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NATIONAL STANDARD PETROLEUM OIL TABLES

Circular C410 (Superseding Circular C154)

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CIRCULAR OF THE NATIONAL BUREAU OF STANDARDS C410
[Superseding Circular C154]

NATIONAL STANDARD PETROLEUM OIL TABLES

PREPARED BY
NATIONAL BUREAU OF STANDARDS
APPROVED BY
AMERICAN PETROLEUM INSTITUTE
AMERICAN SOCIETY FOR TESTING MATERIALS
U. S. BUREAU OF MINES
NATIONAL BUREAU OF STANDARDS

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NATIONAL STANDARD PETROELUM OIL TABLES

ABSTRACT

The tables given are based on an investigation of American petroleum oils carried out by the National Bureau of Standards, and the arrangement is largely according to the recommendations of a committee appointed by the American Petroleum Institute to represent the petroleum industry.

In order to overcome the confusion that has existed in the petroleum-oil industry by reason of the use of two so-called Baumé scales for light liquids, the American Petroleum Institute, the U. S. Bureau of Mines, and the National Bureau of Standards, in December 1921, agreed to recommend that in the future only the scale based on the modulus 141.5 be used in the petroleum-oil industry, and that it be known as the A. P. I. scale. The relation of degrees A. P. I. to specific gravity is expressed by the formula

$$\text{Degrees A. P. I.} = \frac{141.5}{\text{sp gr } 60^\circ/60^\circ \text{ F}} - 131.5.$$

A certain degree of accuracy in the determination of the temperature is essential in order to have results that are comparable with the determination of the gravity of the oil.

Tables 1, 2, and 3 give the degrees A. P. I., the volume, and the specific gravity of oil at 60° F from the values observed at other temperatures. Tables 4 and 5 give the relation between specific gravity, degrees A. P. I., pounds per gallon, and gallons per pound. Table 6 gives the degrees A. P. I. (modulus 141.5) corresponding to degrees Baumé (modulus 140).

Tables 1, 2, 4, and 5 in this revised edition have been extended to include oils having specific gravities from 1.000 to 1.076; that is, oils covering the A. P. I. range of 10 to 0 degrees.

Table 3 has not been so extended as this table appears to be little used in the oil industry. The information, in terms of specific gravity, for the extended range can be obtained, if desired, by use of tables 4 and 1.

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I. INTRODUCTION.

1. BASIS OF TABLES.

The tables contained in this circular are based largely on an investigation of American petroleum oils carried out by the

Bureau of Standards in 1912–1915 and published in Technologic Paper No. 77. The original information has been supplemented by additional investigation of the rate of expansion of oils at temperatures beyond the range originally covered.

2. ARRANGEMENT AND RANGE OF TABLES.

The arrangement of the tables and also the density and temperature range covered have been given careful consideration both by the bureau and by a special committee appointed by the American Petroleum Institute to represent the petroleum industry.

3. ORIGIN OF THE AMERICAN PETROLEUM INSTITUTE (A. P. I.) SCALE.

When the Bureau of Standards first took up the testing of hydrometers in 1904, careful inquiry was made of the manufacturers and users of these instruments as to the basis of the various scales in common use.

In the case of hydrometers for petroleum oils the scale said to be in general use was the so-called Baumé scale for liquids lighter than water. The relation of this scale to specific gravity is expressed by the formula

$$\text{Degrees Baumé} = \frac{140}{\text{sp. gr. } 60^\circ/60^\circ \text{ F.}} - 130.$$

Subsequently, it was learned that a great number of the hydrometers used in the oil trade were not on the basis of the above relation, but were more nearly in agreement with a scale represented by substituting 141.5 and 131.5 in the above formula in place of 140 and 130. Accordingly, new tables were published by a manufacturer of hydrometers and by oil companies on this basis; that is, the actual hydrometer scales were continued unchanged and the relation to specific gravity was redefined, the new scale still being commonly known as the Baumé scale. At the same time other manufacturers and users of oil hydrometers continued the use of the original Baumé scale. As a result much confusion has existed in the petroleum-oil industry by reason of the use of two so-called Baumé scales for light liquids, one based on the modulus 140 and the other on the modulus 141.5.

The American Petroleum Institute, the U. S. Bureau of Mines, and the U. S. Bureau of Standards in December, 1921, agreed to recommend that in the future only the scale based on the modulus 141.5 be used in the petroleum-oil industry, and that it be known as the A. P. I. scale, to clearly distinguish it from the original Baumé scale for light liquids.

In order to make possible the use during the transition period of such Baumé hydrometers as may be on hand, there is included in this circular a table showing the degrees A. P. I. (modulus 141.5) corresponding to degrees Baumé (modulus 140). (See Table 6.)

4. SPECIFIC GRAVITY AND POUNDS PER GALLON.

Specific gravity, as used in this circular, is defined as the ratio of the weight of a given volume of oil at 60° F. to the weight of the same volume of water at the same temperature, all weighings being corrected for the buoyancy of air.

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, and at a pressure of 760 mm of mercury, and against brass weights of 8.4 density or against weights reduced to that basis. The assumed weight of a gallon of water at 60° F. in air is 8.32828 pounds.

5. CALCULATION OF WEIGHT PER GALLON.

Specific gravity, as used throughout this circular, is "true specific gravity"; that is, all weighings are corrected for the buoyancy of the air. It is necessary, therefore, to change these values to "apparent specific gravity" before they can be multiplied by the weight of a gallon of water to give the weight of a gallon of oil at 60° F. in air.

The magnitude of the correction to specific gravity is shown in the following table:

True specific gravity at 60°/60° F.	Correction.	Apparent specific gravity at 60°/60° F.
0.60	−0.00047	0.59953
.70	− .00035	.69965
.80	− .00023	.79977
.90	− .00012	.89988
1.00	.00000	1.00000

The necessary change of specific-gravity basis has been made in the calculation of the tables, and the only reason for calling attention to it is to point out the reason why the tabulated weights per gallon, as given in the tables, are not obtained by a simple multiplication of the specific gravity at 60° F. by the weight of a gallon of water at 60° F. in air.

6. APPLICABILITY OF THE TABLES.

The tables given 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.[1]

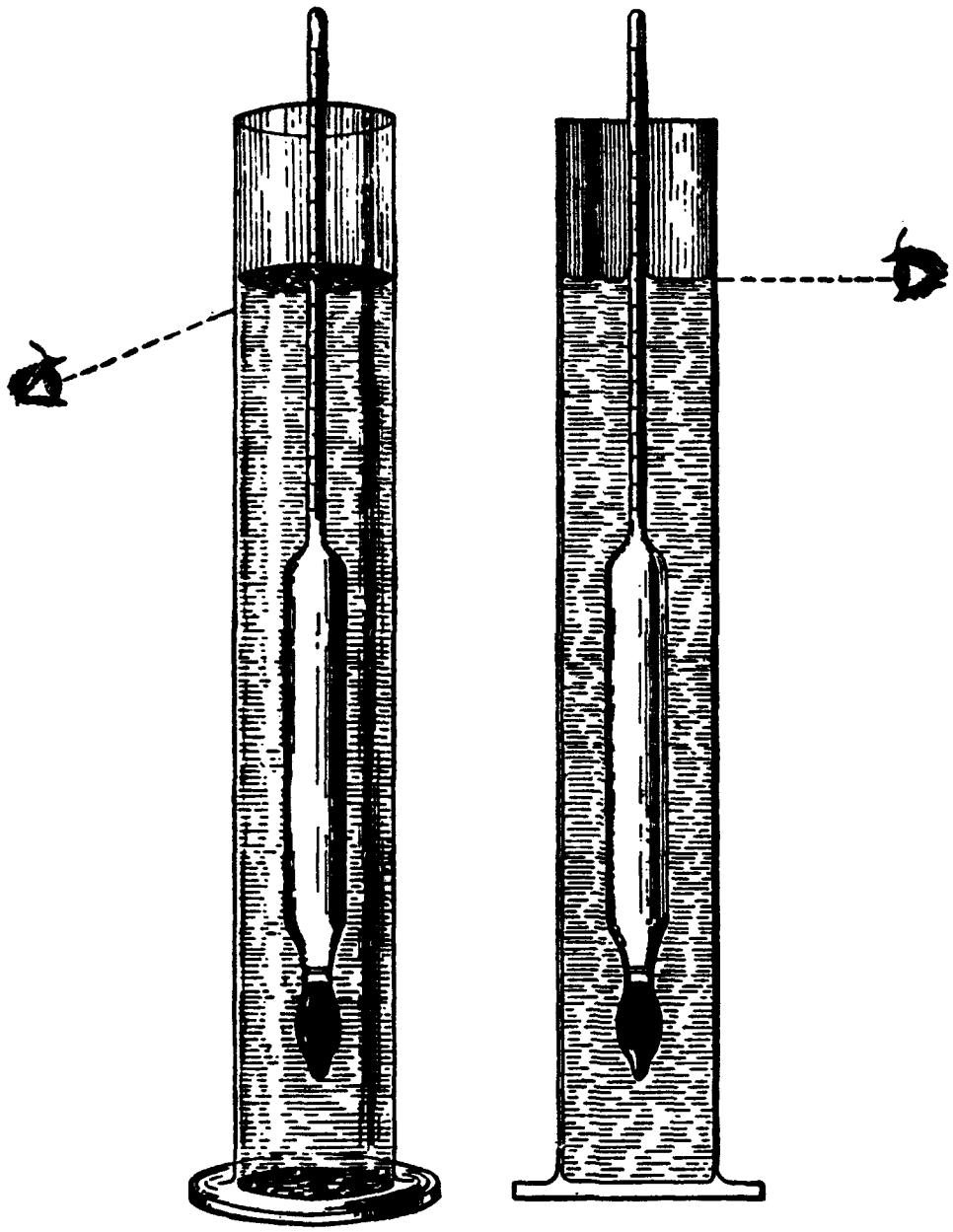

FIG. 1. FIG. 2.

Although it is generally believed that California oils have a considerably higher rate of expansion than do oils from the

[1] 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.

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 the results given in the tables.

7. METHOD OF READING THE HYDROMETER.

The correct method of reading the hydrometer is illustrated in Figures 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 an A. P. I. 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 an A. P. I. 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.

8. DETERMINATION OF TEMPERATURE.

The determination of the temperature of an oil should be made to a degree of accuracy that is comparable with the accuracy of

the determination of the gravity of the oil. If the reading of an A. P. I. hydrometer is made to the nearest 0.1 degree A. P. I., it is necessary that the temperature measurement be made to 1° F. for an oil having an A. P. I. reading of about 58. For an oil having a reading of 90 degrees A. P. I. the temperature measurement must be made to 0.5° F., while for an oil of 10 degrees A. P. I. the temperature measurement may be taken to the nearest 2° F. and have the same order of accuracy as the determination of A. P. I. gravity. It is therefore necessary that the thermometer be corrected for errors in calibration, so that the temperature as determined may be well within the limits given above.

If the thermometer is not made as a part of the hydrometer, the thermometer should be so placed that the bulb can assume the temperature of the oil, and as much of the mercury column as is feasible should be immersed. This is of considerable importance, especially if the temperature of the oil differs greatly from that of the surrounding air. For example, if the temperature of the oil equals 200° F. an emergent column of 50° F. on the scale (approximately 2 inches) will cause an error in the temperature measurement of about 0.5° F., provided the average temperature of the emergent column equals 90° F.

In reading a thermometer accurately care must be taken that the line of sight is perpendicular to the thermometer scale in order to avoid parallax.

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.

[This table shows the degrees A. P. I. at 60° F. of oils having, at the observed temperatures, the degrees A. P. I. indicated. For example, if the observed degrees A. P. I. at 78° F. is 20.0, the degrees A. P. I. at 60° F. will be 19.0. Intermediate values can be conveniently interpolated. For example, if the observed degrees A. P. I. at 78° F. is 20.4, the degrees A. P. I. at 60° F. will be 19.4. The headings "Observed degrees A. P. I." and "Observed temperature" signify the true indication of the hydrometer and the true temperature of the oils; that is, the observed readings corrected for instrumental errors. (This table is so computed as to take into account the thermal expansion of the glass of which the hydrometer is made.)]

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.

Observed temperature in °F.	Observed degrees A. P. I.									
	0	1	2	3	4	5	6	7	8	9
	Corresponding degrees A. P. I. at 60° F.									
0	2.5	3.5	4.6	5.7	6.7	7.8	8.8	9.9	11.0	12.0
1	2.4	3.5	4.6	5.6	6.7	7.7	8.8	9.9	10.9	12.0
2	2.4	3.5	4.5	5.6	6.6	7.7	8.8	9.8	10.9	11.9
3	2.4	3.4	4.5	5.5	6.6	7.6	8.7	9.8	10.8	11.9
4	2.3	3.4	4.4	5.5	6.5	7.6	8.7	9.7	10.8	11.8
5	2.3	3.3	4.4	5.4	6.5	7.6	8.6	9.7	10.7	11.8
6	2.2	3.3	4.3	5.4	6.5	7.5	8.6	9.6	10.7	11.7
7	2.2	3.2	4.3	5.4	6.4	7.5	8.5	9.6	10.6	11.7
8	2.2	3.2	4.3	5.3	6.4	7.4	8.5	9.5	10.6	11.6
9	2.1	3.2	4.2	5.3	6.3	7.4	8.4	9.5	10.5	11.6
10	2.1	3.1	4.2	5.2	6.3	7.3	8.4	9.4	10.5	11.5
11	2.0	3.1	4.1	5.2	6.2	7.3	8.3	9.4	10.4	11.5
12	2.0	3.0	4.1	5.1	6.2	7.2	8.3	9.3	10.4	11.4
13	1.9	3.0	4.0	5.1	6.1	7.2	8.2	9.3	10.3	11.4
14	1.9	2.9	4.0	5.0	6.1	7.1	8.2	9.2	10.3	11.3
15	1.9	2.9	3.9	5.0	6.0	7.1	8.1	9.2	10.2	11.3
16	1.8	2.9	3.9	4.9	6.0	7.0	8.1	9.1	10.2	11.2
17	1.8	2.8	3.9	4.9	5.9	7.0	8.0	9.1	10.1	11.2
18	1.7	2.8	3.8	4.9	5.9	6.9	8.0	9.0	10.1	11.1
19	1.7	2.7	3.8	4.8	5.9	6.9	7.9	9.0	10.0	11.1
20	1.7	2.7	3.7	4.8	5.8	6.9	7.9	8.9	10.0	11.0
21	1.6	2.7	3.7	4.7	5.8	6.8	7.9	8.9	9.9	11.0
22	1.6	2.6	3.6	4.7	5.7	6.8	7.8	8.8	9.9	10.9
23	1.5	2.6	3.6	4.6	5.7	6.7	7.8	8.8	9.8	10.9
24	1.5	2.5	3.6	4.6	5.6	6.7	7.7	8.7	9.8	10.8
25	1.5	2.5	3.5	4.6	5.6	6.6	7.7	8.7	9.7	10.8
26	1.4	2.4	3.5	4.5	5.5	6.6	7.6	8.6	9.7	10.7
27	1.4	2.4	3.4	4.5	5.5	6.5	7.6	8.6	9.6	10.7
28	1.3	2.3	3.4	4.4	5.4	6.5	7.5	8.5	9.6	10.6
29	1.3	2.3	3.3	4.4	5.4	6.4	7.5	8.5	9.5	10.6
30	1.2	2.3	3.3	4.3	5.3	6.4	7.4	8.4	9.5	10.5
31	1.2	2.2	3.2	4.3	5.3	6.3	7.4	8.4	9.4	10.4
32	1.1	2.2	3.2	4.2	5.3	6.3	7.3	8.3	9.4	10.4
33	1.1	2.1	3.2	4.2	5.2	6.2	7.3	8.3	9.3	10.3
34	1.1	2.1	3.1	4.1	5.2	6.2	7.2	8.2	9.3	10.3
35	1.0	2.0	3.1	4.1	5.1	6.1	7.2	8.2	9.2	10.2
36	1.0	2.0	3.0	4.0	5.1	6.1	7.1	8.1	9.2	10.2
37	.9	2.0	3.0	4.0	5.0	6.0	7.1	8.1	9.1	10.1
38	.9	1.9	2.9	4.0	5.0	6.0	7.0	8.0	9.1	10.1
39	.9	1.9	2.9	3.9	4.9	6.0	7.0	8.0	9.0	10.0
40	.8	1.8	2.9	3.9	4.9	5.9	6.9	7.9	9.0	10.0
41	.8	1.8	2.8	3.8	4.8	5.9	6.9	7.9	8.9	9.9
42	.7	1.7	2.8	3.8	4.8	5.8	6.8	7.8	8.9	9.9
43	.7	1.7	2.7	3.7	4.7	5.8	6.8	7.8	8.8	9.8
44	.7	1.7	2.7	3.7	4.7	5.7	6.7	7.7	8.8	9.8
45	.6	1.6	2.6	3.6	4.7	5.7	6.7	7.7	8.7	9.7
46	.6	1.6	2.6	3.6	4.6	5.6	6.6	7.7	8.7	9.7
47	.5	1.5	2.5	3.6	4.6	5.6	6.6	7.6	8.6	9.6
48	.5	1.5	2.5	3.5	4.5	5.5	6.5	7.6	8.6	9.6
49	.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5
50	.4	1.4	2.4	3.4	4.4	5.5	6.5	7.5	8.5	9.5
51	.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4
52	.3	1.3	2.3	3.4	4.4	5.4	6.4	7.4	8.4	9.4
53	.3	1.3	2.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3
54	.2	1.3	2.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3
55	.2	1.2	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2
56	.2	1.2	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2
57	.1	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1
58	.1	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1
59	.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
60	.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
61	.....	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
62	.....	.9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9
63	.....	.9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9
64	.....	.8	1.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	0	1	2	3	4	5	6	7	8	9
	Corresponding degrees A. P. I. at 60° F.									
65	.....	0.8	1.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8
66	.....	.7	1.7	2.7	3.7	4.7	5.7	6.7	7.7	8.7
67	.....	.7	1.7	2.7	3.7	4.7	5.7	6.7	7.7	8.7
68	.....	.7	1.7	2.7	3.6	4.6	5.6	6.6	7.6	8.6
69	.....	.6	1.6	2.6	3.6	4.6	5.6	6.6	7.6	8.6
70	.....	.6	1.6	2.6	3.6	4.6	5.5	6.5	7.5	8.5
71	.....	.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5
72	.....	.5	1.5	2.5	3.5	4.5	5.4	6.4	7.4	8.4
73	.....	.5	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4
74	.....	.4	1.4	2.4	3.4	4.4	5.4	6.3	7.3	8.3
75	.....	.4	1.4	2.4	3.3	4.3	5.3	6.3	7.3	8.3
76	.....	.3	1.3	2.3	3.3	4.3	5.3	6.2	7.2	8.2
77	.....	.3	1.3	2.3	3.2	4.2	5.2	6.2	7.2	8.2
78	.....	.3	1.2	2.2	3.2	4.2	5.2	6.2	7.1	8.1
79	.....	.2	1.2	2.2	3.2	4.1	5.1	6.1	7.1	8.1
80	.....	.2	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.0
81	.....	.1	1.1	2.1	3.1	4.1	5.1	6.0	7.0	8.0
82	.....	.1	1.1	2.1	3.0	4.0	5.0	6.0	7.0	8.0
83	.....	.0	1.0	2.0	3.0	4.0	5.0	5.9	6.9	7.9
84	.....	.....	1.0	2.0	2.9	3.9	4.9	5.9	6.9	7.9
85	.....	.....	.9	1.9	2.9	3.9	4.9	5.9	6.8	7.8
86	.....	.....	.9	1.9	2.9	3.8	4.8	5.8	6.8	7.8
87	.....	.....	.9	1.8	2.8	3.8	4.8	5.8	6.7	7.7
88	.....	.....	.8	1.8	2.8	3.8	4.7	5.7	6.7	7.7
89	.....	.....	.8	1.8	2.7	3.7	4.7	5.7	6.6	7.6
90	.....	.....	.7	1.7	2.7	3.7	4.6	5.6	6.6	7.6
91	.....	.....	.7	1.7	2.6	3.6	4.6	5.6	6.5	7.5
92	.....	.....	.6	1.6	2.6	3.6	4.6	5.5	6.5	7.5
93	.....	.....	.6	1.6	2.6	3.5	4.5	5.5	6.4	7.4
94	.....	.....	.6	1.5	2.5	3.5	4.5	5.4	6.4	7.4
95	.....	.....	.5	1.5	2.5	3.4	4.4	5.4	6.4	7.3
96	.....	.....	.5	1.4	2.4	3.4	4.4	5.3	6.3	7.3
97	.....	.....	.4	1.4	2.4	3.4	4.3	5.3	6.3	7.2
98	.....	.....	.4	1.4	2.3	3.3	4.3	5.2	6.2	7.2
99	.....	.....	.3	1.3	2.3	3.3	4.2	5.2	6.2	7.1
100	.....	.....	.3	1.3	2.3	3.2	4.2	5.2	6.1	7.1
101	.....	.....	.3	1.2	2.2	3.2	4.2	5.1	6.1	7.1
102	.....	.....	.2	1.2	2.2	3.1	4.1	5.1	6.0	7.0
103	.....	.....	.2	1.2	2.1	3.1	4.1	5.0	6.0	7.0
104	.....	.....	.1	1.1	2.1	3.1	4.0	5.0	5.9	6.9
105	.....	.....	.1	1.1	2.0	3.0	4.0	4.9	5.9	6.9
106	.....	.....	.1	1.0	2.0	3.0	3.9	4.9	5.9	6.8
107	.....	.....	.0	1.0	2.0	2.9	3.9	4.8	5.8	6.8
108	.....	.....	.....	1.0	1.9	2.9	3.8	4.8	5.8	6.7
109	.....	.....	.....	.9	1.9	2.8	3.8	4.8	5.7	6.7
110	.....	.....	.....	.9	1.8	2.8	3.8	4.7	5.7	6.6
111	.....	.....	.....	.8	1.8	2.7	3.7	4.7	5.6	6.6
112	.....	.....	.....	.8	1.7	2.7	3.7	4.6	5.6	6.5
113	.....	.....	.....	.7	1.7	2.7	3.6	4.6	5.5	6.5
114	.....	.....	.....	.7	1.7	2.6	3.6	4.5	5.5	6.4
115	.....	.....	.....	.7	1.6	2.6	3.5	4.5	5.4	6.4
116	.....	.....	.....	.6	1.6	2.5	3.5	4.4	5.4	6.4
117	.....	.....	.....	.6	1.5	2.5	3.4	4.4	5.4	6.3
118	.....	.....	.....	.5	1.5	2.4	3.4	4.3	5.3	6.3
119	.....	.....	.....	.5	1.4	2.4	3.4	4.3	5.3	6.2
120	.....	.....	.....	.4	1.4	2.4	3.3	4.3	5.2	6.2
121	.....	.....	.....	.4	1.4	2.3	3.3	4.2	5.2	6.1
122	.....	.....	.....	.4	1.3	2.3	3.2	4.2	5.1	6.1
123	.....	.....	.....	.3	1.3	2.2	3.2	4.1	5.1	6.0
124	.....	.....	.....	.3	1.2	2.2	3.1	4.1	5.0	6.0
125	.....	.....	.....	.2	1.2	2.1	3.1	4.0	5.0	5.9
126	.....	.....	.....	.2	1.1	2.1	3.0	4.0	4.9	5.9
127	.....	.....	.....	.2	1.1	2.1	3.0	4.0	4.9	5.9
128	.....	.....	.....	.1	1.1	2.0	3.0	3.9	4.9	5.8
129	.....	.....	.....	.1	1.0	2.0	2.9	3.9	4.8	5.8

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	0	1	2	3	4	5	6	7	8	9
	Corresponding degrees A. P. I. at 60° F.									
130				0.0	1.0	1.9	2.9	3.8	4.8	5.7
131					.9	1.9	2.8	3.8	4.7	5.7
132					.9	1.8	2.8	3.7	4.7	5.6
133					.9	1.8	2.8	3.7	4.6	5.6
134					.8	1.8	2.7	3.7	4.6	5.5
135					.8	1.7	2.7	3.6	4.6	5.5
136					.7	1.7	2.6	3.6	4.5	5.5
137					.7	1.6	2.6	3.5	4.5	5.4
138					.7	1.6	2.5	3.5	4.4	5.4
139					.6	1.6	2.5	3.5	4.4	5.3
140					.6	1.5	2.5	3.4	4.4	5.3
141					.5	1.5	2.4	3.4	4.3	5.2
142					.5	1.4	2.4	3.3	4.3	5.2
143					.5	1.4	2.3	3.3	4.2	5.2
144					.4	1.3	2.3	3.2	4.2	5.1
145					.4	1.3	2.3	3.2	4.1	5.1
146					.3	1.3	2.2	3.2	4.1	5.0
147					.3	1.2	2.2	3.1	4.1	5.0
148					.2	1.2	2.1	3.1	4.0	4.9
149					.2	1.1	2.1	3.0	4.0	4.9
150					.2	1.1	2.1	3.0	3.9	4.9
151					.1	1.1	2.0	3.0	3.9	4.8
152					.1	1.0	2.0	2.9	3.8	4.8
153					.0	1.0	1.9	2.9	3.8	4.7
154						.9	1.9	2.8	3.7	4.7
155						.9	1.8	2.8	3.7	4.6
156						.9	1.8	2.7	3.7	4.6
157						.8	1.8	2.7	3.6	4.5
158						.8	1.7	2.7	3.6	4.5
159						.7	1.7	2.6	3.5	4.5
160						.7	1.6	2.6	3.5	4.4
161						.7	1.6	2.5	3.5	4.4
162						.6	1.6	2.5	3.4	4.3
163						.6	1.5	2.5	3.4	4.3
164						.5	1.5	2.4	3.3	4.3
165						.5	1.4	2.4	3.3	4.2
166						.5	1.4	2.3	3.3	4.2
167						.4	1.4	2.3	3.2	4.1
168						.4	1.3	2.3	3.2	4.1
169						.3	1.3	2.2	3.1	4.1
170						.3	1.2	2.2	3.1	4.0
171						.3	1.2	2.1	3.1	4.0
172						.2	1.2	2.1	3.0	3.9
173						.2	1.1	2.0	3.0	3.9
174						.1	1.1	2.0	2.9	3.9
175						.1	1.0	2.0	2.9	3.8
176						.1	1.0	1.9	2.9	3.8
177						.0	1.0	1.9	2.8	3.7
178							.9	1.9	2.8	3.7
179							.9	1.8	2.7	3.7
180							.8	1.8	2.7	3.6
181							.8	1.7	2.7	3.6
182							.8	1.7	2.6	3.5
183							.7	1.7	2.6	3.5
184							.7	1.6	2.5	3.4
185							.6	1.6	2.5	3.4
186							.6	1.5	2.4	3.4
187							.6	1.5	2.4	3.3
188							.5	1.4	2.4	3.3
189							.5	1.4	2.3	3.2
190							.4	1.4	2.3	3.2
191							.4	1.3	2.2	3.2
192							.4	1.3	2.2	3.1
193							.3	1.2	2.2	3.1
194							.3	1.2	2.1	3.0
195							.2	1.2	2.1	3.0

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	10	11	12	13	14	15	16	17	18	19
	Corresponding degrees A. P. I. at 60° F.									
0	13.1	14.1	15.2	16.2	17.3	18.3	19.4	20.4	21.5	22.5
1	13.0	14.1	15.1	16.2	17.2	18.3	19.3	20.4	21.4	22.5
2	13.0	14.0	15.1	16.1	17.2	18.2	19.3	20.3	21.4	22.4
3	12.9	14.0	15.0	16.1	17.1	18.2	19.2	20.2	21.3	22.3
4	12.9	13.9	15.0	16.0	17.1	18.1	19.1	20.2	21.2	22.3
5	12.8	13.9	14.9	16.0	17.0	18.0	19.1	20.1	21.2	22.2
6	12.8	13.8	14.9	15.9	16.9	18.0	19.0	20.1	21.1	22.2
7	12.7	13.8	14.8	15.9	16.9	17.9	19.0	20.0	21.1	22.1
8	12.7	13.7	14.8	15.8	16.8	17.9	18.9	20.0	21.0	22.1
9	12.6	13.7	14.7	15.8	16.8	17.8	18.9	19.9	20.9	22.0
10	12.6	13.6	14.6	15.7	16.7	17.8	18.8	19.8	20.9	21.9
11	12.5	13.6	14.6	15.6	16.7	17.7	18.8	19.8	20.8	21.9
12	12.5	13.5	14.5	15.6	16.6	17.6	18.7	19.7	20.8	21.8
13	12.4	13.4	14.5	15.5	16.6	17.6	18.6	19.7	20.7	21.7
14	12.4	13.4	14.4	15.5	16.5	17.5	18.6	19.6	20.6	21.7
15	12.3	13.3	14.4	15.4	16.5	17.5	18.5	19.6	20.6	21.6
16	12.2	13.3	14.3	15.4	16.4	17.4	18.5	19.5	20.5	21.6
17	12.2	13.2	14.3	15.3	16.4	17.4	18.4	19.5	20.5	21.5
18	12.1	13.2	14.2	15.2	16.3	17.3	18.4	19.4	20.4	21.5
19	12.1	13.1	14.2	15.2	16.2	17.3	18.3	19.3	20.4	21.4
20	12.0	13.1	14.1	15.1	16.2	17.2	18.2	19.3	20.3	21.3
21	12.0	13.0	14.0	15.1	16.1	17.1	18.2	19.2	20.2	21.3
22	11.9	13.0	14.0	15.0	16.1	17.1	18.1	19.1	20.2	21.2
23	11.9	12.9	13.9	15.0	16.0	17.0	18.1	19.1	20.1	21.2
24	11.8	12.9	13.9	14.9	16.0	17.0	18.0	19.0	20.1	21.1
25	11.8	12.8	13.8	14.9	15.9	16.9	18.0	19.0	20.0	21.0
26	11.7	12.8	13.8	14.8	15.8	16.9	17.9	18.9	19.9	21.0
27	11.7	12.7	13.7	14.8	15.8	16.8	17.8	18.9	19.9	20.9
28	11.6	12.6	13.7	14.7	15.7	16.7	17.8	18.8	19.8	20.8
29	11.6	12.6	13.6	14.6	15.7	16.7	17.7	18.7	19.8	20.8
30	11.5	12.5	13.6	14.6	15.6	16.6	17.7	18.7	19.7	20.7
31	11.5	12.5	13.5	14.5	15.6	16.6	17.6	18.6	19.7	20.7
32	11.4	12.4	13.4	14.5	15.5	16.5	17.6	18.6	19.6	20.6
33	11.4	12.4	13.4	14.4	15.5	16.5	17.5	18.5	19.5	20.6
34	11.3	12.3	13.3	14.4	15.4	16.4	17.4	18.4	19.5	20.5
35	11.3	12.3	13.3	14.3	15.3	16.4	17.4	18.4	19.4	20.4
36	11.2	12.2	13.2	14.3	15.3	16.3	17.3	18.3	19.4	20.4
37	11.2	12.2	13.2	14.2	15.2	16.3	17.3	18.3	19.3	20.3
38	11.1	12.1	13.1	14.2	15.2	16.2	17.2	18.2	19.2	20.3
39	11.1	12.1	13.1	14.1	15.1	16.1	17.2	18.2	19.2	20.2
40	11.0	12.0	13.0	14.0	15.1	16.1	17.1	18.1	19.1	20.1
41	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.1	19.1	20.1
42	10.9	11.9	12.9	13.9	15.0	16.0	17.0	18.0	19.0	20.0
43	10.8	11.9	12.9	13.9	14.9	15.9	16.9	17.9	18.9	20.0
44	10.8	11.8	12.8	13.8	14.9	15.9	16.9	17.9	18.9	19.9
45	10.7	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.9
46	10.7	11.7	12.7	13.7	14.8	15.8	16.8	17.8	18.8	19.8
47	10.6	11.7	12.7	13.7	14.7	15.7	16.7	17.7	18.7	19.7
48	10.6	11.6	12.6	13.6	14.6	15.6	16.7	17.7	18.7	19.7
49	10.6	11.6	12.6	13.6	14.6	15.6	16.6	17.6	18.6	19.6
50	10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5	18.5	19.6
51	10.5	11.5	12.5	13.5	14.5	15.5	16.5	17.5	18.5	19.5
52	10.4	11.4	12.4	13.4	14.4	15.4	16.4	17.4	18.4	19.4
53	10.4	11.4	12.4	13.4	14.4	15.4	16.4	17.4	18.4	19.4
54	10.3	11.3	12.3	13.3	14.3	15.3	16.3	17.3	18.3	19.3
55	10.3	11.3	12.3	13.3	14.3	15.3	16.3	17.3	18.3	19.3
56	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2	19.2
57	10.1	11.1	12.1	13.1	14.1	15.1	16.2	17.2	18.2	19.2
58	10.1	11.1	12.1	13.1	14.1	15.1	16.1	17.1	18.1	19.1
59	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
60	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
61	9.9	10.9	11.9	12.9	13.9	14.9	15.9	16.9	17.9	18.9
62	9.9	10.9	11.9	12.9	13.9	14.9	15.9	16.9	17.9	18.9
63	9.9	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8
64	9.8	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in ° F.	Observed degrees A. P. I.									
	10	11	12	13	14	15	16	17	18	19
	Corresponding degrees A. P. I. at 60° F.									
65	9.8	10.7	11.7	12.7	13.7	14.7	15.7	16.7	17.7	18.7
66	9.7	10.7	11.7	12.7	13.7	14.7	15.7	16.7	17.7	18.7
67	9.7	10.6	11.6	12.6	13.6	14.6	15.6	16.6	17.6	18.6
68	9.6	10.6	11.6	12.6	13.6	14.6	15.6	16.6	17.6	18.5
69	9.6	10.6	11.5	12.5	13.5	14.5	15.5	16.5	17.5	18.5
70	9.5	10.5	11.5	12.5	13.5	14.5	15.5	16.4	17.4	18.4
71	9.5	10.5	11.4	12.4	13.4	14.4	15.4	16.4	17.4	18.4
72	9.4	10.4	11.4	12.4	13.4	14.4	15.4	16.3	17.3	18.3
73	9.4	10.4	11.3	12.3	13.3	14.3	15.3	16.3	17.3	18.3
74	9.3	10.3	11.3	12.3	13.3	14.3	15.2	16.2	17.2	18.2
75	9.3	10.2	11.2	12.2	13.2	14.2	15.2	16.2	17.2	18.2
76	9.2	10.2	11.2	12.2	13.2	14.2	15.1	16.1	17.1	18.1
77	9.2	10.1	11.1	12.1	13.1	14.1	15.1	16.1	17.1	18.0
78	9.1	10.1	11.1	12.1	13.1	14.0	15.0	16.0	17.0	18.0
79	9.1	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	17.9
80	9.0	10.0	11.0	12.0	13.0	13.9	14.9	15.9	16.9	17.9
81	9.0	9.9	10.9	11.9	12.9	13.9	14.9	15.8	16.8	17.8
82	8.9	9.9	10.9	11.9	12.9	13.8	14.8	15.8	16.8	17.8
83	8.9	9.8	10.8	11.8	12.8	13.8	14.8	15.7	16.7	17.7
84	8.8	9.8	10.8	11.8	12.8	13.7	14.7	15.7	16.7	17.7
85	8.8	9.8	10.7	11.7	12.7	13.7	14.7	15.6	16.6	17.6
86	8.7	9.7	10.7	11.7	12.6	13.6	14.6	15.6	16.6	17.6
87	8.7	9.7	10.6	11.6	12.6	13.6	14.6	15.5	16.5	17.5
88	8.6	9.6	10.6	11.6	12.5	13.5	14.5	15.5	16.5	17.4
89	8.6	9.6	10.5	11.5	12.5	13.5	14.5	15.4	16.4	17.4
90	8.5	9.5	10.5	11.5	12.4	13.4	14.4	15.4	16.4	17.3
91	8.5	9.5	10.4	11.4	12.4	13.4	14.4	15.3	16.3	17.3
92	8.4	9.4	10.4	11.4	12.3	13.3	14.3	15.3	16.3	17.2
93	8.4	9.4	10.3	11.3	12.3	13.3	14.3	15.2	16.2	17.2
94	8.3	9.3	10.3	11.3	12.2	13.2	14.2	15.2	16.2	17.1
95	8.3	9.3	10.2	11.2	12.2	13.2	14.2	15.1	16.1	17.1
96	8.2	9.2	10.2	11.2	12.1	13.1	14.1	15.1	16.0	17.0
97	8.2	9.2	10.1	11.1	12.1	13.1	14.0	15.0	16.0	17.0
98	8.1	9.1	10.1	11.1	12.0	13.0	14.0	15.0	15.9	16.9
99	8.1	9.1	10.0	11.0	12.0	13.0	13.9	14.9	15.9	16.8
100	8.1	9.0	10.0	11.0	11.9	12.9	13.9	14.9	15.8	16.8
101	8.0	9.0	9.9	10.9	11.9	12.9	13.8	14.8	15.8	16.7
102	8.0	8.9	9.9	10.9	11.8	12.8	13.8	14.8	15.7	16.7
103	7.9	8.9	9.9	10.8	11.8	12.8	13.7	14.7	15.7	16.6
104	7.9	8.8	9.8	10.8	11.7	12.7	13.7	14.7	15.6	16.6
105	7.8	8.8	9.8	10.7	11.7	12.7	13.6	14.6	15.6	16.5
106	7.8	8.8	9.7	10.7	11.7	12.6	13.6	14.6	15.5	16.5
107	7.7	8.7	9.7	10.6	11.6	12.6	13.5	14.5	15.5	16.4
108	7.7	8.7	9.6	10.6	11.6	12.5	13.5	14.5	15.4	16.4
109	7.6	8.6	9.6	10.5	11.5	12.5	13.4	14.4	15.4	16.3
110	7.6	8.6	9.5	10.5	11.5	12.4	13.4	14.4	15.3	16.3
111	7.6	8.5	9.5	10.4	11.4	12.4	13.3	14.3	15.3	16.2
112	7.5	8.5	9.4	10.4	11.4	12.3	13.3	14.2	15.2	16.2
113	7.5	8.4	9.4	10.3	11.3	12.3	13.2	14.2	15.1	16.1
114	7.4	8.4	9.3	10.3	11.3	12.2	13.2	14.1	15.1	16.1
115	7.4	8.3	9.3	10.2	11.2	12.2	13.1	14.1	15.0	16.0
116	7.3	8.3	9.2	10.2	11.2	12.1	13.1	14.0	15.0	16.0
117	7.3	8.2	9.2	10.1	11.1	12.1	13.0	14.0	14.9	15.9
118	7.2	8.2	9.1	10.1	11.1	12.0	13.0	13.9	14.9	15.9
119	7.2	8.1	9.1	10.1	11.0	12.0	12.9	13.9	14.8	15.8
120	7.1	8.1	9.0	10.0	11.0	11.9	12.9	13.8	14.8	15.8
121	7.1	8.0	9.0	10.0	10.9	11.9	12.8	13.8	14.7	15.7
122	7.0	8.0	8.9	9.9	10.9	11.8	12.8	13.7	14.7	15.6
123	7.0	7.9	8.9	9.9	10.8	11.8	12.7	13.7	14.6	15.6
124	6.9	7.9	8.9	9.8	10.8	11.7	12.7	13.6	14.6	15.5
125	6.9	7.8	8.8	9.8	10.7	11.7	12.6	13.6	14.5	15.5
126	6.9	7.8	8.8	9.7	10.7	11.6	12.6	13.5	14.5	15.4
127	6.8	7.8	8.7	9.7	10.6	11.6	12.5	13.5	14.4	15.4
128	6.8	7.7	8.7	9.6	10.6	11.5	12.5	13.4	14.4	15.3
129	6.7	7.7	8.6	9.6	10.5	11.5	12.4	13.4	14.3	15.3

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	10	11	12	13	14	15	16	17	18	19
	Corresponding degrees A. P. I. at 60° F.									
130	6.7	7.6	8.6	9.5	10.5	11.4	12.4	13.3	14.3	15.2
131	6.6	7.6	8.5	9.5	10.4	11.4	12.3	13.3	14.2	15.2
132	6.6	7.5	8.5	9.4	10.4	11.3	12.3	13.2	14.2	15.1
133	6.5	7.5	8.4	9.4	10.3	11.3	12.2	13.2	14.1	15.1
134	6.5	7.4	8.4	9.3	10.3	11.2	12.2	13.1	14.1	15.0
135	6.4	7.4	8.3	9.3	10.2	11.2	12.1	13.1	14.0	15.0
136	6.4	7.4	8.3	9.3	10.2	11.1	12.1	13.0	14.0	14.9
137	6.4	7.3	8.2	9.2	10.1	11.1	12.0	13.0	13.9	14.9
138	6.3	7.3	8.2	9.2	10.1	11.0	12.0	12.9	13.9	14.8
139	6.3	7.2	8.2	9.1	10.1	11.0	11.9	12.9	13.8	14.8
140	6.2	7.2	8.1	9.1	10.0	10.9	11.9	12.8	13.8	14.7
141	6.2	7.1	8.1	9.0	10.0	10.9	11.8	12.8	13.7	14.7
142	6.1	7.1	8.0	9.0	9.9	10.8	11.8	12.7	13.7	14.6
143	6.1	7.0	8.0	8.9	9.9	10.8	11.8	12.7	13.6	14.6
144	6.0	7.0	7.9	8.9	9.8	10.7	11.7	12.6	13.6	14.5
145	6.0	6.9	7.9	8.8	9.8	10.7	11.7	12.6	13.5	14.5
146	6.0	6.9	7.8	8.8	9.7	10.6	11.6	12.5	13.5	14.4
147	5.9	6.9	7.8	8.7	9.7	10.6	11.6	12.5	13.4	14.4
148	5.9	6.8	7.7	8.7	9.6	10.6	11.5	12.4	13.4	14.3
149	5.8	6.8	7.7	8.7	9.6	10.5	11.5	12.4	13.3	14.3
150	5.8	6.7	7.7	8.6	9.5	10.5	11.4	12.3	13.3	14.2
151	5.7	6.7	7.6	8.6	9.5	10.4	11.4	12.3	13.2	14.2
152	5.7	6.6	7.6	8.5	9.4	10.4	11.3	12.2	13.2	14.1
153	5.6	6.6	7.5	8.5	9.4	10.3	11.3	12.2	13.1	14.1
154	5.6	6.5	7.5	8.4	9.4	10.3	11.2	12.1	13.1	14.0
155	5.6	6.5	7.4	8.4	9.3	10.2	11.2	12.1	13.0	14.0
156	5.5	6.4	7.4	8.3	9.3	10.2	11.1	12.0	13.0	13.9
157	5.5	6.4	7.3	8.3	9.2	10.1	11.1	12.0	12.9	13.8
158	5.4	6.4	7.3	8.2	9.2	10.1	11.0	11.9	12.9	13.8
159	5.4	6.3	7.3	8.2	9.1	10.0	11.0	11.9	12.8	13.7
160	5.3	6.3	7.2	8.1	9.1	10.0	10.9	11.8	12.8	13.7
161	5.3	6.2	7.2	8.1	9.0	10.0	10.9	11.8	12.7	13.6
162	5.3	6.2	7.1	8.1	9.0	9.9	10.8	11.7	12.7	13.6
163	5.2	6.2	7.1	8.0	8.9	9.9	10.8	11.7	12.6	13.5
164	5.2	6.1	7.0	8.0	8.9	9.8	10.7	11.7	12.6	13.5
165	5.1	6.1	7.0	7.9	8.8	9.8	10.7	11.6	12.5	13.4
166	5.1	6.0	6.9	7.9	8.8	9.7	10.6	11.6	12.5	13.4
167	5.0	6.0	6.9	7.8	8.7	9.7	10.6	11.5	12.4	13.3
168	5.0	5.9	6.9	7.8	8.7	9.6	10.6	11.5	12.4	13.3
169	5.0	5.9	6.8	7.8	8.7	9.6	10.5	11.4	12.3	13.3
170	4.9	5.9	6.8	7.7	8.6	9.5	10.5	11.4	12.3	13.2
171	4.9	5.8	6.7	7.7	8.6	9.5	10.4	11.3	12.2	13.2
172	4.9	5.8	6.7	7.6	8.5	9.5	10.4	11.3	12.2	13.1
173	4.8	5.7	6.7	7.6	8.5	9.4	10.3	11.2	12.1	13.1
174	4.8	5.7	6.6	7.6	8.5	9.4	10.3	11.2	12.1	13.0
175	4.7	5.6	6.6	7.5	8.4	9.3	10.2	11.2	12.1	13.0
176	4.7	5.6	6.5	7.5	8.4	9.3	10.2	11.1	12.0	12.9
177	4.7	5.6	6.5	7.4	8.3	9.2	10.1	11.1	12.0	12.9
178	4.6	5.5	6.4	7.4	8.3	9.2	10.1	11.0	11.9	12.8
179	4.6	5.5	6.4	7.3	8.2	9.2	10.1	11.0	11.9	12.8
180	4.5	5.4	6.4	7.3	8.2	9.1	10.0	10.9	11.8	12.7
181	4.5	5.4	6.3	7.3	8.2	9.1	10.0	10.9	11.8	12.7
182	4.4	5.4	6.3	7.2	8.1	9.0	9.9	10.8	11.7	12.6
183	4.4	5.3	6.2	7.2	8.1	9.0	9.9	10.8	11.7	12.6
184	4.3	5.3	6.2	7.1	8.0	8.9	9.8	10.7	11.6	12.5
185	4.3	5.2	6.1	7.1	8.0	8.9	9.8	10.7	11.6	12.5
186	4.3	5.2	6.1	7.0	7.9	8.8	9.8	10.6	11.6	12.5
187	4.2	5.1	6.1	7.0	7.9	8.8	9.7	10.6	11.5	12.4
188	4.2	5.1	6.0	6.9	7.8	8.7	9.7	10.6	11.5	12.4
189	4.1	5.0	6.0	6.9	7.8	8.7	9.6	10.5	11.4	12.3
190	4.1	5.0	5.9	6.9	7.8	8.7	9.6	10.5	11.4	12.3
191	4.1	5.0	5.9	6.8	7.7	8.6	9.5	10.4	11.3	12.2
192	4.0	4.9	5.8	6.8	7.7	8.6	9.5	10.4	11.3	12.2
193	4.0	4.9	5.8	6.7	7.6	8.5	9.4	10.3	11.2	12.1
194	3.9	4.9	5.8	6.7	7.6	8.5	9.4	10.3	11.2	12.1
195	3.9	4.8	5.7	6.6	7.5	8.4	9.3	10.2	11.1	12.0

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	20	21	22	23	24	25	26	27	28	29
	Corresponding degrees A. P. I. at 60 °F.									
0	23.6	24.6	25.7	26.8	27.8	28.9	30.0	31.0	32.1	33.2
1	23.5	24.6	25.6	26.7	27.8	28.8	29.9	31.0	32.0	33.1
2	23.5	24.5	25.6	26.6	27.7	28.7	29.8	30.9	31.9	33.0
3	23.4	24.4	25.5	26.5	27.6	28.7	29.7	30.8	31.8	32.9
4	23.3	24.4	25.4	26.5	27.5	28.6	29.6	30.7	31.8	32.8
5	23.3	24.3	25.4	26.4	27.5	28.5	29.6	30.6	31.7	32.8
6	23.2	24.2	25.3	26.3	27.4	28.5	29.5	30.6	31.6	32.7
7	23.1	24.2	25.2	26.3	27.3	28.4	29.4	30.5	31.6	32.6
8	23.1	24.1	25.2	26.2	27.3	28.3	29.4	30.4	31.5	32.6
9	23.0	24.1	25.1	26.2	27.2	28.3	29.3	30.4	31.4	32.5
10	23.0	24.0	25.0	26.1	27.1	28.2	29.2	30.3	31.3	32.4
11	22.9	23.9	25.0	26.0	27.1	28.1	29.2	30.2	31.3	32.3
12	22.8	23.9	24.9	26.0	27.0	28.1	29.1	30.2	31.2	32.3
13	22.8	23.8	24.9	25.9	26.9	28.0	29.0	30.1	31.1	32.2
14	22.7	23.7	24.8	25.8	26.9	27.9	29.0	30.0	31.1	32.1
15	22.7	23.7	24.7	25.8	26.8	27.9	28.9	30.0	31.0	32.0
16	22.6	23.6	24.7	25.7	26.7	27.8	28.8	29.9	30.9	32.0
17	22.6	23.6	24.6	25.7	26.7	27.7	28.8	29.8	30.9	31.9
18	22.5	23.5	24.6	25.6	26.6	27.7	28.7	29.8	30.8	31.8
19	22.4	23.4	24.5	25.5	26.5	27.6	28.6	29.7	30.7	31.8
20	22.4	23.4	24.4	25.5	26.5	27.5	28.6	29.6	30.7	31.7
21	22.3	23.3	24.4	25.4	26.4	27.5	28.5	29.5	30.6	31.6
22	22.2	23.3	24.3	25.3	26.4	27.4	28.4	29.5	30.5	31.6
23	22.2	23.2	24.3	25.3	26.3	27.3	28.4	29.4	30.4	31.5
24	22.1	23.1	24.2	25.2	26.2	27.3	28.3	29.3	30.4	31.4
25	22.1	23.1	24.1	25.2	26.2	27.2	28.3	29.3	30.3	31.4
26	22.0	23.0	24.1	25.1	26.1	27.1	28.2	29.2	30.2	31.3
27	21.9	23.0	24.0	25.0	26.0	27.1	28.1	29.1	30.2	31.2
28	21.9	22.9	23.9	24.9	26.0	27.0	28.0	29.1	30.1	31.1
29	21.8	22.8	23.8	24.9	25.9	26.9	28.0	29.0	30.0	31.1
30	21.7	22.8	23.8	24.8	25.8	26.9	27.9	28.9	30.0	31.0
31	21.7	22.7	23.7	24.7	25.8	26.8	27.8	28.9	29.9	30.9
32	21.6	22.7	23.7	24.7	25.7	26.8	27.8	28.8	29.8	30.9
33	21.6	22.6	23.6	24.6	25.7	26.7	27.7	28.7	29.8	30.8
34	21.5	22.5	23.6	24.6	25.6	26.6	27.7	28.7	29.7	30.7
35	21.4	22.5	23.5	24.5	25.5	26.6	27.6	28.6	29.6	30.7
36	21.4	22.4	23.4	24.4	25.5	26.5	27.5	28.5	29.6	30.6
37	21.3	22.3	23.4	24.4	25.4	26.4	27.4	28.5	29.5	30.5
38	21.3	22.3	23.3	24.3	25.3	26.3	27.4	28.4	29.4	30.4
39	21.2	22.2	23.3	24.3	25.3	26.3	27.3	28.3	29.4	30.4
40	21.2	22.2	23.2	24.2	25.2	26.2	27.3	28.3	29.3	30.3
41	21.1	22.1	23.1	24.2	25.2	26.2	27.2	28.2	29.2	30.3
42	21.0	22.1	23.1	24.1	25.1	26.1	27.1	28.2	29.2	30.2
43	21.0	22.0	23.0	24.0	25.0	26.0	27.1	28.1	29.1	30.1
44	20.9	21.9	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0
45	20.9	21.9	22.9	23.9	24.9	25.9	26.9	28.0	29.0	30.0
46	20.8	21.8	22.8	23.8	24.8	25.9	26.9	27.9	28.9	29.9
47	20.7	21.7	22.8	23.8	24.8	25.8	26.8	27.8	28.8	29.8
48	20.7	21.7	22.7	23.7	24.7	25.7	26.8	27.8	28.8	29.8
49	20.6	21.6	22.7	23.7	24.7	25.7	26.7	27.7	28.7	29.7
50	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.7	29.7
51	20.5	21.5	22.5	23.5	24.5	25.5	26.6	27.6	28.6	29.6
52	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5	29.5
53	20.4	21.4	22.4	23.4	24.4	25.4	26.4	27.4	28.5	29.5
54	20.3	21.3	22.3	23.3	24.4	25.4	26.4	27.4	28.4	29.4
55	20.3	21.3	22.3	23.3	24.3	25.3	26.3	27.3	28.3	29.3
56	20.2	21.2	22.2	23.2	24.2	25.2	26.2	27.3	28.3	29.3
57	20.2	21.2	22.2	23.2	24.2	25.2	26.2	27.2	28.2	29.2
58	20.1	21.1	22.1	23.1	24.1	25.1	26.1	27.1	28.1	29.1
59	20.1	21.1	22.1	23.1	24.1	25.1	26.1	27.1	28.1	29.1
60	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
61	19.9	20.9	21.9	22.9	23.9	24.9	25.9	26.9	27.9	28.9
62	19.9	20.9	21.9	22.9	23.9	24.9	25.9	26.9	27.9	28.9
63	19.8	20.8	21.8	22.8	23.8	24.8	25.8	26.8	27.8	28.8
64	19.8	20.8	21.8	22.8	23.8	24.8	25.8	26.8	27.8	28.8

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	20	21	22	23	24	25	26	27	28	29
	Corresponding degrees A. P. I. at 60° F.									
65	19.7	20.7	21.7	22.7	23.7	24.7	25.7	26.7	27.7	28.7
66	19.7	20.7	21.7	22.6	23.6	24.6	25.6	26.6	27.6	28.6
67	19.6	20.6	21.6	22.6	23.6	24.6	25.6	26.6	27.6	28.5
68	19.5	20.5	21.5	22.5	23.5	24.5	25.5	26.5	27.5	28.5
69	19.5	20.5	21.5	22.4	23.4	24.4	25.4	26.4	27.4	28.4
70	19.4	20.4	21.4	22.4	23.4	24.4	25.4	26.4	27.4	28.3
71	19.4	20.4	21.4	22.3	23.3	24.3	25.3	26.3	27.3	28.3
72	19.3	20.3	21.3	22.3	23.3	24.3	25.2	26.2	27.2	28.2
73	19.2	20.2	21.2	22.2	23.2	24.2	25.2	26.2	27.2	28.2
74	19.2	20.2	21.2	22.2	23.1	24.1	25.1	26.1	27.1	28.1
75	19.1	20.1	21.1	22.1	23.1	24.1	25.1	26.0	27.0	28.0
76	19.1	20.1	21.1	22.0	23.0	24.0	25.0	26.0	27.0	28.0
77	19.0	20.0	21.0	22.0	23.0	24.0	25.0	25.9	26.9	27.9
78	19.0	20.0	20.9	21.9	22.9	23.9	24.9	25.9	26.8	27.8
79	18.9	19.9	20.9	21.8	22.8	23.8	24.8	25.8	26.8	27.8
80	18.9	19.9	20.8	21.8	22.8	23.8	24.8	25.7	26.7	27.7
81	18.8	19.8	20.8	21.7	22.7	23.7	24.7	25.7	26.7	27.6
82	18.7	19.7	20.7	21.7	22.7	23.6	24.6	25.6	26.6	27.6
83	18.7	19.7	20.6	21.6	22.6	23.6	24.6	25.5	26.5	27.5
84	18.6	19.6	20.6	21.6	22.6	23.5	24.5	25.5	26.5	27.4
85	18.6	19.5	20.5	21.5	22.5	23.5	24.5	25.4	26.4	27.4
86	18.5	19.5	20.5	21.4	22.4	23.4	24.4	25.4	26.3	27.3
87	18.4	19.4	20.4	21.4	22.4	23.3	24.3	25.3	26.3	27.3
88	18.4	19.4	20.4	21.3	22.3	23.3	24.3	25.2	26.2	27.2
89	18.3	19.3	20.3	21.3	22.2	23.2	24.2	25.2	26.2	27.1
90	18.3	19.3	20.3	21.2	22.2	23.2	24.2	25.1	26.1	27.1
91	18.2	19.2	20.2	21.2	22.1	23.1	24.1	25.1	26.0	27.0
92	18.2	19.2	20.1	21.1	22.1	23.0	24.0	25.0	26.0	26.9
93	18.1	19.1	20.1	21.0	22.0	23.0	24.0	24.9	25.9	26.9
94	18.1	19.0	20.0	21.0	22.0	22.9	23.9	24.9	25.9	26.8
95	18.0	19.0	20.0	20.9	21.9	22.9	23.8	24.8	25.8	26.8
96	18.0	18.9	19.9	20.9	21.9	22.8	23.8	24.8	25.8	26.7
97	17.9	18.9	19.9	20.8	21.8	22.8	23.7	[illegible]	25.7	26.6
98	17.9	18.8	19.8	20.8	21.7	22.7	23.7	[illegible]	25.6	26.6
99	17.8	18.8	19.8	20.7	21.7	22.7	23.6	[illegible]	25.6	26.5
100	17.8	18.7	19.7	20.7	21.6	22.6	23.6	24.5	25.5	26.5
101	17.7	18.7	19.6	20.6	21.6	22.5	23.5	24.5	25.4	26.4
102	17.6	18.6	19.6	20.5	21.5	22.5	23.4	24.4	25.4	26.3
103	17.6	18.6	19.5	20.5	21.5	22.4	23.4	24.4	25.3	26.3
104	17.5	18.5	19.5	20.4	21.4	22.3	23.3	24.3	25.2	26.2
105	17.5	18.5	19.4	20.4	21.3	22.3	23.3	24.2	25.2	26.1
106	17.4	18.4	19.4	20.3	21.3	22.2	23.2	24.2	25.1	26.1
107	17.4	18.4	19.3	20.3	21.2	22.2	23.2	24.1	25.1	26.0
108	17.3	18.3	19.3	20.2	21.2	22.1	23.1	24.0	25.0	25.9
109	17.3	18.3	19.2	20.2	21.1	22.1	23.0	24.0	24.9	25.9
110	17.2	18.2	19.2	20.1	21.1	22.0	23.0	23.9	24.9	25.8
111	17.2	18.1	19.1	20.1	21.0	22.0	22.9	23.9	24.8	25.8
112	17.1	18.1	19.0	20.0	20.9	21.9	22.9	23.8	24.8	25.7
113	17.1	18.0	19.0	19.9	20.9	21.8	22.8	23.7	24.7	25.6
114	17.0	18.0	18.9	19.9	20.8	21.8	22.8	23.7	24.7	25.6
115	17.0	17.9	18.9	19.8	20.8	21.7	22.7	23.6	24.6	25.5
116	16.9	17.9	18.8	19.8	20.7	21.7	22.6	23.6	24.5	25.5
117	16.9	17.8	18.8	19.7	20.7	21.6	22.6	23.5	24.5	25.4
118	16.8	17.8	18.7	19.7	20.6	21.6	22.5	23.5	24.4	25.3
119	16.8	17.7	18.7	19.6	20.6	21.5	22.5	23.4	24.4	25.3
120	16.7	17.7	18.6	19.6	20.5	21.4	22.4	23.3	24.3	25.2
121	16.6	17.6	18.5	19.5	20.4	21.4	22.3	23.3	24.2	25.2
122	16.6	17.5	18.5	19.4	20.4	21.3	22.3	23.2	24.2	25.1
123	16.5	17.5	18.4	19.4	20.3	21.3	22.2	23.2	24.1	25.1
124	16.5	17.4	18.4	19.3	20.3	21.2	22.2	23.1	24.1	25.0
125	16.4	17.4	18.3	19.3	20.2	21.2	22.1	23.1	24.0	24.9
126	16.4	17.3	18.3	19.2	20.2	21.1	22.1	23.0	24.0	24.9
127	16.3	17.3	18.2	19.2	20.1	21.0	22.0	22.9	23.9	24.8
128	16.3	17.2	18.2	19.1	20.1	21.0	21.9	22.9	23.8	24.8
129	16.2	17.2	18.1	19.1	20.0	20.9	21.9	22.8	23.8	24.7

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	20	21	22	23	24	25	26	27	28	29
	Corresponding degrees A. P. I. at 60° F.									
130	16.2	17.1	18.1	19.0	19.9	20.9	21.8	22.8	23.7	24.6
131	16.1	17.0	18.0	18.9	19.9	20.8	21.8	22.7	23.6	24.6
132	16.1	17.0	18.0	18.9	19.8	20.8	21.7	22.7	23.6	24.5
133	16.0	16.9	17.9	18.8	19.8	20.7	21.7	22.6	23.5	24.5
134	16.0	16.9	17.9	18.8	19.7	20.6	21.6	22.5	23.5	24.4
135	15.9	16.8	17.8	18.7	19.7	20.6	21.6	22.5	23.4	24.4
136	15.9	16.8	17.7	18.7	19.6	20.5	21.5	22.4	23.4	24.3
137	15.8	16.7	17.7	18.6	19.6	20.5	21.4	22.4	23.3	24.2
138	15.8	16.7	17.6	18.6	19.5	20.4	21.4	22.3	23.2	24.2
139	15.7	16.6	17.6	18.5	19.4	20.4	21.3	22.2	23.2	24.1
140	15.6	16.6	17.5	18.5	19.4	20.3	21.3	22.2	23.1	24.0
141	15.6	16.5	17.5	18.4	19.3	20.3	21.2	22.1	23.1	24.0
142	15.5	16.5	17.4	18.4	19.3	20.2	21.2	22.1	23.0	23.9
143	15.5	16.4	17.4	18.3	19.2	20.2	21.1	22.0	23.0	23.9
144	15.4	16.4	17.3	18.3	19.2	20.1	21.0	22.0	22.9	23.8
145	15.4	16.3	17.3	18.2	19.1	20.0	21.0	21.9	22.9	23.8
146	15.3	16.3	17.2	18.2	19.1	20.0	20.9	21.9	22.8	23.7
147	15.3	16.2	17.2	18.1	19.0	19.9	20.9	21.8	22.7	23.6
148	15.2	16.2	17.1	18.0	18.9	19.9	20.8	21.8	22.7	23.6
149	15.2	16.1	17.0	18.0	18.9	19.8	20.8	21.7	22.6	23.[illegible]
150	15.1	16.1	17.0	17.9	18.8	19.8	20.7	21.7	22.6	23.[illegible]
151	15.1	16.0	16.9	17.9	18.8	19.7	20.7	21.6	22.5	23.4
152	15.0	16.0	16.9	17.8	18.7	19.7	20.6	21.5	22.5	23.4
153	15.0	15.9	16.8	17.8	18.7	19.6	20.6	21.5	22.4	23.3
154	14.9	15.9	16.8	17.7	18.6	19.6	20.5	21.4	22.3	23.3
155	14.9	15.8	16.7	17.7	18.6	19.5	20.5	21.4	22.3	23.2
156	14.8	15.7	16.7	17.6	18.5	19.4	20.4	21.3	22.2	23.2
157	14.8	15.7	16.6	17.6	18.5	19.4	20.3	21.3	22.2	23.1
158	14.7	15.6	16.6	17.5	18.4	19.3	20.3	21.2	22.1	23.0
159	14.7	15.6	16.5	17.4	18.4	19.3	20.2	21.1	22.1	23.0
160	14.6	15.5	16.5	17.4	18.3	19.2	20.2	21.1	22.0	22.9
161	14.6	15.5	16.4	17.3	18.3	19.2	20.1	21.0	21.9	22.9
162	14.5	15.4	16.4	17.3	18.2	19.1	20.1	21.0	21.9	22.8
163	14.5	15.4	16.3	17.2	18.2	19.1	20.0	20.9	21.8	22.7
164	14.4	15.3	16.3	17.2	18.1	19.0	19.9	20.9	21.8	22.7
165	14.4	15.3	16.2	17.1	18.0	18.9	19.9	20.8	21.7	22.6
166	14.3	15.2	16.2	17.1	18.0	18.9	19.8	20.7	21.7	22.6
167	14.3	15.2	16.1	17.0	17.9	18.8	19.8	20.7	21.6	22.5
168	14.2	15.1	16.1	17.0	17.9	18.8	19.7	20.6	21.6	22.5
169	14.2	15.1	16.0	16.9	17.8	18.7	19.7	20.6	21.5	22.4
170	14.1	15.0	16.0	16.9	17.8	18.7	19.6	20.5	21.4	22.3
171	14.1	15.0	15.9	16.8	17.7	18.6	19.6	20.5	21.4	22.3
172	14.0	14.9	15.9	16.8	17.7	18.6	19.5	20.4	21.3	22.2
173	14.0	14.9	15.8	16.7	17.6	18.5	19.5	20.4	21.3	22.2
174	13.9	14.8	15.8	16.7	17.6	18.5	19.4	20.3	21.2	22.1
175	13.9	14.8	15.7	16.6	17.5	18.4	19.3	20.3	21.2	22.1
176	13.8	14.7	15.7	16.6	17.5	18.4	19.3	20.2	21.1	22.0
177	13.8	14.7	15.6	16.5	17.4	18.3	19.2	20.1	21.0	21.9
178	13.7	14.6	15.6	16.5	17.4	18.3	19.2	20.1	21.0	21.9
179	13.7	14.6	15.5	16.4	17.3	18.2	19.1	20.0	20.9	21.8
180	13.6	14.6	15.5	16.4	17.3	18.2	19.1	20.0	20.9	21.8
181	13.6	14.5	15.4	16.3	17.2	18.1	19.0	19.9	20.8	21.7
182	13.5	14.5	15.4	16.3	17.2	18.1	19.0	19.9	20.8	21.7
183	13.5	14.4	15.3	16.2	17.1	18.0	18.9	19.8	20.7	21.6
184	13.4	14.4	15.3	16.2	17.1	18.0	18.9	19.8	20.7	21.6
185	13.4	14.3	15.2	16.1	17.0	17.9	18.8	19.7	20.6	21.5
186	13.4	14.3	15.2	16.1	17.0	17.9	18.8	19.7	20.6	21.4
187	13.3	14.2	15.1	16.0	16.9	17.8	18.7	19.6	20.5	21.4
188	13.3	14.2	15.1	16.0	16.9	17.8	18.7	19.6	20.5	21.3
189	13.2	14.1	15.0	15.9	16.8	17.7	18.6	19.5	20.4	21.3
190	13.2	14.1	15.0	15.9	16.8	17.7	18.6	19.5	20.3	21.2
191	13.1	14.0	14.9	15.8	16.7	17.6	18.5	19.4	20.3	21.2
192	13.1	14.0	14.9	15.8	16.7	17.6	18.4	19.3	20.2	21.1
193	13.0	13.9	14.8	15.7	16.6	17.5	18.4	19.3	20.2	21.1
194	13.0	13.9	14.8	15.7	16.6	17.4	18.3	19.2	20.1	21.0
195	12.9	13.8	14.7	15.6	16.5	17.4	18.3	19.2	20.1	21.0

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TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	30	31	32	33	34	35	36	37	38	39
	Corresponding degrees A. P. I. at 60° F.									
0	34.2	35.3	36.4	37.4	38.5	39.6	40.7	41.8	42.9	44.0
1	34.1	35.2	36.3	37.3	38.4	39.5	40.6	41.7	42.8	43.9
2	34.0	35.1	36.2	37.2	38.3	39.4	40.5	41.6	42.7	43.8
3	34.0	35.0	36.1	37.2	38.2	39.3	40.4	41.5	42.6	43.7
4	33.9	34.9	36.0	37.1	38.2	39.2	40.3	41.4	42.5	43.6
5	33.8	34.9	36.0	37.0	38.1	39.2	40.2	41.3	42.4	43.5
6	33.7	34.8	35.9	36.9	38.0	39.1	40.1	41.2	42.3	43.4
7	33.7	34.7	35.8	36.8	37.9	39.0	40.1	41.1	42.2	43.3
8	33.6	34.7	35.7	36.8	37.8	38.9	40.0	41.1	42.1	43.2
9	33.5	34.6	35.7	36.7	37.8	38.9	39.9	41.0	42.1	43.1
10	33.4	34.5	35.6	36.6	37.7	38.8	39.8	40.9	42.0	43.1
11	33.4	34.4	35.5	36.5	37.6	38.7	39.7	40.8	41.9	43.0
12	33.3	34.4	35.4	36.5	37.5	38.6	39.7	40.7	41.8	42.9
13	33.2	34.3	35.3	36.4	37.5	38.5	39.6	40.6	41.7	42.8
14	33.1	34.2	35.3	36.3	37.4	38.5	39.5	40.6	41.6	42.7
15	33.1	34.1	35.2	36.2	37.3	38.4	39.4	40.5	41.6	42.6
16	33.0	34.1	35.1	36.2	37.2	38.3	39.3	40.4	41.5	42.5
17	32.9	34.0	35.0	36.1	37.1	38.2	39.3	40.3	41.4	42.5
18	32.9	33.9	35.0	36.0	37.1	38.2	39.2	40.3	41.3	42.4
19	32.8	33.8	34.9	36.0	37.0	38.1	39.1	40.2	41.2	42.3
20	32.7	33.8	34.8	35.9	36.9	38.0	39.0	40.1	41.2	42.2
21	32.6	33.7	34.7	35.8	36.8	37.9	39.0	40.0	41.1	42.1
22	32.6	33.6	34.7	35.7	36.8	37.8	38.9	39.9	41.0	42.1
23	32.5	33.6	34.6	35.7	36.7	37.8	38.8	39.9	40.9	42.0
24	32.4	33.5	34.5	35.6	36.6	37.7	38.7	39.8	40.8	41.9
25	32.4	33.4	34.5	35.5	36.5	37.6	38.6	39.7	40.7	41.8
26	32.3	33.3	34.4	35.4	36.5	37.5	38.6	39.6	40.7	41.7
27	32.2	33.3	34.3	35.3	36.4	37.4	38.5	39.5	40.6	41.6
28	32.2	33.2	34.2	35.3	36.3	37.4	38.4	39.4	40.5	41.5
29	32.1	33.1	34.2	35.2	36.2	37.3	38.3	39.4	40.4	41.5
30	32.0	33.0	34.1	35.1	36.1	37.2	38.2	39.3	40.3	41.4
31	31.9	33.0	34.0	35.0	36.1	37.1	38.2	39.2	40.3	41.3
32	31.9	32.9	34.0	35.0	36.0	37.1	38.1	39.1	40.2	41.2
33	31.8	32.8	33.9	34.9	35.9	37.0	38.0	39.0	40.1	41.1
34	31.7	32.8	33.8	34.8	35.9	36.9	37.9	39.0	40.0	41.1
35	31.7	32.7	33.7	34.8	35.8	36.8	37.9	38.9	40.0	41.0
36	31.6	32.6	33.7	34.7	35.7	36.8	37.8	38.8	39.9	40.9
37	31.5	32.6	33.6	34.6	35.6	36.7	37.7	38.7	39.8	40.8
38	31.5	32.5	33.5	34.6	35.6	36.6	37.6	38.7	39.7	40.7
39	31.4	32.4	33.5	34.5	35.5	36.5	37.6	38.6	39.6	40.7
40	31.3	32.3	33.4	34.4	35.4	36.5	37.5	38.5	39.5	40.6
41	31.3	32.3	33.3	34.3	35.4	36.4	37.4	38.4	39.4	40.5
42	31.2	32.2	33.2	34.3	35.3	36.3	37.3	38.3	39.4	40.4
43	31.1	32.1	33.2	34.2	35.2	36.2	37.2	38.2	39.3	40.3
44	31.0	32.1	33.1	34.1	35.1	36.2	37.2	38.2	39.2	40.3
45	31.0	32.0	33.0	34.1	35.1	36.1	37.1	38.1	39.2	40.2
46	30.9	31.9	32.9	34.0	35.0	36.0	37.0	38.1	39.1	40.1
47	30.8	31.9	32.9	33.9	34.9	36.0	37.0	38.0	39.0	40.0
48	30.8	31.8	32.8	33.8	34.8	35.9	36.9	37.9	38.9	40.0
49	30.7	31.7	32.8	33.8	34.8	35.8	36.8	37.8	38.8	39.9
50	30.7	31.7	32.7	33.7	34.7	35.7	36.7	37.7	38.8	39.8
51	30.6	31.6	32.6	33.6	34.7	35.7	36.7	37.7	38.7	39.7
52	30.5	31.5	32.6	33.6	34.6	35.6	36.6	37.6	38.6	39.6
53	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5	39.6
54	30.4	31.4	32.4	33.4	34.4	35.4	36.4	37.5	38.5	39.5
55	30.3	31.3	32.3	33.4	34.4	35.4	36.4	37.4	38.4	39.4
56	30.2	31.2	32.3	33.3	34.3	35.3	36.3	37.3	38.3	39.3
57	30.2	31.2	32.2	33.2	34.2	35.2	36.2	37.2	38.2	39.2
58	30.1	31.1	32.1	33.1	34.1	35.1	36.1	37.1	38.1	39.2
59	30.0	31.0	32.1	33.1	34.1	35.1	36.1	37.1	38.1	39.1
60	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
61	29.9	30.9	31.9	32.9	33.9	34.9	35.9	36.9	37.9	38.9
62	29.9	30.9	31.9	32.9	33.9	34.9	35.9	36.9	37.9	38.9
63	29.8	30.8	31.8	32.8	33.8	34.8	35.8	36.8	37.8	38.8
64	29.7	30.7	31.7	32.7	33.7	34.7	35.7	36.7	37.7	38.7

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	30	31	32	33	34	35	36	37	38	39
	Corresponding degrees A. P. I. at 60 °F.									
65	29.7	30.7	31.7	32.7	33.7	34.7	35.6	36.6	37.6	38.6
66	29.6	30.6	31.6	32.6	33.6	34.6	35.6	36.6	37.6	38.6
67	29.5	30.5	31.5	32.5	33.5	34.5	35.5	36.5	37.5	38.5
68	29.5	30.5	31.5	32.4	33.4	34.4	35.4	36.4	37.4	38.4
69	29.4	30.4	31.4	32.4	33.4	34.4	35.3	36.3	37.3	38.3
70	29.3	30.3	31.3	32.3	33.3	34.3	35.3	36.2	37.2	38.2
71	29.3	30.2	31.2	32.2	33.2	34.2	35.2	36.2	37.2	38.2
72	29.2	30.2	31.2	32.2	33.1	34.1	35.1	36.1	37.1	38.1
73	29.1	30.1	31.1	32.1	33.1	34.1	35.0	36.0	37.0	38.0
74	29.1	30.0	31.0	32.0	33.0	34.0	35.0	36.0	36.9	37.9
75	29.0	30.0	31.0	31.9	32.9	33.9	34.9	35.9	36.9	37.9
76	28.9	29.9	30.9	31.9	32.9	33.9	34.8	35.8	36.8	37.8
77	28.9	29.9	30.9	31.8	32.8	33.8	34.8	35.7	36.7	37.7
78	28.8	29.8	30.8	31.7	32.7	33.7	34.7	35.7	36.7	37.6
79	28.7	29.7	30.7	31.7	32.6	33.6	34.6	35.6	36.6	37.6
80	28.7	29.6	30.6	31.6	32.6	33.6	34.6	35.5	36.5	37.5
81	28.6	29.6	30.6	31.5	32.5	33.5	34.5	35.4	36.4	37.4
82	28.5	29.5	30.5	31.5	32.5	33.4	34.4	35.4	36.4	37.3
83	28.5	29.5	30.4	31.4	32.4	33.4	34.3	35.3	36.3	37.2
84	28.4	29.4	30.4	31.3	32.3	33.3	34.3	35.2	36.2	37.2
85	28.4	29.3	30.3	31.3	32.2	33.2	34.2	35.1	36.1	37.1
86	28.3	29.3	30.2	31.2	32.2	33.1	34.1	35.1	36.1	37.0
87	28.2	29.2	30.2	31.1	32.1	33.1	34.1	35.0	36.0	37.0
88	28.2	29.1	30.1	31.1	32.0	33.0	34.0	34.9	35.9	36.9
89	28.1	29.1	30.1	31.0	32.0	33.0	33.9	34.9	35.9	36.8
90	28.0	29.0	30.0	30.9	31.9	32.9	33.8	34.8	35.8	36.7
91	28.0	28.9	29.9	30.9	31.8	32.8	33.8	34.7	35.7	36.7
92	27.9	28.9	29.9	30.8	31.8	32.7	33.7	34.7	35.6	36.6
93	27.9	28.8	29.8	30.7	31.7	32.7	33.6	34.6	35.6	36.5
94	27.8	28.7	29.7	30.7	31.6	32.6	33.6	34.5	35.5	36.5
95	27.7	28.7	29.7	30.6	31.6	32.6	33.5	34.5	35.4	36.4
96	27.7	28.6	29.6	30.5	31.5	32.5	33.5	34.4	35.4	36.3
97	27.6	28.6	29.5	30.5	31.5	32.4	33.4	34.3	35.3	36.2
98	27.5	28.5	29.5	30.4	31.4	32.4	33.3	34.3	35.2	36.2
99	27.5	28.4	29.4	30.4	31.3	32.3	33.3	34.2	35.2	36.1
100	27.4	28.4	29.3	30.3	31.3	32.2	33.2	34.1	35.1	36.1
101	27.3	28.3	29.3	30.2	31.2	32.2	33.1	34.1	35.0	36.0
102	27.3	28.2	29.2	30.2	31.1	32.1	33.0	34.0	34.9	35.9
103	27.2	28.2	29.1	30.1	31.0	32.0	32.9	33.9	34.9	35.8
104	27.2	28.1	29.1	30.0	31.0	31.9	32.9	33.8	34.8	35.7
105	27.1	28.0	29.0	30.0	30.9	31.9	32.8	33.8	34.7	35.7
106	27.0	28.0	29.0	29.9	30.9	31.8	32.8	33.7	34.7	35.6
107	27.0	27.9	28.9	29.8	30.8	31.7	32.7	33.6	34.6	35.5
108	26.9	27.9	28.8	29.8	30.7	31.7	32.6	33.6	34.5	35.5
109	26.9	27.8	28.8	29.7	30.7	31.6	32.6	33.5	34.4	35.4
110	26.8	27.7	28.7	29.6	30.6	31.5	32.5	33.4	34.4	35.3
111	26.7	27.7	28.6	29.6	30.5	31.5	32.4	33.4	34.3	35.2
112	26.7	27.6	28.6	29.5	30.5	31.4	32.3	33.3	34.2	35.2
113	26.6	27.5	28.5	29.4	30.4	31.3	32.3	33.2	34.1	35.1
114	26.5	27.5	28.4	29.4	30.3	31.3	32.2	33.1	34.1	35.0
115	26.5	27.4	28.4	29.3	30.3	31.2	32.1	33.1	34.0	34.9
116	26.4	27.4	28.3	29.3	30.2	31.2	32.1	33.0	34.0	34.9
117	26.4	27.3	28.3	29.2	30.1	31.1	32.0	32.9	33.9	34.8
118	26.3	27.3	28.2	29.1	30.1	31.0	31.9	32.9	33.8	34.7
119	26.3	27.2	28.2	29.1	30.0	31.0	31.9	32.8	33.7	34.7
120	26.2	27.1	28.1	29.0	30.0	30.9	31.8	32.7	33.7	34.6
121	26.1	27.1	28.0	28.9	29.9	30.8	31.7	32.7	33.6	34.5
122	26.1	27.0	28.0	28.9	29.8	30.7	31.7	32.6	33.5	34.5
123	26.0	26.9	27.9	28.8	29.8	30.7	31.6	32.5	33.5	34.4
124	25.9	26.9	27.8	28.7	29.7	30.6	31.6	32.5	33.4	34.3
125	25.9	26.8	27.8	28.7	29.6	30.6	31.5	32.4	33.3	34.3
126	25.8	26.8	27.7	28.6	29.6	30.5	31.4	32.3	33.3	34.2
127	25.8	26.7	27.6	28.6	29.5	30.4	31.3	32.3	33.2	34.1
128	25.7	26.6	27.6	28.5	29.4	30.4	31.3	32.2	33.1	34.1
129	25.6	26.6	27.5	28.4	29.4	30.3	31.2	32.1	33.1	34.0

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in ° F.	Observed degrees A. P. I.									
	30	31	32	33	34	35	36	37	38	39
	Corresponding degrees A. P. I. at 60° F.									
130	25.6	26.5	27.4	28.4	29.3	30.2	31.2	32.1	33.0	33.9
131	25.5	26.4	27.4	28.3	29.2	30.2	31.1	32.0	32.9	33.9
132	25.5	26.4	27.3	28.3	29.2	30.1	31.0	31.9	32.9	33.8
133	25.4	26.3	27.3	28.2	29.1	30.1	31.0	31.9	32.8	33.7
134	25.3	26.3	27.2	28.1	29.1	30.0	30.9	31.8	32.7	33.6
135	25.3	26.2	27.1	28.1	29.0	29.9	30.8	31.7	32.7	33.6
136	25.2	26.1	27.1	28.0	28.9	29.9	30.8	31.7	32.6	33.5
137	25.2	26.1	27.0	27.9	28.9	29.8	30.7	31.6	32.6	33.5
138	25.1	26.0	27.0	27.9	28.8	29.7	30.6	31.6	32.5	33.4
139	25.0	26.0	26.9	27.8	28.7	29.7	30.6	31.5	32.4	33.3
140	25.0	25.9	26.8	27.7	28.7	29.6	30.5	31.4	32.3	33.2
141	24.9	25.8	26.8	27.7	28.6	29.5	30.4	31.3	32.3	33.2
142	24.9	25.8	26.7	27.6	28.5	29.5	30.4	31.3	32.2	33.1
143	24.8	25.7	26.6	27.6	28.5	29.4	30.3	31.2	32.1	33.0
144	24.7	25.7	26.6	27.5	28.4	29.3	30.2	31.2	32.1	33.0
145	24.7	25.6	26.5	27.4	28.4	29.3	30.2	31.1	32.0	32.9
146	24.6	25.6	26.5	27.4	28.3	29.2	30.1	31.0	32.0	32.9
147	24.6	25.5	26.4	27.3	28.3	29.2	30.1	31.0	31.9	32.8
148	24.5	25.4	26.4	27.3	28.2	29.1	30.0	30.9	31.8	32.7
149	24.5	25.4	26.3	27.2	28.1	29.1	30.0	30.9	31.8	32.7
150	24.4	25.3	26.3	27.2	28.1	29.0	29.9	30.8	31.7	32.6
151	24.4	25.3	26.2	27.1	28.0	28.9	29.8	30.7	31.6	32.5
152	24.3	25.2	26.1	27.0	28.0	28.9	29.8	30.7	31.6	32.5
153	24.3	25.2	26.1	27.0	27.9	28.8	29.7	30.6	31.5	32.4
154	24.2	25.1	26.0	26.9	27.8	28.7	29.6	30.5	31.4	32.3
155	24.1	25.0	25.9	26.9	27.8	28.7	29.6	30.5	31.4	32.3
156	24.1	25.0	25.9	26.8	27.7	28.6	29.5	30.4	31.3	32.2
157	24.0	24.9	25.8	26.7	27.6	28.5	29.4	30.3	31.2	32.1
158	23.9	24.8	25.8	26.7	27.6	28.5	29.4	30.3	31.2	32.1
159	23.9	24.8	25.7	26.6	27.5	28.4	29.3	30.2	31.1	32.0
160	23.8	24.7	25.6	26.5	27.4	28.4	29.3	30.2	31.1	31.9
161	23.8	24.7	25.6	26.5	27.4	28.3	29.2	30.1	31.0	31.9
162	23.7	24.6	25.5	26.4	27.3	28.2	29.1	30.0	30.9	31.8
163	23.7	24.6	25.5	26.4	27.3	28.2	29.1	30.0	30.9	31.7
164	23.6	24.5	25.4	26.3	27.2	28.1	29.0	29.9	30.8	31.7
165	23.5	24.4	25.3	26.2	27.1	28.0	28.9	29.8	30.7	31.6
166	23.5	24.4	25.3	26.2	27.1	28.0	28.9	29.8	30.7	31.6
167	23.4	24.3	25.2	26.1	27.0	27.9	28.8	29.7	30.6	31.5
168	23.4	24.3	25.2	26.1	27.0	27.9	28.7	29.6	30.5	31.4
169	23.3	24.2	25.1	26.0	26.9	27.8	28.7	29.6	30.5	31.3
170	23.2	24.1	25.0	25.9	26.8	27.7	28.6	29.5	30.4	31.3
171	23.2	24.1	25.0	25.9	26.8	27.7	28.6	29.5	30.4	31.2
172	23.1	24.0	24.9	25.8	26.7	27.6	28.5	29.4	30.3	31.2
173	23.1	24.0	24.9	25.8	26.7	27.6	28.5	29.3	30.2	31.1
174	23.0	23.9	24.8	25.7	26.6	27.5	28.4	29.3	30.2	31.0
175	22.9	23.8	24.7	25.6	26.5	27.4	28.3	29.2	30.1	31.0
176	22.9	23.8	24.7	25.6	26.5	27.4	28.3	29.1	30.0	30.9
177	22.8	23.7	24.6	25.5	26.4	27.3	28.2	29.1	30.0	30.9
178	22.8	23.7	24.6	25.5	26.4	27.3	28.1	29.0	29.9	30.8
179	22.7	23.6	24.5	25.4	26.3	27.2	28.1	29.0	29.9	30.7
180	22.7	23.6	24.5	25.3	26.2	27.1	28.0	28.9	29.8	30.7
181	22.6	23.5	24.4	25.3	26.2	27.1	28.0	28.8	29.7	30.6
182	22.6	23.5	24.4	25.2	26.1	27.0	27.9	28.8	29.7	30.5
183	22.5	23.4	24.3	25.2	26.1	27.0	27.8	28.7	29.6	30.5
184	22.5	23.4	24.3	25.1	26.0	26.9	27.8	28.6	29.5	30.4
185	22.4	23.3	24.2	25.1	25.9	26.8	27.7	28.6	29.5	30.3
186	22.3	23.2	24.1	25.0	25.9	26.8	27.6	28.5	29.4	30.3
187	22.3	23.2	24.1	25.0	25.8	26.7	27.6	28.5	29.3	30.2
188	22.2	23.1	24.0	24.9	25.8	26.6	27.5	28.4	29.3	30.1
189	22.2	23.1	24.0	24.8	25.7	26.6	27.5	28.3	29.2	30.1
190	22.1	23.0	23.9	24.8	25.7	26.5	27.4	28.3	29.1	30.0
191	22.1	22.9	23.8	24.7	25.6	26.5	27.3	28.2	29.1	30.0
192	22.0	22.9	23.8	24.7	25.5	26.4	27.3	28.2	29.0	29.9
193	21.9	22.8	23.7	24.6	25.5	26.4	27.2	28.1	29.0	29.8
194	21.9	22.8	23.7	24.5	25.4	26.3	27.2	28.0	28.9	29.8
195	21.8	22.7	23.6	24.5	25.4	26.3	27.1	28.0	28.9	29.7

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	40	41	42	43	44	45	46	47	48	49
	Corresponding degrees A. P. I. at 60° F.									
0	45.1	46.2	47.3	48.4	49.5	50.7	51.8	52.9	54.1	55.2
1	45.0	46.1	47.2	48.3	49.4	50.6	51.7	52.8	54.0	55.1
2	44.9	46.0	47.1	48.2	49.3	50.5	51.6	52.7	53.8	55.0
3	44.8	45.9	47.0	48.1	49.2	50.4	51.5	52.6	53.7	54.9
4	44.7	45.8	46.9	48.0	49.1	50.3	51.4	52.5	53.6	54.7
5	44.6	45.7	46.8	47.9	49.0	50.1	51.3	52.4	53.5	54.6
6	44.5	45.6	46.7	47.8	48.9	50.0	51.2	52.3	53.4	54.5
7	44.4	45.5	46.6	47.7	48.8	49.9	51.1	52.2	53.3	54.4
8	44.3	45.4	46.5	47.6	48.7	49.8	51.0	52.1	53.2	54.3
9	44.2	45.3	46.4	47.5	48.6	49.7	50.9	52.0	53.1	54.2
10	44.1	45.2	46.3	47.4	48.5	49.6	50.8	51.9	53.0	54.1
11	44.0	45.1	46.2	47.3	48.4	49.5	50.7	51.8	52.9	54.0
12	43.9	45.0	46.1	47.2	48.3	49.4	50.5	51.6	52.8	53.9
13	43.9	45.0	46.1	47.1	48.2	49.3	50.4	51.5	52.6	53.7
14	43.8	44.9	46.0	47.0	48.1	49.2	50.3	51.4	52.5	53.6
15	43.7	44.8	45.9	46.9	48.0	49.1	50.2	51.3	52.4	53.5
16	43.6	44.7	45.8	46.8	47.9	49.0	50.1	51.2	52.3	53.4
17	43.5	44.6	45.7	46.8	47.8	48.9	50.0	51.1	52.2	53.3
18	43.4	44.5	45.6	46.7	47.7	48.8	49.9	51.0	52.1	53.2
19	43.4	44.4	45.5	46.6	47.7	48.7	49.8	50.9	52.0	53.1
20	43.3	44.3	45.4	46.5	47.6	48.7	49.7	50.8	51.9	53.0
21	43.2	44.3	45.3	46.4	47.5	48.6	49.6	50.7	51.8	52.9
22	43.1	44.2	45.2	46.3	47.4	48.5	49.5	50.6	51.7	52.8
23	43.0	44.1	45.2	46.2	47.3	48.4	49.4	50.5	51.6	52.7
24	42.9	44.0	45.1	46.1	47.2	48.3	49.3	50.4	51.5	52.6
25	42.8	43.9	45.0	46.0	47.1	48.2	49.2	50.3	51.4	52.5
26	42.8	43.8	44.9	45.9	47.0	48.1	49.1	50.2	51.3	52.4
27	42.7	43.7	44.8	45.9	46.9	48.0	49.0	50.1	51.2	52.3
28	42.6	43.6	44.7	45.8	46.8	47.9	49.0	50.0	51.1	52.2
29	42.5	43.6	44.6	45.7	46.7	47.8	48.9	49.9	51.0	52.1
30	42.4	43.5	44.5	45.6	46.6	47.7	48.8	49.8	50.9	52.0
31	42.4	43.4	44.5	45.5	46.6	47.6	48.7	49.7	50.8	51.9
32	42.3	43.3	44.4	45.4	46.5	47.5	48.6	49.6	50.7	51.7
33	42.2	43.2	44.3	45.3	46.4	47.4	48.5	49.5	50.6	51.6
34	42.1	43.1	44.2	45.2	46.3	47.3	48.4	49.4	50.5	51.5
35	42.0	43.1	44.1	45.2	46.2	47.2	48.3	49.3	50.4	51.4
36	41.9	43.0	44.0	45.1	46.1	47.2	48.2	49.2	50.3	51.3
37	41.8	42.9	43.9	45.0	46.0	47.1	48.1	49.1	50.2	51.2
38	41.8	42.8	43.9	44.9	45.9	47.0	48.0	49.0	50.1	51.1
39	41.7	42.7	43.8	44.8	45.8	46.9	47.9	49.0	50.0	51.0
40	41.6	42.6	43.7	44.7	45.7	46.8	47.8	48.9	49.9	50.9
41	41.5	42.5	43.6	44.6	45.6	46.7	47.7	48.8	49.8	50.8
42	41.4	42.5	43.5	44.5	45.6	46.6	47.6	48.7	49.7	50.8
43	41.3	42.4	43.4	44.4	45.5	46.5	47.5	48.6	49.6	50.7
44	41.3	42.3	43.3	44.4	45.4	46.4	47.5	48.5	49.5	50.6
45	41.2	42.2	43.3	44.3	45.3	46.3	47.4	48.4	49.4	50.5
46	41.1	42.1	43.2	44.2	45.2	46.2	47.3	48.3	49.3	50.4
47	41.0	42.0	43.1	44.1	45.1	46.1	47.2	48.2	49.2	50.3
48	41.0	42.0	43.0	44.0	45.0	46.1	47.1	48.1	49.1	50.2
49	40.9	41.9	42.9	43.9	44.9	46.0	47.0	48.0	49.0	50.1

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	40	41	42	43	44	45	46	47	48	49
	Corresponding degrees A. P. I. at 60° F.									
50	40.8	41.8	42.8	43.8	44.8	45.9	46.9	47.9	48.9	50.0
51	40.7	41.7	42.7	43.7	44.7	45.8	46.8	47.8	48.8	49.9
52	40.6	41.6	42.7	43.7	44.7	45.7	46.7	47.7	48.7	49.8
53	40.6	41.6	42.6	43.6	44.6	45.6	46.6	47.6	48.6	49.7
54	40.5	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.6
55	40.4	41.4	42.4	43.4	44.4	45.4	46.4	47.5	48.5	49.5
56	40.3	41.3	42.3	43.3	44.3	45.4	46.4	47.4	48.4	49.4
57	40.2	41.2	42.3	43.3	44.3	45.3	46.3	47.3	48.3	49.3
58	40.2	41.2	42.2	43.2	44.2	45.2	46.2	47.2	48.2	49.2
59	40.1	41.1	42.1	43.1	44.1	45.1	46.1	47.1	48.1	49.1
60	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
61	39.9	40.9	41.9	42.9	43.9	44.9	45.9	46.9	47.9	48.9
62	39.8	40.8	41.9	42.8	43.8	44.8	45.8	46.8	47.8	48.8
63	39.8	40.8	41.8	42.8	43.7	44.7	45.7	46.7	47.7	48.7
64	39.7	40.7	41.7	42.7	43.7	44.6	45.6	46.6	47.6	48.6
65	39.6	40.6	41.6	42.6	43.6	44.6	45.6	46.6	47.5	48.5
66	39.5	40.5	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.4
67	39.5	40.5	41.5	42.4	43.4	44.4	45.4	46.4	47.4	48.3
68	39.4	40.4	41.4	42.3	43.3	44.3	45.3	46.3	47.3	48.2
69	39.3	40.3	41.3	42.2	43.2	44.2	45.2	46.2	47.2	48.2
70	39.2	40.2	41.2	42.2	43.2	44.1	45.1	46.1	47.1	48.1
71	39.2	40.1	41.1	42.1	43.1	44.1	45.0	46.0	47.0	48.0
72	39.1	40.1	41.1	42.0	43.0	44.0	45.0	45.9	46.9	47.9
73	39.0	40.0	41.0	41.9	42.9	43.9	44.9	45.8	46.8	47.8
74	38.9	39.9	40.9	41.8	42.8	43.8	44.8	45.7	46.7	47.7
75	38.8	39.8	40.8	41.8	42.7	43.7	44.7	45.7	46.6	47.6
76	38.8	39.7	40.7	41.7	42.7	43.6	44.6	45.6	46.6	47.5
77	38.7	39.7	40.7	41.6	42.6	43.6	44.5	45.5	46.5	47.5
78	38.6	39.6	40.6	41.5	42.5	43.5	44.4	45.4	46.4	47.4
79	38.5	39.5	40.5	41.4	42.4	43.4	44.4	45.3	46.3	47.3
80	38.4	39.4	40.4	41.3	42.3	43.3	44.3	45.2	46.2	47.2
81	38.4	39.3	40.3	41.3	42.2	43.2	44.2	45.1	46.1	47.1
82	38.3	39.3	40.3	41.2	42.2	43.1	44.1	45.1	46.0	47.0
83	38.2	39.2	40.2	41.1	42.1	43.1	44.0	45.0	46.0	46.9
84	38.1	39.1	40.1	41.0	42.0	43.0	43.9	44.9	45.9	46.8
85	38.1	39.0	40.0	41.0	41.9	42.9	43.8	44.8	45.8	46.7
86	38.0	38.9	39.9	40.9	41.8	42.8	43.7	44.7	45.7	46.6
87	37.9	38.9	39.9	40.8	41.8	42.7	43.7	44.6	45.6	46.6
88	37.9	38.8	39.8	40.7	41.7	42.6	43.6	44.5	45.5	46.5
89	37.8	38.7	39.7	40.6	41.6	42.5	43.5	44.5	45.4	46.4
90	37.7	38.7	39.6	40.6	41.5	42.5	43.4	44.4	45.4	46.3
91	37.6	38.6	39.5	40.5	41.4	42.4	43.3	44.3	45.3	46.2
92	37.6	38.5	39.5	40.4	41.4	42.3	43.3	44.2	45.2	46.1
93	37.5	38.4	39.4	40.3	41.3	42.2	43.2	44.1	45.1	46.0
94	37.4	38.4	39.3	40.3	41.2	42.2	43.1	44.1	45.0	46.0
95	37.3	38.3	39.2	40.2	41.1	42.1	43.0	44.0	44.9	45.9
96	37.3	38.2	39.2	40.1	41.1	42.0	43.0	43.9	44.8	45.8
97	37.2	38.2	39.1	40.1	41.0	41.9	42.9	43.8	44.8	45.7
98	37.1	38.1	39.0	40.0	40.9	41.9	42.8	43.7	44.7	45.6
99	37.1	38.0	39.0	39.9	40.8	41.8	42.7	43.7	44.6	45.6

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	40	41	42	43	44	45	46	47	48	49
	Corresponding degrees A. P. I. at 60° F.									
100	37.0	37.9	38.9	39.8	40.7	41.7	42.6	43.6	44.5	45.5
101	36.9	37.9	38.8	39.7	40.7	41.6	42.5	43.5	44.4	45.4
102	36.8	37.8	38.7	39.7	40.6	41.5	42.5	43.4	44.3	45.3
103	36.7	37.7	38.6	39.6	40.5	41.5	42.4	43.3	44.3	45.2
104	36.7	37.6	38.6	39.5	40.4	41.4	42.3	43.3	44.2	45.1
105	36.6	37.6	38.5	39.4	40.4	41.3	42.2	43.2	44.1	45.0
106	36.5	37.5	38.4	39.3	40.3	41.2	42.1	43.1	44.0	44.9
107	36.5	37.4	38.4	39.3	40.2	41.2	42.1	43.0	43.9	44.8
108	36.4	37.3	38.3	39.2	40.1	41.1	42.0	42.9	43.8	44.8
109	36.3	37.3	38.2	39.1	40.1	41.0	41.9	42.8	43.7	44.7
110	36.2	37.2	38.1	39.0	40.0	40.9	41.8	42.8	43.7	44.6
111	36.2	37.1	38.1	39.0	39.9	40.8	41.8	42.7	43.6	44.5
112	36.1	37.0	38.0	38.9	39.8	40.8	41.7	42.6	43.5	44.4
113	36.0	36.9	37.9	38.8	39.7	40.7	41.6	42.5	43.4	44.4
114	36.0	36.9	37.8	38.8	39.7	40.6	41.5	42.4	43.3	44.3
115	35.9	36.8	37.8	38.7	39.6	40.5	41.4	42.4	43.3	44.2
116	35.8	36.7	37.7	38.6	39.5	40.4	41.3	42.3	43.2	44.1
117	35.7	36.7	37.6	38.5	39.4	40.4	41.3	42.2	43.1	44.0
118	35.7	36.6	37.5	38.4	39.4	40.3	41.2	42.1	43.0	44.0
119	35.6	36.5	37.5	38.4	39.3	40.2	41.1	42.1	43.0	43.9
120	35.5	36.5	37.4	38.3	39.2	40.2	41.1	42.0	42.9	43.8
121	35.5	36.4	37.3	38.2	39.1	40.1	41.0	41.9	42.8	43.7
122	35.4	36.3	37.2	38.1	39.1	40.0	40.9	41.8	42.7	43.6
123	35.3	36.2	37.2	38.1	39.0	39.9	40.8	41.7	42.6	43.6
124	35.3	36.2	37.1	38.0	38.9	39.8	40.7	41.6	42.5	43.5
125	35.2	36.1	37.0	37.9	38.9	39.8	40.7	41.6	42.5	43.4
126	35.1	36.0	37.0	37.9	38.8	39.7	40.6	41.5	42.4	43.3
127	35.1	36.0	36.9	37.8	38.7	39.6	40.5	41.4	42.3	43.3
128	35.0	35.9	36.8	37.7	38.6	39.6	40.5	41.4	42.3	43.2
129	34.9	35.8	36.7	37.7	38.6	39.5	40.4	41.3	42.2	43.1
130	34.8	35.8	36.7	37.6	38.5	39.4	40.3	41.2	42.1	43.0
131	34.8	35.7	36.6	37.5	38.4	39.3	40.2	41.1	42.0	42.9
132	34.7	35.6	36.5	37.4	38.4	39.3	40.2	41.1	42.0	42.9
133	34.6	35.6	36.5	37.4	38.3	39.2	40.1	41.0	41.9	42.8
134	34.6	35.5	36.4	37.3	38.2	39.1	40.0	40.9	41.8	42.7
135	34.5	35.4	36.3	37.2	38.1	39.0	39.9	40.8	41.7	42.6
136	34.5	35.4	36.3	37.2	38.1	39.0	39.9	40.7	41.6	42.5
137	34.4	35.3	36.2	37.1	38.0	38.9	39.8	40.7	41.5	42.4
138	34.3	35.2	36.1	37.0	37.9	38.8	39.7	40.6	41.5	42.4
139	34.2	35.1	36.0	36.9	37.8	38.7	39.6	40.5	41.4	42.3
140	34.2	35.1	36.0	36.9	37.8	38.7	39.5	40.4	41.3	42.2
141	34.1	35.0	35.9	36.8	37.7	38.6	39.5	40.4	41.2	42.1
142	34.0	34.9	35.8	36.7	37.6	38.5	39.4	40.3	41.2	42.1
143	34.0	34.9	35.8	36.6	37.5	38.4	39.3	40.2	41.1	42.0
144	33.9	34.8	35.7	36.6	37.5	38.3	39.2	40.1	41.0	41.9
145	33.8	34.7	35.6	36.5	37.4	38.3	39.2	40.1	40.9	41.8
146	33.8	34.7	35.6	36.4	37.3	38.2	39.1	40.0	40.9	41.8
147	33.7	34.6	35.5	36.3	37.2	38.1	39.0	39.9	40.8	41.7
148	33.6	34.5	35.4	36.3	37.2	38.1	39.0	39.8	40.7	41.6
149	33.6	34.5	35.4	36.2	37.1	38.0	38.9	39.8	40.6	41.5
150	33.5	34.4	35.3	36.1	37.0	37.9	38.8	39.7	40.6	41.5

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	50	51	52	53	54	55	56	57	58	59
	Corresponding degrees A. P. I. at 60° F.									
0	56.3	57.5	58.6	59.7	60.8	61.9	63.1	64.2	65.3	66.4
1	56.2	57.4	58.5	59.6	60.7	61.8	62.9	64.0	65.2	66.3
2	56.1	57.2	58.4	59.5	60.6	61.7	62.8	63.9	65.0	66.2
3	56.0	57.1	58.2	59.3	60.4	61.5	62.6	63.8	64.9	66.0
4	55.8	57.0	58.1	59.2	60.3	61.4	62.5	63.6	64.8	65.9
5	55.7	56.9	58.0	59.1	60.2	61.3	62.4	63.5	64.6	65.8
6	55.6	56.8	57.9	59.0	60.1	61.2	62.3	63.4	64.5	65.6
7	55.5	56.6	57.7	58.8	59.9	61.0	62.2	63.3	64.4	65.5
8	55.4	56.5	57.6	58.7	59.8	60.9	62.0	63.1	64.2	65.4
9	55.3	56.4	57.5	58.6	59.7	60.8	61.9	63.0	64.1	65.2
10	55.2	56.3	57.4	58.5	59.6	60.7	61.8	62.9	64.0	65.1
11	55.1	56.2	57.3	58.4	59.5	60.6	61.7	62.8	63.9	65.0
12	55.0	56.1	57.2	58.3	59.4	60.4	61.5	62.6	63.7	64.8
13	54.8	55.9	57.0	58.1	59.2	60.3	61.4	62.5	63.6	64.7
14	54.7	55.8	56.9	58.0	59.1	60.2	61.3	62.4	63.5	64.6
15	54.6	55.7	56.8	57.9	59.0	60.1	61.2	62.3	63.4	64.4
16	54.5	55.6	56.7	57.8	58.9	59.9	61.0	62.1	63.2	64.3
17	54.4	55.5	56.6	57.6	58.7	59.8	60.9	62.0	63.1	64.2
18	54.3	55.4	56.5	57.5	58.6	59.7	60.8	61.9	63.0	64.0
19	54.2	55.3	56.3	57.4	58.5	59.6	60.7	61.8	62.8	63.9
20	54.1	55.2	56.2	57.3	58.4	59.5	60.5	61.6	62.7	63.8
21	54.0	55.1	56.1	57.2	58.3	59.4	60.4	61.5	62.6	63.7
22	53.9	54.9	56.0	57.1	58.2	59.2	60.3	61.4	62.5	63.5
23	53.8	54.8	55.9	57.0	58.0	59.1	60.2	61.3	62.4	63.4
24	53.6	54.7	55.8	56.9	57.9	59.0	60.1	61.2	62.2	63.3
25	53.5	54.6	55.7	56.8	57.8	58.9	60.0	61.0	62.1	63.2
26	53.4	54.5	55.6	56.6	57.7	58.8	59.8	60.9	62.0	63.0
27	53.3	54.4	55.5	56.5	57.6	58.7	59.7	60.8	61.9	62.9
28	53.2	54.3	55.4	56.4	57.5	58.5	59.6	60.7	61.8	62.8
29	53.1	54.2	55.3	56.3	57.4	58.4	59.5	60.5	61.6	62.6
30	53.0	54.1	55.1	56.2	57.2	58.3	59.4	60.4	61.5	62.5
31	52.9	54.0	55.0	56.1	57.1	58.2	59.3	60.3	61.4	62.4
32	52.8	53.9	54.9	56.0	57.0	58.1	59.2	60.2	61.3	62.3
33	52.7	53.8	54.8	55.9	56.9	58.0	59.0	60.1	61.2	62.2
34	52.6	53.7	54.7	55.8	56.8	57.8	58.9	59.9	61.0	62.0
35	52.5	53.5	54.6	55.6	56.7	57.7	58.8	59.8	60.9	61.9
36	52.4	53.4	54.5	55.5	56.6	57.6	58.7	59.7	60.8	61.8
37	52.3	53.3	54.4	55.4	56.5	57.5	58.6	59.6	60.7	61.7
38	52.2	53.2	54.3	55.3	56.4	57.4	58.4	59.5	60.5	61.6
39	52.1	53.1	54.2	55.2	56.2	57.3	58.3	59.4	60.4	61.5
40	52.0	53.0	54.1	55.1	56.1	57.2	58.2	59.2	60.3	61.3
41	51.9	52.9	54.0	55.0	56.0	57.1	58.1	59.1	60.2	61.2
42	51.8	52.8	53.8	54.9	55.9	56.9	58.0	59.0	60.1	61.1
43	51.7	52.7	53.7	54.8	55.8	56.8	57.9	58.9	59.9	61.0
44	51.6	52.6	53.6	54.7	55.7	56.7	57.8	58.8	59.8	60.9
45	51.5	52.5	53.5	54.6	55.6	56.6	57.6	58.7	59.7	60.7
46	51.4	52.4	53.4	54.5	55.5	56.5	57.5	58.6	59.6	60.6
47	51.3	52.3	53.3	54.3	55.4	56.4	57.4	58.4	59.5	60.5
48	51.2	52.2	53.2	54.2	55.3	56.3	57.3	58.3	59.3	60.4
49	51.1	52.1	53.1	54.1	55.2	56.2	57.2	58.2	59.2	60.3
50	51.0	52.0	53.0	54.0	55.1	56.1	57.1	58.1	59.1	60.2
51	50.9	51.9	52.9	53.9	55.0	56.0	57.0	58.0	59.0	60.1
52	50.8	51.8	52.8	53.8	54.9	55.9	56.9	57.9	58.9	59.9
53	50.7	51.7	52.7	53.7	54.7	55.7	56.7	57.8	58.8	59.8
54	50.6	51.6	52.6	53.6	54.6	55.6	56.6	57.6	58.6	59.7
55	50.5	51.5	52.5	53.5	54.5	55.5	56.5	57.5	58.5	59.6
56	50.4	51.4	52.4	53.4	54.4	55.4	56.4	57.4	58.4	59.4
57	50.3	51.3	52.3	53.3	54.3	55.3	56.3	57.3	58.3	59.3
58	50.2	51.2	52.2	53.2	54.2	55.2	56.2	57.2	58.2	59.2
59	50.1	51.1	52.1	53.1	54.1	55.1	56.1	57.1	58.1	59.1
60	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
61	49.9	50.9	51.9	52.9	53.9	54.9	55.9	56.9	57.9	58.9
62	49.8	50.8	51.8	52.8	53.8	54.8	55.8	56.8	57.8	58.8
63	49.7	50.7	51.7	52.7	53.7	54.7	55.7	56.6	57.6	58.6
64	49.6	50.6	51.6	52.6	53.6	54.6	55.6	56.5	57.5	58.5

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	50	51	52	53	54	55	56	57	58	59
	Corresponding degrees A. P. I. at 60° F.									
65	49.5	50.5	51.5	52.5	53.5	54.5	55.4	56.4	57.4	58.4
66	49.4	50.4	51.4	52.4	53.4	54.4	55.3	56.3	57.3	58.3
67	49.3	50.3	51.3	52.3	53.3	54.3	55.2	56.2	57.2	58.2
68	49.2	50.2	51.2	52.2	53.2	54.2	55.1	56.1	57.1	58.1
69	49.1	50.1	51.1	52.1	53.1	54.1	55.0	56.0	57.0	58.0
70	49.0	50.0	51.0	52.0	53.0	54.0	54.9	55.9	56.9	57.9
71	49.0	50.0	50.9	51.9	52.9	53.9	54.8	55.8	56.8	57.8
72	48.9	49.9	50.8	51.8	52.8	53.8	54.7	55.7	56.7	57.7
73	48.8	49.8	50.7	51.7	52.7	53.7	54.6	55.6	56.6	57.6
74	48.7	49.7	50.6	51.6	52.6	53.6	54.5	55.5	56.5	57.4
75	48.6	49.6	50.5	51.5	52.5	53.5	54.4	55.4	56.4	57.3
76	48.5	49.5	50.4	51.4	52.4	53.4	54.3	55.3	56.3	57.2
77	48.4	49.4	50.4	51.3	52.3	53.3	54.2	55.2	56.1	57.1
78	48.3	49.3	50.3	51.2	52.2	53.2	54.1	55.1	56.0	57.0
79	48.2	49.2	50.2	51.1	52.1	53.1	54.0	55.0	55.9	56.9
80	48.1	49.1	50.1	51.0	52.0	53.0	53.9	54.9	55.8	56.8
81	48.0	49.0	50.0	50.9	51.9	52.9	53.8	54.8	55.7	56.7
82	48.0	48.9	49.9	50.8	51.8	52.8	53.7	54.7	55.6	56.6
83	47.9	48.8	49.8	50.8	51.7	52.7	53.6	54.6	55.5	56.5
84	47.8	48.8	49.7	50.7	51.6	52.6	53.5	54.5	55.4	56.4
85	47.7	48.7	49.6	50.6	51.5	52.5	53.4	54.4	55.3	56.3
86	47.6	48.6	49.5	50.5	51.4	52.4	53.3	54.2	55.2	56.1
87	47.5	48.5	49.4	50.4	51.3	52.3	53.2	54.1	55.1	56.0
88	47.4	48.4	49.3	50.3	51.2	52.2	53.1	54.0	55.0	55.9
89	47.3	48.3	49.2	50.2	51.1	52.1	53.0	53.9	54.9	55.8
90	47.2	48.2	49.1	50.1	51.0	52.0	52.9	53.8	54.8	55.7
91	47.2	48.1	49.0	50.0	50.9	51.9	52.8	53.7	54.7	55.6
92	47.1	48.0	48.9	49.9	50.8	51.8	52.7	53.6	54.6	55.5
93	47.0	47.9	48.8	49.8	50.7	51.7	52.6	53.5	54.5	55.4
94	46.9	47.8	48.8	49.7	50.7	51.6	52.5	53.4	54.4	55.3
95	46.8	47.8	48.7	49.6	50.6	51.5	52.4	53.3	54.3	55.2
96	46.7	47.7	48.6	49.5	50.5	51.4	52.3	53.2	54.2	55.1
97	46.6	47.6	48.5	49.4	50.4	51.3	52.2	53.1	54.1	55.0
98	46.6	47.5	48.4	49.4	50.3	51.2	52.1	53.0	54.0	54.9
99	46.5	47.4	48.3	49.3	50.2	51.1	52.0	52.9	53.9	54.8
100	46.4	47.3	48.2	49.2	50.1	51.0	51.9	52.8	53.8	54.7
101	46.3	47.2	48.1	49.1	50.0	50.9	51.8	52.7	53.7	54.6
102	46.2	47.1	48.0	49.0	49.9	50.8	51.7	52.6	53.6	54.5
103	46.1	47.0	48.0	48.9	49.8	50.7	51.6	52.5	53.5	54.4
104	46.0	47.0	47.9	48.8	49.7	50.6	51.5	52.4	53.4	54.3
105	46.0	46.9	47.8	48.7	49.6	50.5	51.4	52.3	53.3	54.2
106	45.9	46.8	47.7	48.6	49.5	50.4	51.3	52.2	53.2	54.1
107	45.8	46.7	47.6	48.5	49.4	50.4	51.3	52.2	53.1	54.0
108	45.7	46.6	47.5	48.4	49.3	50.3	51.2	52.1	53.0	53.9
109	45.6	46.5	47.4	48.3	49.2	50.2	51.1	52.0	52.9	53.8
110	45.5	46.4	47.3	48.2	49.2	50.1	51.0	51.9	52.8	53.7
111	45.4	46.4	47.3	48.2	49.1	50.0	50.9	51.8	52.7	53.6
112	45.4	46.3	47.2	48.1	49.0	49.9	50.8	51.7	52.6	53.5
113	45.3	46.2	47.1	48.0	48.9	49.8	50.7	51.6	52.5	53.4
114	45.2	46.1	47.0	47.9	48.8	49.7	50.6	51.5	52.4	53.3
115	45.1	46.0	46.9	47.8	48.7	49.6	50.5	51.4	52.3	53.2
116	45.0	45.9	46.8	47.7	48.6	49.5	50.4	51.3	52.2	53.1
117	45.0	45.8	46.7	47.6	48.5	49.4	50.3	51.2	52.1	53.0
118	44.9	45.8	46.7	47.6	48.5	49.4	50.2	51.1	52.0	52.9
119	44.8	45.7	46.6	47.5	48.4	49.3	50.1	51.0	51.9	52.8
120	44.7	45.6	46.5	47.4	48.3	49.2	50.0	50.9	51.8	52.7
121	44.6	45.5	46.4	47.3	48.2	49.1	50.0	50.8	51.7	52.6
122	44.5	45.4	46.3	47.2	48.1	49.0	49.9	50.8	51.6	52.5
123	44.5	45.4	46.2	47.1	48.0	48.9	49.8	50.7	51.6	52.4
124	44.4	45.3	46.2	47.0	47.9	48.8	49.7	50.6	51.5	52.3
125	44.3	45.2	46.1	47.0	47.8	48.7	49.6	50.5	51.4	52.2

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	60	61	62	63	64	65	66	67	68	69
	Corresponding degrees A. P. I. at 60° F.									
0	67.6	68.7	69.8	70.9	72.0	73.2	74.3	75.5	76.6	77.7
1	67.4	68.5	69.7	70.8	71.9	73.0	74.1	75.3	76.4	77.6
2	67.3	68.4	69.5	70.6	71.7	72.9	74.0	75.2	76.3	77.4
3	67.1	68.2	69.4	70.5	71.6	72.7	73.8	75.0	76.1	77.3
4	67.0	68.1	69.2	70.4	71.5	72.6	73.7	74.9	76.0	77.1
5	66.9	68.0	69.1	70.2	71.3	72.4	73.5	74.7	75.8	77.0
6	66.7	67.9	69.0	70.1	71.2	72.3	73.4	74.6	75.7	76.8
7	66.6	67.7	68.8	70.0	71.0	72.2	73.3	74.4	75.5	76.6
8	66.5	67.6	68.7	69.8	70.9	72.0	73.1	74.3	75.4	76.5
9	66.3	67.4	68.6	69.7	70.8	71.9	73.0	74.1	75.2	76.3
10	66.2	67.3	68.4	69.5	70.6	71.7	72.8	74.0	75.1	76.2
11	66.0	67.2	68.3	69.4	70.5	71.6	72.7	73.8	74.9	76.0
12	65.9	67.0	68.1	69.2	70.3	71.4	72.5	73.7	74.8	75.9
13	65.8	66.9	68.0	69.1	70.2	71.3	72.4	73.5	74.6	75.7
14	65.7	66.8	67.9	69.0	70.1	71.2	72.3	73.4	74.5	75.6
15	65.5	66.6	67.7	68.8	69.9	71.0	72.1	73.2	74.3	75.4
16	65.4	66.5	67.6	68.7	69.8	70.9	72.0	73.1	74.2	75.3
17	65.3	66.4	67.5	68.6	69.7	70.8	71.8	72.9	74.0	75.1
18	65.1	66.2	67.3	68.4	69.5	70.6	71.7	72.8	73.9	75.0
19	65.0	66.1	67.2	68.3	69.4	70.5	71.5	72.6	73.7	74.8
20	64.9	66.0	67.1	68.2	69.2	70.3	71.4	72.5	73.6	74.7
21	64.8	65.8	66.9	68.0	69.1	70.2	71.3	72.4	73.4	74.5
22	64.6	65.7	66.8	67.9	69.0	70.0	71.1	72.2	73.3	74.4
23	64.5	65.6	66.7	67.7	68.8	69.9	71.0	72.1	73.1	74.2
24	64.4	65.4	66.5	67.6	68.7	69.8	70.8	71.9	73.0	74.1
25	64.2	65.3	66.4	67.5	68.5	69.6	70.7	71.8	72.8	73.9
26	64.1	65.2	66.3	67.3	68.4	69.5	70.6	71.6	72.7	73.8
27	64.0	65.1	66.1	67.2	68.3	69.4	70.4	71.5	72.5	73.6
28	63.9	64.9	66.0	67.1	68.1	69.2	70.3	71.3	72.4	73.5
29	63.7	64.8	65.8	66.9	68.0	69.1	70.1	71.2	72.2	73.3
30	63.6	64.7	65.7	66.8	67.9	68.9	70.0	71.0	72.1	73.2
31	63.5	64.5	65.6	66.6	67.7	68.8	69.8	70.9	72.0	73.0
32	63.4	64.4	65.5	66.5	67.6	68.7	69.7	70.8	71.8	72.9
33	63.2	64.3	65.4	66.4	67.5	68.5	69.6	70.6	71.7	72.8
34	63.1	64.2	65.2	66.3	67.3	68.4	69.4	70.5	71.5	72.6
35	63.0	64.0	65.1	66.1	67.2	68.2	69.3	70.3	71.4	72.4
36	62.9	63.9	65.0	66.0	67.0	68.1	69.1	70.2	71.2	72.3
37	62.8	63.8	64.8	65.9	66.9	68.0	69.0	70.1	71.1	72.2
38	62.6	63.6	64.7	65.7	66.8	67.8	68.9	69.9	71.0	72.0
39	62.5	63.5	64.6	65.6	66.7	67.7	68.7	69.8	70.8	71.9
40	62.4	63.4	64.4	65.5	66.5	67.6	68.6	69.7	70.7	71.8
41	62.3	63.3	64.3	65.4	66.4	67.5	68.5	69.6	70.6	71.6
42	62.1	63.2	64.2	65.2	66.3	67.3	68.3	69.4	70.4	71.5
43	62.0	63.1	64.1	65.1	66.2	67.2	68.2	69.3	70.3	71.3
44	61.9	62.9	64.0	65.0	66.0	67.1	68.1	69.2	70.2	71.2
45	61.8	62.8	63.8	64.9	65.9	66.9	67.9	69.0	70.0	71.0
46	61.6	62.6	63.7	64.7	65.7	66.8	67.8	68.9	69.9	70.9
47	61.5	62.5	63.6	64.6	65.6	66.6	67.7	68.7	69.7	70.8
48	61.4	62.4	63.4	64.5	65.5	66.5	67.5	68.6	69.6	70.6
49	61.3	62.3	63.3	64.3	65.4	66.4	67.4	68.4	69.4	70.5
50	61.2	62.2	63.2	64.2	65.3	66.3	67.3	68.3	69.3	70.4
51	61.1	62.1	63.1	64.1	65.1	66.2	67.2	68.2	69.2	70.2
52	60.9	61.9	62.9	64.0	65.0	66.0	67.0	68.0	69.0	70.1
53	60.8	61.8	62.8	63.9	64.9	65.9	66.9	67.9	68.9	70.0
54	60.7	61.7	62.7	63.7	64.8	65.8	66.8	67.8	68.8	69.8
55	60.6	61.6	62.6	63.6	64.6	65.6	66.6	67.7	68.7	69.7
56	60.4	61.4	62.5	63.5	64.5	65.5	66.5	67.5	68.5	69.5
57	60.3	61.3	62.4	63.4	64.4	65.4	66.4	67.4	68.4	69.4
58	60.2	61.2	62.3	63.3	64.3	65.3	66.3	67.3	68.3	69.3
59	60.1	61.1	62.1	63.1	64.1	65.1	66.1	67.1	68.1	69.1
60	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
61	59.9	60.9	61.9	62.9	63.9	64.9	65.9	66.9	67.9	68.9
62	59.8	60.8	61.8	62.8	63.8	64.8	65.8	66.8	67.8	68.8
63	59.6	60.6	61.6	62.6	63.6	64.6	65.6	66.6	67.6	68.6
64	59.5	60.5	61.5	62.5	63.5	64.5	65.5	66.5	67.5	68.5

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in ° F.	Observed degrees A. P. I.									
	60	61	62	63	64	65	66	67	68	69
	Corresponding degrees A. P. I. at 60° F.									
65	59.4	60.4	61.4	62.4	63.4	64.4	65.4	66.4	67.3	68.3
66	59.3	60.3	61.3	62.3	63.2	64.2	65.2	66.2	67.2	68.2
67	59.2	60.2	61.2	62.2	63.1	64.1	65.1	66.1	67.1	68.1
68	59.1	60.1	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0
69	59.0	60.0	60.9	61.9	62.9	63.9	64.9	65.9	66.8	67.8
70	58.9	59.8	60.8	61.8	62.8	63.8	64.7	65.7	66.7	67.7
71	58.7	59.7	60.7	61.7	62.6	63.6	64.6	65.6	66.6	67.6
72	58.6	59.6	60.6	61.6	62.5	63.5	64.5	65.4	66.4	67.4
73	58.5	59.5	60.4	61.4	62.4	63.4	64.3	65.3	66.3	67.3
74	58.4	59.4	60.3	61.3	62.3	63.2	64.2	65.2	66.2	67.2
75	58.3	59.3	60.2	61.2	62.2	63.1	64.1	65.1	66.0	67.0
76	58.2	59.2	60.1	61.1	62.0	63.0	64.0	65.0	65.9	66.9
77	58.1	59.0	60.0	61.0	61.9	62.9	63.9	64.8	65.8	66.8
78	58.0	58.9	59.9	60.9	61.8	62.8	63.7	64.7	65.7	66.6
79	57.9	58.8	59.8	60.8	61.7	62.7	63.6	64.6	65.6	66.5
80	57.8	58.7	59.7	60.6	61.6	62.6	63.5	64.5	65.4	66.4
81	57.6	58.6	59.6	60.5	61.5	62.4	63.4	64.4	65.3	66.3
82	57.5	58.5	59.4	60.4	61.4	62.3	63.3	64.2	65.2	66.2
83	57.4	58.4	59.3	60.3	61.2	62.2	63.1	64.1	65.1	66.0
84	57.3	58.3	59.2	60.2	61.1	62.1	63.0	64.0	64.9	65.9
85	57.2	58.1	59.1	60.0	61.0	61.9	62.9	63.9	64.8	65.8
86	57.1	58.0	59.0	59.9	60.9	61.8	62.8	63.7	64.7	65.6
87	57.0	57.9	58.9	59.8	60.8	61.7	62.6	63.6	64.5	65.5
88	56.9	57.8	58.7	59.7	60.6	61.6	62.5	63.5	64.4	65.4
89	56.8	57.7	58.6	59.6	60.5	61.5	62.4	63.4	64.3	65.2
90	56.7	57.6	58.5	59.5	60.4	61.4	62.3	63.2	64.2	65.1
91	56.6	57.5	58.4	59.4	60.3	61.2	62.2	63.1	64.0	65.0
92	56.5	57.4	58.3	59.2	60.2	61.1	62.0	63.0	63.9	64.9
93	56.4	57.3	58.2	59.1	60.1	61.0	61.9	62.9	63.8	64.8
94	56.2	57.2	58.1	59.0	59.9	60.9	61.8	62.8	63.7	64.6
95	56.1	57.0	58.0	58.9	59.8	60.8	61.7	62.6	63.5	64.5
96	56.0	56.9	57.8	58.8	59.7	60.6	61.6	62.5	63.4	64.4
97	55.9	56.8	57.7	58.7	59.6	60.5	61.4	62.4	63.3	64.2
98	55.8	56.7	57.6	58.6	59.5	60.4	61.3	62.3	63.2	64.1
99	55.7	56.6	57.5	58.5	59.4	60.3	61.2	62.1	63.0	64.0
100	55.6	56.5	57.4	58.4	59.3	60.2	61.1	62.0	62.9	63.9
101	55.5	56.4	57.3	58.3	59.2	60.1	61.0	61.9	62.8	63.8
102	55.4	56.3	57.2	58.2	59.1	60.0	60.9	61.8	62.7	63.6
103	55.3	56.2	57.1	58.0	58.9	59.8	60.8	61.7	62.6	63.5
104	55.2	56.1	57.0	57.9	58.8	59.7	60.6	61.6	62.5	63.4
105	55.1	56.0	56.9	57.8	58.7	59.6	60.5	61.5	62.4	63.3
106	55.0	55.9	56.8	57.7	58.6	59.5	60.4	61.3	62.2	63.2
107	54.9	55.8	56.7	57.6	58.5	59.4	60.3	61.2	62.1	63.0
108	54.8	55.7	56.6	57.5	58.4	59.3	60.2	61.1	62.0	62.9
109	54.7	55.6	56.5	57.4	58.3	59.2	60.1	61.0	61.9	62.8
110	54.6	55.5	56.4	57.3	58.2	59.1	60.0	60.9	61.8	62.7
111	54.5	55.4	56.3	57.2	58.1	59.0	59.9	60.8	61.7	62.6
112	54.4	55.3	56.2	57.1	58.0	58.8	59.7	60.6	61.5	62.5
113	54.3	55.2	56.1	57.0	57.8	58.7	59.6	60.5	61.4	62.3
114	54.2	55.1	56.0	56.9	57.7	58.6	59.5	60.4	61.3	62.2
115	54.1	55.0	55.8	56.7	57.6	58.5	59.4	60.3	61.2	62.1
116	54.0	54.9	55.7	56.6	57.5	58.4	59.3	60.2	61.1	62.0
117	53.9	54.8	55.6	56.5	57.4	58.3	59.2	60.1	61.0	61.9
118	53.8	54.7	55.5	56.4	57.3	58.2	59.1	60.0	60.9	61.8
119	53.7	54.6	55.4	56.3	57.2	58.1	59.0	59.9	60.8	61.7
120	53.6	54.5	55.3	56.2	57.1	58.0	58.9	59.8	60.6	61.5
121	53.5	54.4	55.2	56.1	57.0	57.9	58.7	59.6	60.5	61.4
122	53.4	54.3	55.1	56.0	56.9	57.8	58.6	59.5	60.4	61.3
123	53.3	54.2	55.0	55.9	56.8	57.7	58.5	59.4	60.3	61.2
124	53.2	54.1	54.9	55.8	56.7	57.6	58.4	59.3	60.2	61.1
125	53.1	54.0	54.8	55.7	56.6	57.5	58.3	59.2	60.1	61.0

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	70	71	72	73	74	75	76	77	78	79
	Corresponding degrees A. P. I. at 60° F.									
0	78.8	80.0	81.2	82.3	83.4	84.6	85.7	86.9	88.1	89.2
1	78.7	79.8	81.0	82.1	83.3	84.4	85.6	86.7	87.9	89.0
2	78.5	79.7	80.9	82.0	83.1	84.3	85.4	86.5	87.7	88.8
3	78.4	79.5	80.7	81.8	82.9	84.1	85.2	86.3	87.5	88.7
4	78.2	79.3	80.5	81.6	82.7	83.9	85.0	86.2	87.3	88.5
5	78.1	79.2	80.4	81.5	82.6	83.7	84.9	86.0	87.2	88.3
6	77.9	79.0	80.2	81.3	82.4	83.6	84.7	85.8	87.0	88.1
7	77.8	78.9	80.0	81.1	82.2	83.4	84.5	85.7	86.8	88.0
8	77.6	78.7	79.9	81.0	82.1	83.2	84.4	85.5	86.7	87.8
9	77.4	78.5	79.7	80.8	81.9	83.1	84.2	85.3	86.5	87.6
10	77.3	78.4	79.5	80.6	81.7	82.9	84.0	85.1	86.3	87.4
11	77.1	78.2	79.4	80.5	81.6	82.7	83.8	85.0	86.1	87.2
12	77.0	78.1	79.2	80.3	81.4	82.5	83.6	84.8	85.9	87.0
13	76.8	77.9	79.1	80.1	81.2	82.4	83.5	84.6	85.7	86.9
14	76.7	77.8	78.9	80.0	81.1	82.2	83.3	84.4	85.6	86.7
15	76.5	77.6	78.7	79.8	80.9	82.0	83.1	84.2	85.4	86.5
16	76.4	77.5	78.6	79.7	80.8	81.9	83.0	84.1	85.2	86.3
17	76.2	77.3	78.4	79.5	80.6	81.7	82.8	83.9	85.0	86.1
18	76.1	77.2	78.3	79.4	80.4	81.5	82.6	83.7	84.9	86.0
19	75.9	77.0	78.1	79.2	80.3	81.4	82.5	83.6	84.7	85.8
20	75.8	76.9	78.0	79.0	80.1	81.2	82.3	83.4	84.5	85.6
21	75.6	76.7	77.8	78.9	79.9	81.0	82.1	83.2	84.3	85.4
22	75.5	76.5	77.6	78.7	79.8	80.9	82.0	83.0	84.1	85.2
23	75.3	76.4	77.5	78.6	79.6	80.7	81.8	82.9	84.0	85.1
24	75.1	76.2	77.3	78.4	79.4	80.5	81.6	82.7	83.8	84.9
25	75.0	76.1	77.2	78.2	79.3	80.4	81.5	82.5	83.6	84.7
26	74.9	75.9	77.0	78.1	79.1	80.2	81.3	82.4	83.5	84.6
27	74.7	75.8	76.9	77.9	79.0	80.1	81.2	82.2	83.3	84.4
28	74.6	75.6	76.7	77.8	78.8	79.9	81.0	82.1	83.2	84.2
29	74.4	75.5	76.6	77.6	78.7	79.8	80.8	81.9	83.0	84.1
30	74.3	75.3	76.4	77.5	78.5	79.6	80.7	81.7	82.8	83.9
31	74.1	75.2	76.3	77.3	78.4	79.4	80.5	81.6	82.7	83.7
32	74.0	75.0	76.1	77.2	78.2	79.3	80.4	81.4	82.5	83.6
33	73.8	74.9	76.0	77.0	78.1	79.1	80.2	81.2	82.3	83.4
34	73.7	74.7	75.8	76.9	77.9	79.0	80.0	81.1	82.2	83.2
35	73.5	74.6	75.6	76.7	77.7	78.8	79.8	80.9	82.0	83.0
36	73.4	74.4	75.5	76.5	77.6	78.6	79.7	80.7	81.8	82.9
37	73.2	74.3	75.3	76.4	77.4	78.5	79.5	80.6	81.6	82.7
38	73.1	74.1	75.2	76.2	77.3	78.3	79.4	80.4	81.5	82.5
39	72.9	74.0	75.0	76.1	77.1	78.2	79.2	80.3	81.3	82.4
40	72.8	73.8	74.9	75.9	77.0	78.0	79.1	80.1	81.2	82.2
41	72.7	73.7	74.8	75.8	76.8	77.9	78.9	79.9	81.0	82.0
42	72.5	73.5	74.6	75.6	76.7	77.7	78.8	79.8	80.8	81.9
43	72.4	73.4	74.5	75.5	76.5	77.6	78.6	79.6	80.7	81.7
44	72.2	73.2	74.3	75.3	76.3	77.4	78.4	79.4	80.5	81.5

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	70	71	72	73	74	75	76	77	78	79
	Corresponding degrees A. P. I. at 60° F.									
45	72.1	73.1	74.2	75.2	76.2	77.2	78.3	79.3	80.3	81.4
46	71.9	72.9	74.0	75.0	76.0	77.1	78.1	79.1	80.2	81.2
47	71.8	72.8	73.9	74.9	75.9	76.9	78.0	79.0	80.0	81.1
48	71.7	72.7	73.7	74.7	75.7	76.8	77.8	78.8	79.8	80.9
49	71.5	72.5	73.6	74.6	75.6	76.6	77.7	78.7	79.7	80.7
50	71.4	72.4	73.4	74.5	75.5	76.5	77.5	78.5	79.6	80.6
51	71.2	72.2	73.3	74.3	75.3	76.3	77.4	78.4	79.4	80.4
52	71.1	72.1	73.2	74.2	75.2	76.2	77.2	78.2	79.3	80.3
53	71.0	72.0	73.0	74.0	75.0	76.0	77.1	78.1	79.1	80.1
54	70.8	71.8	72.9	73.9	74.9	75.9	76.9	77.9	78.9	80.0
55	70.7	71.7	72.7	73.7	74.7	75.7	76.8	77.8	78.8	79.8
56	70.5	71.5	72.6	73.6	74.6	75.6	76.6	77.6	78.6	79.6
57	70.4	71.4	72.4	73.4	74.4	75.4	76.5	77.5	78.5	79.5
58	70.3	71.3	72.3	73.3	74.3	75.3	76.3	77.3	78.3	79.3
59	70.1	71.1	72.2	73.2	74.2	75.2	76.2	77.2	78.2	79.2
60	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
61	69.9	70.9	71.9	72.9	73.9	74.9	75.9	76.8	77.8	78.8
62	69.8	70.8	71.8	72.7	73.7	74.7	75.7	76.7	77.7	78.7
63	69.6	70.6	71.6	72.6	73.6	74.6	75.6	76.5	77.5	78.5
64	69.5	70.5	71.5	72.4	73.4	74.4	75.4	76.4	77.4	78.4
65	69.3	70.3	71.3	72.3	73.3	74.3	75.2	76.2	77.2	78.2
66	69.2	70.2	71.2	72.2	73.1	74.1	75.1	76.1	77.1	78.1
67	69.1	70.1	71.1	72.0	73.0	74.0	75.0	75.9	76.9	77.9
68	68.9	69.9	70.9	71.9	72.9	73.9	74.8	75.8	76.8	77.8
69	68.8	69.8	70.8	71.7	72.7	73.7	74.7	75.6	76.6	77.6
70	68.6	69.6	70.6	71.6	72.6	73.6	74.5	75.5	76.5	77.5
71	68.5	69.5	70.5	71.4	72.4	73.4	74.4	75.3	76.3	77.3
72	68.4	69.4	70.4	71.3	72.3	73.3	74.2	75.2	76.2	77.1
73	68.3	69.3	70.3	71.2	72.2	73.1	74.1	75.0	76.0	77.0
74	68.1	69.1	70.1	71.0	72.0	73.0	73.9	74.9	75.9	76.8
75	68.0	69.0	70.0	70.9	71.9	72.9	73.8	74.8	75.8	76.7
76	67.9	68.8	69.8	70.8	71.7	72.7	73.7	74.6	75.6	76.6
77	67.7	68.7	69.7	70.6	71.6	72.6	73.5	74.5	75.5	76.4
78	67.6	68.6	69.6	70.5	71.5	72.4	73.4	74.4	75.3	76.3
79	67.5	68.4	69.4	70.4	71.3	72.3	73.2	74.2	75.2	76.1
80	67.4	68.3	69.3	70.2	71.2	72.2	73.1	74.1	75.0	76.0
81	67.2	68.2	69.1	70.1	71.0	72.0	73.0	73.9	74.9	75.8
82	67.1	68.1	69.0	70.0	70.9	71.9	72.8	73.8	74.7	75.6
83	67.0	67.9	68.9	69.8	70.8	71.7	72.6	73.6	74.6	75.5
84	66.8	67.8	68.7	69.7	70.6	71.6	72.5	73.4	74.4	75.3
85	66.7	67.6	68.6	69.5	70.5	71.4	72.4	73.3	74.3	75.2
86	66.6	67.5	68.5	69.4	70.4	71.3	72.2	73.2	74.1	75.1
87	66.4	67.4	68.4	69.3	70.2	71.2	72.1	73.0	74.0	74.9
88	66.3	67.2	68.2	69.1	70.1	71.0	72.0	72.9	73.8	74.8
89	66.2	67.1	68.1	69.0	70.0	70.9	71.8	72.8	73.7	74.6
90	66.1	67.0	68.0	68.9	69.8	70.8	71.7	72.6	73.6	74.5

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	80	81	82	83	84	85	86	87	88	89
	Corresponding degrees A. P. I. at 60° F.									
0	90.4	91.6	92.7	93.9	95.1	96.3	97.5	98.7	99.9	101.1
1	90.2	91.4	92.5	93.7	94.9	96.1	97.3	98.5	99.7	100.9
2	90.0	91.2	92.4	93.5	94.7	95.9	97.1	98.3	99 5	100.7
3	89.8	91.0	92.2	93.3	94.5	95.7	96.9	98.1	99.3	100.4
4	89.6	90.8	92.0	93.1	94.3	95.5	96.7	97.9	99.1	100.2
5	89.4	90.6	91.8	92.9	94.1	95.3	96.5	97.7	98.9	100.0
6	89.3	90.4	91.6	92.7	93.9	95.1	96.3	97.5	98.7	99.8
7	89.1	90.2	91.4	92.5	93.7	94.9	96.0	97.2	98.4	99.6
8	88.9	90.0	91.2	92.4	93.5	94.7	95.8	97.0	98.2	99.3
9	88.7	89.8	91.0	92.2	93.3	94.5	95.6	96.8	98.0	99.1
10	88.6	89.7	90.8	92.0	93.1	94.2	95.4	96.6	97.8	98.9
11	88.4	89.5	90.6	91.8	92.9	94.0	95.2	96.4	97.5	98.7
12	88.2	89.3	90.4	91.6	92.7	93.8	95.0	96.1	97.3	98.4
13	88.0	89.1	90.2	91.4	92.5	93.6	94.8	95.9	97.1	98.2
14	87.8	88.9	90.0	91.2	92.3	93.4	94.6	95.7	96.9	98.0
15	87.6	88.7	89.9	91.0	92.1	93.2	94.4	95.5	96.7	97.8
16	87.5	88.6	89.7	90.8	91.9	93.0	94.2	95.3	96.5	97.6
17	87.3	88.4	89.5	90.6	91.7	92.8	94.0	95.1	96.3	97.4
18	87.1	88.2	89.3	90.4	91.5	92.6	93.8	94.9	96.1	97.2
19	86.9	88.0	89.1	90.2	91.3	92.4	93.6	94.7	95.9	97.0
20	86.7	87.8	88.9	90.0	91.1	92.2	93.4	94.5	95.7	96.8
21	86.5	87.6	88.7	89.8	90.9	92.0	93.2	94.3	95.4	96.5
22	86.4	87.5	88.6	89.7	90.8	91.9	93.0	94.1	95.2	96.3
23	86.2	87.3	88.4	89.5	90.6	91.7	92.8	93.9	95.0	96.1
24	86.0	87.1	88.2	89.3	90.4	91.5	92.6	93.7	94.8	95.9
25	85.8	86.9	88.0	89.1	90.2	91.3	92.4	93.5	94.6	95.7
26	85.6	86.7	87.8	88.9	90.0	91.1	92.2	93.3	94.4	95.5
27	85.4	86.5	87.6	88.7	89.8	90.9	92.0	93.1	94.2	95.3
28	85.3	86.4	87.4	88.5	89.6	90.7	91.8	92.9	94.0	95.1
29	85.1	86.2	87.3	88.4	89.4	90.5	91.6	92.7	93.8	94.9
30	84.9	86.0	87.1	88.2	89.3	90.3	91.4	92.5	93.6	94.7
31	84.8	85.8	86.9	88.0	89.1	90.2	91.2	92.3	93.4	94.5
32	84.6	85.7	86.7	87.8	88.9	90.0	91.0	92.1	93.2	94.3
33	84.4	85.5	86.5	87.6	88.7	89.8	90.8	91.9	93.0	94.1
34	84.2	85.3	86.4	87.4	88.5	89.6	90.7	91.7	92.8	93.9
35	84.1	85.1	86.2	87.2	88.3	89.4	90.5	91.5	92.6	93.7
36	83.9	85.0	86.0	87.1	88.2	89.2	90.3	91.3	92.4	93.5
37	83.7	84.8	85.9	86.9	88.0	89.0	90.1	91.2	92.2	93.3
38	83.6	84.6	85.7	86.7	87.8	88.8	89.9	91.0	92.1	93.1
39	83.4	84.5	85.5	86.6	87.6	88.7	89.7	90.8	91.9	92.9
40	83.2	84.3	85.4	86.4	87.5	88.5	89.6	90.6	91.7	92.7
41	83.1	84.1	85.2	86.2	87.3	88.3	89.4	90.4	91.5	92.5
42	82.9	83.9	85.0	86.0	87.1	88.1	89.2	90.2	91.3	92.4
43	82.7	83.8	84.8	85.9	86.9	88.0	89.0	90.0	91.1	92.2
44	82.6	83.6	84.7	85.7	86.7	87.8	88.8	89.9	90.9	92.0

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	80	81	82	83	84	85	86	87	88	89
	Corresponding degrees A. P. I. at 60° F.									
45	82.4	83.4	84.5	85.5	86.6	87.6	88.6	89.7	90.7	91.8
46	82.2	83.2	84.3	85.3	86.4	87.4	88.4	89.5	90.5	91.6
47	82.1	83.1	84.1	85.2	86.2	87.2	88.3	89.3	90.4	91.4
48	81.9	82.9	84.0	85.0	86.0	87.1	88.1	89.1	90.2	91.2
49	81.8	82.8	83.8	84.8	85.9	86.9	87.9	88.9	90.0	91.0
50	81.6	82.6	83.6	84.7	85.7	86.7	87.7	88.8	89.8	90.8
51	81.4	82.4	83.5	84.5	85.5	86.6	87.6	88.6	89.6	90.7
52	81.3	82.3	83.3	84.3	85.4	86.4	87.4	88.4	89.4	90.5
53	81.1	82.1	83.1	84.1	85.2	86.2	87.2	88.2	89.2	90.3
54	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.1	90.1
55	80.8	81.8	82.8	83.8	84.8	85.8	86.8	87.8	88.9	89.9
56	80.6	81.6	82.6	83.6	84.7	85.7	86.7	87.7	88.7	89.7
57	80.5	81.5	82.5	83.5	84.5	85.5	86.5	87.5	88.5	89.5
58	80.3	81.3	82.3	83.3	84.3	85.3	86.3	87.3	88.3	89.3
59	80.2	81.2	82.2	83.2	84.2	85.2	86.2	87.2	88.2	89.2
60	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
61	79.8	80.8	81.8	82.8	83.8	84.8	85.8	86.8	87.8	88.8
62	79.7	80.7	81.7	82.7	83.7	84.7	85.7	86.7	87.7	88.7
63	79.5	80.5	81.5	82.5	83.5	84.5	85.5	86.5	87.5	88.5
64	79.4	80.4	81.3	82.3	83.3	84.3	85.3	86.3	87.3	88.3
65	79.2	80.2	81.2	82.2	83.2	84.1	85.1	86.1	87.1	88.1
66	79.1	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	87.9
67	78.9	79.9	80.9	81.9	82.9	83.8	84.8	85.8	86.8	87.8
68	78.8	79.7	80.7	81.7	82.7	83.6	84.6	85.6	86.6	87.6
69	78.6	79.6	80.6	81.5	82.5	83.5	84.5	85.5	86.5	87.4
70	78.4	79.4	80.4	81.4	82.4	83.3	84.3	85.3	86.3	87.2
71	78.3	79.3	80.2	81.2	82.2	83.1	84.1	85.1	86.1	87.0
72	78.1	79.1	80.1	81.1	82.0	83.0	84.0	84.9	85.9	86.9
73	78.0	78.9	79.9	80.9	81.9	82.8	83.8	84.8	85.8	86.7
74	77.8	78.8	79.8	80.7	81.7	82.7	83.6	84.6	85.6	86.5
75	77.7	78.7	79.6	80.6	81.6	82.5	83.5	84.4	85.4	86.4
76	77.5	78.5	79.4	80.4	81.4	82.3	83.3	84.3	85.2	86.2
77	77.4	78.4	79.3	80.3	81.2	82.2	83.2	84.1	85.1	86.0
78	77.2	78.2	79.1	80.1	81.1	82.0	83.0	83.9	84.9	85.8
79	77.1	78.0	79.0	79.9	80.9	81.8	82.8	83.8	84.7	85.7
80	76.9	77.8	78.8	79.8	80.7	81.7	82.6	83.6	84.6	85.5
81	76.8	77.7	78.7	79.6	80.6	81.5	82.5	83.4	84.4	85.3
82	76.6	77.5	78.5	79.4	80.4	81.3	82.3	83.2	84.2	85.1
83	76.5	77.4	78.4	79.3	80.3	81.2	82.2	83.1	84.1	85.0
84	76.3	77.2	78.2	79.1	80.1	81.0	82.0	82.9	83.9	84.8
85	76.2	77.1	78.0	79.0	79.9	80.9	81.8	82.8	83.7	84.7
86	76.0	77.0	77.9	78.8	79.8	80.7	81.7	82.6	83.6	84.5
87	75.9	76.8	77.7	78.7	79.6	80.6	81.5	82.5	83.4	84.3
88	75.7	76.6	77.6	78.5	79.5	80.4	81.3	82.3	83.2	84.2
89	75.6	76.5	77.4	78.4	79.3	80.3	81.2	82.2	83.1	84.0
90	75.5	76.4	77.3	78.2	79.2	80.1	81.0	82.0	82.9	83.8

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	90	91	92	93	94	95	96	97	98	99
	Corresponding degrees A. P. I. at 60° F.									
0	102.3	103.5	104.7	105.9	107.1	108.3	109.5	110.7	111.9	113.1
1	102.1	103.3	104.5	105.7	106.8	108.0	109.3	110.5	111.7	112.8
2	101.9	103.0	104.2	105.4	106.6	107.8	109.0	110.2	111.4	112.6
3	101.6	102.8	104.0	105.2	106.4	107.6	108.8	110.0	111.2	112.3
4	101.4	102.6	103.8	105.0	106.1	107.3	108.5	109.7	110.9	112.1
5	101.2	102.3	103.5	104.7	105.9	107.1	108.3	109.5	110.6	111.8
6	101.0	102.1	103.3	104.5	105.7	106.8	108.0	109.2	110.4	111.6
7	100.7	101.9	103.1	104.2	105.4	106.6	107.8	109.0	110.1	111.3
8	100.5	101.6	102.8	104.0	105.2	106.4	107.5	108.7	109.9	111.1
9	100.3	101.4	102.6	103.8	104.9	106.1	107.3	108.4	109.6	110.8
10	100.0	101.2	102.4	103.6	104.7	105.9	107.0	108.2	109.4	110.5
11	99.8	101.0	102.2	103.3	104.4	105.7	106.8	108.0	109.1	110.3
12	99.6	100.7	101.9	103.1	104.2	105.4	106.6	107.7	108.9	110.0
13	99.4	100.5	101.7	102.8	104.0	105.2	106.3	107.5	108.6	109.8
14	99.2	100.3	101.5	102.6	103.7	104.9	106.1	107.2	108.4	109.6
15	99.0	100.1	101.3	102.4	103.5	104.7	105.8	107.0	108.1	109.3
16	98.7	99.9	101.0	102.2	103.3	104.5	105.6	106.8	107.9	109.0
17	98.5	99.6	100.8	101.9	102.0	104.2	105.4	106.5	107.6	108.8
18	98.3	99.4	100.6	101.7	102.8	104.0	105.1	106.3	107.4	108.5
19	98.1	99.2	100.4	101.5	102.6	103.7	104.8	106.0	107.1	108.2
20	97.9	99.0	100.1	101.2	102.3	103.5	104.6	105.8	106.9	108.0
21	97.7	98.8	99.9	101.0	102.1	103.3	104.4	105.5	106.6	107.8
22	97.5	98.6	99.7	100.8	101.9	103.1	104.2	105.3	106.4	107.5
23	97.2	98.3	99.5	100.6	101.7	102.8	103.9	105.1	106.2	107.3
24	97.0	98.1	99.3	100.4	101.5	102.6	103.7	104.8	106.0	107.1
25	96.8	97.9	99.1	100.2	101.3	102.4	103.5	104.6	105.7	106.8
26	96.6	97.7	98.8	99.9	101.0	102.2	103.3	104.4	105.5	106.6
27	96.4	97.5	98.6	99.7	100.8	101.9	103.0	104.1	105.2	106.4
28	96.2	97.3	98.4	99.5	100.6	101.7	102.8	103.9	105.0	106.1
29	96.0	97.1	98.2	99.3	100.4	101.5	102.6	103.7	104.8	105.9
30	95.8	96.9	98.0	99.1	100.2	101.3	102.4	103.4	104.5	105.6
31	95.6	96.7	97.8	98.8	99.9	101.0	102.1	103.2	104.3	105.4
32	95.4	96.5	97.6	98.6	99.7	100.8	101.9	103.0	104.1	105.2
33	95.2	96.3	97.4	98.4	99.5	100.6	101.7	102.8	103.9	105.0
34	95.0	96.1	97.2	98.2	99.3	100.4	101.5	102.5	103.6	104.7
35	94.8	95.9	97.0	98.0	99.1	100.2	101.3	102.3	103.4	104.5
36	94.6	95.7	96.8	97.8	98.9	100.0	101.0	102.1	103.2	104.3
37	94.4	95.5	96.6	97.6	98.7	99.8	100.8	101.9	103.0	104.1
38	94.2	95.3	96.4	97.4	98.5	99.6	100.6	101.7	102.7	103.8
39	94.0	95.1	96.1	97.2	98.2	99.3	100.4	101.4	102.5	103.6
40	93.8	94.9	95.9	97.0	98.0	99.1	100.2	101.2	102.3	103.4
41	93.6	94.7	95.7	96.8	97.8	98.9	99.9	101.0	102.0	103.1
42	93.4	94.5	95.5	96.6	97.6	98.7	99.7	100.8	101.8	102.9
43	93.2	94.3	95.3	96.4	97.4	98.5	99.5	100.6	101.6	102.7
44	93.0	94.1	95.1	96.2	97.2	98.2	99.3	100.3	101.4	102.5

TABLE 1.—Reduction of Observed Degrees A. P. I. to Degrees A. P. I. at 60° F.—Continued.

Observed temperature in °F.	Observed degrees A. P. I.									
	90	91	92	93	94	95	96	97	98	99
	Corresponding degrees A. P. I. at 60° F.									
45	92.8	93.9	94.9	95.9	97.0	98.0	99.1	100.1	101.2	102.2
46	92.6	93.7	94.7	95.7	96.8	97.8	98.9	99.9	101.0	102.0
47	92.4	93.5	94.5	95.5	96.6	97.6	98.7	99.7	100.7	101.8
48	92.2	93.3	94.3	95.3	96.4	97.4	98.5	99.5	100.5	101.6
49	92.0	93.1	94.1	95.1	96.2	97.2	98.2	99.3	100.3	101.3
50	91.9	92.9	93.9	94.9	96.0	97.0	98.0	99.0	100.1	101.1
51	91.7	92.7	93.7	94.8	95.8	96.8	97.8	98.8	99.9	100.9
52	91.5	92.5	93.6	94.6	95.6	96.6	97.6	98.6	99.7	100.7
53	91.3	92.3	93.4	94.4	95.4	96.4	97.4	98.4	99.5	100.5
54	91.1	92.1	93.2	94.2	95.2	96.2	97.2	98.2	99.3	100.3
55	90.9	91.9	93.0	94.0	95.0	96.0	97.0	98.0	99.0	100.1
56	90.7	91.7	92.8	93.8	94.8	95.8	96.8	97.8	98.8	99.9
57	90.5	91.5	92.6	93.6	94.6	95.6	96.6	97.6	98.6	99.6
58	90.3	91.3	92.4	93.4	94.4	95.4	96.4	97.4	98.4	99.4
59	90.2	91.2	92.2	93.2	94.2	95.2	96.2	97.2	98.2	99.2
60	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0
61	89.8	90.8	91.8	92.8	93.8	94.8	95.8	96.8	97.8	98.8
62	89.7	90.6	91.6	92.6	93.6	94.6	95.6	96.6	97.6	98.6
63	89.4	90.4	91.4	92.4	93.4	94.4	95.4	96.4	97.4	98.4
64	89.3	90.2	91.2	92.2	93.2	94.2	95.2	96.2	97.2	98.2
65	89.1	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0
66	88.9	89.9	90.8	91.8	92.8	93.8	94.8	95.8	96.8	97.8
67	88.7	89.7	90.7	91.6	92.6	93.6	94.6	95.6	96.6	97.5
68	88.6	89.5	90.5	91.5	92.5	93.5	94.4	95.4	96.4	97.3
69	88.4	89.4	90.3	91.3	92.3	93.3	94.2	95.2	96.2	97.1
70	88.2	89.2	90.1	91.1	92.1	93.1	94.0	95.0	96.0	96.9
71	88.0	89.0	89.9	90.9	91.9	92.9	93.8	94.8	95.8	96.7
72	87.8	88.8	89.8	90.7	91.7	92.7	93.6	94.6	95.6	96.5
73	87.7	88.6	89.6	90.6	91.5	92.5	93.4	94.4	95.4	96.3
74	87.5	88.5	89.4	90.4	91.3	92.3	93.2	94.2	95.2	96.1
75	87.3	88.3	89.2	90.2	91.2	92.1	93.1	94.0	95.0	96.0
76	87.2	88.1	89.1	90.0	91.0	92.0	92.9	93.9	94.8	95.8
77	87.0	87.9	88.9	89.8	90.8	91.8	92.7	93.7	94.6	95.6
78	86.8	87.7	88.7	89.7	90.6	91.6	92.5	93.5	94.4	95.4
79	86.6	87.6	88.5	89.5	90.4	91.4	92.3	93.3	94.2	95.2
80	86.5	87.4	88.4	89.3	90.2	91.2	92.1	93.1	94.0	95.0
81	86.3	87.2	88.2	89.1	90.1	91.0	91.9	92.9	93.8	94.8
82	86.1	87.0	88.0	88.9	89.9	90.8	91.8	92.7	93.6	94.6
83	86.0	86.9	87.8	88.8	89.7	90.7	91.6	92.5	93.4	94.4
84	85.8	86.7	87.6	88.6	89.5	90.5	91.4	92.3	93.2	94.2
85	85.6	86.5	87.5	88.4	89.4	90.3	91.2	92.2	93.1	94.0
86	85.4	86.4	87.3	88.2	89.2	90.1	91.0	92.0	92.9	93.8
87	85.3	86.2	87.1	88.0	89.0	89.9	90.8	91.8	92.7	93.6
88	85.1	86.0	87.0	87.9	88.8	89.7	90.6	91.6	92.5	93.4
89	84.9	85.9	86.8	87.7	88.6	89.6	90.5	91.4	92.3	93.2
90	84.8	85.7	86.6	87.5	88.5	89.4	90.3	91.2	92.2	93.1

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TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature.

[This table shows the volume occupied at 60° F. by a quantity of oil of any A. P. I. gravity at 60° F. occupying unit volume at the indicated temperatures. For example, if at 60° F. the A. P. I. gravity of the oil is 22, 1 gallon of this oil measured at 105° F. will have a volume of 0.9822 gallons at 60° F. Intermediate values can conveniently be interpolated when necessary. The values given in the body of the table are in the form of "multipliers"; that is, the volume of oil at the indicated temperature and degrees A. P. I. multiplied by the corresponding factor in the table equals the volume at 60° F. For example, if the A. P. I. gravity of an oil at 60° F. equals 22.0 and the volume at 105° F. equals 5,600 gallons, then the volume at 60° F. equals 5,600×0.9822, or 5,500.32 gallons. This table can also be used to calculate the percentage change of volume to reduce to 60° F. The percentage factor is 100 times the difference between the tabulated value and unity. For example, in the case given above, the percentage factor is 100 (1.0000—0.9822)=1.78; that is, any volume of an oil of 22.0 degrees A. P. I. at 60° F., measured at 105° F., will decrease in volume by 1.78 per cent on being reduced to a temperature of 60° F. For observed temperatures below 60° F. the volume correction should be added to the measured volumes; for temperatures above 60° F. it should be subtracted.]

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	0	1	2	3	4	5	6	7	8	9
	Volume at 60° F occupied by unit volume at indicated temperature.									
0	1.0193	1.0196	1.0199	1.0202	1.0205	1.0208	1.0211	1.0214	1.0217	1.0220
1	1.0190	1.0193	1.0196	1.0199	1.0202	1.0205	1.0208	1.0211	1.0214	1.0217
2	1.0186	1.0189	1.0192	1.0195	1.0198	1.0201	1.0204	1.0207	1.0210	1.0213
3	1.0183	1.0186	1.0189	1.0192	1.0195	1.0198	1.0201	1.0204	1.0207	1.0210
4	1.0180	1.0182	1.0185	1.0188	1.0191	1.0194	1.0197	1.0200	1.0203	1.0206
5	1.0177	1.0179	1.0182	1.0185	1.0188	1.0191	1.0194	1.0196	1.0199	1.0202
6	1.0174	1.0176	1.0179	1.0182	1.0185	1.0188	1.0190	1.0192	1.0195	1.0198
7	1.0170	1.0172	1.0175	1.0178	1.0181	1.0184	1.0186	1.0188	1.0191	1.0194
8	1.0167	1.0169	1.0172	1.0175	1.0178	1.0181	1.0183	1,0185	1.0188	1.0191
9	1.0164	1.0166	1.0169	1.0172	1.0174	1.0177	1.0179	1.0181	1.0184	1.0187
10	1.0161	1.0163	1.0166	1.0169	1.0171	1.0174	1.0176	1.0178	1.0181	1.0183
11	1.0157	1.0159	1.0162	1.0165	1.0167	1.0170	1.0172	1.0174	1.0177	1.0179
12	1.0154	1.0156	1.0159	1.0162	1.0164	1.0166	1.0168	1.0170	1.0173	1.0175
13	1.0151	1.0153	1.0156	1.0159	1.0161	1.0163	1.0165	1.0167	1.0170	1.0172
14	1.0148	1.0150	1.0152	1.0155	1.0157	1.0159	1.0161	1.0163	1.0166	1.0168
15	1.0145	1.0147	1.0149	1.0152	1.0154	1.0156	1.0158	1.0160	1.0163	1.0165
16	1.0141	1.0143	1.0145	1.0148	1.0150	1.0152	1.0154	1.0156	1.0159	1.0161
17	1.0138	1.0140	1.0142	1.0145	1.0147	1.0149	1.0151	1.0153	1.0155	1.0157
18	1.0135	1.0137	1.0139	1.0141	1.0143	1.0145	1.0147	1.0149	1.0152	1.0154
19	1.0132	1.0134	1.0136	1.0138	1.0140	1.0142	1.0144	1.0146	1.0148	1.0150
20	1.0129	1.0131	1.0133	1.0135	1.0137	1.0139	1.0141	1.0143	1.0145	1.0147
21	1.0125	1.0127	1.0129	1.0131	1.0133	1.0135	1.0137	1.0139	1.0141	1.0143
22	1.0122	1.0124	1.0126	1.0128	1.0130	1.0132	1.0134	1.0136	1.0138	1.0139
23	1.0119	1.0120	1.0122	1.0124	1.0126	1.0128	1.0130	1.0132	1.0134	1.0136
24	1.0116	1.0117	1.0119	1.0121	1.0123	1.0125	1.0126	1.0128	1.0130	1.0132
25	1.0113	1.0114	1.0116	1.0118	1.0120	1.0122	1.0123	1.0125	1.0127	1.0128
26	1.0109	1.0110	1.0112	1.0114	1.0116	1.0118	1.0119	1.0121	1.0123	1.0124
27	1.0106	1.0107	1.0109	1.0111	1.0113	1.0115	1.0116	1.0118	1.0120	1.0121
28	1.0103	1.0104	1.0106	1.0107	1.0109	1.0111	1.0112	1.0114	1.0116	1.0117
29	1.0100	1.0101	1.0103	1.0104	1.0106	1.0108	1.0109	1.0111	1.0113	1.0114
30	1.0097	1.0098	1.0100	1.0101	1.0102	1.0104	1.0106	1.0107	1.0109	1.0110
31	1.0094	1.0095	1.0097	1.0098	1.0099	1.0101	1.0102	1.0104	1.0105	1.0106
32	1.0090	1.0091	1.0093	1.0094	1.0095	1.0097	1.0098	1.0100	1.0101	1.0102
33	1.0087	1.0088	1.0090	1.0091	1.0092	1.0094	1.0095	1.0097	1.0098	1.0099
34	1.0084	1.0085	1.0087	1.0088	1.0089	1.0091	1.0092	1.0093	1.0094	1.0095
35	1.0081	1.0082	1.0083	1.0084	1.0085	1.0087	1.0088	1.0089	1.0090	1.0091
36	1.0078	1.0079	1.0080	1.0081	1.0082	1.0083	1.0084	1.0085	1.0086	1.0087
37	1.0075	1.0076	1.0077	1.0078	1.0079	1.0080	1.0081	1.0082	1.0083	1.0084
38	1.0071	1.0072	1.0073	1.0074	1.0075	1.0076	1.0077	1.0078	1.0079	1.0080
39	1.0068	1.0069	1.0070	1.0071	1.0072	1.0073	1.0074	1.0075	1.0076	1.0077
40	1.0065	1.0066	1.0067	1.0067	1.0068	1.0069	1.0070	1.0071	1.0072	1.0073
41	1.0062	1.0063	1.0064	1.0064	1.0065	1.0066	1.0067	1.0068	1.0068	1.0069
42	1.0059	1.0059	1.0060	1.0060	1.0061	1.0062	1.0063	1.0064	1.0065	1.0065
43	1.0055	1.0056	1.0057	1.0057	1.0058	1.0059	1.0059	1.0060	1.0061	1.0061
44	1.0052	1.0052	1.0053	1.0053	1.0054	1.0055	1.0056	1.0057	1.0058	1.0058
45	1.0049	1.0049	1.0050	1.0050	1.0051	1.0052	1.0052	1.0053	1.0054	1.0054
46	1.0046	1.0046	1.0047	1.0047	1.0048	1.0049	1.0049	1.0049	1.0050	1.0050
47	1.0043	1.0043	1.0043	1.0044	1.0044	1.0045	1.0045	1.0046	1.0047	1.0047
48	1.0039	1.0040	1.0040	1.0041	1.0041	1.0042	1.0042	1.0042	1.0043	1.0043
49	1.0036	1.0036	1.0037	1.0037	1.0038	1.0038	1.0039	1.0039	1.0040	1.0040
50	1.0033	1.0033	1.0033	1.0034	1.0034	1.0035	1.0035	1.0035	1.0036	1.0036
51	1.0030	1.0030	1.0030	1.0031	1.0031	1.0032	1.0032	1.0032	1.0033	1.0033
52	1.0026	1.0026	1.0026	1.0027	1.0027	1.0028	1.0028	1.0028	1.0029	1.0029
53	1.0023	1.0023	1.0023	1.0024	1.0024	1.0025	1.0025	1.0025	1.0026	1.0026
54	1.0019	1.0019	1.0020	1.0020	1.0020	1.0021	1.0021	1.0021	1.0022	1.0022
55	1.0016	1.0016	1.0016	1.0017	1.0017	1.0017	1.0017	1.0017	1.0018	1.0018
56	1.0013	1.0013	1.0013	1.0014	1.0014	1.0014	1.0014	1.0014	1.0014	1.0014
57	1.0009	1.0009	1.0009	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010	1.0011
58	1.0006	1.0006	1.0006	1.0007	1.0007	1.0007	1.0007	1.0007	1.0007	1.0007
59	1.0003	1.0003	1.0003	1.0003	1.0003	1.0003	1.0003	1.0003	1.0004	1.0004
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9996	.9996
62	.9993	.9993	.9993	.9993	.9993	.9993	.9993	.9993	.9993	.9993
63	.9990	.9990	.9990	.9990	.9990	.9990	.9990	.9990	.9989	.9989
64	.9987	.9987	.9987	.9987	.9986	.9986	.9986	.9986	.9986	.9986

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	0	1	2	3	4	5	6	7	8	9
	Volume at 60° F. occupied by unit volume at indicated temperature.									
65	0.9984	0.9983	0.9983	0.9983	0.9983	0.9983	0.9982	0.9982	0.9982	0.9982
66	.9981	.9980	.9980	.9980	.9980	.9980	.9979	.9979	.9979	.9978
67	.9978	.9977	.9977	.9977	.9976	.9976	.9976	.9976	.9975	.9975
68	.9974	.9973	.9973	.9973	.9973	.9972	.9972	.9972	.9971	.9971
69	.9971	.9970	.9970	.9970	.9969	.9969	.9969	.9969	.9968	.9968
70	.9968	.9967	.9967	.9967	.9966	.9966	.9965	.9965	.9965	.9964
71	.9964	.9964	.9963	.9963	.9963	.9962	.9962	.9961	.9961	.9960
72	.9961	.9961	.9960	.9960	.9959	.9959	.9958	.9958	.9958	.9957
73	.9957	.9957	.9956	.9956	.9956	.9955	.9955	.9954	.9954	.9953
74	.9954	.9954	.9953	.9953	.9952	.9952	.9952	.9951	.9951	.9950
75	.9951	.9951	.9950	.9950	.9949	.9948	.9948	.9947	.9947	.9946
76	.9947	.9947	.9946	.9946	.9945	.9944	.9944	.9943	.9943	.9942
77	.9944	.9944	.9943	.9943	.9942	.9941	.9941	.9940	.9940	.9939
78	.9941	.9941	.9940	.9940	.9939	.9938	.9938	.9937	.9936	.9935
79	.9938	.9937	.9936	.9936	.9935	.9934	.9934	.9933	.9933	.9932
80	.9935	.9934	.9933	.9933	.9932	.9931	.9931	.9930	.9929	.9929
81	.9931	.9930	.9929	.9929	.9928	.9927	.9927	.9926	.9925	.9925
82	.9928	.9927	.9926	.9926	.9925	.9924	.9924	.9923	.9922	.9922
83	.9925	.9924	.9923	.9923	.9922	.9921	.9920	.9919	.9918	.9918
84	.9922	.9921	.9920	.9919	.9918	.9917	.9917	.9916	.9915	.9915
85	.9919	.9918	.9917	.9916	.9915	.9914	.9914	.9913	.9912	.9911
86	.9915	.9914	.9913	.9913	.9912	.9911	.9910	.9909	.9908	.9907
87	.9912	.9911	.9910	.9909	.9908	.9907	.9907	.9906	.9905	.9904
88	.9909	.9908	.9907	.9906	.9905	.9904	.9903	.9902	.9901	.9900
89	.9905	.9904	.9903	.9902	.9901	.9900	.9900	.9899	.9898	.9897
90	.9902	.9901	.9900	.9899	.9898	.9897	.9896	.9895	.9894	.9893
91	.9898	.9897	.9896	.9895	.9894	.9893	.9892	.9891	.9890	.9889
92	.9895	.9894	.9893	.9892	.9891	.9890	.9889	.9888	.9887	.9886
93	.9892	.9891	.9890	.9889	.9888	.9887	.9886	.9884	.9883	.9882
94	.9889	.9887	.9886	.9885	.9884	.9883	.9882	.9881	.9880	.9879
95	.9886	.9884	.9883	.9882	.9881	.9880	.9879	.9877	.9876	.9875
96	.9882	.9881	.9880	.9879	.9878	.9877	.9876	.9874	.9873	.9872
97	.9879	.9877	.9876	.9875	.9874	.9873	.9872	.9870	.9869	.9868
98	.9876	.9874	.9873	.9872	.9871	.9870	.9869	.9867	.9866	.9865
99	.9872	.9870	.9869	.9868	.9867	.9866	.9865	.9863	.9862	.9861
100	.9869	.9867	.9866	.9865	.9864	.9863	.9862	.9860	.9859	.9858
101	.9866	.9864	.9863	.9862	.9860	.9859	.9858	.9856	.9855	.9854
102	.9862	.9860	.9859	.9858	.9857	.9856	.9855	.9853	.9852	.9851
103	.9859	.9857	.9856	.9855	.9854	.9853	.9852	.9850	.9848	.9847
104	.9856	.9854	.9853	.9852	.9850	.9849	.9848	.9846	.9845	.9844
105	.9853	.9851	.9850	.9849	.9847	.9846	.9844	.9842	.9841	.9840
106	.9850	.9848	.9847	.9846	.9844	.9843	.9841	.9839	.9837	.9836
107	.9846	.9844	.9843	.9842	.9840	.9839	.9837	.9835	.9834	.9833
108	.9843	.9841	.9840	.9839	.9837	.9836	.9834	.9832	.9831	.9829
109	.9839	.9837	.9836	.9835	.9833	.9832	.9831	.9829	.9828	.9826
110	.9836	.9834	.9833	.9832	.9830	.9828	.9827	.9825	.9824	.9822
111	.9833	.9831	.9830	.9829	.9827	.9825	.9823	.9821	.9820	.9818
112	.9829	.9827	.9826	.9825	.9823	.9821	.9820	.9818	.9817	.9815
113	.9826	.9824	.9823	.9822	.9820	.9818	.9816	.9814	.9813	.9811
114	.9823	.9821	.9820	.9818	.9816	.9814	.9813	.9811	.9810	.9808
115	.9820	.9818	.9817	.9815	.9813	.9811	.9809	.9807	.9806	.9804
116	.9817	.9815	.9814	.9812	.9810	.9808	.9806	.9804	.9803	.9801
117	.9813	.9811	.9810	.9808	.9806	.9804	.9802	.9800	.9799	.9797
118	.9810	.9808	.9807	.9805	.9803	.9801	.9799	.9797	.9796	.9794
119	.9806	.9804	.9803	.9801	.9799	.9797	.9795	.9793	.9792	.9790
120	.9803	.9801	.9800	.9798	.9796	.9794	.9792	.9790	.9789	.9787
121	.9800	.9798	.9797	.9795	.9793	.9791	.9789	.9787	.9785	.9783
122	.9797	.9795	.9793	.9791	.9789	.9787	.9785	.9783	.9782	.9780
123	.9794	.9792	.9790	.9788	.9786	.9784	.9782	.9780	.9778	.9776
124	.9790	.9788	.9787	.9785	.9783	.9781	.9779	.9777	.9775	.9773
125	.9787	.9785	.9783	.9781	.9779	.9777	.9775	.9773	.9771	.9769
126	.9784	.9782	.9780	.9778	.9776	.9774	.9772	.9770	.9768	.9766
127	.9780	.9778	.9776	.9774	.9772	.9770	.9768	.9766	.9764	.9762
128	.9777	.9775	.9773	.9771	.9769	.9767	.9765	.9763	.9761	.9759
129	.9774	.9772	.9770	.9768	.9766	.9764	.9762	.9760	.9758	.9756

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	0	1	2	3	4	5	6	7	8	9
	Volume at 60° F occupied by unit volume at indicated temperature.									
130	0.9770	0.9768	0.9766	0.9764	0.9762	0.9760	0.9758	0.9756	0.9754	0.9752
131	.9767	.9765	.97[illegible]	.9761	.9759	.9757	.9755	.9753	.9751	.9748
132	.9763	.9761	.9759	.9757	.9755	.9753	.9751	.9749	.9747	.9745
133	.9760	.9758	.9756	.9754	.9752	.9750	.9748	.9746	.9744	.9741
134	.9757	.9755	.9753	.9751	.9749	.9747	.9745	.9743	.9741	.9738
135	.9753	.9751	.9749	.9747	.9745	.9743	.9741	.9739	.9737	.9734
136	.9750	.9748	.9746	.9744	.9742	.9740	.9738	.9736	.9734	.9731
137	.9747	.9745	.9743	.9741	.9739	.9737	.9735	.9733	.9731	.9728
138	.9743	.9741	.9739	.9737	.9735	.9733	.9731	.9729	.9727	.9724
139	.9740	.9738	.9736	.9734	.9732	.9730	.9728	.9726	.9724	.9721
140	.9736	.9734	.9732	.9730	.9728	.9726	.9724	.9722	.9720	.9717
141	.9733	.9731	.9729	.9727	.9725	.9723	.9721	.9719	.9717	.9714
142	.9730	.9728	.9726	.9724	.9722	.9720	.9718	.9716	.9714	.9711
143	.9726	.9724	.9722	.9720	.9718	.9716	.9714	.9712	.9710	.9707
144	.9723	.9721	.9719	.9717	.9715	.9713	.9711	.9709	.9707	.9704
145	.9719	.9717	.9715	.9713	.9711	.9709	.9707	.9705	.9703	.9700
146	.9716	.9714	.9712	.9710	.9708	.9706	.9704	.9702	.9700	.9697
147	.9713	.9711	.9709	.9707	.9705	.9703	.9701	.9699	.9697	.9694
148	.9709	.9707	.9705	.9703	.9701	.9699	.9697	.9695	.9693	.9690
149	.9706	.9704	.9702	.9700	.9698	.9696	.9694	.9692	.9690	.9687
150	.9703	.9701	.9699	.9697	.9695	.9693	.9691	.9689	.9686	.9683
151	.9699	.9697	.9695	.9693	.9691	.9689	.9687	.9685	.9683	.9680
152	.9696	.9694	.9692	.9690	.9688	.9686	.9684	.9682	.9679	.9676
153	.9692	.9690	.9688	.9686	.9684	.9682	.9680	.9678	.9676	.9673
154	.9689	.9687	.9685	.9683	.9681	.9679	.9677	.9675	.9672	.9669
155	.9686	.9684	.9682	.9680	.9678	.9676	.9674	.9672	.9669	.9666
156	.9682	.9680	.9678	.9676	.9674	.9672	.9670	.9668	.9666	.9663
157	.9679	.9677	.9675	.9673	.9671	.9669	.9667	.9665	.9662	.9659
158	.9676	.9674	.9672	.9670	.9668	.9666	.9664	.9662	.9659	.9656
159	.9672	.9670	.9668	.9666	.9664	.9662	.9660	.9658	.9655	.9652
160	.9669	.9667	.9665	.9663	.9661	.9659	.9657	.9655	.9652	.9649
161	.9666	.9664	.9662	.9660	.9658	.9656	.9654	.9652	.9649	.9646
162	.9662	.9660	.9658	.9656	.9654	.9652	.9650	.9648	.9645	.9642
163	.9659	.9657	.9655	.9653	.9651	.9649	.9647	.9645	.9642	.9639
164	.9655	.9653	.9651	.9649	.9647	.9645	.9643	.9641	.9638	.9635
165	.9652	.9650	.9648	.9646	.9644	.9642	.9640	.9638	.9635	.9632
166	.9649	.9647	.9645	.9643	.9641	.9639	.9637	.9635	.9632	.9629
167	.9645	.9643	.9641	.9639	.9637	.9635	.9633	.9631	.9628	.9625
168	.9642	.9640	.9638	.9636	.9634	.9632	.9630	.9628	.9625	.9622
169	.9639	.9637	.9635	.9633	.9631	.9629	.9627	.9624	.9621	.9618
170	.9635	.9633	.9631	.9629	.9627	.9625	.9623	.9621	.9618	.9615
171	.9632	.9630	.9628	.9626	.9624	.9622	.9620	.9618	.9615	.9612
172	.9628	.9626	.9624	.9622	.9620	.9618	.9616	.9614	.9611	.9608
173	.9625	.9623	.9621	.9619	.9617	.9615	.9613	.9611	.9608	.9605
174	.9622	.9620	.9618	.9616	.9614	.9612	.9610	.9607	.9504	.9601
175	.9618	.9616	.9614	.9612	.9610	.9608	.9606	.9604	.9601	.9598
176	.9615	.9613	.9611	.9609	.9607	.9605	.9603	.9601	.9598	.9595
177	.9612	.9610	.9608	.9606	.9604	.9602	.9600	.9597	.9594	.9591
178	.9608	.9606	.9604	.9602	.9600	.9598	.9596	.9594	.9591	.9588
179	.9605	.9603	.9601	.9599	.9597	.9595	.9593	.9591	.9588	.9585
180	.9602	.9600	.9598	.9596	.9594	.9592	.9590	.9588	.9585	.9582
181	.9598	.9596	.9594	.9592	.9590	.9588	.9586	.9584	.9581	.9578
182	.9595	.9593	.9591	.9589	.9587	.9585	.9583	.9580	.9577	.9574
183	.9592	.9590	.9588	.9586	.9584	.9582	.9580	.9577	.9574	.9571
184	.9588	.9586	.9584	.9582	.9580	.9578	.9576	.9574	.9571	.9568
185	.9585	.9583	.9581	.9579	.9577	.9575	.9573	.9571	.9568	.9565
186	.9581	.9579	.9577	.9575	.9573	.9571	.9569	.9567	.9564	.9561
187	.9578	.9576	.9574	.9572	.9570	.9568	.9566	.9563	.9560	.9557
188	.9575	.9573	.9571	.9569	.9567	.9565	.9563	.9560	.9557	.9554
189	.9571	.9569	.9567	.9565	.9563	.9561	.9559	.9557	.9554	.9551
190	.9568	.9566	.9564	.9562	.9560	.9558	.9556	.9554	.9551	.9548
191	.9565	.9563	.9561	.9559	.9557	.9555	.9553	.9550	.9547	.9544
192	.9561	.9559	.9557	.9555	.9553	.9551	.9549	.9546	.9543	.9540
193	.9558	.9556	.9554	.9552	.9550	.9548	.9546	.9543	.9540	.9537
194	.9555	.9553	.9551	.9549	.9547	.9545	.9543	.9540	.9537	.9534
195	.9551	.9549	.9547	.9545	.9543	.9541	.9539	.9537	.9534	.9531

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	10	11	12	13	14	15	16	17	18	19
	Volume at 60° F. occupied by unit volume at indicated temperature.									
0	1.0223	1.0225	1.0226	1.0228	1.0229	1.0231	1.0233	1.0234	1.0236	1.0237
1	1.0219	1.0221	1.0222	1.0224	1.0225	1.0227	1.0229	1.0230	1.0232	1.0233
2	1.0215	1.0217	1.0218	1.0220	1.0221	1.0223	1.0225	1.0226	1.0228	1.0229
3	1.0212	1.0213	1.0215	1.0216	1.0218	1.0219	1.0221	1.0222	1.0224	1.0225
4	1.0208	1.0209	1.0211	1.0212	1.0214	1.0215	1.0217	1.0218	1.0220	1.0221
5	1.0204	1.0205	1.0207	1.0208	1.0210	1.0211	1.0213	1.0214	1.0216	1.0217
6	1.0200	1.0201	1.0203	1.0204	1.0206	1.0207	1.0209	1.0210	1.0212	1.0213
7	1.0196	1.0197	1.0199	1.0200	1.0202	1.0203	1.0205	1.0206	1.0208	1.0209
8	1.0193	1.0194	1.0196	1.0197	1.0199	1.0200	1.0201	1.0203	1.0204	1.0206
9	1.0189	1.0190	1.0192	1.0193	1.0195	1.0196	1.0197	1.0199	1.0200	1.0202
10	1.0185	1.0186	1.0188	1.0189	1.0191	1.0192	1.0193	1.0195	1.0196	1.0198
11	1.0181	1.0182	1.0184	1.0185	1.0186	1.0188	1.0189	1.0191	1.0192	1.0194
12	1.0177	1.0178	1.0180	1.0181	1.0183	1.0184	1.0185	1.0187	1.0188	1.0190
13	1.0174	1.0175	1.0176	1.0178	1.0179	1.0180	1.0181	1.0183	1.0184	1.0186
14	1.0170	1.0171	1.0172	1.0174	1.0175	1.0176	1.0177	1.0179	1.0180	1.0182
15	1.0166	1.0167	1.0168	1.0170	1.0171	1.0172	1.0173	1.0175	1.0176	1.0178
16	1.0162	1.0163	1.0164	1.0166	1.0167	1.0168	1.0169	1.0171	1.0172	1.0174
17	1.0159	1.0160	1.0161	1.0162	1.0163	1.0164	1.0165	1.0167	1.0168	1.0170
18	1.0156	1.0157	1.0158	1.0159	1.0160	1.0161	1.0162	1.0163	1.0165	1.0166
19	1.0152	1.0153	1.0154	1.0155	1.0156	1.0157	1.0158	1.0159	1.0161	1.0162
20	1.0148	1.0149	1.0150	1.0151	1.0152	1.0153	1.0154	1.0155	1.0157	1.0158
21	1.0144	1.0145	1.0146	1.0147	1.0148	1.0149	1.0150	1.0151	1.0153	1.0154
22	1.0140	1 0141	1.0142	1.0143	1.0144	1.0145	1.0146	1.0147	1.0149	1.0150
23	1.0137	1.0138	1.0139	1.0140	1.0141	1.0142	1.0143	1.0144	1.0145	1.0146
24	1.0133	1.0134	1.0135	1.0136	1.0137	1.0138	1.0139	1.0140	1.0141	1.0142
25	1.0129	1.0130	1.0131	1.0132	1.0133	1.0134	1.0135	1.0136	1.0137	1.0138
26	1.0125	1.0126	1.0127	1.0128	1.0129	1.0130	1.0131	1.0132	1.0133	1.0134
27	1.0122	1.0123	1.0124	1.0124	1.0125	1.0126	1.0127	1.0128	1.0129	1.0130
28	1.0118	1.0119	1.0120	1.0121	1.0122	1.0123	1.0124	1.0125	1.0125	1.0126
29	1.0115	1.0116	1.0117	1.0117	1.0118	1.0119	1.0120	1.0121	1.0121	1.0122
30	1.0111	1.0112	1.0113	1.0113	1.0114	1.0115	1.0116	1.0117	1.0117	1.0118
31	1.0107	1.0108	1.0109	1.0109	1.0110	1.0111	1.0112	1.0113	1.0113	1.0114
32	1.0103	1.0104	1.0105	1.0105	1.0106	1.0107	1.0108	1.0109	1.0109	1.0110
33	1.0100	1.0101	1.0101	1.0102	1.0102	1.0103	1.0104	1.0105	1.0105	1.0106
34	1.0096	1.0097	1.0097	1.0098	1.0098	1.0099	1.0100	1.0101	1.0101	1.0102
35	1.0092	1.0093	1.0093	1.0094	1.0094	1.0095	1.0096	1.0097	1.0097	1.0098
36	1.0088	1.0089	1.0089	1.0090	1.0090	1.0091	1.0092	1.0093	1.0093	1.0094
37	1.0084	1.0085	1.0085	1.0086	1.0086	1.0087	1.0088	1.0089	1.0089	1.0090
38	1.0081	1.0082	1.0082	1.0083	1.0083	1.0084	1.0085	1.0085	1.0086	1.0086
39	1.0077	1.0078	1.0078	1.0079	1.0079	1.0080	1.0081	1.0081	1.0082	1.0082
40	1.0073	1.0074	1.0074	1.0075	1.0075	1.0076	1.0077	1.0077	1.0078	1.0078
41	1.0069	1.0070	1.0070	1.0071	1.0071	1.0072	1.0073	1.0073	1.0074	1.0074
42	1.0066	1.0066	1.0067	1.0067	1.0068	1.0068	1.0069	1.0069	1.0070	1.0070
43	1.0062	1.0063	1.0063	1.0064	1.0064	1.0065	1.0065	1.0066	1.0066	1.0067
44	1.0059	1.0059	1.0060	1.0060	1.0061	1.0061	1.0061	1.0062	1.0062	1.0063
45	1.0055	1.0055	1.0056	1.0056	1.0057	1.0057	1.0057	1.0058	1.0058	1.0059
46	1.0051	1.0051	1.0052	1.0052	1.0053	1.0053	1.0053	1.0054	1.0054	1.0055
47	1.0048	1.0048	1.0048	1.0049	1.0049	1.0049	1.0049	1.0050	1.0050	1.0051
48	1.0044	1.0044	1.0045	1.0045	1.0046	1.0046	1.0046	1.0046	1.0047	1.0047
49	1.0041	1.0041	1.0041	1.0042	1.0042	1.0042	1.0042	1.0042	1.0043	1.0043
50	1.0037	1.0037	1.0037	1.0038	1.0038	1.0038	1.0038	1.0038	1.0039	1.0039
51	1.0033	1.0033	1.0033	1.0034	1.0034	1.0034	1.0034	1.0034	1.0035	1.0035
52	1.0029	1.0029	1.0029	1.0030	1.0030	1.0030	1.0030	1.0030	1.0031	1.0031
53	1.0026	1.0026	1.0026	1.0027	1.0027	1.0027	1.0027	1.0027	1.0028	1.0028
54	1.0022	1.0022	1.0022	1.0023	1.0023	1.0023	1.0023	1.0023	1.0024	1.0024
55	1.0018	1.0018	1.0018	1.0019	1.0019	1.0019	1.0019	1.0019	1.0020	1.0020
56	1.0014	1.0014	1.0014	1.0015	1.0015	1.0015	1.0015	1.0015	1.0016	1.0016
57	1.0011	1.0011	1.0011	1.0011	1.0011	1.0011	1.0011	1.0011	1.0012	1.0012
58	1.0007	1.0007	1.0007	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008
59	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9996	.9996	.9996	.9996	.9996	.9996	.9996	.9996	.9996	.9996
62	.9993	.9993	.9993	.9992	.9992	.9992	.9992	.9992	.9992	.9992
63	.9989	.9989	.9989	.9989	.9989	.9989	.9989	.9989	.9988	.9988
64	.9986	.9986	.9986	.9985	.9985	.9985	.9985	.9985	.9984	.9984

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	10	11	12	13	14	15	16	17	18	19
	Volume at 60° F. occupied by unit volume at indicated temperature.									
65	0.9982	0.9982	0.9982	0.9981	0.9981	0.9981	0.9981	0.9981	0.9980	0.9980
66	.9978	.9978	.9978	.9977	.9977	.9977	.9977	.9977	.9976	.9976
67	.9975	.9975	.9974	.9974	.9973	.9973	.9973	.9973	.9972	.9972
68	.9971	.9971	.9971	.9970	.9970	.9970	.9970	.9970	.9969	.9969
69	.9968	.9968	.9967	.9967	.9966	.9966	.9966	.9966	.9965	.9965
70	.9964	.9964	.9963	.9963	.9962	.9962	.9962	.9962	.9961	.9961
71	.9960	.9960	.9959	.9959	.9958	.9958	.9958	.9958	.9957	.9957
72	.9957	.9956	.9956	.9955	.9955	.9954	.9954	.9954	.9953	.9953
73	.9953	.9953	.9952	.9952	.9951	.9951	.9951	.9950	.9950	.9949
74	.9950	.9949	.9949	.9948	.9948	.9947	.9947	.9946	.9946	.9945
75	.9946	.9945	.9945	.9944	.9944	.9943	.9943	.9942	.9942	.9941
76	.9942	.9941	.9941	.9940	.9940	.9939	.9939	.9938	.9938	.9937
77	.9939	.9938	.9938	.9937	.9937	.9936	.9935	.9935	.9934	.9934
78	.9935	.9934	.9934	.9933	.9933	.9932	.9932	.9931	.9931	.9930
79	.9932	.9931	.9931	.9930	.9930	.9929	.9928	.9928	.9927	.9927
80	.9928	.9927	.9927	.9926	.9926	.9925	.9924	.9924	.9923	.9923
81	.9924	.9923	.9923	.9922	.9922	.9921	.9920	.9920	.9919	.9919
82	.9921	.9920	.9919	.9919	.9918	.9917	.9916	.9916	.9915	.9915
83	.9917	.9916	.9916	.9915	.9915	.9914	.9913	.9912	.9912	.9911
84	.9914	.9913	.9912	.9912	.9911	.9910	.9909	.9908	.9908	.9907
85	.9910	.9909	.9908	.9908	.9907	.9906	.9905	.9904	.9904	.9903
86	.9906	.9905	.9904	.9904	.9903	.9902	.9901	.9900	.9900	.9899
87	.9903	.9902	.9901	.9900	.9899	.9898	.9897	.9896	.9896	.9895
88	.9899	.9898	.9897	.9897	.9896	.9895	.9894	.9893	.9893	.9892
89	.9896	.9895	.9894	.9893	.9892	.9891	.9890	.9889	.9889	.9888
90	.9892	.9891	.9890	.9889	.9888	.9887	.9886	.9885	.9885	.9884
91	.9888	.9887	.9886	.9885	.9884	.9883	.9882	.9881	.9881	.9880
92	.9885	.9884	.9883	.9881	.9880	.9879	.9878	.9877	.9877	.9876
93	.9881	.9880	.9879	.9878	.9877	.9876	.9875	.9874	.9873	.9872
94	.9878	.9877	.9876	.9874	.9873	.9872	.9871	.9870	.9869	.9868
95	.9874	.9873	.9872	.9870	.9869	.9868	.9867	.9866	.9865	.9864
96	.9870	.9869	.9868	.9866	.9865	.9864	.9863	.9862	.9861	.9860
97	.9867	.9866	.9865	.9863	.9862	.9861	.9860	.9859	.9857	.9856
98	.9863	.9862	.9861	.9859	.9858	.9857	.9856	.9855	.9854	.9853
99	.9860	.9859	.9858	.9856	.9855	.9854	.9853	.9852	.9850	.9849
100	.9856	.9855	.9854	.9852	.9851	.9850	.9849	.9848	.9846	.9845
101	.9852	.9851	.9850	.9848	.9847	.9846	.9845	.9844	.9842	.9841
102	.9849	.9848	.9846	.9845	.9843	.9842	.9841	.9840	.9838	.9837
103	.9845	.9844	.9843	.9841	.9840	.9839	.9838	.9837	.9835	.9834
104	.9842	.9841	.9839	.9838	.9836	.9835	.9834	.9833	.9831	.9830
105	.9838	.9837	.9835	.9834	.9832	.9831	.9830	.9829	.9827	.9826
106	.9834	.9833	.9831	.9830	.9828	.9827	.9826	.9825	.9823	.9822
107	.9831	.9830	.9828	.9827	.9825	.9824	.9823	.9821	.9820	.9818
108	.9827	.9826	.9824	.9823	.9821	.9820	.9819	.9818	.9816	.9815
109	.9824	.9823	.9821	.9820	.9818	.9817	.9816	.9814	.9813	.9811
110	.9820	.9819	.9817	.9816	.9814	.9813	.9812	.9810	.9809	.9807
111	.9816	.9815	.9813	.9812	.9810	.9809	.9808	.9806	.9805	.9803
112	.9813	.9811	.9810	.9808	.9807	.9805	.9804	.9802	.9801	.9799
113	.9809	.9808	.9806	.9805	.9803	.9802	.9800	.9799	.9797	.9796
114	.9806	.9804	.9803	.9801	.9800	.9798	.9796	.9795	.9793	.9792
115	.9802	.9800	.9799	.9797	.9796	.9794	.9792	.9791	.9789	.9788
116	.9799	.9797	.9795	.9794	.9792	.9790	.9788	.9787	.9785	.9784
117	.9795	.9793	.9792	.9790	.9789	.9787	.9785	.9783	.9782	.9780
118	.9792	.9790	.9788	.9787	.9785	.9783	.9781	.9780	.9778	.9777
119	.9788	.9786	.9785	.9783	.9782	.9780	.9778	.9776	.9775	.9773
120	.9785	.9783	.9781	.9780	.9778	.9776	.9774	.9772	.9771	.9769
121	.9781	.9779	.9777	.9776	.9774	.9772	.9770	.9768	.9767	.9765
122	.9778	.9776	.9774	.9772	.9770	.9768	.9766	.9764	.9763	.9761
123	.9774	.9772	.9770	.9769	.9767	.9765	.9763	.9761	.9760	.9758
124	.9771	.9769	.9767	.9765	.9763	.9761	.9759	.9757	.9756	.9754
125	.9767	.9765	.9763	.9761	.9759	.9757	.9755	.9753	.9752	.9750
126	.9764	.9762	.9760	.9757	.9755	.9753	.9751	.9749	.9748	.9746
127	.9760	.9758	.9756	.9754	.9752	.9750	.9748	.9746	.9744	.9742
128	.9757	.9755	.9753	.9750	.9748	.9746	.9744	.9742	.9741	.9739
129	.9753	.9751	.9749	.9747	.9745	.9743	.9741	.9739	.9737	.9736

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	10	11	12	13	14	15	16	17	18	19
	Volume at 60° F. occupied by unit volume at indicated temperature.									
130	0.9750	0.9748	0.9746	0.9743	0.9741	0.9739	0.9737	0.9735	0.9733	0.9731
131	.9746	.9744	.9742	.9739	.9737	.9735	.9733	.9731	.9729	.9727
132	.9743	.9741	.9739	.9736	.9734	.9732	.9730	.9728	.9725	.9723
133	.9739	.9737	.9735	.9732	.9730	.9728	.9726	.9724	.9722	.9720
134	.9736	.9734	.9732	.9729	.9727	.9725	.9723	.9721	.9718	.9716
135	.9732	.9730	.9728	.9725	.9723	.9721	.9719	.9717	.9714	.9712
136	.9729	.9727	.9724	.9722	.9719	.9717	.9715	.9713	.9710	.9708
137	.9725	.9723	.9721	.9718	.9716	.9714	.9712	.9709	.9707	.9704
138	.9722	.9720	.9717	.9715	.9712	.9710	.9708	.9706	.9703	.9701
139	.9718	.9716	.9714	.9711	.9709	.9707	.9705	.9702	.9700	.9697
140	.9715	.9713	.9710	.9708	.9705	.9703	.9701	.9698	.9696	.9693
141	.9712	.9709	.9707	.9704	.9702	.9699	.9697	.9694	.9692	.9689
142	.9708	.9706	.9703	.9701	.9698	.9696	.9693	.9691	.9688	.9686
143	.9705	.9702	.9700	.9697	.9695	.9692	.9690	.9687	.9685	.9682
144	.9701	.9699	.9696	.9694	.9691	.9689	.9686	.9684	.9681	.9679
145	.9698	.9695	.9693	.9690	.9688	.9685	.9682	.9680	.9677	.9675
146	.9694	.9691	.9689	.9686	.9684	.9681	.9678	.9676	.9673	.9671
147	.9691	.9688	.9685	.9683	.9680	.9677	.9674	.9672	.9669	.9667
148	.9687	.9684	.9682	.9679	.9677	.9674	.9671	.9669	.9666	.9664
149	.9684	.9681	.9678	.9676	.9673	.9670	.9667	.9665	.9662	.9660
150	.9680	.9677	.9674	.9672	.9669	.9666	.9663	.9661	.9658	.9656
151	.9677	.9674	.9671	.9668	.9665	.9662	.9659	.9657	.9654	.9652
152	.9673	.9670	.9667	.9665	.9662	.9659	.9656	.9653	.9651	.9648
153	.9670	.9667	.9664	.9661	.9658	.9655	.9652	.9650	.9647	.9645
154	.9666	.9663	.9660	.9658	.9655	.9652	.9649	.9646	.9644	.9641
155	.9663	.9660	.9657	.9654	.9651	.9648	.9645	.9642	.9640	.9637
156	.9660	.9657	.9654	.9650	.9647	.9644	.9641	.9638	.9636	.9633
157	.9656	.9653	.9650	.9647	.9644	.9641	.9638	.9635	.9632	.9629
158	.9653	.9650	.9647	.9643	.9640	.9637	.9634	.9631	.9629	.9626
159	.9649	.9646	.9643	.9640	.9637	.9634	.9631	.9628	.9625	.9622
160	.9646	.9643	.9640	.9636	.9633	.9630	.9627	.9624	.9621	.9618
161	.9643	.9640	.9636	.9633	.9629	.9626	.9623	.9620	.9617	.9614
162	.9639	.9636	.9633	.9629	.9626	.9623	.9620	.9617	.9614	.9611
163	.9636	.9633	.9629	.9626	.9622	.9619	.9616	.9613	.9610	.9607
164	.9632	.9629	.9626	.9622	.9619	.9616	.9613	.9610	.9607	.9604
165	.9629	.9626	.9622	.9619	.9615	.9612	.9609	.9606	.9603	.9600
166	.9626	.9622	.9619	.9615	.9612	.9608	.9605	.9602	.9599	.9596
167	.9622	.9619	.9615	.9612	.9608	.9605	.9602	.9599	.9595	.9592
168	.9619	.9615	.9612	.9608	.9605	.9601	.9598	.9595	.9592	.9589
169	.9615	.9612	.9608	.9605	.9601	.9598	.9595	.9592	.9588	.9585
170	.9612	.9608	.9605	.9601	.9598	.9594	.9591	.9588	.9584	.9581
171	.9609	.9605	.9601	.9598	.9594	.9590	.9587	.9584	.9580	.9577
172	.9605	.9601	.9598	.9594	.9591	.9587	.9584	.9580	.9577	.9573
173	.9602	.9598	.9594	.9591	.9587	.9583	.9580	.9577	.9573	.9570
174	.9598	.9594	.9591	.9587	.9584	.9580	.9577	.9573	.9570	.9566
175	.9595	.9591	.9587	.9584	.9580	.9576	.9573	.9569	.9566	.9562
176	.9592	.9588	.9584	.9580	.9576	.9572	.9569	.9565	.9562	.9558
177	.9588	.9584	.9580	.9577	.9573	.9569	.9565	.9562	.9558	.9555
178	.9585	.9581	.9577	.9573	.9569	.9565	.9562	.9558	.9555	.9551
179	.9581	.9577	.9573	.9570	.9566	.9562	.9558	.9555	.9551	.9548
180	.9578	.9574	.9570	.9566	.9562	.9558	.9554	.9551	.9547	.9544
181	.9575	.9571	.9567	.9563	.9559	.9555	.9551	.9547	.9544	.9540
182	.9571	.9567	.9563	.9559	.9555	.9551	.9547	.9544	.9540	.9537
183	.9568	.9564	.9560	.9556	.9552	.9548	.9544	.9540	.9537	.9533
184	.9564	.9560	.9556	.9552	.9548	.9544	.9540	.9537	.9533	.9530
185	.9561	.9557	.9553	.9549	.9545	.9541	.9537	.9533	.9530	.9526
186	.9558	.9554	.9550	.9545	.9541	.9537	.9533	.9529	.9526	.9522
187	.9554	.9550	.9546	.9542	.9538	.9534	.9530	.9526	.9522	.9518
188	.9551	.9547	.9543	.9538	.9534	.9530	.9526	.9522	.9519	.9515
189	.9547	.9543	.9539	.9535	.9531	.9527	.9523	.9519	.9515	.9511
190	.9544	.9540	.9536	.9531	.9527	.9523	.9519	.9515	.9511	.9507
191	.9541	.9537	.9532	.9528	.9523	.9519	.9515	.9511	.9507	.9503
192	.9537	.9533	.9529	.9524	.9520	.9516	.9512	.9508	.9504	.9500
193	.9534	.9530	.9525	.9521	.9516	.9512	.9508	.9504	.9500	.9496
194	.9530	.9526	.9522	.9517	.9513	.9509	.9505	.9501	.9497	.9493
195	.9527	.9523	.9518	.9514	.9509	.9505	.9501	.9497	.9493	.9489

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	20	21	22	23	24	25	26	27	28	29
	Volume at 60° F. occupied by unit volume at indicated temperature.									
0	1.0239	1.0241	1.0242	1.0244	1.0245	1.0247	1.0249	1.0250	1.0252	1.0254
1	1.0235	1.0237	1.0238	1.0240	1.0241	1.0243	1.0245	1.0246	1.0248	1.0250
2	1.0231	1.0233	1.0234	1.0236	1.0237	1.0239	1.0241	1.0243	1.0244	1.0245
3	1.0227	1.0228	1.0230	1.0231	1.0232	1.0234	1.0236	1.0237	1.0239	1.0241
4	1.0223	1.0224	1.0226	1.0227	1.0228	1.0230	1.0232	1.0233	1.0235	1.0236
5	1.0219	1.0220	1.0222	1.0223	1.0224	1.0226	1.0228	1.0229	1.0231	1.0232
6	1.0215	1.0216	1.0218	1.0219	1.0220	1.0222	1.0224	1.0225	1.0227	1.0228
7	1.0211	1.0212	1.0214	1.0215	1.0216	1.0218	1.0220	1.0221	1.0223	1.0224
8	1.0207	1.0208	1.0210	1.0211	1.0212	1.0213	1.0215	1.0216	1.0218	1.0219
9	1.0203	1.0204	1.0206	1.0207	1.0208	1.0209	1.0211	1.0212	1.0214	1.0215
10	1.0199	1.0200	1.0202	1.0203	1.0204	1.0205	1.0207	1.0208	1.0210	1.0211
11	1.0195	1.0196	1.0198	1.0199	1.0200	1.0201	1.0203	1.0204	1.0206	1.0207
12	1.0191	1.0192	1.0194	1.0195	1.0196	1.0197	1.0199	1.0200	1.0202	1.0203
13	1.0187	1.0188	1.0189	1.0190	1.0191	1.0192	1.0194	1.0195	1.0197	1.0198
14	1.0183	1.0184	1.0185	1.0186	1.0187	1.0188	1.0190	1.0191	1.0193	1.0194
15	1.0179	1.0180	1.0181	1.0182	1.0183	1.0184	1.0186	1.0187	1.0189	1.0190
16	1.0175	1.0176	1.0177	1.0178	1.0179	1.0180	1.0182	1.0183	1.0185	1.0186
17	1.0171	1.0172	1.0173	1.0174	1.0175	1.0176	1.0178	1.0179	1.0181	1.0182
18	1.0167	1.0168	1.0169	1.0170	1.0171	1.0172	1.0173	1.0175	1.0176	1.0177
19	1.0163	1.0164	1.0165	1.0166	1.0167	1.0168	1.0169	1.0171	1.0172	1.0173
20	1.0159	1.0160	1.0151	1.0162	1.0163	1.0164	1.0165	1.0167	1.0168	1.0169
21	1.0155	1.0156	1.0157	1.0158	1.0159	1.0160	1.0161	1.0163	1.0164	1.0165
22	1.0151	1.0152	1.0153	1.0154	1.0155	1.0156	1.0157	1.0159	1.0160	1.0161
23	1.0147	1.0148	1.0148	1.0149	1.0150	1.0151	1.0152	1.0154	1.0155	1.0156
24	1.0143	1.0144	1.0144	1.0145	1.0146	1.0147	1.0148	1.0150	1.0151	1.0152
25	1.0139	1.0140	1.0140	1.0141	1.0142	1.0143	1.0144	1.0146	1.0147	1.0148
26	1.0135	1.0136	1.0136	1.0137	1.0138	1.0139	1.0140	1.0142	1.0143	1.0144
27	1.0131	1.0132	1.0132	1.0133	1.0134	1.0135	1.0136	1.0138	1.0139	1.0140
28	1.0127	1.0128	1.0128	1.0129	1.0130	1.0131	1.0132	1.0133	1.0134	1.0135
29	1.0123	1.0124	1.0124	1.0125	1.0126	1.0127	1.0128	1.0129	1.0130	1.0131
30	1.0119	1.0120	1.0120	1.0121	1.0122	1.0123	1.0124	1.0125	1.0126	1.0127
31	1.0115	1.0116	1.0116	1.0117	1.0118	1.0119	1.0120	1.0121	1.0122	1.0123
32	1.0111	1.0112	1.0112	1.0113	1.0114	1.0115	1.0116	1.0117	1.0118	1.0118
33	1.0107	1.0108	1.0108	1.0109	1.0109	1.0110	1.0111	1.0112	1.0113	1.0114
34	1.0103	1.0104	1.0104	1.0105	1.0105	1.0106	1.0107	1.0108	1.0109	1.0109
35	1.0099	1.0100	1.0100	1.0101	1.0101	1.0102	1.0103	1.0104	1.0105	1.0105
36	1.0095	1.0096	1.0096	1.0097	1.0097	1.0098	1.0099	1.0100	1.0101	1.0101
37	1.0091	1.0092	1.0092	1.0093	1.0093	1.0094	1.0095	1.0096	1.0097	1.0097
38	1.0087	1.0088	1.0088	1.0089	1.0089	1.0090	1.0091	1.0091	1.0092	1.0092
39	1.0083	1.0084	1.0084	1.0085	1.0085	1.0086	1.0087	1.0087	1.0088	1.0088
40	1.0079	1.0080	1.0080	1.0081	1.0081	1.0082	1.0083	1.0083	1.0084	1.0084
41	1.0075	1.0076	1.0076	1.0077	1.0077	1.0078	1.0079	1.0079	1.0080	1.0080
42	1.0071	1.0072	1.0072	1.0073	1.0073	1.0074	1.0075	1.0075	1.0076	1.0076
43	1.0067	1.0067	1.0068	1.0068	1.0069	1.0069	1.0070	1.0070	1.0071	1.0071
44	1.0063	1.0063	1.0064	1.0064	1.0064	1.0065	1.0066	1.0066	1.0067	1.0067
45	1.0059	1.0059	1.0060	1.0060	1.0060	1.0061	1.0062	1.0062	1.0063	1.0063
46	1.0055	1.0055	1.0056	1.0056	1.0056	1.0057	1.0058	1.0058	1.0059	1.0059
47	1.0051	1.0051	1.0052	1.0052	1.0052	1.0053	1.0054	1.0054	1.0055	1.0055
48	1.0047	1.0047	1.0048	1.0048	1.0048	1.0049	1.0049	1.0050	1.0050	1.0050
49	1.0043	1.0043	1.0044	1.0044	1.0044	1.0045	1.0045	1.0046	1.0046	1.0046
50	1.0039	1.0039	1.0040	1.0040	1.0040	1.0041	1.0041	1.0042	1.0042	1.0042
51	1.0035	1.0035	1.0036	1.0036	1.0036	1.0037	1.0037	1.0038	1.0038	1.0038
52	1.0031	1.0031	1.0032	1.0032	1.0032	1.0033	1.0033	1.0034	1.0034	1.0034
53	1.0028	1.0028	1.0028	1.0028	1.0028	1.0028	1.0028	1.0029	1.0029	1.0029
54	1.0024	1.0024	1.0024	1.0024	1.0024	1.0024	1.0024	1.0025	1.0025	1.0025
55	1.0020	1.0020	1.0020	1.0020	1.0020	1.0020	1.0020	1.0021	1.0021	1.0021
56	1.0016	1.0016	1.0016	1.0016	1.0016	1.0016	1.0016	1.0017	1.0017	1.0017
57	1.0012	1.0012	1.0012	1.0012	1.0012	1.0012	1.0012	1.0013	1.0013	1.0013
58	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008
59	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9996	.9996	.9996	.9996	.9996	.9996	.9996	.9996	.9996	.9996
62	.9992	.9992	.9992	.9992	.9992	.9992	.9992	.9992	.9992	.9992
63	.9988	.9988	.9988	.9988	.9988	.9988	.9988	.9987	.9987	.9987
64	.9984	.9984	.9984	.9984	.9984	.9984	.9984	.9983	.9983	.9983

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	20	21	22	23	24	25	26	27	28	29
	Volume at 60° F. occupied by unit volume at indicated temperature.									
65	0.9980	0.9980	0.9980	0.9980	0.9980	0.9980	0.9980	0.9979	0.9979	0.9979
66	.9976	.9976	.9976	.9976	.9976	.9976	.9976	.9975	.9975	.9975
67	.9972	.9972	.9972	.9972	.9972	.9972	.9972	.9971	.9971	.9971
68	.9969	.9969	.9968	.9968	.9968	.9967	.9967	.9966	.9966	.9966
69	.9965	.9965	.9964	.9964	.9964	.9963	.9963	.9962	.9962	.9962
70	.9961	.9961	.9960	.9960	.9960	.9959	.9959	.9958	.9958	.9958
71	.9957	.9957	.9956	.9956	.9956	.9955	.9955	.9954	.9954	.9954
72	.9953	.9953	.9952	.9952	.9952	.9951	.9951	.9950	.9950	.9950
73	.9949	.9949	.9948	.9948	.9948	.9947	.9947	.9946	.9946	.9946
74	.9945	.9945	.9944	.9944	.9944	.9943	.9943	.9942	.9942	.9942
75	.9941	.9941	.9940	.9940	.9940	.9939	.9939	.9938	.9938	.9938
76	.9937	.9937	.9936	.9936	.9936	.9935	.9935	.9934	.9934	.9934
77	.9933	.9933	.9932	.9932	.9932	.9931	.9931	.9930	.9930	.9929
78	.9930	.9929	.9929	.9928	.9928	.9927	.9926	.9926	.9925	.9925
79	.9926	.9925	.9925	.9924	.9924	.9923	.9922	.9922	.9921	.9920
80	.9922	.9921	.9921	.9920	.9920	.9919	.9918	.9918	.9917	.9916
81	.9918	.9917	.9917	.9916	.9916	.9915	.9914	.9914	.9913	.9912
82	.9914	.9913	.9913	.9912	.9912	.9911	.9910	.9910	.9909	.9908
83	.9910	.9909	.9909	.9908	.9908	.9907	.9906	.9905	.9904	.9903
84	.9906	.9905	.9905	.9904	.9904	.9903	.9902	.9901	.9900	.9899
85	.9902	.9901	.9901	.9900	.9900	.9899	.9898	.9897	.9896	.9895
86	.9898	.9897	.9897	.9896	.9896	.9895	.9894	.9893	.9892	.9891
87	.9894	.9893	.9893	.9892	.9892	.9891	.9890	.9889	.9888	.9887
88	.9891	.9890	.9889	.9888	.9887	.9886	.9885	.9884	.9883	.9882
89	.9887	.9886	.9885	.9884	.9883	.9882	.9881	.9880	.9879	.9878
90	.9883	.9882	.9881	.9880	.9879	.9878	.9877	.9876	.9875	.9874
91	.9879	.9878	.9877	.9876	.9875	.9874	.9873	.9872	.9871	.9870
92	.9875	.9874	.9873	.9872	.9871	.9870	.9869	.9868	.9867	.9866
93	.9871	.9870	.9869	.9868	.9867	.9866	.9865	.9864	.9863	.9862
94	.9867	.9866	.9865	.9864	.9863	.9862	.9861	.9860	.9859	.9858
95	.9863	.9862	.9861	.9860	.9859	.9858	.9857	.9856	.9855	.9854
96	.9859	.9858	.9857	.9856	.9855	.9854	.9853	.9852	.9851	.9850
97	.9855	.9854	.9853	.9852	.9851	.9850	.9849	.9848	.9847	.9846
98	.9852	.9851	.9849	.9848	.9847	.9846	.9845	.9843	.9842	.9841
99	.9848	.9847	.9845	.9844	.9843	.9842	.9841	.9839	.9838	.9837
100	.9844	.9843	.9841	.9840	.9839	.9838	9837	.9835	.9834	.9833
101	.9840	.9839	.9837	.9836	.9835	.9834	.9833	.9831	.9830	.9829
102	.9836	.9835	.9833	.9832	.9831	.9830	.9829	.9827	.9826	.9823
103	.9833	.9832	.9830	.9829	.9828	.9826	.9824	.9823	.9821	.9820
104	.9829	.9828	.9826	.9825	.9824	.9822	.9820	.9819	.9817	.9816
105	.9825	.9824	.9822	.9821	.9820	.9818	.9816	.9815	.9813	.9812
106	.9821	.9820	.9818	.9817	.9816	.9814	.9812	.9811	.9809	.9808
107	.9817	.9816	.9814	.9813	.9812	.9810	.9808	.9807	.9805	.9804
108	.9814	.9812	.9811	.9809	.9808	.9806	.9804	.9803	.9801	.9799
109	.9810	.9808	.9807	.9805	.9804	.9802	.9800	.9799	.9797	.9795
110	.9806	.9804	.9803	.9801	.9800	.9798	.9796	.9795	.9793	.9791
111	.9802	.9800	.9799	.9797	.9796	.9794	.9792	.9791	.9789	.9787
112	.9798	.9796	.9795	.9793	.9792	.9790	.9788	.9787	.9785	.9783
113	.9794	.9792	.9791	.9789	.9788	.9786	.9784	.9782	.9780	.9778
114	.9790	.9788	.9787	.9785	.9784	.9782	.9780	.9778	.9776	.9774
115	.9786	.9784	.9783	.9781	.9780	.9778	.9776	.9774	.9772	.9770
116	.9782	.9780	.9779	.9777	.9776	.9774	.9772	.9770	.9768	.9766
117	.9778	.9776	.9775	.9773	.9772	.9770	.9768	.9766	.9764	.9762
118	.9775	.9773	.9771	.9769	.9768	.9766	.9764	.9761	.9759	.9757
119	.9771	.9769	.9767	.9765	.9764	.9762	.9760	.9757	.9755	.9753
120	.9767	.9765	.9763	.9761	.9760	.9758	.9756	.9753	.9751	.9749
121	.9763	.9761	.9759	.9757	.9756	.9754	.9752	.9749	.9747	.9745
122	.9759	.9757	.9755	.9753	.9752	.9750	.9748	.9745	.9743	.9741
123	.9756	.9754	.9752	.9750	.9748	.9746	.9744	.9741	.9739	.9737
124	.9752	.9750	.9748	.9746	.9744	.9742	.9740	.9737	.9735	.9733
125	.9748	.9746	.9744	.9742	.9740	.9738	.9736	.9733	.9731	.9729
126	.9744	.9742	.9740	.9738	.9736	.9734	.9732	.9729	.9727	.9725
127	.9740	.9738	.9736	.9734	.9732	.9730	.9728	.9725	.9723	.9721
128	.9737	.9735	.9732	.9730	.9728	.9726	.9723	.9721	.9718	.9716
129	.9733	.9731	.9728	.9726	.9724	.9722	.9719	.9717	.9714	.9712

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in ° F.	Degrees A. P. I. at 60°F.									
	20	21	22	23	24	25	26	27	28	29
	Volume at 60° F. occupied by unit volume at indicated temperature.									
130	0.9729	0.9727	0.9724	0.9722	0.9720	0.9718	0.9715	0.9713	0.9710	0.9708
131	.9725	.9723	.9720	.9718	.9716	.9714	.9711	.9709	.9706	.9704
132	.9721	.9719	.9716	.9714	.9712	.9710	.9707	.9705	.9702	.9700
133	.9718	.9716	.9713	.9711	.9709	.9707	.9704	.9701	.9698	.9695
134	.9714	.9712	.9709	.9707	.9705	.9703	.9700	.9697	.9694	.9691
135	.9710	.9708	.9705	.9703	.9701	.9699	.9696	.9693	.9690	.9687
136	.9706	.9704	.9701	.9699	.9697	.9695	.9692	.9689	.9686	.9683
137	.9702	.9700	.9697	.9695	.9693	.9691	.9688	.9685	.9682	.9679
138	.9699	.9696	.9694	.9691	.9689	.9687	.9684	.9681	.9678	.9675
139	9695	.9692	.9690	.9687	.9685	.9683	.9680	.9677	.9674	.9671
140	.9691	.9688	.9686	.9683	.9681	.9679	.9676	.9673	.9670	.9667
141	.9687	.9684	.9682	.9679	.9677	.9675	.9672	.9669	.9666	.9663
142	.9683	.9680	.9678	.9675	.9673	.9671	.9668	.9665	.9662	.9659
143	.9680	.9677	.9675	.9672	.9670	.9667	.9664	.9660	.9657	.9654
144	.9676	.9673	.9671	.9668	.9666	.9663	.9660	.9656	.9653	.9650
145	.9672	.9669	.9667	.9664	.9662	.9659	.9656	.9652	.9649	.9646
146	.9668	.9665	.9663	.9660	.9658	.9655	.9652	.9648	.9645	.9642
147	.9664	.9661	.9659	.9656	.9654	.9651	.9648	.9644	.9641	.9638
148	.9661	.9658	.9655	.9652	.9650	.9647	.9644	.9640	.9636	.9633
149	.9657	.9654	.9651	.9648	.9646	.9643	.9639	.9636	.9632	.9629
150	.9653	.9650	.9647	.9644	.9642	.9639	.9635	.9632	.9628	.9625
151	.9649	.9646	.9643	.9640	.9638	.9635	.9631	.9628	.9624	.9621
152	.9645	.9642	.9639	.9636	.9634	.9631	.9627	.9624	.9620	.9617
153	.9642	.9639	.9636	.9633	.9631	.9628	.9624	.9620	.9616	.9613
154	9638	.9635	.9632	.9629	.9627	.9624	.9620	.9616	.9612	.9609
155	.9634	.9631	.9628	.9625	.9623	.9620	.9616	.9612	.9608	.9605
156	.9630	.9627	.9624	.9621	.9619	.9616	.9612	.9608	.9604	.9601
157	.9626	.9623	.9620	.9617	.9615	.9612	.9608	.9604	.9600	.9597
158	.9623	.9620	.9616	.9613	.9611	.9608	.9604	.9600	.9596	.9592
159	.9619	.9616	.9612	.9609	.9607	.9604	.9600	.9596	.9592	.9588
160	.9615	.9612	.9608	.9605	.9603	.9600	.9596	.9592	.9588	.9584
161	.9611	.9608	.9604	.9601	.9599	.9596	.9592	.9588	.9584	.9580
162	.9608	.9604	.9601	.9597	.9595	.9592	.9588	.9584	.9580	.9576
163	.9604	.9601	.9597	.9594	.9591	.9588	.9584	.9580	.9576	.9572
164	.9601	.9597	.9594	.9590	.9587	.9584	.9580	.9576	.9572	.9568
165	.9597	.9593	.9590	.9586	.9583	.9580	.9576	.9572	.9568	.9564
166	.9593	.9589	.9586	.9582	.9579	.9576	.9572	.9568	.9564	.9560
167	.9589	.9585	.9582	.9578	.9575	.9572	.9568	.9564	.9560	.9556
168	.9586	.9582	.9578	.9574	.9571	.9568	.9564	.9559	.9555	.9551
169	.9582	.9578	.9574	.9570	.9567	.9564	.9560	.9555	.9551	.9547
170	.9578	.9574	.9570	.9566	.9563	.9560	.9556	.9551	.9547	.9543
171	.9574	.9570	.9566	.9562	.9559	.9556	.9552	.9547	.9543	.9539
172	.9570	.9566	.9562	.9558	.9555	.9552	.9548	.9543	.9539	.9535
173	.9567	.9563	.9559	.9555	.9552	.9549	.9544	.9539	.9535	.9531
174	.9563	.9559	.9555	.9551	.9548	.9545	.9540	.9535	.9531	.9527
175	.9559	.9555	.9551	.9547	.9544	.9541	.9536	.9531	.9527	.9523
176	.9555	.9551	.9547	.9543	.9540	.9537	.9532	.9527	.9523	.9519
177	.9551	.9547	.9543	.9539	.9536	.9533	.9528	.9523	.9519	.9515
178	.9548	.9544	.9540	.9536	.9533	.9529	.9524	.9519	.9514	.9510
179	.9544	.9540	.9536	.9532	.9529	.9525	.9520	.9515	.9510	.9506
180	.9540	.9536	.9532	.9528	.9525	.9521	.9516	.9511	.9506	.9502
181	.9536	.9532	.9528	.9524	.9521	.9517	.9512	.9507	.9502	.9498
182	.9533	.9529	.9524	.9520	.9517	.9513	.9508	.9503	.9498	.9494
183	.9529	.9525	.9521	.9517	.9514	.9510	.9505	.9499	.9494	.9490
184	.9526	.9522	.9517	.9513	.9510	.9506	.9501	.9495	.9490	.9486
185	.9522	.9518	.9513	.9509	.9506	.9502	.9497	.9491	.9486	.9482
186	.9518	.9514	.9509	.9505	.9502	.9498	.9493	.9487	.9482	.9478
187	.9514	.9510	.9505	.9501	.9498	.9494	.9489	.9483	.9478	.9474
188	.9511	.9507	.9502	.9498	.9494	.9490	.9485	.9479	.9474	.9469
189	.9507	.9503	.9498	.9494	.9490	.9486	.9481	.9475	.9470	.9465
190	.9503	.9499	.9494	.9490	.9486	.9482	.9477	.9471	.9466	.9461
191	.9499	.9495	.9490	.9486	.9482	.9478	.9473	.9467	.9462	.9457
192	.9496	.9491	.9487	.9482	.9478	.9474	.9469	.9463	.9458	.9453
193	.9492	.9488	.9483	.9479	.9475	.9471	.9465	.9460	.9454	.9449
194	.9489	.9484	.9480	.9475	.9471	.9467	.9461	.9456	.9450	.9445
195	.9485	.9480	.9476	.9471	.9467	.9463	.9457	.9452	.9446	.9441

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	30	31	32	33	34	35	36	37	38	39
	Volume at 60° F. occupied by unit volume at indicated temperature.									
0	1.0256	1.0258	1.0261	1.0263	1.0266	1.0269	1.0272	1.0275	1.0278	1.0281
1	1.0252	1.0254	1.0257	1.0259	1.0262	1.0265	1.0268	1.0270	1.0273	1.0276
2	1.0247	1.0249	1.0252	1.0254	1.0257	1.0260	1.0263	1.0266	1.0269	1.0272
3	1.0243	1.0245	1.0248	1.0250	1.0253	1.0256	1.0259	1.0261	1.0264	1.0267
4	1.0238	1.0240	1.0243	1.0245	1.0248	1.0251	1.0254	1.0257	1.0260	1.0263
5	1.0234	1.0236	1.0239	1.0241	1.0244	1.0247	1.0250	1.0252	1.0255	1.0258
6	1.0230	1.0232	1.0235	1.0237	1.0239	1.0242	1.0245	1.0247	1.0250	1.0253
7	1.0226	1.0228	1.0230	1.0232	1.0235	1.0238	1.0241	1.0243	1.0246	1.0248
8	1.0221	1.0223	1.0226	1.0228	1.0230	1.0233	1.0236	1.0238	1.0241	1.0244
9	1.0217	1.0219	1.0221	1.0223	1.0226	1.0229	1.0232	1.0234	1.0237	1.0239
10	1.0213	1.0215	1.0217	1.0219	1.0221	1.0224	1.0227	1.0229	1.0232	1.0234
11	1.0209	1.0211	1.0213	1.0215	1.0217	1.0220	1.0222	1.0225	1.0227	1.0229
12	1.0205	1.0207	1.0208	1.0210	1.0212	1.0215	1.0218	1.0220	1.0223	1.0225
13	1.0200	1.0202	1.0204	1.0206	1.0208	1.0211	1.0213	1.0216	1.0218	1.0221
14	1.0196	1.0198	1.0199	1.0201	1.0203	1.0206	1.0209	1.0211	1.0214	1.0216
15	1.0192	1.0194	1.0195	1.0197	1.0199	1.0202	1.0204	1.0207	1.0209	1.0211
16	1.0188	1.0190	1.0191	1.0193	1.0195	1.0197	1.0199	1.0202	1.0204	1.0206
17	1.0183	1.0185	1.0187	1.0188	1.0190	1.0193	1.0195	1.0197	1.0199	1.0201
18	1.0179	1.0181	1.0183	1.0184	1.0186	1.0188	1.0190	1.0193	1.0195	1.0197
19	1.0174	1.0176	1.0178	1.0179	1.0181	1.0184	1.0186	1.0188	1.0190	1.0192
20	1.0170	1.0172	1.0173	1.0175	1.0177	1.0179	1.0181	1.0183	1.0185	1.0187
21	1.0166	1.0168	1.0169	1.0171	1.0173	1.0175	1.0177	1.0178	1.0180	1.0182
22	1.0162	1.0164	1.0165	1.0166	1.0168	1.0170	1.0172	1.0174	1.0176	1.0178
23	1.0157	1.0159	1.0160	1.0162	1.0164	1.0166	1.0168	1.0169	1.0171	1.0173
24	1.0153	1.0154	1.0156	1.0157	1.0159	1.0161	1.0163	1.0165	1.0167	1.0169
25	1.0149	1.0150	1.0152	1.0153	1.0155	1.0157	1.0159	1.0160	1.0162	1.0164
26	1.0145	1.0146	1.0148	1.0149	1.0150	1.0152	1.0154	1.0155	1.0157	1.0159
27	1.0141	1.0142	1.0143	1.0144	1.0146	1.0148	1.0150	1.0151	1.0153	1.0154
28	1.0136	1.0137	1.0139	1.0140	1.0141	1.0143	1.0145	1.0146	1.0148	1.0150
29	1.0132	1.0133	1.0134	1.0135	1.0137	1.0139	1.0141	1.0142	1.0144	1.0145
30	1.0128	1.0129	1.0130	1.0131	1.0132	1.0134	1.0136	1.0137	1.0139	1.0140
31	1.0124	1.0125	1.0126	1.0127	1.0128	1.0130	1.0131	1.0133	1.0134	1.0135
32	1.0119	1.0120	1.0121	1.0122	1.0123	1.0125	1.0127	1.0128	1.0130	1.0131
33	1.0115	1.0116	1.0117	1.0118	1.0119	1.0121	1.0122	1.0124	1.0125	1.0126
34	1.0110	1.0111	1.0112	1.0113	1.0114	1.0116	1.0118	1.0119	1.0121	1.0122
35	1.0106	1.0107	1.0108	1.0109	1.0110	1.0112	1.0113	1.0115	1.0116	1.0117
36	1.0102	1.0103	1.0104	1.0105	1.0106	1.0108	1.0109	1.0110	1.0111	1.0112
37	1.0098	1.0099	1.0100	1.0101	1.0102	1.0103	1.0104	1.0106	1.0107	1.0108
38	1.0093	1.0094	1.0095	1.0096	1.0097	1.0099	1.0100	1.0101	1.0102	1.0103
39	1.0089	1.0090	1.0091	1.0092	1.0093	1.0094	1.0095	1.0097	1.0098	1.0099
40	1.0085	1.0086	1.0087	1.0088	1.0089	1.0090	1.0091	1.0092	1.0093	1.0094
41	1.0081	1.0082	1.0083	1.0084	1.0084	1.0085	1.0086	1.0087	1.0088	1.0089
42	1.0077	1.0078	1.0078	1.0079	1.0080	1.0081	1.0082	1.0082	1.0083	1.0084
43	1.0072	1.0073	1.0074	1.0075	1.0075	1.0076	1.0077	1.0078	1.0079	1.0080
44	1.0068	1.0069	1.0069	1.0070	1.0071	1.0072	1.0073	1.0073	1.0074	1.0075
45	1.0064	1.0065	1.0065	1.0066	1.0066	1.0067	1.0068	1.0068	1.0069	1.0070
46	1.0060	1.0061	1.0061	1.0062	1.0062	1.0063	1.0063	1.0064	1.0064	1.0065
47	1.0055	1.0056	1.0056	1.0057	1.0057	1.0058	1.0059	1.0059	1.0060	1.0060
48	1.0051	1.0052	1.0052	1.0053	1.0053	1.0054	1.0054	1.0055	1.0055	1.0056
49	1.0046	1.0047	1.0047	1.0048	1.0048	1.0049	1.0050	1.0050	1.0051	1.0051
50	1.0042	1.0043	1.0043	1.0044	1.0044	1.0045	1.0045	1.0046	1.0046	1.0046
51	1.0038	1.0039	1.0039	1.0040	1.0040	1.0040	1.0040	1.0041	1.0041	1.0041
52	1.0034	1.0034	1.0035	1.0035	1.0035	1.0036	1.0036	1.0037	1.0037	1.0037
53	1.0029	1.0030	1.0030	1.0031	1.0031	1.0031	1.0031	1.0032	1.0032	1.0032
54	1.0025	1.0025	1.0026	1.0026	1.0026	1.0027	1.0027	1.0028	1.0028	1.0028
55	1.0021	1.0021	1.0022	1.0022	1.0022	1.0022	1.0022	1.0023	1.0023	1.0023
56	1.0017	1.0017	1.0018	1.0018	1.0018	1.0018	1.0018	1.0018	1.0018	1.0018
57	1.0013	1.0013	1.0013	1.0013	1.0013	1.0013	1.0013	1.0014	1.0014	1.0014
58	1.0008	1.0008	1.0009	1.0009	1.0009	1.0009	1.0009	1.0009	1.0009	1.0009
59	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0005	1.0005	1.0005
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9996	.9996	.9996	.9996	.9996	.9996	.9996	.9995	.9995	.9995
62	.9992	.9992	.9991	.9991	.9991	.9991	.9991	.9991	.9991	.9991
63	.9987	.9987	.9987	.9987	.9987	.9987	.9987	.9986	.9986	.9986
64	.9983	.9983	.9982	.9982	.9982	.9982	.9982	.9982	.9982	9982

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	30	31	32	33	34	35	36	37	38	39
	Volume at 60° F. occupied by unit volume at indicated temperature.									
65	0.9979	0.9979	0.9978	0.9978	0.9978	0.9978	0.9978	0.9977	0.9977	0.9977
66	.9975	.9975	.9974	.9974	.9974	.9973	.9973	.9972	.9972	.9972
67	.9971	.9970	.9970	.9969	.9969	.9969	.9969	.9968	.9968	.9968
68	.9966	.9966	.9965	.9965	.9965	.9964	.9964	.9963	.9963	.9963
69	.9962	.9961	.9961	.9960	.9960	.9960	.9960	.9959	.9959	.9959
70	.9958	.9957	.9957	.9956	.9956	.9955	.9955	.9954	.9954	.9954
71	.9954	.9953	.9953	.9952	.9952	.9951	.9950	.9950	.9949	.9949
72	.9950	.9949	.9949	.9948	.9947	.9946	.9946	.9945	.9945	.9945
73	.9945	.9944	.9944	.9943	.9943	.9942	.9941	.9941	.9940	.9940
74	.9941	.9940	.9940	.9939	.9938	.9937	.9937	.9936	.9936	.9935
75	.9937	.9936	.9936	.9935	.9934	.9933	.9932	.9932	.9931	.9930
76	.9933	.9932	.9932	.9931	.9930	.9929	.9928	.9928	.9926	.9925
77	.9928	.9927	.9927	.9926	.9925	.9924	.9923	.9923	.9922	.9921
78	.9924	.9923	.9923	.9922	.9921	.9920	.9919	.9918	.9917	.9916
79	.9919	.9918	.9918	.9917	.9916	.9915	.9914	.9914	.9913	.9912
80	.9915	.9914	.9914	.9913	.9912	.9911	.9910	.9909	.9908	.9907
81	.9911	.9910	.9910	.9909	.9908	.9906	.9905	.9904	.9903	.9902
82	.9907	.9906	.9905	.9904	.9903	.9902	.9901	.9899	.9898	.9897
83	.9902	.9901	.9901	.9900	.9899	.9897	.9896	.9895	.9894	.9893
84	.9898	.9897	.9896	.9895	.9894	.9893	.9892	.9890	.9889	.9888
85	.9894	.9893	.9892	.9891	.9890	.9888	.9887	.9885	.9884	.9883
86	.9890	.9889	.9888	.9887	.9886	.9884	.9882	.9881	.9879	.9878
87	.9886	.9885	.9883	.9882	.9881	.9879	.9878	.9876	.9875	.9874
88	.9881	.9880	.9879	.9878	.9877	.9875	.9873	.9872	.9870	.9869
89	.9877	.9876	.9874	.9873	.9872	.9870	.9869	.9867	.9866	.9865
90	.9873	.9872	.9870	.9869	.9868	.9866	.9864	.9863	.9861	.9860
91	.9869	.9868	.9866	.9865	.9864	.9862	.9860	.9858	.9856	.9855
92	.9865	.9863	.9862	.9860	.9859	.9857	.9855	.9854	.9852	.9850
93	.9860	.9859	.9857	.9856	.9855	.9853	.9851	.9849	.9847	.9846
94	.9856	.9854	.9853	.9851	.9850	.9849	.9847	.9845	.9843	.9841
95	.9852	.9850	.9849	.9847	.9846	.9844	.9842	.9840	.9838	.9836
96	.9848	.9846	.9845	.9843	.9842	.9840	.9838	.9835	.9833	.9831
97	.9844	.9842	.9841	.9839	.9837	.9835	.9833	.9831	.9829	.9827
98	.9839	.9837	.9836	.9834	.9833	.9831	.9829	.9826	.9824	.9822
99	.9835	.9833	.9832	.9830	.9828	.9826	.9824	.9822	.9820	.9818
100	.9831	.9829	.9828	.9826	.9824	.9822	.9820	.9817	.9815	.9813
101	.9827	.9825	.9824	.9822	.9820	.9818	.9815	.9813	.9810	.9808
102	.9823	.9821	.9819	.9817	.9815	.9813	.9811	.9808	.9806	9804
103	.9818	.9816	.9815	.9813	.9811	.9809	.9806	.9804	.9801	.9799
104	.9814	.9812	.9810	.9808	.9806	.9804	.9802	.9799	.9797	.9795
105	.9810	.9808	.9806	.9804	.9802	.9800	.9797	.9795	.9792	.9790
106	.9806	.9804	.9802	.9800	.9798	.9795	.9792	.9790	.9787	.9785
107	.9802	.9800	.9797	.9795	.9793	.9791	.9788	.9786	.9783	.9780
108	.9797	.9795	.9793	.9791	.9789	.9786	.9783	.9781	.9778	.9776
109	.9793	.9791	.9788	.9786	.9784	.9782	.9779	.9777	.9774	.9771
110	.9789	.9787	.9784	.9782	.9780	.9777	.9774	.9772	.9769	.9766
111	.9785	.9783	.9780	.9778	.9776	.9773	.9770	.9767	.9764	.9761
112	.9781	.9779	.9776	.9774	.9771	.9768	.9765	.9763	.9760	.9757
113	.9776	.9774	.9771	.9769	.9767	.9764	.9761	.9758	.9755	.9752
114	.9772	.9770	.9767	.9765	.9762	.9759	.9756	.9754	.9751	.9748
115	.9768	.9766	.9763	.9761	.9758	.9755	.9752	.9749	.9746	.9743
116	.9764	.9762	.9759	.9757	.9754	.9751	.9748	.9744	.9741	.9738
117	.9760	.9757	.9755	.9752	.9749	.9746	.9743	.9740	.9737	.9734
118	.9755	.9753	.9750	.9748	.9745	.9742	.9739	.9735	.9732	.9729
119	.9751	.9748	.9746	.9743	.9740	.9737	.9734	.9731	.9728	.9725
120	.9747	.9744	.9742	.9739	.9736	.9733	.9730	.9726	.9723	.9720
121	.9743	.9740	9738	.9735	.9732	.9729	.9725	.9722	.9718	.9715
122	.9739	.9736	.9733	.9730	.9727	.9724	.9721	.9717	.9714	.9710
123	.9734	.9731	.9729	.9726	.9723	.9720	.9716	.9713	.9709	.9706
124	.9730	.9727	.9724	.9721	.9718	.9715	.9712	.9708	.9705	.9701
125	.9726	.9723	.9720	.9717	.9714	.9711	.9707	.9704	.9700	.9696
126	.9722	.9719	.9716	.9713	.9710	.9707	.9703	.9699	.9695	.9691
127	.9718	.9715	.9712	.9709	.9706	.9702	.9698	.9695	.9691	.9687
128	.9713	.9710	.9707	.9704	.9701	.9698	.9694	.9690	.9686	.9682
129	.9709	.9706	.9703	.9700	.9697	.9693	.9689	.9686	.9682	.9678

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	30	31	32	33	34	35	36	37	38	39
	Volume at 60° F. occupied by unit volume at indicated temperature.									
130	0.9705	0.9702	0.9699	0.9696	0.9693	0.9689	.9685	0.9681	0.9677	0.9673
131	.9701	.9698	.9695	.9692	.9689	.9685	.9681	.9676	.9672	.9668
132	.9697	.9694	.9690	.9687	.9684	.9680	.9676	.9672	.9668	.9664
133	.9692	.9689	.9686	.9683	.9680	.9676	.9672	.9667	.9663	.9659
134	.9688	.9685	.9681	.9678	.9675	.9671	.9667	.9663	.9659	.9655
135	.9684	.9681	.9677	.9674	.9671	.9667	.9663	.9658	.9654	.9650
136	.9680	.9677	.9673	.9670	.9667	.9663	.9658	.9654	.9649	.9645
137	.9676	.9673	.9669	.9666	.9662	.9658	.9654	.9649	.9645	.9641
138	.9672	.9668	.9665	.9661	.9658	.9654	.9649	.9645	.9640	.9636
139	.9668	.9664	.9661	.9657	.9653	.9649	.9645	.9640	.9636	.9632
140	.9664	.9660	.9657	.9653	.9649	.9645	.9640	.9636	.9631	.9627
141	.9660	9656	.9653	.9649	.9645	.9641	.9636	.9631	.9626	.9622
142	.9656	.9652	.9648	.9644	.9640	.9636	.9631	.9627	.9622	.9617
143	.9651	.9647	.9644	.9640	.9636	.9632	.9627	.9622	.9617	.9613
144	.9647	.9643	.9639	.9635	.9631	.9627	.9622	.9618	.9613	.9608
145	.9643	.9639	.9635	.9631	.9627	.9623	.9618	.9613	.9608	.9603
146	.9639	.9635	.9631	.9627	.9623	.9619	.9614	.9608	.9603	.9598
147	.9635	.9631	.9627	.9623	.9619	.9614	.9609	.9604	.9599	.9594
148	.9630	.9626	.9622	.9618	.9614	.9610	.9605	.9599	.9594	.9589
149	.9626	.9622	.9618	.9614	.9610	.9605	.9600	.9595	.9590	.9585
150	.9622	.9618	.9614	.9610	.9606	.9601	.9596	.9590	.9585	.9580
151	.9618	.9614	.9610	.9606	.9602	.9597	.9591	.9586	.9580	.9575
152	.9614	.9610	.9605	.9601	.9597	.9592	.9587	.9581	.9576	.9571
153	.9609	.9605	.9601	.9597	.9593	.9588	.9582	.9577	.9571	.9566
154	.9605	.9601	.9596	.9592	.9588	.9583	.9578	.9572	.9567	.9562
155	.9601	.9597	.9592	.9588	.9584	.9579	.9573	.9568	9562	.9557
156	.9597	.9593	.9589	.9584	.9580	.9575	.9569	.9563	.9557	.9552
157	.9593	.9588	.9584	.9579	.9575	.9570	.9564	.9559	.9553	.9547
158	.9588	.9584	.9579	.9575	.9571	.9566	.9560	.9554	.9548	.9543
159	.9584	.9579	.9575	.9570	.9566	.9561	.9555	.9550	.9544	.9538
160	.9580	.9575	.9571	.9566	.9562	.9557	.9551	.9545	.9539	.9533
161	.9576	.9571	.9567	.9562	.9558	.9553	.9547	.9540	.9534	.9528
162	.9572	.9567	.9563	.9558	.9553	.9548	.9542	.9536	.9530	.9524
163	.9568	.9563	.9558	.9553	.9549	.9544	.9538	.9531	.9525	.9519
164	.9564	.9559	.9554	.9549	.9544	.9539	.9533	.9527	.9521	.9515
165	.9560	.9555	.9550	.9545	.9540	.9535	.9529	.9522	.9516	.9510
166	.9556	.9551	.9546	.9541	.9536	.9531	.9525	.9518	.9512	.9506
167	.9552	.9547	.9542	.9537	.9532	.9526	.9520	.9513	.9507	.9501
168	.9547	.9542	.9537	.9532	.9527	.9522	.9516	.9509	.9503	.9497
169	.9543	.9538	.9533	.9528	.9523	.9517	.9511	.9504	.9498	.9492
170	.9539	.9534	.9529	.9524	.9519	.9513	.9507	.9500	.9494	.9488
171	.9535	.9530	.9525	.9520	.9515	.9509	.9502	.9496	.9489	.9483
172	.9531	.9526	.9520	.9515	.9510	.9504	.9498	.9491	.9485	.9478
173	.9526	.9521	.9516	.9511	.9506	.9500	.9493	.9487	.9480	.9474
174	.9522	.9517	.9511	.9506	.9501	.9495	.9489	.9482	.9476	.9469
175	.9518	.9513	.9507	.9502	.9497	.9491	.9484	.9478	.9471	.9464
176	.9514	.9509	.9503	.9498	.9493	.9487	.9480	.9473	.9466	.9459
177	.9510	.9505	.9499	.9494	.9488	.9482	.9475	.9469	.9462	.9455
178	.9505	.9500	.9494	.9489	.9484	.9478	.9471	.9464	.9457	.9450
179	.9501	.9496	.9490	.9485	.9479	.9473	.9466	.9460	.9453	.9446
180	.9497	.9492	.9486	.9481	.9475	.9469	.9462	.9455	.9448	.9441
181	.9493	.9488	.9482	.9477	.9471	.9465	.9458	.9450	.9443	.9436
182	.9489	.9484	.9478	.9473	.9467	.9460	.9453	.9446	.9439	.9432
183	.9485	.9479	.9474	.9468	.9462	.9456	.9449	.9441	.9434	.9427
184	.9481	.9475	.9470	.9464	.9458	.9451	.9444	.9437	.9430	.9423
185	.9477	.9471	.9466	.9460	.9454	.9447	.9440	.9432	.9425	.9418
186	.9473	.9467	.9462	.9456	.9450	.9443	.9435	.9428	.9420	.9413
187	.9469	.9463	.9457	.9451	.9445	.9438	.9431	.9423	.9416	.9409
188	.9464	.9458	.9453	.9447	.9441	.9434	.9426	.9419	.9411	.9404
189	.9460	.9454	.9448	.9442	.9436	.9429	.9422	.9414	.9407	.9400
190	.9456	.9450	.9444	.9438	.9432	.9425	.9417	.9410	.9402	.9395
191	.9452	.9446	.9440	.9434	.9428	.9421	.9413	.9405	.9397	.9390
192	.9448	.9442	.9436	.9430	.9423	.9416	.9408	.9401	.9393	.9385
193	.9444	.9438	.9431	.9425	.9419	.9412	.9404	.9396	.9388	.9381
194	.9440	.9434	.9427	.9421	.9414	.9407	.9399	.9392	.9384	.9376
195	.9436	.9430	.9423	.9417	.9410	.9403	.9395	.9387	.9379	.9371

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	40	41	42	43	44	45	46	47	48	49
	Volume at 60° F. occupied by unit volume at indicated temperature.									
0	1.0284	1.0287	1.0291	1.0294	1.0297	1.0301	1.0305	1.0310	1.0315	1.0319
1	1.0279	1.0282	1.0286	1.0289	1.0292	1.0296	1.0300	1.0305	1.0310	1.0314
2	1.0275	1.0278	1.0281	1.0284	1.0287	1.0291	1.0295	1.0300	1.0305	1.0309
3	1.0270	1.0273	1.0277	1.0280	1.0283	1.0286	1.0290	1.0294	1.0299	1.0303
4	1.0266	1.0269	1.0272	1.0275	1.0278	1.0281	1.0285	1.0289	1.0294	1.0298
5	1.0261	1.0264	1.0267	1.0270	1.0273	1.0276	1.0280	1.0284	1.0289	1.0293
6	1.0256	1.0259	1.0262	1.0265	1.0268	1.0271	1.0275	1.0279	1.0284	1.0288
7	1.0251	1.0254	1.0257	1.0260	1.0263	1.0266	1.0270	1.0274	1.0279	1.0282
8	1.0247	1.0250	1.0252	1.0255	1.0258	1.0261	1.0265	1.0269	1.0273	1.0277
9	1.0242	1.0245	1.0247	1.0250	1.0253	1.0256	1.0260	1.0264	1.0268	1.0271
10	1.0237	1.0240	1.0242	1.0245	1.0248	1.0251	1.0255	1.0259	1.0263	1.0266
11	1.0232	1.0235	1.0237	1.0240	1.0243	1.0246	1.0250	1.0254	1.0258	1.0261
12	1.0227	1.0230	1.0232	1.0235	1.0238	1.0241	1.0245	1.0249	1.0253	1.0256
13	1.0223	1.0226	1.0228	1.0231	1.0233	1.0236	1.0240	1.0243	1.0247	1.0250
14	1.0218	1.0221	1.0223	1.0226	1.0228	1.0231	1.0235	1.0238	1.0242	1.0245
15	1.0213	1.0216	1.0218	1.0221	1.0223	1.0226	1.0230	1.0233	1.0237	1.0240
16	1.0208	1.0211	1.0213	1.0216	1.0218	1.0221	1.0225	1.0228	1.0232	1.0235
17	1.0203	1.0206	1.0208	1.0211	1.0213	1.0216	1.0219	1.0223	1.0226	1.0229
18	1.0199	1.0201	1.0204	1.0206	1.0208	1.0211	1.0214	1.0218	1.0221	1.0224
19	1.0194	1.0196	1.0199	1.0201	1.0203	1.0206	1.0209	1.0212	1.0215	1.0218
20	1.0189	1.0191	1.0194	1.0196	1.0198	1.0201	1.0204	1.0207	1.0210	1.0213
21	1.0184	1.0186	1.0189	1.0191	1.0193	1.0196	1.0199	1.0202	1.0205	1.0208
22	1.0180	1.0182	1.0184	1.0186	1.0188	1.0191	1.0194	1.0197	1.0200	1.0202
23	1.0175	1.0177	1.0180	1.0182	1.0184	1.0186	1.0189	1.0191	1.0194	1.0197
24	1.0171	1.0173	1.0175	1.0177	1.0179	1.0181	1.0184	1.0186	1.0189	1.0191
25	1.0166	1.0168	1.0170	1.0172	1.0174	1.0176	1.0179	1.0181	1.0184	1.0186
26	1.0161	1.0163	1.0165	1.0167	1.0169	1.0171	1.0174	1.0176	1.0179	1.0181
27	1.0156	1.0158	1.0160	1.0162	1.0164	1.0166	1.0169	1.0171	1.0174	1.0176
28	1.0152	1.0154	1.0155	1.0157	1.0159	1.0161	1.0163	1.0166	1.0168	1.0170
29	1.0147	1.0149	1.0150	1.0152	1.0154	1.0156	1.0158	1.0161	1.0163	1.0165
30	1.0142	1.0144	1.0145	1.0147	1.0149	1.0151	1.0153	1.0156	1.0158	1.0160
31	1.0137	1.0139	1.0140	1.0142	1.0144	1.0146	1.0148	1.0151	1.0153	1.0155
32	1.0133	1.0134	1.0136	1.0137	1.0139	1.0141	1.0143	1.0146	1.0148	1.0149
33	1.0128	1.0130	1.0131	1.0133	1.0134	1.0136	1.0138	1.0140	1.0142	1.0144
34	1.0124	1.0125	1.0127	1.0128	1.0129	1.0131	1.0133	1.0135	1.0137	1.0138
35	1.0119	1.0120	1.0122	1.0123	1.0124	1.0126	1.0128	1.0130	1.0132	1.0133
36	1.0114	1.0115	1.0117	1.0118	1.0119	1.0121	1.0123	1.0125	1.0127	1.0126
37	1.0109	1.0110	1.0112	1.0113	1.0114	1.0116	1.0118	1.0119	1.0121	1.0122
38	1.0105	1.0106	1.0107	1.0108	1.0109	1.0110	1.0112	1.0114	1.0116	1.0117
39	1.0100	1.0101	1.0102	1.0103	1.0104	1.0105	1.0107	1.0108	1.0110	1.0111
40	1.0095	1.0096	1.0097	1.0098	1.0099	1.0100	1.0102	1.0103	1.0105	1.0106
41	1.0090	1.0091	1.0092	1.0093	1.0094	1.0095	1.0097	1.0098	1.0100	1.0101
42	1.0085	1.0086	1.0087	1.0088	1.0089	1.0090	1.0092	1.0093	1.0095	1.0096
43	1.0081	1.0082	1.0083	1.0084	1.0084	1.0085	1.0086	1.0088	1.0089	1.0090
44	1.0076	1.0077	1.0078	1.0079	1.0079	1.0080	1.0081	1.0083	1.0084	1.0085
45	1.0071	1.0072	1.0073	1.0074	1.0074	1.0075	1.0076	1.0078	1.0079	1.0080
46	1.0066	1.0067	1.0068	1.0069	1.0069	1.0070	1.0071	1.0073	1.0074	1.0075
47	1.0061	1.0062	1.0063	1.0064	1.0064	1.0065	1.0066	1.0068	1.0069	1.0069
48	1.0057	1.0058	1.0058	1.0059	1.0059	1.0060	1.0061	1.0062	1.0063	1.0064
49	1.0052	1.0053	1.0053	1.0054	1.0054	1.0055	1.0056	1.0057	1.0058	1.0058

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in ° F.	Degrees A. P. I. at 60° F.									
	40	41	42	43	44	45	46	47	48	49
	Volume at 60° F. occupied by unit volume at indicated temperature.									
50	1.0047	1.0048	1.0048	1.0049	1.0049	1.0050	1.0051	1.0052	1.0053	1.0053
51	1.0042	1.0043	1.0043	1.0044	1.0044	1.0045	1.0046	1.0047	1.0048	1.0048
52	1.0038	1.0038	1.0039	1.0039	1.0039	1.0040	1.0041	1.0041	1.0042	1.0042
53	1.0033	1.0034	1.0034	1.0035	1.0035	1.0035	1.0036	1.0036	1.0037	1.0037
54	1.0029	1.0029	1.0030	1.0030	1.0030	1.0030	1.0030	1.0031	1.0031	1.0031
55	1.0024	1.0024	1.0025	1.0025	1.0025	1.0025	1.0025	1.0026	1.0026	1.0026
56	1.0019	1.0019	1.0020	1.0020	1.0020	1.0020	1.0020	1.0021	1.0021	1.0021
57	1.0014	1.0014	1.0015	1.0015	1.0015	1.0015	1.0015	1.0016	1.0016	1.0016
58	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010	1.0010
59	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9995	.9995	.9995	.9995	.9995	.9995	.9995	.9995	.9995	.9995
62	.9990	.9990	.9990	.9990	.9990	.9990	.9990	.9990	.9990	.9990
63	.9986	.9986	.9985	.9985	.9985	.9985	.9985	.9984	.9984	.9984
64	.9981	.9981	.9980	.9980	.9980	.9980	.9980	.9979	.9979	.9979
65	.9976	.9976	.9975	.9975	.9975	.9975	.9975	.9974	.9974	.9974
66	.9971	.9971	.9970	.9970	.9970	.9970	.9970	.9969	.9969	.9969
67	.9967	.9966	.9966	.9965	.9965	.9965	.9964	.9964	.9963	.9963
68	.9962	.9962	.9961	.9961	.9961	.9960	.9959	.9959	.9958	.9958
69	.9958	.9957	.9957	.9956	.9956	.9955	.9954	.9953	.9952	.9952
70	.9953	.9952	.9952	.9951	.9951	.9950	.9949	.9948	.9947	.9947
71	.9948	.9947	.9947	.9946	.9946	.9945	.9944	.9943	.9942	.9942
72	.9943	.9942	.9942	.9941	9941	.9940	.9939	.9938	.9937	.9936
73	.9939	.9938	.9937	.9936	.9935	.9934	.9933	.9932	.9931	.9931
74	.9934	.9933	.9932	.9931	.9930	.9929	.9928	.9927	.9926	.9925
75	.9929	.9928	.9927	.9926	.9925	.9924	.9923	.9922	.9921	.9920
76	.9924	.9923	.9922	.9921	.9920	.9919	.9918	.9917	.9916	.9915
77	.9919	.9918	.9917	.9916	.9915	.9914	.9913	.9911	.9910	.9909
78	.9915	.9914	.9913	.9912	.9911	.9909	.9908	.9906	.9905	.9904
79	.9910	.9909	.9908	.9907	.9906	.9904	.9902	.9901	.9899	9898
80	.9905	.9904	.9903	.9902	.9901	.9899	.9897	.9896	.9894	.9893
81	.9900	.9899	.9898	.9897	.9896	.9894	.9892	.9891	.9889	.9888
82	.9895	.9894	.9893	.9892	.9891	.9889	.9887	.9886	.9884	.9882
83	.9891	.9890	.9888	.9887	.9886	.9884	.9882	.9880	.9878	.9877
84	.9886	.9885	.9883	.9882	.9881	.9879	.9877	.9875	.9873	.9871
85	.9881	.9880	.9878	.9877	.9876	.9874	.9872	.9870	.9868	.9866
86	.9876	.9875	.9873	.9872	.9871	.9869	.9867	.9865	.9863	.9861
87	.9872	.9870	.9869	.9867	.9866	.9864	.9862	.9860	.9858	.9856
88	.9867	.9866	.9864	.9863	.9861	.9859	.9857	.9854	.9852	.9850
89	.9863	.9861	.9860	.9858	.9856	.9854	.9852	.9849	.9847	.9845
90	.9858	.9856	.9855	.9853	.9851	.9849	.9847	.9844	.9842	.9840
91	.9853	.9851	.9850	.9848	.9846	.9844	.9842	.9839	.9837	.9835
92	.9848	.9846	.9845	.9843	.9841	.9839	.9836	.9834	.9831	.9829
93	.9844	.9842	.9840	.9838	.9836	.9834	.9831	.9829	.9826	.9824
94	.9839	.9837	.9835	.9833	.9831	.9829	.9826	.9823	.9820	.9818
95	.9834	.9832	.9830	.9828	.9826	.9824	.9821	.9818	.9815	.9813
96	.9829	.9827	.9825	.9823	.9821	.9819	.9816	.9813	.9810	.9808
97	.9825	.9823	.9820	.9818	.9816	.9814	.9811	.9808	.9805	.9802
98	.9820	.9818	.9816	.9814	.9812	.9809	.9806	.9802	.9799	.9797
99	.9816	.9814	.9811	.9809	.9807	.9804	.9801	.9797	.9794	.9791

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	40	41	42	43	44	45	46	47	48	49
	Volume at 60° F. occupied by unit volume at indicated temperature.									
100	0.9811	0.9809	0.9806	0.9804	0.9802	0.9799	0.9796	0.9792	0.9789	0.9786
101	.9806	.9804	.9801	.9799	.9797	.9794	.9791	.9787	.9784	.9781
102	.9801	.9799	.9796	.9794	.9792	.9789	.9785	.9782	.9778	.9775
103	.9797	.9794	.9792	.9789	.9786	.9783	.9780	.9776	.9773	.9770
104	.9792	.9789	.9787	.9784	.9781	.9778	.9774	.9771	.9767	.9764
105	.9787	.9784	.9782	.9779	.9776	.9773	.9769	.9766	.9762	.9759
106	.9782	.9779	.9777	.9774	.9771	.9768	.9764	.9761	.9757	.9754
107	.9777	.9774	.9772	.9769	.9766	.9763	.9759	.9756	.9752	.9749
108	.9773	.9770	.9768	.9765	.9762	.9758	.9754	.9750	.9746	.9743
109	.9768	.9765	.9763	.9760	.9757	.9753	.9749	.9745	.9741	.9738
110	.9763	.9760	.9758	.9755	.9752	.9748	.9744	.9740	.9736	.9733
111	.9758	.9755	.9753	.9750	.9747	.9743	.9739	.9735	.9731	.9728
112	.9753	.9750	.9748	.9745	.9742	.9738	.9734	.9730	.9726	.9722
113	.9749	.9746	.9743	.9740	.9737	.9733	.9729	.9724	.9720	.9717
114	.9744	.9741	.9738	.9735	.9732	.9728	.9724	.9719	.9715	.9711
115	.9739	.9736	.9733	.9730	.9727	.9723	.9719	.9714	.9710	.9706
116	.9734	.9731	.9728	.9725	.9722	.9718	.9714	.9709	.9705	.9701
117	.9730	.9727	.9723	.9720	.9717	.9713	.9708	.9704	.9699	.9695
118	.9725	.9722	.9719	.9716	.9712	.9708	.9703	.9699	.9694	.9690
119	.9721	.9718	.9714	.9711	.9707	.9703	.9698	.9693	.9688	.9684
120	.9716	.9713	.9709	.9706	.9702	.9698	.9693	.9688	.9683	.9679
121	.9711	.9708	.9704	.9701	.9697	.9693	.9688	.9683	.9678	.9674
122	.9706	.9703	.9699	.9696	.9692	.9688	.9683	.9678	.9673	.9668
123	.9702	.9698	.9695	.9691	.9687	.9683	.9678	.9672	.9667	.9663
124	.9697	.9693	.9690	.9686	.9682	.9678	.9673	.9667	.9662	.9657
125	.9692	.9688	.9685	.9681	.9677	.9673	.9668	.9662	.9657	.9652
126	.9687	.9683	.9680	.9676	.9672	.9668	.9663	.9657	.9652	.9647
127	.9683	.9679	.9675	.9671	.9667	.9663	.9658	.9652	.9647	.9642
128	.9678	.9674	.9671	.9667	.9662	.9657	.9652	.9647	.9641	.9636
129	.9674	.9670	.9666	.9662	.9657	.9652	.9647	.9642	.9636	.9631
130	.9669	.9665	.9661	.9657	.9652	.9647	.9642	.9637	.9631	.9626
131	.9664	.9660	.9656	.9652	.9647	.9642	.9637	.9632	.9626	.9621
132	.9659	.9655	.9651	.9647	.9642	.9637	.9632	.9626	.9620	.9615
133	.9655	.9651	.9646	.9642	.9637	.9632	.9626	.9621	.9615	.9610
134	.9650	.9646	.9641	.9637	.9632	.9627	.9621	.9615	.9609	.9604
135	.9645	.9641	.9636	.9632	.9627	.9622	.9616	.9610	.9604	.9599
136	.9640	.9636	.9631	.9627	.9622	.9617	.9611	.9605	.9599	.9594
137	.9636	.9631	.9627	.9622	.9617	.9612	.9606	.9600	.9594	.9588
138	.9631	.9627	.9622	.9618	.9613	.9607	.9601	.9594	.9588	.9583
139	.9627	.9622	.9618	.9613	.9608	.9602	.9596	.9589	.9583	.9577
140	.9622	.9617	.9613	.9608	.9603	.9597	.9591	.9584	.9578	.9572
141	.9617	.9612	.9608	.9603	.9598	.9592	.9586	.9579	.9573	.9567
142	.9612	.9607	.9603	.9598	.9593	.9587	.9580	.9574	.9567	.9561
143	.9608	.9603	.9598	.9593	.9588	.9582	.9575	.9569	.9562	.9556
144	.9603	.9598	9593	.9588	.9583	.9577	.9570	.9563	.9556	.9550
145	.9598	.9593	.9588	.9583	.9578	.9572	.9565	9558	.9551	.9545
146	.9593	.9588	.9583	.9578	.9573	.9567	.9560	.9553	.9546	.9540
147	.9588	.9583	.9578	.9573	.9568	.9562	.9555	.9548	.9541	.9534
148	.9584	.9579	.9574	.9569	.9563	.9557	.9550	9542	.9535	.9529
149	.9579	.9574	.9569	.9564	.9558	.9552	.9545	.9537	.9530	.9523
150	.9574	.9569	.9564	.9559	.9553	.9547	.9540	.9532	.9525	.9518

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TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in ° F.	Degrees A. P. I. at 60° F.									
	50	51	52	53	54	55	56	57	58	59
	Volume at 60° F. occupied by unit volume at indicated temperature.									
0	1.0324	1.0328	1.0333	1.0337	1.0342	1.0347	1.0352	1.0356	1.0361	1.0365
1	1.0319	1.0323	1.0338	1.0332	1.0336	1.0341	1.0346	1.0350	1.0355	1.0359
2	1.0313	1.0317	1.0322	1.0326	1.0331	1.0335	1.0340	1.0344	1.0349	1.0353
3	1.0308	1.0312	1.0317	1.0321	1.0325	1.0330	1.0335	1.0339	1.0343	1.0347
4	1.0302	1.0306	1.0311	1.0315	1.0320	1.0324	1.0329	1.0333	1.0337	1.0341
5	1.0297	1.0301	1.0306	1.0310	1.0314	1.0318	1.0323	1.0327	1.0331	1.0335
6	1.0292	1.0296	1.0300	1.0304	1.0308	1.0312	1.0317	1.0321	1.0325	1.0329
7	1.0286	1.0290	1.0295	1.0299	1.0303	1.0307	1.0311	1.0315	1.0319	1.0323
8	1.0281	1.0285	1.0289	1.0293	1.0297	1.0301	1.0306	1.0309	1.0313	1.0317
9	1.0275	1.0279	1.0284	1.0288	1.0292	1.0296	1.0300	1.0303	1.0307	1.0311
10	1.0270	1.0274	1.0278	1.0282	1.0286	1.0290	1.0294	1.0297	1.0301	1.0305
11	1.0265	1.0268	1.0272	1.0276	1.0280	1.0284	1.0288	1.0291	1.0295	1.0299
12	1.0259	1.0263	1.0267	1.0270	1.0274	1.0278	1.0282	1.0285	1.0289	1.0293
13	1.0254	1.0257	1.0261	1.0265	1.0269	1.0273	1.0277	1.0280	1.0283	1.0286
14	1.0248	1.0252	1.0256	1.0259	1.0263	1.0267	1.0271	1.0274	1.0277	1.0280
15	1.0243	1.0246	1.0250	1.0253	1.0257	1.0261	1.0265	1.0268	1.0271	1.0274
16	1.0238	1.0241	1.0245	1.0248	1.0251	1.0255	1.0259	1.0262	1.0265	1.0268
17	1.0232	1.0235	1.0239	1.0242	1.0246	1.0249	1.0253	1.0256	1.0259	1.0262
18	1.0227	1.0230	1.0234	1.0237	1.0240	1.0244	1.0248	1.0250	1.0253	1.0256
19	1.0221	1.0224	1.0228	1.0231	1.0235	1.0238	1.0242	1.0244	1.0247	1.0250
20	1.0216	1.0219	1.0223	1.0226	1.0229	1.0232	1.0236	1.0238	1.0241	1.0244
21	1.0211	1.0214	1.0217	1.0220	1.0223	1.0226	1.0230	1.0232	1.0235	1.0238
22	1.0205	1.0208	1.0212	1.0214	1.0217	1.0220	1.0224	1.0226	1.0229	1.0232
23	1.0200	1.0203	1.0206	1.0209	1.0212	1.0215	1.0218	1.0220	1.0223	1.0226
24	1.0194	1.0197	1.0201	1.0203	1.0206	1.0209	1.0212	1.0214	1.0217	1.0220
25	1.0189	1.0192	1.0195	1.0197	1.0200	1.0203	1.0206	1.0208	1.0211	1.0214
26	1.0184	1.0186	1.0189	1.0191	1.0194	1.0197	1.0200	1.0202	1.0205	1.0208
27	1.0178	1.0181	1.0184	1.0186	1.0189	1.0191	1.0194	1.0196	1.0199	1.0202
28	1.0173	1.0175	1.0178	1.0180	1.0183	1.0186	1.0189	1.0191	1.0193	1.0195
29	1.0167	1.0170	1.0173	1.0175	1.0178	1.0180	1.0183	1.0185	1.0187	1.0189
30	1.0162	1.0164	1.0167	1.0169	1.0172	1.0174	1.0177	1.0179	1.0181	1.0183
31	1.0157	1.0159	1.0161	1.0163	1.0166	1.0168	1.0171	1.0173	1.0175	1.0177
32	1.0151	1.0153	1.0156	1.0158	1.0160	1.0162	1.0165	1.0167	1.0169	1.0171
33	1.0146	1.0148	1.0150	1.0152	1.0155	1.0157	1.0159	1.0161	1.0163	1.0165
34	1.0140	1.0142	1.0145	1.0147	1.0149	1.0151	1.0153	1.0155	1.0157	1.0159
35	1.0135	1.0137	1.0139	1.0141	1.0143	1.0145	1.0147	1.0149	1.0151	1.0153
36	1.0130	1.0132	1.0134	1.0135	1.0137	1.0139	1.0141	1.0143	1.0145	1.0147
37	1.0124	1.0126	1.0128	1.0130	1.0132	1.0133	1.0135	1.0137	1.0139	1.0141
38	1.0119	1.0121	1.0123	1.0124	1.0126	1.0128	1.0130	1.0131	1.0133	1.0134
39	1.0113	1.0115	1.0117	1.0119	1.0121	1.0122	1.0124	1.0125	1.0127	1.0128
40	1.0108	1.0110	1.0112	1.0113	1.0115	1.0116	1.0118	1.0119	1.0121	1.0122
41	1.0103	1.0104	1.0106	1.0107	1.0109	1.0110	1.0112	1.0113	1.0115	1.0116
42	1.0097	1.0099	1.0101	1.0102	1.0103	1.0104	1.0106	1.0107	1.0109	1.0110
43	1.0092	1.0093	1.0095	1.0096	1.0098	1.0099	1.0101	1.0102	1.0103	1.0104
44	1.0086	1.0088	1.0090	1.0091	1.0092	1.0093	1.0095	1.0096	1.0097	1.0098
45	1.0081	1.0082	1.0084	1.0085	1.0086	1.0087	1.0089	1.0090	1.0091	1.0092
46	1.0076	1.0077	1.0078	1.0079	1.0080	1.0081	1.0083	1.0084	1.0085	1.0086
47	1.0070	1.0071	1.0073	1.0073	1.0074	1.0075	1.0077	1.0078	1.0079	1.0080
48	1.0065	1.0066	1.0067	1.0068	1.0069	1.0070	1.0071	1.0071	1.0072	1.0073
49	1.0059	1.0060	1.0062	1.0062	1.0063	1.0064	1.0065	1.0065	1.0066	1.0067
50	1.0054	1.0055	1.0056	1.0056	1.0057	1.0058	1.0059	1.0059	1.0060	1.0061
51	1.0049	1.0049	1.0050	1.0050	1.0051	1.0052	1.0053	1.0053	1.0054	1.0055
52	1.0043	1.0044	1.0045	1.0045	1.0046	1.0046	1.0047	1.0047	1.0048	1.0049
53	1.0038	1.0038	1.0039	1.0039	1.0040	1.0041	1.0042	1.0042	1.0042	1.0042
54	1.0032	1.0033	1.0034	1.0034	1.0035	1.0035	1.0036	1.0036	1.0036	1.0036
55	1.0027	1.0027	1.0028	1.0028	1.0029	1.0029	1.0030	1.0030	1.0030	1.0030
56	1.0022	1.0022	1.0022	1.0022	1.0023	1.0023	1.0024	1.0024	1.0024	1.0024
57	1.0016	1.0016	1.0017	1.0017	1.0017	1.0017	1.0018	1.0018	1.0018	1.0018
58	1.0011	1.0011	1.0011	1.0011	1.0012	1.0012	1.0012	1.0012	1.0012	1.0012
59	1.0005	1.0005	1.0006	1.0006	1.0006	1.0006	1.0006	1.0006	1.0006	1.0006
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9995	.9995	.9994	.9994	.9994	.9994	.9994	.9994	.9994	.9994
62	.9989	.9989	.9989	.9989	.9988	.9988	.9988	.9988	.9988	.9988
63	.9984	.9984	.9983	.9983	.9983	.9983	.9983	.9983	.9982	.9982
64	.9978	.9978	.9978	.9978	.9977	.9977	.9977	.9977	.9976	.9976

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in ° F.	Degrees A. P. I. at 60° F.									
	50	51	52	53	54	55	56	57	58	59
	Volume at 60° F. occupied by unit volume at indicated temperature.									
65	0.9973	0.9973	0.9972	0.9972	0.9971	0.9971	0.9971	0.9971	0.9970	0.9970
66	.9968	.9967	.9966	.9966	.9965	.9965	.9965	.9965	.9964	.9964
67	.9962	.9962	.9961	.9961	.9960	.9960	.9959	.9958	.9957	.9957
68	.9957	.9956	.9955	.9955	.9954	.9954	.9953	.9952	.9951	.9951
69	.9951	.9951	.9950	.9950	.9949	.9948	.9947	.9946	.9945	.9945
70	.9946	.9945	.9944	.9944	.9943	.9942	.9941	.9940	.9939	.9939
71	.9941	.9940	.9938	.9938	.9937	.9936	.9935	.9934	.9933	.9933
72	.9935	.9934	.9933	.9932	.9931	.9930	.9929	.9928	.9927	.9927
73	.9930	.9929	.9927	.9927	.9926	.9925	.9923	.9922	.9921	.9920
74	.9924	.9923	.9922	.9921	.9920	.9919	.9917	.9916	.9915	.9914
75	.9919	.9918	.9916	.9915	.9914	.9913	.9911	.9910	.9909	.9908
76	.9913	.9912	.9910	.9909	.9908	.9907	.9905	.9904	.9903	.9902
77	.9908	.9907	.9905	.9904	.9902	.9901	.9899	.9898	.9897	.9896
78	.9902	.9901	.9899	.9898	.9897	.9896	.9894	.9893	.9891	.9890
79	.9897	.9896	.9894	.9893	.9891	.9890	.9888	.9887	.9885	.9884
80	.9891	.9890	.9888	.9887	.9885	.9884	.9882	.9881	.9879	.9878
81	.9886	.9884	.9882	.9881	.9879	.9878	.9876	.9875	.9873	.9872
82	9880	.9879	.9877	.9875	.9873	.9871	.9870	.9869	.9867	.9865
83	9875	.9873	.9871	.9870	.9868	.9866	.9864	.9862	.9860	.9859
84	.9869	.9868	.9866	.9864	.9862	.9860	.9858	.9856	.9854	.9852
85	.9864	.9862	.9860	.9858	.9856	.9854	.9852	.9850	.9848	.9846
86	.9859	.9857	.9854	.9852	.9850	.9848	.9846	.9844	.9842	.9840
87	.9853	.9851	.9849	.9847	.9845	.9843	.9840	.9838	.9836	.9834
88	.9848	.9846	.9843	.9841	.9839	.9837	.9834	.9832	.9830	.9828
89	.9842	.9840	.9838	.9836	.9834	.9831	.9828	.9826	.9824	.9822
90	.9837	.9835	.9832	.9830	.9828	.9825	.9822	.9820	.9818	.9816
91	.9832	.9829	.9826	.9824	.9822	.9819	.9816	.9814	.9812	.9810
92	.9826	.9824	.9821	.9819	.9816	.9813	.9810	.9808	.9806	.9804
93	.9821	.9818	.9815	.9813	.9811	.9808	.9805	.9803	.9800	.9797
94	.9815	.9813	.9810	.9808	.9805	.9802	.9799	.9797	.9794	.9791
95	.9810	.9807	.9804	.9802	.9799	.9796	.9793	.9791	.9788	.9785
96	.9805	.9802	.9798	.9796	.9793	.9790	.9787	.9785	.9782	.9779
97	.9799	.9796	.9793	.9790	.9787	.9784	.9781	.9779	.9776	.9773
98	.9794	.9791	.9787	.9785	.9782	.9779	.9775	.9772	.9769	.9766
99	.9788	.9785	.9782	.9779	.9776	.9773	.9769	.9766	.9763	.9760
100	.9783	.9780	.9776	.9773	.9770	.9767	.9763	.9760	.9757	.9754
101	.9778	.9774	.9770	.9767	.9764	.9761	.9757	.9754	.9751	.9748
102	.9772	.9769	.9765	.9762	.9758	.9755	.9751	.9748	.9745	.9742
103	.9767	.9763	.9759	.9756	.9753	.9749	.9745	.9742	.9738	.9735
104	.9761	.9758	.9754	.9751	.9747	.9743	.9739	.9736	.9732	.9729
105	.9756	.9752	.9748	.9745	.9741	.9737	.9733	.9730	.9726	.9723
106	.9751	.9747	.9742	.9739	.9735	.9731	.9727	.9724	.9720	.9717
107	.9745	.9741	.9737	.9733	.9729	.9725	.9721	.9718	.9714	.9711
108	.9740	.9736	.9731	.9728	.9724	.9720	.9715	.9712	.9708	.9705
109	.9734	.9730	.9726	.9722	.9718	.9714	.9709	.9706	.9702	.9699
110	.9729	.9725	.9720	.9716	.9712	.9708	.9703	.9700	.9696	.9693
111	.9724	.9720	.9715	.9711	.9706	.9702	.9697	.9694	.9690	.9687
112	.9718	.9714	.9709	.9705	.9701	.9696	.9691	.9688	.9684	.9680
113	.9713	.9709	.9704	.9700	.9695	.9690	.9686	.9682	.9678	.9674
114	.9707	.9703	.9698	.9694	.9690	.9685	.9680	.9676	.9672	.9668
115	.9702	.9698	.9693	.9689	.9684	.9679	.9674	.9670	.9666	.9662
116	.9696	.9692	.9687	.9683	.9678	.9673	.9668	.9664	.9660	.9656
117	.9691	.9687	.9682	.9677	.9672	.9667	.9662	.9658	.9654	.9650
118	.9685	.9681	.9676	.9672	.9667	.9662	.9656	.9652	.9647	.9643
119	.9680	.9676	.9671	.9666	.9661	.9656	.9650	.9646	.9641	.9637
120	.9674	.9670	.9665	.9660	.9655	.9650	.9644	.9640	.9635	.9631
121	.9669	.9664	.9659	.9654	.9649	.9644	.9638	.9634	.9629	.9625
122	.9663	.9659	.9654	.9649	.9643	.9638	.9632	.9628	.9623	.9619
123	.9658	.9653	.9648	.9643	.9638	.9632	.9626	.9622	.9617	.9612
124	.9652	.9648	.9643	.9638	.9632	.9626	.9620	.9616	.9611	.9606
125	.9647	.9642	.9637	.9632	.9626	.9620	.9614	.9610	.9605	.9600

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in ° F.	Degrees A. P. I. at 60° F.									
	60	61	62	63	64	65	66	67	68	69
	Volume at 60° F. occupied by unit volume at indicated temperature.									
0	1.0370	1.0374	1.0378	1.0382	1.0387	1.0391	1.0395	1.0399	1.0403	1.0407
1	1.0364	1.0368	1.0372	1.0376	1.0381	1.0384	1.0388	1.0392	1.0396	1.0400
2	1.0358	1.0362	1.0366	1.0370	1.0374	1.0378	1.0382	1.0385	1.0389	1.0393
3	1.0351	1.0355	1.0359	1.0363	1.0368	1.0371	1.0375	1.0379	1.0383	1.0387
4	1.0345	1.0349	1.0353	1.0357	1.0361	1.0365	1.0369	1.0372	1.0376	1.0380
5	1.0339	1.0343	1.0347	1.0351	1.0355	1.0358	1.0362	1.0365	1.0369	1.0373
6	1.0333	1.0337	1.0341	1.0345	1.0349	1.0342	1.0356	1.0359	1.0362	1.0366
7	1.0327	1.0331	1.0335	1.0338	1.0342	1.0345	1.0349	1.0352	1.0356	1.0359
8	1.0321	1.0324	1.0328	1.0332	1.0336	1.0339	1.0343	1.0346	1.0349	1.0353
9	1.0315	1.0318	1.0322	1.0325	1.0329	1.0332	1.0336	1.0339	1.0343	1.0346
10	1.0309	1.0312	1.0316	1.0319	1.0323	1.0326	1.0330	1.0333	1.0336	1.0339
11	1.0303	1.0306	1.0310	1.0313	1.0317	1.0320	1.0323	1.0326	1.0329	1.0332
12	1.0297	1.0300	1.0304	1.0307	1.0310	1.0313	1.0317	1.0320	1.0323	1.0326
13	1.0290	1.0293	1.0297	1.0300	1.0304	1.0307	1.0310	1.0313	1.0316	1.0319
14	1.0284	1.0287	1.0291	1.0294	1.0297	1.0300	1.0304	1.0307	1.0310	1.0313
15	1.0278	1.0281	1.0285	1.0288	1.0291	1.0294	1.0297	1.0300	1.0303	1.0306
16	1.0272	1.0275	1.0279	1.0282	1.0285	1.0287	1.0290	1.0293	1.0296	1.0299
17	1.0266	1.0269	1.0272	1.0275	1.0278	1.0281	1.0284	1.0286	1.0289	1.0292
18	1.0259	1.0262	[illegible]	1.0269	1.0272	1.0274	1.0277	1.0280	1.0283	1.0286
19	1.0253	1.0256	[illegible]	1.0262	1.0265	1.0268	1.0271	1.0273	1.0276	1.0279
20	1.0247	1.0250	1.0253	1.0256	1.0259	1.0261	1.0264	1.0266	1.0269	1.0272
21	1.0241	1.0244	1.0247	1.0250	1.0253	1.0255	1.0257	1.0259	1.0262	1.0265
22	1.0235	1.0238	1.0241	1.0243	1.0246	1.0248	1.0251	1.0253	1.0256	1.0258
23	1.0229	1.0231	1.0234	1.0237	1.0240	1.0242	1.0244	1.0246	1.0249	1.0252
24	1.0223	1.0225	1.0228	1.0230	1.0233	1.0235	1.0238	1.0240	1.0243	1.0245
25	1.0217	1.0219	1.0222	1.0224	1.0227	1.0229	1.0231	1.0233	1.0236	1.0238
26	1.0211	1.0213	1.0216	1.0218	1.0220	1.0222	1.0224	1.0226	1.0229	1.0231
27	1.0205	1.0207	1.0209	1.0211	1.0214	1.0216	1.0218	1.0220	1.0223	1.0225
28	1.0198	1.0200	1.0203	1.0205	1.0207	1.0207	1.0211	1.0213	1.0216	1.0218
29	1.0192	1.0194	1.0196	1.0198	1.0201	1.0203	1.0205	1.0207	1.0210	1.0212
30	1.0186	1.0188	1.0190	1.0192	1.0194	1.0196	1.0198	1.0200	1.0203	1.0205
31	1.0180	1.0182	1.0184	1.0186	1.0188	1.0189	1.0191	1.0193	1.0196	1.0198
32	1.0174	1.0176	1.0178	1.0179	1.0181	1.0183	1.0185	1.0187	1.0189	1.0191
33	1.0167	1.0169	1.0171	1.0173	1.0175	1.0176	1.0178	1.0180	1.0183	1.0184
34	1.0161	1.0163	1.0165	1.0166	1.0168	1.0170	1.0172	1.0174	1.0176	1.0177
35	1.0155	1.0157	1.0159	1.0160	1.0162	1.0163	1.0165	1.0167	1.0169	1.0170
36	1.0149	1.0151	1.0153	1.0154	1.0156	1.0157	1.0158	1.0160	1.0162	1.0163
37	1.0143	1.0144	1.0146	1.0147	1.0149	1.0150	1.0152	1.0153	1.0155	1.0156
38	1.0136	1.0138	1.0140	1.0141	1.0143	1.0144	1.0145	1.0147	1.0149	1.0150
39	1.0130	1.0131	1.0133	1.0134	1.0136	1.0137	1.0139	1.0140	1.0142	1.0143
40	1.0124	1.0125	1.0127	1.0128	1.0130	1.0131	1.0132	1.0133	1.0135	1.0136
41	1.0118	1.0119	1.0121	1.0122	1.0123	1.0124	1.0125	1.0126	1.0128	1.0129
42	1.0112	1.0113	1.0114	1.0115	1.0117	1.0118	1.0119	1.0120	1.0122	1.0123
43	1.0105	1.0106	1.0108	1.0109	1.0110	1.0111	1.0112	1.0113	1.0115	1.0116
44	1.0099	1.0100	1.0101	1.0102	1.0104	1.0105	1.0106	1.0107	1.0109	1.0110
45	1.0093	1.0094	1.0095	1.0096	1.0097	1.0098	1.0099	1.0100	1.0102	1.0103
46	1.0087	1.0088	1.0089	1.0090	1.0091	1.0091	1.0092	1.0093	1.0095	1.0096
47	1.0081	1.0082	1.0083	1.0083	1.0084	1.0085	1.0086	1.0087	1.0088	1.0089
48	1.0074	1.0075	1.0076	1.0077	1.0078	1.0078	1.0079	1.0080	1.0082	1.0082
49	1.0068	1.0069	1.0070	1.0070	1.0071	1.0072	1.0073	1.0074	1.0075	1.0075
50	1.0062	1.0063	1.0064	1.0064	1.0065	1.0065	1.0066	1.0067	1.0068	1.0068
51	1.0056	1.0057	1.0058	1.0058	1.0058	1.0058	1.0059	1.0060	1.0061	1.0061
52	1.0050	1.0050	1.0051	1.0051	1.0052	1.0052	1.0053	1.0053	1.0054	1.0054
53	1.0043	1.0044	1.0045	1.0045	1.0045	1.0045	1.0046	1.0047	1.0048	1.0048
54	1.0037	1.0037	1.0038	1.0038	1.0039	1.0039	1.0040	1.0040	1.0041	1.0041
55	1.0031	1.0031	1.0032	1.0032	1.0032	1.0032	1.0033	1.0033	1.0034	1.0034
56	1.0025	1.0025	1.0026	1.0026	1.0026	1.0026	1.0026	1.0026	1.0027	1.0027
57	1.0019	1.0019	1.0019	1.0019	1.0019	1.0019	1.0020	1.0020	1.0020	1.0020
58	1.0012	1.0012	1.0013	1.0013	1.0013	1.0013	1.0013	1.0013	1.0014	1.0014
59	1.0006	1.0006	1.0006	1.0006	1.0006	1.0006	1.0007	1.0007	1.0007	1.0007
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9994	.9994	.9994	.9994	.9993	.9993	.9993	.9993	.9993	.9993
62	.9988	.9988	.9987	.9987	.9987	.9987	.9987	.9987	.9986	.9986
63	.9981	.9981	.9981	.9981	.9980	.9980	.9980	.9980	.9980	.9980
64	.9975	.9975	.9974	.9974	.9974	.9974	.9974	.9973	.9973	.9973

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	60	61	62	63	64	65	66	67	68	69
	Volume at 60° F. occupied by unit volume at indicated temperature.									
65	0.9969	0.9969	0.9968	0.9968	0.9967	0.9967	0.9967	0.9967	0.9966	0.9966
66	.9963	.9963	.9962	.9962	.9961	.9961	.9960	.9960	.9959	.9959
67	.9957	.9956	.9955	.9955	.9954	.9954	.9954	.9953	.9952	.9952
68	.9950	.9950	.9949	.9949	.9948	.9948	.9947	.9947	.9946	.9946
69	.9944	.9943	.9942	.9942	.9941	.9941	.9941	.9940	.9939	.9939
70	.9938	.9937	.9936	.9936	.9935	.9935	.9934	.9933	.9932	.9932
71	.9932	.9931	.9930	.9929	.9928	.9928	.9927	.9926	.9925	.9925
72	.9926	.9925	.9923	.9923	.9922	.9921	.9920	.9919	.9918	.9918
73	.9919	.9918	.9917	.9916	.9915	.9915	.9914	.9913	.9912	.9911
74	.9913	.9912	.9910	.9910	.9909	.9908	.9907	.9906	.9905	.9904
75	.9907	.9906	.9904	.9903	.9902	.9901	.9900	.9899	.9898	.9897
76	.9901	.9900	.9898	.9897	.9896	.9895	.9893	.9892	.9891	.9890
77	.9895	.9894	.9892	.9891	.9889	.9888	.9887	.9886	.9884	.9883
78	.9888	.9887	.9885	.9884	.9883	.9882	.9880	.9879	.9878	.9877
79	.9882	.9881	.9879	.9878	.9876	.9875	.9874	.9873	.9871	.9870
80	.9876	.9875	.9873	.9872	.9870	.9869	.9867	.9866	.9864	.9863
81	.9870	.9869	.9867	.9866	.9863	.9862	.9860	.9859	.9857	.9856
82	.9863	.9862	.9860	.9859	.9857	.9856	.9854	.9852	.9850	.9849
83	.9857	.9856	.9854	.9852	.9850	.9849	.9847	.9846	.9844	.9842
84	.9850	.9849	.9847	.9846	.9844	.9843	.9841	.9839	.9837	.9835
85	.9844	.9843	.9841	.9839	.9837	.9836	.9834	.9832	.9830	.9828
86	.9838	.9837	.9835	.9833	.9830	.9829	.9827	.9825	.9823	.9821
87	.9832	.9830	.9828	.9826	.9824	.9822	.9820	.9818	.9816	.9814
88	.9825	.9824	.9822	.9820	.9817	.9816	.9814	.9812	.9810	.9808
89	.9819	.9817	.9815	.9813	.9811	.9809	.9807	.9805	.9803	.9801
90	.9813	.9811	.9809	.9807	.9804	.9802	.9800	.9798	.9796	.9794
91	.9807	.9805	.9803	.9801	.9798	.9796	.9793	.9791	.9789	.9787
92	.9801	.9799	.9796	.9794	.9791	.9789	.9787	.9785	.9782	.9780
93	.9794	.9792	.9790	.9788	.9785	.9783	.9780	.9778	.9776	.9774
94	.9788	.9786	.9783	.9781	.9778	.9776	.9774	.9772	.9769	.9767
95	.9782	.9780	.9777	.9775	.9772	.9770	.9767	.9765	.9762	.9760
96	.9776	.9774	.9771	.9768	.9765	.9763	.9760	.9758	.9755	.9753
97	.9770	.9767	.9764	.9762	.9759	.9756	.9753	.9751	.9748	.9746
98	.9763	.9761	.9758	.9755	.9752	.9750	.9747	.9745	.9742	.9739
99	.9757	.9754	.9751	.9749	.9746	.9743	.9740	.9738	.9735	.9732
100	.9751	.9748	.9745	.9742	.9739	.9736	.9733	.9731	.9728	.9725
101	.9745	.9742	.9739	.9736	.9733	.9730	.9726	.9724	.9721	.9718
102	.9739	.9736	.9732	.9729	.9726	.9723	.9720	.9717	.9714	.9711
103	.9732	.9729	.9726	.9723	.9720	.9717	.9713	.9711	.9708	.9705
104	.9726	.9723	.9719	.9716	.9713	.9710	.9707	.9704	.9701	.9698
105	.9720	.9717	.9713	.9710	.9707	.9704	.9700	.9697	.9694	.9691
106	.9714	.9711	.9707	.9704	.9700	.9697	.9693	.9690	.9687	.9684
107	.9708	.9704	.9700	.9697	.9694	.9690	.9686	.9683	.9680	.9677
108	.9701	.9698	.9694	.9691	.9687	.9684	.9680	.9677	.9673	.9670
109	.9695	.9691	.9687	.9684	.9681	.9677	.9673	.9670	.9666	.9663
110	.9689	.9685	.9681	.9678	.9674	.9670	.9666	.9663	.9659	.9656
111	.9683	.9679	.9675	.9671	.9667	.9663	.9659	.9656	.9652	.9649
112	.9676	.9672	.9668	.9665	.9661	.9657	.9653	.9649	.9645	.9642
113	.9670	.9666	.9662	.9658	.9654	.9650	.9646	.9643	.9639	.9635
114	.9663	.9659	.9655	.9652	.9648	.9644	.9640	.9636	.9632	.9628
115	.9657	.9653	.9649	.9645	.9641	.9637	.9633	.9629	.9625	.9621
116	.9651	.9647	.9643	.9639	.9634	.9630	.9626	.9622	.9618	.9614
117	.9645	.9641	.9636	.9632	.9628	.9624	.9619	.9615	.9611	.9607
118	.9638	.9634	.9630	.9626	.9621	.9617	.9613	.9609	.9605	.9601
119	.9632	.9628	.9623	.9619	.9615	.9611	.9606	.9602	.9598	.9594
120	.9626	.9622	.9617	.9613	.9608	.9604	.9599	.9595	.9591	.9587
121	.9620	.9616	.9611	.9607	.9602	.9597	.9592	.9588	.9584	.9580
122	.9614	.9609	.9604	.9600	.9595	.9591	.9586	.9582	.9577	.9573
123	.9607	.9603	.9598	.9594	.9589	.9584	.9579	.9575	.9571	.9566
124	.9601	.9596	.9591	.9587	.9582	.9578	.9573	.9569	.9564	.9559
125	.9595	.9590	.9585	.9581	.9576	.9571	.9566	.9562	.9557	.9552

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. 60° F.									
	70	71	72	73	74	75	76	77	78	79
	Volume at 60° F. occupied by unit volume at indicated temperature.									
0	1.0411	1.0415	1.0419	1.0422	1.0426	1.0430	1.0434	1.0438	1.0443	1.0447
1	1.0404	1.0408	1.0412	1.0415	1.0419	1.0423	1.0427	1.0431	1.0436	1.0440
2	1.0397	1.0401	1.0405	1.0408	1.0412	1.0416	1.0420	1.0424	1.0429	1.0432
3	1.0391	1.0394	1.0398	1.0401	1.0405	1.0409	1.0413	1.0417	1.0421	1.0425
4	1.0384	1.0387	1.0391	1.0394	1.0398	1.0402	1.0406	1.0410	1.0414	1.0417
5	1.0377	1.0380	1.0384	1.0387	1.0391	1.0395	1.0399	1.0403	1.0407	1.0410
6	1.0370	1.0373	1.0377	1.0380	1.0384	1.0388	1.0392	1.0396	1.0400	1.0403
7	1.0363	1.0366	1.0370	1.0373	1.0377	1.0381	1.0385	1.0388	1.0392	1.0395
8	1.0357	1.0360	1.0364	1.0367	1.0370	1.0373	1.0377	1.0381	1.0385	1.0388
9	1.0350	1.0353	1.0357	1.0360	1.0363	1.0366	1.0370	1.0373	1.0377	1.0380
10	1.0343	1.0346	1.0350	1.0353	1.0356	1.0359	1.0363	1.0366	1.0370	1.0373
11	1.0336	1.0339	1.0343	1.0346	1.0349	1.0352	1.0356	1.0359	1.0363	1.0366
12	1.0329	1.0332	1.0336	1.0339	1.0342	1.0345	1.0349	1.0352	1.0356	1.0359
13	1.0323	1.0326	1.0329	1.0332	1.0335	1.0338	1.0341	1.0344	1.0348	1.0351
14	1.0316	1.0319	1.0322	1.0325	1.0328	1.0331	1.0334	1.0337	1.0341	1.0344
15	1.0309	1.0312	1.0315	1.0318	1.0321	1.0324	1.0327	1.0330	1.0334	1.0337
16	1.0302	1.0305	1.0308	1.0311	1.0314	1.0317	1.0320	1.0323	1.0327	1.0329
17	1.0295	1.0298	1.0301	1.0304	1.0307	1.0310	1.0313	1.0316	1.0319	1.0322
18	1.0289	1.0291	1.0294	1.0297	1.0299	1.0302	1.0305	1.0308	1.0312	1.0314
19	1.0282	1.0284	1.0287	1.0290	1.0292	1.0295	1.0298	1.0301	1.0304	1.0307
20	1.0275	1.0277	1.0280	1.0283	1.0285	1.0288	1.0291	1.0294	1.0297	1.0299
21	1.0268	1.0270	1.0273	1.0276	1.0278	1.0281	1.0284	1.0287	1.0290	1.0292
22	1.0261	1.0263	1.0266	1.0259	1.0271	1.0274	1.0277	1.0279	1.0282	1.0284
23	1.0255	1.0257	1.0260	1.0262	1.0264	1.0266	1.0269	1.0272	1.0275	1.0277
24	1.0248	1.0250	1.0253	1.0255	1.0257	1.0259	1.0262	1.0264	1.0267	1.0269
25	1.0241	1.0243	1.0246	1.0248	1.0250	1.0252	1.0255	1.0257	1.0260	1.0262
26	1.0234	1.0236	1.0239	1.0241	1.0243	1.0245	1.0248	1.0250	1.0253	1.0255
27	1.0227	1.0229	1.0232	1.0234	1.0236	1.0238	1.0241	1.0243	1.0245	1.0247
28	1.0221	1.0223	1.0225	1.0227	1.0229	1.0231	1.0233	1.0235	1.0238	1.0240
29	1.0214	1.0216	1.0218	1.0220	1.0222	1.0224	1.0226	1.0228	1.0230	1.0232
30	1.0207	1.0209	1.0211	1.0213	1.0215	1.0217	1.0219	1.0221	1.0223	1.0225
31	1.0200	1.0202	1.0204	1.0206	1.0208	1.0210	1.0212	1.0214	1.0216	1.0218
32	1.0193	1.0195	1.0197	1.0199	1.0201	1.0202	1.0204	1.0206	1.0208	1.0210
33	1.0186	1.0188	1.0190	1.0191	1.0193	1.0195	1.0197	1.0199	1.0201	1.0203
34	1.0179	1.0181	1.0183	1.0184	1.0186	1.0187	1.0189	1.0191	1.0193	1.0195
35	1.0172	1.0174	1.0176	1.0177	1.0179	1.0180	1.0182	1.0184	1.0186	1.0188
36	1.0165	1.0167	1.0169	1.0170	1.0172	1.0173	1.0175	1.0177	1.0179	1.0180
37	1.0158	1.0160	1.0162	1.0163	1.0165	1.0166	1.0168	1.0169	1.0171	1.0173
38	1.0152	1.0153	1.0155	1.0156	1.0157	1.0158	1.0160	1.0162	1.0164	1.0165
39	1.0145	1.0146	1.0148	1.0149	1.0150	1.0151	1.0153	1.0154	1.0156	1.0158
40	1.0138	1.0139	1.0141	1.0142	1.0143	1.0144	1.0146	1.0147	1.0149	1.0150
41	1.0131	1.0132	1.0134	1.0135	1.0136	1.0137	1.0139	1.0140	1.0142	1.0143
42	1.0124	1.0125	1.0127	1.0128	1.0129	1.0130	1.0132	1.0133	1.0134	1.0135
43	1.0118	1.0119	1.0120	1.0121	1.0122	1.0123	1.0124	1.0125	1.0127	1.0128
44	1.0111	1.0112	1.0113	1.0114	1.0115	1.0116	1.0117	1.0118	1.0119	1.0120

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	70	71	72	73	74	75	76	77	78	79
	Volume at 60° F. occupied by unit volume at indicated temperature.									
45	1.0104	1.0105	1.0106	1.0107	1.0108	1.0109	1.0110	1.0111	1.0112	1.0113
46	1.0097	1.0098	1.0099	1.0100	1.0101	1.0102	1.0103	1.0104	1.0105	1.0105
47	1.0090	1.0091	1.0092	1.0093	1.0094	1.0094	1.0095	1.0096	1.0097	1.0098
48	1.0083	1.0083	1.0084	1.0085	1.0086	1.0087	1.0088	1.0089	1.0090	1.0090
49	1.0076	1.0076	1.0077	1.0078	1.0079	1.0079	1.0080	1.0081	1.0082	1.0083
50	1.0069	1.0069	1.0070	1.0071	1.0072	1.0072	1.0073	1.0074	1.0075	1.0075
51	1.0062	1.0062	1.0063	1.0064	1.0065	1.0065	1.0066	1.0066	1.0067	1.0067
52	1.0055	1.0055	1.0056	1.0057	1.0058	1.0058	1.0059	1.0059	1.0060	1.0060
53	1.0049	1.0049	1.0049	1.0049	1.0050	1.0050	1.0051	1.0051	1.0052	1.0052
54	1.0042	1.0042	1.0042	1.0042	1.0043	1.0043	1.0044	1.0044	1.0045	1.0045
55	1.0035	1.0035	1.0035	1.0035	1.0036	1.0036	1.0037	1.0037	1.0037	1.0037
56	1.0028	1.0028	1.0028	1.0028	1.0029	1.0029	1.0030	1.0030	1.0030	1.0030
57	1.0021	1.0021	1.0021	1.0021	1.0022	1.0022	1.0022	1.0022	1.0022	1.0022
58	1.0014	1.0014	1.0014	1.0014	1.0014	1.0014	1.0015	1.0015	1.0015	1.0015
59	1.0007	1.0007	1.0007	1.0007	1.0007	1.0007	1.0007	1.0007	1.0007	1.0007
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9993	.9993	.9993	.9993	.9993	.9993	.9993	.9993	.9993	.9993
62	.9986	.9986	.9986	.9986	.9986	.9986	.9985	.9985	.9985	.9985
63	.9979	.9979	.9979	.9979	.9978	.9978	.9978	.9978	.9978	.9978
64	.9972	.9972	.9972	.9972	.9971	.9971	.9970	.9970	.9970	.9970
65	.9965	.9965	.9965	.9965	.9964	.9964	.9963	.9963	.9963	.9963
66	.9958	.9958	.9958	.9958	.9957	.9957	.9956	.9956	.9955	.9955
67	.9951	.9951	.9951	.9951	.9950	.9949	.9948	.9948	.9948	.9948
68	.9945	.9944	.9943	.9943	.9942	.9942	.9941	.9941	.9940	.9940
69	.9938	.9937	.9936	.9936	.9935	.9934	.9933	.9933	.9933	.9933
70	.9931	.9930	.9929	.9929	.9928	.9927	.9926	.9926	.9925	.9925
71	.9924	.9923	.9922	.9922	.9921	.9920	.9919	.9919	.9918	.9917
72	.9917	.9916	.9915	.9915	.9914	.9913	.9912	.9911	.9910	.9909
73	.9910	.9909	.9908	.9907	.9906	.9905	.9904	.9904	.9903	.9902
74	.9903	.9902	.9901	.9900	.9899	.9898	.9897	.9896	.9895	.9894
75	.9896	.9895	.9894	.9893	.9892	.9891	.9890	.9889	.9888	.9887
76	.9889	.9888	.9887	.9886	.9885	.9884	.9883	.9882	.9880	.9879
77	.9882	.9881	.9880	.9879	.9878	.9877	.9875	.9874	.9873	.9872
78	.9875	.9874	.9872	.9871	.9870	.9869	.9868	.9867	.9865	.9864
79	.9868	.9867	.9865	.9864	.9863	.9862	.9860	.9859	.9858	.9857
80	.9861	.9860	.9858	.9857	.9856	.9855	.9853	.9852	.9850	.9849
81	.9854	.9853	.9851	.9850	.9849	.9848	.9846	.9844	.9842	.9841
82	.9847	.9846	.9844	.9843	.9842	.9840	.9838	.9837	.9835	.9834
83	.9840	.9839	.9837	.9836	.9834	.9833	.9831	.9829	.9827	.9826
84	.9833	.9832	.9830	.9829	.9827	.9825	.9823	.9822	.9820	.9819
85	.9826	.9825	.9823	.9822	.9820	.9818	.9816	.9814	.9812	.9811
86	.9819	.9818	.9816	.9815	.9813	.9811	.9809	.9807	.9805	.9803
87	.9812	.9811	.9809	.9808	.9806	.9804	.9801	.9799	.9797	.9795
88	.9806	.9804	.9802	.9800	.9798	.9796	.9794	.9792	.9790	.9788
89	.9799	.9797	.9795	.9793	.9791	.9789	.9786	.9784	.9782	.9780
90	.9792	.9790	.9788	.9786	.9784	.9782	.9779	.9777	.9775	.9773

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	80	81	82	83	84	85	86	87	88	89
	Volume at 60° F. occupied by unit volume at indicated temperature.									
0	1.0451	1.0455	1.0459	1.0463	1.0467	1.0471	1.0476	1.0480	1.0485	1.0490
1	1.0444	1.0448	1.0452	1.0455	1.0459	1.0463	1.0468	1.0472	1.0477	1.0482
2	1.0436	1.0440	1.0444	1.0448	1.0452	1.0456	1.0460	1.0464	1.0469	1.0474
3	1.0429	1.0433	1.0437	1.0440	1.0444	1.0448	1.0453	1.0457	1.0461	1.0466
4	1.0421	1.0425	1.0429	1.0433	1.0437	1.0441	1.0445	1.0449	1.0453	1.0458
5	1.0414	1.0418	1.0422	1.0425	1.0429	1.0433	1.0437	1.0441	1.0445	1.0450
6	1.0407	1.0410	1.0414	1.0417	1.0421	1.0425	1.0429	1.0433	1.0437	1.0442
7	1.0399	1.0403	1.0407	1.0410	1.0413	1.0417	1.0421	1.0425	1.0429	1.0434
8	1.0392	1.0395	1.0399	1.0402	1.0406	1.0410	1.0414	1.0417	1.0421	1.0425
9	1.0384	1.0388	1.0392	1.0395	1.0398	1.0402	1.0406	1.0409	1.0413	1.0417
10	1.0377	1.0380	1.0384	1.0387	1.0390	1.0394	1.0398	1.0401	1.0405	1.0409
11	1.0370	1.0373	1.0376	1.0379	1.0382	1.0386	1.0390	1.0393	1.0397	1.0401
12	1.0362	1.0365	1.0369	1.0372	1.0375	1.0378	1.0382	1.0385	1.0389	1.0393
13	1.0355	1.0358	1.0361	1.0364	1.0367	1.0371	1.0375	1.0378	1.0381	1.0385
14	1.0347	1.0350	1.0354	1.0357	1.0360	1.0363	1.0367	1.0370	1.0373	1.0377
15	1.0340	1.0343	1.0346	1.0349	1.0352	1.0355	1.0359	1.0362	1.0365	1.0369
16	1.0332	1.0335	1.0338	1.0341	1.0344	1.0347	1.0351	1.0354	1.0357	1.0361
17	1.0325	1.0328	1.0331	1.0333	1.0336	1.0339	1.0343	1.0346	1.0349	1.0353
18	1.0317	1.0320	1.0323	1.0326	1.0329	1.0332	1.0335	1.0338	1.0341	1.0344
19	1.0310	1.0313	1.0316	1.0318	1.0321	1.0324	1.0327	1.0330	1.0333	1.0336
20	1.0302	1.0305	1.0308	1.0310	1.0313	1.0316	1.0319	1.0322	1.0325	1.0328
21	1.0295	1.0297	1.0300	1.0302	1.0305	1.0308	1.0311	1.0314	1.0317	1.0320
22	1.0287	1.0290	1.0293	1.0295	1.0297	1.0300	1.0303	1.0306	1.0309	1.0312
23	1.0280	1.0282	1.0285	1.0287	1.0290	1.0293	1.0296	1.0298	1.0301	1.0304
24	1.0272	1.0275	1.0278	1.0280	1.0282	1.0285	1.0288	1.0290	1.0293	1.0296
25	1.0265	1.0267	1.0270	1.0272	1.0274	1.0277	1.0280	1.0282	1.0285	1.0288
26	1.0257	1.0259	1.0262	1.0264	1.0266	1.0269	1.0272	1.0274	1.0277	1.0280
27	1.0250	1.0252	1.0254	1.0256	1.0258	1.0261	1.0264	1.0266	1.0269	1.0272
28	1.0242	1.0244	1.0247	1.0249	1.0251	1.0253	1.0256	1.0258	1.0261	1.0263
29	1.0235	1.0237	1.0239	1.0241	1.0243	1.0245	1.0248	1.0250	1.0253	1.0255
30	1.0227	1.0229	1.0231	1.0233	1.0235	1.0237	1.0240	1.0242	1.0245	1.0247
31	1.0220	1.0221	1.0223	1.0225	1.0227	1.0229	1.0232	1.0234	1.0237	1.0239
32	1.0212	1.0214	1.0216	1.0217	1.0219	1.0221	1.0224	1.0226	1.0229	1.0231
33	1.0205	1.0206	1.0208	1.0210	1.0212	1.0214	1.0216	1.0218	1.0220	1.0222
34	1.0197	1.0199	1.0201	1.0202	1.0204	1.0206	1.0208	1.0210	1.0212	1.0214
35	1.0190	1.0191	1.0193	1.0194	1.0196	1.0198	1.0200	1.0202	1.0204	1.0206
36	1.0182	1.0183	1.0185	1.0186	1.0188	1.0190	1.0192	1.0194	1.0196	1.0198
37	1.0175	1.0176	1.0178	1.0179	1.0180	1.0182	1.0184	1.0186	1.0188	1.0190
38	1.0167	1.0168	1.0170	1.0171	1.0173	1.0174	1.0176	1.0178	1.0180	1.0182
39	1.0160	1.0161	1.0163	1.0164	1.0165	1.0166	1.0168	1.0170	1.0172	1.0173
40	1.0152	1.0153	1.0155	1.0156	1.0157	1.0158	1.0160	1.0162	1.0164	1.0165
41	1.0144	1.0145	1.0147	1.0148	1.0149	1.0150	1.0152	1.0154	1.0156	1.0157
42	1.0137	1.0138	1.0139	1.0140	1.0141	1.0142	1.0144	1.0146	1.0148	1.0149
43	1.0129	1.0130	1.0132	1.0133	1.0134	1.0135	1.0136	1.0137	1.0139	1.0140
44	1.0122	1.0123	1.0124	1.0125	1.0126	1.0127	1.0128	1.0129	1.0131	1.0132

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	80	81	82	83	84	85	86	87	88	89
	Volume at 60° F. occupied by unit volume at indicated temperature.									
45	1.0114	1.0115	1.0116	1.0117	1.0118	1.0119	1.0120	1.0121	1.0123	1.0124
46	1.0106	1.0107	1.0108	1.0109	1.0110	1.0111	1.0112	1.0113	1.0115	1.0116
47	1.0099	1.0099	1.0100	1.0101	1.0102	1.0103	1.0104	1.0105	1.0107	1.0108
48	1.0091	1.0092	1.0093	1.0094	1.0095	1.0095	1.0096	1.0097	1.0098	1.0099
49	1.0084	1.0084	1.0085	1.0086	1.0087	1.0087	1.0088	1.0089	1.0090	1.0091
50	1.0076	1.0076	1.0077	1.0078	1.0079	1.0079	1.0080	1.0081	1.0082	1.0083
51	1.0068	1.0068	1.0069	1.0070	1.0071	1.0071	1.0072	1.0073	1.0074	1.0075
52	1.0061	1.0061	1.0062	1.0062	1.0063	1.0063	1.0064	1.0065	1.0066	1.0066
53	1.0053	1.0053	1.0054	1.0055	1.0056	1.0056	1.0056	1.0056	1.0057	1.0058
54	1.0046	1.0046	1.0047	1.0047	1.0048	1.0048	1.0048	1.0048	1.0049	1.0049
55	1.0038	1.0038	1.0039	1.0039	1.0040	1.0040	1.0040	1.0040	1.0041	1.0041
56	1.0030	1.0030	1.0031	1.0031	1.0032	1.0032	1.0032	1.0032	1.0033	1.0033
57	1.0023	1.0023	1.0023	1.0023	1.0024	1.0024	1.0024	1.0024	1.0025	1.0025
58	1.0015	1.0015	1.0016	1.0016	1.0016	1.0016	1.0016	1.0016	1.0016	1.0016
59	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008	1.0008	1.0006	1.0008
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9992	.9992	.9992	.9992	.9992	.9992	.9992	.9992	.9992	.9992
62	.9985	.9985	.9984	.9984	.9984	.9984	.9984	.9984	.9984	.9984
63	.9977	.9977	.9977	.9977	.9977	.9977	.9976	.9976	.9975	.9975
64	.9970	.9970	.9969	.9969	.9969	.9969	.9968	.9968	.9967	.9967
65	.9962	.9962	.9961	.9961	.9961	.9961	.9960	.9960	.9959	.9959
66	.9954	.9954	.9953	.9953	.9953	.9953	.9952	.9952	.9951	.9951
67	.9947	.9946	.9945	.9945	.9945	.9945	.9944	.9944	.9943	.9942
68	.9939	.9939	.9938	.9938	.9937	.9936	.9935	.9935	.9934	.9934
69	.9932	.9931	.9930	.9930	.9929	.9928	.9927	.9927	.9926	.9925
70	.9924	.9923	.9922	.9922	.9921	.9920	.9919	.9919	.9918	.9917
71	.9916	.9915	.9914	.9914	.9913	.9912	.9911	.9911	.9910	.9909
72	.9908	.9907	.9906	.9906	.9905	.9904	.9903	.9903	.9902	.9901
73	.9901	.9900	.9899	.9898	.9897	.9896	.9895	.9894	.9893	.9892
74	.9893	.9892	.9891	.9890	.9889	.9888	.9887	.9886	.9885	.9884
75	.9885	.9884	.9883	.9882	.9881	.9880	.9879	.9878	.9877	.9876
76	.9877	.9876	.9875	.9874	.9873	.9872	.9871	.9870	.9869	.9868
77	.9870	.9869	.9867	.9866	.9865	.9864	.9863	.9862	.9860	.9859
78	.9862	.9861	.9860	.9859	.9857	.9856	.9854	.9853	.9852	.9851
79	.9855	.9854	.9852	.9851	.9849	.9848	.9846	.9845	.9843	.9842
80	.9847	.9846	.9844	.9843	.9841	.9840	.9838	.9837	.9835	.9834
81	.9839	.9838	.9836	.9835	.9833	.9832	.9830	.9829	.9827	.9825
82	.9832	.9830	.9828	.9827	.9825	.9824	.9822	.9821	.9819	.9817
83	.9824	.9823	.9821	.9820	.9818	.9816	.9814	.9812	.9810	.9808
84	.9817	.9815	.9813	.9812	.9810	.9808	.9806	.9804	.9802	.9800
85	.9809	.9807	.9805	.9804	.9802	.9800	.9798	.9796	.9794	.9792
86	.9801	.9799	.9797	.9796	.9794	.9792	.9790	.9788	.9786	.9784
87	.9793	.9791	.9789	.9788	.9786	.9784	.9782	.9780	.9778	.9775
88	.9786	.9784	.9782	.9780	.9778	.9776	.9773	.9771	.9769	.9767
89	.9778	.9776	.9774	.9772	.9770	.9768	.9755	.9763	.9761	.9758
90	.9770	.9768	.9766	.9764	.9762	.9760	.9757	.9755	.9753	.9750

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	90	91	92	93	94	95	96	97	98	99
	Volume at 60° F. occupied by unit volume at indicated temperature.									
0	1.0496	1.0501	1.0506	1.0511	1.0516	1.0521	1.0526	1.0531	1.0536	1.0541
1	1.0488	1.0493	1.0498	1.0503	1.0508	1.0512	1.0517	1.0522	1.0527	1.0532
2	1.0480	1.0484	1.0489	1.0494	1.0499	1.0504	1.0509	1.0513	1.0518	1.0523
3	1.0471	1.0476	1.0481	1.0486	1.0491	1.0495	1.0500	1.0505	1.0510	1.0515
4	1.0463	1.0467	1.0472	1.0477	1.0482	1.0487	1.0492	1.0496	1.0501	1.0506
5	1.0455	1.0459	1.0464	1.0469	1.0474	1.0478	1.0483	1.0487	1.0492	1.0497
6	1.0447	1.0451	1.0456	1.0460	1.0465	1.0469	1.0474	1.0478	1.0483	1.0488
7	1.0439	1.0443	1.0447	1.0452	1.0457	1.0461	1.0466	1.0470	1.0474	1.0479
8	1.0430	1.0434	1.0439	1.0443	1.0448	1.0452	1.0457	1.0461	1.0466	1.0470
9	1.0422	1.0426	1.0430	1.0435	1.0440	1.0444	1.0449	1.0453	1.0457	1.0461
10	1.0414	1.0418	1.0422	1.0426	1.0431	1.0435	1.0440	1.0444	1.0448	1.0452
11	1.0406	1.0410	1.0414	1.0418	1.0423	1.0427	1.0431	1.0435	1.0439	1.0443
12	1.0398	1.0402	1.0406	1.0410	1.0414	1.0418	1.0423	1.0426	1.0430	1.0434
13	1.0389	1.0393	1.0397	1.0401	1.0406	1.0410	1.0414	1.0418	1.0422	1.0426
14	1.0381	1.0385	1.0389	1.0393	1.0397	1.0401	1.0406	1.0409	1.0413	1.0417
15	1.0373	1.0377	1.0381	1.0385	1.0389	1.0393	1.0397	1.0400	1.0404	1.0408
16	1.0365	1.0369	1.0373	1.0376	1.0380	1.0384	1.0388	1.0391	1.0395	1.0399
17	1.0357	1.0360	1.0364	1.0368	1.0372	1.0375	1.0379	1.0382	1.0386	1.0390
18	1.0348	1.0352	1.0356	1.0359	1.0363	1.0367	1.0371	1.0374	1.0378	1.0381
19	1.0340	1.0343	1.0347	1.0351	1.0355	1.0358	1.0362	1.0365	1.0369	1.0372
20	1.0332	1.0335	1.0339	1.0342	1.0346	1.0349	1.0353	1.0356	1.0360	1.0363
21	1.0324	1.0327	1.0331	1.0334	1.0337	1.0340	1.0344	1.0347	1.0351	1.0354
22	1.0316	1.0319	1.0322	1.0325	1.0329	1.0332	1.0335	1.0338	1.0342	1.0345
23	1.0307	1.0310	1.0314	1.0317	1.0320	1.0323	1.0327	1.0330	1.0333	1.0336
24	1.0299	1.0302	1.0305	1.0308	1.0312	1.0315	1.0318	1.0321	1.0324	1.0327
25	1.0291	1.0294	1.0297	1.0300	1.0303	1.0306	1.0309	1.0312	1.0315	1.0318
26	1.0283	1.0286	1.0289	1.0291	1.0294	1.0297	1.0300	1.0303	1.0306	1.0309
27	1.0275	1.0277	1.0280	1.0283	1.0286	1.0289	1.0292	1.0294	1.0297	1.0300
28	1.0266	1.0269	1.0272	1.0274	1.0277	1.0280	1.0283	1.0286	1.0289	1.0291
29	1.0258	1.0260	1.0263	1.0266	1.0269	1.0272	1.0275	1.0277	1.0280	1.0282
30	1.0250	1.0252	1.0255	1.0257	1.0260	1.0263	1.0266	1.0268	1.0271	1.0273
31	1.0242	1.0244	1.0247	1.0249	1.0251	1.0254	1.0257	1.0259	1.0262	1.0264
32	1.0234	1.0236	1.0238	1.0240	1.0243	1.0245	1.0248	1.0250	1.0253	1.0255
33	1.0225	1.0227	1.0230	1.0232	1.0234	1.0237	1.0240	1.0242	1.0244	1.0246
34	1.0217	1.0219	1.0221	1.0223	1.0226	1.0228	1.0231	1.0233	1.0235	1.0237
35	1.0209	1.0211	1.0213	1.0215	1.0217	1.0219	1.0222	1.0224	1.0226	1.0228
36	1.0201	1.0203	1.0205	1.0206	1.0208	1.0210	1.0213	1.0215	1.0217	1.0219
37	1.0192	1.0194	1.0196	1.0198	1.0200	1.0202	1.0204	1.0206	1.0208	1.0210
38	1.0184	1.0186	1.0188	1.0189	1.0191	1.0193	1.0196	1.0197	1.0199	1.0200
39	1.0175	1.0177	1.0179	1.0181	1.0183	1.0185	1.0187	1.0188	1.0190	1.0191
40	1.0167	1.0169	1.0171	1.0172	1.0174	1.0176	1.0178	1.0179	1.0181	1.0182
41	1.0159	1.0160	1.0162	1.0163	1.0165	1.0167	1.0169	1.0170	1.0172	1.0173
42	1.0150	1.0152	1.0154	1.0155	1.0157	1.0158	1.0160	1.0161	1.0163	1.0164
43	1.0142	1.0143	1.0145	1.0146	1.0148	1.0149	1.0151	1.0152	1.0154	1.0155
44	1.0133	1.0135	1.0137	1.0138	1.0140	1.0141	1.0142	1.0143	1.0145	1.0146

TABLE 2.—Volume at 60° F. Occupied by Unit Volume at Indicated Temperature—Continued.

Observed temperature in °F.	Degrees A. P. I. at 60° F.									
	90	91	92	93	94	95	96	97	98	99
	Volume at 60° F. occupied by unit volume at indicated temperature.									
45	1.0125	1.0126	1.0128	1.0129	1.0131	1.0132	1.0133	1.0134	1.0136	1.0137
46	1.0117	1.0118	1.0119	1.0120	1.0122	1.0123	1.0124	1.0125	1.0127	1.0128
47	1.0109	1.0110	1.0111	1.0112	1.0113	1.0114	1.0115	1.0116	1.0118	1.0119
48	1.0100	1.0101	1.0102	1.0103	1.0105	1.0106	1.0107	1.0108	1.0109	1.0109
49	1.0092	1.0093	1.0094	1.0095	1.0096	1.0097	1.0098	1.0099	1.0100	1.0100
50	1.0084	1.0084	1.0085	1.0086	1.0087	1.0088	1.0089	1.0090	1.0091	1.0091
51	1.0076	1.0076	1.0077	1.0077	1.0078	1.0079	1.0080	1.0081	1.0082	1.0082
52	1.0067	1.0067	1.0068	1.0069	1.0070	1.0070	1.0071	1.0072	1.0073	1.0073
53	1.0059	1.0059	1.0060	1.0060	1.0061	1.0062	1.0062	1.0063	1.0063	1.0063
54	1.0050	1.0050	1.0051	1.0052	1.0053	1.0053	1.0054	1.0054	1.0054	1.0054
55	1.0042	1.0042	1.0043	1.0043	1.0044	1.0044	1.0045	1.0045	1.0045	1.0045
56	1.0034	1.0034	1.0034	1.0034	1.0035	1.0035	1.0036	1.0036	1.0036	1.0036
57	1.0025	1.0025	1.0026	1.0026	1.0026	1.0026	1.0027	1.0027	1.0027	1.0027
58	1.0017	1.0017	1.0017	1.0017	1.0018	1.0018	1.0018	1.0018	1.0018	1.0018
59	1.0008	1.0008	1.0009	1.0009	1.0009	1.0009	1.0009	1.0009	1.0009	1.0009
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
61	.9992	.9992	9991	.9991	.9991	.9991	.9991	.9991	.9991	.9991
62	.9983	.9983	.9983	.9983	.9982	.9982	.9982	.9982	.9982	.9982
63	.9975	.9975	.9974	.9974	.9974	.9974	.9973	.9973	.9972	.9972
64	.9966	.9966	.9966	.9966	.9965	.9965	.9964	.9964	.9963	.9963
65	0.9958	.9958	0.9957	.9957	0.9956	.9956	0.9955	.9955	0.9954	.9954
66	.9950	.9949	.9948	.9948	.9947	.9947	.9946	.9946	.9945	.9945
67	.9941	.9941	.9940	.9940	.9939	.9938	.9937	.9937	.9936	.9936
68	.9933	.9932	.9931	.9931	.9930	.9930	.9929	.9928	.9927	.9927
69	.9924	.9924	.9923	.9923	.9922	.9921	.9920	.9919	.9918	.9917
70	.9916	.9915	.9914	.9914	.9913	.9912	.9911	.9910	.9909	.9908
71	.9908	.9907	.9905	.9905	.9904	.9903	.9902	.9901	.9900	.9899
72	.9899	.9898	.9897	.9896	.9895	.9894	.9893	.9892	.9891	.9890
73	.9891	.9890	.9888	.9888	.9887	.9886	.9884	.9883	.9881	.9880
74	.9882	.9881	.9880	.9879	.9878	.9877	.9875	.9874	.9872	.9871
75	.9874	.9873	.9871	.9870	.9869	.9868	.9866	.9865	.9863	.9862
76	.9866	.9864	.9862	.9861	.9860	.9859	.9857	.9856	.9854	.9853
77	.9857	.9856	.9854	.9853	.9851	.9850	.9848	.9847	.9845	.9844
78	.9849	.9847	.8945	.9844	.9843	.9841	.9839	.9838	.9836	.9835
79	.9840	.9839	.9837	.9836	.9834	.9832	.9830	.9829	.9827	.9825
80	.9832	.9830	.9828	.9827	.9825	.9823	.9821	.9820	.9818	.9816
81	.9823	.9821	.9819	.9818	.9816	.9814	.9812	.9811	.9809	.9807
82	.9815	.9813	.9811	.9809	.9807	.9805	.9803	.9802	.9800	.9798
83	.9806	.9804	.9802	.9801	.9799	.9797	.9794	.9792	.9790	.9788
84	.9798	.9796	.9794	.9792	.9790	.9788	.9785	.9783	.9781	.9779
85	.9789	.9787	.9785	.9783	.9781	.9779	.9776	.9774	.9772	.9770
86	.9781	.9779	.9776	.9774	.9772	.9770	.9767	.9765	.9763	.9761
87	.9772	.9770	.9768	.9766	.9763	.9761	.9758	.9756	.9754	.9751
88	.9764	.9762	.9759	.9757	.9754	.9752	.9749	.9747	.9744	.9742
89	.9755	.9753	.9751	.9748	.9745	.9743	.9740	.9738	.9735	.9732
90	.9747	.9745	.9742	.9739	.9736	.9734	.9731	.9729	.9726	.9723

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.

[This table shows the specific gravity at 60°/60° F. of oils having, at the observed temperatures, the specific gravity indicated. For example, if the observed specific gravity at 95° F. is 0.740 the specific gravity at 60°/60° F. will be 0.7553. Intermediate values can be conveniently interpolated. For example, if the observed specific gravity at 95° F. is 0.7405 the specific gravity at 60°/60° F. will be 0.7558. 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 for instrumental errors. (This table is so computed as to take into account the thermal expansion of the glass of which the hydrometer is made.)]

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.

Observed temperature in °F.	Observed specific gravity.									
	0.600	0.601	0.602	0.603	0.604	0.605	0.606	0.607	0.608	0.609
	Corresponding specific gravities at 60°/60° F.									
0	0.5634	0.5645	0.5656	0.5666	0.5677	0.5688	0.5699	0.5709	0.5720	0.5732
1	.5641	.5652	.5663	.5673	.5684	.5695	.5706	.5716	.5727	.5738
2	.5648	.5659	.5669	.5680	.5691	.5702	.5712	.5723	.5734	.5745
3	.5654	.5665	.5675	.5686	.5697	.5708	.5718	.5729	.5740	.5751
4	.5660	.5671	.5682	.5693	.5704	.5714	.5725	.5735	.5746	.5757
5	.5667	.5678	.5688	.5699	.5710	.5720	.5731	.5741	.5752	.5763
6	.5673	.5684	.5694	.5705	.5716	.5726	.5737	.5747	.5758	.5769
7	.5680	.5690	.5701	.5711	.5722	.5732	.5743	.5753	.5764	.5775
8	.5686	.5696	.5707	.5717	.5728	.5738	.5749	.5759	.5770	.5781
9	.5692	.5703	.5714	.5724	.5735	.5745	.5756	.5766	.5777	.5787
10	.5699	.5710	.5720	.5731	.5741	.5752	.5762	.5773	.5783	.5794
11	.5705	.5716	.5726	.5737	.5747	.5758	.5768	.5779	.5789	.5800
12	.5712	.5722	.5733	.5743	.5754	.5764	.5775	.5785	.5796	.5806
13	.5718	.5728	.5739	.5749	.5760	.5770	.5781	.5791	.5802	.5812
14	.5724	.5734	.5745	.5755	.5766	.5776	.5787	.5797	.5808	.5818
15	.5730	.5741	.5751	.5762	.5772	.5783	.5793	.5804	.5814	.5825
16	.5736	.5747	.5757	.5768	.5778	.5789	.5799	.5810	.5820	.5831
17	.5743	.5754	.5764	.5775	.5785	.5796	.5806	.5817	.5827	.5838
18	.5749	.5760	.5770	.5781	.5791	.5802	.5812	.5823	.5833	.5844
19	.5756	.5766	.5777	.5787	.5798	.5808	.5819	.5829	.5840	.5850
20	.5762	.5772	.5783	.5793	.5804	.5814	.5825	.5835	.5846	.5856
21	.5768	.5778	.5789	.5799	.5810	.5820	.5831	.5841	.5852	.5862
22	.5774	.5784	.5795	.5805	.5816	.5826	.5837	.5847	.5858	.5868
23	.5780	.5790	.5801	.5811	.5822	.5832	.5843	.5853	.5864	.5874
24	.5786	.5797	.5807	.5818	.5828	.5838	.5849	.5859	.5869	.5880
25	.5792	.5803	.5813	.5824	.5834	.5844	.5855	.5865	.5875	.5886
26	.5798	.5809	.5819	.5830	.5840	.5850	.5861	.5871	.5881	.5892
27	.5804	.5815	.5825	.5836	.5846	.5856	.5867	.5877	.5887	.5898
28	.5810	.5821	.5831	.5842	.5852	.5862	.5873	.5883	.5893	.5904
29	.5816	.5827	.5837	.5848	.5858	.5868	.5879	.5889	.5899	.5910
30	.5822	.5833	.5843	.5854	.5864	.5874	.5885	.5895	.5905	.5916
31	.5829	.5839	.5849	.5860	.5870	.5880	.5891	.5901	.5911	.5922
32	.5835	.5845	.5856	.5866	.5876	.5886	.5897	.5907	.5917	.5928
33	.5842	.5852	.5862	.5872	.5883	.5893	.5903	.5913	.5924	.5934
34	.5848	.5858	.5868	.5878	.5889	.5899	.5909	.5920	.5930	.5940
35	.5854	.5864	.5874	.5884	.5895	.5905	.5915	.5926	.5936	.5946
36	.5860	.5870	.5880	.5890	.5901	.5911	.5921	.5932	.5942	.5952
37	.5866	.5876	.5886	.5896	.5907	.5917	.5927	.5938	.5948	.5958
38	.5872	.5882	.5892	.5902	.5913	.5923	.5933	.5944	.5954	.5964
39	.5878	.5888	.5898	.5908	.5919	.5929	.5939	.5950	.5960	.5970
40	.5884	.5894	.5904	.5914	.5925	.5935	.5945	.5956	.5966	.5976
41	.5889	.5899	.5909	.5919	.5930	.5940	.5950	.5961	.5971	.5981
42	.5895	.5905	.5915	.5925	.5936	.5946	.5956	.5966	.5977	.5987
43	.5901	.5911	.5921	.5931	.5942	.5952	.5962	.5972	.5983	.5993
44	.5907	.5917	.5927	.5937	.5948	.5958	.5968	.5978	.5989	.5999

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	0.600	0.601	0.602	0.603	0.604	0.605	0.606	0.607	0.608	0.609
	Corresponding specific gravities at 60°/60° F.									
45	0.5913	0.5923	0.5933	0.5943	0.5953	0.5964	0.5974	0.5984	0.5994	0.6004
46	.5919	.5929	.5939	.5949	.5959	.5970	.5980	.5990	.6000	.6010
47	.5925	.5935	.5945	.5955	.5965	.5976	.5986	.5996	.6006	.6016
48	.5930	.5940	.5950	.5961	.5971	.5981	.5991	.6001	.6012	.6022
49	.5936	.5946	.5956	.5967	.5977	.5987	.5997	.6007	.6018	.6028
50	.5942	.5952	.5962	.5973	.5983	.5993	.6003	.6013	.6024	.6034
51	.5947	.5957	.5967	.5978	.5988	.5998	.6008	.6019	.6029	.6039
52	.5953	.5963	.5973	.5983	.5993	.6004	.6014	.6024	.6034	.6044
53	.5959	.5969	.5979	.5989	.5999	.6010	.6020	.6030	.6040	.6050
54	.5965	.5975	.5985	.5995	.6005	.6016	.6026	.6036	.6046	.6056
55	.5971	.5981	.5991	.6001	.6011	.6022	.6032	.6042	.6052	.6062
56	.5977	.5987	.5997	.6007	.6017	.6027	.6037	.6047	.6057	.6067
57	.5983	.5993	.6003	.6013	.6023	.6033	.6043	.6053	.6063	.6073
58	.5989	.5999	.6009	.6019	.6029	.6039	.6049	.6059	.6069	.6079
59	.5994	.6004	.6014	.6024	.6034	.6044	.6054	.6064	.6074	.6084
60	.6000	.6010	.6020	.6030	.6040	.6050	.6060	.6070	.6080	.6090
61	.6006	.6016	.6026	.6036	.6046	.6056	.6066	.6076	.6086	.6096
62	.6012	.6022	.6032	.6042	.6052	.6061	.6071	.6081	.6091	.6101
63	.6018	.6028	.6038	.6048	.6058	.6067	.6077	.6087	.6097	.6107
64	.6024	.6034	.6044	.6054	.6064	.6073	.6083	.6093	.6103	.6113
65	.6029	.6039	.6049	.6059	.6069	.6078	.6088	.6098	.6108	.6118
66	.6034	.6044	.6054	.6064	.6074	.6083	.6093	.6103	.6113	.6123
67	.6040	.6050	.6060	.6070	.6080	.6089	.6099	.6109	.6119	.6129
68	.6045	.6055	.6065	.6075	.6085	.6094	.6104	.6114	.6124	.6134
69	.6051	.6061	.6071	.6081	.6091	.6100	.6110	.6120	.6130	.6140
70	.6057	.6067	.6077	.6087	.6096	.6106	.6116	.6126	.6135	.6145
71	.6063	.6073	.6083	.6093	.6102	.6112	.6122	.6132	.6141	.6151
72	.6068	.6078	.6088	.6098	.6107	.6117	.6127	.6137	.6146	.6156
73	.6074	.6084	.6094	.6104	.6113	.6123	.6133	.6142	.6152	.6162
74	.6080	.6090	.6100	.6110	.6119	.6129	.6139	.6148	.6158	.6168
75	.6085	.6095	.6105	.6115	.6124	.6134	.6144	.6153	.6163	.6173
76	.6090	.6100	.6110	.6120	.6129	.6139	.6149	.6159	.6168	.6178
77	.6096	.6106	.6115	.6125	.6135	.6144	.6154	.6164	.6173	.6183
78	.6101	.6111	.6121	.6131	.6140	.6150	.6160	.6170	.6179	.6189
79	.6106	.6116	.6126	.6136	.6145	.6155	.6165	.6175	.6184	.6194
80	.6112	.6122	.6132	.6142	.6151	.6161	.6171	.6181	.6190	.6200
81	.6117	.6127	.6137	.6147	.6156	.6166	.6176	.6186	.6195	.6205
82	.6123	.6133	.6143	.6152	.6162	.6172	.6181	.6191	.6201	.6210
83	.6129	.6139	.6149	.6158	.6168	.6178	.6187	.6197	.6207	.6216
84	.6135	.6145	.6155	.6164	.6174	.6183	.6193	.6203	.6212	.6222
85	.6140	.6150	.6160	.6169	.6179	.6188	.6198	.6208	.6217	.6227
86	.6145	.6155	.6165	.6174	.6184	.6193	.6203	.6213	.6222	.6232
87	.6150	.6160	.6170	.6179	.6189	.6198	.6208	.6218	.6227	.6237
88	.6155	.6165	.6175	.6184	.6194	.6203	.6213	.6223	.6232	.6242
89	.6161	.6171	.6181	.6190	.6200	.6209	.6219	.6229	.6238	.6248
90	.6166	.6176	.6186	.6195	.6205	.6214	.6224	.6234	.6243	.6253

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.5742	0.5753	0.5764	0.5774	0.5785	0.5796	0.5806	0.5817	0.5827	0.5838
1	.5749	.5760	.5771	.5781	.5792	.5802	.5813	.5823	.5834	.5845
2	.5755	.5766	.5777	.5787	.5798	.5808	.5819	.5829	.5840	.5851
3	.5761	.5772	.5783	.5793	.5804	.5814	.5825	.5835	.5846	.5857
4	.5767	.5778	.5789	.5799	.5810	.5820	.5831	.5841	.5852	.5863
5	.5773	.5784	.5795	.5806	.5816	.5827	.5837	.5848	.5859	.5869
6	.5780	.5791	.5801	.5812	.5822	.5833	.5843	.5854	.5865	.5875
7	.5786	.5797	.5807	.5818	.5828	.5839	.5849	.5860	.5871	.5881
8	.5792	.5803	.5813	.5824	.5834	.5845	.5855	.5866	.5877	.5888
9	.5798	.5809	.5819	.5830	.5840	.5851	.5861	.5872	.5883	.5894
10	.5805	.5816	.5826	.5837	.5847	.5858	.5868	.5879	.5890	.5900
11	.5811	.5822	.5832	.5843	.5853	.5864	.5874	.5885	.5896	.5906
12	.5817	.5828	.5838	.5849	.5859	.5870	.5880	.5891	.5902	.5912
13	.5823	.5834	.5844	.5855	.5865	.5876	.5886	.5897	.5908	.5918
14	.5829	.5840	.5850	.5861	.5871	.5882	.5892	.5903	.5914	.5924
15	.5836	.5846	.5857	.5867	.5878	.5888	.5899	.5909	.5920	.5930
16	.5842	.5852	.5863	.5873	.5884	.5894	.5905	.5915	.5926	.5936
17	.5848	.5858	.5869	.5879	.5890	.5900	.5911	.5921	.5932	.5942
18	.5854	.5864	.5875	.5885	.5896	.5906	.5917	.5927	.5938	.5948
19	.5861	.5871	.5882	.5892	.5903	.5913	.5924	.5934	.5945	.5955
20	.5867	.5877	.5888	.5898	.5909	.5919	.5930	.5940	.5951	.5961
21	.5873	.5883	.5894	.5904	.5915	.5925	.5935	.5946	.5956	.5967
22	.5879	.5889	.5900	.5910	.5921	.5931	.5941	.5952	.5962	.5973
23	.5885	.5895	.5905	.5916	.5926	.5936	.5947	.5957	.5967	.5978
24	.5890	.5900	.5911	.5921	.5932	.5942	.5952	.5963	.5973	.5984
25	.5896	.5906	.5917	.5927	.5938	.5948	.5958	.5969	.5979	.5990
26	.5902	.5912	.5923	.5933	.5944	.5954	.5964	.5975	.5985	.5996
27	.5908	.5918	.5929	.5939	.5950	.5960	.5970	.5981	.5991	.6002
28	.5914	.5924	.5935	.5945	.5956	.5966	.5976	.5987	.5997	.6008
29	.5920	.5930	.5941	.5951	.5962	.5972	.5982	.5993	.6003	.6014
30	.5926	.5936	.5947	.5957	.5968	.5978	.5988	.5999	.6009	.6020
31	.5932	.5942	.5953	.5963	.5974	.5984	.5994	.6005	.6015	.6026
32	.5938	.5948	.5959	.5969	.5979	.5989	.6000	.6010	.6021	.6031
33	.5944	.5954	.5964	.5975	.5985	.5995	.6006	.6016	.6026	.6037
34	.5950	.5960	.5970	.5981	.5991	.6001	.6012	.6022	.6032	.6043
35	.5956	.5966	.5976	.5987	.5997	.6007	.6018	.6028	.6038	.6049
36	.5962	.5972	.5982	.5993	.6003	.6013	.6024	.6034	.6044	.6055
37	.5968	.5978	.5988	.5998	.6008	.6019	.6029	.6039	.6049	.6060
38	.5974	.5984	.5994	.6004	.6014	.6025	.6035	.6045	.6055	.6066
39	.5980	.5990	.6000	.6010	.6020	.6031	.6041	.6051	.6061	.6072
40	.5986	.5996	.6006	.6016	.6026	.6037	.6047	.6057	.6067	.6078
41	.5991	.6001	.6011	.6022	.6032	.6042	.6053	.6063	.6073	.6084
42	.5997	.6007	.6017	.6027	.6037	.6048	.6058	.6068	.6079	.6089
43	.6003	.6013	.6023	.6033	.6043	.6054	.6064	.6074	.6085	.6095
44	.6009	.6019	.6029	.6039	.6049	.6060	.6070	.6080	.6091	.6101

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
45	0.6014	0.6024	0.6034	0.6044	0.6055	0.6065	0.6075	0.6085	0.6096	0.6106
46	.6020	.6030	.6040	.6050	.6061	.6071	.6081	.6091	.6102	.6112
47	.6026	.6036	.6046	.6056	.6066	.6077	.6087	.6097	.6107	.6117
48	.6032	.6042	.6052	.6062	.6072	.6083	.6093	.6103	.6113	.6123
49	.6038	.6048	.6058	.6068	.6078	.6089	.6099	.6109	.6119	.6129
50	.6044	.6054	.6064	.6074	.6084	.6095	.6105	.6115	.6125	.6135
51	.6049	.6059	.6069	.6079	.6089	.6100	.6110	.6120	.6130	.6140
52	.6054	.6064	.6074	.6084	.6094	.6105	.6115	.6125	.6135	.6145
53	.6060	.6070	.6080	.6090	.6100	.6111	.6121	.6131	.6141	.6151
54	.6066	.6076	.6086	.6096	.6106	.6116	.6126	.6136	.6146	.6156
55	.6072	.6082	.6092	.6102	.6112	.6122	.6132	.6142	.6152	.6162
56	.6077	.6087	.6097	.6107	.6117	.6128	.6138	.6148	.6158	.6168
57	.6083	.6093	.6103	.6113	.6123	.6133	.6143	.6153	.6163	.6173
58	.6089	.6099	.6109	.6119	.6129	.6139	.6149	.6159	.6169	.6179
59	.6094	.6104	.6114	.6124	.6134	.6144	.6154	.6164	.6174	.6184
60	.6100	.6110	.6120	.6130	.6140	.6150	.6160	.6170	.6180	.6190
61	.6106	.6116	.6126	.6136	.6146	.6155	.6165	.6175	.6185	.6195
62	.6111	.6121	.6131	.6141	.6151	.6160	.6170	.6180	.6190	.6200
63	.6117	.6127	.6137	.6147	.6157	.6166	.6176	.6186	.6196	.6206
64	.6123	.6133	.6143	.6153	.6163	.6172	.6182	.6192	.6202	.6212
65	.6128	.6138	.6148	.6158	.6168	.6177	.6187	.6197	.6207	.6217
66	.6133	.6143	.6153	.6163	.6173	.6183	.6193	.6203	.6213	.6223
67	.6139	.6149	.6159	.6169	.6179	.6188	.6198	.6208	.6218	.6228
68	.6144	.6154	.6164	.6174	.6184	.6193	.6203	.6213	.6223	.6233
69	.6150	.6160	.6170	.6180	.6190	.6199	.6209	.6219	.6229	.6239
70	.6155	.6165	.6175	.6185	.6195	.6204	.6214	.6224	.6234	.6244
71	.6161	.6171	.6181	.6191	.6201	.6210	.6220	.6230	.6240	.6250
72	.6166	.6176	.6186	.6196	.6206	.6215	.6225	.6235	.6245	.6255
73	.6172	.6182	.6192	.6201	.6211	.6221	.6231	.6241	.6250	.6260
74	.6178	.6188	.6198	.6207	.6217	.6227	.6237	.6247	.6256	.6266
75	.6183	.6193	.6203	.6212	.6222	.6232	.6242	.6252	.6261	.6271
76	.6188	.6198	.6208	.6218	.6227	.6237	.6247	.6257	.6266	.6276
77	.6193	.6203	.6213	.6223	.6233	.6242	.6252	.6262	.6272	.6282
78	.6199	.6209	.6219	.6229	.6238	.6248	.6258	.6268	.6278	.6287
79	.6204	.6214	.6224	.6234	.6243	.6253	.6263	.6273	.6283	.6292
80	.6210	.6220	.6230	.6240	.6249	.6259	.6269	.6279	.6289	.6298
81	.6215	.6225	.6235	.6245	.6254	.6264	.6274	.6284	.6294	.6303
82	.6220	.6230	.6240	.6250	.6259	.6269	.6279	.6289	.6299	.6308
83	.6226	.6236	.6245	.6255	.6265	.6274	.6284	.6294	.6304	.6313
84	.6232	.6242	.6251	.6261	.6271	.6280	.6290	.6300	.6310	.6319
85	.6237	.6247	.6256	.6266	.6276	.6285	.6295	.6305	.6315	.6324
86	.6242	.6252	.6262	.6271	.6281	.6291	.6300	.6310	.6320	.6329
87	.6247	.6257	.6267	.6277	.6287	.6296	.6306	.6316	.6326	.6335
88	.6252	.6262	.6272	.6282	.6292	.6301	.6311	.6321	.6331	.6340
89	.6258	.6268	.6278	.6287	.6297	.6307	.6316	.6326	.6336	.6345
90	.6263	.6273	.6283	.6292	.6302	.6312	.6321	.6331	.6341	.6350

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.5849	0.5859	0.5870	0.5881	0.5892	0.5903	0.5914	0.5924	0.5935	0.5946
1	.5856	.5866	.5877	.5888	.5899	.5910	.5920	.5931	.5942	.5953
2	.5862	.5872	.5883	.5894	.5905	.5916	.5926	.5937	.5948	.5959
3	.5868	.5878	.5889	.5900	.5911	.5922	.5932	.5943	.5954	.5965
4	.5874	.5884	.5895	.5906	.5917	.5928	.5938	.5949	.5960	.5971
5	.5880	.5891	.5901	.5912	.5923	.5934	.5944	.5955	.5965	.5976
6	.5886	.5897	.5907	.5918	.5929	.5940	.5950	.5961	.5971	.5982
7	.5892	.5903	.5913	.5924	.5935	.5946	.5956	.5967	.5977	.5988
8	.5899	.5909	.5920	.5930	.5941	.5952	.5962	.5973	.5984	.5994
9	.5905	.5915	.5926	.5936	.5947	.5958	.5968	.5979	.5990	.6000
10	.5911	.5921	.5932	.5942	.5953	.5964	.5974	.5985	.5996	.6006
11	.5917	.5927	.5938	.5948	.5959	.5969	.5980	.5991	.6002	.6012
12	.5923	.5933	.5944	.5954	.5965	.5975	.5986	.5997	.6008	.6018
13	.5929	.5939	.5950	.5960	.5971	.5981	.5992	.6003	.6014	.6024
14	.5935	.5945	.5956	.5966	.5977	.5987	.5998	.6009	.6020	.6030
15	.5941	.5951	.5962	.5972	.5983	.5993	.6004	.6015	.6026	.6036
16	.5947	.5957	.5968	.5978	.5989	.5999	.6010	.6021	.6032	.6042
17	.5953	.5963	.5974	.5984	.5995	.6005	.6016	.6027	.6038	.6048
18	.5959	.5969	.5980	.5990	.6001	.6011	.6022	.6033	.6044	.6054
19	.5966	.5976	.5987	.5997	.6008	.6018	.6029	.6039	.6050	.6060
20	.5972	.5982	.5993	.6003	.6014	.6024	.6035	.6045	.6056	.6066
21	.5977	.5987	.5998	.6008	.6019	.6029	.6040	6050	6061	.6072
22	.5983	.5993	.6004	.6014	.6025	.6035	.6046	.6056	.6067	.6078
23	.5989	.5999	.6010	.6020	.6031	.6041	.6052	.6062	.6073	.6083
24	.5994	.6004	.6015	.6025	.6036	.6046	.6057	.6067	.6078	.6088
25	.6000	.6010	.6021	.6031	.6042	.6052	.6063	.6073	.6084	.6094
26	.6006	.6016	.6027	.6037	.6048	.6058	.6069	.6079	.6090	.6100
27	.6012	.6022	.6033	.6043	.6054	.6064	.6075	.6085	.6096	.6106
28	.6018	.6028	.6038	.6049	.6059	.6070	.6080	.6090	.6101	.6111
29	.6024	.6034	.6044	.6055	.6065	.6076	.6086	.6096	.6107	.6117
30	.6030	.6040	.6050	.6061	.6071	.6082	.6092	.6102	.6113	.6123
31	.6036	.6046	.6056	.6067	.6077	.6088	.6098	.6108	.6119	.6129
32	.6042	.6052	.6062	.6073	.6083	.6094	.6104	.6114	.6125	.6135
33	.6047	.6057	.6067	.6078	.6088	.6099	.6109	.6119	.6130	.6140
34	.6053	.6063	.6073	.6084	.6094	.6104	.6114	.6124	.6135	.6146
35	.6059	.6069	.6079	.6090	.6100	.6110	.6120	.6130	.6141	.6152
36	.6065	.6075	.6085	.6096	.6106	.6116	.6126	.6136	.6147	.6158
37	.6070	.6080	.6090	.6101	.6111	.6121	.6132	.6142	.6152	.6163
38	.6076	.6086	.6096	.6107	.6117	.6127	.6138	.6148	.6158	.6169
39	.6082	.6092	.6102	.6113	.6123	.6133	.6144	.6154	.6164	.6175
40	.6088	.6098	.6108	.6118	.6129	.6139	.6149	.6159	.6170	.6180
41	.6094	.6104	.6114	.6124	.6135	.6145	.6155	.6165	.6176	.6186
42	.6099	.6109	.6119	.6129	.6140	.6150	.6160	.6170	.6181	.6190
43	.6105	.6115	.6125	.6135	.6146	.6156	.6166	.6176	.6186	.6197
44	.6111	.6121	.6131	.6141	.6152	.6162	.6172	.6182	.6192	.6203

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
45	0.6116	0.6126	0.6136	0.6147	0.6157	[illegible]167	0.6177	0.6187	0.6198	0.6208
46	.6122	.6132	.6142	.6153	.6163	.6173	.6183	.6193	.6204	.6214
47	.6127	.6137	.6147	.6158	.6168	.6178	.6188	.6198	.6209	.6219
48	.6133	.6143	.6153	.6164	.6174	.6184	.6194	.6204	.6215	.6225
49	.6139	.6149	.6159	.6169	.6179	.6190	.6200	.6210	.6220	.6230
50	.6145	.6155	.6165	.6175	.6185	.6196	.6206	.6216	.6226	.6236
51	.6150	.6160	.6170	.6180	.6190	.6201	.6211	.6221	.6231	.6241
52	.6155	.6165	.6175	.6185	.6195	.6206	.6216	.6226	.6236	.6246
53	.6161	.6170	.6180	.6190	.6200	.6211	.6221	.6231	.6241	.6251
54	.6166	.6176	.6186	.6196	.6206	.6217	.6227	.6237	.6247	.6257
55	.6172	.6182	.6192	.6202	.6212	.6223	.6233	.6243	.6253	.6263
56	.6178	.6188	.6198	.6208	.6218	.6229	.6239	.6249	.6259	.6269
57	.6183	.6193	.6203	.6213	.6223	.6234	.6244	.6254	.6264	.6274
58	.6189	.6199	.6209	.6219	.6229	.6239	.6249	.6259	.6269	.6279
59	.6194	.6204	.6214	.6224	.6234	.6244	.6254	.6264	.6274	.6284
60	.6200	.6210	.6220	.6230	.6240	.6250	.6260	.6270	.6280	.6290
61	.6205	.6215	.6225	.6235	.6245	.6255	.6265	.6275	.6285	.6295
62	.6210	.6220	.6230	.6240	.6250	.6260	.6270	.6280	.6290	.6300
63	.6216	.6226	.6236	.6246	.6256	.6266	.6276	.6286	.6296	.6306
64	.6222	.6232	.6242	.6252	.6262	.6272	.6282	.6292	.6302	.6312
65	.6227	.6237	.6247	.6257	.6267	.6277	.6287	.6297	.6307	.6317
66	.6233	.6243	.6253	.6263	.6273	.6283	.6293	.6303	.6313	.6323
67	.6238	.6248	.6258	.6268	.6278	.6288	.6298	.6308	.6318	.6328
68	.6243	.6253	.6263	.6273	.6283	.6293	.6303	.6313	.6323	.6333
69	.6249	.6259	.6269	.6279	.6289	.6298	.6308	.6318	.6328	.6338
70	.6254	.6264	.6274	.6284	.6294	.6303	.6313	.6323	.6333	.6343
71	.6260	.6270	.6280	.6290	.6300	.6309	.6319	.6329	.6339	.6349
72	.6265	.6275	.6285	.6295	.6305	.6314	.6324	.6334	.6344	.6354
73	.6270	.6280	.6290	.6300	.6310	.6319	.6329	.6339	.6349	.6359
74	.6276	.6286	.6296	.6306	.6315	.6325	.6335	.6345	.6355	.6364
75	.6281	.6291	.6301	.6311	.6320	.6330	.6340	.6350	.6360	.6369
76	.6286	.6296	.6306	.6316	.6325	.6335	.6345	.6355	.6365	.6374
77	.6292	.6302	.6312	.6321	.6331	.6341	.6351	.6361	.6370	.6380
78	.6297	.6307	.6317	.6327	.6336	.6346	.6356	.6366	.6376	.6385
79	.6302	.6312	.6322	.6332	.6341	.6351	.6361	.6371	.6381	.6390
80	.6308	.6318	.6328	.6337	.6347	.6357	.6367	.6377	.6386	.6396
81	.6313	.6323	.6333	.6342	.6352	.6362	.6372	.6382	.6391	.6401
82	.6318	.6328	.6338	.6347	.6357	.6367	.6377	.6387	.6396	.6406
83	.6323	.6333	.6343	.6352	.6362	.6372	.6382	.6392	.6401	.6411
84	.6329	.6339	.6349	.6358	.6368	.6378	.6388	.6397	.6407	.6416
85	.6334	.6344	.6354	.6363	.6373	.6383	.6393	.6402	.6412	.6421
86	.6339	.6349	.6359	.6369	.6378	.6388	.6398	.6408	.6418	.6427
87	.6345	.6355	.6365	.6374	.6384	.6394	.6403	.6413	.6423	.6432
88	.6350	.6360	.6370	.6379	.6389	.6399	.6408	.6418	.6428	.6437
89	.6355	.6365	.6375	.6384	.6394	.6404	.6413	.6423	.6433	.6442
90	.6360	.6370	.6380	.6389	.6399	.6409	.6419	.6428	.6438	.6447

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TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.5957	0.5968	0.5979	0.5990	0.6001	0.6011	0.6022	0.6033	0.6044	0.6054
1	.5963	.5974	.5985	.5995	.6006	.6017	.6027	.6038	.6049	.6059
2	.5969	.5980	.5991	.6001	.6012	.6023	.6033	.6044	.6055	.6065
3	.5975	.5986	.5997	.6007	.6018	.6029	.6039	.6050	.6061	.6071
4	.5981	.5992	.6003	.6013	.6024	.6035	.6045	.6056	.6067	.6077
5	.5987	.5998	.6008	.6019	.6030	.6040	.6051	.6061	.6072	.6083
6	.5993	.6004	.6014	.6025	.6036	.6046	.6057	.6067	.6078	.6089
7	.5999	.6010	.6020	.6031	.6042	.6052	.6063	.6073	.6084	.6095
8	.6005	.6016	.6026	.6037	.6048	.6058	.6069	.6079	.6090	.6101
9	.6011	.6022	.6032	.6043	.6054	.6064	.6075	.6085	.6096	.6107
10	.6017	.6028	.6038	.6049	.6060	.6070	.6081	.6091	.6102	.6113
11	.6023	.6034	.6044	.6055	.6066	.6076	.6087	.6097	.6108	.6119
12	.6029	.6040	.6050	.6061	.6072	.6082	.6093	.6103	.6114	.6125
13	.6035	.6046	.6056	.6067	.6078	.6088	.6099	.6109	.6120	.6131
14	.6041	.6052	.6062	.6073	.6084	.6094	.6105	.6115	.6126	.6137
15	.6047	.6057	.6068	.6078	.6089	.6100	.6110	.6121	.6131	.6142
16	.6053	.6063	.6074	.6084	.6095	.6105	.6116	.6126	.6137	.6148
17	.6059	.6069	.6080	.6090	.6101	.6111	.6122	.6132	.6143	.6154
18	.6065	.6075	.6086	.6096	.6106	.6117	.6127	.6138	.6148	.6159
19	.6071	.6081	.6092	.6102	.6112	.6123	.6133	.6144	.6154	.6165
20	.6077	.6087	.6098	.6108	.6118	.6129	.6139	.6150	.6160	.6171
21	.6082	.6092	.6103	.6113	.6124	.6134	.6145	.6155	.6166	.6176
22	.6088	.6098	.6109	.6119	.6130	.6140	.6151	.6161	.6172	.6182
23	.6094	.6104	.6115	.6125	.6136	.6146	.6157	.6167	.6177	.6188
24	.6099	.6109	.6121	.6130	.6141	.6152	.6162	.6173	.6183	.6194
25	.6105	.6115	.6126	.6136	.6147	.6157	.6168	.6178	.6188	.6199
26	.6111	.6121	.6132	.6142	.6153	.6163	.6174	.6184	.6194	.6205
27	.6116	.6127	.6137	.6147	.6158	.6168	.6179	.6189	.6199	.6210
28	.6122	.6132	.6143	.6153	.6164	.6174	.6185	.6195	.6205	.6216
29	.6128	.6138	.6148	.6159	.6169	.6179	6190	6200	6210	.6221
30	.6134	.6144	.6154	.6165	.6175	.6185	.6196	.6206	.6216	.6227
31	6140	.6150	.6160	.6171	.6181	.6191	.6202	.6212	.6222	.6233
32	.6146	.6156	.6166	.6177	.6187	.6197	.6208	.6218	.6228	.6239
33	.6151	.6161	.6172	.6182	.6192	.6203	.6213	.6223	.6234	.6244
34	.6156	.6166	.6177	.6187	.6198	.6208	.6218	.6229	.6239	.6250
35	.6162	.6172	.6182	.6193	.6203	.6213	.6224	.6234	.6244	.6255
36	.6168	.6178	.6188	.6198	.6209	.6219	.6229	.6239	.6250	.6260
37	.6173	.6183	.6193	.6204	.6214	.6224	.6235	.6245	.6255	.6266
38	.6179	.6189	.6199	.6209	.6220	.6230	.6240	.6250	.6261	.6271
39	.6185	.6195	.6205	.6215	.6226	.6236	.6246	.6256	.6267	.6277
40	.6190	.6200	.6210	.6221	.6231	.6241	.6251	.6262	.6272	.6282
41	.6196	.6206	.6216	.6227	.6237	.6247	.6257	.6268	.6278	.6288
42	.6201	.6211	.6221	.6232	.6242	.6252	.6262	.6273	.6283	.6293
43	.6207	.6217	.6227	.6238	.6248	.6258	.6268	.6278	.6289	.6299
44	.6213	.6223	.6233	.6244	.6254	.6264	.6274	.6284	.6295	.6305

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
45	0.6218	0.6228	0.6238	0.6249	0.6259	0.6269	0.6279	0.6289	0.6300	0.6310
46	.6224	.6234	.6244	.6255	.6265	.6275	.6285	.6295	.6306	.6316
47	.6229	.6239	.6249	.6260	.6270	.6280	.6290	.6300	.6311	.6321
48	.6235	.6245	.6255	.6266	.6276	.6286	.6296	.6306	.6317	.6327
49	.6240	.6250	.6260	.6271	.6181	.6291	.6301	.6311	.6322	.6332
50	.6246	.6256	.6266	.6276	.6286	.6297	.6307	.6317	.6327	.6337
51	.6251	.6261	.6271	.6281	.6291	.6302	.6312	.6322	.6332	.6342
52	.6256	.6266	.6276	.6286	6296	.6307	.6317	.6327	.6337	.6347
53	.6262	.6272	.6282	.6292	.6302	.6313	.6323	.6333	.6343	.6353
54	.6267	.6277	.6287	.6297	.6307	.6318	.6328	.6338	.6348	.6358
55	.6273	.6283	.6293	.6303	.6313	.6324	.6334	.6344	.6354	.6364
56	.6279	.6289	.6299	.6309	.6319	.6330	.6340	.6350	.6360	.6370
57	.6284	.6294	.6304	.6314	.6324	.6335	.6345	.6355	.6365	.6375
58	.6289	.6299	.6309	.6319	.6329	.6340	.6350	.6360	.6370	.6380
59	.6294	.6304	.6314	.6324	.6334	.6345	.6355	.6365	.6375	.6385
60	.6300	.6310	.6320	.6330	.6340	.6350	.6360	.6370	.6380	.6390
61	.6305	.6315	.6325	.6335	.6345	.6355	.6365	.6375	.6385	.6395
62	.6310	.6320	.6330	.6340	.6350	.6360	.6370	.6380	.6390	.6400
63	.6316	.6326	.6336	.6346	.6356	.6366	.6376	6386	.6396	.6406
64	.6322	.6332	.6342	.6352	.6362	.6371	.6381	.6391	.6401	.6411
65	.6327	.6337	.6347	.6357	.6367	.6377	.6387	.6397	.6407	.6417
66	.6333	.6343	.6353	.6363	.6373	.6382	.6392	.6402	.6412	.6422
67	.6338	.6348	.6358	.6368	.6378	.6387	.6397	.6407	.6417	.6427
68	.6343	.6353	.6363	.6373	.6383	.6392	.6402	.6412	.6422	.6432
69	.6348	.6358	.6368	.6378	.6388	.6397	.6407	.6417	.6427	.6437
70	.6353	.6363	.6373	.6383	.6393	.6402	.6412	.6422	.6432	.6442
71	.6359	.6369	.6379	.6389	.6399	.6408	.6418	.6428	.6438	.6448
72	.6364	.6374	.6384	.6394	.6404	.6413	.6423	.6433	.6443	.6453
73	.6369	.6379	.6389	.6399	.6409	.6418	.6428	.6438	.6448	.6458
74	.6374	.6384	.6394	.6404	.6414	.6423	.6433	.6443	.6453	.6463
75	.6379	.6389	.6399	.6409	.6419	.6428	.6438	.6448	.6458	.6468
76	.6384	.6394	.6404	.6414	.6424	.6433	.6443	.6453	.6463	.6473
77	.6390	.6400	.6410	.6419	.6429	.6439	.6449	.6459	.6468	.6478
78	.6395	.6405	.6415	.6425	.6435	.6444	.6454	.6464	.6474	.6484
79	.6400	.6410	.6420	.6430	.6440	.6449	.6459	.6469	.6479	.6489
80	.6406	.6416	.6426	.6435	.6445	.6455	.6465	.6475	.6484	.6494
81	.6411	.6421	.6431	.6440	.6450	.6460	.6470	.6480	.6489	.6499
82	.6416	.6426	.6436	.6445	.6455	.6465	.6475	.6485	.6494	.6504
83	.6421	.6431	.6441	.6450	.6460	.6470	.6480	.6490	.6499	.6509
84	.6426	.6436	.6446	.6456	.6465	.6475	.6485	.6495	.6505	.6514
85	.6431	.6441	.6451	.6461	.6470	.6480	.6490	.6500	.6510	.6519
86	.6437	.6447	.6457	.6466	.6476	.6486	.6495	.6505	.6515	.6525
87	.6442	.6452	.6462	.6471	.6481	.6491	.6500	.6510	.6520	.6530
88	.6447	.6457	.6467	.6476	.6486	.6496	.6505	.6515	.6525	.6535
89	.6452	.6462	.6472	.6481	.6491	.6501	.6510	.6520	.6530	.6540
90	.6457	.6467	.6477	.6486	.6496	.6506	.6516	.6525	.6535	.6545

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.6065	0.6076	0.6086	0.6097	0.6108	0.6118	0.6129	0.6140	0.6150	0.6161
1	.6070	.6081	.6092	.6102	.6113	.6124	.6135	.6145	.6156	.6167
2	.6076	.6087	.6098	.6108	.6119	.6130	.6141	.6151	.6162	.6173
3	.6082	.6093	.6104	.6114	.6125	.6136	.6147	.6157	.6168	.6179
4	.6088	.6099	.6109	.6120	.6131	6141	.6152	.6163	6173	.6184
5	.6094	.6105	.6115	.6126	.6137	.6147	.6158	.6168	.6179	.6190
6	.6100	.6110	.6121	.6131	.6142	.6152	.6163	.6173	.6184	.6195
7	.6106	.6116	.6127	.6137	.6148	.6158	.6169	.6179	.6190	.6201
8	.6112	.6122	.6133	.6143	.6154	.6164	.6175	.6185	.6196	.6207
9	.6118	.6128	.6139	.6149	.6160	.6170	.6181	.6191	.6202	.6213
10	.6124	.6134	.6145	.6155	.6166	.6176	.6187	.6197	.6208	.6219
11	.6130	.6140	.6151	.6161	.6172	.6182	.6193	.6203	.6214	.6224
12	.6136	.6146	.6157	.6167	.6178	.6188	.6199	.6209	.6220	.6230
13	.6142	6152	.6163	.6173	.6184	.6194	.6205	.6215	.6226	.6236
14	.6148	.6158	.6169	.6179	.6190	.6200	.6210	.6221	.6231	.6242
15	.6153	.6163	.6174	.6184	.6195	.6205	.6216	.6226	.6237	.6247
16	.6158	.6169	.6179	.6190	.6200	.6211	.6221	.6232	.6242	.6253
17	.6164	.6175	.6185	.6196	.6206	.6217	.6227	.6238	.6248	.6259
18	.6170	.6180	.6190	.6201	.6211	.6222	.6232	.6243	.6253	.6264
19	.6176	.6186	.6196	.6207	.6217	.6228	.6238	.6249	.6259	.6270
20	.6182	.6192	.6202	.6213	.6223	.6233	.6244	.6254	.6265	.6275
21	.6187	.6197	.6208	.6218	.6229	.6239	.6250	.6260	.6271	.6281
22	.6193	.6203	.6214	.6224	.6234	.6244	.6255	.6265	.6276	.6286
23	.6198	.6208	.6219	.6229	.6240	.6250	.6261	.6271	.6282	.6292
24	.6204	.6214	.6224	.6235	.6245	.6255	.6266	.6277	.6287	.6298
25	.6209	.6219	.6230	.6240	.6251	.6261	.6272	.6282	.6293	.6303
26	.6215	.6225	.6236	6246	.6257	.6267	.6278	.6288	.6299	.6309
27	.6220	.6230	.6241	.6251	.6262	.6272	.6283	.6293	.6304	.6314
28	.6226	.6236	.6247	.6257	.6268	.6278	.6289	.6299	.6310	.6320
29	.6232	.6242	.6252	.6263	.6273	.6283	.6294	.6304	.6315	.6325
30	.6238	.6248	.6258	.6269	.6279	.6289	.6300	.6310	.6321	.6331
31	.6244	.6254	.6264	.6275	.6285	.6295	.6305	.6316	.6326	.6337
32	.6249	.6259	.6270	.6280	.6290	.6300	.6311	.6321	.6331	.6342
33	.6254	.6264	.6275	.6285	.6296	.6306	.6316	.6327	.6337	.6348
34	.6260	.6270	.6281	.6291	.6302	.6312	.6322	.6333	.6343	.6353
35	.6265	.6275	.6286	.6296	.6307	.6317	.6327	.6338	.6348	.6359
36	.6271	.6281	.6292	.6302	.6313	.6323	.6333	.6344	.6354	.6364
37	.6276	.6286	.6297	.6307	.6318	.6328	.6338	.6349	.6359	.6369
38	.6282	.6292	.6302	.6313	.6323	.6333	.6344	.6354	.6364	.6375
39	.6288	.6298	.6308	.6318	.6329	.6339	.6349	.6359	.6369	.6380
40	.6293	.6303	.6313	.6324	.6334	.6344	.6355	.6365	.6375	.6385
41	.6299	.6309	.6319	.6329	.6340	.6350	.6360	.6370	.6381	.6391
42	.6304	.6314	.6324	.6335	.6345	.6355	.6366	.6376	.6386	.6396
43	.6309	.6319	.6329	.6340	.6350	.6360	.6371	.6381	.6391	.6401
44	.6315	.6325	.6335	.6346	.6356	.6366	.6376	.6387	.6397	.6407

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
45	0.6320	0.6330	0.6340	0.6351	0.6361	0.6371	0.6382	0.6392	0.6402	0.6412
46	.6326	.6336	.6346	.6356	.6367	.6377	.6387	.6397	.6407	.6418
47	.6331	.6341	.6351	.6361	.6372	.6382	.6392	.6402	.6412	.6423
48	.6337	.6347	.6357	.6367	.6377	.6388	.6398	.6408	.6418	.6428
49	.6342	.6352	.6362	.6372	.6382	.6393	.6403	.6413	.6423	.6433
50	.6347	.6357	.6367	.6377	.6387	.6398	.6408	.6418	.6428	.6438
51	.6352	.6362	.6372	.6382	.6392	.6403	.6413	.6423	.6433	.6443
52	.6357	.6367	.6377	.6387	.6397	.6408	.6418	.6428	.6438	.6448
53	.6363	.6373	.6383	.6393	.6403	.6414	.6424	.6434	.6444	.6454
54	.6368	.6378	.6388	.6398	.6408	.6419	.6429	.6439	.6449	.6459
55	.6374	.6384	.6394	.6404	.6414	.6425	.6435	.6445	.6455	.6465
56	.6380	.6390	.6400	.6410	.6420	.6430	.6440	.6450	.6460	.6470
57	.6385	.6395	.6405	.6415	.6425	.6435	.6445	.6455	.6465	.6475
58	.6390	.6400	.6410	.6420	.6430	.6440	.6450	.6460	.6470	.6480
59	.6395	.6405	.6415	.6425	.6435	.6445	.6455	.6465	.6475	.6485
60	.6400	.6410	.6420	.6430	.6440	.6450	.6460	.6470	.6480	.6490
61	.6405	.6415	.6425	.6435	.6445	.6455	.6465	.6475	.6485	.6495
62	.6410	.6420	.6430	.6440	.6450	.6460	.6470	.6480	.6490	.6500
63	.6416	.6426	.6436	.6446	.6456	.6465	.6475	.6485	.6495	.6505
64	.6421	.6431	.6441	.6451	.6461	.6471	.6481	.6491	.6501	.6511
65	.6427	.6437	.6447	.6457	.6467	.6476	.6486	.6496	.6506	.6516
66	.6432	.6442	.6452	.6462	.6472	.6481	.6491	.6501	.6511	.6521
67	.6437	.6447	.6457	.6467	.6477	.6486	.6496	.6506	.6516	.6526
68	.6442	.6452	.6462	.6472	.6482	.6491	.6501	.6511	.6521	.6531
69	.6447	.6457	.6467	.6477	.6487	.6496	.6506	.6516	.6526	.6536
70	.6452	.6462	.6472	.6482	.6492	.6501	.6511	.6521	.6531	.6541
71	.6458	.6468	.6478	.6488	.6497	.6507	.6517	.6527	.6537	.6546
72	.6463	.6473	.6483	.6493	.6502	.6512	.6522	.6532	.6542	.6551
73	.6468	.6478	.6488	.6498	.6507	.6517	.6527	.6537	.6547	.6556
74	.6473	.6483	.6493	.6503	.6512	.6522	.6532	.6542	.6552	.6561
75	.6478	.6488	.6498	.6508	.6517	.6527	.6537	.6547	.6557	.6566
76	.6483	.6493	.6503	.6513	.6522	.6532	.6542	.6552	.6562	.6571
77	.6488	.6498	.6508	.6518	.6527	.6537	.6547	.6557	.6567	.6576
78	.6494	.6504	.6514	.6524	.6533	.6543	.6553	.6563	.6572	.6582
79	.6499	.6509	.6519	.6529	.6538	.6548	.6558	.6568	.6577	.6587
80	.6504	.6514	.6524	.6534	.6543	.6553	.6563	.6573	.6582	.6592
81	.6509	.6519	.6529	.6539	.6548	.6558	.6568	.6578	.6587	.6597
82	.6514	.6524	.6534	.6544	.6553	.6563	.6573	.6583	.6593	.6602
83	.6519	.6529	.6539	.6549	.6558	.6568	.6578	.6588	.6598	.6607
84	.6524	.6534	.6544	.6554	.6563	.6573	.6583	.6593	.6603	.6612
85	.6529	.6539	.6549	.6559	.6568	.6578	.6588	.6598	.6608	.6617
86	.6534	.6544	.6554	.6564	.6573	.6583	.6593	.6603	.6613	.6622
87	.6539	.6549	.6559	.6569	.6578	.6588	.6598	.6608	.6617	.6627
88	.6544	.6554	.6564	.6574	.6583	.6593	.6603	.6613	.6622	.6632
89	.6549	.6559	.6569	.6579	.6588	.6598	.6608	.6618	.6627	.6637
90	.6554	.6564	.6574	.6584	.6593	.6603	.6613	.6623	.6632	.6642

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.6172	0.6183	0.6194	0.6204	0.6215	0.6226	0.6237	0.6247	0.6258	0.6269
1	.6178	.6189	.6200	.6210	.6221	.6232	.6242	.6253	.6264	.6275
2	.6183	.6194	.6205	.6215	.6226	.6237	.6248	.6258	.6269	.6280
3	.6189	.6200	.6211	.6221	.6232	.6242	.6253	.6264	.6274	.6285
4	.6195	.6206	.6216	.6227	.6238	.6248	.6259	.6269	.6280	.6291
5	.6201	.6212	.6222	.6233	.6244	.6254	.6265	.6275	.6286	.6297
6	.6206	.6217	.6227	.6238	.6249	.6260	.6270	.6281	.6292	.6303
7	.6212	.6223	.6233	.6244	.6255	.6266	.6276	.6287	.6298	.6309
8	.6218	.6229	.6239	.6249	.6260	.6271	.6281	.6292	.6303	.6314
9	.6224	.6235	.6245	.6256	.6266	.6277	.6287	.6298	.6309	.6320
10	.6230	.6241	.6251	.6262	.6272	.6283	.6293	.6304	.6315	.6326
11	.6235	.6246	.6256	.6267	.6278	.6289	.6299	.6310	.6321	.6331
12	.6241	.6251	.6262	.6272	.6283	.6294	.6305	.6315	.6326	.6336
13	.6247	.6257	.6268	.6278	.6289	.6299	.6310	.6320	.6331	.6341
14	.6252	.6262	.6273	.6283	.6294	.6304	.6315	.6325	.6336	.6346
15	.6258	.6268	.6279	.6289	.6300	.6310	.6321	.6331	.6342	.6352
16	.6264	.6274	.6285	.6295	.6306	.6316	.6327	.6337	.6348	.6358
17	.6270	.6280	.6291	.6301	.6312	.6322	.6333	.6343	.6354	.6364
18	.6275	.6285	.6296	.6306	.6317	.6327	.6338	.6348	.6359	.6369
19	.6281	.6291	.6302	.6312	.6323	.6333	.6343	.6354	.6364	.6375
20	.6286	.6296	.6307	.6317	.6328	.6338	.6349	.6359	.6370	.6380
21	.6292	.6302	.6313	6323	.6334	.6344	.6355	.6365	.6376	.6386
22	.6297	.6307	.6318	.6328	.6339	.6349	.6360	.6370	.6381	.6391
23	.6303	.6313	.6324	.6334	.6344	.6355	.6365	.6376	.6386	.6397
24	.6309	.6319	.6329	.6340	.6350	.6361	.6371	.6382	.6392	.6403
25	.6314	.6324	.6334	.6345	.6355	.6366	.6376	.6387	.6397	.6408
26	.6320	.6330	.6340	.6351	.6361	.6372	.6382	.6393	.6403	.6414
27	.6325	.6335	.6345	.6356	.6366	.6377	.6387	.6398	.6408	.6419
28	.6331	.6341	.6351	.6362	.6372	.6382	.6393	.6403	.6414	.6424
29	.6336	.6346	.6356	.6367	.6377	.6387	.6398	.6408	.6419	.6429
30	.6342	.6352	.6362	.6372	.6383	.6393	.6403	.6413	.6424	.6434
31	.6347	.6357	.6367	.6378	.6388	.6398	.6409	.6419	.6429	.6440
32	.6352	.6362	.6372	.6383	.6393	.6403	.6414	.6424	.6434	.6445
33	.6358	.6368	.6378	.6389	.6399	.6409	.6420	.6430	.6440	.6451
34	.6363	.6373	.6384	.6394	.6404	.6415	.6425	.6435	.6445	.6456
35	.6369	.6379	.6390	.6400	.6410	.6420	.6431	.6441	.6451	.6462
36	.6374	.6384	.6395	.6405	.6416	.6426	.6436	.6446	6456	.6467
37	.6379	.6389	.6400	.6410	.6421	.6431	.6441	.6451	.6461	.6472
38	.6385	.6395	.6405	.6415	.6426	.6436	.6446	.6456	.6466	.6477
39	.6390	.6400	.6410	.6420	.6431	.6441	.6451	.6461	.6471	.6482
40	.6395	.6405	.6415	.6426	.6436	.6446	.6456	.6466	.6477	.6487
41	.6401	.6411	.6421	.6431	.6441	.6452	.6462	.6472	.6482	.6492
42	.6406	.6416	.6426	.6437	.6447	.6457	.6467	.6477	.6488	.6498
43	.6411	.6421	.6431	.6442	.6452	.6462	.6472	.6482	.6493	.6503
44	.6417	.6427	.6437	.6447	.6457	.6468	.6478	.6488	.6498	.6508

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
45	0.6422	0.6432	0.6442	0.6453	0.6463	0.6473	0.6483	0.6493	0.6504	0.6514
46	.6428	.6438	.6448	.6458	.6468	.6479	.6489	.6499	.6509	.6519
47	.6433	.6443	.6453	.6463	.6473	.6484	.6494	.6504	.6514	.6524
48	.6438	.6448	.6458	.6468	.6478	.6489	.6499	.6509	.6519	.6529
49	.6443	.6453	.6463	.6473	.6483	.6494	.6504	.6514	.6524	.6534
50	.6448	.6458	.6468	.6478	.6488	.6499	.6509	.6519	.6529	.6539
51	.6453	.6463	.6473	.6483	.6493	.6504	.6514	.6524	.6534	.6544
52	.6458	.6468	.6478	.6488	.6498	.6509	.6519	.6529	.6539	.6549
53	.6464	.6474	.6484	.6494	.6504	.6515	.6525	.6535	.6545	.6555
54	.6469	.6479	.6489	.6499	.6509	.6520	.6530	.6540	.6550	.6560
55	.6475	.6485	.6495	.6505	.6515	.6525	.6535	.6545	.6555	.6565
56	.6480	.6490	.6500	.6510	.6520	.6530	.6540	.6550	.6560	.6570
57	.6485	.6495	.6505	.6515	.6525	.6535	.6545	.6555	.6565	.6575
58	.6490	.6500	.6510	.6520	.6530	.6540	.6550	.6560	.6570	.6580
59	.6495	.6505	.6515	.6525	.6535	.6545	.6555	.6565	.6575	.6585
60	.6500	.6510	.6520	.6530	.6540	.6550	.6560	.6570	.6580	.6590
61	.6505	.6515	.6525	.6535	.6545	.6555	.6565	.6575	.6585	.6595
62	.6510	.6520	.6530	.6540	.6550	.6560	.6570	.6580	.6590	.6600
63	.6515	.6525	.6535	.6545	.6555	.6565	.6575	.6585	.6595	.6605
64	.6521	.6531	.6541	.6551	.6561	.6570	.6580	.6590	.6600	.6610
65	.6526	.6536	.6546	.6556	.6566	.6575	.6585	.6595	.6605	.6615
66	.6531	.6541	.6551	.6561	.6571	.6580	.6590	.6600	.6610	.6620
67	.6536	.6546	.6556	.6566	.6576	.6585	.6595	.6605	.6615	.6625
68	.6541	.6551	.6561	.6571	.6581	.6590	.6600	.6610	.6620	.6630
69	.6546	.6556	.6566	.6576	.6586	.6595	.6605	.6615	.6625	.6635
70	.6551	.6561	.6571	.6581	.6591	.6600	.6610	.6620	.6630	.6640
71	.6556	.6566	.6576	.6586	.6596	.6605	.6615	.6625	.6635	.6645
72	.6561	.6571	.6581	.6591	.6601	.6610	.6620	.6630	.6640	.6650
73	.6566	.6576	.6586	.6596	.6606	.6615	.6625	.6635	.6645	.6655
74	.6571	.6581	.6591	.6601	.6611	.6620	.6630	.6640	.6650	.6660
75	.6576	.6586	.6596	.6606	.6616	.6625	.6635	.6645	.6655	.6665
76	.6581	.6591	.6601	.6611	.6621	.6630	.6640	.6650	.6660	.6670
77	.6586	.6596	.6606	.6616	.6626	.6635	.6645	.6655	.6665	.6675
78	.6592	.6602	.6612	.6622	.6632	.6641	.6651	.6661	.6671	.6681
79	.6597	.6607	.6617	.6627	.6637	.6646	.6656	.6666	.6676	.6686
80	.6602	.6612	.6622	.6632	.6642	.6651	.6661	.6671	.6681	.6691
81	.6607	.6617	.6627	.6637	.6647	.6656	.6666	.6676	.6686	.6696
82	.6612	.6622	.6632	.6642	.6652	.6661	.6671	.6681	.6691	.6701
83	.6617	.6627	.6637	.6647	.6657	.6666	.6676	.6686	.6696	.6706
84	.6622	.6632	.6642	.6652	.6662	.6671	.6681	.6691	.6701	.6711
85	.6627	.6637	.6647	.6657	.6667	.6676	.6686	.6696	.6706	.6716
86	.6632	.6642	.6652	.6662	.6671	.6681	.6691	.6701	.6711	.6720
87	.6637	.6647	.6657	.6666	.6676	.6686	.6696	.6706	.6715	.6725
88	.6642	.6652	.6662	.6671	.6681	.6691	.6701	.6711	.6720	.6730
89	.6647	.6657	.6667	.6676	.6686	.6696	.6706	.6716	.6725	.6735
90	.6652	.6662	.6672	.6681	.6691	.6701	.6711	.6721	.6730	.6740

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.6280	0.6291	0.6302	0.6312	0.6323	0.6333	0.6344	0.6355	0.6365	0.6376
1	.6286	.6297	.6308	.6318	.6329	.6339	.6350	.6361	.6371	.6382
2	.6291	.6302	.6313	.6323	.6334	.6344	.6355	.6366	.6377	.6388
3	.6296	.6307	.6318	.6328	.6339	.6350	.6361	.6371	.6382	.6393
4	.6302	.6313	.6324	.6334	.6345	.6356	.6367	.6377	.6388	.6399
5	.6308	.6319	.6329	.6340	.6351	.6361	.6372	.6382	.6393	.6404
6	.6313	.6324	.6335	.6345	.6356	.6367	.6377	.6388	.6399	.6409
7	.6319	.6330	.6341	.6351	.6362	.6372	.6383	.6393	.6404	.6414
8	.6324	.6335	.6346	.6356	.6367	.6377	.6388	.6398	.6409	.6419
9	.6330	.6341	.6352	.6362	.6373	.6383	.6394	.6404	.6415	.6425
10	.6336	.6346	.6357	.6367	.6378	.6388	.6399	.6409	.6420	.6430
11	.6341	.6352	.6362	.6373	.6383	.6394	.6404	.6414	.6425	.6436
12	.6347	.6357	.6368	.6378	.6389	.6399	.6410	.6420	.6431	.6441
13	.6352	.6362	.6373	.6383	.6394	.6405	.6415	.6426	.6436	.6447
14	.6357	.6367	.6378	.6389	.6400	.6410	.6421	.6431	.6442	.6452
15	.6363	.6373	.6384	.6394	.6405	.6415	.6426	.6436	.6447	.6457
16	.6369	.6379	.6389	.6400	.6410	.6420	.6431	.6441	.6452	.6462
17	.6375	.6385	.6395	.6406	.6416	.6426	.6437	.6447	.6457	.6468
18	.6380	.6390	.6400	.6411	.6421	.6431	.6442	.6452	.6462	.6473
19	.6385	.6395	.6406	.6416	.6427	.6437	.6448	.6458	.6468	.6479
20	.6391	.6401	.6411	.6422	.6432	.6442	.6453	.6463	.6473	.6484
21	.6397	.6407	.6417	.6427	.6438	.6448	.6458	.6468	.6478	.6489
22	.6402	.6412	.6422	.6432	.6443	.6453	.6463	.6474	.6484	.6495
23	.6407	.6417	.6428	.6438	.6448	.6459	.6469	.6480	.6490	.6501
24	.6413	.6423	.6433	.6444	.6454	.6464	.6475	.6485	.6495	.6506
25	.6418	.6428	.6439	.6449	.6459	.6470	.6480	.6491	.6501	.6512
26	.6424	.6434	.6444	.6455	.6465	.6475	.6486	.6496	.6506	.6517
27	.6429	.6439	.6449	.6460	.6470	.6480	.6491	.6501	.6511	.6522
28	.6434	.6444	.6454	.6465	.6475	.6485	.6496	.6506	.6516	.6527
29	.6439	.6449	.6460	.6470	.6480	.6491	.6501	.6512	.6522	.6533
30	.6445	.6455	.6465	.6476	.6486	.6496	.6506	.6517	.6527	.6538
31	.6450	.6460	.6470	.6481	.6491	.6501	.6512	.6522	.6532	.6543
32	.6455	.6465	.6475	.6486	.6496	.6506	.6517	.6527	.6537	.6548
33	.6461	.6471	.6481	.6492	.6502	.6512	.6523	.6533	.6543	.6554
34	.6466	.6476	.6486	.6497	.6507	.6517	.6528	.6538	.6548	.6559
35	.6472	.6482	.6492	.6502	.6513	.6523	.6533	.6543	.6553	.6564
36	.6477	.6487	.6497	.6507	.6518	.6528	.6538	.6548	.6558	.6569
37	.6482	.6492	.6502	.6512	.6523	.6533	.6543	.6553	.6563	.6574
38	.6487	.6497	.6507	.6517	.6528	.6538	.6548	.6558	.6568	.6579
39	.6492	.6502	.6512	.6522	.6533	.6543	.6553	.6563	.6573	.6584
40	.6497	.6507	.6517	.6527	.6538	.6548	.6558	.6568	.6578	.6589
41	.6502	.6512	.6522	.6532	.6543	.6553	.6563	.6573	.6584	.6594
42	.6508	.6518	.6528	.6538	.6549	.6559	.6569	.6579	.6589	.6600
43	.6513	.6523	.6533	.6543	.6554	.6564	.6574	.6584	.6594	.6605
44	.6518	.6528	.6538	.6548	.6559	.6569	.6579	.6589	.6599	.6610

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
45	0.6524	0.6534	0.6544	0.6554	0.6564	0.6575	0.6585	0.6595	0.6605	0.6615
46	.6529	.6539	.6549	.6559	.6569	.6580	.6590	.6600	.6610	.6620
47	.6534	.6544	.6554	.6564	.6574	.6585	.6595	.6605	.6615	.6625
48	.6539	.6549	.6559	.6569	.6579	.6590	.6600	.6610	.6620	.6630
49	.6544	.6554	.6564	.6574	.6584	.6595	.6605	.6615	.6625	.6635
50	.6549	.6559	.6569	.6579	.6589	.6600	.6610	.6620	.6630	.6640
51	.6554	.6564	.6574	.6584	.6594	.6605	.6615	.6625	.6635	.6645
52	.6559	.6569	.6579	.6589	.6599	.6610	.6620	.6630	.6640	.6650
53	.6565	.6575	.6585	.6595	.6605	.6615	.6625	.6635	.6645	.6655
54	.6570	.6580	.6590	.6600	.6610	.6620	.6630	.6640	.6650	.6660
55	.6575	.6585	.6595	.6605	.6615	.6625	.6635	.6645	.6655	.6665
56	.6580	.6590	.6600	.6610	.6620	.6630	.6640	.6650	.6660	.6670
57	.6585	.6595	.6605	.6615	.6625	.6635	.6645	.6655	.6665	.6675
58	.6590	.6600	.6610	.6620	.6630	.6640	.6650	.6660	.6670	.6680
59	.6595	.6605	.6615	.6625	.6635	.6645	.6655	.6665	.6675	.6685
60	.6600	.6610	.6620	.6630	.6640	.6650	.6660	.6670	.6680	.6690
61	.6605	.6615	.6625	.6635	.6645	.6655	.6665	.6675	.6685	.6695
62	.6610	.6620	.6630	.6640	.6650	.6660	.6670	.6680	.6690	.6700
63	.6615	.6625	.6635	.6645	.6655	.6665	.6675	.6685	.6695	.6705
64	.6620	.6630	.6640	.6650	.6660	.6670	.6680	.6690	.6700	.6710
65	.6625	.6635	.6645	.6655	.6665	.6675	.6685	.6695	.6705	.6715
66	.6630	.6640	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720
67	.6635	.6645	.6655	.6665	.6675	.6685	.6695	.6705	.6715	.6725
68	.6640	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730
69	.6645	.6655	.6665	.6675	.6685	.6695	.6705	.6715	.6725	.6735
70	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740
71	.6655	.6665	.6675	.6685	.6695	.6705	.6715	.6725	.6735	.6745
72	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750
73	.6665	.6675	.6685	.6695	.6705	.6715	.6725	.6735	.6745	.6755
74	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760
75	.6675	.6685	.6695	.6705	.6715	.6725	.6735	.6745	.6755	.6764
76	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6769
77	.6685	.6695	.6705	.6715	.6725	.6735	.6745	.6755	.6765	.6774
78	.6691	.6701	.6711	.6720	.6730	.6740	.6750	.6760	.6770	.6779
79	.6696	.6706	.6716	.6725	.6735	.6745	.6755	.6765	.6775	.6784
80	.6701	.6711	.6721	.6730	.6740	.6750	.6760	.6770	.6780	.6789
81	.6706	.6716	.6726	.6735	.6745	.6755	.6765	.6775	.6785	.6794
82	.6711	.6721	.6731	.6741	.6750	.6760	.6770	.6780	.6790	.6799
83	.6716	.6726	.6736	6746	.6755	.6765	.6775	.6785	.6795	.6804
84	.6721	.6731	.6741	.6751	.6760	.6770	.6780	.6790	.6800	.6809
85	.6726	.6736	.6746	.6756	.6765	.6775	.6785	.6795	.6805	.6814
86	.6730	.6740	.6750	.6760	.6769	.6779	.6789	.6799	.6809	.6818
87	.6735	.6745	.6755	.6765	.6774	.6784	.6794	.6804	.6814	.6823
88	.6740	.6750	.6760	.6770	.6779	.6789	.6799	.6809	.6819	.6828
89	.6745	.6755	.6765	.6774	.6784	.6794	.6803	.6813	.6823	.6832
90	.6750	.6760	.6770	.6779	.6789	.6799	.6808	.6818	.6828	.6837

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.6387	0.6398	0.6408	0.6419	0.6429	0.6440	0.6451	0.6462	0.6472	0.6483
1	.6393	.6404	.6414	.6425	.6435	.6446	.6457	.6468	.6478	.6489
2	.6398	.6409	.6420	.6431	.6441	.6452	.6463	.6473	.6484	.6494
3	.6403	.6414	.6425	.6436	.6446	.6457	.6468	.6478	.6489	.6499
4	.6409	.6419	.6430	.6441	.6452	.6462	.6473	.6483	.6494	.6504
5	.6414	.6425	.6435	.6446	.6457	.6467	.6478	.6488	.6499	.6509
6	.6420	.6430	.6441	.6451	.6462	.6472	.6483	.6493	.6504	.6514
7	.6425	.6435	.6446	.6456	.6467	.6477	.6488	.6498	.6509	.6519
8	.6430	.6440	.6451	.6461	.6472	.6482	.6493	.6503	.6514	.6524
9	.6436	.6446	.6457	.6467	.6478	.6488	.6498	.6509	.6519	.6530
10	.6441	.6451	.6462	.6472	.6483	.6493	.6504	.6514	.6525	.6535
11	.6447	.6457	.6467	.6477	.6488	.6498	.6509	.6519	.6530	.6540
12	.6452	.6462	.6473	.6483	.6494	.6504	.6515	.6525	.6536	.6546
13	.6457	.6467	.6478	.6489	.6500	.6510	.6520	.6531	.6541	.6552
14	.6462	.6473	.6484	.6494	.6505	.6515	.6525	.6536	.6546	.6557
15	.6468	.6478	.6489	.6499	.6510	.6520	.6530	.6541	.6551	.6562
16	.6474	.6484	.6495	.6505	.6516	.6526	.6536	.6547	.6557	.6568
17	.6479	.6489	.6500	.6510	.6521	.6531	.6541	.6552	.6562	.6573
18	.6484	.6494	.6505	.6515	.6526	.6536	.6546	.6557	.6567	.6578
19	.6490	.6500	.6511	.6521	.6531	.6542	.6552	.6562	.6572	.6583
20	.6496	.6506	.6517	.6527	.6537	.6548	.6558	.6568	.6578	.6589
21	.6501	.6511	.6522	.6532	.6542	.6553	.6563	.6573	.6583	.6594
22	.6506	.6516	.6527	.6537	.6547	.6558	.6568	.6578	.6588	.6599
23	.6511	.6521	.6532	.6542	.6552	.6563	.6573	.6583	.6593	.6604
24	.6516	.6526	.6537	.6547	.6557	.6568	.6578	.6588	.6598	.6609
25	.6521	.6531	.6542	.6552	.6562	.6573	.6583	.6593	.6603	.6614
26	.6527	.6537	.6547	.6558	.6568	.6578	.6588	.6598	.6609	.6619
27	.6532	.6542	.6552	.6563	.6573	.6583	.6593	.6603	.6614	.6624
28	.6537	.6547	.6557	.6568	.6578	.6588	.6598	.6608	.6619	.6629
29	.6542	.6552	.6562	.6573	.6583	.6593	.6603	.6613	.6624	.6634
30	.6547	.6557	.6567	.6578	.6588	.6598	.6608	.6618	.6629	.6639
31	.6552	.6562	.6572	.6583	.6593	.6603	.6613	.6623	.6634	.6644
32	.6558	.6568	.6578	.6589	.6599	.6609	.6619	.6629	.6640	.6650
33	.6563	.6573	.6583	.6594	.6604	.6614	.6624	.6634	.6645	.6655
34	.6568	.6578	.6588	.6599	.6609	.6619	.6629	.6639	.6650	.6660
35	.6574	.6584	.6594	.6605	.6615	.6625	.6635	.6645	.6656	.6666
36	.6579	.6589	.6599	.6610	.6620	.6630	.6640	.6650	.6661	.6671
37	.6584	.6594	.6604	.6615	.6625	.6635	.6645	.6655	.6666	.6676
38	.6589	.6599	.6609	.6620	.6630	.6640	.6650	.6660	.6671	.6681
39	.6594	.6604	.6614	.6625	.6635	.6645	.6655	.6665	.6676	.6686
40	.6599	.6609	.6619	.6630	.6640	.6650	.6660	.6670	.6681	.6691
41	.6604	.6614	.6624	.6635	.6645	.6655	.6665	.6675	.6686	.6696
42	.6610	.6620	.6630	.6640	.6650	.6661	.6671	.6681	.6691	.6701
43	.6615	.6625	.6635	.6645	.6655	.6666	.6676	.6686	.6696	.6706
44	.6620	.6630	.6640	.6650	.6660	.6671	.6681	.6691	.6701	.6711

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
45	0.6625	0.6635	0.6645	0.6655	0.6665	0.6676	0.6686	0.6696	0.6706	0.6716
46	.6630	.6640	.6650	.6660	.6670	.6681	.6691	.6701	.6711	.6721
47	.6635	.6645	.6655	.6665	.6675	.6686	.6696	.6706	.6716	.6726
48	.6640	.6650	.6660	.6670	.6680	.6691	.6701	.6711	.6721	.6731
49	.6645	.6655	.6665	.6675	.6685	.6696	.6706	.6716	.6726	.6736
50	.6650	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740
51	.6655	.6665	.6675	.6685	.6695	.6705	.6715	.6725	.6735	.6745
52	.6660	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750
53	.6665	.6675	.6685	.6695	.6705	.6715	.6725	.6735	.6745	.6755
54	.6670	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760
55	.6675	.6685	.6695	.6705	.6715	.6725	.6735	.6745	.6755	.6765
56	.6680	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6770
57	.6685	.6695	.6705	.6715	.6725	.6735	.6745	.6755	.6765	.6775
58	.6690	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6770	.6780
59	.6695	.6705	.6715	.6725	.6735	.6745	.6755	.6765	.6775	.6785
60	.6700	.6710	.6720	.6730	.6740	.6750	.6760	.6770	.6780	.6790
61	.6705	.6715	.6725	.6735	.6745	.6755	.6765	.6775	.6785	.6795
62	.6710	.6720	.6730	.6740	.6750	.6760	.6770	.6780	.6790	.6800
63	.6715	.6725	.6735	.6745	.6755	.6765	.6775	.6785	.6795	.6805
64	.6720	.6730	.6740	.6750	.6760	.6770	.6780	.6790	.6800	.6810
65	.6725	.6735	.6745	.6755	.6765	.6775	.6785	.6795	.6805	.6815
66	.6730	.6740	.6750	.6760	.6770	.6780	.6790	.6800	.6810	.6820
67	.6735	.6745	.6755	.6765	.6775	.6785	.6795	.6805	.6815	.6825
68	.6740	.6750	.6760	.6770	.6780	.6789	.6799	.6809	.6819	.6829
69	.6745	.6755	.6765	.6775	.6785	.6794	.6804	.6814	.6824	.6834
70	.6750	.6760	.6770	.6780	.6790	.6799	.6809	.6819	.6829	.6839
71	.6755	.6765	.6775	.6785	.6795	.6804	.6814	.6824	.6834	.6844
72	.6760	.6770	.6780	.6790	.6800	.6809	.6819	.6829	.6839	.6849
73	.6765	.6775	.6785	.6795	.6805	.6814	.6824	.6834	.6844	.6854
74	.6770	.6780	.6790	.6800	.6810	.6819	.6829	.6839	.6849	.6859
75	.6774	.6784	.6794	.6804	.6814	.6823	.6833	.6843	.6853	.6863
76	.6779	.6789	.6799	.6809	.6819	.6828	.6838	.6848	.6858	.6868
77	.6784	.6794	.6804	.6813	.6823	.6833	.6843	.6853	.6862	.6872
78	.6789	.6799	.6809	.6818	.6828	.6838	.6848	.6858	.6867	.6877
79	.6794	.6804	.6814	.6823	.6833	.6843	.6853	.6863	.6872	.6882
80	.6799	.6809	.6819	.6828	.6838	.6848	.6858	.6868	.6877	.6887
81	.6804	.6814	.6824	.6833	.6843	.6853	.6863	.6873	.6882	.6892
82	.6809	.6819	.6829	.6838	.6848	.6858	.6868	.6878	.6887	.6897
83	.6814	.6824	.6834	.6843	.6853	.6863	.6873	.6883	.6892	.6902
84	.6819	.6829	.6839	.6848	.6858	.6868	.6878	.6888	.6897	.6907
85	.6824	.6834	.6844	.6853	.6863	.6873	.6883	.6893	.6902	.6912
86	.6828	.6838	.6848	.6857	.6867	.6877	.6887	.6897	.6906	.6916
87	.6833	.6843	.6853	.6862	.6872	.6882	.6892	.6902	.6911	.6921
88	.6838	.6848	.6858	.6867	.6877	.6887	.6897	.6907	.6916	.6926
89	.6842	.6852	.6862	.6871	.6881	.6891	.6901	.6911	.6920	.6930
90	.6847	.6857	.6867	.6876	.6886	.6896	.6906	.6916	.6925	.6935

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.6493	0.6504	0.6515	0.6525	0.6536	0.6546	0.6557	0.6567	0.6578	0.6588
1	.6499	.6509	.6520	.6530	.6541	.6551	.6562	.6572	.6583	.6593
2	.6504	.6514	.6525	.6535	.6546	.6556	.6567	.6577	.6588	.6598
3	.6509	.6519	.6530	.6540	.6551	.6561	.6572	.6582	.6593	.6603
4	.6515	.6525	.6536	.6546	.6557	.6567	.6578	.6588	.6599	.6609
5	.6520	.6530	.6541	.6551	.6562	.6572	.6583	.6593	.6604	.6614
6	.6525	.6535	.6546	.6556	.6567	.6577	.6588	.6598	.6609	.6619
7	.6530	.6540	.6551	.6561	.6572	.6582	.6593	.6603	.6614	.6624
8	.6535	.6545	.6556	.6566	.6577	.6587	.6598	.6608	.6619	.6629
9	.6541	.6551	.6562	.6572	.6583	.6593	.6603	.6614	.6624	.6634
10	.6546	.6556	.6567	.6577	.6588	.6598	.6608	.6619	.6629	.6640
11	.6551	.6561	.6572	.6582	.6593	.6603	.6613	.6624	.6634	.6645
12	.6557	.6567	.6578	.6588	.6599	.6609	.6619	.6630	.6640	.6651
13	.6562	.6572	.6583	.6593	.6604	.6614	.6624	.6635	.6645	.6656
14	.6567	.6577	.6588	.6598	.6609	.6619	.6629	.6640	.6650	.6661
15	.6572	.6582	.6593	.6603	.6614	.6624	.6634	.6645	.6655	.6666
16	.6578	.6588	.6599	.6609	.6619	.6630	.6640	.6650	.6660	.6671
17	.6583	.6593	.6604	.6614	.6624	.6635	.6645	.6655	.6665	.6676
18	.6588	.6598	.6609	.6619	.6629	.6640	.6650	.6660	.6670	.6681
19	.6593	.6603	.6614	.6624	.6634	.6645	.6655	.6665	.6675	.6686
20	.6599	.6609	.6620	.6630	.6640	.6651	.6661	.6671	.6681	.6692
21	.6604	.6614	.6625	.6635	.6645	.6656	.6666	.6676	.6686	.6697
22	.6609	.6619	.6630	.6640	.6650	.6661	.6671	.6681	.6691	.6702
23	.6614	.6624	.6635	.6645	.6655	.6666	.6676	.6686	.6696	.6707
24	.6619	.6629	.6640	.6650	.6660	.6671	.6681	.6691	.6701	.6712
25	.6624	.6634	.6645	.6655	.6665	.6676	.6686	.6696	.6706	.6717
26	.6629	.6639	.6650	.6660	.6670	.6681	.6691	.6701	.6711	.6722
27	.6634	.6644	.6655	.6665	.6675	.6686	.6696	.6706	.6716	.6727
28	.6639	.6649	.6660	.6670	.6680	.6691	.6701	.6711	.6721	.6732
29	.6644	.6654	.6665	.6675	.6685	.6696	.6706	.6716	.6726	.6737
30	.6649	.6659	.6670	.6680	.6690	.6701	.6711	.6721	.6731	.6742
31	.6654	.6664	.6675	.6685	.6695	.6706	.6716	.6726	.6736	.6747
32	.6660	.6670	.6680	.6691	.6701	.6711	.6721	.6731	.6742	.6752
33	.6665	.6675	.6685	.6696	.6706	.6716	.6726	.6736	.6747	.6757
34	.6670	.6680	.6690	.6701	.6711	.6721	.6731	.6741	.6752	.6762
35	.6676	.6686	.6696	.6707	.6717	.6727	.6737	.6747	.6758	.6768
36	.6681	.6691	.6701	.6712	.6722	.6732	.6742	.6752	.6763	.6773
37	.6686	.6696	.6706	.6717	.6727	.6737	.6747	.6757	.6768	.6778
38	.6691	.6701	.6711	.6722	.6732	.6742	.6752	.6762	.6773	.6783
39	.6696	.6706	.6716	.6727	.6737	.6747	.6757	.6767	.6778	.6788
40	.6701	.6711	.6721	.6731	.6741	.6752	.6762	.6772	.6782	.6792
41	.6706	.6716	.6726	.6736	.6746	.6757	.6767	.6777	.6787	.6797
42	.6711	.6721	.6731	.6741	.6751	.6762	.6772	.6782	.6792	.6802
43	.6716	.6726	.6736	.6746	.6756	.6767	.6777	.6787	.6797	.6807
44	.6721	.6731	.6741	.6751	.6761	.6772	.6782	.6792	.6802	.6812

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
45	0.6726	0.6736	0.6746	0.6756	0.6766	0.6777	0.6787	0.6797	0.6807	0.6817
46	.6731	.6741	.6751	.6761	.6771	.6782	.6792	.6802	.6812	.6822
47	.6736	.6746	.6756	.6766	.6776	.6787	.6797	.6807	.6817	.6827
48	.6741	.6751	.6761	.6771	.6781	.6792	.6802	.6812	.6822	.6832
49	.6746	.6756	.6766	.6776	.6786	.6797	.6807	.6817	.6827	.6837
50	.6750	.6760	.6770	.6780	.6790	.6801	.6811	.6821	.6831	.6841
51	.6755	.6765	.6775	.6785	.6795	.6806	.6816	.6826	.6836	.6846
52	.6760	.6770	.6780	.6790	.6800	.6811	.6821	.6831	.6841	.6851
53	.6765	.6775	.6785	.6795	.6805	.6816	.6826	.6836	.6846	.6856
54	.6770	.6780	.6790	.6800	.6810	.6821	.6831	.6841	.6851	.6861
55	.6775	.6785	.6795	.6805	.6815	.6826	.6836	.6846	.6856	.6866
56	.6780	.6790	.6800	.6810	.6820	.6831	.6841	.6851	.6861	.6871
57	.6785	.6795	.6805	.6815	.6825	.6836	.6846	.6856	.6866	.6876
58	.6790	.6800	.6810	.6820	.6830	.6840	.6850	.6860	.6870	.6880
59	.6795	.6805	.6815	.6825	.6835	.6845	.6855	.6865	.6875	.6885
60	.6800	.6810	.6820	.6830	.6840	.6850	.6860	.6870	.6880	.6890
61	.6805	.6815	.6825	.6835	.6845	.6855	.6865	.6875	.6885	.6895
62	.6810	.6820	.6830	.6840	.6850	.6860	.6870	.6880	.6890	.6900
63	.6815	.6825	.6835	.6845	.6855	.6865	.6875	.6885	.6895	.6905
64	.6820	.6830	.6840	.6850	.6860	.6870	.6880	.6890	.6900	.6910
65	.6825	.6835	.6845	.6855	.6865	.6875	.6885	.6895	.6905	.6915
66	.6830	.6840	.6850	.6860	.6870	.6879	.6889	.6899	.6909	.6919
67	.6835	.6845	.6855	.6865	.6875	.6884	.6894	.6904	.6914	.6924
68	.6839	.6849	.6859	.6869	.6879	.6888	.6898	.6908	.6918	.6928
69	.6844	.6854	.6864	.6874	.6884	.6893	.6903	.6913	.6923	.6933
70	.6849	.6859	.6869	.6879	.6889	.6898	.6908	.6918	.6928	.6938
71	.6854	.6864	.6874	.6884	.6894	.6903	.6913	.6923	.6933	.6943
72	.6859	.6869	.6879	.6889	.6899	.6908	.6918	.6928	.6938	.6948
73	.6864	.6874	.6884	.6893	.6903	.6913	.6923	.6933	.6942	.6952
74	.6869	.6879	.6889	.6898	.6908	.6918	.6928	.6938	.6947	.6957
75	.6873	.6883	.6893	.6903	.6913	.6922	.6932	.6942	.6952	.6962
76	.6878	.6888	.6898	.6908	.6918	.6927	.6937	.6947	.6957	.6967
77	.6882	.6892	.6902	.6912	.6922	.6931	.6941	.6951	.6961	.6971
78	.6887	.6897	.6907	.6917	.6927	.6936	.6946	.6956	.6966	.6976
79	.6892	.6902	.6912	.6922	.6932	.6941	.6951	.6961	.6971	.6981
80	.6897	.6907	.6917	.6927	.6937	.6946	.6956	.6966	.6976	.6986
81	.6902	.6912	.6922	.6932	.6942	.6951	.6961	.6971	.6981	.6991
82	.6907	.6917	.6927	.6936	.6946	.6956	.6966	.6976	.6985	.6995
83	.6912	.6922	.6932	.6941	.6951	.6961	.6971	.6981	.6990	.7000
84	.6917	.6927	.6927	.6946	.6956	.6966	.6976	.6986	.6995	.7005
85	.6922	.6932	.6942	.6951	.6961	.6971	.6981	.6991	.7000	.7010
86	.6926	.6936	.6946	.6955	.6965	.6975	.6985	.6995	.7004	.7014
87	.6931	.6941	.6951	.6960	.6970	.6980	.6990	.7000	.7009	.7019
88	.6936	.6946	.6956	.6965	.6975	.6985	.6995	.7005	.7014	.7024
89	.6940	.6950	.6960	.6969	.6979	.6989	.6999	.7009	.7018	.7028
90	.6945	.6955	.6965	.6974	.6984	.6994	.7004	.7014	.7023	.7033

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.6599	0.6609	0.6620	0.6630	0.6641	0.6651	0.6662	0.6672	0.6683	0.6693
1	.6604	.6614	.6625	.6635	.6646	.6656	.6667	.6677	.6688	.6698
2	.6609	.6619	.6630	.6640	.6651	.6661	.6672	.6682	.6693	.6703
3	.6614	.6624	.6635	.6645	.6656	.6666	.6677	.6687	.6698	.6708
4	.6620	.6630	.6641	.6651	.6662	.6672	.6682	.6693	.6703	.6714
5	.6625	.6635	.6646	.6656	.6667	.6677	.6687	.6698	.6708	.6719
6	.6630	.6640	.6651	.6661	.6672	.6682	.6692	.6703	.6713	.6724
7	.6635	.6645	.6656	.6666	.6677	.6687	.6698	.6708	.6719	.6729
8	.6640	.6650	.6661	.6671	.6682	.6692	.6702	.6713	.6723	.6734
9	.6645	.6655	.6666	.6676	.6687	.6697	.6707	.6718	.6728	.6739
10	.6650	.6660	.6671	.6681	.6692	.6702	.6712	.6723	.6733	.6744
11	.6655	.6665	.6676	.6686	.6697	.6707	.6717	.6728	.6738	.6749
12	.6661	.6671	.6682	.6692	.6702	.6712	.6723	.6733	.6743	.6754
13	.6666	.6676	.6687	.6697	.6707	.6717	.6728	.6738	.6748	.6759
14	.6671	.6681	.6592	.6702	.6712	.6723	.6733	.6743	.6753	.6764
15	.6676	.6686	.6697	.6707	.6717	.6728	.6738	.6748	.6758	.6769
16	.6681	.6691	.6702	.6712	.6722	.6733	.6743	.6753	.6763	.6774
17	.6686	.6696	.6707	.6717	.6727	.6738	.6748	.6758	.6768	.6779
18	.6691	.6701	.6712	.6722	.6732	.6743	.6753	.6763	.6773	.6784
19	.6696	.6706	.6717	.6727	.6737	.6748	.6758	.6768	.6778	.6789
20	.6702	.6712	.6722	.6733	.6743	.6753	.6763	.6773	.6784	.6794
21	.6707	.6717	.6727	.6738	.6748	.6758	.6768	.6778	.6789	.6799
22	.6712	.6722	.6732	.6743	.6753	.6763	.6773	.6783	.6794	.6804
23	.6717	.6727	.6737	.6748	.6758	.6768	.6778	.6788	.6799	.6809
24	.6722	.6732	.6742	.6753	.6763	.6773	.6783	.6793	.6804	.6814
25	.6727	.6737	.6747	.6758	.6768	.6778	.6788	.6798	.6809	.6819
26	.6732	.6742	.6752	.6763	.6773	.6783	.6793	.6803	.6814	.6824
27	.6737	.6747	.6757	.6768	.6778	.6788	.6798	.6808	.6819	.6829
28	.6742	.6752	.6762	.6773	.6783	.6793	.6803	.6813	.6824	.6834
29	.6747	.6757	.6767	.6778	.6788	.6798	.6808	.6818	.6829	.6839
30	.6752	.6762	.6772	.6783	.6793	.6803	.6813	.6823	.6834	.6844
31	.6757	.6767	.6777	.6788	.6798	.6808	.6818	.6828	.6839	.6849
32	.6762	.6772	.6782	.6793	.6803	.6813	.6823	.6833	.6844	.6854
33	.6767	.6777	.6787	.6798	.6808	.6818	.6828	.6838	.6849	.6859
34	.6772	.6782	.6792	.6803	.6813	.6823	.6833	.6843	.6854	.6864
35	.6778	.6788	.6798	.6808	.6818	.6829	.6839	.6849	.6859	.6869
36	.6783	.6793	.6803	.6813	.6823	.6834	.6844	.6854	.6864	.6874
37	.6788	.6798	.6808	.6818	.6828	.6839	.6849	.6859	.6869	.6879
38	.6793	.6803	.6813	.6823	.6833	.6844	.6854	.6864	.6874	.6884
39	.6798	.6808	.6818	.6828	.6838	.6849	.6859	.6869	.6879	.6889
40	.6802	.6812	.6822	.6832	.6842	.6853	.6863	.6873	.6883	.6893
41	.6807	.6817	.6827	.6837	.6847	.6858	.6868	.6878	.6888	.6898
42	.6812	.6822	.6832	.6842	.6852	.6863	.6873	.6883	.6893	.6903
43	.6817	.6827	.6837	.6847	.6857	.6868	.6878	.6888	.6898	.6908
44	.6822	.6832	.6842	.6852	.6862	.6873	.6883	.6893	.6903	.6913

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
45	0.6827	0.6837	0.6847	0.6857	0.6867	0.6878	0.6888	0.6898	0.6908	0.6918
46	.6832	.6842	.6852	.6862	.6872	.6883	.6893	.6903	.6913	.6923
47	.6837	.6847	.6857	.6867	.6877	.6888	.6898	.6908	.6918	.6928
48	.6842	.6852	.6862	.6872	.6882	.6893	.6903	.6913	.6923	.6933
49	.6847	.6857	.6867	.6877	.6887	.6898	.6908	.6918	.6928	.6938
50	.6851	.6861	.6871	.6881	.6891	.6902	.6912	.6922	.6932	.6942
51	.6856	.6866	.6876	.6886	.6896	.6907	.6917	.6927	.6937	.6947
52	.6861	.6871	.6881	.6891	.6901	.6912	.6922	.6932	.6942	.6952
53	.6866	.6876	.6886	.6896	.6906	.6916	.6926	.6936	.6946	.6956
54	.6871	.6881	.6891	.6901	.6911	.6921	.6931	.6941	.6951	.6961
55	.6876	.6886	.6896	.6906	.6916	.6926	.6936	.6946	.6956	.6966
56	.6881	.6891	.6901	.6911	.6921	.6931	.6941	.6951	.6961	.6971
57	.6886	.6896	.6906	.6916	.6926	.6936	.6946	.6956	.6966	.6976
58	.6890	.6900	.6910	.6920	.6930	.6940	.6950	.6960	.6970	.6980
59	.6895	.6905	.6915	.6925	.6935	.6945	.6955	.6965	.6975	.6985
60	.6900	.6910	.6920	.6930	.6940	.6950	.6960	.6970	.6980	.6990
61	.6905	.6915	.6925	.6935	.6945	.6955	.6965	.6975	.6985	.6995
62	.6910	.6920	.6930	.6940	6950	.6959	.6969	.6979	.6989	.6999
63	.6915	.6925	.6935	.6945	.6955	.6964	.6974	.6984	.6994	.7004
64	.6920	.6930	.6940	.6950	.6960	.6969	.6979	.6989	.6999	.7009
65	.6925	.6935	.6945	.6955	.6965	.6974	.6984	.6994	.7004	.7014
66	.6929	.6939	.6949	.6959	.6969	.6978	.6988	.6998	.7008	.7018
67	.6934	.6944	.6954	.6964	.6974	.6983	.6993	.7003	.7013	.7023
68	.6938	.6948	.6958	.6968	.6978	.6988	.6998	.7008	.7018	.7028
69	.6943	.6953	.6963	.6973	.6983	.6993	.7003	.7013	.7023	.7033
70	.6948	.6958	.6968	.6978	.6988	.6998	.7008	.7018	.7028	.7038
71	.6953	.6963	.6973	.6983	.6993	.7002	.7012	.7022	.7032	.7042
72	.6958	.6968	.6978	.6988	.6998	.7007	.7017	.7027	.7037	.7047
73	.6962	.6972	.6982	.6992	.7002	.7011	.7021	.7031	.7041	.7051
74	.6967	.6977	.6987	.6997	.7007	.7016	.7026	.7036	.7046	.7056
75	.6972	.6982	.6992	.7002	.7012	.7021	.7031	.7041	.7051	.7061
76	.6977	.6987	.6997	.7006	.7016	.7026	.7036	.7046	.7055	.7065
77	.6981	.6991	.7001	.7011	.7021	.7030	.7040	.7050	.7060	.7070
78	.6986	.6996	.7006	.7016	.7026	.7035	.7045	.7055	.7065	.7075
79	.6991	.7001	.7011	.7020	.7030	.7040	.7050	.7060	.7069	.7079
80	.6996	.7006	.7016	.7025	.7035	.7045	.7055	.7065	.7074	.7084
81	.7001	.7011	.7021	.7030	.7040	.7050	.7060	.7070	.7079	.7089
82	.7005	.7015	.7025	.7034	.7044	.7054	.7064	.7074	.7083	.7093
83	.7010	.7020	.7030	.7039	.7049	.7059	.7069	.7079	.7088	.7098
84	.7015	.7025	.7035	.7044	.7054	.7064	.7074	.7084	.7093	.7103
85	.7020	.7030	.7040	.7049	.7059	.7069	.7079	.7089	.7098	.7108
86	.7024	.7034	.7044	.7053	.7063	.7073	.7083	.7093	.7102	.7112
87	.7029	.7039	.7049	.7058	.7068	.7078	.7088	.7098	.7107	.7117
88	.7034	.7044	.7054	.7063	.7073	.7083	.7093	.7103	.7112	.7122
89	.7038	.7048	.7058	.7067	.7077	.7087	.7097	.7107	.7116	.7126
90	.7043	.7053	.7063	.7072	.7082	.7092	.7102	.7112	.7121	.7131

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.6704	0.6714	0.6725	0.6735	0.6745	0.6756	0.6766	0.6777	0.6787	0.6798
1	.6709	.6719	.6730	.6740	.6750	.6761	.6771	.6782	.6792	.6803
2	.6714	.6724	.6735	.6745	.6755	.6766	.6776	.6787	.6797	.6808
3	.6719	.6729	.6740	.6750	.6760	.6771	.6781	.6792	.6802	.6813
4	.6724	.6734	.6745	6755	.6765	.6776	.6786	.6797	.6807	.6818
5	.6729	.6739	.6750	.6760	.6770	.6781	.6791	.6802	.6812	.6823
6	.6734	.6744	.6755	.6765	.6775	.6786	.6796	.6807	.6817	.6828
7	.6739	.6749	.6760	.6770	.6780	.6791	.6801	.6812	.6822	.6833
8	.6744	.6754	.6765	.6775	.6785	.6796	.6806	.6817	.6827	.6838
9	.6749	.6759	.6770	.6780	.6790	.6801	.6811	.6821	.6832	.6842
10	.6754	.6764	.6775	.6785	.6795	.6806	.6816	.6826	.6837	.6847
11	.6759	.6769	.6780	.6790	.6800	.6811	.6821	.6831	.6841	.6852
12	.6764	.6774	.6785	.6795	.6805	.6816	.6826	.6836	.6846	.6857
13	.6769	.6779	6790	.6800	.6810	.6821	.6831	.6841	.6851	.6862
14	.6774	.6784	.6795	.6805	.6815	.6826	.6836	.6846	.6856	.6867
15	.6779	.6789	.6800	.6810	.6820	.6831	.6841	.6851	.6861	.6872
16	.6784	.6794	.6805	.6815	.6825	.6836	.6846	.6856	.6866	.6877
17	.6789	.6799	.6810	.6820	.6830	.6841	.6851	.6861	.6871	.6882
18	.6794	.6804	.6815	.6825	.6835	.6846	.6856	.6866	.6876	.6887
19	.6799	.6809	.6820	.6830	.6840	.6851	.6861	.6871	.6881	.6892
20	.6804	.6814	.6825	.6835	.6845	.6856	.6866	.6876	.6886	.6897
21	.6809	.6819	.6830	.6840	.6850	.6861	.6871	.6881	.6891	.6902
22	.6814	.6824	.6835	.6845	.6855	.6866	.6876	.6886	.6896	.6907
23	.6819	6829	.6840	.6850	.6860	.6871	.6881	.6891	.6901	.6912
24	.6824	.6834	.6845	.6855	.6865	.6876	.6886	.6896	.6906	.6917
25	.6829	.6839	.6850	.6860	.6870	.6881	.6891	.6901	.6911	.6922
26	.6834	.6844	.6855	.6865	.6875	.6886	.6896	.6906	.6916	.6927
27	.6839	.6849	.6860	.6870	.6880	.6891	.6901	.6911	.6921	.6932
28	.6844	.6854	.6865	.6875	.6885	.6896	.6906	.6916	.6926	.6937
29	.6849	.6859	.6870	.6880	.6890	.6901	.6911	.6921	.6931	.6942
30	.6854	.6864	.6875	.6885	.6895	.6906	.6916	.6926	.6937	.6947
31	.6859	.6869	.6880	.6890	.6900	.6911	.6921	.6931	.6941	.6952
32	.6864	.6874	.6884	.6895	.6905	.6915	.6925	.6935	.6946	.6956
33	.6869	.6879	.6889	.6900	.6910	.6920	.6930	.6940	.6951	.6961
34	.6874	.6884	.6894	.6905	.6915	.6925	.6935	.6945	.6956	.6966
35	.6879	.6889	.6899	.6910	.6920	.6930	.6940	.6950	.6961	.6971
36	.6884	.6894	.6904	.6915	.6925	.6935	.6945	.6955	.6966	.6976
37	.6889	.6899	.6909	.6920	.6930	.6940	.6950	.6960	.6971	.6981
38	.6894	.6904	.6914	.6925	.6935	.6945	.6955	.6965	.6976	.6986
39	.6899	.6909	.6919	.6930	.6940	.6950	.6960	.6970	.6981	.6991
40	.6903	.6913	.6923	.6934	.6944	.6954	.6964	.6974	.6985	.6995
41	.6908	.6918	.6928	.6939	.6949	.6959	.6969	.6979	.6990	.7000
42	.6913	.6923	.6933	.6943	.6954	.6964	.6974	.6984	.6995	.7005
43	.6918	.6928	.6938	.6948	.6958	.6969	.6979	.6989	.6999	.7009
44	.6923	.6933	.6943	.6953	.6963	.6974	.6984	.6994	.7004	.7014
45	.6928	.6938	.6948	.6958	.6968	.6979	.6989	.6999	.7009	.7019
46	.6933	.6943	.6953	.6963	.6973	.6984	.6994	.7004	.7014	.7024
47	.6938	.6948	.6958	.6968	.6978	.6989	.6999	.7009	.7019	.7029
48	.6943	.6953	.6963	.6973	.6983	.6994	.7004	.7014	.7024	.7034
49	.6948	.6958	.6968	.6978	.6988	.6998	.7009	.7019	.7029	.7039
50	.6952	.6962	.6972	.6982	.6992	.7003	.7013	.7023	.7033	.7043
51	.6957	.6967	.6977	.6987	.6997	.7008	.7018	.7028	.7038	.7048
52	.6962	.6972	.6982	.6992	.7002	.7013	.7023	.7033	.7043	.7053
53	.6966	.6976	.6986	.6996	.7006	.7017	.7027	.7037	.7047	.7057
54	.6971	.6981	.6991	.7001	.7011	.7022	.7032	.7042	.7052	.7062
55	.6976	.6986	.6996	.7006	.7016	.7027	.7037	.7047	.7057	.7067
56	.6981	.6991	.7001	.7011	.7021	.7032	.7042	.7052	.7062	.7072
57	.6986	.6996	.7006	.7016	.7026	.7036	.7046	.7056	.7066	.7076
58	.6990	.7000	.7010	.7020	.7030	.7040	.7050	.7060	.7070	.7080
59	.6995	.7005	.7015	.7025	.7035	.7045	.7055	.7065	.7075	.7085
60	.7000	.7010	.7020	.7030	.7040	.7050	.7060	.7070	.7080	.7090
61	.7005	.7015	.7025	.7035	.7045	.7054	.7064	.7074	.7084	.7094
62	.7009	.7019	.7029	.7039	.7049	.7059	.7069	.7079	.7089	.7099
63	.7014	.7024	.7034	.7044	.7054	.7064	.7074	.7084	.7094	.7104
64	.7019	.7029	.7039	.7049	.7059	.7069	.7079	.7089	.7099	.7109

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.7024	0.7034	0.7044	0.7054	0.7064	0.7074	0.7084	0.7094	0.7104	0.7114
66	.7028	.7038	.7048	.7058	.7068	.7078	.7088	.7098	.7108	.7118
67	.7033	.7043	.7053	.7063	.7073	.7083	.7093	.7103	.7113	.7123
68	.7038	.7048	.7058	.7068	.7078	.7087	.7097	.7107	.7117	.7127
69	.7043	.7053	.7063	.7073	.7083	.7092	.7102	.7112	.7122	.7132
70	.7048	.7058	.7068	.7078	.7088	.7097	.7107	.7117	.7127	.7137
71	.7052	.7062	.7072	.7082	.7092	.7102	.7112	.7122	.7132	.7142
72	.7057	.7067	.7077	.7087	.7097	.7107	.7117	.7127	.7137	.7147
73	.7061	.7071	.7081	.7091	.7101	.7111	.7121	.7131	.7141	.7151
74	.7066	.7076	.7086	.7096	.7106	.7115	.7125	.7135	.7145	.7155
75	.7071	.7081	.7091	.7101	.7111	.7120	.7130	.7140	.7150	.7160
76	.7075	.7085	.7095	.7105	.7115	.7124	.7134	.7144	.7154	.7164
77	.7080	.7090	.7100	.7110	.7120	.7129	.7139	.7149	.7159	.7169
78	.7085	.7095	.7105	.7115	7125	.7134	.7144	.7154	.7164	.7174
79	.7089	.7099	.7109	.7119	.7129	.7138	.7148	.7158	.7168	.7178
80	.7094	.7104	.7114	.7124	.7134	.7143	.7153	.7163	.7173	.7183
81	.7099	.7109	.7119	.7128	.7138	.7148	.7158	.7168	.7177	.7187
82	.7103	.7113	.7123	.7132	.7142	.7152	.7162	.7172	.7181	.7191
83	.7108	.7118	.7128	.7137	.7147	.7157	.7167	.7177	.7186	.7196
84	.7113	.7122	.7132	.7142	.7152	.7161	.7171	.7181	.7191	.7201
85	.7118	.7127	.7137	.7147	.7157	.7166	.7176	.7186	.7196	.7206
86	.7122	.7132	.7142	.7151	.7161	.7171	.7181	.7191	.7200	.7210
87	.7127	.7137	.7147	.7156	.7166	.7176	.7186	.7196	.7205	.7215
88	.7132	.7142	.7152	.7161	.7171	.7181	.7191	.7201	.7210	.7220
89	.7136	.7147	.7156	.7166	.7176	.7185	.7195	.7205	.7214	.7224
90	.7141	.7151	.7161	.7170	.7180	.7190	.7200	.7210	.7219	.7229
91	.7146	.7156	.7165	.7175	.7185	.7194	.7204	.7214	.7224	.7233
92	.7151	.7161	.7170	.7180	.7190	.7199	.7209	.7219	.7229	.7238
93	.7155	.7165	.7174	.7184	.7194	.7203	.7213	.7223	.7233	.7242
94	.7160	.7170	.7179	.7189	.7199	.7208	.7218	.7228	.7238	.7247
95	.7164	.7174	.7184	.7193	.7203	.7213	.7223	.7233	.7242	.7252
96	.7169	.7179	.7188	.7198	.7208	.7217	.7227	.7237	.7247	.7256
97	.7174	.7184	.7193	.7203	.7213	.7222	.7232	.7242	.7252	.7261
98	.7179	.7189	.7198	.7208	.7218	.7227	.7237	.7247	.7257	.7266
99	.7184	.7194	.7203	.7213	.7223	.7232	.7242	.7252	.7262	.7271
100	.7188	.7198	.7207	.7217	.7227	.7236	.7246	.7256	.7266	.7275
101	.7192	.7202	.7211	.7221	.7231	.7240	.7250	.7260	.7270	.7279
102	.7196	.7206	.7215	.7225	.7235	.7244	.7254	.7264	.7274	.7283
103	.7200	.7210	.7219	.7229	.7239	.7248	.7258	.7268	.7278	.7287
104	.7205	.7215	.7224	.7234	.7244	.7253	.7263	.7273	.7283	.7292
105	.7209	.7219	.7229	.7238	.7248	.7257	.7267	.7277	.7287	.7296
106	.7214	.7224	.7234	.7243	.7253	.7262	.7272	.7282	.7292	.7301
107	.7219	.7229	.7238	.7248	.7257	.7267	.7277	.7286	.7296	.7305
108	.7223	.7233	.7242	.7252	.7262	.7271	.7281	.7291	.7301	.7310
109	.7227	.7237	.7246	.7256	.7266	.7275	.7285	.7295	.7305	.7314
110	.7232	.7242	.7251	.7261	.7270	.7280	.7290	.7299	.7309	.7318
111	.7236	.7246	.7255	.7265	.7274	.7284	.7294	.7303	.7313	.7322
112	.7240	.7250	.7259	.7269	.7279	.7288	.7298	.7308	.7318	.7327
113	.7245	.7255	.7264	.7274	.7283	.7293	.7303	.7312	.7322	.7331
114	.7250	.7260	.7269	.7279	.7288	.7298	.7308	.7317	.7327	.7336
115	.7254	.7264	.7273	.7283	.7292	.7302	.7312	.7321	.7331	.7340
116	.7258	.7268	.7277	.7287	.7296	.7306	.7316	.7325	.7335	.7344
117	.7262	.7272	.7281	.7291	.7300	.7310	.7320	.7329	.7339	.7348
118	.7266	.7276	.7285	.7295	.7305	.7314	.7324	.7334	.7344	.7353
119	.7270	.7280	.7289	.7299	.7309	.7318	.7328	.7338	.7348	.7357
120	.7275	.7285	.7294	.7304	.7313	.7323	.7333	.7342	.7352	.7361
121	.7280	.7290	.7299	.7309	.7318	.7328	.7338	.7347	.7357	.7366
122	.7285	.7295	.7304	.7314	.7323	.7333	.7342	.7352	.7361	.7371
123	.7289	.7299	.7308	.7318	.7327	.7337	.7347	.7356	.7366	.7375
124	.7293	.7303	.7312	.7322	.7331	.7341	.7351	.7360	.7370	.7379
125	.7297	.7307	.7316	.7326	.7335	.7345	.7355	.7364	.7374	.7383
126	.7302	.7312	.7321	.7331	.7340	.7350	.7359	.7369	.7378	.7388
127	.7307	.7317	.7326	.7335	.7345	.7354	.7364	.7373	.7382	.7392
128	.7311	.7321	.7330	.7340	.7349	.7359	.7368	.7378	.7387	.7397
129	.7315	.7325	.7334	.7344	.7353	.7363	.7372	.7382	.7391	.7401
130	.7319	.7329	.7338	.7348	.7357	.7367	.7376	.7386	.7395	.7405

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TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.6808	0.6818	0.6829	0.6839	0.6850	0.6860	0.6870	0.6881	0.6891	0.6902
1	.6813	.6823	.6834	.6844	.6855	.6865	.6875	.6886	.6896	.6907
2	.6818	.6828	.6839	.6849	.6860	.6870	.6880	.6891	.6901	.6912
3	.6823	.6833	.6844	.6854	.6865	.6875	.6885	.6896	.6906	.6917
4	.6828	.6838	.6849	.6859	.6870	.6880	.6890	.6901	.6911	.6922
5	.6833	.6843	.6854	.6864	.6875	.6885	.6895	.6906	.6916	.6927
6	.6838	.6848	.6859	.6869	6879	6890	6900	6910	.6920	.6931
7	.6843	.6853	.6864	.6874	.6884	.6895	.6905	.6915	.6925	.6936
8	.6848	.6858	.6869	.6879	.6889	.6900	.6910	.6920	.6930	.6941
9	.6852	.6862	.6873	.6883	.6894	.6904	.6914	.6925	.6935	.6946
10	.6857	.6867	.6878	.6888	.6899	.6909	.6919	.6930	6940	.6951
11	.6862	.6872	.6883	.6893	.6904	.6914	.6924	.6935	.6945	.6956
12	.6867	.6877	.6888	.6898	.6909	6919	.6929	.6940	.6950	.6961
13	.6872	.6882	.6893	.6903	.6913	6924	.6934	.6944	.6954	.6965
14	.6877	.6887	.6898	.6908	.6918	.6929	.6939	.6949	.6959	.6970
15	.6882	.6892	.6903	.6913	.6923	.6934	.6944	.6954	.6964	.6975
16	.6887	.6897	.6908	.6918	.6928	.6939	.6949	.6959	.6969	.6980
17	.6892	.6902	.6913	.6923	.6933	.6944	.6954	.6964	.6974	.6985
18	.6897	.6907	.6918	.6928	.6938	.6949	.6959	.6969	.6979	.6990
19	.6902	.6912	.6923	.6933	.6943	.6954	.6964	.6974	.6984	.6995
20	.6907	.6917	.6928	.6938	.6948	.6959	.6969	.6979	.6989	.7000
21	.6912	.6922	.6933	.6943	.6953	.6964	.6974	.6984	.6994	.7005
22	.6917	.6927	.6938	.6948	.6958	.6969	.6979	.6989	.6999	.7010
23	.6922	.6932	.6943	.6953	.6963	.6974	.6984	.6994	.7004	.7015
24	.6927	.6937	.6948	.6958	.6968	.6979	.6989	.6999	.7009	.7020
25	.6932	.6942	.6953	.6963	.6973	.6984	.6994	.7004	.7014	.7025
26	.6937	.6947	.6957	.6968	.6978	.6988	.6998	.7008	.7019	.7029
27	.6942	.6952	.6962	.6973	.6983	.6993	.7003	.7013	.7024	.7034
28	.6947	.6957	.6967	.6978	.6988	.6998	.7008	.7018	.7029	.7039
29	.6952	.6962	.6972	.6983	.6993	.7003	.7013	.7023	.7034	.7044
30	.6957	.6967	.6977	.6988	.6998	.7008	.7018	.7028	.7039	.7049
31	.6962	.6972	.6982	.6993	.7003	.7013	.7023	.7033	.7044	.7054
32	.6966	.6976	.6986	.6997	.7007	.7017	.7027	.7037	.7048	.7058
33	.6971	.6981	.6991	.7002	.7012	.7022	.7032	.7042	.7053	.7063
34	.6976	.6986	.6996	.7007	.7017	.7027	.7037	.7047	.7058	.7068
35	.6981	.6991	.7001	.7012	.7022	.7032	.7042	.7052	.7063	.7073
36	.6986	.6996	.7006	.7017	.7027	.7037	.7047	.7057	.7068	.7078
37	.6991	.7001	.7011	.7021	.7031	.7042	.7052	.7062	.7072	.7082
38	.6996	.7006	.7016	.7026	.7036	.7047	.7057	.7067	.7077	.7087
39	.7001	.7011	.7021	.7031	.7041	.7052	.7062	.7072	.7082	.7092
40	.7005	.7015	.7025	.7035	.7045	.7056	.7066	.7076	.7086	.7096
41	.7010	.7020	.7030	.7040	.7050	.7061	.7071	.7081	.7091	.7101
42	.7015	.7025	.7035	.7045	.7055	.7066	.7076	.7086	.7096	.7106
43	.7019	.7029	.7039	.7049	.7059	.7070	.7080	.7090	.7100	.7110
44	.7024	.7034	.7044	.7054	.7064	.7075	.7085	.7095	.7105	.7115
45	.7029	.7039	.7049	.7059	.7069	.7080	.7090	.7100	.7110	.7120
46	.7034	.7044	.7054	.7064	.7074	.7085	.7095	.7105	.7115	.7125
47	.7039	.7049	.7059	.7069	.7079	.7090	.7100	.7110	.7120	.7130
48	.7044	.7054	.7064	.7074	.7084	.7095	.7105	.7115	.7125	.7135
49	.7049	.7059	.7069	.7079	.7089	.7099	.7109	.7119	.7129	.7139
50	.7053	.7063	.7073	.7083	.7093	.7103	.7113	.7123	.7133	.7143
51	.7058	.7068	.7078	.7088	.7098	.7108	.7118	.7128	.7138	.7148
52	.7063	.7073	.7083	.7093	.7103	.7113	.7123	.7133	.7143	.7153
53	.7067	.7077	.7087	.7097	.7107	.7117	.7127	.7137	.7147	.7157
54	.7072	.7082	.7092	.7102	.7112	.7122	.7132	.7142	.7152	.7162
55	.7077	.7087	.7097	.7107	.7117	.7127	.7137	.7147	.7157	.7167
56	.7082	.7092	.7102	.7112	.7122	.7132	.7142	.7152	.7162	.7172
57	.7086	.7096	.7106	.7116	.7126	.7136	.7146	.7156	.7166	.7176
58	.7090	.7100	.7110	.7120	.7130	.7140	.7150	.7160	7170	.7180
59	.7095	.7105	.7115	.7125	.7135	.7145	.7155	.7165	.7175	.7185
60	.7100	.7110	.7120	.7130	.7140	.7150	.7160	.7170	.7180	.7190
61	.7104	.7114	.7124	.7134	.7144	.7154	.7164	.7174	.7184	.7194
62	.7109	.7119	.7129	.7139	.7149	.7159	.7169	.7179	.7189	.7199
63	.7114	.7124	.7134	.7144	.7154	.7164	.7174	.7184	.7194	.7204
64	.7119	.7129	.7139	.7149	.7159	.7169	.7179	.7189	.7199	.7209

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.7124	0.7134	0.7144	0.7154	0.7164	0.7174	0.7184	0.7194	0.7204	0.7214
66	.7128	.7138	.7148	.7158	.7168	.7178	.7188	.7198	.7208	.7218
67	.7133	.7143	.7153	.7163	.7173	.7183	.7193	.7203	.7213	.7223
68	.7137	.7147	.7157	.7167	.7177	.7187	.7197	.7207	.7217	.7227
69	.7142	.7152	.7162	.7172	.7182	.7191	.7201	.7211	.7221	.7231
70	.7147	.7157	.7167	.7177	.7187	.7196	.7206	.7216	.7226	.7236
71	.7152	.7162	.7172	.7182	.7192	.7201	.7211	.7221	.7231	.7241
72	.7157	.7167	.7177	.7187	.7197	.7206	.7216	.7226	.7236	.7246
73	.7161	.7171	.7181	.7191	.7201	.7210	.7220	.7230	.7240	.7250
74	.7165	.7175	.7185	.7195	.7205	.7215	.7225	.7235	.7245	.7255
75	.7170	.7180	.7190	.7200	.7210	.7219	.7229	.7239	.7249	.7259
76	.7174	.7184	.7194	.7204	.7214	.7223	.7233	.7243	.7253	.7263
77	.7179	.7189	.7199	.7209	.7219	.7228	.7238	.7248	.7258	.7268
78	.7184	.7194	.7204	.7214	.7224	.7233	.7243	.7253	.7263	.7273
79	.7188	.7198	.7208	.7218	.7228	.7237	.7247	.7257	.7267	.7277
80	.7193	.7203	.7213	.7222	.7232	.7242	.7252	.7262	.7271	.7281
81	.7197	.7207	.7217	.7226	.7236	.7246	.7256	.7266	.7275	.7285
82	.7201	.7211	.7221	.7231	.7241	.7250	.7260	.7270	.7280	.7290
83	.7206	.7216	.7226	.7235	.7245	.7255	.7265	.7275	.7284	.7294
84	.7211	.7221	.7231	.7240	.7250	.7260	.7270	.7280	.7289	.7299
85	.7216	.7226	.7236	.7245	.7255	.7265	.7275	.7285	.7294	.7304
86	.7220	.7230	.7240	.7249	.7259	.7269	.7279	.7289	.7298	.7308
87	.7225	.7235	.7245	.7254	.7264	.7274	.7284	.7294	.7303	.7313
88	.7230	.7240	.7250	.7259	.7269	.7279	.7289	.7299	.7308	.7318
89	.7234	.7244	.7254	.7263	.7273	.7283	.7293	.7303	.7312	.7322
90	.7239	.7249	.7258	.7268	.7278	.7287	.7297	.7307	.7317	.7326
91	.7243	.7253	.7262	.7272	.7282	.7291	.7301	.7311	.7321	.7330
92	.7248	.7258	.7267	.7277	.7287	.7296	.7306	.7316	.7326	.7335
93	.7252	.7262	.7271	.7281	.7291	.7300	.7310	.7320	.7330	.7339
94	.7257	.7267	.7276	.7286	.7296	.7305	.7315	.7325	.7335	.7344
95	.7262	.7272	.7281	.7291	.7301	.7310	.7320	.7330	.7340	.7349
96	.7266	.7276	.7285	.7295	.7305	.7314	.7324	.7334	.7344	.7353
97	.7271	.7281	.7290	.7300	.7310	.7319	.7329	.7339	.7349	.7358
98	.7276	.7286	.7295	.7305	.7315	.7324	.7334	.7344	.7354	.7363
99	.7281	.7291	.7300	.7310	.7319	.7329	.7339	.7348	.7358	.7367
100	.7285	.7295	.7304	.7314	.7323	.7333	.7343	.7352	.7362	.7371
101	.7289	.7299	.7308	.7318	.7327	.7337	.7347	.7356	.7266	.7375
102	.7293	.7303	.7312	.7322	.7331	.7341	.7351	.7360	.7370	.7379
103	.7297	.7307	.7316	.7326	.7336	.7345	.7355	.7365	.7375	.7384
104	.7302	.7312	.7321	.7331	.7340	.7350	.7360	.7369	.7379	.7388
105	.7306	.7316	.7325	.7335	.7345	.7354	.7364	.7374	.7384	.7393
106	.7311	.7321	.7330	.7340	.7349	.7359	.7369	.7378	.7388	.7397
107	.7315	.7325	.7334	.7344	.7353	.7363	.7373	.7382	.7392	.7401
108	.7320	.7330	.7339	.7349	.7358	.7368	.7378	.7387	.7397	.7406
109	.7324	.7334	.7343	.7353	.7362	.7372	.7382	.7391	.7401	.7410
110	.7328	.7338	.7347	.7357	.7366	.7376	.7386	.7395	.7405	.7414
111	.7332	.7342	.7351	.7361	.7370	.7380	.7390	.7399	.7409	.7418
112	.7337	.7347	.7356	.7366	.7375	.7385	.7395	.7404	.7414	.7423
113	.7341	.7351	.7360	.7370	.7379	.7389	.7399	.7408	.7418	.7427
114	.7346	.7356	.7365	.7375	.7384	.7394	.7403	.7413	.7422	.7432
115	.7350	.7360	.7369	.7379	.7388	.7398	.7407	.7417	.7426	.7436
116	.7354	.7364	.7373	.7383	.7392	.7402	.7411	.7421	.7430	.7440
117	.7358	.7368	.7377	.7387	.7396	.7406	.7416	.7425	.7435	.7444
118	.7363	.7373	.7382	.7392	.7401	.7411	.7421	.7430	.7440	.7449
119	.7367	.7377	.7386	.7396	.7405	.7415	.7425	.7434	.7444	.7453
120	.7371	.7381	.7390	.7400	.7409	.7419	.7429	.7438	.7448	.7457
121	.7376	.7386	.7395	.7405	.7414	.7424	.7433	.7443	.7452	.7462
122	.7380	.7390	.7399	.7409	.7418	.7428	.7437	.7447	.7456	.7466
123	.7384	.7394	.7403	.7413	.7422	.7432	.7441	.7451	.7460	.7470
124	.7388	.7398	.7407	.7417	.7426	.7436	.7445	.7455	.7464	.7474
125	.7392	.7402	.7411	.7421	.7430	.7440	.7449	.7459	.7468	.7478
126	.7397	.7406	.7416	.7425	.7435	.7444	.7453	.7463	.7472	.7482
127	.7401	.7411	.7420	.7430	.7439	.7449	.7458	.7468	.7477	.7487
128	.7406	.7415	.7425	.7434	.7444	.7453	.7462	.7472	.7481	.7491
129	.7410	.7419	.7429	.7438	.7448	.7457	.7466	.7476	.7485	.7495
130	.7414	.7423	.7433	.7442	.7452	.7461	.7470	.7480	.7489	.7499

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.6912	0.6922	0.6933	0.6943	0.6954	0.6964	0.6974	0.6985	0.6995	0.7006
1	.6917	.6927	.6938	.6948	.6959	.6969	.6979	.6990	.7000	.7011
2	.6922	.6932	.6943	.6953	.6964	.6974	.6984	.6995	.7005	.7016
3	.6927	.6937	.6948	.6958	.6969	.6979	.6989	.7000	.7010	.7021
4	.6932	.6942	.6953	.6963	.6974	.6984	.6994	.7005	.7015	.7026
5	.6937	.6947	.6958	.6968	.6978	.6989	.6999	.7009	.7020	.7030
6	.6941	.6951	.6962	.6972	.6983	.6993	.7003	.7014	.7024	.7035
7	.6946	.6956	.6967	.6977	.6988	.6998	.7008	.7019	.7029	.7040
8	.6951	.6961	.6972	.6982	.6993	.7003	.7013	.7024	.7034	.7045
9	.6956	.6966	.6977	.6987	.6998	.7008	.7018	.7029	.7039	.7050
10	.6961	.6971	.6982	.6992	.7003	.7013	.7023	.7034	.7044	.7055
11	.6966	.6976	.6987	.6997	.7008	.7018	.7028	.7039	.7049	.7060
12	.6971	.6981	.6992	.7002	.7013	.7023	.7033	.7044	.7054	.7065
13	.6975	.6985	.6996	.7006	.7017	.7027	.7037	.7048	.7058	.7069
14	.6980	.6990	.7001	.7011	.7022	.7032	.7042	.7053	.7063	.7074
15	.6985	.6995	.7006	.7016	.7027	.7037	.7047	.7058	.7068	.7079
16	.6990	.7000	.7011	.7021	.7032	.7042	.7052	.7063	.7073	.7084
17	.6995	.7005	.7016	.7026	.7037	.7047	.7057	.7068	.7078	.7089
18	.7000	.7010	.7021	.7031	.7042	.7052	.7062	.7073	.7083	.7094
19	.7005	.7015	.7026	.7036	.7047	.7057	.7067	.7078	.7088	.7099
20	.7010	.7020	.7031	.7041	.7051	.7062	.7072	.7082	.7092	.7103
21	.7015	.7025	.7036	.7046	.7056	.7067	.7077	.7087	.7097	.7108
22	.7020	.7030	.7041	.7051	.7061	.7072	.7082	.7092	.7102	.7113
23	.7025	.7035	.7045	.7056	.7066	.7076	.7086	.7096	.7107	.7117
24	.7030	.7040	.7050	.7061	.7071	.7081	.7091	.7101	.7112	.7122
25	.7035	.7045	.7055	.7066	.7076	.7086	.7096	.7106	.7117	.7127
26	.7039	.7049	.7060	.7070	.7080	.7091	.7101	.7111	.7121	.7132
27	.7044	.7054	.7065	.7075	.7085	.7096	.7106	.7116	.7126	.7137
28	.7049	.7059	.7070	.7080	.7090	.7101	.7111	.7121	.7131	.7142
29	.7054	.7064	.7075	.7085	.7095	.7106	.7116	.7126	.7136	.7147
30	.7059	.7069	.7079	.7090	.7100	.7110	.7120	.7130	.7141	.7151
31	.7064	.7074	.7084	.7095	.7105	.7115	.7125	.7135	.7146	.7156
32	.7068	.7078	.7088	.7099	.7109	.7119	.7129	.7139	.7150	.7160
33	.7073	.7083	.7093	.7104	.7114	.7124	.7134	.7144	.7155	.7165
34	.7078	.7088	.7098	.7109	.7119	.7129	.7139	.7149	.7160	.7170
35	.7083	.7093	.7103	.7114	.7124	.7134	.7144	.7154	.7165	.7175
36	.7088	.7098	.7108	.7119	.7129	.7139	.7149	.7159	.7170	.7180
37	.7092	.7102	.7112	.7123	.7133	.7143	.7153	.7163	.7174	.7184
38	.7097	.7107	.7117	.7128	.7138	.7148	.7158	.7168	.7179	.7189
39	.7102	.7112	.7122	.7132	.7142	.7153	.7163	.7173	.7183	.7193
40	.7106	.7116	.7126	.7137	.7147	.7157	.7167	.7177	.7188	.7198
41	.7111	.7121	.7131	.7141	.7151	.7162	.7172	.7182	.7192	.7202
42	.7116	.7126	.7136	.7146	.7156	.7167	.7177	.7187	.7197	.7207
43	.7120	.7130	.7140	.7150	.7160	.7171	.7181	.7191	.7201	.7211
44	.7125	.7135	.7145	.7155	.7165	.7176	.7186	.7196	.7206	.7216
45	.7130	.7140	.7150	.7160	.7170	.7181	.7191	.7201	.7211	.7221
46	.7135	.7145	.7155	.7165	.7175	.7186	.7196	.7206	.7216	.7226
47	.7140	.7150	.7160	.7170	.7180	.7191	.7201	.7211	.7221	.7231
48	.7145	.7155	.7165	.7175	.7185	.7195	.7205	.7215	.7225	.7235
49	.7149	.7159	.7169	.7179	.7189	.7200	.7210	.7220	.7230	.7240
50	.7153	.7163	.7173	.7183	.7193	.7204	.7214	.7224	.7234	.7244
51	.7158	.7168	.7178	.7188	.7198	.7209	.7219	.7229	.7239	.7249
52	.7163	.7173	.7183	.7193	.7203	.7214	.7224	.7234	.7244	.7254
53	.7167	.7177	.7187	.7197	.7207	.7218	.7228	.7238	.7248	.7258
54	.7172	.7182	.7192	.7202	.7212	.7223	.7233	.7243	.7253	.7263
55	.7177	.7187	.7197	.7207	.7217	.7227	.7237	.7247	.7257	.7267
56	.7182	.7192	.7202	.7212	.7222	.7232	.7242	.7252	.7262	.7272
57	.7186	.7196	.7206	.7216	.7226	.7236	.7246	.7256	.7266	.7276
58	.7190	.7200	.7210	.7220	.7230	.7240	.7250	.7260	.7270	.7280
59	.7195	.7205	.7215	.7225	.7235	.7245	.7255	.7265	.7275	.7285
60	.7200	.7210	.7220	.7230	.7240	.7250	.7260	.7270	.7280	.7290
61	.7204	.7214	.7224	.7234	.7244	.7254	.7264	.7274	.7284	.7294
62	.7209	.7219	.7229	.7239	.7249	.7259	.7269	.7279	.7289	.7299
63	.7214	.7224	.7234	.7244	.7254	.7264	.7274	.7284	.7294	.7304
64	.7219	.7229	.7239	.7249	.7259	.7269	.7279	.7289	.7299	.7309

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.7224	0.7234	0.7244	0.7254	0.7264	0.7273	0.7283	0.7293	0.7303	0.7313
66	.7228	.7238	.7248	.7258	.7268	.7277	.7287	.7297	.7307	.7317
67	.7233	.7243	.7253	.7263	.7273	.7282	.7292	.7302	.7312	.7322
68	.7237	.7247	.7257	.7267	.7277	.7286	.7296	.7306	.7316	.7326
69	.7241	.7251	.7261	.7271	.7281	.7290	.7300	.7310	.7320	.7330
70	.7246	.7256	.7266	.7276	.7286	.7295	.7305	.7315	.7325	.7335
71	.7251	.7261	.7271	.7281	.7291	.7300	.7310	.7320	.7330	.7340
72	.7256	.7266	.7276	.7285	.7295	.7305	.7315	.7325	.7334	.7344
73	.7260	.7270	.7280	.7290	.7300	.7309	.7319	.7329	.7339	.7349
74	.7265	.7275	.7285	.7294	.7304	.7314	.7324	.7334	.7343	.7353
75	.7269	.7279	.7289	.7298	.7308	.7318	.7328	.7338	.7347	.7357
76	.7273	.7283	.7293	.7303	.7313	.7322	.7332	.7342	.7352	.7362
77	.7278	.7288	.7298	.7308	.7318	.7327	.7337	.7347	.7357	.7367
78	.7283	.7293	.7303	.7312	.7322	.7332	.7342	.7352	.7361	.7371
79	.7287	.7297	.7307	.7316	.7326	.7336	.7346	.7356	.7365	.7375
80	.7291	.7301	.7311	.7320	.7330	.7340	.7350	.7360	.7369	.7379
81	.7295	.7305	.7315	.7324	.7334	.7344	.7354	.7364	.7373	.7383
82	.7300	.7310	.7320	.7329	.7339	.7349	.7359	.7369	.7378	.7388
83	.7304	.7314	.7324	.7333	.7343	.7353	.7363	.7373	.7382	.7392
84	.7309	.7319	.7329	.7338	.7348	.7358	.7368	.7378	.7387	.7397
85	.7314	.7324	.7333	.7343	.7353	.7362	.7372	.7382	.7392	.7401
86	.7318	.7328	.7338	.7347	.7357	.7367	.7377	.7387	.7396	.7406
87	.7323	.7333	.7342	.7352	.7362	.7371	.7381	.7391	.7401	.7410
88	.7328	.7338	.7347	.7357	.7367	.7376	.7386	.7396	.7406	.7415
89	.7332	.7342	.7351	.7361	.7371	.7380	.7390	.7400	.7410	.7419
90	.7336	.7346	.7355	.7365	.7375	.7384	.7394	.7404	.7414	.7423
91	.7340	.7350	.7359	.7369	.7379	.7388	.7398	.7408	.7418	.7427
92	.7345	.7355	.7364	.7374	.7384	.7393	.7403	.7413	.7423	.7432
93	.7349	.7359	.7368	.7378	.7388	.7397	.7407	.7417	.7427	.7436
94	.7354	.7364	.7373	.7383	.7393	.7402	.7412	.7422	.7432	.7441
95	.7359	.7369	.7378	.7388	.7398	.7407	.7417	.7427	.7437	.7446
96	.7363	.7373	.7382	.7392	.7402	.7411	.7421	.7431	.7441	.7450
97	.7368	.7378	.7387	.7397	.7407	.7416	.7426	.7436	.7446	.7455
98	.7373	.7383	.7392	.7402	.7411	.7421	.7431	.7440	.7450	.7459
99	.7377	.7387	.7396	.7406	.7415	.7425	.7435	.7444	.7454	.7463
100	.7381	.7391	.7400	.7410	.7419	.7429	.7439	.7448	.7458	.7467
101	.7385	.7395	.7404	.7414	.7423	.7433	.7443	.7452	.7462	.7471
102	.7389	.7399	.7408	.7418	.7427	.7437	.7447	.7456	.7466	.7475
103	.7394	.7404	.7413	.7423	.7432	.7442	.7452	.7461	.7471	.7480
104	.7398	.7408	.7417	.7427	.7436	.7446	.7456	.7465	.7475	.7484
105	.7403	.7413	.7422	.7432	.7441	.7451	.7461	.7470	.7480	.7489
106	.7407	.7417	.7426	.7436	.7445	.7455	.7465	.7474	.7484	.7493
107	.7411	.7421	.7430	.7440	.7449	.7459	.7469	.7478	.7488	.7497
108	.7416	.7426	.7435	.7445	.7454	.7464	.7473	.7483	.7492	.7502
109	.7420	.7430	.7439	.7449	.7458	.7468	.7477	.7487	.7496	.7506
110	.7424	.7434	.7443	.7453	.7462	.7472	.7481	.7491	.7500	.7510
111	.7428	.7438	.7447	.7457	.7466	.7476	.7486	.7495	.7505	.7514
112	.7433	.7443	.7452	.7462	.7471	.7481	.7490	.7500	.7509	.7519
113	.7437	.7447	.7456	.7466	.7475	.7485	.7494	.7504	.7513	.7523
114	.7441	.7451	.7460	.7470	.7479	.7489	.7498	.7508	.7517	.7527
115	.7445	.7455	.7464	.7474	.7483	.7493	.7502	.7512	.7521	.7531
116	.7449	.7459	.7468	.7478	.7487	.7497	.7507	.7516	.7526	.7535
117	.7454	.7464	.7473	.7483	.7492	.7502	.7511	.7521	.7530	.7540
118	.7459	.7468	.7478	.7487	.7497	.7506	.7515	.7525	.7534	.7544
119	.7463	.7472	.7482	.7491	.7501	.7510	.7519	.7529	.7538	.7548
120	.7467	.7476	.7486	.7495	.7505	.7514	.7523	.7533	.7542	.7552
121	.7471	.7480	.7490	.7499	.7509	.7518	.7527	.7537	.7546	.7556
122	.7475	.7484	.7494	.7503	.7513	.7522	.7531	.7541	.7550	.7560
123	.7479	.7488	.7498	.7507	.7517	.7526	.7535	.7545	.7554	.7564
124	.7483	.7492	.7502	.7511	.7521	.7530	.7539	.7549	.7558	.7568
125	.7487	.7496	.7506	.7515	.7525	.7534	.7543	.7553	.7562	.7572
126	.7491	.7500	.7510	.7519	.7529	.7538	.7547	.7557	.7566	.7576
127	.7496	.7505	.7515	.7524	.7533	.7543	.7552	.7561	.7571	.7580
128	.7500	.7509	.7519	.7528	.7537	.7547	.7556	.7565	.7575	.7584
129	.7504	.7513	.7523	.7532	.7541	.7551	.7560	.7569	.7579	.7588
130	.7508	.7517	.7527	.7536	.7545	.7555	.7564	.7573	.7583	.7592

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7016	0.7026	0.7037	0.7047	0.7057	0.7068	0.7078	0.7089	0.7099	0.7110
1	.7021	.7031	.7042	.7052	.7062	.7073	.7083	.7094	.7104	.7115
2	.7026	.7036	.7047	.7057	.7067	.7078	.7088	.7099	.7109	.7120
3	.7031	.7041	.7052	.7062	.7072	.7083	.7093	.7104	.7114	.7125
4	.7036	.7046	.7057	.7067	.7077	.7088	.7098	.7109	.7119	.7130
5	.7040	.7050	.7061	.7071	.7082	.7092	.7102	.7113	.7123	.7134
6	.7045	.7055	.7066	.7076	.7087	.7097	.7107	.7118	.7128	.7139
7	.7050	.7060	.7071	.7081	.7092	.7102	.7112	.7123	.7133	.7144
8	.7055	.7065	.7076	.7086	.7097	.7107	.7117	.7128	.7138	.7149
9	.7060	.7070	.7081	.7091	.7102	.7112	7122	.7133	.7143	.7154
10	.7065	.7075	.7086	.7096	.7107	.7117	.7127	.7138	.7148	.7159
11	.7070	.7080	.7091	.7101	.7112	.7122	.7132	.7143	.7153	.7164
12	.7075	.7085	.7096	.7106	.7117	.7127	.7137	.7148	.7158	.7169
13	.7079	.7089	.7100	.7110	.7121	.7131	.7141	.7152	.7162	.7173
14	.7084	.7094	.7105	.7115	.7125	.7136	.7146	.7156	.7166	.7177
15	.7089	.7099	.7110	.7120	.7130	.7141	.7151	.7161	.7171	.7182
16	.7094	.7104	.7115	.7125	.7135	.7146	.7156	.7166	.7176	.7187
17	.7099	.7109	.7120	.7130	.7140	.7151	.7161	.7171	.7181	.7192
18	.7104	.7114	.7125	.7135	.7145	.7156	.7166	.7176	.7186	.7197
19	.7109	.7119	.7130	.7140	.7150	.7161	.7171	.7181	.7191	.7202
20	.7113	.7123	.7134	.7144	.7154	.7165	.7175	.7185	.7195	.7206
21	.7118	.7128	.7139	.7149	.7159	.7170	.7180	.7190	.7200	.7211
22	.7123	.7133	.7144	.7154	.7164	.7175	.7185	.7195	.7205	.7216
23	.7127	.7137	.7148	.7158	.7168	.7179	.7189	.7199	.7209	.7220
24	.7132	.7142	.7153	.7163	.7173	.7184	.7194	.7204	.7214	.7225
25	.7137	.7147	.7158	.7168	.7178	.7189	.7199	.7209	.7219	.7230
26	.7142	.7152	.7163	7173	.7183	.7194	.7204	.7214	.7224	.7235
27	.7147	.7157	.7167	.7178	.7188	.7198	.7208	.7218	.7229	.7239
28	.7152	.7162	.7172	.7183	.7193	.7203	.7213	.7223	.7234	.7244
29	.7157	.7167	.7177	.7188	.7198	.7208	.7218	.7228	.7239	.7249
30	.7161	.7171	.7181	.7192	.7202	.7212	.7222	.7232	.7243	.7253
31	.7166	.7176	.7186	.7197	.7207	.7217	.7227	.7237	.7248	.7258
32	.7170	.7180	.7190	.7201	.7211	.7221	.7231	.7241	.7252	.7262
33	.7175	.7185	.7195	.7206	.7216	.7226	.7236	.7246	.7257	.7267
34	.7180	.7190	.7200	.7211	.7221	.7231	.7241	.7251	.7262	.7272
35	.7185	.7195	.7205	.7216	.7226	.7236	.7246	.7256	.7267	.7277
36	.7190	.7200	.7210	.7220	.7230	.7241	.7251	.7261	.7271	.7281
37	.7194	.7204	.7214	.7224	.7234	.7245	.7255	.7265	.7275	.7285
38	.7199	.7209	.7219	.7229	.7239	.7250	.7260	.7270	.7280	.7290
39	.7203	.7213	.7223	.7234	.7244	.7254	.7264	.7274	.7285	.7295
40	.7208	.7218	.7228	.7238	.7248	.7259	.7269	.7279	.7289	.7299
41	.7212	.7222	.7232	.7243	.7253	.7263	.7273	.7283	.7294	.7304
42	.7217	.7227	.7237	.7247	.7257	.7268	.7278	.7288	.7298	.7308
43	.7221	.7231	.7241	.7252	.7262	.7272	.7282	.7292	.7303	.7313
44	.7226	.7236	.7246	.7257	.7267	.7277	.7287	.7297	.7308	.7318
45	.7231	.7241	.7251	.7261	.7271	.7282	.7292	.7302	.7312	.7322
46	.7236	.7246	.7256	.7266	.7276	.7287	.7297	.7307	.7317	.7327
47	.7241	.7251	.7261	.7271	.7281	.7292	.7302	.7312	.7322	.7332
48	.7246	.7256	.7266	.7276	.7286	.7297	.7307	.7317	.7327	.7337
49	.7250	.7260	.7270	.7280	.7290	.7301	.7311	.7321	.7331	.7341
50	.7254	.7264	.7274	.7284	.7294	.7305	.7315	.7325	.7335	.7345
51	.7259	.7269	.7279	.7289	.7299	.7309	.7319	.7329	.7339	.7349
52	.7264	.7274	.7284	.7294	.7304	.7314	7324	.7334	.7344	.7354
53	.7268	.7278	.7288	.7298	.7308	.7319	.7329	.7339	.7349	.7359
54	.7273	.7283	.7293	.7303	.7313	.7324	.7334	.7344	.7354	.7364
55	.7277	.7287	.7297	.7307	.7317	.7328	.7338	.7348	.7358	.7368
56	.7282	.7292	.7302	.7312	.7322	.7333	.7343	.7353	.7363	.7373
57	.7286	.7296	.7306	.7316	.7326	.7337	.7347	.7357	.7367	.7377
58	.7290	.7300	.7310	.7320	.7330	.7341	.7351	.7361	.7371	.7381
59	.7295	.7305	.7315	.7325	.7335	.7346	.7356	.7366	.7376	.7386
60	.7300	.7310	.7220	.7330	.7340	.7350	.7360	.7370	.7380	.7390
61	.7304	.7314	.7324	.7334	.7344	.7354	.7364	.7374	.7384	.7394
62	.7309	.7319	.7329	.7339	.7349	.7359	.7369	.7379	.7389	.7399
63	.7314	.7324	.7334	.7344	.7354	.7364	.7374	.7384	.7394	.7404
64	.7319	.7329	.7339	.7349	.7359	.7368	.7378	.7388	.7398	.7408

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.7323	0.7333	0.7343	0.7353	0.7363	0.7372	0.7382	0.7392	0.7402	0.7412
66	.7327	.7337	.7347	.7357	.7367	.7376	.7386	.7396	.7406	.7416
67	.7332	.7342	.7352	.7362	.7372	.7381	.7391	.7401	.7411	.7421
68	.7336	.7346	.7356	.7366	.7376	.7385	.7395	.7405	.7415	.7425
69	.7340	.7350	.7360	.7370	.7380	.7389	.7399	.7409	.7419	.7429
70	.7345	.7355	.7365	.7375	.7385	.7394	.7404	.7414	.7424	.7434
71	.7350	.7360	.7370	.7380	.7390	.7399	.7409	.7419	.7429	.7439
72	.7354	.7364	.7374	.7384	.7394	.7403	.7413	.7423	.7433	.7443
73	.7359	.7369	.7379	.7388	.7398	.7408	.7418	.7428	.7437	.7447
74	.7363	.7373	.7383	.7392	.7402	.7412	.7422	.7432	.7441	.7451
75	.7367	.7377	.7387	.7397	.7407	.7416	.7426	.7436	.7446	.7456
76	.7372	.7382	.7392	.7401	.7411	.7421	.7431	.7441	.7450	.7460
77	.7377	.7387	.7397	.7406	.7416	.7426	.7436	.7446	.7455	.7465
78	.7381	.7391	.7401	.7410	.7420	.7430	.7440	.7450	.7459	.7469
79	.7385	.7395	.7405	.7414	.7424	.7434	.7444	.7454	.7463	.7473
80	.7389	.7399	.7409	.7418	.7428	.7438	.7448	.7458	.7467	.7477
81	.7393	.7403	.7413	.7423	.7433	.7442	.7452	.7462	.7472	.7482
82	.7398	.7408	.7418	.7427	.7437	.7447	.7457	.7467	.7476	.7486
83	.7402	.7412	.7422	.7431	.7441	7451	.7461	.7471	.7480	.7490
84	.7407	.7417	.7427	.7436	.7446	.7456	.7466	.7476	.7485	.7495
85	.7411	.7421	.7431	.7440	.7450	.7460	.7470	.7480	.7489	.7499
86	.7416	.7426	.7436	.7445	.7455	.7465	.7475	.7485	.7494	.7504
87	.7420	.7430	.7440	.7449	.7459	.7469	.7479	.7489	.7498	.7508
88	.7425	.7435	.7444	.7454	.7464	.7473	.7483	.7493	.7503	.7512
89	.7429	.7439	.7449	.7458	.7468	.7478	.7488	.7498	.7507	.7517
90	.7433	.7443	.7453	.7462	.7472	.7482	.7492	.7502	.7511	.7521
91	.7437	.7447	.7457	.7466	.7476	.7486	.7496	.7506	.7515	.7525
92	.7442	.7452	.7461	.7471	.7481	.7490	.7500	.7510	.7520	.7529
93	.7446	.7456	.7465	.7475	.7485	.7494	.7504	.7514	.7524	.7533
94	.7451	.7461	.7470	.7480	.7490	.7499	.7509	.7519	.7529	.7538
95	.7456	.7466	.7475	.7485	.7495	.7504	.7514	.7524	.7534	.7543
96	.7560	.7470	.7479	.7489	.7499	.7508	.7518	.7528	.7538	.7547
97	.7465	.7475	.7484	.7494	.7503	.7513	.7523	.7532	.7542	.7551
98	.7469	.7479	.7488	.7498	.7507	.7517	.7527	.7536	.7546	.7555
99	.7473	.7483	.7492	.7502	.7511	.7521	.7531	.7540	.7550	.7559
100	.7477	.7487	.7496	.7506	.7516	.7525	.7535	.7545	.7555	.7564
101	.7481	.7491	.7500	.7510	.7520	.7529	.7539	.7549	.7559	.7568
102	.7485	.7495	.7504	.7514	.7524	.7533	.7543	.7553	.7563	.7572
103	.7490	.7500	.7509	.7519	.7528	.7538	.7548	.7557	.7567	.7576
104	.7494	.7504	.7513	.7523	.7532	.7542	.7552	.7561	.7571	.7580
105	.7499	.7509	.7518	.7528	.7537	.7547	.7556	.7566	.7575	.7585
106	.7503	.7513	.7522	.7532	.7541	.7551	.7560	.7570	.7579	.7589
107	.7507	.7517	.7526	.7536	.7545	.7555	.7564	.7574	.7583	.7593
108	.7511	.7521	.7530	.7540	.7549	.7559	.7568	.7578	.7587	.7597
109	.7515	.7525	.7534	.7544	.7553	.7563	.7572	.7582	.7591	.7601
110	.7519	.7529	.7538	.7548	.7557	.7567	.7577	.7586	.7596	.7605
111	.7524	.7534	.7543	.7553	.7562	.7572	.7581	.7591	.7600	.7610
112	.7528	.7538	.7547	.7557	.7566	.7576	.7585	.7595	.7604	.7614
113	.7532	.7542	.7551	.7561	.7570	.7580	.7589	.7599	.7608	.7618
114	.7536	.5746	.7555	.7665	.7574	.7584	.7593	.7603	.7612	.7622
115	.7540	.7550	.7559	.7569	.7578	.7588	.7597	.7607	.7616	.7626
116	.7545	.7554	.7564	.7573	.7583	.7592	.7601	.7611	.7620	.7630
117	.7549	.7558	.7568	.7577	.7587	.7596	.7605	.7615	.7624	.7634
118	.7553	.7562	.7572	.7581	.7591	.7600	.7609	.7619	.7628	.7638
119	.7557	.7566	.7576	.7585	.7595	.7604	.7613	.7623	.7632	.7642
120	.7561	.7570	.7580	.7589	.7599	.7608	.7617	.7627	.7636	.7646
121	.7565	.7574	.7584	.7593	.7603	.7612	.7621	.7631	.7640	.7650
122	.7569	.7578	.7588	.7597	.7607	.7616	.7625	.7635	.7644	.7654
123	.7573	.7582	.7592	.7601	.7611	.7620	.7629	.7639	.7648	.7658
124	.7577	.7586	.7596	.7605	.7615	.7624	.7633	.7643	.7652	.7662
125	.7581	.7590	.7600	.7609	.7619	.7628	.7637	.7647	.7656	.7666
126	7585	.7594	.7604	.7613	.7623	.7632	.7641	.7651	.7660	.7670
127	.7589	.7598	.7608	.7617	.7627	.7636	.7645	.7655	.7664	.7674
128	.7593	.7602	.7612	.7621	.7631	.7640	.7649	.7659	.7668	.7678
129	.7597	.7606	.7616	.7625	.7635	.7644	.7653	.7663	.7672	.7682
130	.7601	.7611	.7620	.7629	.7639	.7648	.7657	.7667	.7676	.7686

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7120	0.7130	0.7141	0.7151	0.7161	0.7172	0.7182	0.7193	0.7203	0.7214
1	.7125	.7135	.7146	.7156	.7166	.7177	.7187	.7198	.7208	.7219
2	.7130	.7140	.7151	.7161	.7172	.7182	.7192	.7203	.7213	.7224
3	.7135	.7145	.7156	.7166	.7177	.7187	.7197	.7208	.7218	.7229
4	.7140	.7150	.7161	.7171	.7182	.7192	.7202	.7213	.7223	.7234
5	.7144	.7154	.7165	.7175	.7186	.7196	.7206	.7217	.7227	.7238
6	.7149	.7159	.7170	.7180	.7191	.7201	.7211	.7222	.7232	.7243
7	.7154	.7164	.7175	.7185	.7196	.7206	.7216	.7227	.7237	.7248
8	.7159	.7169	.7180	.7190	.7201	.7211	.7221	.7232	.7242	.7253
9	.7164	.7174	.7185	.7195	.7205	.7216	.7226	.7236	.7247	.7257
10	.7169	.7179	.7190	.7200	.7210	.7221	.7231	.7241	.7251	.7262
11	.7174	.7184	.7195	.7205	.7215	.7226	.7236	.7246	.7256	.7267
12	.7179	.7189	.7200	.7210	.7220	.7231	.7241	.7251	.7261	.7272
13	.7183	.7193	.7204	.7214	.7224	.7235	.7245	.7255	.7266	.7276
14	.7187	.7197	.7208	.7218	.7228	.7239	.7249	.7259	.7270	.7280
15	.7192	.7202	.7213	.7223	.7233	.7244	.7254	.7264	.7274	.7285
16	.7197	.7207	.7218	.7228	.7238	.7249	.7259	.7269	.7279	.7290
17	.7202	.7212	.7223	.7233	.7243	.7254	.7264	.7274	.7284	.7295
18	.7207	.7217	.7228	.7238	.7248	.7259	.7269	.7279	.7289	.7300
19	.7212	.7222	.7233	.7243	.7253	.7264	.7274	.7284	.7294	.7305
20	.7216	.7226	.7237	.7247	.7257	.7268	.7278	.7288	.7298	.7309
21	.7221	.7231	.7242	.7252	.7262	.7273	.7283	.7293	.7303	.7314
22	.7226	.7236	.7247	.7257	.7267	.7278	.7288	.7298	.7308	.7319
23	.7230	.7240	.7251	.7261	.7271	.7282	.7292	.7302	.7313	.7323
24	.7235	.7245	.7256	.7266	.7276	.7287	.7297	.7307	.7317	.7328
25	.7240	.7250	.7260	.7271	.7281	.7291	.7301	.7311	.7322	.7332
26	.7245	.7255	.7265	.7276	.7286	.7296	.7306	.7316	.7327	.7337
27	.7249	.7259	.7269	.7280	.7290	.7300	.7310	.7320	.7331	.7341
28	.7254	.7264	.7274	.7285	.7295	.7305	.7315	.7325	.7336	.7346
29	.7259	.7269	.7279	.7290	.7300	.7310	.7320	.7330	.7341	.7351
30	.7263	.7273	.7283	.7294	.7304	.7314	.7324	.7334	.7345	.7355
31	.7268	.7278	.7288	.7299	.7309	.7319	.7329	.7339	.7350	.7360
32	.7272	.7282	.7292	.7303	.7313	.7323	.7333	.7343	.7354	.7364
33	.7277	.7287	.7297	.7308	.7318	.7328	.7338	.7348	.7359	.7369
34	.7282	.7292	.7302	.7313	.7323	.7333	.7343	.7353	.7364	.7374
35	.7287	.7297	.7307	.7318	.7328	.7338	.7348	.7358	.7369	.7379
36	.7291	.7301	.7311	.7322	.7332	.7342	.7352	.7362	.7373	.7383
37	.7295	.7305	.7315	.7326	.7336	.7346	.7356	.7366	.7377	.7387
38	.7300	.7310	.7320	.7331	.7341	.7351	.7361	.7371	.7382	.7392
39	.7305	.7315	.7325	.7335	.7345	.7356	.7366	.7376	.7386	.7396
40	.7309	.7319	.7329	.7340	.7350	.7360	.7370	.7380	.7391	.7401
41	.7314	.7324	.7334	.7344	.7354	.7365	.7375	.7385	.7395	.7405
42	.7318	.7328	.7338	.7349	.7359	.7369	.7379	.7389	.7400	.7410
43	.7323	.7333	.7343	.7354	.7364	.7374	.7384	.7394	.7405	.7415
44	.7328	.7338	.7348	.7358	.7368	.7379	.7389	.7399	.7409	.7419
45	.7332	.7342	.7352	.7363	.7373	.7383	.7393	.7403	.7414	.7424
46	.7337	.7347	.7357	.7367	.7377	.7388	.7398	.7408	.7418	.7428
47	.7342	.7352	.7362	.7372	.7382	.7393	.7403	.7413	.7423	.7433
48	.7347	.7357	.7367	.7377	.7387	.7398	.7408	.7418	.7428	.7438
49	.7351	.7361	.7371	.7381	.7391	.7402	.7412	.7422	.7432	.7442
50	.7355	.7365	.7375	.7385	.7395	.7406	.7416	.7426	.7436	.7446
51	.7359	.7369	.7379	.7389	.7399	.7410	.7420	.7430	.7440	.7450
52	.7364	.7374	.7384	.7394	.7404	.7415	.7425	.7435	.7445	.7455
53	.7369	.7379	.7389	.7399	.7409	.7420	.7430	.7440	.7450	.7460
54	.7374	.7384	.7394	.7404	.7414	.7425	.7435	.7445	.7455	.7465
55	.7378	.7388	.7398	.7408	.7418	.7429	.7439	.7449	.7459	.7469
56	.7383	.7393	.7403	.7413	.7423	.7433	.7443	.7453	.7463	.7473
57	.7387	.7397	.7407	.7417	.7427	.7437	.7447	.7457	.7467	.7477
58	.7391	.7401	.7411	.7421	.7431	.7441	.7451	.7461	.7471	.7481
59	.7396	.7406	.7416	.7426	.7436	.7446	.7456	.7466	.7476	.7486
60	.7400	.7410	.7420	.7430	.7440	.7450	.7460	.7470	.7480	.7490
61	.7404	.7414	.7424	.7434	.7444	.7454	.7464	.7474	.7484	.7494
62	.7409	.7419	.7429	.7439	.7449	.7459	.7469	.7479	.7489	.7499
63	.7414	.7424	.7434	.7444	.7454	.7464	.7474	.7484	.7494	.7504
64	.7418	.7428	.7438	.7448	.7458	.7468	.7478	.7488	.7498	.7508

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.7422	0.7432	0.7442	0.7452	0.7462	0.7472	0.7482	0.7492	0.7502	0.7512
66	.7426	.7436	.7446	.7456	.7466	.7476	.7486	.7496	.7506	.7516
67	.7431	.7441	.7451	.7461	.7471	.7481	.7491	.7501	.7511	.7521
68	.7435	.7445	.7455	.7465	.7475	.7485	.7495	.7505	.7515	.7525
69	.7439	.7449	.7459	.7469	.7479	.7489	.7499	.7509	.7519	.7529
70	.7444	.7454	.7464	.7474	.7484	.7493	.7503	.7513	.7523	.7533
71	.7449	.7459	.7469	.7479	.7489	.7498	.7508	.7518	.7528	.7538
72	.7453	.7463	.7473	.7483	.7493	7502	.7512	.7522	.7532	.7542
73	.7457	.7467	.7477	.7487	.7497	.7506	.7516	.7526	.7536	.7546
74	.7461	.7471	.7481	.7491	.7501	.7510	.7520	.7530	.7540	.7550
75	.7466	.7476	.7486	.7496	.7506	.7515	.7525	.7535	.7545	.7555
76	.7470	.7480	.7490	.7500	.7510	.7519	.7529	.7539	.7549	.7559
77	.7475	.7485	.7495	.7505	.7515	.7524	.7534	.7544	.7554	.7564
78	.7479	.7489	.7499	.7509	.7519	.7528	.7538	.7548	.7558	.7568
79	.7483	.7493	.7503	.7513	.7523	.7532	.7542	.7552	.7562	.7572
80	.7487	.7497	.7507	.7517	.7527	.7536	.7546	.7556	.7566	.7576
81	.7492	.7502	.7512	.7521	.7531	.7541	.7551	.7561	.7570	.7580
82	.7496	.7506	.7516	.7525	.7535	.7545	.7555	.7565	.7574	.7584
83	.7500	.7510	.7520	.7529	.7539	.7549	.7559	.7569	.7578	.7588
84	.7505	.7515	7525	7534	7544	7554	7564	.7574	.7583	.7593
85	.7509	.7519	.7529	.7538	.7548	.7558	.7568	.7578	.7587	.7597
86	.7514	.7524	.7534	.7543	.7553	.7563	.7573	.7583	.7592	.7602
87	.7518	.7528	.7538	.7547	.7557	.7567	.7577	7587	.7596	.7606
88	.7522	.7532	.7542	.7551	.7561	.7571	.7581	.7591	.7600	.7610
89	.7527	.7537	.7546	.7556	.7566	.7575	.7585	.7595	.7605	.7614
90	.7531	.7541	.7550	.7560	.7570	.7579	.7589	.7599	.7609	.7618
91	.7535	.7545	.7554	.7564	.7574	.7583	.7593	.7603	.7613	.7622
92	.7539	.7549	.7558	.7568	.7578	.7587	.7597	.7607	.7617	.7626
93	.7543	.7553	.7562	.7572	.7582	.7591	.7601	.7611	.7621	.7630
94	.7548	.7558	.7567	.7577	.7587	.7596	.7606	.7616	.7626	.7635
95	.7553	.7563	.7572	.7582	.7591	.7601	.7611	.7620	.7630	.7639
96	.7557	.7567	.7576	.7586	.7595	.7605	.7615	.7624	.7634	.7643
97	.7561	.7571	.7580	.7590	.7599	.7609	.7619	.7628	.7638	.7647
98	.7565	.7575	.7584	.7594	.7604	.7613	.7623	.7633	.7643	.7652
99	.7569	.7579	.7588	.7598	.7608	.7617	.7627	.7637	.7647	.7656
100	.7574	.7584	.7593	.7603	.7612	.7622	.7632	.7641	.7651	.7660
101	.7578	.7588	.7597	.7607	.7616	.7626	.7636	.7645	.7655	.7664
102	.7582	.7592	.7601	.7611	.7620	.7630	.7640	.7649	.7659	.7668
103	.7586	.7596	.7605	.7615	.7624	.7634	.7644	.7653	.7663	.7672
104	.7590	.7600	.7609	.7619	.7628	.7638	.7648	.7657	.7667	.7676
105	.7594	.7604	.7613	.7623	.7632	.7642	.7652	.7661	.7671	.7680
106	.7598	.7608	.7617	.7627	.7636	.7646	.7656	.7665	.7675	.7684
107	.7602	.7612	.7621	.7631	.7640	.7650	.7660	.7669	.7679	.7688
108	.7606	.7616	.7625	.7635	.7644	.7654	.7664	.7673	.7683	.7692
109	.7610	.7620	.7629	.7639	.7648	.7658	.7668	.7677	.7687	.7696
110	.7615	.7625	.7634	.7644	.7653	.7663	.7672	.7682	.7691	.7701
111	.7619	.7629	.7638	.7648	.7657	.7667	.7676	.7686	.7695	.7705
112	.7623	.7633	.7642	.7652	.7661	.7671	.7680	.7690	.7699	.7709
113	.7627	.7636	.7646	.7655	.7665	.7674	.7683	.7693	.7702	.7712
114	.7631	.7640	.7650	.7659	.7669	.7678	.7687	.7697	.7706	.7716
115	.7635	.7644	.7654	.7663	.7673	.7682	.7691	.7701	.7710	.7720
116	.7639	.7648	.7658	.7667	.7677	.7686	.7695	.7705	.7714	.7724
117	.7643	.7652	.7662	.7671	.7681	.7690	.7699	.7709	.7718	.7728
118	.7647	.7656	.7666	.7675	.7685	.7694	.7703	.7713	.7722	.7732
119	.7651	.7660	.7670	.7679	.7689	.7698	.7707	.7717	.7726	.7736
120	.7655	.7664	.7674	.7683	.7693	.7702	.7711	.7721	.7730	.7740
121	.7659	.7668	.7678	.7687	.7697	.7706	.7715	.7725	.7734	.7744
122	.7663	.7672	.7682	.7691	.7701	.7710	.7719	.7729	.7738	.7748
123	.7667	.7676	.7686	.7695	.7705	.7714	.7723	.7733	.7742	.7752
124	.7671	.7680	.7690	.7699	.7709	.7718	.7727	.7737	.7746	.7756
125	.7675	.7684	.7694	.7703	.7713	.7722	.7731	.7741	.7750	.7760
126	.7679	.7688	.7698	.7707	.7717	.7726	.7735	.7745	.7754	.7764
127	.7683	.7692	.7702	.7711	.7721	.7730	.7739	.7749	.7758	.7768
128	.7687	.7696	.7706	.7715	.7725	.7734	.7743	.7753	.7762	.7772
129	.7691	.7700	.7710	.7719	.7729	.7738	.7747	.7757	.7766	.7776
130	.7695	.7704	.7714	.7723	.7733	.7742	.7751	.7761	.7770	.7780

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7224	0.7234	0.7245	0.7255	0.7266	0.7276	0.7286	0.7297	0.7307	0.7318
1	.7229	.7239	.7250	.7260	.7271	.7281	.7291	.7302	.7312	.7323
2	.7234	.7244	.7255	.7265	.7276	.7286	.7296	.7307	.7317	.7328
3	.7239	.7249	.7260	.7270	.7280	.7291	.7301	.7312	.7322	.7333
4	.7244	.7254	.7265	.7275	.7285	.7296	.7306	.7317	.7327	.7338
5	.7248	.7258	.7269	.7279	.7289	.7300	.7310	.7321	.7331	.7342
6	.7253	.7263	.7274	.7284	.7295	.7305	.7315	.7326	.7336	.7347
7	.7258	.7268	.7279	.7289	.7300	.7310	.7320	.7331	.7341	.7352
8	.7263	.7273	.7284	.7294	.7305	.7315	.7325	.7336	.7346	.7357
9	.7267	.7277	.7288	.7298	.7309	.7319	.7329	.7340	.7350	.7361
10	.7272	.7282	.7293	.7303	.7314	.7324	.7334	.7345	.7355	.7366
11	.7277	.7287	.7298	.7308	.7319	.7329	.7339	.7350	.7360	.7371
12	.7282	.7292	.7303	.7313	.7323	.7334	.7344	.7354	.7364	.7375
13	.7286	.7296	.7307	.7317	.7328	.7338	.7348	.7359	.7369	.7380
14	.7290	.7300	.7311	.7321	.7332	.7342	.7352	.7363	.7373	.7384
15	.7295	.7305	.7316	.7326	.7337	.7347	.7357	.7368	.7378	.7389
16	.7300	.7310	.7321	.7331	.7342	.7352	.7362	.7373	.7383	.7394
17	.7305	.7315	.7326	.7336	.7347	.7357	.7367	.7378	.7388	.7399
18	.7310	.7320	.7331	.7341	.7352	.7362	.7372	.7383	.7393	.7404
19	.7315	.7325	.7336	.7346	.7356	.7367	.7377	.7387	.7397	.7408
20	.7319	.7329	.7340	.7350	.7361	.7371	.7381	.7392	.7402	.7413
21	.7324	.7334	.7345	.7355	.7365	.7376	.7386	.7396	.7406	.7417
22	.7329	.7339	.7350	.7360	.7370	.7381	.7391	.7401	.7411	.7422
23	.7333	.7343	.7354	.7364	.7374	.7385	.7395	.7405	.7415	.7426
24	.7338	.7348	.7359	.7369	.7379	.7390	.7400	.7410	.7420	.7431
25	.7342	.7352	.7363	.7373	.7383	.7394	.7404	.7414	.7424	.7435
26	.7347	.7357	.7368	.7378	.7388	.7399	.7409	.7419	.7429	.7440
27	.7351	.7361	.7372	.7382	.7392	.7403	.7413	.7423	.7433	.7444
28	.7356	.7366	.7377	.7387	.7397	.7408	.7418	.7428	.7438	.7449
29	.7361	.7371	.7381	.7392	.7402	.7412	.7422	.7432	.7443	.7453
30	.7365	.7375	.7386	.7396	.7407	.7417	.7427	.7437	.7447	.7458
31	.7370	.7380	.7390	.7401	.7411	.7421	.7431	.7441	.7452	.7462
32	.7374	.7384	.7395	.7405	.7415	.7425	.7436	.7446	.7456	.7467
33	.7379	.7389	.7399	.7410	.7420	.7430	.7440	.7450	.7461	.7471
34	.7384	.7394	.7404	.7415	.7425	.7435	.7445	.7455	.7466	.7476
35	.7389	.7399	.7409	.7420	.7430	.7440	.7450	.7460	.7471	.7481
36	.7393	.7403	.7413	.7424	.7434	.7444	.7454	.7464	.7475	.7485
37	.7397	.7407	.7417	.7428	.7438	.7448	.7458	.7468	.7479	.7489
38	.7402	.7412	.7422	.7433	.7443	.7453	.7463	.7473	.7484	.7494
39	.7406	.7416	.7428	.7437	.7447	.7457	.7467	.7477	.7488	.7498
40	.7411	.7421	.7431	.7442	.7452	.7462	.7472	.7482	.7493	.7503
41	.7415	.7425	.7435	.7446	.7456	.7466	.7476	.7486	.7497	.7507
42	.7420	.7430	.7440	.7451	.7461	.7471	.7481	.7491	.7502	.7512
43	.7425	.7435	.7445	.7455	.7465	.7476	.7486	.7496	.7506	.7516
44	.7429	.7439	.7449	.7460	.7470	.7480	.7490	.7500	.7511	.7521
45	.7434	.7444	.7454	.7464	.7474	.7485	.7495	.7505	.7515	.7525
46	.7438	.7448	.7458	.7468	.7478	.7489	.7499	.7509	.7519	.7529
47	.7443	.7453	.7463	.7473	.7483	.7494	.7504	.7514	.7524	.7534
48	.7448	.7458	.7468	.7478	.7488	.7499	.7509	.7519	.7529	.7539
49	.7452	.7462	.7472	.7482	.7492	.7503	.7513	.7523	.7533	.7543
50	.7456	.7466	.7476	.7486	.7496	.7507	.7517	.7527	.7537	.7547
51	.7460	.7470	.7480	.7490	.7500	.7511	.7521	.7531	.7541	.7551
52	.7465	.7475	.7485	.7495	.7505	.7515	.7525	.7535	.7545	.7555
53	.7470	.7480	.7490	.7500	.7510	.7520	.7530	.7540	.7550	.7560
54	.7475	.7485	.7495	.7505	.7515	.7525	.7535	.7545	.7555	.7565
55	.7479	.7489	.7499	.7509	.7519	.7529	.7539	.7549	.7559	.7569
56	.7483	.7493	.7503	.7513	.7523	.7533	.7543	.7553	.7563	.7573
57	.7487	.7497	.7507	.7517	.7527	.7538	.7548	.7558	.7568	.7578
58	.7491	.7501	.7511	.7521	.7531	.7542	.7552	.7562	.7572	.7582
59	.7496	.7506	.7516	.7526	.7536	.7546	.7556	.7566	.7576	.7586
60	.7500	.7510	.7520	.7530	.7540	.7550	.7560	.7570	.7580	.7590
61	.7504	.7514	.7524	.7534	.7544	.7554	.7564	.7574	.7584	.7594
62	.7509	.7519	.7529	.7539	.7549	.7559	.7569	.7579	.7589	.7599
63	.7513	.7524	.7534	.7544	.7554	.7563	.7573	.7583	.7593	.7603
64	.7518	.7528	.7538	.7548	.7558	.7567	.7577	.7587	.7597	.7607

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
65	0.7522	0.7532	0.7542	0.7552	0.7562	0.7572	0.7582	0.7592	0.7602	0.7612
66	.7526	.7536	.7546	.7556	.7566	.7576	.7586	.7596	.7606	.7616
67	.7531	.7541	.7551	.7561	.7571	.7580	.7590	.7600	.7610	.7620
68	.7535	.7545	.7555	.7565	.7575	.7584	.7594	.7604	.7614	.7624
69	.7539	.7549	.7559	.7569	.7579	.7588	.7598	.7608	.7618	.7628
70	.7543	.7553	.7563	.7573	.7583	.7592	.7602	.7612	.7622	.7632
71	.7548	.7558	.7568	.7578	.7588	.7597	.7607	.7617	.7627	.7637
72	.7552	.7562	.7572	.7582	.7592	.7601	.7611	.7621	.7631	.7641
73	.7556	.7566	.7576	.7586	.7596	.7605	.7615	.7625	.7635	.7645
74	.7560	.7570	.7580	.7590	.7600	.7609	.7619	.7629	.7639	.7649
75	.7565	.7575	.7585	.7595	.7605	.7614	.7624	.7634	.7644	.7654
76	.7569	.7579	.7589	.7599	.7609	.7618	.7628	.7638	.7648	.7658
77	.7574	.7584	.7594	.7603	.7613	.7623	.7633	.7643	.7652	.7662
78	.7578	.7588	.7598	.7607	.7617	.7627	.7637	.7647	.7656	.7666
79	.7582	.7592	.7602	.7611	.7621	.7631	.7641	.7651	.7660	.7670
80	.7586	.7596	.7606	.7615	.7625	.7635	.7645	.7655	.7664	.7674
81	.7590	.7600	.7610	.7619	.7629	.7639	.7649	.7659	.7668	.7678
82	.7594	.7604	.7614	.7623	.7633	.7643	.7653	.7663	.7672	.7682
83	.7598	.7608	.7618	.7627	.7637	.7647	.7657	.7667	.7676	.7686
84	.7603	.7613	.7623	.7632	.7642	.7652	.7662	.7672	.7681	.7691
85	.7607	.7617	.7627	.7636	.7646	.7656	.7666	.7676	.7685	.7695
86	.7612	.7622	.7631	.7641	.7651	.7660	.7670	.7680	.7690	.7699
87	.7616	.7626	.7635	.7645	.7655	.7664	.7674	.7684	.7694	.7703
88	.7620	.7630	.7639	.7649	.7659	.7668	.7678	.7688	.7698	.7707
89	.7624	.7634	.7643	.7653	.7663	.7672	.7682	.7692	.7702	.7711
90	.7628	.7638	.7647	.7657	.7667	.7676	.7686	.7696	.7706	.7715
91	.7632	.7642	.7651	.7661	.7671	.7680	.7690	.7700	.7710	.7719
92	.7636	.7646	.7655	.7665	.7675	.7684	.7694	.7704	.7714	.7723
93	.7640	.7650	.7659	.7669	.7679	.7688	.7698	.7708	.7718	.7727
94	.7645	.7655	.7664	.7674	.7683	.7693	.7703	.7712	.7722	.7731
95	.7649	.7659	.7668	.7678	.7687	.7697	.7707	.7716	.7726	.7735
96	.7653	.7663	.7672	.7682	.7692	.7701	.7711	.7721	.7731	.7740
97	.7657	.7667	.7676	.7686	.7696	.7705	.7715	.7725	.7735	.7744
98	.7662	.7672	.7681	.7691	.7700	.7710	.7720	.7729	.7739	.7748
99	.7666	.7676	.7685	.7695	.7704	.7714	.7724	.7733	.7743	.7752
100	.7670	.7680	.7689	.7699	.7708	.7718	.7728	.7737	.7747	.7756
101	.7674	.7684	.7693	.7703	.7712	.7722	.7732	.7741	.7751	.7760
102	.7678	.7688	.7697	.7707	.7716	.7726	.7736	.7745	.7755	.7764
103	.7682	.7692	.7701	.7711	.7720	.7730	.7740	.7749	.7759	.7768
104	.7686	.7696	.7705	.7715	.7724	.7734	.7744	.7753	.7763	.7772
105	.7690	.7700	.7709	.7719	.7728	.7738	.7748	.7757	.7767	.7776
106	.7694	.7704	.7713	.7723	.7732	.7742	.7752	.7761	.7771	.7780
107	.7698	.7708	.7717	.7727	.7736	.7746	.7756	.7765	.7775	.7784
108	.7702	.7712	.7721	.7731	.7740	.7750	.7760	.7769	.7779	.7788
109	.7706	.7716	.7725	.7735	.7744	.7754	.7764	.7773	.7783	.7792
110	.7710	.7720	.7729	.7739	.7748	.7758	.7768	.7777	.7787	.7796
111	.7714	.7724	.7733	.7743	.7752	.7762	.7771	.7781	.7790	.7800
112	.7718	.7728	.7737	.7747	.7756	.7766	.7775	.7785	.7794	.7804
113	.7721	.7731	.7740	.7750	.7759	.7769	.7778	.7788	.7797	.7807
114	.7725	.7735	.7744	.7754	.7763	.7773	.7782	.7792	.7801	.7811
115	.7729	.7739	.7748	.7758	.7767	.7777	.7786	.7796	.7805	.7815
116	.7733	.7743	.7752	.7762	.7771	.7781	.7790	.7800	.7809	.7819
117	.7737	.7747	.7756	.7766	.7775	.7785	.7794	.7804	.7813	.7823
118	.7741	.7751	.7760	.7770	.7779	.7789	.7798	.7808	.7817	.7827
119	.7745	.7755	.7764	.7774	.7783	.7793	.7802	.7812	.7821	.7831
120	.7749	.7759	.7768	.7778	.7787	.7797	.7806	.7816	.7825	.7835
121	.7753	.7763	.7772	.7782	.7791	.7801	.7810	.7820	.7829	.7839
122	.7757	.7767	.7776	.7786	.7795	.7805	.7814	.7824	.7833	.7843
123	.7761	.7770	.7780	.7789	.7799	.7808	.7817	.7827	.7836	.7846
124	.7765	.7774	.7784	.7793	.7803	.7812	.7821	.7831	.7840	.7850
125	.7769	.7778	.7788	.7797	.7807	.7816	.7825	.7835	.7844	.7854
126	.7773	.7782	.7792	.7801	.7811	.7820	.7829	.7839	.7848	.7858
127	.7777	.7786	.7796	.7805	.7815	.7824	.7833	.7843	.7852	.7862
128	.7781	.7790	.7800	.7809	.7819	.7828	.7837	.7847	.7856	.7866
129	.7785	.7794	.7804	.7813	.7823	.7832	.7841	.7851	.7860	.7870
130	.7789	.7798	.7808	.7817	.7827	.7836	.7845	.7855	.7864	.7874

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7328	0.7338	0.7349	0.7359	0.7370	0.7380	0.7390	0.7401	0.7411	0.7422
1	.7333	.7343	.7354	.7364	.7375	.7385	.7395	.7406	.7416	.7427
2	.7338	.7348	.7359	.7369	.7380	.7390	.7400	.7411	.7421	.7432
3	.7343	.7353	.7364	.7374	.7385	.7395	.7405	.7416	.7426	.7437
4	.7348	.7358	.7369	.7379	.7390	.7400	.7410	.7421	.7431	.7442
5	.7352	.7362	.7373	.7383	.7394	.7404	.7414	.7425	.7435	.7446
6	.7357	.7367	.7378	.7388	.7399	.7409	.7419	.7430	.7440	.7451
7	.7362	.7372	.7383	.7393	.7404	.7414	.7424	.7435	.7445	.7456
8	.7367	.7377	.7388	.7398	.7409	.7419	.7429	.7440	.7450	.7461
9	.7371	.7381	.7392	.7402	.7413	.7423	.7433	.7444	.7454	.7465
10	.7376	.7386	.7397	.7407	.7418	.7428	.7438	.7449	.7459	.7470
11	.7381	.7391	.7402	.7412	.7423	.7433	.7443	.7454	.7464	.7475
12	.7385	.7395	.7406	.7416	.7427	.7437	.7447	.7458	.7468	.7479
13	.7390	.7400	.7411	.7421	.7432	.7442	.7452	.7463	.7473	.7484
14	.7394	.7404	.7415	.7425	.7436	.7446	.7456	.7467	.7477	.7488
15	.7399	.7409	.7420	.7430	.7441	.7451	.7461	.7472	.7482	.7493
16	.7404	.7414	.7425	.7435	.7446	.7456	.7466	.7477	.7487	.7498
17	.7409	.7419	.7430	.7440	.7451	.7461	.7471	.7482	.7492	.7503
18	.7414	.7424	.7435	.7445	.7455	.7466	.7476	.7486	.7496	.7507
19	.7418	.7428	.7439	.7449	.7460	.7470	.7480	.7491	.7501	.7512
20	.7423	.7433	.7444	.7454	.7464	.7475	.7485	.7495	.7505	.7516
21	.7427	.7437	.7448	.7458	.7468	.7479	.7489	.7499	.7509	.7520
22	.7432	.7442	.7453	.7463	.7473	.7484	.7494	.7504	.7514	.7525
23	.7436	.7446	.7457	.7467	.7477	.7488	.7498	.7508	.7518	.7529
24	.7441	.7451	.7462	.7472	.7482	.7493	.7503	.7513	.7523	.7534
25	.7445	.7455	.7466	.7476	.7486	.7497	.7507	.7517	.7527	.7538
26	.7450	.7460	.7471	.7481	.7491	.7502	.7512	.7522	.7532	.7543
27	.7454	.7464	.7475	.7485	.7495	.7506	.7516	.7526	.7536	.7547
28	.7459	.7469	.7480	.7490	.7500	.7511	.7521	.7531	.7541	.7552
29	.7463	.7473	.7484	.7494	.7504	.7515	.7525	.7535	.7545	.7556
30	.7468	.7478	.7488	.7499	.7509	.7519	.7529	.7539	.7550	.7560
31	.7472	.7482	.7493	.7503	.7513	.7524	.7534	.7544	.7554	.7565
32	.7477	.7487	.7497	.7508	.7518	.7528	.7538	.7548	.7559	.7569
33	.7481	.7491	.7501	.7512	.7522	.7532	.7542	.7552	.7563	.7573
34	.7486	.7496	.7506	.7517	.7527	.7537	.7547	.7557	.7568	.7578
35	.7491	.7501	.7511	.7522	.7532	.7542	.7552	.7562	.7573	.7583
36	.7495	.7505	.7515	.7526	.7536	.7546	.7556	.7566	.7577	.7587
37	.7499	.7509	.7519	.7530	.7540	.7550	.7560	.7570	.7581	.7591
38	.7504	.7514	.7524	.7534	.7544	.7555	.7565	.7575	.7585	.7595
39	.7508	.7518	.7528	.7539	.7549	.7559	.7569	.7579	.7590	.7600
40	.7513	.7523	.7533	.7543	.7553	.7564	.7574	.7584	.7594	.7604
41	.7517	.7527	.7537	.7547	.7557	.7568	.7578	.7588	.7598	.7608
42	.7522	.7532	.7542	.7552	.7562	.7573	.7583	.7593	.7603	.7613
43	.7526	.7536	.7546	.7556	.7566	.7577	.7587	.7597	.7607	.7617
44	.7531	.7541	.7551	.7561	.7571	.7582	.7592	.7602	.7612	.7622
45	.7535	.7545	.7555	.7565	.7575	.7586	.7596	.7606	.7616	.7626
46	.7539	.7549	.7559	.7569	.7579	.7590	.7600	.7610	.7620	.7630
47	.7544	.7554	.7564	.7574	.7584	.7595	.7605	.7615	.7625	.7635
48	.7549	7559	.7569	.7579	.7589	.7600	.7610	.7620	.7630	.7640
49	.7553	.7563	.7573	.7583	.7593	.7604	.7614	.7624	.7634	.7644
50	.7557	.7567	.7577	.7587	.7597	.7608	.7618	.7628	.7638	.7648
51	.7561	.7571	.7581	.7591	.7601	.7612	.7622	.7632	.7642	.7652
52	.7565	.7575	.7585	.7595	.7605	.7616	.7626	.7636	.7646	.7656
53	.7570	.7580	.7590	.7600	.7610	.7620	.7630	.7640	.7650	.7660
54	.7575	.7585	.7595	.7605	.7615	.7625	.7635	.7645	.7655	.7665
55	.7579	.7589	.7599	.7609	.7619	.7629	.7639	.7649	.7659	.7669
56	.7583	.7593	.7603	.7613	.7623	.7633	.7643	.7653	.7663	.7673
57	.7588	.7598	.7608	.7618	.7628	.7638	.7648	.7658	.7668	.7678
58	.7592	.7602	.7612	.7622	.7632	.7642	.7652	.7662	.7672	.7682
59	.7596	.7606	.7616	.7626	.7636	.7646	.7656	.7666	.7676	.7686
60	.7600	.7610	.7620	.7630	.7640	.7650	.7660	.7670	.7680	.7690
61	.7604	.7614	.7624	.7634	.7644	.7654	.7664	.7674	.7684	.7694
62	.7609	.7619	.7629	.7639	.7649	.7658	.7668	.7678	.7688	.7698
63	.7613	.7623	.7623	.7643	.7653	.7663	.7673	.7683	.7693	.7703
64	.7617	.7627	.7637	.7647	.7657	.7667	.7677	.7687	.7697	.7707

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.7622	0.7632	0.7642	0.7652	0.7662	0.7671	0.7681	0.7691	0.7701	0.7711
66	.7626	.7636	.7646	.7656	.7666	.7675	.7685	.7695	.7705	.7715
67	.7630	.7640	.7650	.7660	.7670	.7679	.7689	.7699	.7709	.7719
68	.7634	.7644	.7654	.7664	.7674	.7683	.7693	.7703	.7713	.7723
69	.7638	.7648	.7658	.7768	.7678	.7687	.7697	.7707	.7717	.7727
70	.7642	.7652	.7662	.7672	.7682	.7691	.7701	.7711	.7721	.7731
71	.7647	.7657	.7667	.7677	.7687	.7696	.7706	.7716	.7726	.7736
72	.7651	.7661	.7671	.7681	.7691	.7700	.7710	.7720	.7730	.7740
73	.7655	.7665	.7675	.7685	.7695	.7704	.7714	.7724	.7734	.7744
74	.7659	.7669	.7679	.7689	.7699	.7708	.7718	.7728	.7738	.7748
75	.7664	.7674	.7684	.7693	.7703	.7713	.7723	.7733	.7742	.7752
76	.7668	.7678	.7688	.7697	.7707	.7717	.7727	.7737	.7746	.7756
77	.7672	.7682	.7692	.7701	.7711	.7721	.7731	.7741	.7750	.7760
78	.7676	.7686	.7696	.7705	.7715	.7725	.7735	.7745	.7754	.7764
79	.7680	.7690	.7700	.7709	.7719	.7729	.7739	.7749	.7758	.7768
80	.7684	.7694	.7704	.7713	.7723	.7733	.7743	.7753	.7762	.7772
81	.7688	.7698	.7708	.7717	.7727	.7737	.7747	.7757	.7766	.7776
82	.7692	.7702	.7712	.7721	.7731	.7741	.7751	.7761	.7770	.7780
83	.7696	.7706	.7716	.7725	.7735	.7745	.7755	.7765	.7774	.7784
84	.7701	.7711	.7720	.7730	.7740	.7749	.7759	.7769	.7778	.7788
85	.7705	.7715	.7724	.7734	.7744	.7753	.7763	.7773	.7782	.7792
86	.7709	.7719	.7729	.7738	.7748	.7758	.7768	.7778	.7787	.7797
87	.7713	.7723	.7733	.7742	.7752	.7762	.7772	.7782	.7791	.7801
88	.7717	.7727	.7737	.7746	.7756	.7766	.7776	.7786	.7795	.7805
89	.7721	.7731	.7741	.7750	.7760	.7770	.7780	.7790	.7799	.7809
90	.7725	.7735	.7745	.7754	.7764	.7774	.7784	.7794	.7803	.7813
91	.7729	.7739	.7749	.7758	.7768	.7778	.7788	.7798	.7807	.7817
92	.7733	.7743	.7753	.7762	.7772	.7782	.7792	.7802	.7811	.7821
93	.7737	.7747	.7757	.7768	.7776	.7786	.7796	.7806	.7815	.7825
94	.7741	.7751	.7761	.7770	.7780	.7790	.7800	.7810	.7819	.7829
95	.7745	.7755	.7765	.7774	.7784	.7794	.7804	.7813	.7823	.7832
96	.7750	.7760	.7769	.7779	.7788	.7798	.7808	.7817	.7827	.7836
97	.7754	.7764	.7773	.7783	.7792	.7802	.7812	.7821	.7831	.7840
98	.7758	.7768	.7777	.7787	.7796	.7806	.7816	.7825	.7835	.7844
99	.7762	.7772	.7781	.7791	.7800	.7810	.7820	.7829	.7839	.7848
100	.7766	.7776	.7785	.7795	.7804	.7814	.7824	.7833	.7843	.7852
101	.7770	.7780	.7789	.7799	.7808	.7818	.7828	.7837	.7847	.7856
102	.7774	.7784	.7793	.7803	.7812	.7822	.7832	.7841	.7851	.7860
103	.7778	.7788	.7797	.7807	.7816	.7826	.7836	.7845	.7855	.7864
104	.7782	.7792	.7801	.7811	.7820	.7830	.7840	.7849	.7859	.7868
105	.7786	.7796	.7805	.7815	.7824	.7834	.7844	.7853	.7863	.7872
106	.7790	.7800	.7809	.7819	.7828	.7838	.7848	.7857	.7867	.7876
107	.7794	.7804	.7813	.7823	.7832	.7842	.7852	.7861	.7871	.7880
108	.7798	.7808	.7817	.7827	.7836	.7846	.7856	.7865	.7875	.7884
109	.7802	.7812	.7821	.7831	.7840	.7850	.7860	.7869	.7879	.7888
110	.7806	.7816	.7825	.7835	.7844	.7854	.7864	.7873	.7883	.7892
111	.7809	.7819	.7828	.7838	.7847	.7857	.7867	.7876	.7886	.7895
112	.7813	.7823	.7832	.7842	.7851	.7861	.7871	.7880	.7890	.7899
113	.7816	.7826	.7835	.7845	.7854	.7864	.7874	.7883	.7893	.7902
114	.7820	.7830	.7839	.7849	.7858	.7868	.7878	.7887	.7897	.7906
115	.7824	.7834	.7843	.7853	.7862	.7872	.7882	.7891	.7901	.7910
116	.7828	.7838	.7847	.7857	.7866	.7876	.7886	.7895	.7905	.7914
117	.7832	.7842	.7851	.7861	.7870	.7880	.7890	.7899	.7909	.7918
118	.7836	.7846	.7855	.7865	.7874	.7884	.7894	.7903	.7913	.7922
119	.7840	.7850	.7859	.7869	.7878	.7888	.7897	.7907	.7916	.7926
120	.7844	.7854	.7863	.7873	.7882	.7892	.7901	.7911	.7920	.7930
121	.7848	.7858	.7867	.7877	.7886	.7896	.7905	.7915	.7924	.7934
122	.7852	.7862	.7871	.7881	.7890	.7900	.7909	.7919	.7928	.7938
123	.7855	.7865	.7874	.7884	.7893	.7903	.7912	.7922	.7931	.7941
124	.7859	.7869	.7878	.7888	.7897	.7907	.7916	.7926.	.7935	.7945
125	.7863	.7873	.7882	.7892	.7901	.7911	.7920	.7930	.7939	.7949
126	.7867	.7877	.7886	.7896	.7905	.7915	.7924	.7934	.7943	.7953
127	.7871	.7881	.7890	.7900	.7909	.7919	.7928	.7938	.7947	.7957
128	.7875	.7884	.7894	.7903	.7913	.7923	.7932	.7941	.7951	.7960
129	.7879	.7888	.7898	.7907	.7917	.7926	.7936	.7945	.7955	.7964
130	.7883	.7892	.7902	.7911	.7921	.7930	.7940	.7949	.7959	.7968

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7432	0.7442	0.7453	0.7463	0.7474	0.7484	0.7495	0.7505	0.7516	0.7526
1	.7437	.7447	.7458	.7468	.7479	.7489	.7500	.7510	.7521	.7531
2	.7442	.7452	.7463	.7473	.7484	.7494	.7505	.7515	.7526	.7536
3	.7447	.7457	.7468	.7478	.7489	.7499	.7510	.7520	.7531	.7541
4	.7452	.7462	.7473	.7483	.7494	.7504	.7515	.7525	.7536	.7546
5	.7456	.7466	.7477	.7487	.7498	.7508	.7519	.7529	.7540	.7550
6	.7461	.7471	.7482	.7492	.7503	.7513	.7524	.7534	.7545	.7555
7	.7466	.7476	.7487	.7497	.7508	.7518	.7528	.7539	.7549	.7560
8	.7471	.7481	.7492	.7502	.7513	.7523	.7533	.7544	.7554	.7565
9	.7475	.7485	.7496	.7506	.7517	.7527	.7538	.7548	.7559	.7569
10	.7480	.7490	.7501	.7511	.7522	.7532	.7543	.7553	.7564	.7574
11	.7485	.7495	.7506	.7516	.7527	.7537	.7547	.7558	.7568	.7579
12	.7489	.7499	.7510	.7520	.7530	.7541	.7551	.7562	.7572	.7583
13	.7494	.7504	.7515	.7525	.7536	.7546	.7556	.7567	.7577	.7588
14	.7498	.7508	.7519	.7529	.7540	.7550	.7561	.7571	.7582	.7592
15	.7503	.7513	.7524	.7534	.7545	.7555	.7565	.7576	.7586	.7597
16	.7508	.7518	.7529	.7539	.7550	.7560	.7570	.7581	.7591	.7602
17	.7513	.7523	.7534	.7544	.7555	.7565	.7575	.7586	.7596	.7607
18	.7517	.7527	.7538	.7548	.7559	.7569	.7579	.7590	.7600	.7611
19	.7522	.7532	.7543	.7553	.7563	.7574	.7584	.7594	.7604	.7615
20	.7526	.7536	.7547	.7557	.7567	.7578	.7588	.7598	.7608	.7619
21	.7530	.7540	.7551	.7561	.7572	.7582	.7592	.7603	.7613	.7624
22	.7535	.7545	.7556	.7566	.7576	.7587	.7597	.7607	.7617	.7628
23	.7539	.7549	.7560	.7570	.7580	.7591	.7601	.7611	.7621	.7632
24	.7544	.7554	.7565	.7575	.7585	.7596	.7606	.7616	.7626	.7637
25	.7548	.7558	.7569	.7579	.7589	.7600	.7610	.7620	.7630	.7641
26	.7553	.7563	.7574	.7584	.7594	.7605	.7615	.7625	.7635	.7646
27	.7557	.7567	.7578	.7588	.7598	.7609	.7619	.7629	.7639	.7650
28	.7562	.7572	.7583	.7593	.7603	.7614	.7624	.7634	.7644	.7655
29	.7566	.7576	.7587	.7597	.7607	.7618	.7628	.7638	.7648	.7659
30	.7570	.7580	.7591	.7601	.7611	.7622	.7632	.7642	.7652	.7663
31	.7575	.7585	.7595	.7606	.7616	.7626	.7636	.7646	.7657	.7667
32	.7579	.7589	.7600	.7610	.7620	.7631	.7641	.7651	.7661	.7672
33	.7583	.7593	.7604	.7614	.7624	.7635	.7645	.7655	.7665	.7676
34	.7588	.7598	.7608	.7619	.7629	.7639	.7649	.7659	.7670	.7680
35	.7593	.7603	.7613	.7624	.7634	.7644	.7654	.7664	.7675	.7685
36	.7597	.7607	.7617	.7628	.7638	.7648	.7658	.7668	.7679	.7689
37	.7601	.7611	.7621	.7632	.7642	.7652	.7662	.7672	.7683	.7693
38	.7605	.7615	.7625	.7636	.7646	.7656	.7666	.7676	.7687	.7697
39	.7610	.7620	.7630	.7640	.7650	.7661	.7671	.7681	.7691	.7701
40	.7614	.7624	.7634	.7645	.7655	.7665	.7675	.7685	.7696	.7706
41	.7618	.7628	.7638	.7649	.7659	.7669	.7679	.7689	.7700	.7710
42	.7623	.7633	.7643	.7653	.7663	.7674	.7684	.7694	.7704	.7714
43	.7627	.7637	.7647	.7657	.7667	.7678	.7688	.7698	.7708	.7718
44	.7632	.7642	.7652	.7662	.7672	.7683	.7693	.7703	.7713	.7723
45	.7636	.7646	.7656	.7666	.7676	.7687	.7697	.7707	.7717	.7727
46	.7640	.7650	.7660	.7670	.7680	.7691	.7701	.7711	.7721	.7731
47	.7645	.7655	.7665	.7675	.7685	.7696	.7706	.7716	.7726	.7736
48	.7650	.7660	.7670	.7680	.7690	.7700	.7710	.7720	.7730	.7740
49	.7654	.7664	.7674	.7684	.7694	.7705	.7715	.7725	.7735	.7745
50	.7658	.7668	.7678	.7688	.7698	.7709	.7719	.7729	.7739	.7749
51	.7662	.7672	.7682	.7692	.7702	.7713	.7723	.7733	.7743	.7753
52	.7666	.7676	.7686	.7696	.7706	.7717	.7727	.7737	.7747	.7757
53	.7670	.7680	.7690	.7700	.7710	.7721	.7731	.7741	.7751	.7761
54	.7675	.7685	.7695	.7705	.7715	.7725	.7735	.7745	.7755	.7765
55	.7679	.7689	.7699	.7709	.7719	.7729	.773[illegible]	[illegible]749	.7759	.7769
56	.7683	.7693	.7703	.7713	.7723	.7733	.77[illegible]	[illegible]53	.7763	.7773
57	.7688	.7698	.7708	.7718	.7728	.7738	.774[illegible]	[illegible]8	.7768	.7778
58	7692	.7702	.7712	.7722	.7732	.7742	.7752	[illegible]2	.7772	.7782
59	.7696	.7706	.7716	.7726	.7736	.7746	.7756	.7766	.7776	.7786
60	.7700	.7710	.7720	.7730	.7740	.7750	.7760	.7770	.7780	.7790
61	.7704	.7714	.7724	.7734	.7744	.7754	.7764	.7774	.7784	.7794
62	.7708	.7718	.7728	.7738	.7748	.7758	.7768	.7778	.7788	.7798
63	.7713	.7723	.7733	.7743	.7753	.7763	.7773	.7783	.7793	.7803
64	.7717	.7727	.7737	.7747	.7757	.7767	.7777	.7787	.7797	.7807

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.7721	0.7731	0.7741	0.7751	0.7761	0.7771	0.7781	0.7791	0.7801	0.7811
66	.7725	.7735	.7745	.7755	.7765	.7775	.7785	.7795	.7805	.7815
67	.7729	.7739	.7749	.7759	.7769	.7779	.7789	.7799	.7809	.7819
68	.7733	.7743	.7753	.7763	.7773	.7783	.7793	.7803	.7813	.7823
69	.7737	.7747	.7757	.7767	.7777	.7787	.7797	.7807	.7817	.7827
70	.7741	.7751	.7761	.7771	.7781	.7791	.7801	.7811	.7821	.7831
71	.7746	.7756	.7766	.7776	.7786	.7795	.7805	.7815	.7825	.7835
72	.7750	.7760	.7770	.7780	.7790	.7799	.7809	.7819	.7829	.7839
73	.7754	.7764	.7774	.7784	.7794	.7803	.7813	.7823	.7833	.7843
74	.7758	.7768	.7778	.7788	.7798	.7807	.7817	.7827	.7837	.7847
75	.7762	.7772	.7782	.7792	.7802	.7811	.7821	.7831	.7841	.7851
76	.7766	.7776	.7786	.7796	.7806	.7815	.7825	.7835	.7845	.7855
77	.7770	.7780	.7790	.7800	.7810	.7819	.7829	.7839	.7849	.7859
78	.7774	.7784	.7794	.7804	.7814	.7823	.7833	.7843	.7853	.7863
79	.7778	.7788	.7798	.7808	.7818	.7827	.7837	.7847	.7857	.7867
80	.7782	.7792	.7802	.7812	.7822	.7831	.7841	.7851	.7861	.7871
81	.7786	.7796	.7806	.7816	.7826	.7835	.7845	.7855	.7865	.7875
82	.7790	.7800	.7810	.7820	.7830	.7839	.7849	.7859	.7869	.7879
83	.7794	.7804	.7814	.7824	.7834	.7843	.7853	.7863	.7873	.7883
84	.7798	.7808	.7818	.7828	.7838	.7847	.7857	.7867	.7877	.7887
85	.7802	.7812	.7822	.7832	.7842	.7851	.7861	.7871	.7881	.7891
86	.7807	.7817	.7827	.7836	.7846	.7856	.7866	.7876	.7885	.7895
87	.7811	.7821	.7831	.7840	.7850	.7860	.7870	.7880	.7889	.7899
88	.7815	.7825	.7835	.7844	.7854	.7864	.7874	.7884	.7893	.7903
89	.7819	.7829	.7839	.7848	.7858	.7868	.7878	.7888	.7897	.7907
90	.7823	.7833	.7842	.7852	.7862	.7871	.7881	.7891	.7901	.7910
91	.7827	.7837	.7846	.7856	.7866	.7875	.7885	.7895	.7905	.7914
92	.7831	.7841	.7850	.7860	.7870	.7879	.7889	.7899	.7909	.7918
93	.7835	.7845	.7854	.7864	.7874	.7883	.7893	.7903	.7913	.7922
94	.7839	.7849	.7858	.7868	.7877	.7887	.7897	.7906	.7916	.7925
95	.7842	.7852	.7861	.7871	.7881	.7890	.7900	.7910	.7920	.7929
96	.7846	.7856	.7865	.7875	.7885	.7894	.7904	.7914	.7924	.7933
97	.7850	.7860	.7869	.7879	.7889	.7898	.7908	.7918	.7928	.7937
98	.7854	.7864	.7873	.7883	.7892	.7902	.7912	.7921	.7931	.7940
99	.7858	.7868	.7877	.7887	.7896	.7906	.7916	.7925	.7935	.7944
100	.7862	.7872	.7881	.7891	.7900	.7910	.7920	.7929	.7939	.7948
101	.7866	.7876	.7885	.7895	.7904	.7914	.7924	.7933	.7943	.7952
102	.7870	.7880	.7889	.7899	.7908	.7918	.7928	.7937	.7947	.7956
103	.7874	.7884	.7893	.7903	.7912	.7922	.7932	.7941	.7951	.7960
104	.7878	.7888	.7897	.7907	.7916	.7926	.7936	.7945	.7955	.7964
105	.7882	.7892	.7901	.7911	.7920	.7930	.7939	.7949	.7958	.7968
106	.7886	.7896	.7905	.7915	.7924	.7934	.7943	.7953	.7962	.7972
107	.7890	.7900	.7909	.7919	.7928	.7938	.7947	.7957	.7966	.7976
108	.7894	.7904	.7913	.7923	.7932	.7942	.7951	.7961	.7970	.7980
109	.7898	.7908	.7917	.7927	.7936	.7946	.7955	.7965	.7974	.7984
110	.7902	.7912	.7921	.7931	.7940	.7950	.7959	.7969	.7978	.7988
111	.7905	.7915	.7924	.7934	.7943	.7953	.7962	.7972	.7981	.7991
112	.7909	.7919	.7928	.7938	.7947	.7957	.7966	.7976	.7985	.7995
113	.7912	.7922	.7931	.7941	.7950	.7960	.7970	.7979	.7989	.7998
114	.7916	.7926	.7935	.7945	.7954	.7964	.7974	.7983	.7993	.8002
115	.7920	.7930	.7939	.7949	.7958	.7968	.7977	.7987	.7996	.8006
116	.7924	.7934	.7943	.7953	.7962	.7972	.7981	.7991	.8000	.8010
117	.7928	.7938	.7947	.7957	.7966	.7976	.7985	.7995	.8004	.8014
118	.7932	.7942	.7951	.7961	.7970	.7980	.7989	.7999	.8008	.8018
119	.7935	.7945	.7954	.7964	.7973	.7983	.7992	.8002	.8011	.8021
120	.7939	.7949	.7958	.7968	.7977	.7987	.7996	.8006	.8015	.8025
121	.7943	.7953	.7962	.7972	.7981	.7991	.8000	.8010	.8019	.8029
122	.7947	.7957	.7966	.7976	.7985	.7995	.8004	.8014	.8023	.8033
123	.7950	.7960	.7969	.7979	.7988	.7998	.8007	.8017	.8026	.8036
124	.7954	.7964	.7973	.7983	.7992	.8002	.8011	.8021	.8030	.8040
125	.7958	.7968	.7977	.7987	.7996	.8006	.8015	.8025	.8034	.8044
126	.7962	.7971	.7981	.7990	.8000	.8009	.8018	.8028	.8037	.8047
127	.7966	.7975	.7985	.7994	.8004	.8013	.8022	.8032	.8041	.8051
128	.7969	.7979	.7988	.7998	.8007	.8017	.8026	.8036	.8045	.8055
129	.7973	.7983	.7992	.8002	.8011	.8021	.8030	.8040	.8049	.8059
130	.7977	.7987	.7996	.8006	.8015	.8025	.8034	.8044	.8053	.8063

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7537	0.7548	0.7558	0.7569	0.7579	0.7590	0.7601	0.7611	0.7622	0.7632
1	.7542	.7552	.7563	.7573	.7584	.7594	.7605	.7615	.7626	.7636
2	.7547	.7557	.7568	.7578	.7589	.7599	.7610	.7620	.7631	.7641
3	.7552	.7562	.7573	.7583	.7594	.7604	.7615	.7625	.7636	.7646
4	.7557	.7567	.7578	.7588	.7599	.7609	.7620	.7630	.7641	.7651
5	.7561	.7572	.7582	.7593	.7603	.7614	.7625	.7635	.7646	.7656
6	.7566	.7576	7587	.7597	.7608	.7618	.7629	.7639	.7650	.7660
7	.7570	.7581	.7591	.7602	.7612	.7623	.7634	.7644	.7655	.7665
8	.7575	.7585	.7596	.7606	.7617	.7627	.7638	.7648	.7659	.7669
9	.7580	.7590	.7601	.7611	.7622	.7632	.7643	.7653	.7664	.7674
10	.7585	.7595	.7606	.7616	.7627	.7637	.7647	.7658	.7668	.7679
11	.7589	.7599	.7610	.7620	.7631	.7641	.7651	.7662	.7672	.7683
12	.7593	.7603	.7614	.7624	.7635	.7645	.7655	.7666	.7676	.7687
13	.7598	.7608	.7619	.7629	.7640	.7650	.7660	.7671	.7681	.7692
14	.7603	.7613	.7624	.7634	.7645	.7655	.7665	.7676	.7686	.7697
15	.7607	.7617	.7628	.7638	.7649	.7659	.7669	.7680	.7690	.7701
16	.7612	.7622	.7633	.7643	7654	.7664	.7674	.7685	.7695	.7706
17	.7617	.7627	.7638	.7648	.7658	.7669	.7679	.7689	.7699	.7710
18	.7521	.7631	.7642	.7652	.7662	.7673	.7683	.7693	.7703	.7714
19	.7625	.7635	.7646	.7656	.7666	.7677	.7687	.7697	.7707	.7718
20	.7629	.7639	.7650	.7660	.7671	.7681	.7691	.7702	.7712	.7723
21	.7634	.7644	.7655	.7665	.7675	.7686	.7696	.7706	.7716	.7727
22	.7638	.7648	.7659	.7669	.7679	.7690	.7700	.7710	.7720	.7731
23	.7642	.7652	.7663	.7673	.7684	.7694	.7704	.7715	.7725	.7736
24	.7647	.7657	.7668	.7678	.7688	.7699	.7709	.7719	.7729	.7740
25	.7651	.7661	.7672	.7682	.7692	.7703	.7713	.7723	.7733	.7744
26	.7656	.7666	.7677	.7687	.7697	.7708	.7718	.7728	.7738	.7749
27	.7660	.7670	.7681	.7691	.7701	.7712	.7722	.7732	.7742	.7753
28	.7665	.7675	.7685	.7696	.7706	.7716	.7726	.7736	.7747	.7757
29	.7669	.7679	.7689	.7700	.7710	.7720	.7730	.7740	.7751	.7761
30	.7673	.7683	.7694	.7704	.7714	.7725	.7735	.7745	.7755	.7766
31	.7677	.7687	.7698	.7708	.7718	.7729	.7739	.7749	.7759	.7770
32	.7682	.7692	.7703	.7713	.7723	.7734	.7744	.7754	.7764	.7775
33	.7686	.7696	.7707	.7717	.7727	.7738	.7748	.7758	.7768	.7779
34	.7690	.7700	.7711	.7721	.7731	.7742	.7752	.7762	.7772	.7783
35	.7695	.7705	.7715	.7726	.7736	.7746	.7756	.7766	.7777	.7787
36	.7699	.7709	.7719	.7730	.7740	.7750	.7760	.7770	.7781	.7791
37	.7703	.7713	.7723	.7734	.7744	.7754	.7764	.7774	.7785	.7795
38	.7707	.7717	.7727	.7738	.7748	.7758	.7768	.7778	.7789	.7799
39	.7711	.7721	.7731	.7742	.7752	.7762	.7772	.7782	.7793	.7803
40	.7716	.7726	.7736	.7746	.7756	.7767	.7777	.7787	.7797	.7807
41	.7720	.7730	.7740	.7751	.7761	.7771	.7781	.7791	.7802	.7812
42	.7724	.7734	.7744	.7755	.7765	.7775	.7785	.7795	.7806	.7816
43	.7728	.7738	.7748	.7759	.7769	.7779	.7789	.7799	.7810	.7820
44	.7733	.7743	.7753	.7763	.7773	.7784	.7794	.7804	.7814	.7824
45	.7737	.7747	.7757	.7767	.7777	.7788	.7798	.7808	.7818	.7828
46	.7741	.7751	.7761	.7771	.7781	.7792	.7802	.7812	.7822	.7832
47	.7746	.7756	.7766	.7776	.7786	.7797	.7807	.7817	.7827	.7837
48	.7750	.7760	.7770	.7780	.7790	.7801	.7811	.7821	.7831	.7841
49	.7755	.7765	.7775	.7785	.7795	.7805	.7815	.7825	.7835	.7845

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
50	0.7759	0.7769	0.7779	0.7789	0.7799	0.7810	0.7820	0.7830	0.7840	0.7850
51	.7763	.7773	.7783	.7793	.7803	.7814	.7824	.7834	.7844	.7854
52	.7767	.7777	.7787	.7797	.7807	.7818	.7828	.7838	.7848	.7858
53	.7771	.7781	.7791	.7801	.7811	.7822	.7832	.7842	.7852	.7862
54	.7775	.7785	.7795	.7805	.7815	.7826	.7836	.7846	.7856	.7866
55	.7779	.7789	.7799	.7809	.7819	.7830	.7840	.7850	.7860	.7870
56	.7783	.7793	.7803	.7813	.7823	.7834	.7844	.7854	.7864	.7874
57	.7788	.7798	.7808	.7818	.7828	.7838	.7848	.7858	.7868	.7878
58	.7792	.7802	.7812	.7822	.7832	.7842	.7852	.7862	.7872	.7882
59	.7796	.7806	.7816	.7826	.7836	.7846	.7856	.7866	.7876	.7886
60	.7800	.7810	.7820	.7830	.7840	.7850	.7860	.7870	.7880	.7890
61	.7804	.7814	.7824	.7834	.7844	.7854	.7864	.7874	.7884	.7894
62	.7808	.7818	.7828	.7838	.7848	.7858	.7868	.7878	.7888	.7898
63	.7813	.7823	.7833	.7843	.7853	.7862	.7872	.7882	.7892	.7902
64	.7817	.7827	.7837	.7847	.7857	.7866	.7876	.7886	.7896	.7906
65	.7821	.7831	.7841	.7851	.7861	.7870	.7880	.7890	.7900	.7910
66	.7825	.7835	.7845	.7855	.7865	.7874	.7884	.7894	.7904	.7914
67	.7829	.7839	.7849	.7859	.7869	.7878	.7888	.7898	.7908	.7918
68	.7833	.7843	.7853	.7863	.7873	.7882	.7892	.7902	.7912	.7922
69	.7837	.7847	.7857	.7867	.7877	.7886	.7896	.7906	.7916	.7926
70	.7841	.7851	.7861	.7871	.7881	.7890	.7900	.7910	.7920	.7930
71	.7845	.7855	.7865	.7875	.7885	.7894	.7904	.7914	.7924	.7934
72	.7849	.7859	.7869	.7879	.7889	.7898	.7908	.7918	.7928	.7938
73	.7853	.7863	.7873	.7883	.7893	.7902	.7912	.7922	.7932	.7942
74	.7857	.7867	.7877	.7887	.7897	.7906	.7916	.7926	.7936	.7946
75	.7861	.7871	.7881	.7891	.7901	.7910	.7920	.7930	.7940	.7950
76	.7865	.7875	.7885	.7895	.7905	.7914	.7924	.7934	.7944	.7954
77	.7869	.7879	.7889	.7898	.7908	.7918	.7928	.7938	.7947	.7957
78	.7873	.7883	.7893	.7902	.7912	.7922	.7932	.7942	.7951	.7961
79	.7877	.7887	.7897	.7906	.7916	.7926	.7936	.7946	.7955	.7965
80	.7881	.7891	.7901	.7910	.7920	.7930	.7940	.7950	.7959	.7969
81	.7885	.7895	.7905	.7914	.7924	.7934	.7944	.7954	.7963	.7973
82	.7889	.7899	.7909	.7918	.7928	.7938	.7948	.7958	.7967	.7977
83	.7893	.7903	.7913	.7922	.7932	.7942	.7952	.7962	.7971	.7981
84	.7897	.7907	.7917	.7926	.7936	.7946	.7956	.7966	.7975	.7985
85	.7901	.7911	.7921	.7930	.7940	.7950	.7960	.7970	.7979	.7989
86	.7905	.7915	.7925	.7934	.7944	.7954	.7964	.7974	.7983	.7993
87	.7909	.7919	.7929	.7938	.7948	.7958	.7968	.7978	.7987	.7997
88	.7913	.7923	.7933	.7942	.7952	.7962	.7972	.7982	.7991	.8001
89	.7917	.7927	.7937	.7946	.7956	.7966	.7976	.7986	.7995	.8005
90	.7920	.7930	.7940	.7949	.7959	.7969	.7979	.7989	.7998	.8008
91	.7924	.7934	.7944	.7953	.7963	.7973	.7983	.7993	.8002	.8012
92	.7928	.7938	.7948	.7957	.7967	.7977	.7987	.7997	.8006	.8016
93	.7932	.7942	.7952	.7961	.7971	.7981	.7991	.8001	.8010	.8020
94	.7935	.7945	.7955	.7964	.7974	.7984	.7994	.8004	.8013	.8023
95	.7939	.7949	.7958	.7968	.7978	.7987	.7997	.8007	.8017	.8026
96	.7943	.7953	.7962	.7972	.7982	.7991	.8001	.8011	.8021	.8030
97	.7947	.7957	.7966	.7976	.7986	.7995	.8005	.8015	.8025	.8034
98	.7950	.7960	.7970	.7979	.7989	.7999	.8009	.8019	.8028	.8038
99	.7954	.7964	.7974	.7983	.7993	.8003	.8013	.8023	.8032	.8042

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TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
100	0.7958	0.7968	0.7978	0.7987	0.7997	0.8007	0.8017	0.8027	0.8036	0.8046
101	.7962	.7972	.7982	.7991	.8001	.8011	.8021	.8031	.8040	.8050
102	.7966	.7976	.7986	.7995	.8005	.8015	.8025	.8035	.8044	.8054
103	.7970	.7980	.7990	.7999	.8009	.8019	.8029	.8039	.8048	.8058
104	.7974	.7984	.7993	.8003	.8013	.8022	.8032	.8042	.8052	.8061
105	.7978	.7988	.7997	.8007	.8017	.8026	.8036	.8046	.8056	.8065
106	.7982	.7992	.8001	.8011	.8021	.8030	.8040	.8050	.8060	.8069
107	.7986	.7996	.8005	.8015	.8025	.8034	.8044	.8054	.8064	.8073
108	.7990	.8000	.8009	.8019	.8029	.8038	.8048	.8058	.8068	.8077
109	.7994	.8004	.8013	.8023	.8033	.8042	.8052	.8062	.8072	.8081
110	.7998	.8008	.8017	.8027	.8036	.8046	.8056	.8065	.8075	.8084
111	.8001	.8011	.8020	.8030	.8040	.8049	.8059	.8069	.8079	.8088
112	.8005	.8015	.8024	.8034	.8044	.8053	.8063	.8073	.8083	.8092
113	.8008	.8018	.8027	.8037	.8047	.8056	.8066	.8076	.8086	.8095
114	.8012	.8022	.8031	.8041	.8051	.8060	.8070	.8080	.8090	.8099
115	.8015	.8025	.8034	.8044	.8054	.8063	.8073	.8083	.8093	.8102
116	.8019	.8029	.8038	.8048	.8058	.8067	.8077	.8087	.8097	.8106
117	.8023	.8033	.8042	.8052	.8062	.8071	.8081	.8091	.8101	.8110
118	.8027	.8037	.8046	.8056	.8065	.8075	.8085	.8094	.8104	.8113
119	.8030	.8040	.8049	.8059	.8069	.8078	.8088	.8098	.8108	.8117
120	.8034	.8044	.8053	.8063	.8073	.8082	.8092	.8102	.8112	.8121
121	.8038	.8048	.8057	.8067	.8077	.8086	.8096	.8106	.8116	.8125
122	.8042	.8052	.8061	.8071	.8081	.8090	.8100	.8110	.8120	.8129
123	.8045	.8055	.8064	.8074	.8084	.8093	.8103	.8113	.8123	.8132
124	.8049	.8059	.8068	.8078	.8088	.8097	.8107	.8117	.8127	.8136
125	.8053	.8063	.8072	.8082	.8091	.8101	.8111	.8120	.8130	.8139
126	.8056	.8066	.8075	.8085	.8094	.8104	.8114	.8123	.8133	.8142
127	.8060	.8070	.8079	.8089	.8098	.8108	.8118	.8127	.8137	.8146
128	.8064	.8074	.8083	.8093	.8102	.8112	.8121	.8131	.8140	.8150
129	.8068	.8078	.8087	.8097	.8106	.8116	.8125	.8135	.8144	.8154
130	.8072	.8082	.8091	.8101	.8110	.8120	.8129	.8139	.8148	.8158
131	.8076	.8086	.8095	.8105	.8114	.8124	.8133	.8143	.8152	.8162
132	.8079	.8089	.8098	.8108	.8117	.8127	.8136	.8146	.8155	.8165
133	.8083	.8093	.8102	.8112	.8121	.8131	.8140	.8150	.8159	.8169
134	.8087	.8097	.8106	.8116	.8125	.8135	.8144	.8154	.8163	.8173
135	.8090	.8100	.8109	.8119	.8128	.8138	.8147	.8157	.8166	.8176
136	.8094	.8104	.8113	.8123	.8132	.8142	.8151	.8161	.8170	.8180
137	.8098	.8108	.8117	.8127	.8136	.8146	.8155	.8165	.8174	.8134
138	.8101	.8111	.8120	.8130	.8139	.8149	.8158	.8168	.8177	.8187
139	.8105	.8115	.8124	.8134	.8143	.8153	.8162	.8172	.8181	.8191
140	.8109	.8119	.8128	.8138	.8147	.8157	.8166	.8176	.8185	.8195
141	.8112	.8122	.8131	.8141	.8150	.8160	.8169	.8179	.8188	.8198
142	.8116	.8126	.8135	.8145	.8154	.8164	.8173	.8183	.8192	.8202
143	.8119	.8129	.8138	.8148	.8157	.8167	.8176	.8186	.8195	.8205
144	.8123	.8133	.8142	.8152	.8161	.8171	.8180	.8190	.8199	.8209
145	.8127	.8137	.8146	.8156	.8165	.8175	.8184	.8194	.8203	.8213
146	.8130	.8140	.8149	.8159	.8168	.8178	.8187	.8197	.8206	.8216
147	.8134	.8144	.8153	.8163	.8172	.8182	.8191	.8201	.8210	.8220
148	.8137	.8147	.8156	.8166	.8175	.8185	.8194	.8204	.8213	.8223
149	.8141	.8151	.8160	.8170	.8179	.8189	.8198	.8208	.8217	.8227
150	.8144	.8154	.8163	.8173	.8182	.8192	.8201	.8211	.8220	.8230

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7643	0.7654	0.7664	0.7675	0.7685	0.7696	0.7707	0.7717	0.7728	0.7738
1	.7647	.7658	.7668	.7679	.7689	.7700	.7711	.7721	.7732	.7742
2	.7652	.7663	.7673	.7684	.7694	.7705	.7716	.7726	.7737	.7747
3	.7657	.7667	.7678	.7688	.7699	.7709	.7720	.7730	.7741	.7751
4	.7662	.7672	.7683	.7693	.7704	.7714	.7725	.7735	.7746	.7756
5	.7667	.7677	.7688	.7698	.7709	.7719	.7730	.7740	.7751	.7761
6	.7671	.7681	.7692	.7702	.7713	.7723	.7734	.7744	.7755	.7765
7	.7676	.7686	.7697	.7707	.7718	.7728	.7739	.7749	.7760	.7770
8	.7680	.7690	.7701	.7711	.7722	.7732	.7743	.7753	.7764	.7774
9	.7685	.7695	.7706	.7716	.7727	.7737	.7747	.7758	.7768	.7779
10	.7689	.7699	.7710	.7720	.7731	.7741	.7751	.7762	.7772	.7783
11	.7693	.7703	.7714	.7724	.7735	.7745	.7756	.7766	.7777	.7787
12	.7698	.7708	.7719	.7729	.7740	.7750	.7760	.7771	.7781	.7792
13	.7702	.7712	.7723	.7733	.7744	.7754	.7765	.7775	.7786	.7796
14	.7707	.7717	.7728	.7738	.7749	.7759	.7770	.7780	.7791	.7801
15	.7711	.7721	.7732	.7742	.7753	.7763	.7774	.7784	.7795	.7805
16	.7716	.7726	.7737	.7747	.7758	.7768	.7778	.7789	.7799	.7810
17	.7720	.7730	.7741	.7751	.7762	.7772	.7782	.7793	.7803	.7814
18	.7724	.7734	.7745	.7755	.7766	.7776	.7786	.7797	.7807	.7818
19	.7728	.7738	.7749	.7759	.7770	.7780	.7790	.7801	.7811	.7822
20	.7733	.7743	.7754	.7764	.7774	.7785	.7795	.7805	.7816	.7826
21	.7737	.7747	.7758	.7768	.7779	.7789	.7799	.7810	.7820	.7831
22	.7741	.7751	.7762	.7772	.7783	.7793	.7803	.7814	.7824	.7835
23	.7746	.7756	.7767	.7777	.7787	.7798	.7808	.7818	.7828	.7839
24	.7750	.7760	.7771	.7781	.7791	.7802	.7812	.7822	.7832	.7843
25	.7754	.7764	.7775	.7785	.7796	.7806	.7816	.7827	.7837	.7848
26	.7759	.7769	.7780	.7790	.7800	.7811	.7821	.7831	.7841	.7852
27	.7763	.7773	.7784	.7794	.7804	.7815	.7825	.7835	.7845	.7856
28	.7767	.7777	.7788	.7798	.7808	.7819	.7829	.7839	.7849	.7860
29	.7771	.7781	.7792	.7802	.7812	.7823	.7833	.7843	.7853	.7864
30	.7776	.7786	.7797	.7807	.7817	.7828	.7838	.7848	.7858	.7869
31	.7780	.7790	.7801	.7811	.7821	.7832	.7842	.7852	.7862	.7873
32	.7785	.7795	.7805	.7816	.7826	.7836	.7846	.7856	.7867	.7877
33	.7789	.7799	.7809	.7820	.7830	.7840	.7850	.7860	.7871	.7881
34	.7793	.7803	.7813	.7824	.7834	.7844	.7854	.7864	.7875	.7885
35	.7797	.7807	.7817	.7828	.7838	.7848	.7858	.7868	.7879	.7889
36	.7801	.7811	.7821	.7832	.7842	.7852	.7862	.7872	.7883	.7893
37	.7805	.7815	.7825	.7836	.7846	.7856	.7866	.7876	.7887	.7897
38	.7809	.7819	.7829	.7840	.7850	.7860	.7870	.7880	.7891	.7901
39	.7813	.7823	.7833	7844	.7854	.7864	.7874	.7884	.7895	.7905
40	.7817	.7827	.7837	.7848	.7858	.7868	.7878	.7888	.7899	.7909
41	.7822	.7832	.7842	.7853	.7863	.7873	.7883	.7893	.7904	.7914
42	.7826	.7836	.7846	.7857	.7867	.7877	7887	.7897	.7908	.7918
43	.7830	.7840	.7850	.7861	.7871	.7881	.7891	.7901	.7912	.7922
44	.7834	.7844	.7854	.7865	.7875	.7885	.7895	.7905	.7916	.7926
45	.7838	.7848	.7858	.7869	.7879	.7889	.7899	.7909	.7920	.7930
46	.7842	.7852	.7862	.7873	.7883	.7893	.7903	.7913	.7924	.7934
47	.7847	.7857	.7867	.7877	.7887	.7898	.7908	.7918	.7928	.7938
48	.7851	.7861	.7871	.7881	.7891	.7902	.7912	.7922	.7932	.7942
49	.7855	.7865	.7875	.7885	.7895	.7906	.7916	.7926	.7936	.7946
50	.7860	.7870	.7880	.7890	.7900	.7910	.7920	.7930	.7940	.7950
51	.7864	.7874	.7884	.7894	.7904	.7914	.7924	.7934	.7944	.7954
52	.7868	.7878	.7888	.7898	.7908	.7918	.7928	.7938	.7948	.7958
53	.7872	.7882	.7892	.7902	.7912	.7922	.7932	.7942	.7952	.7962
54	.7876	.7886	.7896	.7906	.7916	.7926	.7936	.7946	.7956	.7966
55	.7880	.7890	.7900	.7910	.7920	.7930	.7940	.7950	.7960	.7970
56	.7884	.7894	.7904	.7914	.7924	.7934	.7944	.7954	.7964	.7974
57	.7888	.7898	.7908	.7918	.7928	.7938	.7948	.7958	.7968	.7978
58	.7892	.7902	.7912	.7922	.7932	.7942	.7952	.7962	.7972	.7982
59	.7896	.7906	.7916	.7926	.7936	.7946	.7956	.7966	.7976	.7986
60	.7900	.7910	.7920	.7930	.7940	.7950	.7960	.7970	.7980	.7990
61	.7904	.7914	.7924	.7934	.7944	.7954	.7964	.7974	.7984	.7994
62	.7908	.7918	.7928	.7938	.7948	.7958	.7968	.7978	.7988	.7998
63	.7912	.7922	.7932	.7942	.7952	.7962	.7972	.7982	.7992	.8002
64	.7916	.7926	.7936	.7946	.7956	.7966	.7976	.7986	.7996	.8006

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.7920	0.7930	0.7940	0.7950	0.7960	0.7970	0.7980	0.7990	0.8000	0.8010
66	.7924	.7934	.7944	.7954	.7964	.7974	.7984	.7994	.8004	.8014
67	.7928	.7938	.7948	.7958	.7968	.7978	.7988	.7998	.8008	.8018
68	.7932	.7942	.7952	.7962	.7972	.7981	.7991	.8001	.8011	.8021
69	.7936	.7946	.7956	.7966	.7976	.7985	.7995	.8005	.8015	.8025
70	.7940	.7950	.7960	.7970	.7980	.7989	.7999	.8009	.8019	.8029
71	.7944	.7954	.7964	.7974	.7984	.7993	.8003	.8013	.8023	.8033
72	.7948	.7958	.7968	.7978	.7988	.7997	.8007	.8017	.8027	.8037
73	.7952	.7962	.7972	.7982	.7992	.8001	.8011	.8021	.8031	.8041
74	.7956	.7966	.7976	.7986	.7996	.8005	.8015	.8025	.8035	.8045
75	.7960	.7970	.7980	.7990	.8000	.8009	.8019	.8029	.8039	.8049
76	.7964	.7974	.7984	.7994	.8004	.8013	.8023	.8033	.8043	.8053
77	.7967	.7977	.7987	.7997	.8007	.8016	.8026	.8036	.8046	.8056
78	.7971	.7981	.7991	.8001	.8011	.8020	.8030	.8040	.8050	.8060
79	.7975	.7985	.7995	.8005	.8015	.8024	.8034	.8044	.8054	.8064
80	.7979	.7989	.7999	.8009	.8019	.8028	.8038	.8048	.8058	.8068
81	.7983	.7993	.8003	.8013	.8023	.8032	.8042	.8052	.8062	.8072
82	.7987	.7997	.8007	.8017	.8027	.8036	.8046	.8056	.8056	.8076
83	.7991	.8001	.8011	.8021	.8031	.8040	.8050	.8060	.8070	.8080
84	.7995	.8005	.8015	.8025	.8035	.8044	.8054	.8064	.8074	.8084
85	.7999	.8009	.8019	.8029	.8039	.8048	.8058	.8068	.8078	.8088
86	.8003	.8013	.8023	.8033	.8042	.8052	.8062	.8072	.8082	.8091
87	.8007	.8017	.8027	.8037	.8046	.8056	.8066	.8076	.8086	.8095
88	.8011	.8021	.8031	.8041	.8050	.8060	.8070	.8080	.8090	.8099
89	.8015	.8025	.8035	.8044	.8054	.8064	.8074	.8084	.8093	.8103
90	.8018	.8028	.8038	.8047	.8057	.8067	.8077	.8087	.8096	.8106
91	.8022	.8032	.8042	.8051	.8061	.8071	.8081	.8091	.8100	.8110
92	.8026	.8036	.8045	.8055	.8065	.8074	.8084	.8094	.8104	.8113
93	.8030	.8040	.8049	.8059	.8069	.8078	.8088	.8098	.8108	.8117
94	.8033	.8043	.8053	.8062	.8072	.8082	8092	.8102	.8111	.8121
95	.8036	.8046	.8056	.8065	.8075	.8085	.8095	.8105	.8114	.8124
96	.8040	.8050	.8059	.8069	.8079	.8088	.8098	.8108	.8118	.8127
97	.8044	.8054	.8063	.8073	.8083	.8092	.8102	.8112	.8122	.8131
98	.8048	.8058	.8067	.8077	.8087	.8096	.8106	.8116	.8126	.8135
99	.8052	.8062	.8071	.8081	.8091	.8100	.8110	.8120	.8130	.8139
100	.8056	.8066	.8075	.8085	.8095	.8104	.8114	.8124	.8134	.8143
101	.8060	.8070	.8079	.8089	.8099	.8108	.8118	.8128	.8138	.8147
102	.8064	.8074	.8083	.8093	.8103	.8112	.8122	.8132	.8142	.8151
103	.8068	.8078	.8087	.8097	.8107	.8116	.8126	.8136	.8146	.8155
104	.8071	.8081	.8090	.8100	.8110	.8119	.8129	.8139	.8149	.8158
105	.8075	.8085	.8094	.8104	.8114	.8123	.8133	.8143	.8153	.8162
106	.8079	.8089	.8098	.8108	.8118	.8127	.8137	.8147	.8157	.8166
107	.8083	.8093	.8102	.8112	.8122	.8131	.8141	.8151	.8161	.8170
108	.8087	.8097	.8106	.8116	.8126	.8135	.8145	.8155	.8165	.8174
109	.8091	.8101	.8110	.8120	.8129	.8139	.8149	.8158	.8168	.8177
110	.8094	.8104	.8113	.8123	.8133	.8142	.8152	.8162	.8172	.8181
111	.8098	.8108	.8117	.8127	.8136	.8146	.8156	.8165	.8175	.8184
112	.8102	.8112	.8121	.8131	.8140	.8150	.8160	.8169	.8179	.8188
113	.8105	.8115	.8124	.8134	.8144	.8153	.8163	.8173	.8183	.8192
114	.8109	.8119	.8128	.8138	.8147	.8157	.8166	.8176	.8186	.8195
115	.8112	.8122	.8131	.8141	.8151	.8160	.8170	.8180	.8190	.8199
116	.8116	.8126	.8135	.8145	.8155	.8164	.8174	.8184	.8194	.8203
117	.8120	.8130	.8139	.8149	.8159	.8168	.8178	.8188	.8198	.8207
118	.8123	.8133	.8142	.8152	.8162	.8171	.8181	.8191	.8201	.8210
119	.8127	.8137	.8146	.8156	.8166	.8175	.8185	.8195	.8205	.8214
120	.8131	.8141	.8150	.8160	.8169	.8179	.8189	.8198	.8208	.8217
121	.8135	.8145	.8154	.8164	.8173	.8183	.8193	.8202	.8212	.8221
122	.8139	.8149	.8158	.8168	.8177	.8187	.8197	.8206	.8216	.8225
123	.8142	.8152	.8161	.8171	.8180	.8190	.8200	.8209	.8219	.8228
124	.8146	.8156	.8165	.8175	.8184	.8194	.8204	.8213	.8223	.8232
125	.8149	.8159	.8168	.8178	.8187	.8197	.8207	.8216	.8226	.8235
126	.8152	.8162	.8171	.8181	.8190	.8200	.8210	.8219	.8229	.8238
127	.8156	.8166	.8175	.8185	.8194	.8204	.8214	.8223	.8233	.8242
128	.8159	.8169	.8178	.8188	.8197	.8207	.8217	.8226	.8236	.8245
129	.8163	.8173	.8182	.8192	.8201	.8211	.8221	.8230	.8240	.8249

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
130	0.8167	0.8177	0.8186	0.8196	0.8205	0.8215	0.8225	0.8234	0.8244	0.8253
131	.8171	.8181	.8190	.8200	.8209	.8219	.8228	.8238	.8247	.8257
132	.8174	.8184	.8193	.8203	.8212	.8222	.8232	.8241	.8251	.8260
133	.8178	.8188	.8197	.8207	.8216	.8226	.8236	.8245	.8255	.8264
134	.8182	.8192	.8201	.8211	.8220	.8230	.8240	.8249	.8259	.8268
135	.8185	.8195	.8204	.8214	.8223	.8233	.8243	.8252	.8262	.8271
136	.8189	.8199	.8208	.8218	.8227	.8237	.8247	.8256	.8266	.8275
137	.8193	.8203	.8212	.8222	.8231	.8241	.8250	.8260	.8269	.8279
138	.8196	.8206	.8215	.8225	.8234	.8244	.8253	.8263	.8272	.8282
139	.8200	.8210	.8219	.8229	.8238	.8248	.8257	.8267	.8276	.8286
140	.8204	.8214	.8223	.8233	.8242	.8252	.8261	.8271	.8280	.8290
141	.8207	.8217	.8226	.8236	.8245	.8255	.8265	.8274	.8284	.8293
142	.8211	.8221	.8230	.8240	.8249	.8259	.8269	.8278	.8288	.8297
143	.8214	.8224	.8233	.8243	.8252	.8262	.8272	.8281	.8291	.8300
144	.8218	.8228	.8237	.8247	.8256	.8266	.8276	.8285	.8295	.8304
145	.8222	.8232	.8241	.8251	.8260	.8270	.8280	.8289	.8299	.8308
146	.8225	.8235	.8244	.8254	.8263	.8273	.8283	.8292	.8302	.8311
147	.8229	.8239	.8248	.8258	.8267	.8277	.8287	.8296	.8306	.8315
148	.8232	.8242	.8251	.8261	.8270	.8280	.8290	.8299	.8309	.8318
149	.8236	.8246	.8255	.8265	.8274	.8284	.8293	.8303	.8312	.8322
150	.8239	.8249	.8258	.8268	.8277	.8287	.8297	.8306	.8316	.8325
151	.8243	.8253	.8262	.8272	.8281	.8291	.8301	.8310	.8320	.8329
152	.8246	.8256	.8265	.8275	.8284	.8294	.8304	.8313	.8323	.8332
153	.8250	.8260	.8269	.8279	.8288	.8298	.8308	.8317	.8327	.8336
154	.8254	.8264	.8273	.8283	.8292	.8302	.8312	.8321	.8331	.8340
155	.8257	.8267	.8276	.8286	.8295	.8305	.8315	.8324	.8334	.8343
156	.8261	.8271	.8280	.8290	.8299	.8309	.8319	.8328	.8338	.8347
157	.8264	.8274	.8283	.8293	.8302	.8312	.8322	.8331	.8341	.8350
158	.8268	.8278	.8287	.8297	.8306	.8316	.8325	.8335	.8344	.8354
159	.8271	.8281	.8290	.8300	.8309	.8319	.8329	.8338	.8348	.8357
160	.8275	.8285	.8294	.8304	.8313	.8323	.8332	.8342	.8351	.8361
161	.8278	.8288	.8297	.8307	.8316	.8326	.8335	.8345	.8354	.8364
162	.8282	.8292	.8301	.8311	.8320	.8330	.8339	.8349	.8358	.8368
163	.8285	.8295	.8304	.8314	.8323	.8333	.8342	.8352	.8361	.8371
164	.8289	.8299	.8308	.8318	.8327	.8337	.8346	.8356	.8365	.8375
165	.8293	.8303	.8312	.8322	.8331	8341	.8350	.8360	.8369	.8379
166	.8296	.8306	.8315	.8325	.8334	.8344	.8353	.8363	.8372	.8382
167	.8300	.8310	.8319	.8329	.8338	.8348	.8357	.8367	.8376	.8386
168	.8303	.8313	.8322	.8332	.8341	.8351	.8360	.8370	.8379	.8389
169	.8307	.8317	.8326	.8336	.8345	.8355	.8364	.8374	.8383	.8393
170	.8311	.8321	.8330	.8340	.8349	.8359	.8368	.8378	.8387	.8397
171	.8314	.8324	.8333	.8343	.8352	.8362	.8371	.8381	.8390	.8400
172	.8318	.8328	.8337	.8347	.8356	.8366	.8375	.8385	.8394	.8404
173	.8321	.8331	.8340	.8350	.8359	.8369	.8378	.8388	.8397	.8407
174	.8325	.8335	.8344	.8354	.8363	.8373	.8382	.8392	.8401	.8411
175	.8328	.8338	.8347	.8357	.8366	.8376	.8385	.8395	.8404	.8414
176	.8331	.8341	.8350	.8360	.8369	.8379	.8388	.8398	.8407	.8417
177	.8335	.8345	.8354	.8364	.8373	.8383	.8392	.8402	.8411	.8421
178	.8339	.8349	.8358	.8368	.8377	.8387	.8396	.8406	.8415	.8425
179	.8342	.8352	.8361	.8371	.8380	.8390	.8399	.8409	.8418	.8428
180	.8346	.8356	.8365	.8375	.8384	.8394	.8403	.8413	.8422	.8432
181	.8349	.8359	.8368	.8378	.8387	.8397	.8406	.8416	.8425	.8435
182	.8353	.8363	.8372	.8382	.8391	.8401	.8410	.8420	.8429	.8439
183	.8356	.8366	.8375	.8385	8394	.8404	.8413	.8423	.8432	.8442
184	.8360	.8370	.8379	.8389	.8398	.8408	.8417	.8427	.8436	.8446
185	.8363	.8373	.8382	.8392	.8401	.8411	.8420	.8430	.8439	.8449
186	.8367	.8377	.8386	.8396	.8405	.8415	.8424	.8434	.8443	.8453
187	.8370	.8380	.8389	.8399	.8408	.8418	.8327	.8437	.8446	.8456
188	.8374	.8384	.8393	.8403	.8412	.8422	.8431	.8441	.8450	.8460
189	.8377	.8387	.8396	.8406	.8415	.8425	.8434	.8444	.8453	.8463
190	.8381	.8391	.8400	.8410	.8419	.8429	.8438	.8448	.8457	.8467
191	.8384	.8394	.8403	.8413	.8422	.8432	.8441	.8451	.8460	.8470
192	.8387	.8397	.8406	.8416	.8425	.8435	.8445	.8454	.8464	.8473
193	.8390	.8400	.8409	.8419	.8428	.8438	.8448	.8457	.8467	.8476
194	.8393	.8403	.8412	.8422	.8431	.8441	.8451	.8460	.8470	.8479
195	.8397	.8407	.8416	.8426	.8435	.8445	.8455	.8464	.8474	.8483

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7749	0.7760	0.7770	0.7781	0.7791	0.7802	0.7813	0.7823	0.7834	0.7844
1	.7753	.7764	.7774	.7785	.7795	.7806	.7817	.7827	.7838	.7848
2	.7758	.7769	.7779	.7790	.7800	.7811	.7822	.7832	.7843	.7853
3	.7762	.7773	.7783	.7794	.7804	.7815	.7826	.7836	.7847	.7857
4	.7767	.7778	.7788	.7799	.7809	.7820	.7831	.7841	.7852	.7862
5	.7772	.7783	.7793	.7804	.7814	.7825	.7836	.7846	.7857	.7867
6	.7776	.7787	.7797	.7808	.7818	.7829	.7840	.7850	.7861	.7871
7	.7781	.7792	.7802	.7813	.7823	.7834	.7845	.7855	.7866	.7876
8	.7785	.7796	.7806	.7817	.7827	.7838	.7849	.7859	.7870	.7880
9	.7789	.7800	.7810	.7821	.7831	.7842	.7853	.7863	.7874	.7884
10	.7793	.7804	.7814	.7825	.7835	.7846	.7857	.7867	.7878	.7888
11	.7798	.7808	.7819	.7829	.7840	.7850	.7861	.7871	.7882	.7892
12	.7802	.7812	.7823	.7833	.7844	.7854	.7865	.7875	.7886	.7896
13	.7807	.7817	.7828	.7838	.7849	.7859	.7870	.7880	.7891	.7901
14	.7812	.7822	.7833	.7843	.7854	.7864	.7874	.7885	.7895	.7906
15	.7816	.7826	.7837	.7847	.7858	.7868	.7879	.7889	.7900	.7910
16	.7820	.7830	.7841	.7851	.7862	.7872	.7883	.7893	.7904	.7914
17	.7824	.7834	.7845	.7855	.7866	.7876	.7887	.7897	.7908	.7918
18	.7828	.7838	.7849	.7859	.7870	.7880	.7891	.7901	.7912	.7922
19	.7832	.7842	.7853	.7863	.7874	.7884	.7895	.7905	.7916	.7926
20	.7836	.7846	.7857	.7867	.7878	.7888	.7899	.7909	.7920	.7930
21	.7841	.7851	.7862	.7872	.7883	.7893	.7903	.7914	.7924	.7935
22	.7845	.7855	.7866	.7876	.7887	.7897	.7907	.7918	.7928	.7939
23	.7849	.7859	.7870	.7880	.7891	.7901	.7911	.7922	.7932	.7943
24	.7853	.7863	.7874	.7884	.7895	.7905	.7915	.7926	.7936	.7947
25	.7858	.7868	.7879	.7889	.7899	.7910	.7920	.7930	.7940	.7951
26	.7862	.7872	.7883	.7893	.7903	.7914	.7924	.7934	.7944	.7955
27	.7866	.7876	.7887	.7897	.7907	.7918	.7928	.7938	.7948	.7959
28	.7870	.7880	.7891	.7901	.7911	.7922	.7932	.7942	.7952	.7963
29	.7874	.7884	.7895	.7905	.7915	.7926	.7936	.7946	.7956	.7967
30	.7879	.7889	.7899	.7910	.7920	.7930	.7940	.7950	.7961	.7971
31	.7883	.7893	.7903	.7914	.7924	.7934	.7944	.7954	.7965	.7975
32	.7887	.7897	.7907	.7918	.7928	.7938	.7948	.7958	.7969	.7979
33	.7891	.7901	.7911	.7922	.7932	.7942	.7952	.7962	.7973	.7983
34	.7895	.7905	.7915	.7926	.7936	.7946	.7956	.7966	.7977	.7987
35	.7899	.7909	.7919	.7930	.7940	.7950	.7960	.7970	.7981	.7991
36	.7903	.7913	.7923	.7934	.7944	.7954	.7964	.7974	.7985	.7995
37	.7907	.7917	.7927	.7938	.7948	.7958	.7968	.7978	.7989	.7999
38	.7911	.7921	.7931	.7942	.7952	.7962	.7972	.7982	.7993	.8003
39	.7915	.7925	.7935	.7946	.7956	.7966	.7976	.7986	.7997	.8007
40	.7919	.7929	.7939	.7950	.7960	.7970	.7980	.7990	.8001	.8011
41	.7924	.7934	.7944	.7954	.7964	.7975	.7985	.7995	.8005	.8015
42	.7928	.7938	.7948	.7958	.7968	.7979	.7989	.7999	.8009	.8019
43	.7932	.7942	.7952	.7962	.7972	.7983	.7993	.8003	.8013	.8023
44	.7936	.7946	.7956	.7966	.7976	.7987	.7997	.8007	.8017	.8027
45	.7940	.7950	.7960	.7970	.7980	.7991	.8001	.8011	.8021	.8031
46	.7944	.7954	.7964	.7974	.7984	.7995	.8005	.8015	.8025	.8035
47	.7948	.7958	.7968	.7978	.7988	.7999	.8009	.8019	.8029	.8039
48	.7952	.7962	.7972	.7982	.7992	.8003	.8013	.8023	.8033	.8043
49	.7956	.7966	.7976	.7986	.7996	.8007	.8017	.8027	.8037	.8047
50	.7960	.7970	.7980	.7990	.8000	.8011	.8021	.8031	.8041	.8051
51	.7964	.7974	.7984	.7994	.8004	.8015	.8025	.8035	.8045	.8055
52	.7968	.7978	.7988	.7998	.8008	.8019	.8029	.8039	.8049	.8059
53	.7972	.7982	.7992	.8002	.8012	.8022	.8032	.8042	.8052	.8062
54	.7976	.7986	.7996	.8006	.8016	.8026	.8036	.8046	.8056	.8066
55	.7980	.7990	.8000	.8010	.8020	.8030	.8040	.8050	.8060	.8070
56	.7984	.7994	.8004	.8014	.8024	.8034	.8044	.8054	.8064	.8074
57	.7988	.7998	.8008	.8018	.8028	.8038	.8048	.8058	.8068	.8078
58	.7992	.8002	.8012	.8022	.8032	.8042	.8052	.8062	.8072	.8082
59	.7996	.8006	.8016	.8026	.8036	.8046	.8056	.8066	.8076	.8086
60	.8000	.8010	.8020	.8030	.8040	.8050	.8060	.8070	.8080	.8090
61	.8004	.8014	.8024	.8034	.8044	.8054	.8064	.8074	.8084	.8094
62	.8008	.8018	.8028	.8038	.8048	.8057	.8067	.8077	.8087	.8097
63	.8012	.8022	.8032	.8042	.8052	.8061	.8071	.8081	.8091	.8101
64	.8016	.8026	.8036	.8046	.8056	.8065	.8075	.8085	.8095	.8105

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.8020	0.8030	0.8040	0.8050	0.8060	0.8069	0.8079	0.8089	0.8099	0.8109
66	.8024	.8034	.8044	.8054	.8064	.8073	.8083	.8093	.8103	.8113
67	.8028	.8038	.8048	.8058	.8068	.8077	.8087	.8097	.8107	.8117
68	.8031	.8041	.8051	.8061	.8071	.8081	.8091	.8101	.8111	.8121
69	.8035	.8045	.8055	.8065	.8075	.8085	.8095	.8105	.8115	.8125
70	.8039	.8049	.8059	.8069	.8079	.8088	.8098	.8108	.8118	.8128
71	.8043	.8053	.8063	.8073	.8083	.8092	.8102	.8112	.8122	.8132
72	.8047	.8057	.8067	.8077	.8087	.8096	.8106	.8116	.8126	.8136
73	.8051	.8061	.8071	.8081	.8091	.8100	.8110	.8120	.8130	.8140
74	.8055	.8065	.8075	.8085	.8095	.8104	.8114	.8124	.8134	.8144
75	.8059	.8069	.8079	.8089	.8099	.8108	.8118	.8128	.8138	.8148
76	.8063	.8073	.8083	.8093	.8103	.8112	.8122	.8132	.8142	.8152
77	.8066	.8076	.8086	.8096	.8106	.8115	.8125	.8135	.8145	.8155
78	.8070	.8080	.8090	.8100	.8110	.8119	.8129	.8139	.8149	.8159
79	.8074	.8084	.8094	.8104	.8114	.8123	.8133	.8143	.8153	.8163
80	.8078	.8088	.8098	.8108	.8118	.8127	.8137	.8147	.8157	.8167
81	.8082	.8092	.8102	.8112	.8122	.8131	.8141	.8151	.8161	.8171
82	.8086	.8096	.8106	.8115	.8125	.8135	.8145	.8155	.8164	.8174
83	.8090	.8100	.8110	.8119	.8129	.8139	.8149	.8159	.8168	.8178
84	.8094	.8104	.8114	.8123	.8133	.8143	.8153	.8163	.8172	.8182
85	.8098	.8108	.8118	.8127	.8137	.8147	.8157	.8167	.8176	.8186
86	.8101	.8111	.8121	.8131	.8141	.8150	.8160	.8170	.8180	.8190
87	.8105	.8115	.8125	.8134	.8144	.8154	.8164	.8174	.8183	.8193
88	.8109	.8119	.8129	.8138	.8148	.8158	.8168	.8178	.8187	.8197
89	.8113	.8123	.8133	.8142	.8152	.8162	.8172	.8182	.8191	.8201
90	.8116	.8126	.8136	.8145	.8155	.8165	.8175	.8185	.8194	.8204
91	.8120	.8130	.8140	.8149	.8159	.8169	.8179	.8189	.8198	.8208
92	.8123	.8133	.8143	.8152	.8162	.8172	.8182	.8192	.8201	.8211
93	.8127	.8137	.8147	.8156	.8166	.8176	.8186	.8196	.8205	.8215
94	.8131	.8141	.8151	.8160	.8170	.8180	.8190	.8200	.8209	.8219
95	.8134	.8144	.8154	.8163	.8173	.8183	.8193	.8203	.8212	.8222
96	.8137	.8147	.8157	.8167	.8177	.8186	.8196	.8206	.8216	.8226
97	.8141	.8151	.8161	.8170	.8180	.8190	.8200	.8210	.8219	.8229
98	.8145	.8155	.8165	.8174	.8184	.8194	.8204	.8214	.8223	.8233
99	.8149	.8159	.8169	.8178	.8188	.8198	.8208	.8218	.8227	.8237
100	.8153	.8163	.8173	.8182	.8192	.8202	.8212	.8222	.8231	.8241
101	.8157	.8167	.8177	.8186	.8196	.8206	.8216	.8226	.8235	.8245
102	.8161	.8171	.8180	.8190	.8200	.8209	.8219	.8229	.8239	.8248
103	.8165	.8175	.8184	.8194	.8204	.8213	.8223	.8233	.8243	.8252
104	.8168	.8178	.8188	.8197	.8207	.8217	.8227	.8237	.8246	.8256
105	.8172	.8182	.8191	.8201	.8211	.8220	.8230	.8240	.8250	.8259
106	.8176	.8186	.8195	.8205	.8215	.8224	.8234	.8244	.8254	.8263
107	.8180	.8190	.8199	.8209	.8219	.8228	.8238	.8248	.8258	.8267
108	.8184	.8194	.8203	.8213	.8223	.8232	.8242	.8252	.8262	.8271
109	.8187	.8197	.8206	.8216	.8226	.8235	.8245	.8255	.8265	.8274
110	.8191	.8201	.8210	.8220	.8230	.8239	.8249	.8259	.8269	.8278
111	.8194	.8204	.8213	.8223	.8233	.8242	.8252	.8262	.8272	.8281
112	.8198	.8208	.8217	.8227	.8237	.8246	.8256	.8266	.8276	.8285
113	.8202	.8212	.8221	.8231	.8241	.8250	8260	.8270	.8280	.8289
114	.8205	.8215	.8224	.8234	.8244	.8253	.8263	.8273	.8283	.8292
115	.8209	.8219	.8228	.8238	.8248	.8257	.8267	.8277	.8287	.8296
116	.8213	.8223	.8232	.8242	.8252	.8261	.8271	.8281	.8291	.8300
117	.8217	.8227	.8236	.8246	.8256	.8265	.8275	.8285	.8295	.8304
118	.8220	.8230	.8239	.8249	.8259	.8268	.8278	.8288	.8298	.8307
119	.8224	.8234	.8243	.8253	.8262	.8272	.8282	.8291	.8301	.8310
120	.8227	.8237	.8246	.8256	.8266	.8275	.8285	.8295	.8305	.8314
121	.8231	.8241	.8250	.8260	.8270	.8279	.8289	.8299	.8309	.8318
122	.8235	.8245	.8254	.8264	.8274	.8283	.8293	.8303	.8313	.8322
123	.8238	.8248	.8257	.8267	.8277	.8286	.8296	.8306	.8316	.8325
124	.8242	.8252	.8261	.8271	.8281	.8290	.8300	.8310	.8320	.8329
125	.8245	.8255	.8264	.8274	.8284	.8293	.8303	.8313	.8323	.8332
126	.8248	.8258	.8267	.8277	.8287	.8296	.8306	.8316	.8326	.8335
127	.8252	.8262	.8271	.8281	.8291	.8300	.8310	.8320	.8330	.8339
128	.8255	.8265	.8274	.8284	.8294	.8303	.8313	.8323	.8333	.8342
129	.8259	.8269	.8278	.8288	.8298	.8307	.8317	.8327	.8337	.8346

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
130	0.8263	0.8273	0.8282	0.8292	0.8302	0.8311	0.8321	0.8331	0.8341	0.8350
131	.8266	.8276	.8285	.8295	.8305	.8314	.8324	.8334	.8344	.8353
132	.8270	.8280	.8289	.8299	.8309	.8318	.8328	.8338	.8348	.8357
133	.8274	.8284	.8293	.8303	.8312	.8322	.8332	.8341	.8351	.8360
134	.8278	.8288	.8297	.8307	.8316	.8326	.8336	.8345	.8355	.8364
135	.8281	.8291	.8300	.8310	.8320	.8329	.8339	.8349	.8359	.8368
136	.8285	.8295	.8304	.8314	.8323	.8333	.8343	.8352	.8362	.8371
137	.8288	.8298	.8307	.8317	.8326	.8336	.8346	.8355	.8365	.8374
138	.8291	.8301	.8310	.8320	.8330	.8339	.8349	.8359	.8369	.8378
139	.8295	.8305	.8314	.8324	.8334	.8343	.8353	.8363	.8373	.8382
140	.8299	.8309	.8318	.8328	.8338	.8347	.8357	.8367	.8377	.8386
141	.8303	.8313	.8322	.8332	.8341	.8351	.8361	.8370	.8380	.8389
142	.8307	.8317	.8326	.8336	.8345	.8355	.8365	.8374	.8384	.8393
143	.8310	.8320	.8329	.8339	.8348	.8358	.8368	.8377	.8387	.8396
144	.8314	.8324	.8333	.8343	.8352	.8362	.8372	.8381	.8391	.8400
145	.8318	.8328	.8337	.8347	.8356	.8366	.8376	.8385	.8395	.8404
146	.8321	.8331	.8340	.8350	.8359	.8369	.8379	.8388	.8398	.8407
147	.8325	.8335	.8344	.8354	.8363	.8373	.8383	.8392	.8402	.8411
148	.8328	.8338	.8347	.8357	.8366	.8376	.8386	.8395	.8405	.8414
149	.8331	.8341	.8350	.8360	.8369	.8379	.8389	.8398	.8408	.8417
150	.8335	.8345	.8354	.8364	.8373	.8383	.8393	.8402	.8412	.8421
151	.8339	.8349	.8358	.8368	.8377	.8387	.8397	.8406	.8416	.8425
152	.8342	.8352	.8361	.8371	.8380	.8390	.8400	.8409	.8419	.8428
153	.8346	.8356	.8365	.8375	.8384	.8394	.8404	.8413	.8423	.8432
154	.8350	.8360	.8369	.8379	.8388	.8398	.8408	.8417	.8427	.8436
155	.8353	.8363	.8372	.8382	.8391	.8401	.8411	.8420	.8430	.8439
156	.8357	.8367	.8376	.8386	.8395	.8405	.8415	.8424	.8434	.8443
157	.8360	.8370	.8379	.8389	.8398	.8408	.8418	.8427	.8437	.8446
158	.8363	.8373	.8382	.8392	.8401	.8411	.8421	.8430	.8440	.8449
159	.8367	.8377	.8386	.8396	.8405	.8415	.8425	.8434	.8444	.8453
160	.8370	.8380	.8389	.8399	.8408	.8418	.8428	.8437	.8447	.8456
161	.8373	.8383	.8392	.8402	.8411	.8421	.8431	.8440	.8450	.8459
162	.8377	.8387	.8396	.8406	.8415	.8425	.8435	.8444	.8454	.8463
163	.8380	.8390	.8399	.8409	.8418	.8428	.8438	.8447	.8457	.8466
164	.8384	.8394	.8403	.8413	.8422	.8432	.8442	.8451	.8461	.8470
165	.8388	.8398	.8407	.8417	.8426	.8436	.8445	.8455	.8464	.8474
166	.8391	.8401	.8410	.8420	.8429	.8439	.8449	.8458	.8468	.8477
167	.8395	.8405	.8414	.8424	.8433	.8443	.8453	.8462	.8472	.8481
168	.8398	.8408	.8417	.8327	.8436	.8446	.8456	.8465	.8475	.8484
169	.8402	.8412	.8421	.8431	.8440	.8450	.8459	.8469	.8478	.8488
170	.8406	.8416	.8425	.8435	.8444	.8454	.8463	.8473	.8482	.8492
171	.8409	.8419	.8428	.8438	.8447	.8457	.8466	.8476	.8485	.8495
172	.8413	.8423	.8432	.8442	.8451	.8461	.8470	.8480	.8489	.8499
173	.8416	.8426	.8435	.8445	.8454	.8464	.8473	.8483	.8492	.8502
174	.8420	.8430	.8439	.8449	.8458	.8468	.8477	.8487	.8496	.8506
175	.8423	.8433	.8442	.8452	.8461	.8471	.8480	.8490	.8499	.8509
176	.8426	.8436	.8445	.8455	.8464	.8474	.8483	.8493	.8502	.8512
177	.8430	.8440	.8449	.8459	.8468	.8478	.8487	.8497	.8506	.8516
178	.8434	.8444	.8453	.8463	.8472	.8482	.8491	.8501	.8510	.8520
179	.8437	.8447	.8456	.8466	.8475	.8485	.8494	.8504	.8513	.8523
180	.8441	.8451	.8460	.8470	.8479	.8489	.8498	.8508	.8517	.8527
181	.8444	.8454	.8463	.8473	.8482	.8492	.8501	.8511	.8520	.8530
182	.8448	.8458	.8467	.8477	.8486	.8496	.8505	.8515	.8524	.8534
183	.8451	.8461	.8470	.8480	.8489	.8499	.8508	.8518	.8527	.8537
184	.8455	.8465	.8474	.8484	.8493	.8503	.8512	.8522	.8531	.8541
185	.8458	.8468	.8477	.8487	.8496	.8506	.8515	.8525	.8534	.8544
186	.8462	.8472	.8481	.8491	.8500	.8510	.8519	.8529	.8538	.8548
187	.8465	.8475	.8484	.8494	.8503	.8513	.8522	.8532	.8541	.8551
188	.8469	.8479	.8488	.8498	.8507	.8517	.8526	.8536	.8545	.8555
189	.8472	.8482	.8491	.8501	.8510	.8520	.8529	.8539	.8548	.8558
190	.8476	.8486	.8495	.8505	.8514	.8524	.8533	.8543	.8552	.8562
191	.8479	.8489	.8498	.8508	.8517	.8527	.8536	.8546	.8555	.8565
192	.8482	.8492	.8501	.8511	.8520	.8530	.8539	.8549	.8558	.8568
193	.8485	.8495	.8504	.8514	.8523	.8533	.8542	.8552	.8561	.8571
194	.8489	.8499	.8508	.8518	.8527	.8537	.8546	.8556	.8565	.8575
195	.8493	.8503	.8512	.8522	.8531	.8541	.8550	.8560	.8569	.8579

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7855	0.7865	0.7876	0.7886	0.7897	0.7907	0.7918	0.7928	0.7939	0.7949
1	.7859	.7869	.7880	.7890	.7901	.7911	.7922	.7932	.7943	.7953
2	.7864	.7874	.7885	.7895	.7906	.7916	.7927	.7937	.7948	.7958
3	.7868	.7878	.7889	.7899	.7910	.7920	.7931	.7941	.7952	.7962
4	.7873	.7883	.7894	.7904	.7915	.7925	.7936	.7946	.7957	.7967
5	.7878	.7888	.7899	.7909	.7920	.7930	.7941	.7951	7962	.7972
6	.7882	.7892	.7903	.7913	.7924	.7934	.7945	.7955	.7966	.7976
7	.7887	.7897	.7908	.7918	.7929	.7939	.7950	.7960	.7971	.7981
8	.7891	.7901	.7912	.7922	.7933	.7943	.7954	.7964	.7975	.7985
9	.7895	.7905	.7916	.7926	.7937	.7947	.7958	.7968	.7979	.7989
10	.7899	.7909	.7920	.7930	7941	.7951	.7962	.7972	.7983	.7993
11	.7903	.7913	.7924	.7934	.7945	.7955	.7966	.7976	.7987	.7997
12	.7907	.7917	.7928	.7938	.7949	.7959	.7970	.7980	.7991	.8001
13	.7912	.7922	.7933	.7943	.7954	.7964	.7974	.7985	.7995	.8006
14	.7916	.7926	.7937	.7947	.7958	.7968	.7978	.7989	.7999	.8010
15	.7921	.7931	.7942	.7952	.7962	.7973	.7983	.7993	.8003	.8014
16	.7925	.7935	.7946	.7956	.7966	.7977	.7987	.7997	.8007	.8018
17	.7929	.7939	.7950	.7960	.7970	.7981	.7991	.8001	.8011	.8022
18	.7933	.7943	.7954	.7964	.7974	.7985	.7995	.8005	.8015	.8026
19	.7937	.7947	.7958	.7968	.7978	.7989	.7999	.8009	.8019	.8030
20	.7941	.7951	.7962	.7972	.7982	.7993	.8003	.8013	.8023	.8034
21	.7945	.7955	.7966	.7976	.7986	.7997	.8007	.8017	.8027	.8038
22	.7949	.7959	.7970	.7980	.7990	.8001	.8011	.8021	.8031	.8042
23	.7953	.7963	.7974	.7984	.7994	.8005	.8015	.8025	.8035	.8046
24	.7957	.7967	.7978	.7988	.7998	.8009	.8019	.8029	.8039	.8050
25	.7961	.7971	.7982	.7992	.8002	.8013	.8023	.8033	.8043	.8054
26	.7965	.7975	.7986	.7996	.8006	.8017	.8027	.8037	.8047	.8058
27	.7969	.7979	.7990	.8000	.8010	.8021	.8031	.8041	.8051	.8062
28	.7973	.7983	.7994	.8004	.8014	.8025	.8035	.8045	.8055	.8066
29	.7977	.7987	.7998	.8008	.8018	.8029	.8039	.8049	.8059	.8070
30	.7981	.7991	.8002	.8012	.8022	.8033	8043	.8053	.8063	.8074
31	.7985	.7995	.8005	.8016	.8026	.8036	.8046	.8056	.8067	.8077
32	.7989	.7999	.8009	.8020	.8030	.8040	.8050	.8060	.8071	.8081
33	.7993	.8003	.8013	.8024	.8034	.8044	.8054	.8064	.8075	.8085
34	.7997	.8007	.8017	.8028	.8038	.8048	.8058	.8068	.8079	.8089
35	.8001	.8011	.8021	.8032	.8042	.8052	.8062	.8072	.8083	.8093
36	.8005	.8015	.8025	.8036	.8046	.8056	.8066	.8076	.8087	.8097
37	.8009	.8019	.8029	.8040	.8050	.8060	.8070	.8080	.8091	.8101
38	.8013	.8023	.8033	.8044	.8054	.8064	.8074	.8084	.8095	.8105
39	.8017	.8027	.8037	.8048	.8058	.8068	.8078	.8088	.8099	.8109
40	.8021	.8031	.8041	.8052	.8062	.8072	.8082	.8092	.8103	.8113
41	.8025	.8035	.8045	.8056	.8066	.8076	.8086	.8096	.8107	.8117
42	.8029	.8039	.8049	.8060	.8070	.8080	.8090	.8100	.8111	.8121
43	.8033	.8043	.8053	.8064	.8074	.8084	.8094	.8104	.8115	.8125
44	.8037	.8047	.8057	.8068	.8078	.8088	.8098	.8108	.8119	.8129
45	.8041	.8051	.8061	.8072	.8082	.8092	.8102	.8112	.8123	.8133
46	.8045	.8055	.8065	.8076	.8086	.8096	.8106	.8116	.8127	.8137
47	.8049	.8059	.8069	.8080	.8090	.8100	.8110	.8120	.8131	.8141
48	.8053	.8063	.8073	.8084	.8094	.8104	.8114	.8124	.8135	.8145
49	.8057	.8067	.8077	.8088	.8098	.8108	.8118	.8128	.8139	.8149
50	.8061	.8071	.8081	.8091	.8101	.8112	.8122	.8132	.8142	.8152
51	.8065	.8075	.8085	.8095	.8105	.8116	.8126	.8136	.8146	.8156
52	.8069	.8079	.8089	.8099	.8109	.8120	.8130	.8140	.8150	.8160
53	.8072	.8082	.8092	.8103	.8113	.8123	.8133	.8143	.8154	.8164
54	.8076	.8086	.8096	.8106	.8116	.8127	.8137	.8147	.8157	.8167
55	.8080	.8090	.8100	.8110	.8120	.8131	.8141	.8151	.8161	.8171
56	.8084	.8094	.8104	.8114	.8124	.8135	.8145	.8155	.8165	.8175
57	.8088	.8098	.8108	.8118	.8128	.8138	.8148	8158	.8168	.8178
58	.8092	.8102	.8112	.8122	.8132	.8142	.8152	.8162	.8172	.8182
59	.8096	.8106	.8116	.8126	.8136	.8146	.8156	.8166	.8176	.8186
60	.8100	.8110	.8120	.8130	.8140	.8150	.8160	.8170	.8180	.8190
61	.8104	.8114	.8124	.8134	.8144	.8154	.8164	.8174	.8184	.8194
62	.8107	.8117	.8127	.8137	.8147	.8157	.8167	.8177	.8187	.8197
63	.8111	.8121	.8131	.8141	.8151	.8160	.8170	.8180	.8190	.8200
64	.8115	.8125	.8135	.8145	.8155	.8164	.8174	.8184	.8194	.8204

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.8119	0.8129	0.8139	0.8149	0.8159	0.8168	0.8178	0.8188	0.8198	0.8208
66	.8123	.8133	.8143	.8153	.8163	.8172	.8182	.8192	.8202	.8212
67	.8127	.8137	.8147	.8157	.8167	.8176	.8186	.8196	.8206	.8216
68	.8131	.8141	.8151	.8161	.8171	.8180	.8190	.8200	.8210	.8220
69	.8135	.8145	.8155	.8165	.8175	.8184	.8194	.8204	.8214	.8224
70	.8138	.8148	.8158	.8168	.8178	.8187	.8197	.8207	.8217	.8227
71	.8142	.8152	.8162	.8172	.8182	.8191	.8201	.8211	.8221	.8231
72	.8146	.8156	.8166	.8176	.8186	.8195	.8205	.8215	.8225	.8235
73	.8150	.8160	.8170	.8180	.8190	.8199	.8209	.8219	.8229	.8239
74	.8154	.8164	.8174	.8184	.8194	.8203	.8213	.8223	.8233	.8243
75	.8158	.8168	.8178	.8188	.8198	.8207	.8217	.8227	.8237	.8247
76	.8162	.8172	.8182	.8192	.8202	.8211	.8221	.8231	.8241	.8251
77	.8165	.8175	.8185	.8195	.8205	.8214	.8224	.8234	.8244	.8254
78	.8169	.8179	.8189	.8199	.8209	.8218	.8228	.8238	.8248	.8258
79	.8173	.8183	.8193	.8203	.8213	.8222	.8232	.8242	.8252	.8262
80	.8177	.8187	.8197	.8207	.8217	.8226	.8236	.8246	.8256	.8266
81	.8181	.8191	.8201	.8211	.8221	.8230	.8240	.8250	.8260	.8270
82	.8184	.8194	.8204	.8214	.8224	.8233	.8243	.8253	.8263	.8273
83	.8188	.8198	.8208	.8218	.8228	.8237	.8247	.8257	.8267	.8277
84	.8192	.8202	.8212	.8222	.8232	.8241	.8251	.8261	.8271	.8281
85	.8196	.8206	.8216	.8226	.8236	.8245	.8255	.8265	.8275	.8285
86	.8200	.8210	.8220	.8230	.8240	.8249	.8259	.8269	.8279	.8289
87	.8203	.8213	.8223	.8233	.8243	.8252	.8262	.8272	.8282	.8292
88	.8207	.8217	.8227	.8236	.8246	.8256	.8266	.8276	.8285	.8295
89	.8211	.8221	.8231	.8240	.8250	.8260	.8270	.8280	.8289	.8299
90	.8214	.8224	.8234	.8243	.8253	.8263	.8273	.8283	.8292	.8302
91	.8218	.8228	.8238	.8247	.8257	.8267	.8277	.8287	.8296	.8306
92	.8221	.8231	.8241	.8251	.8261	.8270	.8280	.8290	.8300	.8310
93	.8225	.8235	.8245	.8254	.8264	.8274	.8284	.8294	.8303	.8313
94	.8229	.8239	.8249	.8258	.8268	.8278	.8288	.8298	.8307	.8317
95	.8232	.8242	.8252	.8262	.8272	.8281	.8291	.8301	.8311	.8321
96	.8236	.8246	.8256	.8265	.8275	.8285	.8295	.8305	.8314	.8324
97	.8239	.8249	.8259	.8268	.8278	.8288	.8298	.8308	.8317	.8327
98	.8243	.8253	.8263	.8272	.8282	.8292	.8302	.8312	.8321	.8331
99	.8247	.8257	.8266	.8276	.8286	.8295	.8305	.8315	.8325	.8334
100	.8251	.8261	.8270	.8280	.8290	.8299	.8309	.8319	.8329	.8338
101	.8255	.8265	.8274	.8284	.8294	.8303	.8313	.8323	.8333	.8342
102	.8258	.8268	.8278	.8287	.8297	.8307	.8317	.8327	.8336	.8346
103	.8262	.8272	.8282	.8291	.8301	.8311	.8321	.8331	.8340	.8350
104	.8266	.8276	.8286	.8295	.8305	.8315	.8325	.8335	.8344	.8354
105	.8269	.8279	.8289	.8298	.8308	.8318	.8328	.8338	.8347	.8357
106	.8273	.8283	.8292	.8302	.8312	.8321	.8331	.8341	.8351	.8360
107	.8277	.8287	.8296	.8306	.8316	.8325	.8335	.8345	.8355	.8364
108	.8281	.8291	.8300	.8310	.8320	.8329	.8339	.8349	.8359	.8368
109	.8284	.8294	.8304	.8313	.8323	.8333	.8343	.8353	.8362	.8372
110	.8288	.8298	.8307	.8317	.8327	.8336	.8346	.8356	.8366	.8375
111	.8291	.8301	.8311	.8320	.8330	.8340	.8350	.8360	.8369	.8379
112	.8295	.8305	.8315	.8324	.8334	.8344	.8354	.8364	.8373	.8383
113	.8299	.8309	.8319	.8328	.8338	.8348	.8358	.8368	.8377	.8387
114	.8302	.8312	.8322	.8331	.8341	.8351	.8361	.8371	.8380	.8390
115	.8306	.8316	.8326	.8335	.8345	.8355	.8365	.8375	.8384	.8394
116	.8310	.8320	.8329	.8339	.8349	.8358	.8368	.8378	.8388	.8397
117	.8314	.8324	.8333	.8343	.8353	.8362	.8372	.8382	.8392	.8401
118	.8317	.8327	.8337	.8346	.8356	.8366	.8376	.8386	.8395	.8405
119	.8320	.8330	.8340	.8349	.8359	.8369	.8379	.8389	.8398	.8408
120	.8324	.8334	.8343	.8353	.8363	.8372	.8382	.8392	.8402	.8411
121	.8328	.8338	.8347	.8357	.8367	.8376	.8386	.8396	.8406	.8415
122	.8332	.8342	.8351	.8361	.8371	.8380	.8390	.8400	.8410	.8419
123	.8335	.8345	.8354	.8364	.8374	.8383	.8393	.8403	.8413	.8422
124	.8339	.8349	.8358	.8368	.8377	.8387	.8397	.8406	.8416	.8425
125	.8342	.8352	.8361	.8371	.8381	.8390	.8400	.8410	.8420	.8429
126	.8345	.8355	.8364	.8374	.8384	.8393	.8403	.8413	.8423	.8432
127	.8349	.8359	.8368	.8378	.8388	.8397	.8407	.8417	.8427	.8436
128	.8352	.8362	.8372	.8381	.8391	.8401	.8411	.8421	.8430	.8440
129	.8356	.8366	.8376	.8385	.8395	.8405	.8415	.8425	.8434	.8444

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.8360	0.8370	0.8379	0.8389	0.8399	0.8408	0.8418	0.8428	0.8438	0.8447
131	.8363	.8373	.8382	.8392	.8402	.8411	.8421	.8431	.8441	.8450
132	.8367	.8377	.8386	.8396	.8406	.8415	.8425	.8435	.8445	.8454
133	.8370	.8380	.8389	.8399	.8409	.8418	.8428	.8438	.8448	.8457
134	.8374	.8384	.8393	.8403	.8413	.8422	.8432	.8442	.8452	.8461
135	.8378	.8388	.8397	.8407	.8417	.8426	.8436	.8446	.8456	.8465
136	.8381	.8391	.8400	.8410	.8420	.8429	.8439	.8449	.8459	.8468
137	.8384	.8394	.8403	.8413	.8423	.8432	.8442	.8452	.8462	.8471
138	.8388	.8398	.8407	.8417	.8427	.8436	.8446	.8456	.8466	.8475
139	.8392	.8402	.8411	.8421	.8431	.8440	.8450	.8460	.8470	.8479
140	.8396	.8406	.8415	.8425	.8435	.8444	.8454	.8464	.8474	.8483
141	.8399	.8409	.8418	.8428	.8438	.8447	.8457	.8467	.8477	.8486
142	.8403	.8413	.8422	.8432	.8442	.8451	.8461	.8471	.8481	.8490
143	.8406	.8416	.8425	.8435	.8445	.8454	.8464	.8474	.8484	.8493
144	.8410	.8420	.8429	.8439	.8448	.8458	.8468	.8477	.8487	.8496
145	.8414	.8424	.8433	.8443	.8452	.8462	.8472	.8481	.8491	.8500
146	.8417	.8427	.8436	.8446	.8455	.8465	.8475	.8484	.8494	.8503
147	.8421	.8431	.8440	.8450	.8459	.8469	.8479	.8488	.8498	.8507
148	.8424	.8434	.8443	.8453	.8462	.8472	.8482	.8491	.8501	.8510
149	.8427	.8437	.8446	.8456	.8465	.8475	.8485	.8494	.8504	.8513
150	.8431	.8441	.8450	.8460	.8469	.8479	.8489	.8498	.8508	.8517
151	.8435	.8445	.8454	.8464	.8473	.8483	.8493	.8502	.8512	.8521
152	.8438	.8448	.8457	.8467	.8476	.8486	.8496	.8505	.8515	.8524
153	.8442	.8452	.8461	.8471	.8480	.8490	.8500	.8509	.8519	.8528
154	.8446	.8456	.8465	.8475	.8484	.8494	.8504	.8513	.8523	.8532
155	.8449	.8459	.8468	.8478	.8487	.8497	.8507	.8516	.8526	.8535
156	.8453	.8463	.8472	.8482	.8491	.8501	8511	.8520	.8530	.8539
157	.8456	.8466	.8475	.8485	.8494	.8504	.8514	.8523	.8533	.8542
158	.8459	.8469	.8478	.8488	.8497	.8507	.8517	.8526	.8536	.8545
159	.8463	.8473	.8482	.8492	.8501	.8511	.8521	.8530	.8540	.8549
160	.8466	.8476	.8485	.8495	.8504	.8514	.8524	.8533	.8543	.8552
161	.8469	.8479	.8488	.8498	.8507	.8517	.8527	.8536	.8546	.8555
162	.8473	.8483	.8492	.8502	.8511	.8521	.8531	.8540	.8550	.8559
163	.8476	.8486	.8495	.8505	.8514	.8524	.8534	.8543	.8553	.8562
164	.8480	.8490	.8499	.8509	.8518	.8528	.8538	.8547	.8557	.8566
165	.8483	.8493	.8502	.8512	.8521	.8531	.8541	.8550	.8560	.8569
166	.8487	.8497	.8506	.8516	.8525	.8535	.8545	.8554	.8564	.8573
167	.8491	.8501	.8510	.8520	.8529	.8539	.8549	.8558	.8568	.8577
168	.8494	.8504	.8513	.8523	.8532	.8542	.8552	.8561	.8571	.8580
169	.8497	.8507	.8516	.8526	.8535	.8545	.8555	.8564	.8574	.8583
170	.8501	.8511	.8520	.8530	.8539	.8549	.8559	.8568	.8578	.8587
171	.8504	.8514	.8523	.8533	.8542	.8552	.8562	.8571	.8581	.8590
172	.8508	.8518	.8527	.8537	.8546	.8556	.8565	.8575	.8584	.8594
173	.8511	.8521	.8530	.8540	.8549	.8559	.8568	.8578	.8587	.8597
174	.8515	.8525	.8534	.8544	.8553	.8563	.8572	.8582	.8591	.8601
175	.8518	.8528	.8537	.8547	.8556	.8566	.8575	.8585	.8594	.8604
176	.8521	.8531	.8540	.8550	.8559	.8569	.8578	.8588	.8597	.8607
177	.8525	.8535	.8544	.8554	.8563	.8573	.8582	.8592	.8601	.8611
178	.8529	.8539	.8548	.8558	.8567	.8577	.8586	.8596	.8605	.8615
179	.8532	.8542	.8551	.8561	.8570	.8580	.8589	.8599	.8608	.8618
180	.8536	.8546	.8555	.8565	.8574	.8584	.8593	.8603	.8612	.8622
181	.8539	.8549	.8558	.8568	.8577	.8587	.8596	.8606	.8615	.8625
182	.8543	.8553	.8562	.8572	.8581	.8591	.8600	.8610	.8619	.8629
183	.8546	.8556	.8565	.8575	.8584	.8594	.8603	.8613	.8622	.8632
184	.8550	.8560	.8569	.8579	.8588	.8598	.8607	.8617	.8626	.8636
185	.8553	.8563	.8572	.8582	.8591	.8601	.8610	.8620	.8629	.8639
186	.8557	.8567	.8576	.8586	.8595	.8605	.8614	.8624	.8633	.8643
187	.8560	.8570	.8579	.8589	.8598	.8608	.8617	.8627	.8636	.8646
188	.8564	.8574	.8583	.8593	.8602	.8612	.8621	.8631	.8640	.8650
189	.8567	.8577	.8586	.8596	.8605	.8615	.8624	.8634	.8643	.8653
190	.8571	.8581	.8590	.8600	.8609	.8619	.8628	.8638	.8647	.8657
191	.8574	.8584	.8593	.8603	.8612	.8622	.8631	.8641	.8650	.8660
192	.8577	.8587	.8596	.8606	.8615	.8625	.8634	.8644	.8653	.8663
193	.8580	.8590	.8599	.8609	.8618	.8628	.8637	.8647	.8656	.8666
194	.8584	.8594	.8603	.8613	.8622	.8632	.8641	.8651	.8660	.8670
195	.8588	.8598	.8607	.8517	.8626	.8636	.8645	.8655	.8664	.8674

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.7960	0.7970	0.7981	0.7991	0.8002	0.8012	0.8022	0.8033	0.8043	0.8054
1	.7964	.7974	.7985	.7995	.8006	.8016	.8026	.8037	.8047	.8058
2	.7969	.7979	.7990	.8000	.8011	.8021	.8031	.8042	.8052	.8063
3	.7973	.7983	.7994	.8004	.8015	.8025	.8035	.8046	.8056	.8067
4	.7978	.7988	.7999	.8009	.8020	.8030	.8040	.8051	.8061	.8072
5	.7983	.7993	.8004	.8014	.8025	.8035	.8045	.8056	.8066	.8077
6	.7987	.7997	.8008	.8018	.8029	.8039	.8049	.8060	.8070	.8081
7	.7992	.8002	.8013	.8023	.8033	.8044	.8054	.8064	.8074	.8085
8	.7996	.8006	.8017	.8027	.8037	.8048	.8058	.8068	.8078	.8089
9	.8000	.8010	.8021	.8031	.8041	.8052	.8062	.8072	8082	.8093
10	.8004	.8014	.8025	.8035	.8045	.8056	.8066	.8076	.8086	.8097
11	.8008	.8018	.8029	.8039	.8049	.8060	.8070	.8080	.8090	.8101
12	.8012	.8022	.8033	.8043	.8053	.8064	.8074	.8084	.8094	.8105
13	.8016	.8026	.8037	.8047	.8057	.8068	.8078	.8088	.8098	.8109
14	.8020	.8030	.8041	.8051	.8061	.8072	.8082	.8092	.8102	.8113
15	.8024	.8034	.8045	.8055	.8065	.8076	.8086	.8096	.8106	.8117
16	.8028	.8038	.8049	.8059	.8069	.8080	.8090	.8100	.8110	.8121
17	.8032	.8042	.8053	.8063	.8073	.8084	.8094	.8104	.8114	.8125
18	.8036	.8046	.8056	.8067	.8077	.8087	.8097	.8107	.8118	.8128
19	.8040	.8050	.8060	.8071	.8081	.8091	.8101	.8111	.8122	.8132
20	.8044	.8054	.8064	.8075	.8085	.8095	.8105	.8115	.8126	.8136
21	.8048	.8058	.8068	.8079	.8089	.8099	.8109	.8119	.8130	.8140
22	.8052	.8062	.8072	.8083	.8093	.8103	.8113	.8123	.8134	.8144
23	.8056	.8066	.8076	.8087	.8097	.8107	.8117	.8127	.8138	.8148
24	.8060	.8070	.8080	.8091	.8101	.8111	.8121	.8131	.8142	.8152
25	.8064	.8074	.8084	.8095	.8105	.8115	.8125	.8135	.8146	.8156
26	.8068	.8078	.8088	.8099	.8109	.8119	.8129	.8139	.8150	.8160
27	.8072	.8082	.8092	.8103	.8113	.8123	.8133	.8143	.8154	.8164
28	.8076	.8086	.8096	.8107	.8117	.8127	.8137	.8147	.8158	.8168
29	.8080	.8090	.8100	.8111	.8121	.8131	.8141	.8151	.8162	.8172
30	.8084	.8094	.8104	.8115	.8125	.8135	.8145	.8155	.8166	.8176
31	.8087	.8097	.8107	.8118	.8128	.8138	.8148	.8158	.8169	.8179
32	.8091	.8101	.8111	.8122	.8132	.8142	.8152	.8162	.8173	.8183
33	.8095	.8105	.8115	.8126	.8136	.8146	.8156	.8166	.8177	.8187
34	.8099	.8109	.8119	.8129	.8139	.8150	.8160	.8170	.8180	.8190
35	.8103	.8113	.8123	.8133	.8143	.8154	.8164	.8174	.8184	.8194
36	.8107	.8117	.8127	.8137	.8147	.8158	.8168	.8178	.8188	.8198
37	.8111	.8121	.8131	.8141	.8151	.8162	.8172	.8182	.8192	.8202
38	.8115	.8125	.8135	.8145	.8155	.8166	.8176	.8186	.8196	.8206
39	.8119	.8129	.8139	.8149	.8159	.8170	.8180	.8190	.8200	.8210
40	.8123	.8133	.8143	.8153	.8163	.8174	.8184	.8194	.8204	.8214
41	.8127	.8137	.8147	.8157	.8167	.8178	.8188	.8198	.8208	.8218
42	.8131	.8141	.8151	.8161	.8171	.8181	.8191	.8201	.8211	.8221
43	.8135	.8145	.8155	.8165	.8175	.8185	.8195	.8205	.8215	.8225
44	.8139	.8149	.8159	.8169	.8179	.8188	.8198	.8208	.8218	.8228
45	.8143	.8153	.8163	.8173	.8183	.8192	.8202	.8212	.8222	.8232
46	.8147	.8157	.8167	.8177	.8187	.8196	.8206	.8216	.8226	.8236
47	.8151	.8161	.8171	.8181	.8191	.8200	.8210	.8220	.8230	.8240
48	.8155	.8165	.8175	.8185	.8195	.8204	.8214	.8224	.8234	.8244
49	.8159	.8169	.8179	.8189	.8199	.8208	.8218	.8228	.8238	.8248
50	.8162	.8172	.8182	.8192	.8202	.8212	.8222	.8232	.8242	.8252
51	.8166	.8176	.8186	.8196	.8206	.8215	.8225	.8235	.8245	.8255
52	.8170	.8180	.8190	.8200	.8210	.8219	.8229	.8239	.8249	.8259
53	.8174	.8184	.8194	.8204	.8214	.8223	.8233	.8243	.8253	.8263
54	.8177	.8187	.8197	.8207	.8217	.8227	.8237	.8247	.8257	.8267
55	.8181	.8191	.8201	.8211	.8221	.8231	.8241	.8251	.8261	.8271
56	.8185	.8195	.8205	.8215	.8225	.8235	.8245	.8255	.8265	.8275
57	.8188	.8198	.8208	.8218	.8228	.8238	.8248	.8258	.8268	.8278
58	.8192	.8202	.8212	.8222	.8232	.8242	.8252	.8262	.8272	.8282
59	.8196	.8206	.8216	.8226	.8236	.8246	.8256	.8266	.8276	.8286
60	.8200	.8210	.8220	.8230	.8240	.8250	.8260	.8270	.8280	.8290
61	.8204	.8214	.8224	.8234	.8244	.8254	.8264	.8274	.8284	.8294
62	.8207	.8217	.8227	.8237	.8247	.8257	.8267	.8277	.8287	.8297
63	.8210	.8220	.8230	.8240	.8250	.8260	.8270	.8280	.8290	.8300
64	.8214	.8224	.8234	.8244	.8254	.8264	.8274	.8284	.8294	.8304

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.8218	0.8228	0.8238	0.8248	0.8258	0.8268	0.8278	0.8288	0.8298	0.8308
66	.8222	.8232	.8242	.8252	.8262	.8272	.8282	.8292	.8302	.8312
67	.8226	.8236	.8246	.8256	.8266	.8276	.8286	.8296	.8306	.8316
68	.8230	.8240	.8250	.8260	.8270	.8280	.8290	.8300	.8310	.8320
69	.8234	.8244	.8254	.8264	.8274	.8283	.8293	.8303	.8313	.8323
70	.8237	.8247	.8257	.8267	.8277	.8287	.8297	.8307	.8317	.8327
71	.8241	.8251	.8261	.8271	.8281	.8290	.8300	.8310	.8320	.8330
72	.8245	.8255	.8265	.8275	.8285	.8294	.8304	.8314	.8324	.8334
73	.8249	.8259	.8269	.8279	.8289	.8298	.8308	.8318	.8328	.8338
74	.8253	.8263	.8273	.8283	.8293	.8302	.8312	.8322	.8332	.8342
75	.8257	.8267	.8277	.8287	.8297	.8306	.8316	.8326	.8336	.8346
76	.8261	.8270	.8281	.8291	.8301	.8310	.8320	.8330	.8340	.8350
77	.8264	.8274	.8284	.8294	.8304	.8313	.8323	.8333	.8343	.8353
78	.8268	.8278	.8288	.8298	.8208	.8317	.8327	.8337	.8347	.8357
79	.8272	.8282	.8292	.8302	.8312	.8321	.8331	.8341	.8351	.8361
80	.8276	.8286	.8296	.8306	.8316	.8325	.8335	.8345	.8355	.8365
81	.8280	.8290	.8300	.8310	.8320	.8329	.8339	.8349	.8359	.8369
82	.8283	.8293	.8303	.8313	.8323	.8332	.8342	.8352	.8362	.8372
83	.8287	.8297	.8307	.8317	.8327	.8336	.8346	.8356	.8366	.8376
84	.8291	.8301	.8311	.8321	.8331	.8340	.8350	.8360	.8370	.8380
85	.8295	.8305	.8315	.8325	.8335	.8344	.8354	.8364	.8374	.8384
86	.8299	.8309	.8319	.8329	.8339	.8348	.8358	.8368	.8378	.8388
87	.8302	.8312	.8322	.8332	.8342	.8351	.8361	.8371	.8381	.8391
88	.8305	.8315	.8325	.8335	.8345	.8354	.8364	.8374	.8384	.8394
89	.8309	.8319	.8329	.8339	.8349	.8358	.8368	.8378	.8388	.8398
90	.8312	.8322	.8332	.8342	.8352	.8361	.8371	.8381	.8391	.8401
91	.8316	.8326	.8336	.8346	.8356	.8365	.8375	.8385	.8395	.8405
92	.8320	.8330	.8340	.8350	.8360	.8369	.8379	.8389	.8399	.8409
93	.8323	.8333	.8343	.8353	.8363	.8372	.8382	.8392	.8402	.8412
94	.8327	.8337	.8347	.8356	.8366	.8376	.8386	.8396	.8405	.8415
95	.8331	.8341	.8351	.8360	.8370	.8380	.8390	.8400	.8409	.8419
96	.8334	.8344	.8354	.8363	.8373	.8383	.8393	.8403	.8412	.8422
97	.8337	.8347	.8357	.8367	.8377	.8386	.8396	.8406	.8416	.8426
98	.8341	.8351	.8361	.8370	.8380	.8390	.8400	.8410	.8419	.8429
99	.8344	.8354	.8364	.8373	.8383	.8393	.8403	.8413	.8422	.8432
100	.8348	.8358	.8368	.8377	.8387	.8397	.8407	.8417	.8426	.8436
101	.8352	.8362	.8372	.8381	.8391	.8401	.8411	.8421	.8430	.8440
102	.8356	.8366	.8376	.8385	.8395	.8405	.8415	.8425	.8434	.8444
103	.8360	.8370	.8380	.8389	.8399	.8409	.8419	.8429	.8438	.8448
104	.8364	.8374	.8384	.8393	.8403	.8413	.8423	.8433	.8442	.8452
105	.8367	.8377	.8387	.8397	.8407	.8416	.8426	.8436	.8446	.8456
106	.8370	.8380	.8390	.8400	.8410	.8419	.8429	.8439	.8449	.8459
107	.8374	.8384	.8394	.8403	.8413	.8423	.8433	.8443	.8452	.8462
108	.8378	.8388	.8398	.8407	.8417	.8427	.8437	.8447	.8456	.8466
109	.8382	.8392	.8402	.8411	.8421	.8431	.8441	.8451	.8560	.8470
110	.8385	.8395	.8405	.8414	.8424	.8434	.8444	.8454	.8463	.8473
111	.8389	.8399	.8409	.8418	.8428	.8438	.8448	.8458	.8467	.8477
112	.8393	.8403	.8413	.8422	.8432	.8442	.8452	.8462	.8471	.8481
113	.8397	.8407	.8417	.8426	.8436	.8446	.8456	.8466	.8475	.8485
114	.8400	.8410	.8420	.8429	.8439	.8449	.8459	.8469	.8478	.8488
115	.8404	.8414	.8424	.8433	.8443	.8453	.8463	.8473	.8482	.8492
116	.8407	.8417	.8427	.8436	.8446	.8456	.8466	.8476	.8485	.8495
117	.8411	.8421	.8431	.8440	.8450	.8460	.8470	.8480	.8489	.8499
118	.8415	.8425	.8435	.8444	.8454	.8464	.8474	.8484	.8493	.8503
119	.8418	.8428	.8438	.8447	.8457	.8467	.8477	.8487	.8496	.8506
120	.8421	.8431	.8441	.8450	.8460	.8470	.8480	.8490	.8499	.8509
121	.8425	.8435	.8445	.8454	.8464	.8474	.8484	.8494	.8503	.8513
122	.8429	.8439	.8449	.8458	.8468	.8478	.8488	.8498	.8507	.8517
123	.8432	.8442	.8452	.8461	.8471	.8481	.8491	.8501	.8510	.8520
124	.8435	.8445	.8455	.8464	.8474	.8484	.8494	.8504	.8513	.8523
125	.8439	.8449	.8459	.8468	.8478	.8488	.8498	.8508	.8517	.8527
126	.8442	.8452	.8462	.8471	8481	.8491	.8501	.8511	.8520	.8530
127	.8446	.8456	.8466	.8475	.8485	.8495	.8505	.8515	.8524	.8534
128	.8450	.8460	.8470	.8479	.8489	.8499	.8509	.8519	.8528	.8538
129	.8454	.8464	.8474	.8483	.8493	.8503	.8513	.8523	.8532	.8542

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.8457	0.8467	0.8477	0.8486	0.8496	0.8506	0.8516	0.8526	0.8535	0.8545
131	.8460	.8470	.8480	.8489	.8499	.8509	.8519	.8529	.8538	.8548
132	.8464	.8474	.8484	.8493	.8503	.8513	.8523	.8533	.8542	.8552
133	.8467	.8477	.8487	.8496	.8506	.8516	.8526	.8536	.8545	.8555
134	.8471	.8481	.8491	.8500	.8510	.8520	.8530	.8540	.8549	.8559
135	.8475	.8485	.8494	.8504	.8514	.8523	.8533	.8543	.8553	.8562
136	.8478	.8488	.8497	.8507	.8517	.8526	.8536	.8546	.8556	.8565
137	.8481	.8491	.8500	.8510	.8520	.8529	.8539	.8549	.8559	.8568
138	.8485	.8495	.8504	.8514	.8524	.8533	.8543	.8553	.8563	.8572
139	.8489	.8499	.8508	.8518	.8528	.8537	.8547	.8557	.8567	.8576
140	.8493	.8503	.8512	.8522	.8532	.8541	.8551	.8561	.8571	.8580
141	.8496	.8506	.8515	.8525	.8535	.8544	.8554	.8564	.8574	.8583
142	.8500	.8510	.8519	.8529	.8539	.8548	.8558	.8568	.8578	.8587
143	.8503	.8513	.8522	.8532	.8542	.8551	.8561	.8571	.8581	.8590
144	.8506	.8516	.8525	.8535	.8545	.8554	.8564	.8574	.8584	.8593
145	.8510	.8520	.8529	.8539	.8549	.8558	.8568	.8578	.8588	.8597
146	.8513	.8523	.8532	.8542	.8552	.8561	.8571	.8581	.8591	.8600
147	.8517	.8527	.8536	.8546	.8556	.8565	.8575	.8585	.8595	.8604
148	.8520	.8530	.8539	.8549	.8559	.8568	.8578	.8588	.8598	.8607
149	.8523	.8533	.8542	.8552	.8562	.8571	.8581	.8591	.8601	.8610
150	.8527	.8537	.8546	.8556	.8565	.8575	.8585	.8594	.8604	.8613
151	.8531	.8541	.8550	.8560	.8569	.8579	.8589	.8598	.8608	.8617
152	.8534	.8544	.8553	.8563	.8572	.8582	.8592	.8601	.8611	.8620
153	.8538	.8548	.8557	.8567	.8576	.8586	.8596	.8605	.8615	.8624
154	.8542	.8552	.8561	.8571	.8580	.8590	.8600	.8609	.8619	.8628
155	.8545	.8555	.8564	.8574	.8583	.8593	.8603	.8612	.8622	.8631
156	.8549	.8559	.8568	.8578	.8587	.8597	.8607	.8616	.8626	.8635
157	.8552	.8562	.8571	.8581	.8590	.8600	.8610	.8619	.8629	.8638
158	.8555	.8565	.8574	.8584	.8594	.8603	.8613	.8623	.8633	.8642
159	.8559	.8569	.8578	.8588	.8597	.8607	.8617	.8626	.8636	.8645
160	.8562	.8572	.8581	.8591	.8601	.8610	.8620	.8630	.8640	.8649
161	.8565	.8575	.8584	.8594	.8604	.8613	.8623	.8633	.8643	.8652
162	.8569	.8579	.8588	.8598	.8607	.8617	.8627	.8636	.8646	.8655
163	.8572	.8582	.8591	.8601	.8611	.8620	.8630	.8640	.8650	.8659
164	.8576	.8586	.8595	.8605	.8614	.8624	.8634	.8643	.8653	.8662
165	.8579	.8589	.8598	.8608	.8618	.8627	.8637	.8647	.8657	.8666
166	.8583	.8593	.8602	.8612	.8621	.8631	.8641	.8650	.8660	.8669
167	.8587	.8597	.8606	.8616	.8625	.8635	.8645	.8654	.8664	.8673
168	.8590	.8600	.8609	.8619	.8628	.8638	.8648	.8657	.8667	.8676
169	.8593	.8603	.8612	.8622	.8632	.8641	.8651	.8661	.8671	.8680
170	.8597	.8607	.8616	.8626	.8635	.8645	.8655	.8664	.8674	.8683
171	.8600	.8610	.8619	.8629	.8638	.8648	.8658	.8667	.8677	.8686
172	.8603	.8613	.8622	.8632	.8641	.8651	.8661	.8670	.8680	.8689
173	.8606	.8616	.8625	.8635	.8645	.8654	.8664	.8674	.8684	.8693
174	.8610	.8620	.8629	.8639	.8649	.8658	.8668	.8678	.8688	.8697
175	.8613	.8623	.8632	.8642	.8652	.8661	.8671	.8681	.8691	.8700
176	.8616	.8626	.8635	.8645	.8655	.8664	.8674	.8684	.8694	.8703
177	.8620	.8630	.8639	.8649	.8658	.8668	.8678	.8687	.8697	.8706
178	.8624	.8634	.8643	.8653	.8662	.8672	.8682	.8691	.8701	.8710
179	.8627	.8637	.8646	.8656	.8665	.8675	.8685	.8694	.8704	.8713
180	.8631	.8641	.8650	.8660	.8669	.8679	.8689	.8698	.8708	.8717
181	.8634	.8644	.8653	.8663	.8672	.8682	.8692	.8701	.8711	.8720
182	.8638	.8648	.8657	.8667	.8676	.8686	.8696	.8705	.8715	.8724
183	.8641	.8651	.8660	.8670	.8679	.8689	.8699	.8708	.8718	.8727
184	.8645	.8655	.8664	.8674	.8683	.8693	.8703	.8712	.8722	.8731
185	.8648	.8658	.8667	.8677	.8686	.8696	.8706	.8715	.8725	.8734
186	.8652	.8662	.8671	.8681	.8690	.8700	.8710	.8719	.8729	.8738
187	.8655	.8665	.8674	.8684	.8693	.8703	.8713	.8722	.8732	.8741
188	.8659	.8669	.8678	.8688	.8697	.8707	.8717	.8726	.8736	.8745
189	.8662	.8672	.8681	.8691	.8700	.8710	.8720	.8729	.8739	.8748
190	.8666	.8676	.8685	.8695	.8704	.8714	.8724	.8733	.8743	.8752
191	.8669	.8679	.8688	.8698	.8707	.8717	.8727	.8736	.8746	.8755
192	.8672	.8682	.8691	.8701	.8710	.8720	.8730	.8739	.8749	.8758
193	.8675	.8685	.8694	.8704	.8713	.8723	.8733	.8742	.8752	.8761
194	.8679	.8689	.8698	.8708	.8717	.8727	.8737	.8746	.8756	.8765
195	.8683	.8693	.8702	.8712	.8721	.8731	.8740	.8750	.8759	.8769

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.8064	0.8074	0.8085	0.8095	0.8106	0.8116	0.8126	0.8137	0.8147	0.8158
1	.8068	.8078	.8089	.8099	.8110	.8120	.8130	.8141	.8151	.8162
2	.8073	.8083	.8094	.8104	.8115	.8125	.8135	.8146	.8156	.8167
3	.8077	.8087	.8098	.8108	.8119	.8129	.8139	.8150	.8160	.8171
4	.8082	.8092	.8103	.8113	.8124	.8134	.8144	.8155	.8165	.8176
5	.8087	.8097	.8108	.8118	.8128	.8139	.8149	.8159	.8169	.8180
6	.8091	.8101	.8112	.8122	.8132	.8143	.8153	.8163	.8173	.8184
7	.8095	.8105	.8116	.8126	.8136	.8147	.8157	.8167	.8177	.8188
8	.8099	.8109	.8120	.8130	.8140	.8151	.8161	.8171	.8181	.8192
9	.8103	.8113	.8124	.8134	.8144	.8155	.8165	.8175	.8185	.8196
10	.8107	.8117	.8128	.8138	.8148	.8159	.8169	.8179	.8189	.8200
11	.8111	.8121	.8132	.8142	.8152	.8163	.8173	.8183	.8193	.8204
12	.8115	.8125	.8136	.8146	.8156	.8167	.8177	.8187	.8197	.8208
13	.8119	.8129	.8140	.8150	.8160	.8171	.8181	.8191	.8201	.8212
14	.8123	.8133	.8143	.8154	.8164	.8174	.8184	.8194	.8205	.8215
15	.8127	.8137	.8147	.8158	.8168	.8178	.8188	.8198	.8209	.8219
16	.8131	.8141	.8151	.8162	.8172	.8182	.8192	.8202	.8213	.8223
17	.8135	.8145	.8155	.8166	.8176	.8186	.8196	.8206	.8217	.8227
18	.8138	.8148	.8158	.8169	.8179	.8189	.8199	.8209	.8220	.8230
19	.8142	.8152	.8162	.8173	.8183	.8193	.8203	.8213	.8224	.8234
20	.8146	.8156	.8166	.8177	.8187	.8197	.8207	.8217	.8228	.8238
21	.8150	.8160	.8170	.8181	.8191	.8201	.8211	.8221	.8232	.8242
22	.8154	.8164	.8174	.8185	.8195	.8205	.8215	.8225	.8236	.8246
23	.8158	.8168	.8178	.8189	.8199	.8209	.8219	.8229	.8240	.8250
24	.8162	.8172	.8182	.8193	.8203	.8213	.8223	.8233	.8244	.8254
25	.8166	.8176	.8186	.8197	.8207	.8217	.8227	.8237	.8248	.8258
26	.8170	.8180	.8190	.8201	.8211	.8221	.8231	.8241	.8252	.8262
27	.8174	.8184	.8194	.8205	.8215	.8225	.8235	.8245	.8256	.8266
28	.8178	.8188	.8198	.8209	.8219	.8229	.8239	.8249	.8260	.8270
29	.8182	.8192	.8202	.8213	.8223	.8233	.8243	.8253	.8264	.8274
30	.8186	.8196	.8206	.8217	.8227	.8237	.8247	.8257	.8268	.8278
31	.8189	.8199	.8209	.8220	.8230	.8240	.8250	.8260	.8271	.8281
32	.8193	.8203	.8213	.8224	.8234	.8244	.8254	.8264	.8275	.8285
33	.8197	.8207	.8217	.8228	.8238	.8248	.8258	.8268	.8279	.8289
34	.8200	.8210	.8220	.8231	.8241	.8251	.8261	.8271	.8282	.8292
35	.8204	.8214	.8224	.8235	.8245	.8255	.8265	.8275	.8286	.8296
36	.8208	.8218	.8228	.8239	.8249	.8259	.8269	.8279	.8290	.8300
37	.8212	.8222	.8232	.8243	.8253	.8263	.8273	.8283	.8294	.8304
38	.8216	.8226	.8236	.8246	.8256	.8267	.8277	.8287	.8297	.8307
39	.8220	.8230	.8240	.8250	.8260	.8271	.8281	.8291	.8301	.8311
40	.8224	.8234	.8244	.8254	.8264	.8275	.8285	.8295	.8305	.8315
41	.8228	.8238	.8248	.8258	.8268	.8279	.8289	.8299	.8309	.8319
42	.8231	.8241	.8251	.8262	.8272	.8282	.8292	.8302	.8313	.8323
43	.8235	.8245	.8255	.8265	.8275	.8286	.8296	.8306	.8316	.8326
44	.8238	.8248	.8258	.8269	.8279	.8289	.8299	.8309	.8320	.8330
45	.8242	.8252	.8262	.8272	.8282	.8293	.8303	.8313	.8323	.8333
46	.8246	.8256	.8266	.8276	.8286	.8297	.8307	.8317	.8327	.8337
47	.8250	.8260	.8270	.8280	.8290	.8301	.8311	.8321	.8331	.8341
48	.8254	.8264	.8274	.8284	.8294	.8305	.8315	.8325	.8335	.8345
49	.8258	.8268	.8278	.8288	.8298	.8309	.8319	.8329	.8339	.8349
50	.8262	.8272	.8282	.8292	.8302	.8313	.8323	.8333	.8343	.8353
51	.8265	.8275	.8285	.8295	.8305	.8316	.8326	.8336	.8346	.8356
52	.8269	.8279	.8289	.8299	.8309	.8320	.8330	.8340	.8350	.8360
53	.8273	.8283	.8293	.8303	.8313	.8324	.8334	.8344	.8354	.8364
54	.8277	.8287	.8297	.8307	.8317	.8327	.8337	.8347	.8357	.8367
55	.8281	.8291	.8301	.8311	.8321	.8331	.8341	.8351	.8361	.8371
56	.8285	.8295	.8305	.8315	.8325	.8335	.8345	.8355	.8365	.8375
57	.8288	.8298	.8308	.8318	.8328	.8339	.8349	.8359	.8369	.8379
58	.8292	.8302	.8312	.8322	.8332	.8343	.8353	.8363	.8373	.8383
59	.8296	.8306	.8316	.8326	.8336	.8346	.8356	.8366	.8376	.8386
60	.8300	.8310	.8320	.8330	.8340	.8350	.8360	.8370	.8380	.8390
61	.8304	.8314	.8324	.8334	.8344	.8354	.8364	.8374	.8384	.8394
62	.8307	.8317	.8327	.8337	.8347	.8357	.8367	.8377	.8387	.8397
63	.8310	.8320	.8330	.8340	.8350	.8360	.8370	.8380	.8390	.8400
64	.8314	.8324	.8334	.8344	.8354	.8364	.8374	.8384	.8394	.8404

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.8318	0.8328	0.8338	0.8348	0.8358	0.8368	0.8378	0.8388	0.8398	0.8408
66	.8322	.8332	.8342	.8352	.8362	.8372	.8382	.8392	.8402	.8412
67	.8326	.8336	.8346	.8356	.8366	.8376	.8386	.8396	.8406	.8416
68	.8330	.8340	.8350	.8360	.8370	.8380	.8390	.8400	.8410	.8420
69	.8333	.8343	.8353	.8363	.8373	.8383	.8393	8403	.8413	.8423
70	.8337	.8347	.8357	.8367	.8377	.8387	.8397	.8407	.8417	.8427
71	.8340	.8350	.8360	.8370	.8380	.8390	.8400	.8410	.8420	.8430
72	.8344	8354	.8364	.8374	.8384	8394	.8404	.8414	.8424	.8434
73	.8348	.8358	.8368	.8378	.8388	.8398	.8408	.8418	.8428	.8438
74	.8352	.8362	.8372	.8382	.8392	.8402	.8412	.8422	.8432	.8442
75	.8356	.8366	.8376	.8386	.8396	.8405	.8415	.8425	.8435	.8445
76	.8360	.8370	.8380	.8390	.8400	.8409	.8419	.8429	.8439	.8449
77	.8363	.8373	.8383	.8393	.8403	.8413	.8423	.8433	.8443	.8453
78	.8367	.8377	.8387	.8397	.8407	.8416	.8426	.8436	.8446	.8456
79	.8371	.8381	.8391	.8401	.8411	.8420	.8430	.8440	.8450	.8450
80	.8375	.8385	.8395	.8405	.8415	.8424	.8434	.8444	.8454	.8464
81	.8379	.8389	.8399	.8409	.8419	.8428	.8438	.8448	.8458	.8468
82	.8382	.8392	.8402	.8412	.8422	.8432	.8442	.8452	.8462	.8472
83	.8386	.8396	.8406	.8416	.8426	.8435	.8445	.8455	.8465	.8475
84	.8390	.8400	.8410	.8420	.8430	.8439	.8449	.8459	.8469	.8479
85	.8394	.8404	.8414	.8424	.8434	.8443	.8453	.8463	.8473	.8483
86	.8398	.8408	.8418	.8428	.8438	.8447	.8457	.8467	.8477	.8487
87	.8401	.8411	.8421	8431	.8441	.8450	.8460	.8470	.8480	.8490
88	.8404	.8414	.8424	.8434	.8444	.8453	.8463	.8473	.8483	.8493
89	.8408	.8418	.8428	.8438	.8448	.8457	.8467	.8477	.8487	.8497
90	.8411	.8421	.8431	.8441	.8451	.8460	.8470	.8480	.8490	.8500
91	.8415	.8425	.8435	.8445	.8455	.8464	.8474	.8484	.8494	.8504
92	.8419	.8429	.8439	.8449	.8459	.8468	.8478	.8488	.8498	.8508
93	.8422	.8432	.8442	.8452	.8462	.8471	.8481	.8491	.8501	.8511
94	.8425	.8435	.8445	.8455	.8465	.8474	.8484	.8494	.8504	.8514
95	.8429	.8439	.8449	.8459	.8469	.8478	.8488	.8498	.8508	.8518
96	.8432	.8442	.8452	.8462	.8472	.8481	.8491	.8501	.8511	.8521
97	.8436	.8446	.8456	.8466	.8476	.8485	.8495	.8505	.8515	.8525
98	.8439	.8449	.8459	.8469	.8479	.8488	.8498	.8508	.8518	.8528
99	.8442	.8452	.8462	.8472	.8482	.8491	.8501	.8511	.8521	.8531
100	.8446	.8456	.8466	.8476	.8486	.8495	.8505	.8515	.8525	[illegible]
101	.8450	.8460	.8470	.8480	.8490	.8499	.8509	.8519	.8529	[illegible]
102	.8454	.8464	.8474	.8484	.8494	.8503	.8513	.8523	.8533	[illegible]
103	.8458	.8468	.8478	.8488	.8498	.8507	.8517	.8527	.8537	.8547
104	.8462	.8472	.8482	.8492	.8502	.8511	.8521	.8531	.8541	.8551
105	.8466	.8476	.8486	.8495	.8505	.8515	.8525	.8535	.8544	.8554
106	.8469	.8479	.8489	.8498	.8508	.8518	.8528	.8538	.8547	.8557
107	.8472	.8482	.8492	.8502	.8512	.8521	.8531	.8541	.8551	.8561
108	.8476	.8486	.8496	.8505	.8515	.8525	.8535	.8545	.8554	.8564
109	.8480	.8490	.8500	.8509	.8519	.8529	.8539	.8549	.8558	.8568
110	.8483	.8493	.8503	.8512	.8522	.8532	.8542	.8552	.8561	.8571
111	.8487	.8497	.8507	.8516	.8526	.8536	.8546	.8556	.8565	.8575
112	.8491	.8501	.8511	.8520	.8530	.8540	.8550	.8560	.8569	.8579
113	.8495	.8505	.8515	.8524	.8534	.8544	.8554	.8564	.8573	.8583
114	.8498	.8508	.8518	.8527	.8537	.8547	.8557	.8567	.8576	.8586
115	.8502	.8512	.8522	.8531	.8541	.8551	.8561	.8571	.8580	.8590
116	.8505	.8515	.8525	.8534	.8544	.8554	.8564	.8574	.8583	.8593
117	.8509	.8519	.8529	.8538	.8548	.8558	.8568	.8578	.8587	.8597
118	.8513	.8523	.8532	.8542	.8552	.8561	.8571	.8581	.8591	.8600
119	.8516	.8526	.8536	.8545	.8555	.8565	.8575	.8585	.8594	.8604
120	.8519	.8529	.8539	.8548	.8558	.8568	.8578	.8588	.8597	.8607
121	.8523	.8533	.8543	.8552	.8562	.8572	.8582	.8592	.8601	.8611
122	.8527	.8537	.8547	.8556	.8566	.8576	.8586	.8596	.8605	.8615
123	.8530	.8540	.8550	.8559	.8569	.8579	.8589	.8599	.8608	.8618
124	.8533	8543	.8553	.8562	.8572	.8582	.8592	.8602	.8611	.8621
125	.8537	.8547	.8557	.8566	.8576	.8586	.8596	.8606	.8615	.8625
126	.8540	.8550	.8560	.8569	.8579	.8589	.8599	.8609	.8618	.8628
127	.8544	.8554	.8564	.8573	.8583	.8593	.8603	.8613	.8622	.8632
128	.8548	.8558	.8568	.8577	.8587	.8597	.8607	.8617	.8626	.8636
129	.8552	.8562	.8571	.8581	.8591	.8600	.8610	.8620	.8630	.8639

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.8555	0.8565	0.8575	0.8584	0.8594	0.8604	0.8614	0.8624	0.8633	0.8643
131	.8558	.8568	.8578	.8587	.8597	.8607	.8617	.8627	.8636	.8646
132	.8562	.8572	.8582	.8591	.8601	.8611	.8621	.8631	.8640	.8650
133	.8565	.8575	.8585	.8594	.8604	.8614	.8624	.8634	.8643	.8653
134	.8569	.8579	.8588	.8598	.8608	.8617	.8627	.8637	.8647	.8656
135	.8572	.8582	.8592	.8601	.8611	.8621	.8631	.8641	.8650	.8660
136	.8575	.8585	.8595	.8604	.8614	.8624	.8634	.8644	.8653	.8663
137	.8578	.8588	.8598	.8607	.8617	.8627	.8637	.8647	.8656	.8666
138	.8582	.8592	.8602	.8611	.8621	.8631	.8641	.8651	.8660	.8670
139	.8586	.8596	.8606	.8615	.8625	.8635	.8645	.8655	.8664	.8674
140	.8590	.8600	.8610	.8619	.8629	.8639	.8649	.8659	.8668	.8678
141	.8593	.8603	.8613	.8622	.8632	.8642	.8652	.8662	.8671	.8681
142	.8597	.8607	.8616	.8626	.8636	.8645	.8655	.8665	.8675	.8684
143	.8600	.8610	8620	.8629	.8639	.8649	.8659	.8669	.8678	.8688
144	.8603	.8613	.8623	.8632	.8642	.8652	.8662	.8672	.8681	.8691
145	.8607	.8617	.8626	.8636	.8646	.8655	.8665	.8675	.8684	.8694
146	.8610	.8620	.8629	.8639	.8649	.8658	.8668	.8678	.8688	.8697
147	.8614	.8624	.8633	.8643	.8653	.8662	.8672	.8682	.8692	.8701
148	.8617	.8627	.8636	.8646	.8656	.8665	.8675	.8685	.8695	.8704
149	.8620	.8630	.8639	.8649	.8659	.8668	.8678	.8688	.8698	.8707
150	.8623	.8633	.8642	.8652	.8662	.8671	.8681	.8691	.8701	.8710
151	.8627	.8637	.8646	.8656	.8666	.8675	.8685	.8695	.8705	.8714
152	.8630	.8640	.8649	.8659	.8669	.8678	.8688	.8698	.8708	.8717
153	.8634	.8644	.8653	.8663	.8673	.8682	.8692	.8702	.8712	.8721
154	.8638	.8648	.8657	.8667	.8677	.8686	.8696	.8706	.8716	.8725
155	.8641	.8651	.8660	.8670	.8680	.8689	.8699	.8709	.8719	.8728
156	.8645	.8655	.8664	.8674	.8684	.8693	.8703	.8713	.8723	.8732
157	.8648	.8658	.8667	.8677	.8687	.8696	.8706	.8716	.8726	.8735
158	.8652	.8662	.8671	.8681	.8691	.8700	.8710	.8720	.8730	.8739
159	.8655	.8665	.8674	.8684	.8694	.8703	.8713	.8723	.8733	.8742
160	.8659	.8669	.8678	.8688	.8698	.8707	.8717	.8727	.8737	.8746
161	.8662	.8672	.8681	.8691	.8701	.8710	.8720	.8730	.8740	.8749
162	.8665	.8675	.8684	.8694	.8704	.8713	.8723	.8733	.8743	.8752
163	.8669	.8679	.8688	.8698	.8708	.8717	.8727	.8737	.8747	.8756
164	.8672	.8582	.8691	.8701	.8711	.8720	.8730	.8740	.8750	.8759
165	.8676	.8686	.8695	.8705	.8715	.8724	.8734	.8744	.8754	.8763
166	.8679	.8689	.8698	.8708	.8718	.8727	.8737	.8747	.8757	.8766
167	.8683	.8693	.8702	.8712	.8722	.8731	.8741	.8751	.8761	.8770
168	.8686	.8696	.8705	.8715	.8725	.8734	.8744	.8754	.8764	.8773
169	.8690	.8700	.8709	.8719	.8729	.8738	.8748	.8758	.8768	.8777
170	.8693	.8703	.8712	.8722	.8732	.8741	.8751	.8761	.8771	.8780
171	.8696	.8706	.8715	.8725	.8735	.8744	.8754	.8764	.8774	.8783
172	.8699	.8709	.8718	.8728	.8738	.8747	.8757	.8767	.8777	.8786
173	.8703	.8713	.8722	.8732	.8742	.8751	.8761	.8771	.8781	.8790
174	.8707	.8717	.8726	.8736	.8746	.8755	.8765	.8775	.8785	.8794
175	.8710	.8720	.8729	.8739	.8749	.8758	.8768	.8778	.8788	.8797
176	.8713	.8723	.8733	.8742	.8752	.8762	.8772	.8782	.8791	.8801
177	.8716	.8726	.8736	.8745	.8755	.8765	.8775	.8785	.8794	.8804
178	.8720	.8730	.8739	.8749	.8759	.8768	.8778	.8788	.8798	.8807
179	.8723	.8733	.8742	.8752	.8762	.8771	.8781	.8791	.8801	.8810
180	.8727	.8737	.8746	.8756	.8766	.8775	.8785	.8795	.8805	.8814
181	.8730	.8740	.8749	.8759	8769	.8778	.8788	.8798	.8808	.8817
182	.8734	.8744	.8753	.8763	.8773	.8782	.8792	.8802	.8812	.8821
183	.8737	.8747	.8756	.8766	.8776	.8785	.8795	.8805	.8815	.8824
184	.8741	.8751	.8760	.8770	.8780	.8789	.8799	.8809	.8819	.8828
185	.8744	.8754	.8763	.8773	.8783	.8792	.8802	.8812	.8822	.8831
186	.8748	.8758	.8767	.8777	.8787	.8796	.8806	.8816	.8826	.8835
187	.8751	.8761	.8770	.8780	.8790	.8799	.8809	.8819	.8829	.8838
188	.8755	.8765	.8774	.8784	.8794	.8803	.8813	.8823	.8833	.8842
189	.8758	.8768	.8777	.8787	.8797	.8806	.8816	.8826	.8836	.8845
190	.8762	.8772	.8781	.8791	.8800	.8810	.8820	.8829	.8839	.8848
191	.8765	.8775	.8784	.8794	.8804	.8813	.8823	.8833	.8843	.8852
192	.8768	.8778	.8787	.8797	.8807	.8816	.8826	.8836	.8846	.8855
193	.8771	.8781	.8790	.8800	.8810	.8819	.8829	.8839	.8849	.8858
194	.8775	.8785	.8794	.8804	.8813	.8823	.8833	.8842	.8852	.8861
195	.8778	.8788	.8797	.8807	.8816	.8826	.8836	.8845	.8855	.8864

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.8168	0.8178	0.8189	0.8199	0.8209	0.8220	0.8230	0.8240	0.8250	0.8261
1	.8172	.8182	.8193	.8203	.8213	.8224	.8234	.8244	.8254	.8265
2	.8177	.8187	.8198	.8208	.8218	.8229	.8239	.8249	.8259	.8270
3	.8181	.8191	.8202	.8212	.8222	.8233	.8243	.8253	.8263	.8274
4	.8186	.8196	.8207	.8217	.8227	.8238	.8248	.8258	.8268	.8279
5	.8190	.8200	.8211	.8221	.8231	.8242	.8252	.8262	.8272	.8283
6	.8194	.8204	.8215	.8225	.8235	.8246	.8256	.8266	.8276	.8287
7	.8198	.8208	.8219	.8229	8239	8250	.8260	.8270	.8280	.8291
8	.8202	.8212	.8223	.8233	.8243	8254	.8264	.8274	.8284	.8295
9	.8206	.8216	.8226	.8237	.8247	.8257	.8267	.8277	.8288	.8298
10	.8210	.8220	.8230	.8241	.8251	.8261	.8271	.8281	.8292	.8302
11	.8214	.8224	.8234	.8245	.8255	.8265	.8275	.8285	.8296	.8306
12	.8218	.8228	.8238	.8249	.8259	.8269	.8279	.8289	.8300	.8310
13	.8222	.8232	.8242	.8253	.8263	.8273	.8283	.8293	.8304	.8314
14	.8225	.8235	.8245	.8256	.8266	.8276	.8286	.8296	.8307	.8317
15	.8229	.8239	.8249	.8260	.8270	.8280	.8290	.8300	.8311	.8321
16	.8233	.8243	.8253	.8264	.8274	8284	8294	.8304	.8315	.8325
17	.8237	.8247	.8257	.8268	.8278	.8288	.8298	.8308	.8319	.8329
18	.8240	.8250	.8260	.8271	.8281	.8291	.8301	.8311	.8322	.8332
19	.8244	.8254	.8264	.8275	.8285	.8295	.8305	.8315	.8326	.8336
20	.8248	.8258	.8268	.8279	.8289	.8299	.8309	.8319	.8330	.8340
21	.8252	.8262	.8272	.8283	.8293	.8303	.8313	.8323	.8334	.8344
22	.8256	.8266	.8276	.8287	.8297	.8307	.8317	.8327	.8338	.8348
23	.8260	.8270	.8280	.8291	.8301	.8311	.8321	.8331	.8342	.8352
24	.8264	.8274	.8284	.8294	.8304	.8315	.8325	.8335	.8345	.8355
25	.8268	.8278	.8288	.8298	.8308	.8319	.8329	.8339	.8349	.8359
26	.8272	.8282	.8292	.8302	.8312	.8323	.8333	.8343	.8353	.8363
27	.8276	.8286	.8296	.8306	.8316	.8327	.8337	.8347	.8357	.8367
28	.8280	.8290	.8300	.8310	.8320	.8331	.8341	.8351	.8361	.8371
29	.8284	.8294	.8304	.8314	.8324	.8335	.8345	.8355	.8365	.8375
30	.8288	.8298	.8308	.8318	.8328	.8339	.8349	.8359	.8369	.8379
31	.8291	.8301	.8311	.8321	.8331	.8342	.8352	.8362	.8372	.8382
32	.8295	.8305	.8315	.8325	.8335	.8346	.8356	.8366	.8376	.8386
33	.8299	.8309	.8319	.8329	.8339	.8350	.8360	.8370	.8380	.8390
34	.8302	.8312	.8322	.8332	.8342	.8353	.8363	.8373	.8383	.8393
35	.8306	.8316	.8326	.8336	.8346	.8357	.8367	.8377	.8387	.8397
36	.8310	.8320	.8330	.8340	.8350	.8361	.8371	.8381	.8391	.8401
37	.8314	.8324	.8334	.8344	.8354	.8365	.8375	.8385	.8395	.8405
38	.8317	.8327	.8337	.8347	.8357	.8368	.8378	.8388	.8398	.8408
39	.8321	.8331	.8341	.8351	.8361	.8372	.8382	.8392	.8402	.8412
40	.8325	.8335	.8345	.8355	.8365	.8376	.8386	.8396	.8406	.8416
41	.8329	.8339	.8349	.8359	.8369	.8380	.8390	.8400	.8410	.8420
42	.8333	.8343	.8353	.8363	.8373	.8384	.8394	.8404	.8414	.8424
43	.8336	.8346	.8356	.8366	.8376	.8387	.8397	.8407	.8417	.8427
44	.8340	.8350	.8360	.8370	.8380	.8391	.8401	.8411	.8421	.8431
45	.8343	.8353	.8363	.8373	.8383	.8394	.8404	.8414	.8424	.8434
46	.8347	.8357	.8367	.8377	.8387	.8398	.8408	.8418	.8428	.8438
47	.8351	.8361	.8371	.8381	.8391	.8402	.8412	.8422	.8432	.8442
48	.8355	.8365	.8375	.8385	.8395	.8405	.8415	.8425	.8435	.8445
49	.8359	.8369	.8379	.8389	.8399	.8409	.8419	.8429	.8439	.8449
50	.8363	.8373	.8383	8393	8403	.8413	.8423	.8433	.8443	.8453
51	.8366	.8376	.8386	.8396	.8406	.8416	.8426	.8436	.8446	.8456
52	.8370	.8380	.8390	.8400	.8410	.8420	.8430	.8440	.8450	.8460
53	.8374	.8384	.8394	.8404	.8414	.8424	.8434	.8444	.8454	.8464
54	.8377	.8387	.8397	.8407	.8417	.8428	.8438	.8448	.8458	.8468
55	.8381	.8391	.8401	.8411	.8421	.8431	.8441	.8451	.8461	.8471
56	.8385	.8395	.8405	.8415	.8425	.8435	8445	.8455	.8465	.8475
57	.8389	.8399	.8409	.8419	.8429	.8439	.8449	.8459	.8469	.8479
58	.8393	.8403	.8413	.8423	.8433	.8443	.8453	.8463	.8473	.8483
59	.8396	.8406	.8416	.8426	.8436	.8446	.8456	.8466	.8476	.8486
60	.8400	.8410	.8420	.8430	.8440	.8450	.8460	.8470	.8480	.8490
61	.8404	.8414	.8424	.8434	.8444	.8454	.8464	.8474	.8484	.8494
62	.8407	.8417	.8427	.8437	.8447	.8457	.8467	.8477	.8487	.8497
63	.8410	.8420	.8430	.8440	.8450	.8460	.8470	.8480	.8490	.8500
64	.8414	.8424	.8434	.8444	.8454	.8464	.8474	.8484	.8494	.8504

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
65	0.8418	0.8428	0.8438	0.8448	0.8458	0.8468	0.8478	0.8488	0.8498	0.8508
66	.8422	.8432	.8442	.8452	.8462	.8472	.8482	.8492	.8502	.8512
67	.8426	.8436	.8446	.8456	.8466	.8475	.8485	.8495	.8505	.8515
68	.8430	.8440	.8450	.8460	.8470	.8479	.8489	.8499	.8509	.8519
69	.8433	.8443	.8453	.8463	.8473	.8483	.8493	.8503	.8513	.8523
70	.8437	.8447	.8457	.8467	.8477	.8487	.8497	.8507	.8517	.8527
71	.8440	.8450	.8460	.8470	.8480	.8490	.8500	.8510	.8520	.8530
72	.8444	.8454	.8464	.8474	.8484	.8494	.8504	.8514	.8524	.8534
73	.8448	.8458	.8468	.8478	.8488	.8498	.8508	.8518	.8528	.8538
74	.8452	.8462	.8472	.8482	.8492	.8502	.8512	.8522	.8532	.8542
75	.8455	.8465	.8475	.8485	.8495	.8505	.8515	.8525	.8535	.8545
76	.8459	.8469	.8479	.8489	.8499	.8509	.8519	.8529	.8539	.8549
77	.8463	.8473	.8483	.8493	.8503	.8512	.8522	.8532	.8542	.8552
78	.8466	.8476	.8486	.8496	.8506	.8516	.8526	.8536	.8546	.8556
79	.8470	.8480	.8490	.8500	.8510	.8520	.8530	.8540	.8550	8560
80	.8474	.8484	.8494	.8504	.8514	.8523	.8533	.8543	.8553	.8563
81	.8478	.8488	.8498	.8508	.8518	.8527	.8537	.8547	.8557	.8567
82	.8482	.8492	.8502	.8512	.8522	.8531	.8541	.8551	.8561	.8571
83	.8485	.8495	.8505	.8515	.8525	.8534	.8544	.8554	.8564	.8574
84	.8489	.8499	.8509	.8519	.8529	.8538	.8548	.8558	.8568	.8578
85	.8493	.8503	.8513	.8523	.8533	.8542	.855[illegible]	.8562	.8572	.8582
86	.8497	.8507	.8517	.8527	.8537	.8546	.8556	.8566	.8576	.8586
87	.8500	.8510	.8520	.8530	.8540	.8549	.8559	.8569	.8579	.8589
88	.8503	.8513	.8523	.8533	.8543	.8553	.8563	.8573	.8583	.8593
89	.8507	.8517	.8527	8537	.8547	.8556	.8566	.8576	.8586	.8596
90	.8510	.8520	.8530	.8540	.8550	.8560	.8570	.8580	.8590	.8600
91	.8514	.8524	.8534	.8544	.8554	.8564	.8574	.8584	.8594	.8604
92	.8518	.8528	.8538	.8548	.8558	.8567	.8577	.8587	.8597	.8607
93	.8521	.8531	.8541	.8551	.8561	.8570	.8580	.8590	.8600	.8610
94	.8524	.8534	.8544	.8554	.8564	.8574	.8584	.8594	.8604	.8614
95	.8528	.8538	.8548	.8558	.8568	.8577	.8587	.8597	.8607	.8617
96	.8531	.8541	.8551	.8561	.8571	.8580	.8590	.8600	.8610	.8620
97	.8535	.8545	.8555	.8565	.8575	.8584	.8594	.8604	.8614	.8624
98	.8533	.8548	.8558	.8568	.8578	.8587	.8597	.8607	.8617	.8627
99	.8541	.8551	.8561	.8571	.8581	.8590	.8600	.8610	.8620	.8630
100	.8545	.8555	.8565	.8575	.8585	.8594	.8604	.8614	.8624	.8634
101	.8549	.8559	.8569	.8579	.8589	.8598	.8608	.8618	.8628	.8638
102	.8553	.8563	.8573	.8583	.8593	.8602	.8612	.8622	.8632	.8642
103	.8557	.8567	.8577	.8587	.8597	.8606	.8616	.8626	.8636	.8646
104	.8561	.8571	.8581	.8590	.8600	.8610	.8620	.8630	.8639	.8649
105	.8564	.8574	.8584	.8594	.8604	.8613	.8623	.8633	.8643	.8653
106	.8567	.8577	.8587	.8597	.8607	.8616	.8626	.8636	.8646	.8656
107	.8571	.8581	.8591	.8601	.8611	.8620	.8630	.8640	.8650	.8660
108	.8574	.8584	.8594	.8604	.8614	.8623	.8633	.8643	.8653	.8663
109	.8578	.8588	.8598	.8608	.8618	.8627	.8637	.8647	.8657	.8667
110	.8581	.8591	.8601	.8611	.8621	.8630	.8640	.8650	.8660	.8670
111	.8585	.8595	.8605	.8615	.8625	.8634	.8644	.8654	.8664	.8674
112	.8589	.8599	.8609	.8618	.8628	.8638	.8648	.8658	.8667	.8677
113	.8593	.8603	.8613	.8622	.8632	.8642	.8652	.8662	.8671	.8681
114	.8596	.8606	.8616	.8625	.8635	.8645	.8655	.8665	.8674	.8684
115	.8600	.8610	.8620	.8629	.8639	.8649	.8659	.8669	.8678	.8688
116	.8603	.8613	.8623	.8632	.8642	.8652	.8662	.8672	.8681	.8691
117	.8607	.8617	.8627	.8636	.8646	.8656	.8666	.8676	.8685	.8695
118	.8610	.8620	.8630	.8639	.8649	.8659	.8669	.8679	.8688	.8698
119	.8614	.8624	.8634	.8643	.8653	.8663	.8673	.8683	.8692	.8702
120	.8617	.8627	.8637	.8646	.8656	.8666	.8676	.8686	.8695	.8705
121	.8621	.8631	.8641	.8650	.8660	.8670	.8680	.8690	.8699	.8709
122	.8625	.8635	.8645	.8654	.8664	.8674	.8684	.8694	.8703	.8713
123	.8628	.8638	.8648	.8657	.8667	.8677	.8687	.8697	.8706	.8716
124	.8631	.8641	.8651	.8660	.8670	.8680	.8690	.8700	.8709	.8719
125	.8635	.8645	.8655	.8664	.8674	.8684	.8694	.8704	.8713	.8723
126	.8638	.8648	.8658	.8667	.8677	.8687	.8697	.8707	.8716	.8726
127	.8642	.8652	.8662	.8671	.8681	.8691	.8701	.8711	.8720	.8730
128	.8646	.8656	.8666	.8675	.8685	.8695	.8705	.8715	.8724	.8734
129	.8649	.8659	.8669	.8678	.8688	.8698	.8708	.8718	.8727	.8737

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.8653	0.8663	0.8672	0.8682	0.8692	0.8701	0.8711	.8721	0.8731	0.8740
131	.8656	.8666	.8676	.8685	.8695	.8705	.8715	.8725	.8734	.8744
132	.8660	.8670	.8679	.8689	.8699	.8708	.8718	.8728	.8738	.8747
133	.8663	.8673	.8682	.8692	.8702	.8711	.8721	.8731	.8741	.8750
134	.8666	.8676	.8685	.8695	.8705	.8714	.8724	.8734	.8744	.8753
135	.8670	.8680	.8689	.8699	.8709	.8718	.8728	.8738	.8748	.8757
136	.8673	.8683	.8693	.8702	.8712	.8722	.8732	.8742	.8751	.8761
137	.8676	.8686	.8696	.8705	.8715	.8725	.8735	.8745	.8754	.8764
138	.8680	.8690	.8700	.8709	.8719	.8729	.8739	.8749	.8758	.8768
139	.8684	.8694	.8704	.8713	.8723	.8733	.8743	.8753	.8762	.8772
140	.8688	.8698	.8708	.8717	.8727	.8737	.8747	.8757	.8766	.8776
141	.8691	.8701	.8711	.8720	.8730	.8740	.8750	.8760	.8769	.8779
142	.8694	.8704	.8714	.8723	.8733	.8743	.8753	.8763	.8772	.8782
143	.8698	.8708	.8718	.8727	.8737	.8747	.8757	.8767	.8776	.8786
144	.8701	.8711	.8721	.8730	.8740	.8750	.8760	.8770	.8779	.8789
145	.8704	.8714	.8724	.8733	.8743	.8753	.8763	.8773	.8782	.8792
146	.8707	.8717	.8727	.8736	.8746	.8756	.8766	.8776	.8785	.8795
147	.8711	.8721	.8730	.8740	.8750	.8759	.8769	.8779	.8788	.8798
148	.8714	.8724	.8733	.8743	.8753	.8762	.8772	.8782	.8792	.8801
149	.8717	.8727	.8737	.8746	.8756	.8766	.8776	.8786	.8795	.8805
150	.8720	.8730	.8740	.8749	.8759	.8769	.8779	.8789	.8798	.8808
151	8724	8734	.8744	.8753	.8763	.8773	.8783	.8793	.8802	.8812
152	.8727	.8737	.8747	.8756	.8766	.8776	.8786	.8796	.8805	.8815
153	.8731	.8741	.8750	.8760	.8770	.8779	.8789	.8799	.8808	.8818
154	.8735	.8745	.8754	.8764	.8774	.8783	.8793	.8803	.8813	.8822
155	.8738	.8748	.8757	.8767	.8777	.8786	.8796	.8806	.8816	.8825
156	.8742	.8752	.8761	.8771	.8781	.8790	.8800	.8810	.8820	.8829
157	.8745	.8755	.8765	.8774	.8784	.8794	.8804	.8814	.8823	.8833
158	.8749	.8759	.8768	.8778	.8788	.8797	.8807	.8817	.8827	.8836
159	.8752	8762	.8772	.8781	.8791	.8801	.8811	.8821	.8830	.8840
160	.8756	.8766	.8775	.8785	.8795	.8804	.8814	.8824	.8834	.8843
161	.8759	.8769	.8778	.8788	.8798	.8807	.8817	.8827	.8837	.8846
162	.8762	.8772	.8781	.8791	.8801	.8810	.8820	.8830	.8840	.8849
163	.8766	.8776	.8785	.8795	.8805	.8814	.8824	.8834	.8844	.8853
164	.8769	.8779	.8789	.8798	.8808	.8818	.8828	.8838	.8847	.8857
165	.8773	.8783	.8793	.8802	.8812	.8822	.8832	.8842	.8851	.8861
166	.8776	.8786	.8796	.8805	.8815	.8825	.8835	.8845	.8854	.8864
167	.8780	.8790	.8800	.8809	.8819	.8829	.8839	.8849	.8858	.8868
168	.8783	.8793	.8803	.8812	.8822	.8832	.8842	.8852	.8861	.8871
169	.8787	.8797	.8806	.8816	.8826	.8835	.8845	.8855	.8865	.8874
170	.8790	.8800	.8809	.8819	.8829	.8838	.8848	.8858	.8868	.8877
171	.8793	.8803	.8812	.8822	.8832	.8841	.8851	.8861	.8871	.8880
172	.8796	.8806	.8815	.8825	.8835	.8844	.8854	.8864	.8874	.8883
173	.8800	.8810	.8819	.8829	.8839	.8848	.8858	.8868	.8878	.8887
174	.8804	.8814	.8823	.8833	.8843	.8852	.8862	.8872	.8882	.8891
175	.8807	.8817	.8827	.8836	.8846	.8856	.8866	.8876	.8885	.8895
176	.8811	.8821	.8830	.8840	.8850	.8859	.8869	.8879	.8889	.8898
177	.8814	.8824	.8834	.8843	.8853	.8863	.8873	.8883	.8892	.8902
178	.8817	.8827	.8837	.8846	.8856	.8866	.8876	.8886	.8895	.8905
179	.8820	.8830	.8840	.8849	.8859	.8869	.8879	.8889	.8898	.8908
180	.8824	.8834	.8843	.8853	.8863	.8872	.8882	.8892	.8902	.8911
181	.8827	.8837	.8847	.8856	.8866	.8876	.8886	.8896	.8905	.8915
182	.8831	.8841	.8850	.8860	.8870	.8879	.8889	.8899	.8909	.8918
183	.8834	.8844	.8853	.8863	.8873	.8882	.8892	.8902	.8912	.8921
184	.8838	.8848	.8857	.8867	.8877	.8886	.8896	.8906	.8916	.8925
185	.8841	.8851	.8860	.8870	.8880	.8889	.8899	.8909	.8919	.8928
186	.8845	.8855	.8864	.8874	.8884	.8893	.8903	.8913	.8923	.8932
187	.8848	.8858	.8867	.8877	.8887	.8896	.8906	.8916	.8926	.8935
188	.8852	.8862	.8871	.8881	.8891	.8900	.8910	.8920	.8930	.8939
189	.8855	.8865	.8874	.8884	.8894	.8903	.8913	.8923	.8933	.8942
190	.8858	.8868	.8877	.8887	.8897	.8906	.8916	.8926	.8936	.8945
191	.8862	.8872	.8881	.8891	.8901	.8910	.8920	.8930	.8940	.8949
192	.8865	.8875	.8884	.8894	.8904	.8913	.8923	.8933	.8943	.8952
193	.8868	.8878	.8887	.8897	.8907	.8916	.8926	.8936	.8946	.8955
194	.8871	.8881	.8890	.8900	.8910	.8919	.8929	.8939	.8949	.8958
195	.8874	.8884	.8893	.8903	.8913	.8922	.8932	.8942	.8952	.8961

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.8271	0.8281	0.8292	0.8302	0.8313	0.8323	0.8333	0.8343	0.8354	0.8364
1	.8275	.8285	.8296	.8306	.8316	.8327	.8337	.8347	.8357	.8368
2	.8280	.8290	.8301	.8311	.8321	.8332	.8342	.8352	.8362	.8373
3	.8284	.8294	.8305	.8315	.8325	.8336	.8346	.8356	.8366	.8377
4	.8289	.8299	.8309	.8320	.8330	.8340	.8350	.8360	.8371	.8381
5	.8293	.8303	.8313	.8324	.8334	.8344	.8354	.8364	.8375	.8385
6	.8297	.8307	.8317	.8328	.8338	.8348	.8358	.8368	.8379	.8389
7	.8301	.8311	.8321	.8332	.8342	.8352	.8362	.8372	8383	.8393
8	.8305	.8315	.8325	.8336	.8346	.8356	.8366	.8376	.8387	.8397
9	.8308	.8318	.8328	.8339	.8349	.8359	.8369	.8379	.8390	.8400
10	.8312	.8322	.8332	.8343	.8353	.8363	.8373	.8383	.8394	.8404
11	.8316	.8326	.8336	.8347	.8357	.8367	.8377	.8387	.8398	.8408
12	.8320	.8330	.8340	.8351	.8361	.8371	.8381	.8391	.8402	.8412
13	.8324	.8334	.8344	.8355	.8365	.8375	.8385	.8395	.8406	.8416
14	.8327	.8337	.8347	.8358	.8368	.8378	8388	.8398	.8409	.8419
15	.8331	.8341	.8351	.8362	.8372	.8382	.8392	.8402	.8413	.8423
16	.8335	.8345	.8355	.8366	.8376	.8386	.8396	.8406	.8417	.8427
17	.8339	.8349	.8359	.8370	.8380	.8390	.8400	.8410	.8421	.8431
18	.8342	.8352	.8362	.8373	.8383	.8393	.8403	.8413	.8424	.8434
19	.8346	.8356	.8366	.8377	.8387	.8397	.8407	.8417	.8428	.8438
20	.8350	.8360	.8370	.8381	.8391	.8401	.8411	.8421	.8432	.8442
21	.8354	.8364	.8374	.8385	.8395	.8405	.8415	.8425	.8436	.8446
22	.8358	.8368	.8378	.8389	.8399	.8409	.8419	.8429	.8440	.8450
23	.8362	.8372	.8382	8392	.8402	.8413	.8423	.8433	.8443	.8453
24	.8365	.8375	.8385	.8396	8406	.8416	.8426	.8436	.8447	.8457
25	.8369	.8379	.8389	.8400	.8410	.8420	.8430	.8440	.8451	.8461
26	.8373	.8383	.8393	.8404	.8414	.8424	.8434	.8444	.8455	.8465
27	.8377	.8387	.8397	.8408	.8418	.8428	.8438	.8448	.8459	.8469
28	.8381	.8391	.8401	.8411	.8421	.8432	.8442	.8452	.8462	.8472
29	.8385	.8395	.8405	.8415	.8425	.8436	.8446	.8456	.8466	.8476
30	.8389	.8399	.8409	.8419	.8429	.8440	.8450	.8460	.8470	.8480
31	.8392	.8402	.8412	.8423	.8433	.8443	.8453	.8463	.8474	.8484
32	.8396	.8406	.8416	.8426	.8436	.8447	.8457	.8467	.8477	.8487
33	.8400	.8410	.8420	.8430	.8440	.8451	.8461	.8471	.8481	.8491
34	.8403	.8413	.8423	.8433	.8443	.8454	.8464	.8474	.8484	.8494
35	.8407	.8417	.8427	.8437	.8447	.8458	.8468	.8478	.8488	.8498
36	.8411	.8421	.8431	.8441	.8451	.8462	.8472	.8482	.8492	.8502
37	.8415	.8425	.8435	.8445	.8455	.8466	.8476	.8486	.8496	.8506
38	.8418	.8428	.8438	.8448	.8458	.8469	.8479	.8489	.8499	.8509
39	.8422	.8432	.8442	.8452	.8462	.8473	.8483	.8493	.8503	.8513
40	.8426	.8436	.8446	.8456	.8466	.8477	.8487	.8497	.8507	.8517
41	.8430	.8440	.8450	.8460	.8470	.8480	.8490	.8500	.8510	.8520
42	.8434	.8444	.8454	.8464	.8474	.8484	.8494	.8504	.8514	.8524
43	.8437	.8447	.8457	.8467	.8477	.8488	.8498	.8508	.8518	.8528
44	.8441	.8451	.8461	8471	.8481	8491	.8501	.8511	.8521	.8531
45	.8444	.8454	.8464	.8474	.8484	.8495	8505	.8515	.8525	.8535
46	.8448	.8458	.8468	.8478	.8488	.8499	.8509	.8519	.8529	.8539
47	.8452	.8462	.8472	8482	.8492	.8502	.8512	.8522	.8532	.8542
48	.8455	.8465	.8475	.8485	.8495	.8506	.8516	.8526	.8536	.8546
49	.8459	.8469	.8479	.8489	.8499	.8509	.8519	.8529	.8539	.8549
50	.8463	.8473	.8483	.8493	.8503	.8513	.8523	.8533	.8543	.8553
51	.8466	.8476	.8486	.8496	.8506	.8516	.8526	.8536	.8546	.8556
52	.8470	.8480	.8490	.8500	.8510	.8520	.8530	.8540	.8550	.8560
53	.8474	.8484	.8494	.8504	.8514	.8524	.8534	.8544	.8554	.8564
54	.8478	.8488	.8498	.8508	.8518	.8528	.8538	.8548	.8558	.8568
55	.8481	.8491	.8501	.8511	.8521	.8531	.8541	.8551	.8561	.8571
56	.8485	.8495	.8505	.8515	.8525	.8535	.8545	.8555	.8565	.8575
57	.8489	.8499	.8509	.8519	.8529	8539	.8549	.8559	.8569	.8579
58	.8493	.8503	.8513	.8523	.8533	.8543	.8553	.8563	.8573	.8583
59	.8496	.8506	.8516	.8526	.8536	.8546	.8556	.8566	.8576	.8586
60	.8500	.8510	.8520	.8530	.8540	.8550	.8560	.8570	.8580	.8590
61	.8504	.8514	.8524	.8534	.8544	.8554	.8564	.8574	.8584	.8594
62	.8507	.8517	.8527	.8537	.8547	.8557	.8567	.8577	.8587	.8597
63	.8510	.8520	.8530	.8540	.8550	.8560	.8570	.8580	.8590	.8600
64	.8514	.8524	.8534	.8544	.8554	.8564	.8574	.8584	.8594	.8604

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.8518	0.8528	0.8538	0.8548	0.8558	0.8568	0.8578	0.8588	0.8598	0.8608
66	.8522	.8532	.8542	.8552	.8562	.8572	.8582	.8592	.8602	.8612
67	.8525	.8535	.8545	.8555	.8565	.8575	.8585	.8595	.8605	.8615
68	.8529	.8539	.8549	.8559	.8569	.8579	.8589	.8599	.8609	.8619
69	.8533	.8543	.8553	.8563	.8573	.8583	.8593	.8603	.8613	.8623
70	.8537	.8547	.8557	.8567	.8577	.8587	.8597	.8607	.8617	.8627
71	.8540	.8550	.8560	.8570	.8580	.8590	.8600	.8610	.8620	.8630
72	.8544	.8554	.8564	.8574	.8584	.8594	.8604	.8614	.8624	.8634
73	.8548	.8558	.8568	.8578	.8588	.8598	.8608	.8618	.8628	.8638
74	.8552	.8562	.8572	.8582	.8592	.8602	.8612	.8622	.8632	.8642
75	.8555	.8565	.8575	.8585	.8595	.8605	.8615	.8625	.8635	.8645
76	.8559	.8569	.8579	.8589	.8599	.8609	.8619	.8629	.8639	.8649
77	.8562	.8572	.8582	.8592	.8602	.8612	.8622	.8632	.8642	.8652
78	.8566	.8576	.8586	.8596	.8606	.8616	.8626	.8636	.8646	.8656
79	.8570	.8580	.8590	.8600	.8610	.8620	.8630	.8640	.8650	.8660
80	.8573	.8583	.8593	.8603	.8613	.8623	.8633	.8643	.8653	.8663
81	.8577	.8587	.8597	.8607	.8617	.8627	.8637	.8647	.8657	.8667
82	.8581	.8591	.8601	.8611	.8621	.8630	.8640	.8650	.8660	.8670
83	.8584	.8594	.8604	.8614	.8624	.8634	.8644	.8654	.8664	.8674
84	.8588	.8598	.8608	.8618	.8628	.8638	.8648	.8658	.8668	.8678
85	.8592	.8602	.8612	.8622	.8632	.8641	.8651	.8661	.8671	.8681
86	.8596	.8606	.8616	.8626	.8636	.8645	.8655	.8665	.8675	.8685
87	.8599	.8609	.8619	.8629	.8639	.8648	.8658	.8668	.8678	.8688
88	.8603	.8613	.8623	.8633	.8643	.8652	.8662	.8672	.8682	.8692
89	.8606	.8616	.8626	.8636	.8646	.8655	.8665	.8675	.8685	.8695
90	.8610	.8620	.8630	.8640	.8650	.8659	.8669	.8679	.8689	.8699
91	.8614	.8624	.8634	.8644	.8654	.8663	.8673	.8683	.8693	.8703
92	.8617	.8627	.8637	.8647	.8657	.8666	.8676	.8686	.8696	.8706
93	.8620	.8630	.8640	.8650	.8660	.8669	.8679	.8689	.8699	.8709
94	.8624	.8634	.8644	.8654	.8664	.8673	.8683	.8693	.8703	.8713
95	.8627	.8637	.8647	.8657	.8667	.8676	.8686	.8696	.8706	.8716
96	.8630	.8640	.8650	.8660	.8670	.8680	.8690	.8700	.8710	.8720
97	.8634	.8644	.8654	.8664	.8674	.8683	.8693	.8703	.8713	.8723
98	.8637	.8647	.8657	.8667	.8677	.8687	.8697	.8707	.8717	.8727
99	.8640	.8650	.8660	.8670	.8680	.8690	.8700	.8710	.8720	.8730
100	.8644	.8654	.8664	.8674	.8684	.8693	.8703	.8713	.8723	.8733
101	.8648	.8658	.8668	.8678	.8688	.8697	.8707	.8717	.8727	.8737
102	.8652	.8662	.8672	.8682	.8692	.8701	.8711	.8721	.8731	.8741
103	.8656	.8666	.8676	.8686	.8696	.8705	.8715	.8725	.8735	.8745
104	.8659	.8669	.8679	.8689	.8699	.8708	.8718	.8728	.8738	.8748
105	.8663	.8673	.8683	.8693	.8703	.8712	.8722	.8732	.8742	.8752
106	.8666	.8676	.8686	.8696	.8706	.8715	.8725	.8735	.8745	.8755
107	.8670	.8680	.8690	.8700	.8710	.8719	.8729	.8739	.8749	.8759
108	.8673	.8683	.8693	.8703	.8713	.8722	.8732	.8742	.8752	.8762
109	.8677	.8687	.8697	.8707	.8717	.8726	.8736	.8746	.8756	.8766
110	.8680	.8690	.8700	.8710	.8720	.8729	.8739	.8749	.8759	.8769
111	.8684	.8694	.8704	.8714	.8724	.8733	.8743	.8753	.8763	.8773
112	.8687	.8697	.8707	.8717	.8727	.8736	.8746	.8756	.8766	.8776
113	.8691	.8701	.8711	.8721	.8731	.8740	.8750	.8760	.8770	.8780
114	.8694	.8704	.8714	.8724	.8734	.8743	.8753	.8763	.8773	.8783
115	.8698	.8708	.8718	.8727	.8737	.8747	.8757	.8767	.8776	.8786
116	.8701	.8711	.8721	.8730	.8740	.8750	.8760	.8770	.8779	.8789
117	.8705	.8715	.8725	.8734	.8744	.8754	.8764	.8774	.8783	.8793
118	.8708	.8718	.8728	.8737	.8747	.8757	.8767	.8777	.8786	.8796
119	.8712	.8722	.8732	.8741	.8751	.8761	.8771	.8781	.8790	.8800
120	.8715	.8725	.8735	.8745	.8755	.8764	.8774	.8784	.8794	.8804
121	.8719	.8729	.8739	.8748	.8758	.8768	.8778	.8788	.8797	.8807
122	.8723	.8733	.8743	.8752	.8762	.8772	.8782	.8792	.8801	.8811
123	.8726	.8736	.8746	.8755	.8765	.8775	.8785	.8795	.8804	.8814
124	.8729	.8739	.8749	.8759	.8769	.8778	.8788	.8798	.8808	.8818
125	.8733	.8743	.8753	.8762	.8772	.8782	.8792	.8802	.8811	.8821
126	.8736	.8746	.8756	.8766	.8776	.8785	.8795	.8805	.8815	.8825
127	.8740	.8750	.8760	.8769	.8779	.8789	.8799	.8809	.8818	.8828
128	.8744	.8754	.8764	.8773	.8783	.8793	.8803	.8813	.8822	.8832
129	.8747	.8757	.8767	.8776	.8786	.8796	.8806	.8816	.8825	.8835

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.8750	0.8760	0.8770	0.8780	0.8790	0.8799	0.8809	0.8819	0.8829	0.8839
131	.8754	.8764	.8774	.8783	.8793	.8803	.8813	.8822	.8832	.8842
132	.8757	.8767	.8777	.8786	.8796	.8806	.8816	.8826	.8835	.8845
133	.8760	.8770	.8780	.8790	.8800	.8809	.8819	.8829	.8839	.8849
134	.8763	.8773	.8783	.8793	.8803	.8812	.8822	.8832	.8842	.8852
135	.8767	.8777	.8787	.8797	.8807	.8816	.8826	.8836	.8846	.8856
136	.8771	.8781	.8791	.8800	.8810	.8820	.8830	.8840	.8849	.8859
137	.8774	.8784	.8794	.8804	.8814	.8823	.8833	.8843	.8853	.8863
138	.8778	.8788	.8798	.8807	.8817	.8827	.8837	.8847	.8856	.8866
139	.8782	.8792	.8802	.8811	.8821	.8831	.8841	.8851	.8860	.8870
140	.8786	.8796	.8806	.8815	.8825	.8835	.8845	.8855	.8864	.8874
141	.8789	.8799	.8809	.8818	.8828	.8838	.8848	.8858	.8867	.8877
142	.8792	.8802	.8812	.8821	.8831	.8841	.8851	.8861	.8870	.8880
143	.8796	.8806	.8816	.8825	.8835	.8845	.8855	.8865	.8874	.8884
144	.8799	.8809	.8819	.8828	.8838	.8848	.8858	.8868	.8877	.8887
145	.8802	.8812	.8822	.8831	.8841	.8851	.8861	.8871	.8880	.8890
146	.8805	.8815	.8825	.8834	.8844	.8854	.8864	.8874	.8883	.8893
147	.8808	.8818	.8828	.8837	.8847	.8857	.8867	.8877	.8886	.8896
148	.8811	.8821	.8831	.8840	.8850	.8860	.8870	.8880	.8889	.8899
149	.8815	.8825	.8835	.8844	.8854	.8864	.8874	.8884	.8893	.8903
150	.8818	.8828	.8838	.8847	.8857	.8867	.8877	.8887	.8896	.8906
151	.8822	.8832	.8842	.8851	.8861	.8871	.8881	.8891	.8900	.8910
152	.8825	.8835	.8845	.8854	.8864	.8874	.8884	.8894	.8903	.8913
153	.8828	.8838	.8848	.8857	.8867	.8877	.8887	.8897	.8906	.8916
154	.8832	.8842	.8852	.8861	.8871	.8881	.8891	.8901	.8910	.8920
155	.8835	.8845	.8855	.8864	.8874	.8884	.8894	.8904	.8913	.8923
156	.8839	.8849	.8859	.8868	.8878	.8888	.8898	.8908	.8917	.8927
157	.8843	.8853	.8863	.8872	.8882	.8892	.8902	.8912	.8921	.8931
158	.8846	.8856	.8866	.8875	.8885	.8895	.8905	.8915	.8924	.8934
159	.8850	.8860	.8870	.8879	.8889	.8899	.8909	.8919	.8928	.8938
160	.8853	.8863	.8873	.8882	.8892	.8902	.8912	.8922	.8931	.8941
161	.8856	.8866	.8876	.8885	.8895	.8905	.8915	.8925	.8934	.8944
162	.8859	.8869	.8879	.8888	.8898	.8908	.8918	.8928	.8937	.8947
163	.8863	.8873	.8883	.8892	.8902	.8912	.8922	.8932	.8941	.8951
164	.8867	.8877	.8886	.8896	.8906	.8915	.8925	.8935	.8945	.8954
165	.8871	.8881	.8890	.8900	.8910	.8919	.8929	.8939	.8949	.8958
166	.8874	.8884	.8894	.8903	.8913	.8923	.8933	.8943	.8952	.8962
167	.8878	.8888	.8897	.8907	.8917	.8936	.8936	.8946	.8956	.8965
168	.8881	.8891	.8901	.8910	.8920	.8930	.8940	.8950	.8959	.8969
169	.8884	.8894	.8904	.8913	.8923	.8933	.8943	.8953	.8962	.8972
170	.8887	.8897	.8907	.8916	.8926	.8936	.8946	.8956	.8965	.8975
171	.8890	.8900	.8910	.8919	.8929	.8939	.8949	.8959	.8968	.8978
172	.8893	.8903	.8913	.8922	.8932	.8942	.8952	.8962	.8971	.8981
173	.8897	.8907	.8917	.8926	.8936	.8946	.8956	.8966	.8975	.8985
174	.8901	.8911	.8921	.8930	.8940	.8950	.8960	.8970	.8979	.8989
175	.8905	.8915	.8925	.8934	.8944	8954	.8964	.8974	.8983	.8993
176	.8908	.8918	.8928	.8937	.8947	.8957	.8967	.8977	.8986	.8996
177	.8912	.8922	.8932	.8941	.8951	.8961	.8971	.8981	.8990	.9000
178	.8915	.8925	.8935	.8944	.8954	.8964	.8974	.8984	.8993	.9003
179	.9918	.8928	.8938	.8947	.8957	.8967	.8977	.8987	.8996	.9006
180	.8921	.8931	.8941	.8950	.8960	.8970	.8980	.8990	.8999	.9009
181	.8925	.8935	.8945	.8954	.8964	.8974	.8984	.8994	.9003	.9013
182	.8928	.8938	.8948	.8957	.8967	.8977	.8987	.8997	.9006	.9016
183	.8931	.8941	.8951	.8960	.8970	.8980	.8990	.9000	.9009	.9019
184	.8935	.8945	.8954	.8964	.8974	.8983	.8993	.9003	.9013	.9022
185	.8938	.8948	.8957	.8967	.8977	.8986	.8996	.9006	.9016	.9025
186	.8942	.8952	.8961	.8971	.8981	.8990	.9000	.9010	.9020	.9029
187	.8945	.8955	.8964	.8974	.8984	.8993	.9003	.9013	.9023	.9032
188	.8949	.8959	.8968	.8978	.8988	.8997	.9007	.9017	.9027	.9036
189	.8952	.8962	.8971	.8981	.8991	.9000	.9010	.9020	.9030	.9039
190	.8955	.8965	.8974	.8984	.8994	.9003	.9013	.9023	.9033	.9042
191	.8959	.8969	.8978	.8988	.8998	.9007	.9017	.9027	.9037	.9046
192	.8962	.8972	.8981	.8991	.9001	.9010	.9020	.9030	.9040	.9049
193	.8965	.8975	.8984	.8994	.9004	.9013	.9023	.9033	.9043	.9052
194	.8968	.8978	.8988	.8997	.9007	.9017	.9027	.9037	.9046	.9056
195	.8971	.8981	.8991	.9000	.9010	.9020	.9030	.9040	.9049	.9059

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.8374	0.8384	0.8394	0.8405	0.8415	0.8425	0.8435	0.8445	0.8456	0.8466
1	.8378	.8388	.8398	.8409	.8419	.8429	.8439	.8449	.8460	.8470
2	.8383	.8393	.8403	.8414	.8424	.8434	.8444	.8454	.8465	.8475
3	.8387	.8397	.8407	.8418	.8428	.8438	.8448	.8458	.8469	.8479
4	.8391	.8401	.8411	.8422	.8432	.8442	.8452	.8462	.8473	.8483
5	.8395	.8405	.8415	.8426	.8436	.8446	.8456	.8466	.8477	.8487
6	.8399	.8409	.8419	.8430	.8440	.8450	.8460	.8470	.8481	.8491
7	.8403	.8413	.8423	.8433	.8443	.8454	.8464	.8474	.8484	.8494
8	.8407	.8417	.8427	.8437	.8447	.8458	.8468	.8478	.8488	.8498
9	.8410	.8420	.8430	.8441	.8451	.8461	.8471	.8481	.8492	.8502
10	.8414	.8424	.8434	.8445	.8455	.8465	.8475	.8485	.8496	.8506
11	.8418	.8428	.8438	.8449	.8459	.8469	.8479	.8489	.8500	.8510
12	.8422	.8432	.8442	.8452	.8462	.8473	.8483	.8493	.8503	.8513
13	.8426	.8436	.8446	.8456	.8466	.8477	.8487	.8497	.8507	.8517
14	.8429	.8439	.8449	.8460	.8470	.8480	.8490	.8500	.8511	.8521
15	.8433	.8443	.8453	.8464	.8474	.8484	.8494	.8504	.8515	.8525
16	.8437	.8447	.8457	.8468	.8478	.8488	.8498	.8508	.8519	.8529
17	.8441	.8451	.8461	.8471	.8481	.8492	.8502	.8512	.8522	.8532
18	.8444	.8454	.8464	.8475	.8485	.8495	.8505	.8515	.8526	.8536
19	.8448	.8458	.8468	.8479	.8489	.8499	.8509	.8519	.8530	.8540
20	.8452	.8462	.8472	.8482	.8492	.8503	.8513	.8523	.8533	.8543
21	.8456	.8466	.8476	.8486	.8496	.8507	.8517	.8527	.8537	.8547
22	.8460	.8470	.8480	.8490	.8500	.8511	.8521	.8531	.8541	.8551
23	.8463	.8473	.8483	.8493	.8503	.8514	.8524	.8534	.8544	.8554
24	.8467	.8477	.8487	.8497	.8507	.8518	.8528	.8538	.8548	.8558
25	.8471	.8481	.8491	.8501	.8511	.8522	.8532	.8542	.8552	.8562
26	.8475	.8485	.8495	.8505	.8515	.8526	.8536	.8546	.8556	.8566
27	.8479	.8489	.8499	.8509	.8519	.8530	.8540	.8550	.8560	.8570
28	.8482	.8492	.8502	.8512	.8522	.8533	.8543	.8553	.8563	.8573
29	.8486	.8496	.8506	.8516	.8526	.8537	.8547	.8557	.8567	.8577
30	.8490	.8500	.8510	.8520	.8530	.8541	.8551	.8561	.8571	.8581
31	.8494	.8504	.8514	.8524	.8534	.8545	.8555	.8565	.8575	.8585
32	.8497	.8507	.8517	.8527	.8537	.8548	.8558	.8568	.8578	.8588
33	.8501	.8511	.8521	.8531	.8541	.8552	.8562	.8572	.8582	.8592
34	.8504	.8514	.8524	.8534	.8544	.8555	.8565	.8575	.8585	.8595
35	.8508	.8518	.8528	.8538	.8548	.8559	.8569	.8579	.8589	.8599
36	.8512	.8522	.8532	.8542	.8552	.8563	.8573	.8583	.8593	.8603
37	.8516	.8526	.8536	.8546	.8556	.8567	.8577	.8587	.8597	.8607
38	.8519	.8529	.8539	.8549	.8559	.8570	.8580	.8590	.8600	.8610
39	.8523	.8533	.8543	.8553	.8563	.8574	.8584	.8594	.8604	.8614
40	.8527	.8537	.8547	.8557	.8567	.8578	.8588	.8598	.8608	.8618
41	.8530	.8540	.8550	.8560	.8570	.8581	.8591	.8601	.8611	.8621
42	.8534	.8544	.8554	.8564	.8574	.8585	.8595	.8605	.8615	.8625
43	.8538	.8548	.8558	.8568	.8578	.8589	.8599	.8609	.8619	.8629
44	.8541	.8551	.8561	.8571	.8581	.8592	.8602	.8612	.8622	.8632
45	.8545	.8555	.8565	.8575	.8585	.8596	.8606	.8616	.8626	.8636
46	.8549	.8559	.8569	.8579	.8589	.8600	.8610	.8620	.8630	.8640
47	.8552	.8562	.8572	.8582	.8592	.8603	.8613	.8623	.8633	.8643
48	.8556	.8566	.8576	.8586	.8596	.8607	.8617	.8627	.8637	.8647
49	.8559	.8569	.8579	.8589	.8599	.8610	.8620	.8630	.8640	.8650
50	.8563	.8573	.8583	.8593	.8603	.8614	.8624	.8634	.8644	.8654
51	.8566	.8576	.8586	.8596	.8606	.8617	.8627	.8637	.8647	.8657
52	.8570	.8580	.8590	.8600	.8610	.8621	.8631	.8641	.8651	.8661
53	.8574	.8584	.8594	.8604	.8614	.8625	.8635	.8645	.8655	.8665
54	.8578	.8588	.8598	.8608	.8618	.8629	.8639	.8649	.8659	.8669
55	.8581	.8591	.8601	.8611	.8621	.8632	.8642	.8652	.8662	.8672
56	.8585	.8595	.8605	.8615	.8625	.8636	.8646	.8656	.8666	.8676
57	.8589	.8599	.8609	.8619	.8629	.8640	.8650	.8660	.8670	.8680
58	.8593	.8603	.8613	.8623	.8633	.8643	.8653	.8663	.8673	.8683
59	.8596	.8606	.8616	.8626	.8636	.8647	.8657	.8667	.8677	.8687
60	.8600	.8610	.8620	.8630	.8640	.8650	.8660	.8670	.8680	.8690
61	.8604	.8614	.8624	.8634	.8644	.8654	.8664	.8674	.8684	.8694
62	.8607	.8617	.8627	.8637	.8647	.8657	.8667	.8677	.8687	.8697
63	.8610	.8620	.8630	.8640	.8650	.8660	.8670	.8680	.8690	.8700
64	.8614	.8624	.8634	.8644	.8654	.8664	.8674	.8684	.8694	.8704

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
65	0.8618	0.8628	0.8638	0.8648	0.8658	0.8668	0.8678	0.8688	0.8698	0.8708
66	.8622	.8632	.8642	.8652	.8662	.8672	.8682	.8692	.8702	.8712
67	.8625	.8635	.8645	.8655	.8665	.8676	.8686	.8696	.8706	.8716
68	.8629	.8639	.8649	.8659	.8669	.8679	.8689	.8699	.8709	.8719
69	.8633	.8643	.8653	.8663	.8673	.8683	.8693	.8703	.8713	.8723
70	.8637	.8647	.8657	.8667	.8677	.8687	.8697	.8707	.8717	.8727
71	.8640	.8650	.8660	.8670	.8680	.8690	.8700	.8710	.8720	.8730
72	.8644	.8654	.8664	.8674	.8684	.8694	.8704	.8714	.8724	.8734
73	.8648	.8658	.8668	.8678	.8688	.8698	.8708	.8718	.8728	.8738
74	.8652	.8662	.8672	.8682	.8692	.8702	.8712	.8722	.8732	.8742
75	.8655	.8665	.8675	.8685	.8695	.8705	.8715	.8725	.8735	.8745
76	.8659	.8669	.8679	.8689	.8699	.8708	.8718	.8728	.8738	.8748
77	.8662	.8672	.8682	.8692	.8702	.8711	.8721	.8731	.8741	.8751
78	.8666	.8676	.8686	.8696	.8706	.8715	.8725	.8735	.8745	.8755
79	.8670	.8680	.8690	.8700	.8710	.8719	.8729	.8739	.8749	.8759
80	.8673	.8683	.8693	.8703	.8713	.8723	.8733	.8743	.8753	.8763
81	.8677	.8687	.8697	.8707	.8717	.8726	.8736	.8746	.8756	.8766
82	.8680	.8690	.8700	.8710	.8720	.8730	.8740	.8750	.8760	.8770
83	.8684	.8694	.8704	.8714	.8724	.8733	.8743	.8753	.8763	.8773
84	.8688	.8698	.8708	.8718	.8728	.8737	.8747	.8757	.8767	.8777
85	.8691	.8701	.8711	.8721	.8731	.8740	.8750	.8760	.8770	.8780
86	.8695	.8705	.8715	.8725	.8735	.8744	.8754	.8764	.8774	.8784
87	.8698	.8708	.8718	.8728	.8738	.8747	.8757	.8767	.8777	.8787
88	.8702	.8712	.8722	.8732	.8742	.8751	.8761	.8771	.8781	.8791
89	.8705	.8715	.8725	.8735	.8745	.8754	.8764	.8774	.8784	.8794
90	.8709	.8719	.8729	.8739	.8749	.8758	.8768	.8778	.8788	.8798
91	.8713	.8723	.8733	.8743	.8753	.8762	.8772	.8782	.8792	.8802
92	.8716	.8726	.8736	.8746	.8756	.8765	.8775	.8785	.8795	.8805
93	.8719	.8729	.8739	.8749	.8759	.8768	.8778	.8788	.8798	.8808
94	.8723	.8733	.8743	.8753	.8763	.8772	.8782	.8792	.8802	.8812
95	.8726	.8736	.8746	.8756	.8766	.8775	.8785	.8795	.8805	.8815
96	.8730	.8740	.8750	.8760	.8770	.8779	.8789	.8799	.8809	.8819
97	.8733	.8743	.8753	.8763	.8773	.8782	.8792	.8802	.8812	.8822
98	.8737	.8747	.8757	.8767	.8777	.8786	.8796	.8806	.8816	.8826
99	.8740	.8750	.8760	.8770	.8780	.8789	.8799	.8809	.8819	.8829
100	.8743	.8753	.8763	.8773	.8783	.8793	.8803	.8813	.8823	.8833
101	.8747	.8757	.8767	.8777	.8787	.8797	.8807	.8817	.8827	.8837
102	.8751	.8761	.8771	.8781	.8791	.8801	.8811	.8821	.8831	.8841
103	.8755	.8765	.8775	.8785	.8795	.8804	.8814	.8824	.8834	.8844
104	.8758	.8768	.8778	.8788	.8798	.8807	.8817	.8827	.8837	.8847
105	.8762	.8772	.8782	.8792	.8802	.8811	.8821	.8831	.8841	.8851
106	.8765	.8775	.8785	.8795	.8805	.8814	.8824	.8834	.8844	.8854
107	.8769	.8779	.8789	.8799	.8809	.8818	.8828	.8838	.8848	.8858
108	.8772	.8782	.8792	.8802	.8812	.8821	.8831	.8841	.8851	.8861
109	.8776	.8786	.8796	.8806	.8816	.8825	.8835	.8845	.8855	.8865
110	.8779	.8789	.8799	.8809	.8819	.8828	.8838	.8848	.8858	.8868
111	.8783	.8793	.8803	.8813	.8823	.8832	.8842	.8852	.8862	.8872
112	.8786	.8796	.8806	.8816	.8826	.8835	.8845	.8855	.8865	.8875
113	.8790	.8800	.8810	.8820	.8830	.8839	.8849	.8859	.8869	.8879
114	.8793	.8803	.8813	.8823	.8833	.8842	.8852	.8862	.8872	.8882
115	.8796	.8806	.8816	.8826	.8836	.8845	.8855	.8865	.8875	.8885
116	.8799	.8809	.8819	.8829	.8839	.8848	.8858	.8868	.8878	.8888
117	.8803	.8813	.8823	.8833	.8843	.8852	.8862	.8872	.8882	.8892
118	.8806	.8816	.8826	.8836	.8846	.8855	.8865	.8875	.8885	.8895
119	.8810	.8820	.8830	.8840	.8850	.8859	.8869	.8879	.8889	.8899
120	.8814	.8824	.8834	.8844	.8854	.8863	.8873	.8883	.8893	.8903
121	.8817	.8827	.8837	.8847	.8857	.8866	.8876	.8886	.8896	.8906
122	.8821	.8831	.8841	.8851	.8861	.8870	.8880	.8890	.8900	.8910
123	.8824	.8834	.8844	.8854	.8864	.8873	.8883	.8893	.8903	.8913
124	.8828	.8838	.8848	.8858	.8868	.8877	.8887	.8897	.8907	.8917
125	.8831	.8841	.8851	.8861	.8871	.8880	.8890	.8900	.8910	.8920
126	.8835	.8845	.8855	.8864	.8874	.8884	.8894	.8904	.8913	.8923
127	.8838	.8848	.8858	.8868	.8878	.8887	.8897	.8907	.8917	.8927
128	.8842	.8852	.8862	.8871	.8881	.8891	.8901	.8911	.8920	.8930
129	.8845	.8855	.8865	.8875	.8885	.8894	.8904	.8914	.8924	.8934

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.8849	0.8859	0.8869	0.8879	0.8889	0.8898	0.8908	0.8918	0.8928	0.8938
131	.8852	.8862	.8872	.8882	.8892	.8901	.8911	.8921	.8931	.8941
132	.8855	.8865	.8875	.8885	.8895	.8904	.8914	.8924	.8934	.8944
133	.8859	.8869	.8879	.8889	.8899	.8908	.8918	.8928	.8938	.8948
134	.8862	.8872	.8882	.8892	.8902	.8911	.8921	.8931	.8941	.8951
135	.8866	.8876	.8886	.8895	.8905	.8915	.8925	.8935	.8944	.8954
136	.8869	.8879	.8889	.8899	.8909	.8918	.8928	.8938	.8948	.8958
137	.8873	.8883	.8893	.8902	.8912	.8922	.8932	.8942	.8951	.8961
138	.8876	.8886	.8896	.8906	.8916	.8925	.8935	.8945	.8955	.8965
139	.8880	.8890	.8900	.8909	.8919	.8929	.8939	.8949	.8955	.8968
140	.8884	.8894	.8904	.8913	.8923	.8933	.8943	.8953	.8962	.8972
141	.8887	.8897	.8907	.8916	.8926	.8936	.8946	.8956	.8965	.8975
142	.8890	.8900	.8910	.8919	.8929	.8939	.8949	.8959	.8968	.8978
143	.8894	.8904	.8914	.8923	.8933	.8943	.8953	.8953	.8972	.8982
144	.8897	.8907	.8917	.8926	.8936	.8945	.8956	.8966	.8975	.8985
145	.8900	.8910	.8920	.8929	.8939	.8949	.8959	.8969	.8978	.8988
146	.8903	.8913	.8923	.8932	.8942	.8952	.8962	.8972	.8981	.8991
147	.8906	.8916	.8926	.8936	.8946	.8955	.8965	.8975	.8985	.8995
148	.8909	.8919	.8929	.8939	.8949	.8958	.8968	.8978	.8988	.8998
149	.8913	.8923	.8933	.8942	.8952	.8962	.8972	.8982	.8991	.9001
150	.8916	.8926	.8936	.8945	.8955	.8965	.8975	.8985	.8994	.9004
151	.8920	.8930	.8940	.8949	.8959	.8969	.8979	.8989	.8998	.9008
152	.8923	.8933	.8943	.8952	.8962	.8972	.8982	.8992	.9001	.9011
153	.8926	.8936	.8946	.8955	.8965	.8975	.8985	.8995	.9004	.9014
154	.8930	.8940	.8950	.8959	.8969	.8979	.8989	.8999	.9008	.9018
155	.8933	.8943	.8953	.8962	.8972	.8982	.8992	.9002	.9011	.9021
156	.8937	.8947	.8957	.8966	.8976	.8986	.8996	.9006	.9015	.9025
157	.8941	.8951	.8961	.8970	.8980	.8990	.9000	.9010	.9019	.9029
158	.8944	.8954	.8964	.8973	.8983	.8993	.9003	.9013	.9023	.9032
159	.8948	.8958	.8968	.8977	.8987	.8997	.9007	.9017	.9026	.9036
160	.8951	.8961	.8971	.8980	.8990	.9000	.9010	.9020	.9029	.9039
161	.8954	.8964	.8974	.8983	.8993	.9003	.9013	.9023	.9032	.9042
162	.8957	.8967	.8977	.8986	.8996	.9006	.9016	.9026	.9035	.9045
163	.8961	.8971	.8981	.8990	.9000	.9010	.9020	.9030	.9039	.9049
164	.8964	.8974	.8984	.8993	.9003	.9013	.9023	.9033	.9042	.9052
165	.8968	.8978	.8988	.8997	.9007	.9017	.9027	.9037	.9046	.9056
166	.8972	.8982	.8992	.9001	.9011	.9021	.9031	.9041	.9050	.9060
167	.8975	.8985	.8995	.9005	.9015	.9024	.9034	.9044	.9054	.9064
168	.8979	.8989	.8999	.9008	.9018	.9028	.9038	.9048	.9057	.9067
169	.8982	.8992	.9002	.9011	.9021	.9031	.9041	.9051	.9060	.9070
170	.8985	.8995	.9005	.9014	.9024	.9034	.9044	.9054	.9063	.9073
171	.8988	.8998	.9008	.9017	.9027	.9037	.9047	.9057	.9066	.9076
172	.8991	.9001	.9011	.9021	.9031	.9040	.9050	.9060	.9070	.9080
173	.8995	.9005	.9015	.9025	.9035	.9044	.9054	.9064	.9074	.9084
174	.8999	.9009	.9019	.9028	.9038	.9048	.9058	.9068	.9077	.9087
175	.9003	.9013	.9023	.9032	.9042	.9052	.9062	.9072	.9081	.9091
176	.9006	.9016	.9026	.9035	.9045	.9055	.9065	.9075	.9084	.9094
177	.9010	.9020	.9030	.9039	.9049	.9059	.9069	.9079	.9088	.9098
178	.9013	.9023	.9033	.9042	.9052	.9062	.9072	.9082	.9091	.9101
179	.9016	.9026	.9036	.9045	.9055	.9065	.9075	.9085	.9094	.9104
180	.9019	.9029	.9039	.9048	.9058	.9068	.9078	.9088	.9097	.9107
181	.9023	.9033	.9043	.9052	.9062	.9072	.9082	.9092	.9101	.9111
182	.9026	.9036	.9046	.9055	.9065	.9075	.9085	.9095	.9104	.9114
183	.9029	.9039	.9049	.9058	.9068	.9078	.9088	.9098	.9107	.9117
184	.9032	.9042	.9052	.9061	.9071	.9081	.9091	.9101	.9110	.9120
185	.9035	.9045	.9055	.9064	.9074	.9084	.9094	.9104	.9113	.9123
186	.9039	.9049	.9059	.9068	.9078	.9088	.9098	.9108	.9117	.9127
187	.9042	.9052	.9062	.9071	.9081	.9091	.9101	.9111	.9120	.9130
188	.9046	.9056	.9066	.9075	.9085	.9095	.9105	.9115	.9124	.9134
189	.9049	.9059	.9069	.9078	.9088	.9098	.9108	.9118	.9127	.9137
190	.9052	.9062	.9072	.9081	.9091	.9101	.9111	.9121	.9130	.9140
191	.9056	.9066	.9076	.9085	.9095	.9105	.9115	.9125	.9134	.9144
192	.9059	.9069	.9079	.9088	.9098	.9108	.9118	.9128	.9137	.9147
193	.9062	.9072	.9082	.9091	.9101	.9111	.9121	.9131	.9140	.9150
194	.9066	.9076	.9086	.9095	.9105	.9115	.9125	.9135	.9144	.9154
195	.9069	.9079	.9089	.9098	.9108	.9118	.9128	.9138	.9147	.9157

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.8476	0.8486	0.8496	0.8507	0.8517	0.8527	0.8537	0.8547	0.8558	0.8568
1	.8480	.8490	.8500	.8511	.8521	.8531	.8541	.8551	.8562	.8572
2	.8485	.8495	.8505	.8515	.8525	.8536	.8546	.8556	.8566	.8576
3	.8489	.8499	.8509	.8519	.8529	.8540	.8550	.8560	.8570	.8580
4	.8493	.8503	.8513	.8523	.8533	.8544	.8554	.8564	.8574	.8584
5	.8497	.8507	.8517	.8527	.8537	.8548	.8558	.8568	.8578	.8588
6	.8501	.8511	.8521	.8531	.8541	.8552	.8562	.8572	.8582	.8592
7	.8504	.8514	.8524	.8535	.8545	.8555	.8565	.8575	.8586	.8596
8	.8508	.8518	.8528	.8538	.8548	.8559	.8569	.8579	.8589	.8599
9	.8512	.8522	.8532	.8542	.8552	.8563	.8573	.8583	.8593	.8603
10	.8516	.8526	.8536	.8546	.8556	.8567	.8577	.8587	.8597	.8607
11	.8520	.8530	.8540	.8550	.8560	.8571	.8581	.8591	.8601	.8611
12	.8523	.8533	.8543	.8553	.8563	.8574	.8584	.8594	.8604	.8614
13	.8527	.8537	.8547	.8557	.8567	.8578	.8588	.8598	.8608	.8618
14	.8531	.8541	.8551	.8561	.8571	.8582	.8592	.8602	.8612	.8622
15	.8535	.8545	.8555	.8565	.8575	.8586	.8596	.8606	.8616	.8626
16	.8539	.8549	.8559	.8569	.8579	.8590	.8600	.8610	.8620	.8630
17	.8542	.8552	.8562	.8572	.8582	.8593	.8603	.8613	.8623	.8633
18	.8546	8556	.8566	.8576	.8586	.8597	.8607	.8617	.8627	.8637
19	.8550	.8560	.8570	.8580	.8590	.8601	.8611	.8621	.8631	.8641
20	.8553	.8563	.8573	.8583	.8593	.8604	.8614	.8624	.8634	.8644
21	.8557	.8567	.8577	.8587	.8597	.8608	.8618	.8628	.8638	.8648
22	.8561	.8571	.8581	.8591	.8601	.8611	.8621	.8631	.8641	.8651
23	.8564	.8574	.8584	.8594	.8604	.8615	.8625	.8635	.8645	.8655
24	.8568	.8578	.8588	.8598	.8608	.8619	.8629	[illegible]	.8649	.8659
25	.8572	.8582	.8592	.8602	.8612	.8622	.8632	.8642	.8652	.8662
26	.8576	.8586	.8596	.8606	.8616	.8626	.8636	.8646	.8656	.8666
27	.8580	.8590	.8600	.8610	.8620	.8630	.8640	.8650	.8660	.8670
28	.8583	.8593	.8603	.8613	.8623	.8634	.8644	.8654	.8664	.8674
29	.8587	.8597	.8607	.8617	.8627	.8637	.8647	.8657	.8667	.8677
30	.8591	.8601	.8611	.8621	.8631	.8641	.8651	.8661	.8671	.8681
31	.8595	.8605	.8615	.8625	.8635	.8645	.8655	.8665	.8675	.8685
32	.8598	.8608	.8618	.8628	.8638	.8648	.8658	.8668	.8678	.8688
33	.8602	.8612	.8622	.8632	.8642	.8652	.8662	.8672	.8682	.8692
34	.8605	.8615	.8625	.8635	.8645	.8656	.8666	.8676	.8686	.8696
35	.8609	.8619	.8629	.8639	.8649	.8660	.8670	.8680	.8690	.8700
36	.8613	.8623	.8633	.8643	.8653	.8663	.8673	.8683	.8693	.8703
37	.8617	.8627	.8637	.8647	.8657	.8667	.8677	.8687	.8697	.8707
38	.8620	.8630	.8640	.8650	.8660	.8671	.8681	.8691	.8701	.8711
39	.8624	.8634	.8644	.8654	.8664	.8674	.8684	.8694	.8704	.8714
40	.8628	.8638	.8648	.8658	.8668	.8678	.8688	.8698	.8708	.8718
41	.8631	.8641	.8651	.8661	.8671	.8681	.8691	.8701	.8711	.8721
42	.8635	.8645	.8655	.8665	.8675	.8685	.8695	.8705	.8715	.8725
43	.8639	.8649	.8659	.8669	.8679	.8689	.8699	.8709	.8719	.8729
44	.8642	.8652	.8662	.8672	.8682	.8693	.8703	.8713	.8723	.8733
45	.8646	.8656	.8666	.8676	.8686	.8697	.8707	.8717	.8727	.8737
46	.8650	.8660	.8670	.8680	.8690	.8700	.8710	.8720	.8730	.8740
47	.8653	.8663	.8673	.8683	.8693	.8704	.8714	.8724	.8734	.8744
48	.8657	.8667	.8677	.8687	.8697	.8707	.8717	.8727	.8737	.8747
49	.8660	.8670	.8680	.8690	.8700	.8711	.8721	.8731	.8741	.8751
50	.8664	.8674	.8684	.8694	.8704	.8714	.8724	.8734	.8744	.8754
51	.8667	.8677	.8687	.8697	.8707	.8718	.8728	.8738	.8748	.8758
52	.8671	.8681	.8691	.8701	.8711	.8722	.8732	.8742	.8752	.8762
53	.8675	.8685	.8695	.8705	.8715	.8725	.8735	.8745	.8755	.8765
54	.8679	.8689	.8699	.8709	.8719	.8729	.8739	.8749	.8759	.8769
55	.8682	.8692	.8702	.8712	.8722	.8732	.8742	.8752	.8762	.8772
56	.8686	.8696	.8706	.8716	.8726	.8736	.8746	.8756	.8766	.8776
57	.8690	.8700	.8710	.8720	.8730	.8740	.8750	.8760	.8770	.8780
58	.8693	.8703	.8713	.8723	.8733	.8743	.8753	.8763	.8773	.8783
59	.8697	.8707	.8717	.8727	.8737	.8747	.8757	.8767	.8777	.8787
60	.8700	.8710	.8720	.8730	.8740	.8750	.8760	.8770	.8780	.8790
61	.8704	.8714	.8724	.8734	.8744	.8754	.8764	.8774	.8784	.8794
62	.8707	.8717	.8727	.8737	.8747	.8757	.8767	.8777	.8787	.8797
63	.8710	.8720	.8730	.8740	.8750	.8760	.8770	.8780	.8790	.8800
64	.8714	.8724	.8734	.8744	.8754	.8764	.8774	.8784	.8794	.8804

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.8718	0.8728	0.8738	0.8748	0.8758	0.8768	0.8778	0.8788	0.8798	0.8808
66	.8722	.8732	.8742	.8752	.8762	.8772	.8782	.8792	.8802	.8812
67	.8726	.8736	.8746	.8756	.8766	.8775	.8785	.8795	.8805	.8815
68	.8729	.8739	.8749	.8759	.8769	.8779	.8789	.8799	.8809	.8819
69	.8733	.8743	.8753	.8763	.8773	.8782	.8792	.8802	.8812	.8822
70	.8737	.8747	.8757	.8767	.8777	.8786	.8796	.8806	.8816	.8826
71	.8740	.8750	.8760	.8770	.8780	.8790	.8800	.8810	.8820	.8830
72	.8744	.8754	.8764	.8774	.8784	.8793	.8803	.8813	.8823	.8833
73	.8748	.8758	.8768	.8778	.8788	.8797	.8807	.8817	.8827	.8837
74	.8752	.8762	.8772	.8782	.8792	.8801	.8811	.8821	.8831	.8841
75	.8755	.8765	.8775	.8785	.8795	.8804	.8814	.8824	.8834	.8844
76	.8758	.8768	.8778	.8788	.8798	.8808	.8818	.8828	.8838	.8848
77	.8761	.8771	.8781	.8791	.8801	.8811	.8821	.8831	.8841	.8851
78	.8765	.8775	.8785	.8795	.8805	.8815	.8825	.8835	.8845	.8855
79	.8769	.8779	.8789	.8799	.8809	.8819	.8829	.8839	.8849	.8859
80	.8773	.8783	.8793	.8803	.8813	.8822	.8832	.8842	.8852	.8862
81	.8776	.8786	.8796	.8806	.8816	.8826	.8836	.8846	.8856	.8866
82	.8780	.8790	.8800	.8810	.8820	.8830	.8840	.8850	.8860	.8870
83	.8783	.8793	.8803	.8813	.8823	.8833	.8843	.8853	.8863	.8873
84	.8787	.8797	.8807	.8817	.8827	.8837	.8847	.8857	.8867	.8877
85	.8790	.8800	.8810	.8820	.8830	.8840	.8850	.8860	.8870	.8880
86	.8794	.8804	.8814	.8824	.8834	.8843	.8853	.8863	.8873	.8883
87	.8797	.8807	.8817	.8827	.8837	.8847	.8857	.8867	.8877	.8887
88	.8801	.8811	.8821	.8831	.8841	.8850	.8860	.8870	.8880	.8890
89	.8804	.8814	.8824	.8834	.8844	.8854	.8864	.8874	.8884	.8894
90	.8808	.8818	.8828	.8838	.8848	.8857	.8867	.8877	.8887	.8897
91	.8812	.8822	.8832	.8842	.8852	.8861	.8871	.8881	.8891	.8901
92	.8815	.8825	.8835	.8845	.8855	.8864	.8874	.8884	.8894	.8904
93	.8818	.8828	.8838	.8848	.8858	.8867	.8877	.8887	.8897	.8907
94	.8822	.8832	.8842	.8852	.8862	.8871	.8881	.8891	.8901	.8911
95	.8825	.8835	.8845	.8855	.8865	.8875	.8885	.8895	.8905	.8915
96	.8829	.8839	.8849	.8859	.8869	.8878	.8888	.8898	.8908	.8918
97	.8832	.8842	.8852	.8862	.8872	.8882	.8892	.8902	.8912	.8922
98	.8836	.8846	.8856	.8866	.8876	.8885	.8895	.8905	.8915	.8925
99	.8839	.8849	.8859	.8869	.8879	.8889	.8899	.8909	.8919	.8929
100	.8843	.8853	.8863	.8873	.8883	.8892	.8902	.8912	.8922	.8932
101	.8847	.8857	.8867	.8877	.8887	.8896	.8906	.8916	.8926	.8936
102	.8851	.8861	.8871	.8881	.8891	.8900	.8910	.8920	.8930	.8940
103	.8854	.8864	.8874	.8884	.8894	.8903	.8913	.8923	.8933	.8943
104	.8857	.8867	.8877	.8887	.8897	.8906	.8916	.8926	.8936	.8946
105	.8861	.8871	.8881	.8891	.8901	.8910	.8920	.8930	.8940	.8950
106	.8864	.8874	.8884	.8894	.8904	.8914	.8924	.8934	.8944	.8954
107	.8868	.8878	.8888	.8898	.8908	.8917	.8927	.8937	.8947	.8957
108	.8871	.8881	.8891	.8901	.8911	.8921	.8931	.8941	.8951	.8961
109	.8875	.8885	.8895	.8905	.8915	.8924	.8934	.8944	.8954	.8964
110	.8878	.8888	.8898	.8908	.8918	.8928	.8938	.8948	.8958	.8968
111	.8882	.8892	.8902	.8912	.8922	.8931	.8941	.8951	.8961	.8971
112	.8885	.8895	.8905	.8915	.8925	.8935	.8945	.8955	.8965	.8975
113	.8889	.8899	.8909	.8919	.8929	.8938	.8948	.8958	.8968	.8978
114	.8892	.8902	.8912	.8922	.8932	.8942	.8952	.8962	.8972	.8982
115	.8895	.8905	.8915	.8925	.8935	.8945	.8955	.8965	.8975	.8985
116	.8898	.8908	.8918	.8928	.8938	.8948	.8958	.8968	.8978	.8988
117	.8902	.8912	.8922	.8932	.8942	.8951	.8961	.8971	.8981	.8991
118	.8905	.8915	.8925	.8935	.8945	.8955	.8965	.8975	.8985	.8995
119	.8909	.8919	.8929	.8939	.8949	.8958	.8968	.8978	.8988	.8998
120	.8913	.8923	.8933	.8943	.8953	.8962	.8972	.8982	.8992	.9002
121	.8916	.8926	.8936	.8946	.8956	.8966	.8976	.8986	.8996	.9006
122	.8920	.8930	.8940	.8950	.8960	.8969	.8979	.8989	.8999	.9009
123	.8923	.8933	.8943	.8953	.8963	.8972	.8982	.8992	.9002	.9012
124	.8927	.8937	.8947	.8957	.8967	.8976	.8986	.8996	.9006	.9016
125	.8930	.8940	.8950	.8960	.8970	.8979	.8989	.8999	.9009	.9019
126	.8933	.8943	.8953	.8963	.8973	.8982	.8992	.9002	.9012	.9022
127	.8937	.8947	.8957	.8967	.8977	.8986	.8996	.9006	.9016	.9026
128	.8940	.8950	.8960	.8970	.8980	.8989	.8999	.9009	.9019	.9029
129	.8944	.8954	.8964	.8974	.8984	.8993	.9003	.9013	.9023	.9033

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.8948	0.8958	0.8968	0.8978	0.8988	0.8997	0.9007	0.9017	0.9027	0.9037
131	.8951	.8961	.8971	.8981	.8991	.9000	.9010	.9020	.9030	.9040
132	.8954	.8964	.8974	.8984	.8994	.9003	.9013	.9023	.9033	.9043
133	.8958	.8968	.8978	.8988	.8998	.9007	.9017	.9027	.9037	.9047
134	.8961	.8971	.8981	.8991	.9001	.9010	.9020	.9030	.9040	.9050
135	.8964	.8974	.8984	.8994	.9004	.9013	.9023	.9033	.9043	.9053
136	.8968	.8978	.8988	.8998	.9008	.9017	.9027	.9037	.9047	.9057
137	.8971	.8981	.8991	.9001	.9011	.9020	.9030	.9040	.9050	.9060
138	.8975	.8985	.8995	.9005	.9015	.9024	.9034	.9044	.9054	.9064
139	.8978	.8988	.8998	.9008	.9018	.9027	.9037	.9047	.9057	.9067
140	.8982	.8992	.9002	.9012	.9022	.9031	.9041	.9051	.9061	.9071
141	.8985	.8995	.9005	.9015	.9025	.9034	.9044	.9054	.9064	.9074
142	.8988	.8998	.9008	.9018	.9028	.9037	.9047	.9057	.9067	.9077
143	.8992	.9002	.9012	.9021	.9031	.9041	.9051	.9061	.9070	.9080
144	.8995	.9005	.9015	.9025	.9035	.9044	.9054	.9064	.9074	.9084
145	.8998	.9008	.9018	.9028	.9038	.9047	.9057	.9067	.9077	.9087
146	.9001	.9011	.9021	.9031	.9041	.9050	.9060	.9070	.9080	.9090
147	.9005	.9015	.9025	.9035	.9045	.9054	.9064	.9074	.9084	.9094
148	.9008	.9018	.9028	.9038	.9048	.9057	.9067	.9077	.9087	.9097
149	.9011	.9021	.9031	.9041	.9051	.9060	.9070	.9080	.9090	.9100
150	.9014	.9024	.9034	.9044	.9054	.9063	.9073	.9083	.9093	.9103
151	.9018	.9028	.9038	.9048	.9058	.9067	.9077	.9087	.9097	.9107
152	.9021	.9031	.9041	.9051	.9061	.9070	.9080	.9090	.9100	.9110
153	.9024	.9034	.9044	.9054	.9064	.9073	.9083	.9093	.9103	.9113
154	.9028	.9038	.9048	.9058	.9068	.9077	.9087	.9097	.9107	.9117
155	.9031	.9041	.9051	.9061	.9071	.9080	.9090	.9100	.9110	.9120
156	.9035	.9045	.9055	.9064	.9074	.9084	.9094	.9104	.9113	.9123
157	.9039	.9049	.9059	.9068	.9078	.9088	.9098	.9108	.9117	.9127
158	.9042	.9052	.9062	.9072	.9082	.9091	.9101	.9111	.9121	.9131
159	.9046	.9056	.9066	.9075	.9085	.9095	.9105	.9115	.9124	.9134
160	.9049	.9059	.9069	.9079	.9089	.9098	.9108	.9118	.9128	.9138
161	.9052	.9062	.9072	.9082	.9092	.9101	.9111	.9121	.9131	.9141
162	.9055	.9065	.9075	.0985	.9095	.9104	.9114	.9124	.9134	.9144
163	.9059	.9069	.9079	.9089	.9099	.9108	.9118	.9128	.9138	.9148
164	.9062	.9072	.9082	.9092	.9102	.9111	.9121	.9131	.9141	.9151
165	.9066	.9076	.9086	.9096	.9106	.9115	.9125	.9135	.9145	.9155
166	.9070	.9080	.9090	.9099	.9109	.9119	.9129	.9139	.9148	.9158
167	.9074	.9084	.9094	.9103	.9113	.9123	.9133	.9143	.9152	.9162
168	.9077	.9087	.9097	.9106	.9116	.9126	.9136	.9146	.9155	.9165
169	.9080	.9090	.9100	.9110	.9120	.9129	.9139	.9149	.9159	.9169
170	.9083	.9093	.9103	.9113	.9123	.9132	.9142	.9152	.9162	.9172
171	.9086	.9096	.9106	.9116	.9126	.9135	.9145	.9155	.9165	.9175
172	.9090	.9100	.9110	.9120	.9130	.9139	.9149	.9159	.9169	.9179
173	.9094	.9104	.9114	.9123	.9133	.9143	.9153	.9163	.9172	.9182
174	.9097	.9107	.9117	.9127	.9137	.9146	.9156	.9166	.9176	.9186
175	.9101	.9111	.9121	.9130	.9140	.9150	.9160	.9170	.9179	.9189
176	.9104	.9114	.9124	.9133	.9143	.9153	.9163	.9173	.9182	.9192
177	.9108	.9118	.9128	.9137	.9147	.9157	.9167	.9177	.9186	.9196
178	.9111	.9121	.9131	.9140	.9150	.9160	.9170	.9180	.9189	.9199
179	.9114	.9124	.9134	.9143	.9153	.9163	.9173	.9183	.9192	.9202
180	.9117	.9127	.9137	.9147	.9157	.9166	.9176	.9186	.9196	.9206
181	.9121	.9131	.9141	.9150	.9160	.9170	.9180	.9190	.9199	.9209
182	.9124	.9134	.9144	.9153	.9163	.9173	.9183	.9193	.9202	.9212
183	.9127	.9137	.9147	.9156	.9166	.9176	.9186	.9196	.9205	.9215
184	.9130	.9140	.9150	.9159	.9169	.9179	.9189	.9199	.9208	.9218
185	.9133	.9143	.9153	.9162	.9172	.9182	.9192	.9202	.9211	.9221
186	.9137	.9147	.9157	.9166	.9176	.9186	.9196	.9206	.9215	.9225
187	.9140	.9150	.9160	.9169	.9179	.9189	.9199	.9209	.9218	.9228
188	.9144	.9154	.9164	.9173	.9183	.9193	.9203	.9213	.9222	.9232
189	.9147	.9157	.9167	.9176	.9186	.9196	.9206	.9216	.9225	.9235
190	.9150	.9160	.9170	.9179	.9189	.9199	.9209	.9219	.9228	.9238
191	.9154	.9164	.9174	.9183	.9193	.9203	.9213	.9223	.9232	.9242
192	.9157	.9167	.9177	.9186	.9196	.9206	.9216	.9226	.9235	.9245
193	.9160	.9170	.9180	.9189	.9199	.9209	.9219	.9229	.9238	.9248
194	.9164	.9174	.9184	.9193	.9203	.9213	.9223	.9233	.9242	.9252
195	.9167	.9177	.9187	.9196	.9206	.9216	.9226	.9236	.9245	.9255

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.8578	0.8588	0.8598	0.8608	0.8618	0.8629	0.8639	0.8649	0.8659	0.8669
1	.8582	.8592	.8602	.8612	.8622	.8633	.8643	.8653	.8663	.8673
2	.8586	.8596	.8606	.8617	.8627	.8637	.8647	.8657	.8668	.8678
3	.8590	.8600	.8610	.8621	.8631	.8641	.8651	.8661	.8672	.8682
4	.8594	.8604	.8614	.8625	.8635	.8645	.8655	.8665	.8676	.8686
5	.8598	.8608	.8618	.8629	.8639	.8649	.8659	.8669	.8680	.8690
6	.8602	.8612	.8622	.8632	.8642	.8653	.8663	.8673	.8683	.8693
7	.8606	.8616	.8626	.8636	.8646	.8657	.8667	.8677	.8687	.8697
8	.8609	.8619	.8629	.8639	.8649	.8660	.8670	.8680	.8690	.8700
9	.8613	.8623	.8633	.8643	.8653	.8664	.8674	.8684	.8694	.8704
10	.8617	.8627	8637	.8647	.8657	.8668	.8678	.8688	.8698	.8708
11	.8621	.8631	.8641	.8651	.8661	.8672	.8682	.8692	.8702	.8712
12	.8624	.8634	.8644	.8654	.8664	.8675	.8685	.8695	.8705	.8715
13	.8628	.8638	.8648	.8658	.8668	.8679	.8689	.8699	.8709	.8719
14	.8632	.8642	.8652	.8662	.8672	.8683	.8693	.8703	.8713	.8723
15	.8636	.8646	.8656	.8666	.8676	.8687	.8697	.8707	.8717	.8727
16	.8640	.8650	.8660	.8670	.8680	.8691	.8701	.8711	.8721	.8731
17	.8643	.8653	.8663	.8673	.8683	.8694	.8704	.8714	.8724	.8734
18	.8647	.8657	.8667	.8677	.8687	.8698	.8708	.8718	.8728	.8738
19	.8651	.8661	.8671	.8681	.8691	.8702	.8712	.8722	.8732	.8742
20	.8654	.8664	.8674	.8684	.8694	.8705	.8715	.8725	.8735	.8745
21	.8658	.8668	.8678	.8688	.8698	.8709	.8719	.8729	.8739	.8749
22	.8661	.8671	.8681	.8691	.8701	.8712	.8722	.8732	.8742	.8752
23	.8665	.8675	.8685	.8695	.8705	.8716	.8726	.8736	.8746	.8756
24	.8669	.8679	.8689	.8699	.8709	.8720	.8730	.8740	.8750	.8760
25	.8672	.8682	.8692	.8702	.8712	.8723	.8733	.8743	.8753	.8763
26	.8676	.8686	.8696	.8706	.8716	.8727	.8737	.8747	.8757	.8767
27	.8680	.8690	.8700	.8710	.8720	.8731	.8741	.8751	.8761	.8771
28	.8684	.8694	.8704	.8714	.8724	.8735	.8745	.8755	.8765	.8775
29	.8687	.8697	.8707	.8717	.8727	.8738	.8748	.8758	.8768	.8778
30	.8691	.8701	.8711	.8721	.8731	.8742	.8752	.8762	.8772	.8782
31	.8695	.8705	.8715	.8725	.8735	.8745	.8755	.8765	.8775	.8785
32	.8698	.8708	.8718	.8728	.8738	.8749	.8759	.8769	.8779	.8789
33	.8702	.8712	.8722	.8732	.8742	.8753	.8763	.8773	.8783	.8793
34	.8706	.8716	.8726	.8736	.8746	.8756	.8766	.8776	.8786	.8796
35	.8710	.8720	.8730	.8740	.8750	.8760	.8770	.8780	.8790	.8800
36	.8713	.8723	.8733	.8743	.8753	.8764	.8774	.8784	.8794	.8804
37	.8717	.8727	.8737	.8747	.8757	.8767	.8777	.8787	.8797	.8807
38	.8721	.8731	.8741	.8751	.8761	.8771	.8781	.8791	.8801	.8811
39	.8724	.8734	.8744	.8754	.8764	.8775	.8785	.8795	.8805	.8815
40	.8728	.8738	.8748	.8758	.8768	.8778	.8788	.8798	.8808	.8818
41	.8731	.8741	.8751	.8761	.8771	.8782	.8792	.8802	.8812	.8822
42	.8735	.8745	.8755	.8765	.8775	.8785	.8795	.8805	.8815	.8825
43	.8739	.8749	.8759	.8769	.8779	.8789	.8799	.8809	.8819	.8829
44	.8743	.8753	.8763	.8773	.8783	.8793	.8803	.8813	.8823	.8833
45	.8747	.8757	.8767	.8777	.8787	.8797	.8807	.8817	.8827	.8837
46	.8750	.8760	.8770	.8780	.8790	.8800	.8810	.8820	.8830	.8840
47	.8754	.8764	.8774	.8784	.8794	.8804	.8814	.8824	.8834	.8844
48	.8757	.8767	.8777	.8787	.8797	.8807	.8817	.8827	.8837	.8847
49	.8761	.8771	.8781	.8791	.8801	.8811	.8821	.8831	.8841	.8851
50	.8764	.8774	.8784	.8794	.8804	.8814	.8824	.8834	.8844	.8854
51	.8768	.8778	.8788	.8798	.8808	.8818	.8828	.8838	.8848	.8858
52	.8772	.8782	.8792	.8802	.8812	.8822	.8832	.8842	.8852	.8862
53	.8775	.8785	.8795	.8805	.8815	.8825	.8835	.8845	.8855	.8865
54	.8779	.8789	.8799	.8809	.8819	.8829	.8839	.8849	.8859	.8869
55	.8782	.8792	.8802	.8812	.8822	.8832	.8842	.8852	.8862	.8873
56	.8786	.8796	.8806	.8816	.8826	.8836	.8846	.8856	.8866	.8876
57	.8790	.8800	.8810	.8820	.8830	.8840	.8850	.8860	.8870	.8880
58	.8793	.8803	.8813	.8823	.8833	.8843	.8853	.8863	.8873	.8883
59	.8797	.8807	.8817	.8827	.8837	.8847	.8857	.8867	.8877	.8887
60	.8800	.8810	.8820	.8830	.8840	.8850	.8860	.8870	.8880	.8890
61	.8804	.8814	.8824	.8834	.8844	.8854	.8864	.8874	.8884	.8894
62	.8807	.8817	.8827	.8837	.8847	.8857	.8867	.8877	.8887	.8897
63	.8810	.8820	.8830	.8840	.8850	.8860	.8870	.8880	.8890	.8900
64	.8814	.8824	.8834	.8844	.8854	.8864	.8874	.8884	.8894	.8904

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.8818	0.8828	0.8838	0.8848	0.8858	0.8868	0.8878	0.8888	0.8898	0.8908
66	.8822	.8832	.8842	.8852	.8862	.8872	.8882	.8892	.8902	.8912
67	.8825	.8835	.8845	.8855	.8865	.8875	.8885	.8895	.8905	.8915
68	.8829	.8839	.8849	.8859	.8869	.8879	.8889	.8899	.8909	.8919
69	.8832	.8842	.8852	.8862	.8872	.8882	.8892	.8902	.8912	.8922
70	.8836	.8846	.8856	.8866	.8876	.8886	.8896	.8906	.8916	.8926
71	.8840	.8850	.8860	.8870	.8880	.8889	.8899	.8909	.8919	.8929
72	.8843	.8853	.8863	.8873	.8883	.8893	.8903	.8913	.8923	.8933
73	.8847	.8857	.8867	.8877	.8887	.8897	.8907	.8917	.8927	.8937
74	.8851	.8861	.8871	.8881	.8891	.8900	.8910	.8920	.8930	.8940
75	.8854	.8864	.8874	.8884	.8894	.8904	.8914	.8924	.8934	.8944
76	.8858	.8868	.8878	.8888	.8898	.8908	.8918	.8928	.8938	.8948
77	.8861	.8871	.8881	.8891	.8901	.8911	.8921	.8931	.8941	.8951
78	.8865	.8875	.8885	.8895	.8905	.8915	.8925	.8935	.8945	.8955
79	.8869	.8879	.8889	.8899	.8909	.8918	.8928	.8938	.8948	.8958
80	.8872	.8882	.8892	.8902	.8912	.8922	.8932	.8942	.8952	.8962
81	.8876	.8886	.8896	.8906	.8916	.8925	.8935	.8945	.8955	.8965
82	.8880	.8890	.8900	.8910	.8920	.8929	.8939	.8949	.8959	.8969
83	.8883	.8893	.8903	.8913	.8923	.8933	.8943	.8953	.8963	.8973
84	.8887	.8897	.8907	.8917	.8927	.8936	.8946	.8956	.8966	.8976
85	.8890	.8900	.8910	.8920	.8930	.8940	.8950	.8960	.8970	.8980
86	.8893	.8903	.8913	.8923	.8933	.8943	.8953	.8963	.8973	.8983
87	.8897	.8907	.8917	.8927	.8937	.8947	.8957	.8967	.8977	.8987
88	.8900	.8910	.8920	.8930	.8940	.8950	.8960	.8970	.8980	.8990
89	.8904	.8914	.8924	.8934	.8944	8954	.8964	.8974	.8984	.8994
90	.8907	.8917	.8927	.8937	.8947	.8957	.8967	.8977	.8987	.8997
91	.8911	.8921	.8931	.8941	.8951	.8961	.8971	.8981	.8991	.9001
92	.8914	.8924	.8934	.8944	.8954	.8964	.8974	.8984	.8994	.9004
93	.8917	.8927	.8937	.8947	.8957	8967	.8977	.8987	.8997	.9007
94	.8921	.8931	.8941	.8951	.8961	.8970	.8980	.8990	.9000	.9010
95	.8925	.8935	.8945	.8955	.8965	.8974	.8984	.8994	.9004	.9014
96	.8928	.8938	.8948	.8958	.8968	.8977	.8987	8997	.9007	.9017
97	.8932	.8942	.8952	.8962	.8972	.8981	.8991	.9001	.9011	.9021
98	.8935	.8945	.8955	.8965	.8975	.8985	.8995	.9005	.9015	.9025
99	.8939	.8949	.8959	.8969	.8979	.8988	.8998	.9008	.9018	.9028
100	.8942	.8952	.8962	.8972	.8982	.8992	.9002	.9012	.9022	.9032
101	.8946	.8956	.8966	.8976	.8986	.8995	.9005	.9015	.9025	.9035
102	.8950	.8960	.8970	.8980	.8990	.8999	.9009	.9019	.9029	.9039
103	.8953	.8963	.8973	.8983	.8993	.9002	.9012	.9022	.9032	.9042
104	.8956	.8966	.8976	.8986	.8996	.9006	.9016	.9026	.9036	.9046
105	.8960	.8970	.8980	.8990	.9000	.9010	.9020	.9030	.9040	.9050
106	.8964	.8974	.8984	.8994	.9004	.9013	.9023	.9033	.9043	.9053
107	.8967	.8977	.8987	8997	9007	.9017	.9027	.9037	.9047	.9057
108	.8971	.8981	.8991	.9001	.9011	.9020	.9030	.9040	.9050	.9060
109	.8974	.8984	.8994	.9004	.9014	.9024	.9034	.9044	9054	.9064
110	.8978	.8988	.8998	.9008	.9018	.9027	.9037	.9047	.9057	.9067
111	.8981	.8991	.9001	.9011	9021	.9030	.9040	.9050	.9060	.9070
112	.8985	.8995	.9005	.9015	.9025	.9034	.9044	.9054	.9064	.9074
113	.8988	.8998	.9008	.9018	.9028	.9037	.9047	.9057	.9067	.9077
114	.8992	.9002	.9012	.9022	.9032	.9041	.9051	.9061	.9071	.9081
115	.8995	.9005	.9015	.9025	.9035	.9044	.9054	.9064	.9074	.9084
116	.8998	.9008	.9018	.9028	.9038	.9047	.9057	.9067	.9077	.9087
117	.9001	.9011	9021	.9031	.9041	.9050	.9060	.9070	.9080	.9090
118	.9005	.9015	.9025	.9035	.9045	.9054	.9064	.9074	.9084	.9094
119	.9008	.9018	.9028	.9038	.9048	.9057	.9067	.9077	.9087	.9097
120	.9012	.9022	.9032	.9042	.9052	.9061	.9071	.9081	.9091	.9101
121	.9016	.9026	.9036	.9046	.9056	.9065	.9075	.9085	.9095	.9105
122	.9019	.9029	.9039	.9049	.9059	.9068	.9078	.9088	.9098	.9108
123	.9022	.9032	.9042	.9052	.9062	.9071	.9081	.9091	.9101	.9111
124	.9026	.9036	.9046	.9056	.9066	.9075	.9085	.9095	.9105	.9115
125	.9029	.9039	.9049	.9059	.9069	.9078	.9088	.9098	.9108	.9118
126	.9032	.9042	.9052	.9062	.9072	.9081	.9091	.9101	.9111	.9121
127	.9036	.9046	.9056	.9066	.9076	.9085	.9095	.9105	.9115	.9125
128	.9039	.9049	.9059	.9069	.9079	.9088	.9098	.9108	.9118	.9128
129	.9043	.9053	.9063	.9073	.9083	.9092	.9102	.9112	.9122	.9132

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
130	0.9047	0.9057	0.9067	0.9077	0.9087	0.9096	0.9106	0.9116	0.9126	0.9136
131	.9050	.9060	.9070	.9080	.9090	.9099	.9109	.9119	.9129	.9139
132	.9053	.9063	.9073	.9083	.9093	.9102	.9112	.9122	.9132	.9142
133	.9057	.9067	.9077	.9087	.9097	.9106	.9116	.9126	.9136	.9146
134	.9060	.9070	.9080	.9090	.9100	.9109	.9119	.9129	.9139	.9149
135	.9063	.9073	.9083	.9093	.9103	.9112	.9122	.9132	.9142	.9152
136	.9067	.9077	.9087	.9097	.9107	.9116	.9126	.9136	.9146	.9156
137	.9070	.9080	.9090	.9100	.9110	.9119	.9129	.9139	.9149	.9159
138	.9074	.9084	.9094	.9104	.9114	.9123	.9133	.9143	.9153	.9163
139	.9077	.9087	.9097	.9107	.9117	.9126	.9136	.9146	.9156	.9166
140	.9081	.9091	.9101	.9111	.9121	.9130	.9140	.9150	.9160	.9170
141	.9084	.9094	.9104	.9114	.9124	.9133	.9143	.9153	.9163	.9173
142	.9087	.9097	.9107	.9117	.9127	.9136	.9146	.9156	.9166	.9176
143	.9090	.9100	.9110	.9120	.9130	.9139	.9149	.9159	.9169	.9179
144	.9094	.9104	.9114	.9124	.9134	.9143	.9153	.9163	.9173	.9183
145	.9097	.9107	.9117	.9127	.9137	.9146	.9156	.9166	.9176	.9186
146	.9100	.9110	.9120	.9130	.9140	.9149	.9159	.9169	.9179	.9189
147	.9104	.9114	.9124	.9134	.9144	.9153	.9163	.9173	.9183	.9193
148	.9107	.9117	.9127	.9137	.9147	.9156	.9166	.9176	.9186	.9196
149	.9110	.9120	.9130	.9140	.9150	.9159	.9169	.9179	.9189	.9199
150	.9113	.9123	.9133	.9143	.9153	.9162	.9172	.9182	.9192	.9202
151	.9117	.9127	.9137	.9147	.9157	.9166	.9176	.9186	.9196	.9206
152	.9120	.9130	.9140	.9150	.9160	.9169	.9179	.9189	.9199	.9209
153	.9123	.9133	.9143	.9153	.9163	.9172	.9182	.9192	.9202	.9212
154	.9127	.9137	.9147	.9157	.9167	.9176	.9186	.9196	.9206	.9216
155	.9130	.9140	.9150	.9160	.9170	.9179	.9189	.9199	.9209	.9219
156	.9133	.9143	.9153	.9163	.9173	.9182	.9192	.9202	.9212	.9222
157	.9137	.9147	.9157	.9167	.9177	.9186	.9196	.9206	.9216	.9226
158	.9141	.9151	.9161	.9171	.9181	.9190	.9200	.9210	.9220	.9230
159	.9144	.9154	.9164	.9174	.9184	.9193	.9203	.9213	.9223	.9233
160	.9148	.9158	.9168	.9178	.9188	.9197	.9207	.9217	.9227	.9237
161	.9151	.9161	.9171	.9181	.9191	.9200	.9210	.9220	.9230	.9240
162	.9154	.9164	.9174	.9184	.9194	.9203	.9213	.9223	.9233	.9243
163	.9158	.9168	.9178	.9188	.9198	.9207	.9217	.9227	.9237	.9247
164	.9161	.9171	.9181	.9191	.9201	.9210	.9220	.9230	.9240	.9250
165	.9165	.9175	.9185	.9195	.9205	.9214	.9224	.9234	.9244	.9254
166	.9168	.9178	.9188	.9198	.9208	.9217	.9227	.9237	.9247	.9257
167	.9172	.9182	.9192	.9202	.9212	.9221	.9231	.9241	.9251	.9261
168	.9175	.9185	.9195	.9205	.9215	.9224	.9234	.9244	.9254	.9264
169	.9179	.9189	.9199	.9209	.9219	.9228	.9238	.9248	.9258	.9268
170	.9182	.9192	.9202	.9212	.9222	.9231	.9241	.9251	.9261	.9271
171	.9185	.9195	.9205	.9215	.9225	.9234	.9244	.9254	.9264	.9274
172	.9189	.9199	.9209	.9218	.9228	.9238	.9248	.9258	.9267	.9277
173	.9192	.9202	.9212	.9221	.9231	.9241	.9251	.9261	.9270	.9280
174	.9196	.9206	.9216	.9225	.9235	.9245	.9255	.9265	.9274	.9284
175	.9199	.9209	.9219	.9229	.9239	.9248	.9258	.9268	.9278	.9288
176	.9202	.9212	.9222	.9232	.9242	.9251	.9261	.9271	.9281	.9291
177	.9206	.9216	.9226	.9236	.9246	.9255	.9265	.9275	.9285	.9295
178	.9209	.9219	.9229	.9239	.9249	.9258	.9268	.9278	.9288	.9298
179	.9212	.9222	.9232	.9242	.9252	.9261	9271	.9281	.9291	.9301
180	.9216	.9226	.9236	.9246	.9256	.9265	.9275	.9285	.9295	.9305
181	.9219	.9229	.9239	.9249	.9259	.9268	.9278	.9288	.9298	.9308
182	.9222	.9232	.9242	.9252	.9262	.9271	.9281	.9291	.9301	.9311
183	.9225	.9235	.9245	.9255	.9265	.9274	.9284	.9294	.9304	.9314
184	.9228	.9238	.9248	.9258	.9268	.9277	.9287	.9297	.9307	.9317
185	.9231	.9241	.9251	.9261	.9271	.9280	.9290	.9300	.9310	.9320
186	.9235	.9245	.9255	.9264	.9274	.9284	.9294	.9304	.9313	.9323
187	.9238	.9248	.9258	.9267	.9277	.9287	.9297	.9307	.9316	.9326
188	.9242	.9252	.9262	.9271	.9281	.9291	.9301	.9311	.9320	.9330
189	.9245	.9255	.9265	.9274	.9284	.9294	.9304	.9314	.9323	.9333
190	.9248	.9258	.9268	.9277	.9287	.9297	.9307	.9317	.9326	.9336
191	.9252	.9262	.9272	.9281	.9291	.9301	.9311	.9321	.9330	.9340
192	.9255	.9265	.9275	.9284	.9294	.9304	.9314	.9324	.9333	.9343
193	.9258	.9268	.9278	.9287	.9297	.9307	.9317	.9327	.9336	.9346
194	.9262	.9272	.9282	.9291	.9301	.9311	.9321	.9331	.9340	.9350
195	.9265	.9275	.9285	.9294	.9304	.9314	.9324	.9334	.9343	.9353

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.8679	0.8689	0.8699	0.8709	0.8719	0.8730	0.8740	0.8750	0.8760	0.8770
1	.8683	.8693	.8703	.8713	.8723	.8734	.8744	.8754	.8764	.8774
2	.8688	.8698	.8708	.8718	.8728	.8739	.8749	.8759	.8769	.8779
3	.8692	.8702	.8712	.8722	.8732	.8743	.8753	.8763	.8773	.8783
4	.8696	.8706	.8716	.8726	.8736	.8747	.8757	.8767	.8777	.8787
5	.8700	.8710	.8720	.8730	.8740	.8751	.8761	.8771	.8781	.8791
6	.8703	.8713	.8723	.8733	.8743	.8754	.8764	.8774	.8784	.8794
7	.8707	.8717	.8727	.8737	.8747	.8758	.8768	.8778	.8788	.8798
8	.8710	.8720	.8730	.8740	.8750	.8761	.8771	.8781	.8791	.8801
9	.8714	.8724	.8734	.8744	.8754	.8765	.8775	.8785	.8795	.8805
10	.8718	.8728	.8738	.8748	.8758	.8769	.8779	.8789	.8799	.8809
11	.8722	.8732	.8742	.8752	.8762	.8773	.8783	.8793	.8803	.8813
12	.8725	.8735	.8745	.8755	.8765	.8776	.8786	.8796	.8806	.8816
13	.8729	.8739	.8749	.8759	.8769	.8780	.8790	.8800	.8810	.8820
14	.8733	.8743	.8753	.8763	.8773	.8784	.8794	.8804	.8814	.8824
15	.8737	.8747	.8757	.8767	.8777	.8788	.8798	.8808	.8818	.8828
16	.8741	.8751	.8761	.8771	.8781	.8792	.8802	.8812	.8822	.8832
17	.8744	.8754	.8764	.8774	.8784	.8795	.8805	.8815	.8825	.8835
18	.8748	.8758	.8768	.8778	.8788	.8799	.8809	.8819	.8829	.8839
19	.8752	.8762	.8772	.8782	.8792	.8803	.8813	.8823	.8833	.8843
20	.8755	.8765	.8775	.8785	.8795	.8806	.8816	.8826	.8836	.8846
21	.8759	.8769	.8779	.8789	.8799	.8810	.8820	.8830	.8840	.8850
22	.8762	.8772	.8782	.8792	.8802	.8813	.8823	.8833	.8843	.8853
23	.8766	.8776	.8786	.8796	.8806	.8817	.8827	.8837	.8847	.8857
24	.8770	.8780	.8790	.8800	.8810	.8820	.8830	.8840	.8850	.8860
25	.8773	.8783	.8793	.8803	.8813	.8824	.8834	.8844	.8854	.8864
26	.8777	.8787	.8797	.8807	.8817	.8828	.8838	.8848	.8858	.8868
27	.8781	.8791	.8801	.8811	.8821	.8832	.8842	.8852	.8862	.8872
28	.8785	.8795	.8805	.8815	.8825	.8836	.8846	.8856	.8866	.8876
29	.8788	.8798	.8808	.8818	.8828	.8839	.8849	.8859	.8869	.8879
30	.8792	.8802	.8812	.8822	.8832	.8843	.8853	.8863	.8873	.8883
31	.8795	.8805	.8815	.8825	.8835	.8846	.8856	.8866	.8876	.8886
32	.8799	.8809	.8819	.8829	.8839	.8850	.8860	.8870	.8880	.8890
33	.8803	.8813	.8823	.8833	.8843	.8853	.8863	.8873	.8883	.8893
34	.8806	.8816	.8826	.8836	.8846	.8857	.8867	.8877	.8887	.8897
35	.8810	.8820	.8830	.8840	.8850	.8861	.8871	.8881	.8891	.8901
36	.8814	.8824	.8834	.8844	.8854	.8865	.8875	.8885	.8895	.8905
37	.8817	.8827	.8837	.8847	.8857	.8868	.8878	.8888	.8898	.8908
38	.8821	.8831	.8841	.8851	.8861	.8872	.8882	.8892	.8902	.8912
39	.8825	.8835	.8845	.8855	.8865	.8875	.8885	.8895	.8905	.8915
40	.8828	.8838	.8848	.8858	.8868	.8879	.8889	.8899	.8909	.8919
41	.8832	.8842	.8852	.8862	.8872	.8882	.8892	.8902	.8912	.8922
42	.8835	.8845	.8855	.8865	.8875	.8886	.8896	.8906	.8916	.8926
43	.8839	.8849	.8859	.8869	.8879	.8890	.8900	.8910	.8920	.8930
44	.8843	.8853	.8863	.8873	.8883	.8893	.8903	.8913	.8923	.8933
45	.8847	.8857	.8867	.8877	.8887	.8897	.8907	.8917	.8927	.8937
46	.8850	.8860	.8870	.8880	.8890	.8900	.8910	.8920	.8930	.8940
47	.8854	.8864	.8874	.8884	.8894	.8904	.8914	.8924	.8934	.8944
48	.8857	.8867	.8877	.8887	.8897	.8907	.8917	.8927	.8937	.8947
49	.8861	.8871	.8881	.8891	.8901	.8911	.8921	.8931	.8941	.8951
50	.8864	.8874	.8884	.8894	.8904	.8914	.8924	.8934	.8944	.8954
51	.8868	.8878	.8888	.8898	.8908	.8918	.8928	.8938	.8948	.8958
52	.8872	.8882	.8892	.8902	.8912	.8922	.8932	.8942	.8952	.8962
53	.8875	.8885	.8895	.8905	.8915	.8925	.8935	.8945	.8955	.8965
54	.8879	.8889	.8899	.8909	.8919	.8929	.8939	.8949	.8959	.8969
55	.8882	.8892	.8902	.8912	.8922	.8932	.8942	.8952	.8962	.8972
56	.8886	.8896	.8906	.8916	.8926	.8936	.8946	.8956	.8966	.8976
57	.8890	.8900	.8910	.8920	.8930	.8940	.8950	.8960	.8970	.8980
58	.8893	.8903	.8913	.8923	.8933	.8943	.8953	.8963	.8973	.8983
59	.8897	.8907	.8917	.8927	.8937	.8947	.8957	.8967	.8977	.8987
60	.8900	.8910	.8920	.8930	.8940	.8950	.8960	.8970	.8980	.8990
61	.8904	.8914	.8924	.8934	.8944	.8954	.8964	.8974	.8984	.8994
62	.8907	.8917	.8927	.8937	.8947	.8957	.8967	.8977	.8987	.8997
63	.8910	.8920	.8930	.8940	.8950	.8960	.8970	.8980	.8990	.9000
64	.8914	.8924	.8934	.8944	.8954	.8964	.8974	.8984	.8994	.9004

39469°—36——9

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
65	0.8918	0.8928	0.8938	0.8948	0.8958	0.8968	0.8978	0.8988	0.8998	0.9008
66	.8922	.8932	.8942	.8952	.8962	.8972	.8982	.8992	.9002	.9012
67	.8925	.8935	.8945	.8955	.8965	.8975	.8985	.8995	.9005	.9015
68	.8929	.8939	.8949	.8959	.8969	.8979	.8989	.8999	.9009	.9019
69	.8932	.8942	.8952	.8962	.8972	.8982	.8992	.9002	.9012	.9022
70	.8936	.8946	.8956	.8966	.8976	.8986	.8996	.9006	.9016	.9026
71	.8939	.8949	.8959	.8969	.8979	.8989	.8999	.9009	.9019	.9029
72	.8943	.8953	.8963	.8973	.8983	.8993	.9003	.9013	.9023	.9033
73	.8947	.8957	.8967	.8977	.8987	.8997	.9007	.9017	.9027	.9037
74	.8950	.8960	.8970	.8980	.8990	.9000	.9010	.9020	.9030	.9040
75	.8954	.8964	.8974	.8984	.8994	.9004	.9014	.9024	.9034	.9044
76	.8958	.8968	.8978	.8988	.8998	.9007	.9017	.9027	.9037	.9047
77	.8961	.8971	.8981	.8991	.9001	.9010	.9020	.9030	.9040	.9050
78	.8965	.8975	.8985	.8995	.9005	.9014	.9024	.9034	.9044	.9054
79	.8968	.8978	.8988	.8998	.9008	.9018	.9028	.9038	.9048	.9058
80	.8972	.8982	.8992	.9002	.9012	.9022	.9032	.9042	.9052	.9062
81	.8975	.8985	.8995	.9005	.9015	.9025	.9035	.9045	.9055	.9065
82	.8979	.8989	.8999	.9009	.9019	.9029	.9039	.9049	.9059	.9069
83	.8983	.8993	.9003	.9013	.9023	.9032	.9042	.9052	.9062	.9072
84	.8986	.8996	.9006	.9016	.9026	.9035	.9045	.9055	.9065	.9075
85	.8990	.9000	.9010	.9020	.9030	.9039	.9049	.9059	.9069	.9079
86	.8993	.9003	.9013	.9023	.9033	.9042	.9052	.9062	.9072	.9082
87	.8997	.9007	.9017	.9027	.9037	.9046	.9056	.9066	.9076	.9086
88	.9000	.9010	.9020	.9030	.9040	.9049	.9059	.9069	.9079	.9089
89	.9004	.9014	.9024	.9034	.9044	.9053	.9063	.9073	.9083	.9093
90	.9007	.9017	.9027	.9037	.9047	.9056	.9066	.9076	.9086	.9096
91	.9011	.9021	.9031	.9041	.9051	.9060	.9070	.9080	.9090	.9100
92	.9014	.9024	.9034	.9044	.9054	.9064	.9074	.9084	.9094	.9104
93	.9017	.9027	.9037	.9047	.9057	.9067	.9077	.9087	.9097	.9107
94	.9020	.9030	.9040	.9050	.9060	.9070	.9080	.9090	.9100	.9110
95	.9024	.9034	.9044	.9054	.9064	.9074	.9084	.9094	.9104	.9114
96	.9027	.9037	.9047	.9057	.9067	.9077	.9087	.9097	.9107	.9117
97	.9031	.9041	.9051	.9061	.9071	.9081	.9091	.9101	.9111	.9121
98	.9035	.9045	.9055	.9065	.9075	.9085	.9095	.9105	.9115	.9125
99	.9038	.9048	.9058	.9068	.9078	.9088	.9098	.9108	.9118	.9128
100	.9042	.9052	.9062	.9072	.9082	.9091	.9101	.9111	.9121	.9131
101	.9045	.9055	.9065	.9075	.9085	.9094	.9104	.9114	.9124	.9134
102	.9049	.9059	.9069	.9079	.9089	.9098	.9108	.9118	.9128	.9138
103	.9052	.9062	.9072	.9082	.9092	.9101	.9111	.9121	.9131	.9141
104	.9056	.9066	.9076	.9086	.9096	.9105	.9115	.9125	.9135	.9145
105	.9060	.9070	.9080	.9090	.9100	.9109	.9119	.9129	.9139	.9149
106	.9063	.9073	.9083	.9093	.9103	.9112	.9122	.9132	.9142	.9152
107	.9067	.9077	.9087	.9096	.9106	.9116	.9126	.9136	.9145	.9155
108	.9070	.9080	.9090	.9100	.9110	.9119	.9129	.9139	.9149	.9159
109	.9074	.9084	.9094	.9104	.9114	.9123	.9133	.9143	.9153	.9163
110	.9077	.9087	.9097	.9107	.9117	.9126	.9136	.9146	.9156	.9166
111	.9080	.9090	.9100	.9110	.9120	.9129	.9139	.9149	.9159	.9169
112	.9084	.9094	.9104	.9114	.9124	.9133	.9143	.9153	.9163	.9173
113	.9087	.9097	.9107	.9117	.9127	.9136	.9146	.9156	.9166	.9176
114	.9091	.9101	.9111	.9120	.9130	.9140	.9150	.9160	.9169	.9179
115	.9094	.9104	.9114	.9124	.9134	.9143	.9153	.9163	.9173	.9183
116	.9097	.9107	.9117	.9127	.9137	.9146	.9156	.9166	.9176	.9186
117	.9100	.9110	.9120	.9130	.9140	.9149	.9159	.9169	.9179	.9189
118	.9104	.9114	.9124	.9133	.9143	.9153	.9163	.9173	.9182	.9192
119	.9107	.9117	.9127	.9137	.9147	.9156	.9166	.9176	.9186	.9196
120	.9111	.9121	.9131	.9141	.9151	.9160	.9170	.9180	.9190	.9200
121	.9115	.9125	.9135	.9145	.9155	.9164	.9174	.9184	.9194	.9204
122	.9118	.9128	.9138	.9148	.9158	.9167	.9177	.9187	.9197	.9207
123	.9121	.9131	.9141	.9151	.9161	.9170	.9180	.9190	.9200	.9210
124	.9125	.9135	.9146	.9155	.9165	.9174	.9184	.9194	.9204	.9214
125	.9128	.9138	.9148	.9158	.9168	.9177	.9187	.9197	.9207	.9217
126	.9131	.9141	.9151	.9161	.9171	.9180	.9190	.9200	.9210	.9220
127	.9135	.9145	.9155	.9165	.9175	.9184	.9194	.9204	.9214	.9224
128	.9138	.9148	.9158	.9168	.9178	.9187	.9197	.9207	.9217	.9227
129	.9142	.9152	.9162	.9172	.9182	.9191	.9201	.9211	.9221	.9231

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.9146	0.9156	0.9166	0.9176	0.9186	0.9195	0.9205	0.9215	0.9225	0.9235
131	.9149	.9159	.9169	.9179	.9189	.9198	.9208	.9218	.9228	.9238
132	.9152	.9162	.9172	.9182	.9192	.9201	.9211	.9221	.9231	.9241
133	.9156	.9166	.9176	.9186	.9196	.9205	.9215	.9225	.9235	.9245
134	.9159	.9169	.9179	.9189	.9199	.9208	.9218	.9228	.9238	.9248
135	.9162	.9172	.9182	.9192	.9202	.9211	.9221	.9231	.9241	.9251
136	.9166	.9176	.9186	.9196	.9206	.9215	.9225	.9235	.9245	.9255
137	.9169	.9179	.9189	.9199	.9209	.9218	.9228	.9238	.9248	.9258
138	.9173	.9183	.9193	.9203	.9213	.9222	.9232	.9242	.9252	.9262
139	.9176	.9186	.9196	.9206	.9216	.9225	.9235	.9245	.9255	.9265
140	.9180	.9190	.9200	.9210	.9220	.9229	.9239	.9249	.9259	.9269
141	.9183	.9193	.9203	.9213	.9223	.9232	.9242	.9252	.9262	.9272
142	.9186	.9196	.9206	.9216	.9226	.9235	.9245	.9255	.9265	.9275
143	.9189	.9199	.9209	.9219	.9229	.9238	.9248	.9258	.9268	.9278
144	.9193	.9203	.9213	.9223	.9233	.9242	.9252	.9262	.9272	.9282
145	.9196	.9206	.9216	.9226	.9236	.9245	.9255	.9265	.9275	.9285
146	.9199	.9209	.9219	.9229	.9239	.9248	.9258	.9268	.9278	.9288
147	.9203	.9213	.9223	.9233	.9243	.9253	.9262	.9272	.9282	.9292
148	.9206	.9216	.9226	.9236	.9246	.9255	.9265	.9275	.9285	.9295
149	.9209	.9219	.9229	.9239	.9249	.9259	.9269	.9279	.9289	.9299
150	.9212	.9222	.9232	.9242	.9252	.9262	.9272	.9282	.9292	.9302
151	.9216	.9226	.9236	.9246	.9256	.9265	.9275	.9285	.9295	.9305
152	.9219	.9229	.9239	.9249	.9259	.9268	.9278	.9288	.9298	.9308
153	.9222	.9232	.9242	.9252	.9262	.9272	.9282	.9292	.9302	.9312
154	.9226	.9236	.9246	.9256	.9266	.9275	.9285	.9295	.9305	.9315
155	.9229	.9239	.9249	.9259	.9269	.9278	.9288	.9298	.9308	.9318
156	.9232	.9242	.9252	.9262	.9272	.9282	.9292	.9302	.9312	.9322
157	.9236	.9246	.9256	.9266	.9276	.9286	.9296	.9306	.9316	.9326
158	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330
159	.9243	.9253	.9263	.9273	.9283	.9293	.9303	.9313	.9323	9333
160	.9247	.9257	.9267	.9277	.9287	.9296	.9306	.9316	.9326	.9336
161	.9250	.9260	.9270	.9280	.9290	.9299	.9309	.9319	.9329	.9339
162	.9253	.9263	.9273	.9283	.9293	.9302	.9312	.9322	.9332	.9342
163	.9257	.9267	.9277	.9287	.9297	.9306	.9316	.9326	.9336	.9346
164	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330	.9340	.9350
165	.9264	.9274	.9284	.9294	.9304	.9313	.9323	.9333	.9343	.9353
166	.9267	.9277	.9287	.9297	.9307	.9316	.9326	.9336	.9346	.9356
167	.9271	.9281	.9291	.9301	.9311	.9320	.9330	.9340	.9350	.9360
168	.9274	.9284	.9294	.9304	.9314	.9323	.9333	.9343	.9353	.9363
169	.9278	.9288	.9298	.9308	.9318	.9327	.9337	.9347	.9357	.9367
170	.9281	.9291	.9301	.9311	.9321	.9330	.9340	.9350	.9360	.9370
171	.9284	.9294	.9304	.9314	.9324	.9333	.9343	.9353	.9363	.9373
172	.9287	.9297	.9307	.9317	.9327	.9336	.9346	.9356	.9366	.9376
173	.9290	.9300	.9310	.9320	.9330	.9339	.9349	.9359	.9369	.9379
174	.9294	.9304	.9314	.9324	.9334	.9343	.9353	.9363	.9373	.9383
175	.9298	.9308	.9318	.9327	.9337	.9347	.9357	.9367	.9376	.9386
176	.9301	.9311	.9321	.9331	.9341	.9350	.9360	.9370	.9380	.9390
177	.9305	.9315	.9325	.9334	.9344	.9354	.9364	.9374	.9383	.9393
178	.9308	.9318	.9328	.9337	.9347	.9357	.9367	.9377	.9386	.9396
179	.9311	.9321	.9331	.9340	.9350	.9360	.9370	.9380	.9389	.9399
180	.9315	.9325	.9335	.9344	.9354	.9364	.9374	.9384	.9393	.9403
181	.9318	.9328	.9338	.9347	.9357	.9367	.9377	.9387	.9396	.9406
182	.9321	.9331	.9341	.9350	.9360	.9370	.9380	.9390	.9399	.9409
183	.9324	.9334	.9344	.9353	.9363	.9373	.9383	.9393	.9402	.9412
184	.9327	.9337	.9347	.9356	.9366	.9376	.9386	.9396	.9405	.9415
185	.9330	.9340	.9350	.9360	.9370	.9379	.9389	.9399	.9409	.9419
186	.9333	.9343	.9353	.9363	.9373	.9382	.9392	.9402	.9412	.9422
187	.9336	.9346	.9356	.9366	.9376	.9385	.9395	.9405	.9415	.9425
188	.9340	.9350	.9360	.9370	.9380	.9389	.9399	.9409	.9419	.9429
189	.9343	.9353	.9363	.9373	.9383	.9392	.9402	.9412	.9422	.9432
190	.9346	.9356	.9366	.9376	.9386	.9395	.9405	.9415	.9425	.9435
191	.9350	.9360	.9370	.9380	.9390	.9399	.9409	.9419	.9429	.9439
192	.9353	.9363	.9373	.9383	.9393	.9402	.9412	.9422	.9432	.9442
193	.9356	.9366	.9376	.9386	.9396	.9405	.9415	.9425	.9435	.9445
194	.9360	.9370	.9380	.9390	.9400	.9409	.9419	.9429	.9439	.9449
195	.9363	.9373	.9383	.9393	.9403	.9412	.9422	.9432	.9442	.9452

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
0	0.8780	0.8790	0.8800	0.8810	0.8820	0.8831	0.8841	0.8851	0.8861	0.8871
1	.8784	.8794	.8804	.8814	.8824	.8835	.8845	.8855	.8865	.8875
2	.8789	.8799	.8809	.8819	.8829	.8839	.8849	.8859	.8869	.8879
3	.8793	.8803	.8813	.8823	.8833	.8843	.8853	.8863	.8873	.8883
4	.8797	.8807	.8817	.8827	.8837	.8847	.8857	.8867	.8877	.8887
5	.8801	.8811	.8821	.8831	.8841	.8851	.8861	.8871	.8881	.8891
6	.8804	.8814	.8824	.8834	.8844	.8855	.8865	.8875	.8885	.8895
7	.8808	.8818	.8828	.8838	.8848	.8859	.8869	.8879	.8889	.8899
8	.8811	.8821	.8831	.8841	.8851	.8862	.8872	.8882	.8892	.8902
9	.8815	.8825	.8835	.8845	.8855	.8866	.8876	.8886	.8896	.8906
10	.8819	.8829	.8839	.8849	.8859	.8870	.8880	.8890	.8900	.8910
11	.8823	.8833	.8843	.8853	.8863	.8873	.8883	.8893	.8903	.8913
12	.8826	.8836	.8846	.8856	.8866	.8877	.8887	.8897	.8907	.8917
13	.8830	.8840	.8850	.8860	.8870	.8881	.8891	.8901	.8911	.8921
14	.8834	.8844	.8854	.8864	.8874	.8884	.8894	.8904	.8914	.8924
15	.8838	.8848	.8858	.8868	.8878	.8888	.8898	.8908	.8918	.8928
16	.8842	.8852	.8862	.8872	.8882	.8892	.8902	.8912	.8922	.8932
17	.8845	.8855	.8865	.8875	.8885	.8895	.8905	.8915	.8925	.8935
18	.8849	.8859	.8869	.8879	.8889	.8899	.8909	.8919	.8929	.8939
19	.8853	.8863	.8873	.8883	.8893	.8903	.8913	.8923	.8933	.8943
20	.8856	.8866	.8876	.8886	.8896	.8906	.8916	.8926	.8936	.8946
21	.8860	.8870	.8880	.8890	.8900	.8910	.8920	.8930	.8940	.8950
22	.8863	.8873	.8883	.8893	.8903	.8914	.8924	.8934	.8944	.8954
23	.8867	.8877	.8887	.8897	.8907	.8917	.8927	.8937	.8947	.8957
24	.8870	.8880	.8890	.8900	.8910	.8921	.8931	.8941	.8951	.8961
25	.8874	.8884	.8894	.8904	.8914	.8924	.8934	.8944	.8954	.8964
26	.8878	.8888	.8898	.8908	.8918	.8928	.8938	.8948	.8958	.8968
27	.8882	.8892	.8902	.8912	.8922	.8932	.8942	.8952	.8962	.8972
28	.8886	.8896	.8906	.8916	.8926	.8936	.8946	.8956	.8966	.8976
29	.8889	.8899	.8909	.8919	.8929	.8940	.8950	.8960	.8970	.8980
30	.8893	.8903	.8913	.8923	.8933	.8943	.8953	.8963	.8973	.8983
31	.8896	.8906	.8916	.8926	.8936	.8947	.8957	.8967	.8977	.8987
32	.8900	.8910	.8920	.8930	.8940	.8950	.8960	.8970	.8980	.8990
33	.8903	.8913	.8923	.8933	.8943	.8954	.8964	.8974	.8984	.8994
34	.8907	.8917	.8927	.8937	.8947	.8957	.8967	.8977	.8987	.8997
35	.8911	.8921	.8931	.8941	.8951	.8961	.8971	.8981	.8991	.9001
36	.8915	.8925	.8935	.8945	.8955	.8965	.8975	.8985	.8995	.9005
37	.8918	.8928	.8938	.8948	.8958	.8968	.8978	.8988	.8998	.9008
38	.8922	.8932	.8942	.8952	.8962	.8972	.8982	.8992	.9002	.9012
39	.8925	.8935	.8945	.8955	.8965	.8975	.8985	.8995	.9005	.9015
40	.8929	.8939	.8949	.8959	.8969	.8979	.8989	.8999	.9009	.9019
41	.8932	.8942	.8952	.8962	.8972	.8982	.8992	.9002	.9012	.9022
42	.8936	.8946	.8956	.8966	.8976	.8986	.8996	.9006	.9016	.9026
43	.8940	.8950	.8960	.8970	.8980	.8990	.9000	.9010	.9020	.9030
44	.8943	.8953	.8963	.8973	.8983	.8993	.9003	.9013	.9023	.9033
45	.8947	.8957	.8967	.8977	.8987	.8997	.9007	.9017	.9027	.9037
46	.8950	.8960	.8970	.8980	.8990	.9000	.9010	.9020	.9030	.9040
47	.8954	.8964	.8974	.8984	.8994	.9004	.9014	.9024	.9034	.9044
48	.8957	.8967	.8977	.8987	.8997	.9007	.9017	.9027	.9037	.9047
49	.8961	.8971	.8981	.8991	.9001	.9011	.9021	.9031	.9041	.9051
50	.8964	.8974	.8984	.8994	.9004	.9014	.9024	.9034	.9044	.9054
51	.8968	.8978	.8988	.8998	.9008	.9018	.9028	.9038	.9048	.9058
52	.8972	.8982	.8992	.9002	.9012	.9022	.9032	.9042	.9052	.9062
53	.8975	.8985	.8995	.9005	.9015	.9025	.9035	.9045	.9055	.9065
54	.8979	.8989	.8999	.9009	.9019	.9029	.9039	.9049	.9059	.9069
55	.8982	.8992	.9002	.9012	.9022	.9032	.9042	.9052	.9062	.9072
56	.8986	.8996	.9006	.9016	.9026	.9036	.9046	.9056	.9066	.9076
57	.8990	.9000	.9010	.9020	.9030	.9040	.9050	.9060	.9070	.9080
58	.8993	.9003	.9013	.9023	.9033	.9043	.9053	.9063	.9073	.9083
59	.8997	.9007	.9017	.9027	.9037	.9047	.9057	.9067	.9077	.9087
60	.9000	.9010	.9020	.9030	.9040	.9050	.9060	.9070	.9080	.9090
61	.9004	.9014	.9024	.9034	.9044	.9054	.9064	.9074	.9084	.9094
62	.9007	.9017	.9027	.9037	.9047	.9057	.9067	.9077	.9087	.9097
63	.9010	.9020	.9030	.9040	.9050	.9060	.9070	.9080	.9090	.9100
64	.9014	.9024	.9034	.9044	.9054	.9064	.9074	.9084	.9094	.9104

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.9018	0.9028	0.9038	0.9048	0.9058	0.9068	0.9078	0.9088	0.9098	0.9108
66	.9022	.9032	.9042	.9052	.9062	.9071	.9081	.9091	.9101	.9111
67	.9025	.9035	.9045	.9055	.9065	.9075	.9085	.9095	.9105	.9115
68	.9029	.9039	.9049	.9059	.9069	.9078	.9088	.9098	.9108	.9118
69	.9032	.9042	.9052	.9062	.9072	.9082	.9092	.9102	.9112	.9122
70	.9036	.9046	.9056	.9066	.9076	.9086	.9096	.9106	.9116	.9126
71	.9039	.9049	.9059	.9069	.9079	.9089	.9099	.9109	.9119	.9129
72	.9043	.9053	.9063	.9073	.9083	.9093	.9103	.9113	.9123	.9133
73	.9047	.9057	.9067	.9077	.9087	.9097	.9107	.9117	.9127	.9137
74	.9050	.9060	.9070	.9080	.9090	.9100	.9110	.9120	.9130	.9140
75	.9054	.9064	.9074	.9084	.9094	.9104	.9114	.9124	.9134	.9144
76	.9057	.9067	.9077	.9087	.9097	.9107	.9117	.9127	.9137	.9147
77	.9060	.9070	.9080	.9090	.9100	.9110	.9120	.9130	.9140	.9150
78	.9064	.9074	.9084	.9094	.9104	.9114	.9124	9134	.9144	.9154
79	.9068	.9078	.9088	.9098	.9108	.9118	.9128	.9138	.9148	.9158
80	.9072	.9082	.9092	.9102	.9112	.9121	.9131	.9141	.9151	.9161
81	.9075	.9085	.9095	.9105	.9115	.9125	.9135	.9145	.9155	.9165
82	.9079	.9089	.9099	.9109	.9119	.9129	.9139	.9149	.9159	.9169
83	.9082	.9092	.9102	.9112	.9122	.9132	.9142	.9152	.9162	.9172
84	.9085	.9095	.9105	.9115	.9125	.9135	.9145	.9155	.9165	.9175
85	.9089	.9099	.9109	.9119	.9129	.9139	.9149	.9159	.9169	.9179
86	.9092	.9102	.9112	.9122	.9132	.9142	.9152	.9162	.9172	.9182
87	.9096	.9106	.9116	.9126	.9136	.9146	.9156	.9166	.9176	.9186
88	.9099	.9109	.9119	.9129	.9139	.9149	.9159	.9169	.9179	.9189
89	.9103	.9113	.9123	.9133	.9143	.9153	.9163	.9173	.9183	.9193
90	.9106	.9116	.9126	.9136	.9146	.9156	.9166	.9176	.9186	.9196
91	.9110	.9120	.9130	.9140	.9150	.9160	.9170	.9180	.9190	.9200
92	.9114	.9124	.9134	.9144	.9154	.9164	.9174	.9184	.9194	.9204
93	.9117	.9127	.9137	.9147	.9157	.9167	.9177	.9187	.9197	.9207
94	.9120	.9130	.9140	.9150	.9160	.9170	.9180	.9190	.9200	.9210
95	.9124	.9134	.9144	.9154	.9164	.9173	.9183	.9193	.9203	.9213
96	.9127	.9137	.9147	.9157	.9167	.9177	.9187	.9197	.9207	.9217
97	.9131	.9141	.9151	.9161	.9171	.9180	.9190	.9200	.9210	.9220
98	.9135	.9145	.9155	.9165	.9175	.9184	.9194	.9204	.9214	.9224
99	.9138	.9148	.9158	.9168	.9178	.9187	.9197	.9207	.9217	.9227
100	.9141	.9151	.9161	.9171	.9181	.9191	.9201	.9211	.9221	.9231
101	.9144	.9154	.9164	.9174	.9184	.9194	.9204	.9214	.9224	.9234
102	.9148	.9158	.9168	.9178	.9188	.9197	.9207	.9217	.9227	.9237
103	.9151	.9161	.9171	.9181	.9191	.9201	.9211	.9221	.9231	.9241
104	.9155	.9165	.9175	.9185	.9195	.9205	.9215	.9225	.9235	.9245
105	.9159	.9169	.9179	.9189	.9199	.9208	.9218	.9228	.9238	.9248
106	.9162	.9172	.9182	.9192	.9202	.9211	.9221	.9231	.9241	.9251
107	.9165	.9175	.9185	.9195	.9205	.9214	.9224	.9234	.9244	.9254
108	.9169	.9179	.9189	.9199	.9209	.9218	.9228	.9238	.9248	.9258
109	.9173	.9183	.9193	.9203	.9213	.9222	.9232	.9242	.9252	.9262
110	.9176	.9186	.9196	.9206	.9216	.9225	.9235	.9245	.9255	.9265
111	.9179	.9189	.9199	.9209	.9219	.9228	.9238	.9248	.9258	.9268
112	.9183	.9193	.9203	.9213	.9223	.9232	.9242	.9252	.9262	.9272
113	.9186	.9196	.9206	.9216	.9226	.9236	.9246	.9256	.9266	.9276
114	.9189	.9199	.9209	.9219	.9229	.9239	.9249	.9259	.9269	.9279
115	.9193	.9203	.9213	.9223	.9233	.9242	.9252	.9262	.9272	.9282
116	.9196	.9206	.9216	.9226	.9236	.9245	.9255	.9265	.9275	.9285
117	.9199	.9209	.9219	.9229	.9239	.9248	.9258	.9268	.9278	.9288
118	.9202	.9212	.9222	.9232	.9242	.9252	.9262	.9272	.9282	.9292
119	.9206	.9216	.9226	.9236	.9246	.9255	.9265	.9275	.9285	.9295
120	.9210	.9220	.9230	.9240	.9250	.9259	.9269	.9279	.9289	.9299
121	.9214	.9224	.9234	.9244	.9254	.9263	.9273	.9283	.9293	.9303
122	.9217	.9227	.9237	.9247	.9257	.9267	.9277	.9287	.9297	.9307
123	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310
124	.9224	.9234	.9244	.9254	.9264	.9273	.9283	.9293	.9303	.9313
125	.9227	.9237	.9247	.9257	.9267	.9276	.9286	.9296	.9306	.9316
126	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320
127	.9234	.9244	.9254	.9264	.9274	.9283	.9293	.9303	.9313	.9323
128	.9237	.9247	.9257	.9267	.9277	.9286	.9296	.9306	.9316	.9326
129	.9241	.9251	.9261	.9271	.9281	.9290	.9300	.9310	.9320	.9330

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
130	0.9245	0.9255	0.9265	0.9275	0.9285	0.9294	0.9304	0.9314	0.9324	0.9334
131	.9248	.9258	.9268	.9278	.9288	.9298	.9308	.9318	.9328	.9338
132	.9251	.9261	.9271	.9281	.9291	.9301	.9311	.9321	.9331	.9341
133	.9255	.9265	.9275	.9285	.9295	.9304	.9314	.9324	.9334	.9344
134	.9258	.9268	.9278	.9288	.9298	.9307	.9317	.9327	.9337	.9347
135	.9261	.9271	.9281	.9291	.9301	.9310	.9320	.9330	.9340	.9350
136	.9265	.9275	.9285	.9295	.9305	.9314	.9324	.9334	.9344	.9354
137	.9268	.9278	.9288	.9298	.9308	.9317	.9327	.9337	.9347	.9357
138	.9272	.9282	.9292	.9302	.9312	.9321	.9331	.9341	.9351	.9361
139	.9275	.9285	.9295	.9305	.9315	.9324	.9334	.9344	.9354	.9364
140	.9279	.9289	.9299	.9309	.9319	.9328	.9338	.9348	.9358	.9368
141	.9282	.9292	.9302	.9312	.9322	.9331	.9341	.9351	.9361	.9371
142	.9285	.9295	.9305	.9315	.9325	.9334	.9344	.9354	.9364	.9374
143	.9288	.9298	.9308	.9318	.9328	.9337	.9347	.9357	.9367	.9377
144	.9292	.9302	.9312	.9322	.9332	.9341	.9351	.9361	.9371	.9381
145	.9295	.9305	.9315	.9325	.9335	.9344	.9354	.9364	.9374	.9384
146	.9298	.9308	.9318	.9328	.9338	.9347	.9357	.9367	.9377	.9387
147	.9302	.9312	.9322	.9332	.9342	.9351	.9361	.9371	.9381	.9391
148	.9305	.9315	.9325	.9335	.9345	.9355	.9365	.9375	.9385	.9395
149	.9309	.9319	.9329	.9339	.9349	.9358	.9368	.9378	.9388	.9398
150	.9312	.9322	.9332	.9342	.9352	.9361	.9371	.9381	.9391	.9401
151	.9315	.9325	.9335	.9345	.9355	.9365	.9375	.9385	.9395	.9405
152	.9318	.9328	.9338	.9348	.9358	.9368	.9378	.9388	.9398	.9408
153	.9322	.9332	.9342	.9352	.9362	.9371	.9381	.9391	.9401	.9411
154	.9325	.9335	.9345	.9355	.9365	.9375	.9385	.9395	.9405	.9415
155	.9328	.9338	.9348	.9358	.9368	.9378	.9388	.9398	.9408	.9418
156	.9332	.9342	.9352	.9362	.9372	.9382	.9392	.9402	.9412	.9422
157	.9336	.9346	.9356	.9366	.9376	.9385	.9395	.9405	.9415	.9425
158	.9340	.9350	.9360	.9370	.9380	.9389	.9399	.9409	.9419	.9429
159	.9343	.9353	.9363	.9373	.9383	.9392	.9402	.9412	.9422	.9432
160	.9346	.9356	.9366	.9376	.9386	.9395	.9405	.9415	.9425	.9435
161	.9349	.9359	.9369	.9379	.9389	.9399	.9409	.9419	.9429	.9439
162	.9352	.9362	.9372	.9382	.9392	.9402	.9412	.9422	.9432	9442
163	.9356	.9366	.9376	.9386	.9396	.9405	.9415	.9425	.9435	.9445
164	.9360	.9370	.9380	.9390	.9400	.9409	.9419	.9429	.9439	.9449
165	.9363	.9373	.9383	.9393	.9403	.9412	.9422	.9432	.9442	.9452
166	.9366	.9376	.9386	.9396	.9406	.9415	.9425	.9435	.9445	.9455
167	.9370	.9380	.9390	.9400	.9410	.9419	.9429	.9439	.9449	.9459
168	.9373	.9383	.9393	.9403	.9413	.9422	.9432	.9442	.9452	.9462
169	.9377	.9387	.9397	.9407	.9417	.9426	.9436	.9446	.9456	.9466
170	.9380	.9390	.9400	.9410	.9420	.9429	.9439	.9449	.9459	.9469
171	.9383	.9393	.9403	.9413	.9423	.9432	.9442	.9452	.9462	.9472
172	.9386	.9396	.9406	.9416	.9426	.9435	.9445	.9455	.9465	.9475
173	.9389	.9399	.9409	.9419	.9429	.9438	.9448	.9458	.9468	.9478
174	.9393	.9403	.9413	.9423	.9433	.9442	.9452	.9462	.9472	.9482
175	.9396	.9406	.9416	.9426	.9436	.9445	.9455	.9465	.9475	.9485
176	.9400	.9410	.9420	.9430	.9440	.9449	.9459	.9469	.9479	.9489
177	.9403	.9413	.9423	.9433	.9443	.9452	.9462	.9472	.9482	.9492
178	.9406	.9416	.9426	.9436	.9446	.9455	.9465	.9475	.9485	.9495
179	.9409	.9419	.9429	.9439	.9449	.9458	.9468	.9478	.9488	.9498
180	.9413	.9423	.9433	.9442	.9452	.9462	.9472	.9482	.9491	.9501
181	.9416	.9426	.9436	.9445	.9455	.9465	.9475	.9485	.9494	.9504
182	.9419	.9429	.9439	.9449	.9459	.9468	.9478	.9488	.9498	.9508
183	.9422	.9432	.9442	.9452	.9462	.9471	.9481	.9491	.9501	.9511
184	.9425	.9435	.9445	.9455	.9465	.9474	.9484	.9494	.9504	.9514
185	.9429	.9439	.9449	.9458	.9468	.9478	.9488	.9498	.9507	.9517
186	.9432	.9442	.9452	.9461	.9471	.9481	.9491	.9501	.9510	.9520
187	.9435	.9445	.9455	.9465	.9475	.9484	.9494	.9504	.9514	.9524
188	.9439	.9449	.9459	.9468	.9478	.9488	.9498	.9508	.9517	.9527
189	.9442	.9452	.9462	.9471	.9481	.9491	.9501	.9511	.9520	9530
190	.9445	.9455	.9465	.9475	.9485	.9494	.9504	.9514	.9524	.9534
191	.9449	.9459	.9469	.9478	.9488	.9498	.9508	.9518	.9527	.9537
192	.9452	.9462	.9472	.9481	.9491	.9501	.9511	.9521	.9530	.9540
193	.9455	.9465	.9475	.9485	.9495	.9504	.9514	.9524	.9534	.9544
194	.9459	.9469	.9479	.9488	.9498	.9508	.9518	.9528	.9537	.9547
195	.9462	.9472	.9482	.9491	.9501	.9511	.9521	.9531	.9540	.9550

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.8881	0.8891	0.8901	0.8911	0.8921	0.8932	0.8942	0.8952	0.8962	0.8972
1	.8885	.8895	.8905	.8915	.8925	.8936	.8946	.8956	.8966	.8976
2	.8889	.8899	.8909	.8919	.8929	.8940	.8950	.8960	.8970	.8980
3	.8893	.8903	.8913	.8923	.8933	.8944	.8954	.8964	.8974	.8984
4	.8897	.8907	.8917	.8927	.8937	.8948	.8958	.8968	.8978	.8988
5	.8901	.8911	.8921	.8931	.8941	.8952	.8962	.8972	.8982	.8992
6	.8905	.8915	.8925	.8935	.8945	.8956	.8966	.8976	.8986	.8996
7	.8909	.8919	.8929	.8939	.8949	.8960	.8970	.8980	.8990	.9000
8	.8912	.8922	.8932	.8942	.8952	.8963	.8973	.8983	.8993	.9003
9	.8916	.8926	.8936	.8946	.8956	.8967	.8977	.8987	.8997	.9007
10	.8920	.8930	.8940	.8950	.8960	.8971	.8981	.8991	.9001	.9011
11	.8923	.8933	.8943	.8953	.8963	.8974	.8984	.8994	.9004	.9014
12	.8927	.8937	.8947	.8957	.8967	.8978	.8988	.8998	.9008	.9018
13	.8931	.8941	.8951	.8961	.8971	.8981	.8991	.9001	.9011	.9021
14	.8934	.8944	.8954	.8964	.8974	.8985	.8995	.9005	.9015	.9025
15	.8938	.8948	.8958	.8968	.8978	.8988	.8998	.9008	.9018	.9028
16	.8942	.8952	.8962	.8972	.8982	.8992	.9002	.9012	.9022	.9032
17	.8945	.8955	.8965	.8975	.8985	.8995	.9005	.9015	.9025	.9035
18	.8949	.8959	.8969	.8979	.8989	.8999	.9009	.9019	.9029	.9039
19	.8953	.8963	.8973	.8983	.8993	.9003	.9013	.9023	.9033	.9043
20	.8956	.8966	.8976	.8986	.8996	.9006	.9016	.9026	.9036	.9046
21	.8960	.8970	.8980	.8990	.9000	.9010	.9020	.9030	.9040	.9050
22	.8964	.8974	.8984	.8994	.9004	.9014	.9024	.9034	.9044	.9054
23	.8967	.8977	.8987	.8997	.9007	.9017	.9027	.9037	.9047	.9057
24	.8971	.8981	.8991	.9001	.9011	.9021	.9031	.9041	.9051	.9061
25	.8974	.8984	.8994	.9004	.9014	.9024	.9034	.9044	.9054	.9064
26	.8978	.8988	.8998	9008	.9018	.9028	.9038	.9048	.9058	.9068
27	.8982	.8992	9002	.9012	.9022	.9032	.9042	.9052	.9062	.9072
28	.8986	.8996	.9006	.9016	.9026	.9036	.9046	.9056	.9066	.9076
29	.8990	.9000	.9010	.9020	.9030	.9040	.9050	.9060	.9070	.9080
30	.8993	.9003	.9013	.9023	.9033	.9043	.9053	.9063	.9073	.9083
31	.8997	.9007	.9017	.9027	.9037	.9047	.9057	.9067	.9077	.9087
32	.9000	.9010	.9020	.9030	.9040	.9050	.9060	.9070	.9080	.9090
33	.9004	.9014	.9024	.9034	.9044	.9054	.9064	.9074	.9084	.9094
34	.9007	.9017	.9027	.9037	.9047	.9057	.9067	.9077	.9087	.9097
35	.9011	.9021	.9031	.9041	.9051	.9061	.9071	.9081	.9091	.9101
36	.9015	.9025	.9035	.9045	.9055	.9065	.9075	.9085	.9095	.9105
37	.9018	.9028	.9038	9048	.9058	.9068	.9078	.9088	.9098	.9108
38	.9022	.9032	.9042	.9052	.9062	.9072	.9082	.9092	.9102	.9112
39	.9025	.9035	.9045	.9055	.9065	.9075	.9085	9095	.9105	.9115
40	.9029	.9039	.9049	.9059	9069	9079	9089	.9099	.9109	.9119
41	.9032	.9042	.9052	.9062	.9072	.9082	.9092	.9102	.9112	.9122
42	.9036	.9046	.9056	.9066	.9076	.9086	.9096	.9106	.9116	.9126
43	.9040	.9050	.9060	.9070	.9080	.9090	.9100	.9110	.9120	.9130
44	.9043	.9053	.9063	.9073	9083	.9093	.9103	.9113	.9123	.9133
45	.9047	.9057	.9067	.9077	.9087	.9097	.9107	.9117	.9127	.9137
46	.9050	.9060	.9070	.9080	.9090	.9100	.9110	.9120	.9130	.9140
47	.9054	.9064	.9074	.9084	.9094	.9104	.9114	.9124	.9134	.9144
48	.9057	.9067	.9077	.9087	.9097	.9107	.9117	.9127	.9137	.9147
49	.9061	.9071	.9081	9091	.9101	.9111	.9121	.9131	.9141	.9151
50	.9064	.9074	.9084	.9094	.9104	.9114	.9124	.9134	.9144	.9154
51	.9068	.9078	.9088	.9098	.9108	.9118	.9128	.9138	.9148	.9158
52	.9072	.9082	.9092	.9102	.9112	.9122	.9132	.9142	.9152	.9162
53	.9075	.9085	.9095	.9105	.9115	9125	.9135	.9145	.9155	.9165
54	.9079	.9089	.9099	.9109	.9119	.9129	.9139	9149	.9159	.9169
55	.9082	.9092	.9102	9112	.9122	.9132	.9142	.9152	.9162	.9172
56	.9086	.9096	.9106	.9116	.9126	.9136	.9146	.9156	.9166	.9176
57	.9090	.9100	.9110	.9120	.9130	.9140	.9150	.9160	.9170	.9180
58	.9093	.9103	.9113	.9123	.9133	.9143	.9153	.9163	.9173	.9183
59	.9097	.9107	.9117	.9127	.9137	.9147	.9157	.9167	.9177	.9187
60	.9100	.9110	.9120	.9130	.9140	.9150	.9160	.9170	.9180	.9190
61	.9104	.9114	.9124	.9134	.9144	.9154	.9164	.9174	.9184	.9194
62	.9107	.9117	.9127	.9137	.9147	.9157	.9167	.9177	.9187	.9197
63	.9110	.9120	.9130	.9140	.9150	.9160	.9170	.9180	.9190	.9200
64	.9114	.9124	.9134	.9144	.9154	.9164	.9174	.9184	.9194	.9204

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.9118	0.9128	0.9138	0.9148	0.9158	0.9168	0.9178	0.9188	0.9198	0.9208
66	.9121	.9131	.9141	.9151	.9161	.9171	.9181	.9191	.9201	.9211
67	.9125	.9135	.9145	.9155	.9165	.9175	.9185	.9195	.9205	.9215
68	.9128	.9138	.9148	.9158	.9168	.9178	.9188	.9198	.9208	.9218
69	.9132	.9142	.9152	.9162	.9172	.9182	.9192	.9202	.9212	.9222
70	.9136	.9146	.9156	.9166	.9176	.9185	.9195	.9205	.9215	.9225
71	.9139	.9149	.9159	.9169	.9179	.9189	.9199	.9209	.9219	.9229
72	.9143	.9153	.9163	.9173	.9183	.9192	.9202	.9212	.9222	9232
73	.9147	.9157	.9167	.9177	.9187	.9196	.9206	.9216	.9226	.9236
74	9150	.9160	.9170	.9180	.9190	.9200	.9210	.9220	.9230	.9240
75	.9154	.9164	.9174	.9184	.9194	.9203	.9213	.9223	.9233	.9243
76	.9157	.9167	.9177	.9187	.9197	.9207	.9217	.9227	.9237	.9247
77	.9160	.9170	.9180	.9190	.9200	.9210	.9220	.9230	.9240	.9250
78	.9164	.9174	.9184	.9194	.9204	.9214	.9224	.9234	.9244	.9254
79	.9168	.9178	.9188	.9198	.9208	.9218	.9228	.9238	.9248	.9258
80	.9171	.9181	.9191	.9201	.9211	.9221	.9231	.9241	.9251	.9261
81	.9175	.9185	.9195	.9205	.9215	.9225	.9235	.9245	.9255	.9265
82	.9179	.9189	.9199	.9209	.9219	.9229	.9239	.9249	.9259	.9269
83	.9182	.9192	.9202	.9212	.9222	.9232	.9242	.9252	.9262	.9272
84	.9185	.9195	.9205	.9215	.9225	.9235	.9245	.9255	.9265	.9275
85	.9189	.9199	.9209	.9219	.9229	.9239	.9249	.9259	.9269	.9279
86	.9192	.9202	.9212	.9222	.9232	.9242	.9252	.9262	.9272	.9282
87	.9196	.9206	.9216	.9226	.9236	.9246	.9256	.9266	.9276	.9286
88	.9199	.9209	.9219	.9229	.9239	.9249	.9259	.9269	.9279	.9289
89	.9203	.9213	.9223	.9233	.9243	.9253	.9263	.9273	.9283	.9293
90	.9206	.9216	.9226	.9236	.9246	.9256	.9266	.9276	.9286	.9296
91	.9210	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300
92	.9214	.9224	.9234	.9244	.9254	.9264	.9274	.9284	.9294	.9304
93	.9217	.9227	.9237	.9247	.9257	.9267	.9277	.9287	.9297	.9307
94	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310
95	.9223	.9233	.9243	.9253	.9263	.9273	.9283	.9293	.9303	.9313
96	.9227	.9237	.9247	.9267	.9267	.9277	.9287	.9297	.9307	.9317
97	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320
98	.9234	.9244	.9254	.9264	.9274	.9284	.9294	.9304	.9314	.9324
99	.9237	.9247	.9257	.9267	.9277	.9287	.9297	.9307	.9317	.9327
100	.9241	.9251	.9261	.9271	.9281	.9290	.9300	.9310	.9320	.9330
101	.9244	.9254	.9264	.9274	.9284	.9294	.9304	.9314	.9324	.9334
102	.9247	.9257	.9267	.9277	.9287	.9297	.9307	.9317	.9327	.9337
103	.9251	.9261	.9271	.9281	.9291	.9301	.9311	.9321	.9331	.9341
104	.9255	.9265	.9275	.9285	.9295	.9304	.9314	.9324	.9334	.9344
105	.9258	.9268	.9278	.9288	.9298	.9307	.9317	.9327	.9337	.9347
106	.9261	.9271	.9281	.9291	.9301	.9310	.9320	.9330	.9340	.9350
107	.9264	.9274	.9284	.9294	.9304	.9313	.9323	.9333	.9343	.9353
108	.9268	.9278	.9288	.9298	.9308	.9317	.9327	.9337	.9347	.9357
109	.9272	.9282	.9292	.9302	.9312	.9321	.9331	.9341	.9351	.9361
110	.9275	.9285	.9295	.9305	.9315	.9324	.9334	.9344	.9354	.9364
111	.9278	.9288	.9298	.9308	.9318	.9327	.9337	.9347	.9357	.9367
112	.9282	.9292	.9302	.9312	.9322	.9331	.9341	.9351	.9361	.9371
113	.9286	.9296	.9306	.9316	.9326	.9335	.9345	.9355	.9365	.9375
114	.9289	.9299	.9309	.9319	.9329	.9338	.9348	.9358	.9368	.9378
115	.9292	.9302	.9312	.9322	.9332	.9341	.9351	.9361	.9371	.9381
116	.9295	.9305	.9315	.9325	.9335	.9344	.9354	.9364	.9374	.9384
117	.9298	.9308	.9318	.9328	.9338	.9347	.9357	.9367	.9377	.9387
118	.9302	.9312	.9322	.9332	.9342	.9351	.9361	.9371	.9381	.9391
119	.9305	.9315	.9325	.9335	.9345	.9354	.9364	.9374	.9384	.9394
120	.9309	.9319	.9329	.9339	.9349	.9358	.9368	.9378	.9388	.9398
121	.9313	.9323	.9333	.9343	.9353	.9362	.9372	.9382	.9392	.9402
122	.9317	.9327	.9337	.9347	.9357	.9366	.9376	.9386	.9396	.9406
123	.9320	.9330	.9340	.9350	.9360	.9369	.9379	.9389	.9399	.9409
124	.9323	.9333	.9343	.9353	.9363	.9372	.9382	.9392	.9402	.9412
125	.9326	.9336	.9346	.9356	.9366	.9375	.9385	.9395	.9405	.9415
126	.9330	.9340	.9350	.9360	.9370	.9379	.9389	.9399	.9409	.9419
127	.9333	.9343	.9353	.9363	.9373	.9382	.9392	.9402	.9412	.9422
128	.9336	.9346	.9356	.9366	.9376	.9385	.9395	.9405	.9415	.9425
129	.9340	.9350	.9360	.9370	.9380	.9389	.9399	.9409	.9419	.9429

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
130	0.9344	0.9354	0.9364	0.9374	0.9384	0.9393	0.9403	0.9413	0.9423	0.9433
131	.9348	.9358	.9368	.9378	.9388	.9397	.9407	.9417	.9427	.9437
132	.9351	.9361	.9371	.9381	.9391	.9400	.9410	.9420	.9430	.9440
133	.9354	.9364	.9374	.9384	.9394	.9403	.9413	9423	.9433	.9443
134	.9357	.9367	.9377	.9387	.9397	.9406	.9416	.9426	.9436	.9446
135	.9360	.9370	.9380	.9390	.9400	.9409	.9419	.9429	.9439	.9449
136	.9364	.9374	.9384	.9394	.9404	.9413	.9423	.9433	.9443	.9453
137	.9367	.9377	.9387	.9397	.9407	.9416	.9426	.9436	.9446	.9456
138	.9371	.9381	.9391	.9401	.9411	.9420	.9430	.9440	.9450	.9460
139	.9374	.9384	.9394	.9404	.9414	.9423	.9433	.9443	.9453	.9463
140	.9378	.9388	.9398	.9408	.9418	.9427	.9437	.9447	.9457	.9467
141	.9381	.9391	.9401	.9411	.9421	.9430	.9440	.9450	.9460	.9470
142	.9384	.9394	.9404	.9414	.9424	.9433	.9443	.9453	.9463	.9473
143	.9387	.9397	.9407	.9417	.9427	.9436	.9446	.9456	.9466	.9476
144	.9391	.9401	.9411	.9421	.9431	.9440	.9450	.9460	.9470	.9480
145	.9394	.9404	.9414	.9424	.9434	.9443	.9453	.9463	.9473	.9483
146	.9397	.9407	.9417	.9427	.9437	.9446	.9456	.9466	.9476	.9486
147	.9401	.9411	.9421	.9431	.9441	.9450	.9460	.9470	.9480	.9490
148	.9405	.9415	.9425	.9435	.9445	.9454	.9464	.9474	.9484	.9494
149	.9408	.9418	.9428	.9438	.9448	.9458	.9468	.9478	.9488	.9498
150	.9411	.9421	.9431	.9441	.9451	.9461	.9471	.9481	.9491	.9501
151	.9415	.9425	.9435	.9445	.9455	.9464	.9474	.9484	.9494	.9504
152	.9418	.9428	.9438	.9448	.9458	.9467	.9477	.9487	.9497	.9507
153	.9421	.9431	.9441	.9451	.9461	.9470	.9480	.9490	.9500	.9510
154	.9425	.9435	.9445	.9455	.9465	.9474	.9484	.9494	.9504	.9514
155	.9428	.9438	.9448	.9458	.9468	.9477	.9487	.9497	.9507	.9517
156	.9432	.9442	.9452	.9462	.9472	.9481	.9491	.9501	.9511	.9521
157	.9435	.9445	.9455	.9465	.9475	.9484	.9494	.9504	.9514	9524
158	.9439	.9449	.9459	.9469	.9479	.9488	.9498	.9508	.9518	.9528
159	.9442	.9452	.9462	.9472	.9482	.9491	.9501	.9511	.9521	.9531
160	.9445	.9455	.9465	.9475	.9485	.9495	.9505	.9515	.9525	.9535
161	.9449	.9459	.9469	.9479	.9489	.9498	.9508	.9518	.9528	.9538
162	.9452	.9462	.9472	.9482	.9492	.9501	.9511	.9521	.9531	.9541
163	.9455	.9465	.9475	.9485	.9495	.9504	.9514	.9524	.9534	9544
164	.9459	.9469	.9479	.9489	.9499	.9508	.9518	.9528	.9538	.9548
165	.9462	.9472	.9482	.9492	.9502	.9511	.9521	.9531	.9541	.9551
166	.9465	.9475	.9485	.9495	.9505	.9515	.9525	.9535	.9545	.9555
167	.9469	.9479	.9489	.9499	.9509	.9519	.9529	.9539	.9549	.9559
168	.9472	.9482	.9492	.9502	.9512	.9522	.9532	.9542	9552	.9562
169	.9476	.9486	.9496	.9506	.9516	.9525	.9535	.9545	.9555	.9565
170	.9479	.9489	.9499	.9509	.9519	.9528	.9538	.9548	.9558	.9568
171	.9482	.9492	.9502	.9512	.9522	.9531	.9541	.9551	.9561	.9571
172	.9485	.9495	.9505	.9515	.9525	.9534	.9544	.9554	.9564	.9574
173	.9488	.9498	.9508	.9518	.9528	.9537	.9547	.9557	.9567	.9577
174	.9492	.9502	.9512	.9522	.9532	.9541	.9551	.9561	.9571	.9581
175	.9495	.9505	.9515	.9525	.9535	.9544	.9554	.9564	.9574	.9584
176	.9499	.9509	.9519	.9529	.9539	.9548	.9558	.9568	.9578	.9588
177	.9502	.9512	.9522	.9532	.9542	.9551	.9561	.9571	.9581	.9591
178	.9505	.9515	.9525	.9535	.9545	.9554	.9564	.9574	.9584	.9594
179	.9508	.9518	.9528	.9538	.9548	.9557	.9567	.9577	.9587	.9597
180	.9511	.9521	.9531	.9541	.9551	.9560	.9570	.9580	.9590	.9600
181	.9514	.9524	.9534	.9544	.9554	.9563	.9573	.9583	.9593	.9603
182	.9518	.9528	.9538	.9548	.9558	.9567	.9577	.9587	.9597	.9607
183	.9521	.9531	.9541	.9551	.9561	.9570	.9580	.9590	.9600	.9610
184	.9524	.9534	.9544	.9554	.9564	.9573	.9583	.9593	.9603	.9613
185	.9527	.9537	.9547	.9557	.9567	.9576	.9586	.9596	.9606	.9616
186	.9530	.9540	.9550	.9560	.9570	.9579	.9589	.9599	.9609	.9619
187	.9534	.9544	.9554	.9564	.9574	.9583	.9593	.9603	.9613	.9623
188	.9537	.9547	.9557	.9567	.9577	.9586	.9596	.9606	.9616	.9626
189	.9540	.9550	.9560	.9570	.9580	.9589	.9599	.9609	.9619	.9629
190	.9544	.9554	.9564	.9574	.9584	.9593	.9603	.9613	.9623	.9633
191	.9547	.9557	.9567	.9577	.9587	.9596	.9606	.9616	.9626	.9636
192	.9550	.9560	.9570	.9580	.9590	.9599	.9609	.9619	.9629	.9639
193	.9554	.9564	.9574	.9584	.9594	.9603	.9613	.9623	.9633	.9643
194	.9557	.9567	.9577	.9587	.9597	.9606	.9616	.9626	.9636	.9646
195	.9560	.9570	.9580	.9590	.9600	.9609	.9619	.9629	.9639	.9649

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.8982	0.8992	0.9002	0.9012	0.9022	0.9033	0.9043	0.9053	0.9063	0.9073
1	.8986	.8996	.9006	.9016	.9026	.9037	.9047	.9057	.9067	.9077
2	.8990	.9000	.9010	.9020	.9030	.9041	.9051	.9061	.9071	.9081
3	.8994	.9004	.9014	.9024	.9034	.9045	.9055	.9065	.9075	.9085
4	.8998	.9008	.9018	.9028	.9038	.9049	.9059	.9069	.9079	.9089
5	.9002	.9012	.9022	.9032	.9042	.9052	.9062	.9072	.9082	.9092
6	.9006	.9016	.9026	.9036	.9046	.9056	.9066	.9076	.9086	.9096
7	.9010	.9020	.9030	.9040	.9050	.9060	.9070	.9080	.9090	.9100
8	.9013	.9023	.9033	.9043	.9053	.9063	.9073	.9083	.9093	.9103
9	.9017	.9027	.9037	.9047	.9057	.9067	.9077	.9087	.9097	.9107
10	.9021	.9031	.9041	.9051	.9061	.9071	.9081	.9091	.9101	.9111
11	.9024	.9034	.9044	.9054	.9064	.9074	.9084	.9094	.9104	.9114
12	.9028	.9038	.9048	.9058	.9068	.9078	.9088	.9098	.9108	.9118
13	.9031	.9041	.9051	.9061	.9071	.9081	.9091	.9101	.9111	.9121
14	.9035	.9045	.9055	.9065	.9075	.9085	.9095	.9105	.9115	.9125
15	.9038	.9048	.9058	.9068	.9078	.9088	.9098	.9108	.9118	.9128
16	.9042	.9052	.9062	.9072	.9082	.9092	.9102	.9112	.9122	.9132
17	.9045	.9055	.9065	.9075	.9085	.9095	.9105	.9115	.9125	.9135
18	.9049	.9059	.9069	.9079	.9089	.9099	.9109	.9119	.9129	.9139
19	.9053	.9063	.9073	.9083	.9093	.9103	.9113	.9123	.9133	.9143
20	.9056	.9066	.9076	.9086	.9096	.9106	.9116	.9126	.9136	.9146
21	.9060	.9070	.9080	.9090	.9100	.9110	.9120	.9130	.9140	.9150
22	.9064	.9074	.9084	.9094	.9104	.9114	.9124	.9134	.9144	.9154
23	.9067	.9077	.9087	.9097	.9107	.9117	.9127	.9137	.9147	.9157
24	.9071	.9081	.9091	9101	.9111	.9121	.9131	.9141	.9151	.9161
25	.9074	.9084	.9094	.9104	.9114	.9124	.9134	.9144	.9154	.9164
26	.9078	.9088	.9098	.9108	9118	.9128	.9138	.9148	.9158	.9168
27	.9082	.9092	.9102	.9112	.9122	.9132	.9142	.9152	.9162	.9172
28	.9086	.9096	.9106	.9116	.9126	.9136	.9146	.9156	.9166	.9176
29	.9090	.9100	.9110	.9120	.9130	.9140	.9150	.9160	.9170	.9180
30	.9093	.9103	.9113	.9123	.9133	.9143	.9153	.9163	.9173	.9183
31	.9097	.9107	.9117	9127	.9137	.9147	.9157	.9167	.9177	.9187
32	.9100	.9110	.9120	.9130	.9140	.9150	.9160	.9170	.9180	.9190
33	.9104	.9114	.9124	.9134	.9144	.9154	.9164	.9174	.9184	.9194
34	.9107	.9117	.9127	.9137	.9147	.9157	.9167	.9177	.9187	.9197
35	.9111	.9121	.9131	.9141	.9151	.9161	.9171	.9181	.9191	.9201
36	.9114	.9124	.9134	.9144	.9154	.9164	.9174	.9184	.9194	.9204
37	.9118	.9128	.9138	.9148	.9158	.9168	.9178	.9188	.9198	.9208
38	.9122	.9132	.9142	.9152	.9162	.9172	.9182	.9192	.9202	.9212
39	.9125	.9135	.9145	.9155	.9165	.9175	.9185	.9195	.9205	.9215
40	.9129	.9139	.9149	.9159	.9169	.9179	.9189	.9199	.9209	.9219
41	.9132	.9142	.9152	.9162	.9172	.9182	.9192	.9202	.9212	.9222
42	.9136	.9146	.9156	.9166	.9176	.9186	.9196	.9206	.9216	.9226
43	.9140	.9150	.9160	.9170	.9180	.9190	.9200	.9210	.9220	.9230
44	.9143	.9153	.9163	.9173	.9183	.9193	.9203	.9213	.9223	.9233
45	.9147	.9157	.9167	.9177	.9187	.9197	.9207	.9217	.9227	.9237
46	.9150	.9160	.9170	.9180	.9190	.9200	.9210	.9220	.9230	.9240
47	.9154	.9164	.9174	.9184	9194	.9204	.9214	.9224	.9234	.9244
48	.9157	.9167	.9177	.9187	.9197	.9207	.9217	.9227	.9237	.9247
49	.9161	.9171	.9181	9191	.9201	.9211	.9221	.9231	.9241	.9251
50	.9164	.9174	.9184	.9194	.9204	.9214	.9224	.9234	.9244	.9254
51	.9168	.9178	.9188	.9198	.9208	.9218	.9228	.9238	.9248	.9258
52	.9172	.9182	.9192	.9202	.9212	.9222	.9232	.9242	.9252	.9262
53	.9175	.9185	.9195	.9205	.9215	.9225	.9235	.9245	.9255	.9265
54	.9179	.9189	.9199	.9209	9219	.9229	.9239	.9249	.9259	.9269
55	.9182	.9192	.9202	.9212	.9222	.9232	.9242	.9252	.9262	.9272
56	.9186	.9196	.9206	.9216	.9226	.9236	.9246	.9256	.9266	.9276
57	.9190	.9200	.9210	.9220	.9230	.9240	.9250	.9260	.9270	.9280
58	.9193	.9203	.9213	.9223	.9233	.9243	.9253	.9263	.9273	.9283
59	.9197	.9207	.9217	.9227	.9237	.9247	.9257	.9267	.9277	.9287
60	.9200	.9210	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290
61	.9204	.9214	.9224	.9234	.9244	.9254	.9264	.9274	.9284	.9294
62	.9207	.9217	.9227	.9237	.9247	.9257	.9267	.9277	.9287	.9297
63	.9210	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300
64	.9214	.9224	.9234	.9244	.9254	.9264	.9274	.9284	.9294	.9304

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.9218	0.9228	0.9238	0.9248	0.9258	0.9268	0.9278	0.9288	0.9298	0.9308
66	.9221	.9231	.9241	.9251	.9261	.9271	.9281	.9291	.9301	.9311
67	.9225	.9235	.9245	.9255	.9265	.9275	.9285	.9295	.9305	.9315
68	.9228	.9238	.9248	.9258	.9268	.9278	.9288	.9298	.9308	.9318
69	.9232	.9242	.9252	.9262	.9272	.9282	.9292	.9302	.9312	.9322
70	.9235	.9245	.9255	.9265	.9275	.9285	.9295	.9305	.9315	.9325
71	.9239	.9249	.9259	.9269	.9279	.9289	.9299	.9309	.9319	.9329
72	.9242	.9252	.9262	.9272	.9282	.9292	.9302	.9312	.9322	.9332
73	.9246	.9256	.9266	.9276	.9286	.9296	.9306	.9316	.9326	.9336
74	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330	.9340
75	.9253	.9263	.9273	.9283	.9293	.9303	.9313	.9323	.9333	.9343
76	.9257	.9267	.9277	.9287	.9297	.9307	.9317	.9327	.9337	.9347
77	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330	.9340	.9350
78	.9264	.9274	.9284	.9294	.9304	.9314	.9324	.9334	.9344	.9354
79	.9268	.9278	.9288	.9298	.9308	.9317	.9327	.9337	.9347	.9357
80	.9271	.9281	.9291	.9301	.9311	.9320	.9330	.9340	.9350	.9360
81	.9275	.9285	.9295	.9305	.9315	.9324	.9334	.9344	.9354	.9364
82	.9279	.9289	.9299	.9309	.9319	.9328	.9338	.9348	.9358	.9368
83	.9282	.9292	.9302	.9312	.9322	.9331	.9341	.9351	.9361	.9371
84	.9285	.9295	.9305	.9315	.9325	.9335	.9345	.9355	.9365	.9375
85	.9289	.9299	.9309	.9319	.9329	.9339	.9349	.9359	.9369	.9379
86	.9292	.9302	.9312	.9322	.9332	.9342	.9352	.9362	.9372	.9382
87	.9296	.9306	.9316	.9326	.9336	.9346	.9356	.9366	.9376	.9386
88	.9299	.9309	.9319	.9329	.9339	.9349	.9359	.9369	.9379	.9389
89	.9303	.9313	.9323	.9333	.9343	.9353	.9363	.9373	.9383	.9393
90	.9306	.9316	.9326	.9336	.9346	.9356	.9366	.9376	.9386	.9396
91	.9310	.9320	.9330	.9340	.9350	.9360	.9370	.9380	.9390	.9400
92	.9314	.9324	.9334	.9344	.9354	.9363	.9373	.9383	.9393	.9403
93	.9317	.9327	.9337	.9347	.9357	.9367	.9377	.9387	.9397	.9407
94	.9320	.9330	.9340	.9350	.9360	.9370	.9380	.9390	.9400	.9410
95	.9323	.9333	.9343	.9353	.9363	.9373	.9383	.9393	.9403	.9413
96	.9327	.9337	.9347	.9357	.9367	.9377	.9387	.9397	.9407	.9417
97	.9330	.9340	.9350	.9360	.9370	.9380	.9390	.9400	.9410	.9420
98	.9334	.9344	.9354	.9364	.9374	.9384	.9394	.9404	.9414	.9424
99	.9337	.9347	.9357	.9367	.9377	.9387	.9397	.9407	.9417	.9427
100	.9340	.9350	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430
101	.9344	.9354	.9364	.9374	.9384	.9394	.9404	.9414	.9424	.9434
102	.9347	.9357	.9367	.9377	.9387	.9397	.9407	.9417	.9427	.9437
103	.9351	.9361	.9371	.9381	.9391	.9400	.9410	.9420	.9430	.9440
104	.9354	.9364	.9374	.9384	.9394	.9404	.9414	.9424	.9434	.9444
105	.9357	.9367	.9377	.9387	.9397	.9407	.9417	.9427	.9437	.9447
106	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430	.9440	.9450
107	.9363	.9373	.9383	.9393	.9403	.9413	.9423	.9433	.9443	.9453
108	.9367	.9377	.9387	.9397	.9407	.9417	.9427	.9437	.9447	.9457
109	.9371	.9381	.9391	.9401	.9411	.9420	.9430	.9440	.9450	.9460
110	.9374	.9384	.9394	.9404	.9414	.9424	.9434	.9444	.9454	.9464
111	.9377	.9387	.9397	.9407	.9417	.9427	.9437	.9447	.9457	.9467
112	.9381	.9391	.9401	.9411	.9421	.9431	.9441	.9451	.9461	.9471
113	.9385	.9395	.9405	.9415	.9425	.9435	.9445	.9455	.9465	.9475
114	.9388	.9398	.9408	.9418	.9428	.9438	.9448	.9458	.9468	.9478
115	.9391	.9401	.9411	.9421	.9431	.9441	.9451	.9461	.9471	.9481
116	.9394	.9404	.9414	.9424	.9434	.9444	.9454	.9464	.9474	.9484
117	.9397	.9407	.9417	.9427	.9437	.9447	.9457	.9467	.9477	.9487
118	.9401	.9411	.9421	.9431	.9441	.9450	.9460	.9470	.9480	.9490
119	.9404	.9414	.9424	.9434	.9444	.9454	9464	.9474	.9484	.9494
120	.9408	.9418	.9428	.9438	.9448	.9458	.9468	.9478	.9488	.9498
121	.9412	.9422	.9432	.9442	.9452	.9462	.9472	.9482	.9492	.9502
122	.9416	.9426	.9436	.9446	.9456	.9466	.9476	.9486	.9496	.9506
123	.9419	.9429	.9439	.9449	.9459	.9469	.9479	.9489	.9499	.9509
124	.9422	.9432	.9442	.9452	.9462	.9472	.9482	.9492	.9502	.9512
125	.9425	.9435	.9445	.9455	.9465	.9475	.9485	.9495	.9505	.9515
126	.9429	.9439	.9449	.9459	.9469	.9478	.9488	.9498	.9508	.9518
127	.9432	.9442	.9452	.9462	.9472	.9481	.9491	.9501	.9511	.9521
128	.9435	.9445	.9455	.9465	.9475	.9485	.9495	.9505	.9515	.9525
129	.9439	.9449	.9459	.9469	.9479	.9489	.9499	.9509	.9519	.9529

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
130	0.9443	0.9453	0.9463	0.9473	0.9483	0.9493	0.9503	0.9513	0.9523	0.9533
131	.9447	.9457	.9467	.9477	.9487	.9497	.9507	.9517	.9527	.9537
132	.9450	.9460	.9470	.9480	.9490	.9500	.9510	.9520	.9530	.9540
133	.9453	.9463	.9473	.9483	.9493	.9503	.9513	.9523	.9533	.9543
134	.9456	.9466	.9476	.9486	.9496	.9506	.9516	.9526	.9536	.9546
135	.9459	.9469	.9479	.9489	.9499	.9509	.9519	.9529	.9539	.9549
136	.9463	.9473	.9483	.9493	.9503	.9512	.9522	.9532	.9542	.9552
137	.9466	.9476	.9486	.9496	.9506	.9515	.9525	.9535	.9545	.9555
138	.9470	.9480	.9490	.9500	.9510	.9519	.9529	.9539	.9549	.9559
139	.9473	.9483	.9493	.9503	.9513	.9523	.9533	.9543	.9553	.9563
140	.9477	.9487	.9497	.9507	.9517	.9527	.9537	.9547	.9557	.9567
141	.9480	.9490	.9500	.9510	.9520	.9530	.9540	.9550	.9560	.9570
142	.9483	.9493	.9503	.9513	.9523	.9533	.9543	.9553	.9563	.9573
143	.9486	.9496	.9506	.9516	.9526	.9536	.9546	.9556	.9566	.9576
144	.9490	.9500	.9510	.9520	.9530	.9539	.9549	.9559	.9569	.9579
145	.9493	.9503	.9513	.9523	.9533	.9542	.9552	.9562	.9572	.9582
146	.9496	.9506	.9516	.9526	.9536	.9545	.9555	.9565	.9575	.9585
147	.9500	.9510	.9520	.9530	.9540	.9549	.9559	.9569	.9579	.9589
148	.9504	.9514	.9524	.9534	.9544	.9553	.9563	.9573	.9583	.9593
149	.9508	.9518	.9528	.9538	.9548	.9557	.9567	.9577	.9587	.9597
150	.9511	.9521	.9531	.9541	.9551	.9560	.9570	.9580	.9590	.9600
151	.9514	.9524	.9534	.9544	.9554	.9564	.9574	.9584	.9594	.9604
152	.9517	.9527	.9537	.9547	.9557	.9567	.9577	.9587	.9597	.9607
153	.9520	.9530	9540	.9550	.9560	.9570	.9580	.9590	.9600	.9610
154	.9524	.9534	.9544	.9554	.9564	.9573	.9583	.9593	.9603	.9613
155	.9527	.9537	.9547	.9557	.9567	.9577	.9587	.9597	.9607	.9617
156	.9531	.9541	.9551	.9561	.9571	.9581	.9591	.9601	.9611	.9621
157	.9534	.9544	.9554	.9564	.9574	.9584	.9594	.9604	.9614	.9624
158	.9538	.9548	.9558	.9568	.9578	.9588	.9598	.9608	.9618	.9628
159	.9541	.9551	.9561	.9571	.9581	.9591	.9601	.9611	.9621	.9631
160	.9545	.9555	.9565	.8575	.9585	.9594	.9604	.9614	.9624	.9634
161	.9548	.9558	.9568	.9578	.9588	.9598	.9608	.9618	.9628	.9638
162	.9551	.9561	.9571	.9581	.9591	.9601	.9611	.9621	.9631	.9641
163	.9554	.9564	.9574	.9584	.9594	.9604	.9614	.9624	.9634	.9644
164	.9558	.9568	.9578	.9588	.9598	.9607	.9617	.9627	.9637	.9647
165	.9561	.9571	.9581	.9591	.9601	.9611	.9621	.9631	.9641	.9651
166	.9565	.9575	.9585	.9595	.9605	.9614	.9624	.9634	.9644	.9654
167	.9569	.9579	.9589	.9599	.9609	.9618	.9628	.9638	.9648	.9658
168	.9572	.9582	.9592	.9602	.9612	.9621	.9631	.9641	.9651	.9661
169	.9575	.9585	.9595	.9605	.9615	.9624	.9634	.9644	.9654	.9664
170	.9578	.9588	.9598	.9608	.9618	.9627	.9637	.9647	.9657	.9667
171	.9581	.9591	.9601	.9611	.9621	.9631	.9641	.9651	.9661	.9671
172	.9584	.9594	.9604	.9614	.9624	.9634	.9644	.9654	.9664	.9674
173	.9587	.9597	.9607	.9617	.9627	.9637	.9647	.9657	.9667	.9677
174	.9591	.9601	.9611	.9621	.9631	.9640	.9650	.9660	.9670	.9680
175	.9594	.9604	.9614	.9624	.9634	.9643	.9653	.9663	.9673	.9683
176	.9598	.9608	.9618	.9628	.9638	.9647	.9657	.9667	.9677	.9687
177	.9601	.9611	.9621	.9631	.9641	.9650	.9660	.9670	.9680	.9690
178	.9604	.9614	.9624	.9634	.9644	.9653	.9663	.9673	.9683	.9693
179	.9607	.9617	.9627	.9637	.9647	.9656	.9666	.9676	.9686	.9696
180	.9610	.9620	.9630	.9640	.9650	.9659	.9669	.9679	.9689	.9699
181	.9613	.9623	.9633	.9643	.9653	.9662	.9672	.9682	.9692	.9702
182	.9617	.9627	.9637	.9647	.9657	.9666	.9676	.9686	.9696	.9706
183	.9620	.9630	.9640	.9650	.9660	.9669	.9679	.9689	.9699	.9709
184	.9623	.9633	.9643	.9653	.9663	.9672	.9682	.9692	.9702	.9712
185	.9626	.9636	.9646	.9656	.9666	.9675	.9685	.9695	.9705	.9715
186	.9629	.9639	.9649	.9659	.9669	.9678	.9688	.9698	.9708	.9718
187	.9633	.9643	.9653	.9663	.9673	.9682	.9692	.9702	.9712	.9722
188	.9636	.9646	.9656	.9666	.9676	.9685	.9695	.9705	.9715	.9725
189	.9639	.9649	.9659	.9669	.9679	.9688	.9698	.9708	.9718	.9728
190	.9643	.9653	.9663	.9672	.9682	.9692	.9702	.9712	.9721	.9731
191	.9646	.9656	.9666	.9676	.9686	.9695	.9705	.9715	.9725	.9735
192	.9649	.9659	.9669	.9679	.9689	.9698	.9708	.9718	.9728	.9738
193	.9653	.9663	.9673	.9683	.9693	.9702	.9712	.9722	.9732	.9742
194	.9656	.9666	.9676	.9686	.9696	.9705	.9715	.9725	.9735	.9745
195	.9659	.9669	.9679	.9689	.9699	.9708	.9718	.9728	.9738	.9748

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.9083	0.9093	0.9103	0.9113	0.9123	0.9134	0.9144	.9154	0.9164	0.9174
1	.9087	.9097	.9107	.9117	.9127	.9138	.9148	.9158	.9168	.9178
2	.9091	.9101	.9111	.9121	.9131	.9142	.9152	.9162	.9172	.9182
3	.9095	.9105	.9115	.9125	.9135	.9146	.9156	.9166	.9176	.9186
4	.9099	.9109	.9119	.9129	.9139	.9150	.9160	9170	.9180	.9190
5	.9102	.9112	.9122	.9132	.9142	.9153	.9163	.9173	.9183	.9193
6	.9106	.9116	.9126	.9136	.9146	.9157	.9167	.9177	.9187	.9197
7	.9110	.9120	.9130	.9140	.9150	.9160	.9170	.9180	.9190	.9200
8	.9113	.9123	.9133	.9143	.9153	.9163	.9173	.9183	.9193	.9203
9	.9117	.9127	.9137	.9147	.9157	.9167	.9177	.9187	.9197	.9207
10	.9121	.9131	.9141	.9151	.9161	.9171	.9181	.9191	.9201	.9211
11	.9124	.9134	.9144	.9154	.9164	.9174	.9184	.9194	.9204	.9214
12	.9128	.9138	.9148	.9158	.9168	.9178	.9188	.9198	.9208	.9218
13	.9131	.9141	.9151	.9161	.9171	.9181	.9191	.9201	.9211	.9221
14	.9135	.9145	.9155	.9165	.9175	.9185	.9195	.9205	.9215	.9225
15	.9138	.9148	.9158	.9168	.9178	.9188	.9198	.9208	.9218	.9228
16	.9142	.9152	.9162	.9172	.9182	.9192	.9202	.9212	.9222	.9232
17	.9145	.9155	.9165	.9175	.9185	.9195	.9205	.9215	.9225	.9235
18	.9149	.9159	.9169	.9179	.9189	.9199	.9209	.9219	.9229	.9239
19	.9153	.9163	.9173	.9183	.9193	.9203	.9213	.9223	.9233	.9243
20	.9156	.9166	.9176	.9186	.9196	.9206	.9216	.8226	.9236	.9246
21	.9160	.9170	.9180	.9190	.9200	.9210	.9220	.9230	.9240	.9250
22	.9164	.9174	.9184	.9194	.9204	.9214	.9224	.9234	.9244	.9254
23	.9167	.9177	.9187	.9197	.9207	.9217	.9227	.9237	.9247	.9257
24	.9171	.9181	.9191	.9201	.9211	.9221	.9231	.9241	.9251	.9261
25	.9174	.9184	.9194	.9204	.9214	.9224	.9234	.9244	.9254	.9264
26	.9178	.9188	.9198	.9208	.9218	.9228	.9238	.9248	.9258	.9268
27	.9182	.9192	.9202	.9212	.9222	.9232	.9242	.9252	.9262	.9272
28	.9186	.9196	.9206	.9216	.9226	.9236	.9246	.9256	.9266	.9276
29	.9190	.9200	.9210	.9220	.9230	.9240	.9250	.9260	.9270	.9280
30	.9193	.9203	.9213	.9223	.9233	.9243	.9253	.9263	.9273	.9283
31	.9197	.9207	.9217	.9227	.9237	.9247	.9257	.9267	.9277	.9287
32	.9200	.9210	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290
33	.9204	.9214	.9224	.9234	.9244	.9254	.9264	.9274	.9284	.9294
34	.9207	.9217	.9227	.9237	.9247	.9257	.9267	.9277	.9287	.9297
35	.9211	.9221	.9231	.9241	.9251	.9261	.9271	.9281	.9291	.9301
36	.9214	.9224	.9234	.9244	.9254	.9264	.9274	.9284	.9294	.9304
37	.9218	.9228	.9238	.9248	.9258	.9268	.9278	9288	.9298	.9308
38	.9222	.9232	.9242	.9252	.9262	.9272	.9282	.9292	.9302	.9312
39	.9225	.9235	.9245	.9255	.9265	.9275	.9285	.9295	.9305	.9315
40	.9229	.9239	.9249	.9259	.9269	.9277	.9289	.9299	.9309	.9319
41	.9232	.9242	.9252	.9262	.9272	.9282	.9292	.9302	.9312	.9322
42	.9236	.9246	.9256	.9266	.9276	.9286	.9296	.9306	.9316	.9326
43	.9240	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330
44	.9243	.9253	.9263	.9273	.9283	.9293	.9303	.9313	.9323	.9333
45	.9247	.9257	.9267	.9277	.9287	.9297	.9307	.9317	.9327	.9337
46	.9250	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330	.9340
47	.9254	.9264	.9274	.9284	.9294	.9304	.9314	.9324	.9334	.9344
48	.9257	.9267	.9277	.9287	.9297	.9307	.9317	.9327	.9337	.9347
49	.9261	.9271	.9281	.9291	.9301	.9311	.9321	.9331	.9341	.9351
50	.9264	.9374	.9284	.9294	.9304	.9315	.9325	.9335	.9345	.9355
51	.9268	.9278	.9288	.9298	.9308	.9318	.9328	.9338	.9348	.9358
52	.9272	.9282	.9292	.9302	.9312	.9322	.9332	.9342	.9352	.9362
53	.9275	.9285	.9295	.9305	.9315	.9325	.9335	.9345	.9355	.9365
54	.9279	.9289	.9299	.9309	.9319	.9329	.9339	.9349	.9359	.9369
55	.9282	.9292	.9302	.9312	.9322	.9332	.9342	.9352	.9362	.9372
56	.9286	.9296	.9306	.9316	.9326	.9336	.9346	.9356	.9366	.9376
57	.9290	.9300	.9310	.9320	.9330	.9340	.9350	.9360	.9370	.9380
58	.9293	.9303	.9313	.9323	.9333	.9343	.9353	.9363	.9373	.9383
59	.9297	.9307	.9317	.9327	.9337	.9347	.9357	.9367	.9377	.9387
60	.9300	.9310	9320	.9330	.9340	.9350	.9360	.9370	.9380	.9390
61	.9304	.9314	.9324	.9334	.9344	.9354	.9364	.9374	.9384	.9394
62	.9307	.9317	.9327	.9337	.9347	.9357	.9367	.9377	.9387	.9397
63	.9310	.9320	.9330	.9340	.9350	.9360	.9370	.9380	.9390	.9400
64	.9314	.9324	.9334	.9344	.9354	.9364	.9374	.9384	.9394	.9404

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.9318	0.9328	0.9338	0.9348	0.9358	0.9368	0.9378	0.9388	0.9398	0.9408
66	.9321	.9331	.9341	.9351	.9361	.9371	.9381	.9391	.9401	.9411
67	.9325	.9335	.9345	.9355	.9365	.9375	.9385	.9395	.9405	.9415
68	.9328	.9338	.9348	.9358	.9368	.9378	.9388	.9398	.9408	.9418
69	.9332	.9342	.9352	.9362	.9372	.9382	.9392	.9402	.9412	.9422
70	.9335	.9345	.9355	.9365	.9375	.9385	.9395	.9405	.9415	.9425
71	.9339	.9349	.9359	.9369	.9379	.9389	.9399	.9409	.9419	.9429
72	.9342	.9352	.9362	.9372	.9382	.9392	.9402	.9412	.9422	.9432
73	.9346	.9356	.9366	.9376	.9386	.9396	.9406	.9416	.9426	.9436
74	.9350	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430	.9440
75	.9353	.9363	.9373	.9383	.9393	.9403	.9413	.9423	.9433	.9443
76	.9357	.9367	.9377	.9387	.9397	.9406	.9416	.9426	.9436	.9446
77	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430	.9440	.9450
78	.9364	.9374	.9384	.9394	.9404	.9413	.9423	.9433	.9443	.9453
79	.9367	.9377	.9387	.9397	.9407	.9416	.9426	.9436	.9446	.9456
80	.9370	.9380	.9390	.9400	.9410	.9420	.9430	.9440	.9450	.9460
81	.9374	.9384	.9394	.9404	.9414	.9424	.9434	.9444	.9454	.9464
82	.9378	.9388	.9398	.9408	.9418	.9427	.9437	.9447	.9457	.9467
83	.9381	.9391	.9401	.9411	.9421	.9431	.9441	.9451	.9461	.9471
84	.9385	.9395	.9405	.9415	.9425	.9435	.9445	.9455	.9465	.9475
85	.9389	.9399	.9409	.9419	.9429	.9438	.9448	.9458	.9468	.9478
86	.9392	.9402	.9412	.9422	.9432	.9441	.9451	.9461	.9471	.9481
87	.9396	.9406	.9416	.9426	.9436	.9445	.9455	.9465	.9475	.9485
88	.9399	.9409	.9419	.9429	.9439	.9449	.9459	.9469	.9479	.9489
89	.9403	.9413	.9423	.9433	.9443	.9452	.9462	.9472	.9482	.9492
90	.9406	.9416	.9426	.9436	.9446	.9455	.9465	.9475	.9485	.9495
91	.9410	.9420	.9430	.9440	.9450	.9459	.9469	.9479	.9489	.9499
92	.9413	.9423	.9433	.9443	.9453	.9463	.9473	.9483	.9493	.9503
93	.9417	.9427	.9437	.9447	.9457	.9466	.9476	.9486	.9496	.9506
94	.9420	.9430	.9440	.9450	.9460	.9469	.9479	.9489	.9499	.9509
95	.9423	.9433	.9443	.9453	.9463	.9473	.9483	.9493	.9503	.9513
96	.9427	.9437	.9447	.9457	.9467	.9476	.9486	.9496	.9506	.9516
97	.9430	.9440	.9450	.9460	.9470	.9479	.9489	.9499	.9509	.9519
98	.9434	.9444	.9454	.9464	.9474	.9483	.9493	.9503	.9513	.9523
99	.9437	.9447	.9457	.9467	.9477	.9486	.9496	.9506	.9516	.9526
100	.9440	.9450	.9460	.9470	.9480	.9490	.9500	.9510	.9520	.9530
101	.9444	.9454	.9464	.9474	.9484	.9493	.9503	.9513	.9523	.9533
102	.9447	.9457	.9467	.9477	.9487	.9496	.9506	.9516	.9526	.9536
103	.9450	.9460	.9470	.9480	.9490	.9500	.9510	.9520	.9530	.9540
104	.9454	.9464	.9474	.9484	.9494	.9504	.9514	.9524	.9534	.9544
105	.9457	.9467	.9477	.9487	.9497	.9507	.9517	.9527	.9537	.9547
106	.9460	.9470	.9480	.9490	.9500	.9510	.9520	.9530	.9540	.9550
107	.9463	.9473	.9483	.9493	.9503	.9513	.9523	.9533	.9543	.9553
108	.9467	.9477	.9487	.9497	.9507	.9517	.9527	.9537	.9547	.9557
109	.9470	.9480	.9490	.9500	.9510	.9520	.9530	.9540	.9550	.9560
110	.9474	.9484	.9494	.9504	.9514	.9524	.9534	.9544	.9554	.9564
111	.9477	.9487	.9497	.9507	.9517	.9527	.9537	.9547	.9557	.9567
112	.9481	.9491	.9501	.9511	.9521	.9531	.9541	.9551	.9561	.9571
113	.9485	.9495	.9505	.9515	.9525	.9534	.9544	.9554	.9564	.9574
114	.9488	.9498	.9508	.9518	.9528	.9537	.9547	.9557	.9567	.9577
115	.9491	.9501	.9511	.9521	.9531	.9540	.9550	.9560	.9570	.9580
116	.9494	.9504	.9514	.9524	.9534	.9544	.9554	.9564	.9574	.9584
117	.9497	.9507	.9517	.9527	.9537	.9547	.9557	.9567	.9577	.9587
118	.9500	.9510	.9520	.9530	.9540	.9550	.9560	.9570	.9580	.9590
119	.9504	.9514	.9524	.9534	.9544	.9554	.9564	.9574	.9584	.9594
120	.9508	.9518	.9528	.9538	.9548	.9557	.9567	.9577	.9587	.9597
121	.9512	.9522	.9532	.9542	.9552	.9561	.9571	.9581	.9591	.9601
122	.9516	.9526	.9536	.9546	.9556	.9565	.9575	.9585	.9595	.9605
123	.9519	.9529	.9539	.9549	.9559	.9569	.9579	.9589	.9599	.9609
124	.9522	.9532	.9542	.9552	.9562	.9572	.9582	.9592	.9602	.9612
125	.9525	.9535	.9545	.9555	.9565	.9575	.9585	.9595	.9605	.9615
126	.9528	.9538	.9548	.9558	.9568	.9578	.9588	.9598	.9608	.9618
127	.9531	.9541	.9551	.9561	.9571	.9581	.9591	.9601	.9611	.9621
128	.9535	.9545	.9555	.9565	.9575	.9585	.9595	.9605	.9615	.9625
129	.9539	.9549	.9559	.9569	.9579	.9589	.9599	.9609	.9619	.9629

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.9543	0.9553	0.9563	0.9573	0.9583	0.9592	0.9602	0.9612	0.9622	0.9632
131	.9547	.9557	.9567	.9577	.9587	.9596	.9606	.9616	.9626	.9636
132	.9550	.9560	.9570	.9580	.9590	.9599	.9609	.9619	.9629	.9639
133	.9553	.9563	.9573	.9583	.9593	.9602	.9612	.9622	.9632	.9642
134	.9556	.9566	.9576	.9586	.9596	.9605	.9615	.9625	.9635	.9645
135	.9559	.9569	.9579	.9589	.9599	.9609	.9619	.9629	.9639	.9649
136	.9562	.9572	.9582	.9592	.9602	.9612	.9622	.9632	.9642	.9652
137	.9565	.9575	.9585	.9595	.9605	.9615	.9625	.9635	.9645	.9655
138	.9569	.9579	.9589	.9599	.9609	.9619	.9629	.9639	.9649	.9659
139	.9573	.9583	.9593	.9603	.9613	.9623	.9633	.9643	.9653	.9663
140	.9577	.9587	.9597	.9607	.9617	.9626	.9636	.9646	.9656	.9666
141	.9580	.9590	.9600	.9610	.9620	.9630	.9640	.9650	.9660	.9670
142	.9583	.9593	.9603	.9613	.9623	.9633	.9643	.9653	.9663	.9673
143	.9586	.9596	.9606	.9616	.9626	.9636	.9646	.9656	.9666	.9676
144	.9589	.9599	.9609	.9619	.9629	.9639	.9649	.9659	.9669	.9679
145	.9592	.9602	.9612	.9622	.9632	.9642	.9652	.9662	.9672	.9682
146	.9595	.9605	.9615	.9625	.9635	.9645	.9655	.9665	.9675	.9685
147	.9599	.9609	.9619	.9629	.9639	.9649	.9659	.9669	.9679	.9689
148	.9603	.9613	.9623	.9633	.9643	.9653	.9663	.9673	.9683	.9693
149	.9607	.9617	.9627	.9637	.9647	.9656	.9666	.9676	.9686	.9696
150	.9610	.9620	.9630	.9640	.9650	.9660	.9670	.9680	.9690	.9700
151	.9614	.9624	.9634	.9644	.9654	.9663	.9673	.9683	.9693	.9703
152	.9617	.9627	.9637	.9647	.9657	.9666	.9676	.9686	.9696	.9706
153	.9620	.9630	.9640	.9650	.9660	.9670	.9680	.9690	.9700	.9710
154	.9623	.9633	.9643	.9653	.9663	.9673	.9683	.9693	.9703	.9713
155	.9627	.9637	.9647	.9657	.9667	.9676	.9686	.9696	.9706	.9716
156	.9631	.9641	.9651	.9661	.9671	.9680	.9690	.9700	.9710	.9720
157	.9634	.9644	.9654	.9664	.9674	.9684	.9694	.9704	.9714	.9724
158	.9638	.9648	.9658	.9668	.9678	.9687	.9697	.9707	.9717	.9727
159	.9641	.9651	.9661	.9671	.9681	.9690	.9700	.9710	.9720	.9730
160	.9644	.9654	.9664	.9674	.9684	.9694	.9704	.9714	.9724	.9734
161	.9648	.9658	.9668	.9678	.9688	.9697	.9707	.9717	.9727	.9737
162	.9651	.9661	.9671	.9681	.9691	.9700	.9710	.9720	.9730	.9740
163	.9654	.9664	.9674	.9684	.9694	.9703	.9713	.9723	.9733	.9743
164	.9657	.9667	.9677	.9687	.9697	.9706	.9716	.9726	.9736	.9746
165	.9661	.9671	.9681	.9691	.9701	.9710	.9720	.9730	.9740	.9750
166	.9664	.9674	.9684	.9694	.9704	.9713	.9723	.9733	.9743	.9753
167	.9668	.9678	.9688	.9698	.9708	.9717	.9727	.9737	.9747	.9757
168	.9671	.9681	.9691	.9701	.9711	.9720	.9730	.9740	.9750	.9760
169	.9674	.9684	.9694	.9704	.9714	.9723	.9733	.9743	.9753	.9763
170	.9677	.9687	.9697	.9707	.9717	.9726	.9736	.9746	.9756	.9766
171	.9681	.9691	.9701	.9711	.9721	.9730	.9740	.9750	.9760	.9770
172	.9684	.9694	.9704	.9714	.9724	.9733	.9743	.9753	.9763	.9773
173	.9687	.9697	.9707	.9717	.9727	.9736	.9746	.9756	.9766	.9776
174	.9690	.9700	.9710	.9720	.9730	.9739	.9749	.9759	.9769	.9779
175	.9693	.9703	.9713	.9723	.9733	.9742	.9752	.9762	.9772	.9782
176	.9697	.9707	.9717	.9726	.9736	.9746	.9756	.9766	.9775	.9785
177	.9700	.9710	.9720	.9730	.9740	.9749	.9759	.9769	.9779	.9789
178	.9703	.9713	.9723	.9733	.9743	.9752	.9762	.9772	.9782	.9792
179	.9706	.9716	.9726	.9736	.9746	.9755	.9765	.9775	.9785	.9795
180	.9709	.9719	.9729	.9739	.9749	.9758	.9768	.9778	.9788	.9798
181	.9712	.9722	.9732	.9742	.9752	.9761	.9771	.9781	.9791	.9801
182	.9716	.9726	.9736	.9746	.9756	.9765	.9775	.9785	.9795	.9805
183	.9719	.9729	.9739	.9749	.9759	.9768	.9778	.9788	.9798	.9808
184	.9722	.9732	.9742	.9752	.9762	.9771	.9781	.9791	.9801	.9811
185	.9725	.9735	.9745	.9755	.9765	.9774	.9784	.9794	.9804	.9814
186	.9728	.9738	.9748	.9758	.9768	.9777	.9787	.9797	.9807	.9817
187	.9732	.9742	.9752	.9761	.9771	.9781	.9791	.9801	.9810	.9820
188	.9735	.9745	.9755	.9764	.9774	.9784	.9794	.9804	.9813	.9823
189	.9738	.9748	.9758	.9767	.9777	.9787	.9797	.9807	.9816	.9826
190	.9741	.9751	.9761	.9771	.9781	.9790	.9800	.9810	.9820	.9830
191	.9745	.9755	.9765	.9774	.9784	.9794	.9804	.9814	.9823	.9833
192	.9748	.9758	.9768	.9777	.9787	.9797	.9807	.9817	.9826	.9836
193	.9752	.9762	.9772	.9781	.9791	.9801	.9811	.9821	.9830	.9840
194	.9755	.9765	.9775	.9784	.9794	.9804	.9814	.9824	.9833	.9843
195	.9758	.9768	.9778	.9787	.9797	.9807	.9817	.9827	.9836	.9846

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
0	0.9184	0.9194	0.9204	0.9214	0.9224	0.9235	0.9245	0.9255	0.9265	0.9275
1	.9188	.9198	.9208	.9218	.9228	.9239	.9249	.9259	.9269	.9279
2	.9192	.9202	.9212	.9222	.9232	.9242	.9252	.9262	.9272	.9282
3	.9196	.9206	.9216	.9226	.9236	.9246	.9256	.9266	.9276	.9286
4	.9200	.9210	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290
5	.9203	.9213	.9223	.9233	.9243	.9253	.9263	.9273	.9283	.9293
6	.9207	.9217	.9227	.9237	.9247	.9257	.9267	.9277	.9287	.9297
7	.9210	.9220	.9230	.9240	.9250	.9260	.9270	.9280	.9290	.9300
8	.9213	.9223	.9233	.9243	.9253	.9263	.9273	.9283	.9293	.9303
9	.9217	.9227	.9237	.9247	.9257	.9267	.9277	.9287	.9297	.9307
10	.9221	.9231	.9241	.9251	.9261	.9271	.9281	.9291	.9301	.9311
11	.9224	.9234	.9244	.9254	.9264	.9274	.9284	.9294	.9304	.9314
12	.9228	.9238	.9248	.9258	.9268	.9278	.9288	.9298	.9308	.9318
13	.9231	.9241	.9251	.9261	.9271	.9281	.9291	.9301	.9311	.9321
14	.9235	.9245	.9255	.9265	.9275	.9285	.9295	.9305	.9315	.9325
15	.9238	.9248	.9258	.9268	.9278	.9288	.9298	.9308	.9318	.9328
16	.9242	.9252	.9262	.9272	.9282	.9292	.9302	.9312	.9322	.9332
17	.9245	.9255	.9265	.9275	.9285	.9295	.9305	.9315	.9325	.9335
18	.9249	.9259	.9269	.9279	.9289	.9299	.9309	.9319	.9329	.9339
19	.9253	.9263	.9273	.9283	.9293	9303	.9313	.9323	.9333	.9343
20	.9256	.9266	.9276	.9286	.9296	.9306	.9316	.9326	.9336	.9346
21	.9260	.9270	.9280	.9290	.9300	.9310	.9320	.9330	.9340	.9350
22	.9264	.9274	.9284	.9294	.9304	.9314	.9324	.9334	.9344	.9354
23	.9267	.9277	.9287	.9297	.9307	.9317	.9327	.9337	.9347	.9357
24	.9271	.9281	.9291	.9301	.9311	.9321	.9331	.9341	.9351	.9361
25	.9274	.9284	.9294	.9304	.9314	.9324	.9334	.9344	.9354	.9364
26	.9278	.9288	.9298	.9308	.9318	.9328	.9338	.9348	.9358	.9368
27	.9282	.9292	.9302	.9312	.9322	.9332	.9342	.9352	.9362	.9372
28	.9286	.9296	.9306	.9316	.9326	.9336	.9346	.9356	.9366	.9376
29	.9290	.9300	.9310	.9320	.9330	.9340	.9350	.9360	.9370	.9380
30	.9293	.9303	.9313	.9323	.9333	.9343	.9353	.9363	.9373	.9383
31	.9297	.9307	.9317	.9327	.9337	.9347	.9357	.9367	.9377	.9387
32	.9300	.9310	9320	.9330	.9340	.9350	.9360	.9370	.9380	.9390
33	.9304	.9314	.9324	9334	.9344	.9354	.9364	.9374	.9384	.9394
34	.9307	.9317	.9327	.9337	.9347	.9357	.9367	.9377	.9387	.9397
35	.9311	.9321	.9331	.9341	.9351	.9361	.9371	.9381	.9391	.9401
36	.9314	.9324	.9334	.9344	.9354	.9364	.9374	.9384	.9394	.9404
37	.9318	.9328	.9338	.9348	.9358	.9368	.9378	.9388	.9398	.9408
38	.9322	.9332	.9342	.9352	.9362	.9372	.9382	.9392	.9402	.9412
39	.9325	.9335	.9345	.9355	.9365	.9375	.9385	.9395	.9405	.9415
40	.9329	.9339	.9349	.9359	.9369	.9379	.9389	.9399	.9409	9419
41	.9332	.9342	.9352	.9362	.9372	.9382	.9392	.9402	.9412	.9422
42	.9336	.9346	.9356	.9366	.9376	.9386	.9396	.9406	.9416	.9426
43	.9340	.9350	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430
44	.9343	.9353	.9363	.9373	.9383	.9393	.9403	.9413	.9423	.9433
45	.9347	.9357	.9367	.9377	.9387	.9397	.9407	.9417	.9427	.9437
46	.9350	.9360	.9370	.9380	.9390	.9400	.9410	9420	.9430	.9440
47	.9354	.9364	.9374	.9384	.9394	.9404	.9414	.9424	.9434	.9444
48	.9357	.9367	.9377	.9387	.9397	.9407	.9417	.9427	.9437	.9447
49	.9361	.9371	.9381	.9391	.9401	.9411	.9421	.9431	.9441	.9451
50	.9365	.9375	.9385	.9395	.9405	.9415	.9425	.9435	.9445	.9455
51	.9368	.9378	.9388	.9398	.9408	.9418	.9428	.9438	.9448	.9458
52	.9372	.9382	.9392	.9402	.9412	.9422	.9432	.9442	.9452	.9462
53	.9375	.9385	.9395	.9405	.9415	.9425	.9435	.9445	.9455	.9465
54	.9379	.9389	.9399	.9409	.9419	.9429	.9439	.9449	.9459	.9469
55	.9382	.9392	.9402	.9412	.9422	.9432	.9442	9452	.9462	.9472
56	.9386	.9396	.9406	.9416	.9426	.9436	.9446	.9456	.9466	.9476
57	.9390	.9400	.9410	.9420	.9430	.9440	.9450	.9460	.9470	.9480
58	.9393	.9403	.9413	.9423	.9433	.9443	.9453	.9463	.9473	.9483
59	.9397	.9407	.9417	.9427	.9437	.9447	.9457	.9467	.9477	.9487
60	.9400	.9410	.9420	.9430	.9440	.9450	.9460	.9470	.9480	.9490
61	.9404	.9414	.9424	.9434	.9444	.9454	.9464	.9474	.9484	.9494
62	.9407	.9417	.9427	.9437	.9447	.9457	.9467	.9477	.9487	.9497
63	.9410	.9420	.9430	.9440	.9450	.9460	.9470	.9480	.9490	.9500
64	.9414	.9424	.9434	.9444	.9454	.9464	.9474	.9484	.9494	.9504

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
65	0.9418	0.9428	0.9438	0.9448	0.9458	0.9468	0.9478	0.9488	0.9498	0.9508
66	.9421	.9431	.9441	.9451	.9461	.9471	.9481	.9491	.9501	.9511
67	.9425	.9435	.9445	.9455	.9465	.9475	.9485	.9495	.9505	.9515
68	.9428	.9438	.9448	.9458	.9468	.9478	.9488	.9498	.9508	.9518
69	.9432	.9442	.9452	.9462	.9472	.9481	.9491	.9501	.9511	.9521
70	.9435	.9445	.9455	.9465	.9475	.9485	.9495	.9505	.9515	.9525
71	.9439	.9449	.9459	.9469	.9479	.9488	.9498	.9508	.9518	.9528
72	.9442	.9452	.9462	.9472	.9482	.9492	.9502	.9512	.9522	.9532
73	.9446	.9456	.9466	.9476	.9486	.9495	.9505	.9515	.9525	.9535
74	.9450	.9460	.9470	.9480	.9490	.9499	.9509	.9519	.9529	.9539
75	.9453	.9463	.9473	.9483	.9493	.9503	.9513	.9523	.9533	.9543
76	.9456	.9466	.9476	.9486	.9496	.9506	.9516	.9526	.9536	.9546
77	.9460	.9470	.9480	.9490	.9500	.9510	.9520	.9530	.9540	.9550
78	.9463	.9473	.9483	.9493	.9503	.9513	.9523	.9533	.9543	.9553
79	.9466	.9476	.9486	.9496	.9506	.9516	.9526	.9536	.9546	.9556
80	.9470	.9480	.9490	.9500	.9510	.9520	.9530	.9540	.9550	.9560
81	.9474	.9484	.9494	.9504	.9514	.9524	.9534	.9544	.9554	.9564
82	.9477	.9487	.9497	.9507	.9517	.9527	.9537	.9547	.9557	.9567
83	.9481	.9491	.9501	.9511	.9521	.9531	.9541	.9551	.9561	.9571
84	.9485	.9495	.9505	.9515	.9525	.9534	.9544	.9554	.9564	.9574
85	.9488	.9498	.9508	.9518	.9528	.9538	.9548	.9558	.9568	.9578
86	.9491	.9501	.9511	.9521	.9531	.9541	.9551	.9561	.9571	.9581
87	.9495	.9505	.9515	.9525	.9535	.9545	.9555	.9565	.9575	.9585
88	.9499	.9509	.9519	.9529	.9539	.9548	.9558	.9568	.9578	.9588
89	.9502	.9512	.9522	.9532	.9542	.9552	.9562	.9572	.9582	.9592
90	.9505	.9515	.9525	.9535	.9545	.9555	.9565	.9575	.9585	.9595
91	.9509	.9519	.9529	.9539	.9549	.9559	.9569	.9579	.9589	.9599
92	.9513	.9523	.9533	.9543	.9553	.9562	.9572	.9582	.9592	.9602
93	.9516	.9526	.9536	.9546	.9556	.9565	.9575	.9585	.9595	.9605
94	.9519	.9529	.9539	.9549	.9559	.9568	.9578	.9588	.9598	.9608
95	.9523	.9533	.9543	.9553	.9563	.9572	.9582	.9592	.9602	.9612
96	.9526	.9536	.9546	.9556	.9566	.9575	.9585	.9595	.9605	.9615
97	.9529	.9539	.9549	.9559	.9569	.9579	.9589	.9599	.9609	.9619
98	.9533	.9543	.9553	.9563	.9573	.9583	.9593	.9603	9613	.9623
99	.9536	.9546	.9556	.9566	.9576	.9586	.9596	.9606	.9616	.9626
100	.9540	.9550	.9560	.9570	.9580	.9589	.9599	.9609	.9619	.9629
101	.9543	.9553	.9563	.9573	.9583	.9593	.9603	.9613	.9623	.9633
102	.9546	.9556	.9566	.9576	.9586	.9596	.9606	.9616	.9626	.9636
103	.9550	.9560	.9570	.9580	.9590	.9599	.9609	.9619	.9629	.9639
104	.9554	.9564	.9574	.9584	.9594	.9603	.9613	.9623	.9633	.9643
105	.9557	.9567	.9577	.9587	.9597	.9606	.9616	.9626	.9636	.9646
106	.9560	.9570	.9580	.9590	.9600	.9609	.9619	.9629	.9639	.9649
107	.9563	.9573	.9583	.9593	.9603	.9613	.9623	.9633	.9643	.9653
108	.9567	.9577	.9587	.9597	.9607	.9616	.9626	.9636	.9646	.9656
109	.9570	.9580	.9590	.9600	.9610	.9620	.9630	.9640	.9650	.9660
110	.9574	.9584	.9594	.9604	.9614	.9623	.9633	.9643	.9653	.9663
111	.9577	.9587	.9597	.9607	.9617	.9626	.9636	.9646	.9656	.9666
112	.9581	.9591	.9601	.9611	.9621	.9630	.9640	.9650	.9660	.9670
113	.9584	.9594	.9604	.9614	.9624	.9634	.9644	.9654	.9664	.9674
114	.9587	.9597	.9607	.9617	.9627	.9637	.9647	.9657	.9667	.9677
115	.9590	.9600	.9610	.9620	.9630	.9640	.9650	.9660	.9670	.9680
116	.9594	.9604	.9614	.9624	.9634	.9644	.9654	.9664	.9674	.9684
117	.9597	.9607	.9617	.9627	.9637	.9647	.9657	.9667	.9677	.9687
118	.9600	.9610	.9620	.9630	.9640	.9650	.9660	.9670	.9680	.9690
119	.9604	.9614	.9624	.9634	.9644	.9654	.9664	.9674	.9684	.9694
120	.9607	.9617	.9627	.9637	.9647	.9657	.9667	.9677	.9687	.9697
121	.9611	.9621	.9631	.9641	.9651	.9661	.9671	.9681	.9691	.9701
122	.9615	.9625	.9635	.9645	.9655	.9665	.9675	.9685	.9695	.9705
123	.9619	.9629	.9639	.9649	.9659	.9668	.9678	.9688	.9698	.9708
124	.9622	.9632	.9642	.9652	.9662	.9671	.9681	.9691	.9701	.9711
125	.9625	.9635	.9645	.9655	.9665	.9675	.9685	.9695	.9705	.9715
126	.9628	.9638	.9648	.9658	.9668	.9678	.9688	.9698	.9708	.9718
127	.9631	.9641	.9651	.9661	.9671	.9681	.9691	.9701	.9711	.9721
128	.9635	.9645	.9655	.9665	.9675	.9685	.9695	.9705	.9715	.9725
129	.9639	.9649	.9659	.9669	.9679	.9688	.9698	.9708	.9718	.9728

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TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
130	0.9642	0.9652	0.9662	0.9672	0.9682	0.9692	0.9702	0.9712	0.9722	0.9732
131	.9646	.9656	.9666	.9676	.9686	.9696	.9706	.9716	.9726	.9736
132	.9649	.9659	.9669	.9679	.9689	.9699	.9709	.9719	.9729	.9739
133	.9652	.9662	.9672	.9682	.9692	.9702	.9712	.9722	.9732	.9742
134	.9655	.9665	.9675	.9685	.9695	.9705	.9715	.9725	.9735	.9745
135	.9659	.9669	.9679	.9689	.9699	.9709	.9719	.9729	.9739	.9749
136	.9662	.9672	.9682	.9692	.9702	.9712	.9722	.9732	.9742	.9752
137	.9665	.9675	.9685	.9695	.9705	.9715	.9725	.9735	.9745	.9755
138	.9669	.9679	.9689	.9699	.9709	.9719	.9729	.9739	.9749	.9759
139	.9673	.9683	.9693	.9703	.9713	.9722	.9732	.9742	.9752	.9762
140	.9676	.9686	.9696	.9706	.9716	.9725	.9735	.9745	.9755	.9765
141	.9680	.9690	.9700	.9710	.9720	.9729	.9739	.9749	.9759	.9769
142	.9683	.9693	.9703	.9713	.9723	.9732	.9742	.9752	.9762	.9772
143	.9686	.9696	.9706	.9716	.9726	.9735	.9745	.9755	.9765	.9775
144	.9689	.9699	.9709	.9719	.9729	.9739	.9749	.9759	.9769	.9779
145	.9692	.9702	.9712	.9722	.9732	.9742	.9752	.9762	.9772	.9782
146	.9695	.9705	.9715	.9725	.9735	.9745	.9755	.9765	.9775	.9785
147	.9699	.9709	.9719	.9729	.9739	.9749	.9759	.9769	.9779	.9789
148	.9703	.9713	.9723	.9733	.9743	.9752	.9762	.9772	.9782	.9792
149	.9706	.9716	.9726	.9736	.9746	.9756	.9766	.9776	.9786	.9796
150	.9710	.9720	.9730	.9740	.9750	.9759	.9769	.9779	.9789	.9799
151	.9713	.9723	.9733	.9743	.9753	.9762	.9772	.9782	.9792	.9802
152	.9716	.9726	.9736	.9746	.9756	.9765	.9775	.9785	.9795	.9805
153	.9720	.9730	.9740	.9750	.9760	.9769	.9779	.9789	.9799	.9809
154	.9723	.9733	.9743	.9753	.9763	.9772	.9782	.9792	.9802	.9812
155	.9726	.9736	.9746	.9756	.9766	.9775	.9785	.9795	.9805	.9815
156	.9730	.9740	.9750	.9760	.9770	.9779	.9789	.9799	.9809	.9819
157	.9734	.9744	.9754	.9764	.9774	.9783	.9793	.9803	.9813	.9823
158	.9737	.9747	.9757	.9767	.9777	.9786	.9796	.9806	.9816	.9826
159	.9740	.9750	.9760	.9770	.9780	.9789	.9799	.9809	.9819	.9829
160	.9744	.9754	.9764	.9774	.9784	.9793	.9803	.9813	.9823	.9833
161	.9747	.9757	.9767	.9777	.9787	.9796	.9806	.9816	.9826	.9836
162	.9750	.9760	.9770	.9780	.9790	.9799	.9809	.9819	.9829	.9839
163	.9753	.9763	.9773	.9783	.9793	.9802	.9812	.9822	.9832	.9842
164	.9756	.9766	.9776	.9786	.9796	.9805	.9815	.9825	.9835	.9845
165	.9760	.9770	.9780	.9790	.9800	.9809	.9819	.9829	.9839	.9849
166	.9763	.9773	.9783	.9793	.9803	.9812	.9822	.9832	.9842	.9852
167	.9767	.9777	.9787	.9797	.9807	.9816	.9826	.9836	.9846	.9856
168	.9770	.9780	.9790	.9800	.9810	.9819	.9829	.9839	.9849	.9859
169	.9773	.9783	.9793	.9803	.9813	.9822	.9832	.9842	.9852	.9862
170	.9776	.9786	.9796	.9806	.9816	.9825	.9835	.9845	.9855	.9865
171	.9780	.9790	.9800	.9809	.9819	.9829	.9839	.9848	.9858	.9868
172	.9783	.9793	.9803	.9812	.9822	.9832	.9842	.9852	.9861	.9871
173	.9786	.9796	.9806	.9815	.9825	.9835	.9845	.9855	.9864	.9874
174	.9789	.9799	.9809	.9819	.9829	.9838	.9848	.9858	9868	.9878
175	.9792	.9802	.9812	.9822	.9832	.9841	.9851	.9861	.9871	.9881
176	.9795	.9805	.9815	.9825	.9835	.9844	.9854	.9864	.9874	.9884
177	.9799	.9809	.9819	.9828	.9838	.9848	.9858	.9868	.9877	.9887
178	.9802	.9812	.9822	.9831	.9841	.9851	.9861	.9871	.9880	.9890
179	.9805	.9815	.9825	.9834	.9844	.9854	.9864	.9874	.9883	.9893
180	.9808	.9818	.9828	.9837	.9847	.9857	.9867	.9877	.9886	.9896
181	.9811	.9821	.9831	.9841	.9851	.9860	.9870	.9880	.9890	.9900
182	.9815	.9825	.9835	.9844	.9854	.9864	.9874	.9884	.9893	.9903
183	.9818	.9828	.9838	.9847	.9857	.9867	.9877	.9887	.9896	.9906
184	.9821	.9831	.9841	.9850	.9860	.9870	.9880	.9890	.9899	.9909
185	.9824	.9834	.9844	.9853	.9863	.9873	.9883	.9893	.9902	.9912
186	.9827	.9837	.9847	.9856	.9866	.9876	.9886	.9896	.9905	.9915
187	.9830	.9840	.9850	.9860	.9870	.9879	.9889	.9899	.9909	.9919
188	.9833	.9843	.9853	.9863	.9873	.9882	.9892	.9902	.9912	.9922
189	.9836	.9846	.9856	.9866	.9876	.9885	.9895	.9905	.9915	.9925
190	.9840	.9850	.9860	.9869	.9879	.9889	.9899	.9909	.9918	.9928
191	.9843	.9853	.9863	.9872	.9882	.9892	.9902	.9912	.9921	.9931
192	.9846	.9856	.9866	.9875	.9885	.9895	.9905	.9915	.9924	.9934
193	.9850	.9860	.9870	.9879	.9889	.9899	.9909	.9919	.9928	.9938
194	.9853	.9863	.9873	.9882	.9892	.9902	.9912	.9922	.9931	.9941
195	.9856	.9866	.9876	.9885	.9895	.9905	.9915	.9925	.9934	9944

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
0	0.9285	0.9295	0.9305	0.9315	0.9325	0.9336	0.9346	0.9356	0.9366	0.9376
1	.9289	.9299	.9309	.9319	.9329	.9339	.9349	.9359	.9369	.9379
2	.9292	.9302	.9312	.9322	.9332	.9342	.9352	.9362	.9372	.9382
3	.9296	.9306	.9316	.9326	.9336	.9346	.9356	.9366	.9376	.9386
4	.9300	.9310	.9320	.9330	.9340	.9350	.9360	.9370	.9380	.9390
5	.9303	.9313	.9323	.9333	.9343	.9353	.9363	.9373	.9383	.9393
6	.9307	.9317	.9327	.9337	.9347	.9357	.9367	.9377	.9387	.9397
7	.9310	.9320	.9330	.9340	.9350	.9360	.9370	9380	.9390	.9400
8	.9313	.9323	.9333	.9343	.9353	.9363	.9373	.9383	.9393	.9403
9	.9317	.9327	.9337	.9347	.9357	.9367	.9377	.9387	.9397	.9407
10	.9321	.9331	.9341	.9351	.9361	.9371	.9381	.9391	.9401	.9411
11	.9324	.9334	.9344	.9354	.9364	.9374	.9384	.9394	.9404	.9414
12	.9328	.9338	.9348	.9358	.9368	.9378	.9388	.9398	.9408	.9418
13	.9331	.9341	.9351	.9361	.9371	.9381	.9391	.9401	.9411	.9421
14	.9335	.9345	.9355	.9365	.9375	.9385	.9395	.9405	.9415	.9425
15	.9338	.9348	.9358	.9368	.9378	.9388	.9398	.9408	.9418	.9428
16	.9342	.9352	.9362	.9372	.9382	.9392	.9402	.9412	.9422	.9432
17	.9345	.9355	.9365	.9375	.9385	.9395	.9405	.9415	.9425	.9435
18	.9349	.9359	.9369	.9379	.9389	.9399	.9409	.9419	.9429	.9439
19	.9353	.9363	.9373	.9383	.9393	.9403	.9413	.9423	.9433	.9443
20	.9356	.9366	.9376	.9386	.9396	.9406	.9416	.9426	.9436	.9446
21	.9360	.9370	.9380	.9390	.9400	.9410	.9420	.9430	.9440	.9450
22	.9364	.9374	.9384	.9394	.9404	.9414	.9424	.9434	.9444	.9454
23	.9367	.9377	.9387	.9397	.9407	.9418	.9428	.9438	.9448	.9458
24	.9371	.9381	.9391	.9401	.9411	.9421	.9431	.9441	.9451	.9461
25	.9374	.9384	.9394	.9404	.9414	.9424	.9434	.9444	.9454	.9464
26	.9378	.9388	.9398	.9408	.9418	.9428	.9438	.9448	.9458	.9468
27	.9382	.9392	.9402	.9412	.9422	.9432	.9442	.9452	.9462	.9472
28	.9386	.9396	.9406	.9416	.9426	.9436	.9446	.9456	.9466	.9476
29	.9390	.9400	.9410	.9420	.9430	.9440	.9450	.9460	.9470	.9480
30	.9393	.9403	.9413	.9423	.9433	.9443	.9453	.9463	.9473	.9483
31	.9397	.9407	.9417	.9427	.9437	.9447	.9457	.9467	.9477	.9487
32	.9400	.9410	.9420	.9430	.9440	.9450	.9460	.9470	.9480	.9490
33	.9404	.9414	.9424	.9434	.9444	.9454	.9464	.9474	.9484	.9494
34	.9407	.9417	.9427	.9437	.9447	.9457	.9467	.9477	.9487	.9497
35	.9411	.9421	.9431	.9441	.9451	.9461	.9471	.9481	.9491	.9501
36	.9414	.9424	.9434	.9444	.9454	.9464	.9474	.9484	.9494	.9504
37	.9418	.9428	.9438	.9448	.9458	.9468	.9478	.9488	.9498	.9508
38	.9422	.9432	.9442	.9452	.9462	.9472	.9482	.9492	.9502	.9512
39	.9425	.9435	.9445	.9455	.9465	.9475	.9485	.9495	.9505	.9515
40	.9429	.9439	.9449	.9459	.9469	.9479	.9489	.9499	.9509	.9519
41	.9432	.9442	.9452	.9462	.9472	.9483	.9493	.9503	.9513	.9523
42	.9436	.9446	.9456	.9466	.9476	.9486	.9496	.9506	.9516	.9526
43	.9440	.9450	.9460	.9470	.9480	.9490	.9500	.9510	.9520	.9530
44	.9443	.9453	.9463	.9473	.9483	.9493	.9503	.9513	.9523	.9533
45	.9447	.9457	.9467	.9477	.9487	.9497	.9507	.9517	.9527	.9537
46	.9450	.9460	.9470	.9480	.9490	.9500	.9510	.9520	.9530	.9540
47	.9454	.9464	.9474	.9484	.9494	.9504	.9514	.9524	.9534	.9544
48	.9457	.9467	.9477	.9487	.9497	.9507	.9517	.9527	.9537	.9547
49	.9461	.9471	.9481	.9491	.9501	.9511	.9521	.9531	.9541	.9551
50	.9465	.9475	.9485	.9495	.9505	.9515	.9525	.9535	.9545	.9555
51	.9468	.9478	.9488	.9498	.9508	.9518	.9528	.9538	.9548	.9558
52	.9472	.9482	.9492	.9502	.9512	.9522	.9532	.9542	.9552	.9562
53	.9475	.9485	.9495	.9505	.9515	.9525	.9535	.9545	.9555	.9565
54	.9479	.9489	.9499	.9509	.9519	.9529	.9539	.9549	.9559	.9569
55	.9482	.9492	.9502	.9512	.9522	.9532	.9542	.9552	.9562	.9572
56	.9486	.9496	.9506	.9516	.9526	.9536	.9546	.9556	.9566	.9576
57	.9490	.9500	.9510	.9520	.9530	.9540	.9550	.9560	.9570	.9580
58	.9493	.9503	.9513	.9523	.9533	.9543	.9553	.9563	.9573	.9583
59	.9497	.9507	.9517	.9527	.9537	.9547	.9557	.9567	.9577	.9587
60	.9500	.9510	.9520	.9530	.9540	.9550	.9560	.9570	.9580	.9590
61	.9504	.9514	.9524	.9534	.9544	.9554	.9564	.9574	.9584	.9594
62	.9507	.9517	.9527	.9537	.9547	.9557	.9567	.9577	.9587	.9597
63	.9510	.9520	.9530	.9540	.9550	.9560	.9570	.9580	.9590	.9600
64	.9514	.9524	.9534	.9544	.9554	.9564	.9574	.9584	.9594	.9604

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	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.									
65	0.9518	0.9528	0.9538	0.9548	0.9558	0.9568	0.9578	0.9588	0.9598	0.9608
66	.9521	.9531	.9541	.9551	.9561	.9571	.9581	.9591	.9601	.9611
67	.9525	.9535	.9545	.9555	.9565	.9575	.9585	.9595	.9605	.9615
68	.9528	.9538	.9548	.9558	.9568	.9578	.9588	.9598	.9608	.9618
69	.9531	.9541	.9551	.9561	.9571	.9581	.9591	.9601	.9611	.9621
70	.9535	.9545	.9555	.9565	.9575	.9585	.9595	.9605	.9615	.9625
71	.9538	.9548	.9558	.9568	.9578	.9588	.9598	.9608	.9618	.9628
72	.9542	.9552	.9562	.9572	.9582	.9592	.9602	.9612	.9622	.9632
73	.9545	.9555	.9565	.9575	.9585	.9595	.9605	.9615	.9625	.9635
74	.9549	.9559	.9569	.9579	.9589	.9599	.9609	.9619	.9629	.9639
75	.9553	.9563	.9573	.9583	.9593	.96[illegible]	.9613	.9623	.9633	.9643
76	.9556	.9566	.9576	.9586	.9596	.9606	.9616	.9626	.9636	.9646
77	.9560	.9570	.9580	.9590	.9600	.9610	.9620	.9630	.9640	.9650
78	.9563	.9573	.9583	.9593	.9603	.9613	.9623	.9633	.9643	.9653
79	.9566	.9576	.9586	.9596	.9606	.9616	.9626	.9636	.9646	.9656
80	.9570	.9580	.9590	.9600	.9610	.9620	.9630	.9640	.9650	.9660
81	.9574	.9584	.9594	.9604	.9614	.9624	.9634	.9644	.9654	.9664
82	.9577	.9587	.9597	.9607	.9617	.9627	.9637	.9647	.9657	.9667
83	.9581	.9591	.9601	.9611	.9621	.9631	.9641	.9651	.9661	.9671
84	.9584	.9594	.9604	.9614	.9624	.9634	.9644	.9654	.9664	.9674
85	.9588	.9598	.9608	.9618	.9628	.9637	.9647	.9657	.9667	.9677
86	.9591	.9601	.9611	.9621	.9631	.9641	.9651	.9661	.9671	.9681
87	.9595	.9605	.9615	.9625	.9635	.9644	.9654	.9664	.9674	.9684
88	.9598	.9608	.9618	.9628	.9638	.9648	.9658	.9668	.9678	.9688
89	9602	.9612	.9622	.9632	.9642	.9651	.9661	.9671	.9681	.9691
90	.9605	.9615	.9625	.9635	.9645	.9654	.9664	.9674	.9684	.9694
91	.9609	.9619	.9629	.9639	.9649	.9658	.9668	.9678	.9688	.9698
92	.9612	.9622	.9632	.9642	.9652	.9662	.9672	.9682	.9692	.9702
93	.9615	.9625	.9635	.9645	.9655	.9665	.9675	.9685	.9695	.9705
94	.9618	.9628	.9638	.9648	.9658	.9668	.9678	.9688	.9698	.9708
95	.9622	.9632	.9642	.9652	.9662	.9672	.9682	.9692	.9702	.9712
96	.9625	.9635	.9645	.9655	.9665	.9675	.9685	.9695	.9705	.9715
97	.9629	.9639	.9649	.9659	.9669	.9679	.9689	.9699	.9709	.9719
98	.9633	.9643	.9653	.9663	.9673	.9682	.9692	.9702	.9712	.9722
99	.9636	.9646	.9656	.9666	.9676	.9686	.9696	.9706	.9716	.9726
100	.9639	.9649	.9659	.9669	.9679	.9689	.9699	.9709	.9719	.9729
101	.9643	.9653	.9663	.9673	.9683	.9693	.9703	.9713	.9723	.9733
102	.9646	.9656	.9666	.9676	.9686	.9696	.9706	.9716	.9726	.9736
103	.9649	.9659	.9669	.9679	.9689	.9699	.9709	.9719	.9729	.9739
104	.9653	.9663	.9673	.9683	.9693	.9703	.9713	.9723	.9733	.9743
105	.9656	.9666	.9676	.9686	.9696	.9706	.9716	.9726	.9736	.9746
106	.9659	.9669	.9679	.9689	.9699	.9709	.9719	.9729	.9739	.9749
107	.9663	.9673	.9683	.9693	.9703	.9713	.9723	.9733	.9743	.9753
108	.9666	.9676	.9686	.9696	.9706	.9716	.9726	.9736	.9746	.9756
109	.9670	.9680	.9690	.9700	.9710	.9720	.9730	.9740	.9750	.9760
110	.9673	.9683	.9693	.9703	.9713	.9723	.9733	.9743	.9753	.9763
111	.9676	.9686	.9696	.9706	.9716	.9726	.9736	.9746	.9756	.9766
112	.9680	.9690	.9700	.9710	.9720	.9730	.9740	.9750	.9760	.9770
113	.9684	.9694	.9704	.9714	.9724	.9734	.9744	.9754	.9764	.9774
114	.9687	.9697	.9707	.9717	.9727	.9737	.9747	.9757	.9767	.9777
115	.9690	.9700	.9710	.9720	.9730	.9740	.9750	.9760	.9770	.9780
116	.9694	.9704	.9714	.9724	.9734	.9744	.9754	.9764	.9774	.9784
117	.9697	.9707	.9717	.9727	.9737	.9747	.9757	.9767	.9777	.9787
118	.9700	.9710	.9720	.9730	.9740	.9750	.9760	.9770	.9780	.9790
119	.9704	.9714	.9724	.9734	.9744	.9754	.9764	.9774	.9784	.9794
120	.9707	.9717	.9727	.9737	.9747	.9757	.9767	.9777	.9787	.9797
121	.9711	.9721	.9731	.9741	.9751	.9761	.9771	.9781	.9791	.9801
122	.9715	.9725	.9735	.9745	.9755	.9765	.9775	.9785	.9795	.9805
123	.9718	.9728	.9738	.9748	.9758	.9768	.9778	.9788	.9798	.9808
124	.9721	.9731	.9741	.9751	.9761	.9771	.9781	.9791	.9801	.9811
125	.9725	.9735	.9745	.9755	.9765	.9775	.9785	.9795	.9805	.9815
126	.9728	.9738	.9748	.9758	.9768	.9778	.9788	.9798	.9808	.9818
127	.9731	.9741	.9751	.9761	.9771	.9781	.9791	.9801	.9811	.9821
128	.9735	.9745	.9755	.9765	.9775	.9785	.9795	9805	.9815	.9825
129	.9738	.9748	.9758	.9768	.9778	.9788	.9798	.9808	.9818	.9828

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	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.									
130	0.9742	0.9752	0.9762	0.9772	0.9782	0.9791	0.9801	0.9811	0.9821	0.9831
131	.9746	.9756	.9766	.9776	.9786	.9795	.9805	.9815	.9825	.9835
132	.9749	.9759	.9769	.9779	.9789	.9798	.9808	.9818	.9828	.9838
133	.9752	.9762	.9772	.9782	.9792	.9801	.9811	.9821	.9831	.9841
134	.9755	.9765	.9775	.9785	.9795	.9805	.9815	.9825	.9835	.9845
135	.9759	.9769	.9779	.9789	.9799	.9808	.9818	.9828	.9838	.9848
136	.9762	.9772	.9782	.9792	.9802	.9811	.9821	.9831	.9841	.9851
137	.9765	.9775	.9785	.9795	.9805	.9815	.9825	.9835	.9845	.9855
138	.9769	.9779	.9789	.9799	.9809	.9818	.9828	.9838	.9848	.9858
139	.9772	.9782	.9792	.9802	.9812	.9821	.9831	.9841	.9851	.9861
140	.9775	.9785	.9795	.9805	.9815	.9825	.9835	.9845	.9855	.9865
141	.9779	.9789	.9799	.9809	.9819	.9828	.9838	.9848	.9858	.9868
142	.9782	.9792	.9802	.9812	.9822	.9831	.9841	.9851	.9861	.9871
143	.9785	.9795	.9805	.9815	.9825	.9834	.9844	.9854	.9864	.9874
144	.9789	.9799	9809	.9819	.9829	.9838	.9848	.9858	.9868	.9878
145	.9792	.9802	.9812	.9822	.9832	.9841	.9851	.9861	.9871	.9881
146	.9795	.9805	.9815	.9825	.9835	.9845	.9855	.9865	.9875	.9885
147	.9799	.9809	.9819	.9829	.9839	.9848	.9858	.9868	.9878	.9888
148	.9802	.9812	.9822	.9832	.9842	.9851	.9861	.9871	.9881	.9891
149	.9806	.9816	.9826	.9836	.9846	.9855	.9865	.9875	.9885	.9895
150	.9809	.9819	.9829	.9839	.9849	.9858	.9868	.9878	.9888	.9898
151	.9812	.9822	.9832	.9842	.9852	.9861	.9871	.9881	.9891	.9901
152	.9815	.9825	.9835	.9845	.9855	.9864	.9874	.9884	.9894	.9904
153	.9819	.9829	.9839	.9849	.9859	.9868	.9878	.9888	.9898	.9908
154	.9822	.9832	.9842	.9852	.9862	.9871	.9881	.9891	.9901	.9911
155	.9825	.9835	.9845	.9855	.9865	.9875	.9885	.9895	.9905	.9915
156	.9829	.9839	.9849	.9859	.9869	.9878	.9888	.9898	.9908	.9918
157	.9833	.9843	.9853	.9863	.9873	.9882	.9892	.9902	.9912	.9922
158	.9836	.9846	.9856	.9866	.9876	.9886	.9896	.9906	.9916	.9926
159	.9839	.9849	.9859	.9869	.9879	.9889	.9899	.9909	.9919	.9929
160	.9843	.9853	.9863	.9873	.9883	.9892	.9902	.9912	.9922	.9932
161	.9846	.9856	.9866	.9876	.9886	.9895	.9905	.9915	.9925	.9935
162	.9849	.9859	.9869	.9879	.9889	.9898	.9908	.9918	.9928	.9938
163	.9852	.9862	.9872	.9882	.9892	.9901	.9911	.9921	.9931	.9941
164	.9855	.9865	.9875	.9885	.9895	.9904	.9914	.9924	.9934	.9944
165	.9859	.9869	.9879	.9889	.9899	.9908	.9918	.9928	.9938	.9948
166	.9862	.9872	.9882	.9892	.9902	.9911	.9921	.9931	.9941	.9951
167	.9866	.9876	.9886	.9896	.9906	.9915	.9925	.9935	.9945	.9955
168	.9869	.9879	.9889	.9899	.9909	.9918	.9928	.9938	.9948	.9958
169	.9872	.9882	.9892	.9902	.9912	.9921	.9931	.9941	.9951	.9961
170	.9875	.9885	.9895	.9905	.9915	.9924	.9934	.9944	.9954	.9964
171	.9878	.9888	.9898	.9908	.9918	.9927	.9937	.9947	.9957	.9967
172	.9881	.9891	.9901	.9911	.9921	.9930	.9940	.9950	.9960	.9970
173	.9884	.9894	.9904	9914	.9924	.9933	.9943	.9953	.9963	.9973
174	.9888	.9898	.9908	9917	.9927	.9937	.9947	.9957	.9966	.9976
175	.9891	.9901	.9911	.9920	.9930	9940	.9950	.9960	.9969	.9979
176	.9894	.9904	.9914	.9923	.9933	.9943	.9953	.9963	.9972	.9982
177	.9897	.9907	.9917	.9927	.9937	.9946	.9956	.9966	.9976	.9986
178	.9900	.9910	.9920	.9930	.9940	.9949	.9959	.9969	.9979	.9989
179	.9903	.9913	.9923	.9933	.9943	.9952	.9962	.9972	.9982	.9992
180	.9906	.9916	.9926	.9936	.9946	.9955	.9965	.9975	.9985	.9995
181	.9910	.9920	.9930	.9939	.9949	.9959	.9969	.9979	.9988	.9998
182	.9913	.9923	.9933	.9942	.9952	.9962	.9972	.9982	.9991	1.0001
183	.9916	.9926	.9936	.9946	.9956	.9965	.9975	.9985	.9995	1.0005
184	.9919	.9929	.9939	.9949	.9959	.9968	.9978	.9988	.9998	1.0008
185	.9922	.9932	.9942	.9952	.9962	.9971	.9981	.9991	1.0001	1.0011
186	.9925	.9935	.9945	.9955	.9965	.9974	.9984	.9994	1.0004	1.0014
187	.9929	.9939	.9949	.9959	.9969	.9978	.9988	.9998	1.0008	1.0018
188	.9932	.9942	.9952	.9962	.9972	.9981	.9991	1.0001	1.0011	1.0021
189	.9935	.9945	.9955	.9965	.9975	.9984	.9994	1.0004	1.0014	1.0024
190	.9938	.9948	.9958	.9968	.9978	.9987	.9997	1.0007	1.0017	1.0027
191	.9941	.9951	.9961	.9971	.9981	.9990	1.0000	1.0010	1.0020	1.0030
192	.9944	.9954	.9964	.9974	.9984	.9993	1.0003	1.0013	1.0023	1.0033
193	.9948	.9958	.9968	.9977	.9987	.9997	1.0007	1.0017	1.0026	1.0036
194	.9951	.9961	.9971	.9981	.9991	1.0000	1.0010	1.0020	1.0030	1.0040
195	.9954	.9964	.9974	.9984	.9994	1.0003	1.0013	1.0023	1.0033	1.0043

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	0.960	0.961	0.962	0.963	0.964	0.965	0.966	0.967	0.968	0.969
	Corresponding specific gravities at 60°/60° F.									
0	0.9386	0.9396	0.9406	0.9416	0.9426	0.9436	0.9446	0.9456	0.9466	0.9476
1	.9389	.9399	.9409	.9419	.9429	.9439	.9449	.9459	.9469	.9479
2	.9392	.9402	.9412	.9422	.9432	.9442	.9452	.9462	.9472	.9482
3	.9396	.9406	.9416	.9426	.9436	.9446	.9456	.9466	.9476	.9486
4	.9400	.9410	.9420	.9430	.9440	.9450	.9460	.9470	.9480	.9490
5	.9403	.9413	.9423	.9433	.9443	.9453	.9463	.9473	.9483	.9493
6	.9407	.9417	.9427	.9437	.9447	.9457	.9467	.9477	.9487	.9497
7	.9410	.9420	.9430	.9440	.9450	.9460	.9470	.9480	.9490	.9500
8	.9413	.9423	.9433	.9443	.9453	.9463	.9473	.9483	.9493	.9503
9	.9417	.9427	.9437	.9447	.9457	.9467	.9477	.9487	.9497	.9507
10	.9421	.9431	.9441	.9451	.9461	.9471	.9481	.9491	.9501	.9511
11	.9424	.9434	.9444	.9454	.9464	.9474	.9484	.9494	.9504	.9514
12	.9428	.9438	.9448	.9458	.9468	.9478	.9488	.9498	.9508	.9518
13	.9431	.9441	.9451	.9461	.9471	.9481	.9491	.9501	.9511	.9521
14	.9435	.9445	.9455	.9465	.9475	.9485	.9495	.9505	.9515	.9525
15	.9438	.9448	.9458	.9468	.9478	.9488	.9498	.9508	.9518	.9528
16	.9442	.9452	.9462	.9472	.9482	.9492	.9502	.9512	.9522	.9532
17	.9445	.9455	.9465	.9475	.9485	.9495	.9505	.9515	.9525	.9535
18	.9449	.9459	.9469	.9479	.9489	.9499	.9509	.9519	.9529	.9539
19	.9453	.9463	.9473	.9483	.9493	.9503	.9513	.9523	.9533	.9543
20	.9456	.9466	.9476	.9486	.9496	.9506	.9516	.9526	.9536	.9546
21	.9460	.9470	.9480	.9490	.9500	.9510	.9520	.9530	.9540	.9550
22	.9464	.9474	.9484	.9494	.9504	.9514	.9524	.9534	.9544	.9554
23	.9468	.9478	.9488	.9498	.9508	.9518	.9528	.9538	.9548	.9558
24	.9471	.9481	.9491	.9501	.9511	.9521	.9531	.9541	.9551	.9561
25	.9474	.9484	.9494	.9504	.9514	.9524	.9534	.9544	.9554	.9564
26	.9478	.9488	.9498	.9508	.9518	.9528	.9538	.9548	.9558	.9568
27	.9482	.9492	.9502	.9512	.9522	.9532	.9542	.9552	.9562	.9572
28	.9486	.9496	.9506	.9516	.9526	.9536	.9546	.9556	.9566	.9576
29	.9490	.9500	.9510	.9520	.9530	.9540	.9550	.9560	.9570	.9580
30	.9493	.9503	.9513	.9523	.9533	.9543	.9553	.9563	.9573	.9583
31	.9497	.9507	.9517	.9527	.9537	.9547	.9557	.9567	.9577	.9587
32	.9500	.9510	.9520	.9530	.9540	.9551	.9561	.9571	.9581	.9591
33	.9504	.9514	.9524	.9534	.9544	.9554	.9564	.9574	.9584	.9594
34	.9507	.9517	.9527	.9537	.9547	.9557	.9567	.9577	.9587	.9597
35	.9511	.9521	.9531	.9541	.9551	.9561	.9571	.9581	.9591	.9601
36	.9514	.9524	.9534	.9544	.9554	.9564	.9574	.9584	.9594	.9604
37	.9518	.9528	.9538	.9548	.9558	.9568	.9578	.9588	.9598	.9608
38	.9522	.9532	.9542	.9552	.9562	.9572	.9582	.9592	.9602	.9612
39	.9525	.9535	.9545	.9555	.9565	.9575	.9585	.9595	.9605	.9615
40	.9529	.9539	.9549	.9559	.9569	.9579	.9589	.9599	.9609	.9619
41	.9533	.9543	.9553	.9563	.9573	.9583	.9593	.9603	.9613	.9623
42	.9536	.9546	.9556	.9566	.9576	.9586	.9596	.9606	.9616	.9626
43	.9540	.9550	.9560	.9570	.9580	.9590	.9600	.9610	.9620	.9630
44	.9543	.9553	.9563	.9573	.9583	.9593	.9603	.9613	.9623	.9633
45	.9547	.9557	.9567	.9577	.9587	.9597	.9607	.9617	.9627	.9637
46	.9550	.9560	.9570	.9580	.9590	.9600	.9610	.9620	.9630	.9640
47	.9554	.9564	.9574	.9584	.9594	.9604	.9614	.9624	.9634	.9644
48	.9557	.9567	.9577	.9587	.9597	.9607	.9617	.9627	.9637	.9647
49	.9561	.9571	.9581	.9591	.9601	.9611	.9621	.9631	.9641	.9651
50	.9565	.9575	.9585	.9595	.9605	.9615	.9625	.9635	.9645	.9655
51	.9568	.9578	.9588	.9598	.9608	.9618	.9628	.9638	.9648	.9658
52	.9572	.9582	.9592	.9602	.9612	.9622	.9632	.9642	.9652	.9662
53	.9575	.9585	.9595	.9605	.9615	.9625	.9635	.9645	.9655	.9665
54	.9579	.9589	.9599	.9609	.9619	.9629	.9639	.9649	.9659	.9669
55	.9582	.9592	.9602	.9612	.9622	.9632	.9642	.9652	.9662	.9672
56	.9586	.9596	.9606	.9616	.9626	.9636	.9646	.9656	.9666	.9676
57	.9590	.9600	.9610	.9620	.9630	.9640	.9650	.9660	.9670	.9680
58	.9593	.9603	.9613	.9623	.9633	.9643	.9653	.9663	.9673	.9683
59	.9597	.9607	.9617	.9627	.9637	.9647	.9657	.9667	.9677	.9687
60	.9600	.9610	.9620	.9630	.9640	.9650	.9660	.9670	.9680	.9690
61	.9604	.9614	.9624	.9634	.9644	.9654	.9664	.9674	.9684	.9694
62	.9607	.9617	.9627	.9637	.9647	.9657	.9667	.9677	.9687	.9697
63	.9610	.9620	.9630	.9640	.9650	.9660	.9670	.9680	.9690	.9700
64	.9614	.9624	.9634	.9644	.9654	.9664	.9674	.9684	.9694	.9704

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	0.960	0.961	0.962	0.963	0.964	0.965	0.966	0.967	0.968	0.969
	Corresponding specific gravities at 60°/60° F.									
65	0.9618	0.9628	0.9638	0.9648	0.9658	0.9668	0.9678	0.9688	0.9698	0.9708
66	.9621	.9631	.9641	.9651	.9661	.9671	.9681	.9691	.9701	.9711
67	.9625	.9635	.9645	.9655	.9665	.9675	.9685	.9695	.9705	.9715
68	.9628	.9638	.9648	.9658	.9668	.9678	.9688	.9698	.9708	.9718
69	.9631	.9641	.9651	.9661	.9671	.9681	.9691	.9701	.9711	.9721
70	.9635	.9645	.9655	.9665	.9675	.9685	.9695	.9705	.9715	.9725
71	.9638	.9648	.9658	.9668	.9678	.9688	.9698	.9708	.9718	.9728
72	.9642	.9652	.9662	.9672	.9682	.9692	.9702	.9712	.9722	.9732
73	.9645	.9655	.9665	.9675	.9685	.9695	.9705	.9715	.9725	.9735
74	.9649	.9659	.9669	.9679	.9689	.9699	.9709	.9719	.9729	.9739
75	.9653	.9663	.9673	.9683	.9693	.9703	.9713	.9723	.9733	.9743
76	.9656	.9666	.9676	.9686	.9696	.9706	.9716	.9726	.9736	.9746
77	.9660	.9670	.9680	.9690	.9700	.9710	.9720	.9730	.9740	.9750
78	.9663	.9673	.9683	.9693	.9703	.9713	.9723	.9733	.9743	.9753
79	.9666	.9676	.9686	.9696	.9706	.9716	.9726	.9736	.9746	.9756
80	.9670	.9680	.9690	.9700	.9710	.9720	.9730	.9740	.9750	.9760
81	.9674	.9684	.9694	.9704	.9714	.9724	.9734	.9744	.9754	.9764
82	.9677	.9687	.9697	.9707	.9717	.9727	.9737	.9747	.9758	.9767
83	.9681	.9691	.9701	.9711	.9721	.9731	.9741	.9751	.9761	.9771
84	.9684	.9694	.9704	.9514	.9724	.9734	.9744	.9754	.9764	.9774
85	.9687	.9697	.9707	.9717	.9727	.9737	.9747	.9757	.9767	.9777
86	.9691	.9701	.9711	.9721	.9731	.9741	.9751	.9761	.9771	.9781
87	.9694	.9704	.9714	.9724	.9734	.9744	.9754	.9764	.9774	.9784
88	.9698	.9708	.9718	.9728	.9738	.9748	.9758	.9768	.9778	.9788
89	.9701	.9711	.9721	.9731	.9741	.9751	.9761	.9771	.9781	.9791
90	.9704	.9714	.9724	.9734	.9744	.9754	.9764	.9774	.9784	.9794
91	.9708	.9718	.9728	.9738	.9748	.9758	.9768	.9778	.9788	.9798
92	.9712	.9722	.9732	.9742	.9752	.9762	.9772	.9782	.9792	.9802
93	.9715	.9725	.9735	.9745	.9755	.9765	.9775	.9785	.9795	.9805
94	.9718	.9728	.9738	.9748	.9758	.9768	.9778	.9788	.9798	.9808
95	.9722	.9732	.9742	.9752	.9762	.9772	.9782	.9792	.9802	.9812
96	.9725	.9735	.9745	.9755	.9765	.9775	.9785	.9795	.9805	.9815
97	.9729	.9739	.9749	.9759	.9769	.9779	.9789	.9799	.9809	.9819
98	.9732	.9742	.9752	.9762	.9772	.9782	.9792	.9802	.9812	.9822
99	.9736	.9746	.9756	.9766	.9776	.9786	.9796	.9806	.9816	.9826
100	.9739	.9749	.9759	.9769	.9779	.9789	.9799	.9809	.9819	.9829
101	.9743	.9753	.9763	.9773	.9783	.9793	.9803	.9813	.9823	.9833
102	.9746	.9756	.9766	.9776	.9786	.9796	.9806	.9816	.9826	.9836
103	.9749	.9759	.9769	.9779	.9789	.9799	.9809	.9819	.9829	.9839
104	.9753	.9763	.9773	.9783	.9793	.9803	.9813	.9823	.9833	.9843
105	.9756	.9766	.9776	.9786	.9796	.9806	.9816	.9826	.9836	.9846
106	.9759	.9769	.9779	.9789	.9799	.9809	.9819	.9829	.9839	.9849
107	.9763	.9773	.9783	.9793	.9803	.9813	.9823	.9833	.9843	.9853
108	.9766	.9776	.9786	.9796	.9806	.9816	.9826	.9836	.9846	.9856
109	.9770	.9780	.9790	.9800	.9810	.9820	.9830	.9840	.9850	.9860
110	.9773	.9783	.9793	.9803	.9813	.9823	.9833	.9843	.9853	.9863
111	.9776	.9786	.9796	.9806	.9816	.9826	.9836	.9846	.9856	.9866
112	.9780	.9790	.9800	.9810	.9820	.9830	.9840	.9850	.9860	.9870
113	.9784	.9794	.9804	.9814	.9824	.9834	.9844	.9854	.9864	.9874
114	.9787	.9797	.9807	.9817	.9827	.9837	.9847	.9857	.9867	.9877
115	.9790	.9800	.9810	.9820	.9830	.9840	.9850	.9860	.9870	.9880
116	.9794	.9804	.9814	.9824	.9834	.9844	.9854	.9864	.9874	.9884
117	.9797	.9807	.9817	.9827	.9837	.9847	.9857	.9867	.9877	.9887
118	.9800	.9810	.9820	.9830	.9840	.9850	.9860	.9870	.9880	.9890
119	.9804	.9814	.9824	.9834	.9844	.9854	.9864	.9874	.9884	.9894
120	.9807	.9817	.9827	.9837	.9847	.9857	.9867	.9877	.9887	.9897
121	.9811	.9821	.9831	.9841	.9851	.9861	.9871	.9881	.9891	.9901
122	.9815	.9825	.9835	.9845	.9855	.9864	.9874	.9884	.9894	.9904
123	.9818	.9828	.9838	.9848	.9858	.9868	.9878	.9888	.9898	.9908
124	.9821	.9831	.9841	.9851	.9861	.9871	.9881	.9891	.9901	.9911
125	.9825	.9835	.9845	.9855	.9865	.9874	.9884	.9894	.9904	.9914
126	.9828	.9838	.9848	.9858	.9868	.9877	.9887	.9897	.9907	.9917
127	.9831	.9841	.9851	.9861	.9871	.9881	.9891	.9901	.9911	.9921
128	.9835	.9845	.9855	.9865	.9875	.9884	.9894	.9904	.9914	.9924
129	.9838	.9848	.9858	.9868	.9878	.9887	.9897	.9907	.9917	.9927

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	0.960	0.961	0.962	0.963	0.964	0.965	0.966	0.967	0.968	0.969
	Corresponding specific gravities at 60°/60° F.									
130	0.9841	0.9851	0.9861	0.9871	0.9881	0.9891	0.9901	0.9911	0.9921	0.9931
131	.9845	.9855	.9865	.9875	.9885	.9894	.9904	.9914	.9924	.9934
132	9848	.9858	.9868	.9878	.9888	.9898	.9908	.9918	.9928	.9938
133	.9851	.9861	.9871	.9881	.9891	.9901	.9911	.9921	.9931	.9941
134	.9855	.9865	.9875	.9885	.9895	.9904	.9914	.9924	.9934	.9944
135	.9858	.9868	.9878	.9888	.9898	.9908	.9918	.9928	.9938	.9948
136	.9861	.9871	.9881	.9891	.9901	.9911	.9921	.9931	.9941	.9951
137	.9865	.9875	.9885	.9895	.9905	.9915	.9925	.9935	9945	.9955
138	.9868	.9878	.9888	.9898	.9908	.9918	.9928	.9938	.9948	.9958
139	.9871	.9881	.9891	.9901	.9911	.9921	.9931	.9941	.9951	.9961
140	.9875	.9885	.9895	.9905	.9915	.9925	.9935	.9945	.9955	.9965
141	.9878	.9888	.9898	.9908	.9918	.9928	.9938	.9948	.9958	.9968
142	.9881	.9891	.9901	.9911	.9921	.9931	.9941	.9951	.9961	.9971
143	.9884	.9894	.9904	.9914	.9924	.9934	.9944	.9954	.9964	.9974
144	.9888	.9898	.9908	.9918	.9928	.9938	.9948	.9958	.9968	.9978
145	.9891	.9901	.9911	.9921	.9931	.9941	.9951	.9961	.9971	.9981
146	.9895	.9905	.9915	.9925	.9935	.9945	.9955	.9965	.9975	.9985
147	.9898	.9908	.9918	.9928	.9938	.9948	.9958	.9968	.9978	.9988
148	.9901	.9911	.9921	.9931	.9941	.9951	.9961	.9971	.9981	.9991
149	.9905	.9915	.9925	.9935	.9945	.9954	.9964	.9974	.9984	.9994
150	.9908	.9918	.9928	.9938	.9948	.9958	.9968	.9978	.9988	.9998
151	.9911	.9921	.9931	.9941	.9951	.9961	.9971	.9981	.9991	1.0001
152	.9914	.9924	.9934	.9944	.9954	.9964	.9974	.9984	.9994	1.0004
153	.9918	.9928	.9938	.9948	.9958	.9968	.9978	.9988	.9998	1.0008
154	.9921	.9931	.9941	.9951	.9961	.9971	.9981	.9991	1.0001	1.0011
155	.9925.	.9935	.9945	.9955	.9965	.9975	.9985	.9995	1.0005	1.0015
156	.9928	.9938	.9948	.9958	.9968	.9978	.9988	.9998	1.0008	1.0018
157	.9932	.9942	.9952	.9962	.9972	.9982	.9992	1.0002	1.0012	1.0022
158	.9936	.9946	.9956	.9966	.9976	.9985	.9995	1.0005	1.0015	1.0025
159	.9939	.9949	.9959	.9969	.9979	.9988	.9998	1.0008	1.0018	1.0028
160	.9942	.9952	.9962	.9972	.9982	.9991	1.0001	1.0011	1.0021	1.0031
161	.9945	.9955	.9965	.9975	.9985	.9994	1.0004	1.0014	1.0024	1.0034
162	.9948	.9958	.9968	.9978	.9988	.9997	1.0007	1.0017	1.0027	1.0037
163	.9951	.9961	.9971	.9981	.9991	1.0000	1.0010	1.0020	1.0030	1.0040
164	.9954	.9964	.9974	.9984	.9994	1.0003	1.0013	1.0023	1.0033	1.0043
165	.9958	.9968	.9978	.9988	.9998	1.0007	1.0017	1.0027	1.0037	1.0047
166	.9961	.9971	.9981	.9991	1.0001	1.0010	1.0020	1.0030	1.0040	1.0050
167	.9965	.9975	.9985	.9995	1.0004	1.0014	1.0024	1.0034	1.0044	1.0054
168	.9968	.9978	.9988	.9998	1.0008	1.0017	1.0027	1.0037	1.0047	1.0057
169	.9971	.9981	.9991	1.0001	1.0011	1.0020	1.0030	1.0040	1.0050	1.0060
170	.9974	.9984	.9994	1.0004	1.0014	1.0023	1.0033	1.0043	1.0053	1.0063
171	.9977	.9987	.9997	1.0007	1.0017	1.0026	1.0036	1.0046	1.0056	1.0066
172	.9980	.9990	1.0000	1.0010	1.0020	1.0029	1.0039	1.0049	1.0059	1.0069
173	.9983	.9993	1.0003	1.0013	1.0023	1.0032	1.0042	1.0052	1.0062	1.0072
174	.9986	.9996	1.0006	1.0016	1.0026	1.0035	1.0045	1.0055	1.0065	1.0075
175	.9989	.9999	1.0009	1.0019	1.0029	1.0038	1.0048	1.0058	1.0068	1.0078
176	.9992	1.0002	1.0012	1.0022	1.0032	1.0041	1.0051	1.0061	1.0071	1.0081
177	.9996	1.0006	1.0016	1.0026	1.0036	1.0045	1.0055	1.0065	1.0075	1.0085
178	.9999	1.0009	1.0019	1.0029	1.0039	1.0048	1.0058	1.0068	1.0078	1.0088
179	1.0002	1.0012	1.0022	1.0032	1.0042	1.0051	1.0061	1.0071	1.0081	1.0091
180	1.0005	1.0015	1.0025	1.0035	1.0045	1.0054	1.0064	1.0074	1.0084	1.0094
181	1.0008	1.0018	1.0028	1.0038	1.0048	1.0057	1.0067	1.0077	1.0087	1.0097
182	1.0011	1.0021	1.0031	1.0041	1.0051	1.0060	1.0070	1.0080	1.0090	1.0100
183	1.0015	1.0025	1.0035	1.0045	1.0055	1.0064	1.0074	1.0084	1.0094	1.0104
184	1.0018	1.0028	1.0038	1.0048	1.0058	1.0067	1.0077	1.0087	1.0097	1.0107
185	1.0021	1.0031	1.0041	1.0051	1.0061	1.0070	1.0080	1.0090	1.0100	1.0110
186	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084	1.0094	1.0104	1.0114
187	1.0028	1.0038	1.0048	1.0058	1.0068	1.0077	1.0087	1.0097	1.0107	1.0117
188	1.0031	1.0041	1.0051	1.0061	1.0071	1.0080	1.0090	1.0100	1.0110	1.0120
189	1.0034	1.0044	1.0054	1.0064	1.0074	1.0083	1.0093	1.0103	1.0113	1.0123
190	1.0037	1.0047	1.0057	1.0067	1.0077	1.0086	1.0096	1.0106	1.0116	1.0126
191	1.0040	1.0050	1.0060	1.0070	1.0080	1.0089	1.0099	1.0109	1.0119	1.0129
192	1.0043	1.0053	1.0063	1.0073	1.0083	1.0092	1.0102	1.0112	1.0122	1.0132
193	1.0046	1.0056	1.0066	1.0076	1.0086	1.0095	1.0105	1.0115	1.0125	1.0135
194	1.0050	1.0060	1.0070	1.0080	1.0090	1.0099	1.0109	1.0119	1.0129	1.0139
195	1.0053	1.0063	1.0073	1.0083	1.0093	1.0102	1.0112	1.0122	1.0132	1.0142

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	0.970	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979
	Corresponding specific gravities at 60°/60° F.									
0	0.9486	0.9496	0.9506	0.9516	0.9526	0.9536	0.9546	0.9556	0.9566	0.9576
1	.9489	.9499	.9509	.9519	.9529	.9539	.9549	.9559	.9569	.9579
2	.9492	.9502	.9512	.9522	.9532	.9542	.9552	.9562	.9572	.9582
3	.9496	.9506	.9516	.9526	.9536	.9546	.9556	.9566	.9576	.9586
4	.9500	.9510	.9520	.9530	.9540	.9550	.9560	.9570	.9580	.9590
5	.9503	.9513	.9523	.9533	.9543	.9553	.9563	.9573	.9583	.9593
6	.9507	.9517	.9527	.9537	.9547	.9557	.9567	.9577	.9587	.9597
7	.9510	.9520	.9530	.9540	.9550	.9560	.9570	.9580	.9590	.9600
8	.9513	.9523	.9533	.9543	.9553	.9563	.9573	.9583	.9593	.9603
9	.9517	.9527	.9537	.9547	.9557	.9567	.9577	.9587	.9597	.9607
10	.9521	.9531	.9541	.9551	.9561	.9571	.9581	.9591	.9601	.9611
11	.9524	.9534	.9544	.9554	.9564	.9574	.9584	.9594	.9604	.9614
12	.9528	.9538	.9548	.9558	.9568	.9578	.9588	.9598	.9608	.9618
13	.9531	.9541	.9551	.9561	.9571	.9582	.9592	.9602	.9612	.9622
14	.9535	.9545	.9555	.9565	.9575	.9585	.9595	.9605	.9615	.9625
15	.9538	.9548	.9558	.9568	.9578	.9589	.9599	.9609	.9619	.9629
16	.9542	.9552	.9562	.9572	.9582	.9593	.9603	.9613	.9623	.9633
17	.9545	.9555	.9565	.9575	.9585	.9596	.9606	.9616	.9626	.9636
18	.9549	.9559	.9569	.9579	.9589	.9600	.9610	.9620	.9630	.9640
19	.9553	.9563	.9573	.9583	.9593	.9604	.9614	.9624	.9634	.9644
20	.9556	.9566	.9576	.9586	.9596	.9607	.9617	.9627	.9637	.9647
21	.9560	.9570	.9580	.9590	.9600	.9611	.9621	.9631	.9641	.9651
22	.9564	.9574	.9584	.9594	.9604	.9615	.9625	.9635	.9645	.9655
23	.9568	.9578	.9588	.9598	.9608	.9618	.9628	.9638	.9648	.9658
24	.9571	.9581	.9591	.9601	.9611	.9622	.9632	.9642	.9652	.9662
25	.9574	.9584	.9594	.9604	.9614	.9625	.9635	.9645	.9655	.9665
26	.9578	.9588	.9598	.9608	.9618	.9629	.9639	.9649	.9659	.9669
27	.9582	.9592	.9602	.9612	.9622	.9633	.9643	.9653	.9663	.9673
28	.9586	.9596	.9606	.9616	.9626	.9637	.9647	.9657	.9667	.9677
29	.9590.	.9600	.9610	.9620	.9630	.9641	.9651	.9661	.9671	.9681
30	.9593.	.9603	.9613	.9623	.9633	.9644	.9654	.9664	.9674	.9684
31	.9597	.9607	.9617	.9627	.9637	.9647	.9657	.9667	.9677	.9687
32	.9601	.9611	.9621	.9631	.9641	.9651	.9661	.9671	.9681	.9691
33	.9604	.9614	.9624	.9634	.9644	.9655	.9665	.9675	.9685	.9695
34	.9607	.9617	.9627	.9637	.9647	.9658	.9668	.9678	.9688	.9698
35	.9611	.9621	.9631	.9641	.9651	.9662	.9672	.9682	.9692	.9702
36	.9614	.9624	.9634	.9644	.9654	.9665	.9675	.9685	.9695	.9705
37	.9618	.9628	.9638	.9648	.9658	.9669	.9679	.9689	.9699	.9709
38	.9622	.9632	.9642	.9652	.9662	.9673	.9683	.9693	.9703	.9713
39	.9625	.9635	.9645	.9655	.9665	.9676	.9686	.9696	.9706	.9716
40	.9629	.9639	.9649	.9659	.9669	.9680	.9690	.9700	.9710	.9720
41	.9633	.9643	.9653	.9663	.9673	.9683	.9693	.9703	.9713	.9723
42	.9636	.9646	.9656	.9666	.9676	.9687	.9697	.9707	.9717	.9727
43	.9640	.9650	.9660	.9670	.9680	.9691	.9701	.9711	.9721	.9731
44	.9643	.9653	.9663	.9673	.9683	.9694	.9704	.9714	9724	.9734
45	.9647	.9657	.9667	.9677	.9687	.9698	.9708	.9718	.9728	.9738
46	.9650	.9660	.9670	.9680	.9690	.9701	.9711	.9721	.9731	.9741
47	.9654	.9664	.9674	.9684	.9694	.9704	.9714	.9724	.9734	.9744
48	.9657	.9667	.9677	.9687	.9697	.9707	.9717	.9727	.9737	.9747
49	.9661	.9671	.9681	.9691	.9701	.9711	.9721	.9731	.9741	.9751
50	.9665	.9675	.9685	.9695	.9705	.9715	.9725	.9735	.9745	.9755
51	.9668	.9678	.9688	.9698	.9708	.9718	.9728	.9738	.9748	.9758
52	.9672	.9682	.9692	.9702	9712	.9722	.9732	.9742	.9752	.9762
53	.9675	.9685	.9695	.9705	.9715	.9725	.9735	.9745	.9755	.9765
54	.9679	.9689	.9699	.9709	.9719	.9729	.9739	.9749	.9759	.9769
55	.9682	.9692	.9702	.9712	.9722	.9732	.9742	.9752	.9762	.9772
56	.9686	.9696	.9706	.9716	.9726	.9736	.9746	.9756	.9766	.9776
57	.9690	.9700	.9710	.9720	.9730	.9740	.9750	.9760	.9770	.9780
58	.9693	.9703	.9713	.9723	.9733	.9743	.9753	.9763	.9773	.9783
59	.9697	.9707	.9717	.9727	.9737	.9747	.9757	.9767	.9777	.9787
60	.9700	.9710	.9720	.9730	.9740	.9750	.9760	.9770	.9780	.9790
61	.9704	.9714	.9724	.9734	.9744	.9754	.9764	.9774	.9784	.9794
62	.9707	.9717	.9727	.9737	.9747	.9757	.9767	.9777	.9787	.9797
63	.9710	.9720	.9730	.9740	.9750	.9760	.9770	.9780	.9790	.9800
64	.9714	.9724	.9734	.9744	.9754	.9764	.9774	.9784	.9794	.9804

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	0.970	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979
	Corresponding specific gravities at 60°/60° F.									
65	0.9718	0.9728	0.9738	0.9748	0.9758	0.9768	0.9778	0.9788	0.9798	0.9808
66	.9721	.9731	.9741	.9751	.9761	.9771	.9781	.9791	.9801	.9811
67	.9725	.9735	.9745	.9755	.9765	.9775	.9785	.9795	.9805	.9815
68	.9728	.9738	.9748	.9758	.9768	.9778	.9788	.9798	.9808	.9818
69	.9731	.9741	.9751	.9761	.9771	.9781	.9791	.9801	.9811	.9821
70	.9735	.9745	.9755	.9765	.9775	.9785	.9795	.9805	.9815	.9825
71	.9738	.9748	.9758	.9768	.9778	9788	.9798	.9808	.9818	.9828
72	.9742	.9752	.9762	.9772	.9782	.9792	.9802	.9812	.9822	.9832
73	.9745	.9755	.9765	.9775	.9785	.9795	.9805	.9815	.9825	.9835
74	.9749	.9759	.9769	.9779	.9789	.9799	.9809	.9819	.9829	.9839
75	.9753	.9763	.9773	.9783	.9793	.9803	.9813	.9823	.9833	.9843
76	.9756	.9766	.9776	.9786	.9796	.9806	.9816	.9826	.9836	.9846
77	.9760	.9770	.9780	.9790	.9800	.9810	.9820	.9830	.9840	.9850
78	.9763	.9773	.9783	.9793	.9803	.9813	.9823	.9833	.9843	.9853
79	.9766	.9776	.9786	.9796	.9806	.9816	.9826	.9836	.9846	.9856
80	.9770	.9780	.9790	.9800	.9810	.9820	.9830	.9840	.9850	.9860
81	.9774	.9784	.9794	.9804	.9814	.9824	.9834	.9844	.9854	.9864
82	.9777	.9787	.9797	.9807	.9817	.9827	.9837	.9847	.9857	.9867
83	.9781	.9791	.9801	.9811	.9821	.9831	.9841	.9851	.9861	.9871
84	.9784	.9794	.9804	.9814	.9824	.9834	.9844	.9854	.9864	.9874
85	.9787	.9797	.9807	.9817	.9827	.9837	.9847	.9857	.9867	.9877
86	9791	.9801	.9811	.9821	.9831	.9841	.9851	.9861	.9871	.9881
87	.9794	.9804	.9814	.9824	.9834	.9844	.9854	.9864	.9874	.9884
88	.9798	.9808	.9818	.9828	.9838	.9848	.9858	.9868	.9878	.9888
89	.9801	.9811	.9821	.9831	.9841	.9851	.9861	.9871	9881	.9891
90	.9804	.9814	.9824	.9834	.9844	.9854	.9864	.9874	.9884	.9894
91	.9808	.9818	.9828	.9838	.9848	.9858	.9868	.9878	.9888	.9898
92	.9812	.9822	.9832	.9842	.9852	.9862	.9872	.9882	.9892	.9902
93	.9815	.9825	.9835	.9845	.9855	.9865	.9875	.9885	.9895	.9905
94	.9818	.9828	.9838	.9848	.9858	.9868	.9878	.9888	.9898	.9908
95	.9822	.9832	.9842	.9852	.9862	.9872	.9882	.9892	.9902	.9912
96	.9825	.9835	.9845	.9855	.9865	.9875	.9885	.9895	.9905	9915
97	.9829	.9839	.9849	.9859	.9869	.9879	.9889	.9899	.9909	.9919
98	.9832	.9842	.9852	.9862	.9872	.9882	.9892	.9902	.9912	.9922
99	.9836	.9846	.9856	.9866	.9876	.9886	.9896	.9906	.9916	.9926
100	.9839	.9849	.9859	.9869	.9879	.9889	.9899	.9909	.9919	.9929
101	.9843	.9853	.9863	.9873	.9883	.9893	.9903	.9913	.9923	.9933
102	.9846	.9856	.9866	.9876	.9886	.9896	.9906	.9916	.9926	.9936
103	.9849	.9859	.9869	.9879	.9889	.9899	9909	.9919	.9929	.9939
104	.9853	.9863	.9873	.9883	.9893	.9903	.9913	.9923	.9933	.9943
105	.9856	.9866	.9876	.9886	.9896	.9906	.9916	.9926	.9936	.9946
106	.9859	.9869	.9879	.9889	.9899	.9909	.9919	.9929	.9939	.9949
107	.9863	.9873	.9883	.9893	.9903	.9913	.9923	.9933	.9943	.9953
108	.9866	.9876	.9886	.9896	.9906	.9916	.9926	.9936	.9946	.9956
109	.9870	.9880	.9890	.9900	.9910	.9920	.9930	.9940	.9950	.9960
110	.9873	.9883	.9893	.9903	.9913	.9923	.9933	.9943	.9953	.9963
111	.9876	.9886	.9896	.9906	.9916	.9926	.9936	.9946	.9956	.9966
112	.9880	.9890	.9900	.9910	.9920	.9930	.9940	.9950	.9960	.9970
113	.9884	.9894	.9904	.9914	.9924	.9934	.9944	.9954	.9964	.9974
114	.9887	.9897	.9907	.9917	.9927	.9937	.9947	.9957	.9967	.9977
115	.9890	.9900	.9910	.9920	.9930	.9940	.9950	.9960	.9970	.9980
116	.9894	.9904	.9914	.9924	.9934	.9944	.9954	.9964	.9974	.9984
117	.9897	.9907	.9917	.9927	.9937	.9947	.9957	.9967	.9977	.9987
118	.9900	.9910	.9920	.9930	.9940	.9950	.9960	.9970	.9980	.9990
119	.9904	.9914	.9924	.9934	.9944	.9954	.9964	.9974	.9984	.9994
120	.9907	.9917	.9927	.9937	.9947	.9957	.9967	.9977	.9987	.9997
121	.9911	.9921	.9931	.9941	.9951	.9961	.9971	.9981	.9991	1.0001
122	.9914	.9924	.9934	.9944	.9954	.9964	.9974	.9984	.9994	1.0004
123	.9918	.9928	.9938	.9948	.9958	.9967	.9977	.9987	.9997	1.0007
124	.9921	.9931	.9941	.9951	.9961	.9970	.9980	.9990	1.0000	1.0010
125	.9924	.9934	.9944	.9954	.9964	.9974	.9984	.9994	1.0004	1.0014
126	.9927	.9937	.9947	.9957	.9967	.9977	.9987	.9997	1.0007	1.0017
127	.9931	.9941	.9951	.9961	.9971	.9980	.9990	1.0000	1.0010	1.0020
128	.9934	.9944	.9954	.9964	.9974	.9984	.9994	1.0004	1.0014	1.0024
129	.9937	.9947	.9957	.9967	.9977	.9987	.9997	1.0007	1.0017	1.0027

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	0.970	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979
	Corresponding specific gravities at 60°/60° F.									
130	0.9941	0.9951	0.9961	0.9971	0.9981	0.9991	1.0001	1.0011	1.0021	1.0031
131	.9944	.9954	.9964	.9974	.9984	.9994	1.0004	1.0014	1.0024	1.0034
132	.9948	.9958	.9968	.9978	.9988	.9998	1.0008	1.0018	1.0028	1.0038
133	.9951	.9961	.9971	.9981	.9991	1.0001	1.0011	1.0021	1.0031	1.0041
134	.9954	.9964	.9974	.9984	.9994	1.0004	1.0014	1.0024	1.0034	1.0044
135	.9958	.9968	.9978	.9988	.9998	1.0007	1.0017	1.0027	1.0037	1.0047
136	.9961	.9971	.9981	.9991	1.0001	1.0010	1.0020	1.0030	1.0040	1.0050
137	.9965	.9975	.9985	.9995	1.0005	1.0014	1.0024	1.0034	1.0044	1.0054
138	.9968	.9978	.9988	.9998	1.0008	1.0018	1.0028	1.0038	1.0048	1.0058
139	.9971	.9981	.9991	1.0001	1.0011	1.0021	1.0031	1.0041	1.0051	1.0061
140	.9975	.9985	.9995	1.0005	1.0015	1.0024	1.0034	1.0044	1.0054	1.0064
141	.9978	.9988	.9998	1.0008	1.0018	1.0027	1.0037	1.0047	1.0057	1.0067
142	.9981	.9991	1.0001	1.0011	1.0021	1.0030	1.0040	1.0050	1.0060	1.0070
143	.9984	.9994	1.0004	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074
144	.9988	.9998	1.0008	1.0018	1.0028	1.0037	1.0047	1.0057	1.0067	1.0077
145	.9991	1.0001	1.0011	1.0021	1.0031	1.0040	1.0050	1.0060	1.0070	1.0080
146	.9995	1.0005	1.0015	1.0025	1.0035	1.0044	1.0054	1.0064	1.0074	1.0084
147	.9998	1.0008	1.0018	1.0028	1.0038	1.0047	1.0057	1.0067	1.0077	1.0087
148	1.0001	1.0011	1.0021	1.0031	1.0041	1.0051	1.0061	1.0071	1.0081	1.0091
149	1.0004	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084	1.0094
150	1.0008	1.0018	1.0028	1.0038	1.0048	1.0058	1.0068	1.0078	1.0088	1.0098
151	1.0011	1.0021	1.0031	1.0041	1.0051	1.0061	1.0071	1.0081	1.0091	1.0101
152	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084	1.0094	1.0104
153	1.0018	1.0028	1.0038	1.0048	1.0058	1.0067	1.0077	1.0087	1.0097	1.0107
154	1.0021	1.0031	1.0041	1.0051	1.0061	1.0070	1.0080	1.0090	1.0100	1.0110
155	1.0025	1.0035	1.0045	1.0055	1.0065	1.0074	1.0084	1.0094	1.0104	1.0114
156	1.0028	1.0038	1.0048	1.0058	1.0068	1.0077	1.0087	1.0097	1.0107	1.0117
157	1.0032	1.0042	1.0052	1.0062	1.0072	1.0081	1.0091	1.0101	1.0111	1.0121
158	1.0035	1.0045	1.0055	1.0065	1.0075	1.0084	1.0094	1.0104	1.0114	1.0124
159	1.0038	1.0048	1.0058	1.0068	1.0078	1.0087	1.0097	1.0107	1.0117	1.0127
160	1.0041	1.0051	1.0061	1.0071	1.0081	1.0090	1.0100	1.0110	1.0120	1.0130
161	1.0044	1.0054	1.0064	1.0074	1.0084	1.0093	1.0103	1.0113	1.0123	1.0133
162	1.0047	1.0057	1.0067	1.0077	1.0087	1.0096	1.0106	1.0116	1.0126	1.0136
163	1.0050	1.0060	1.0070	1.0080	1.0090	1.0099	1.0109	1.0119	1.0129	1.0139
164	1.0053	1.0063	1.0073	1.0083	1.0093	1.0102	1.0112	1.0122	1.0132	1.0142
165	1.0057	1.0067	1.0077	1.0087	1.0097	1.0106	1.0116	1.0126	1.0136	1.0146
166	1.0060	1.0070	1.0080	1.0090	1.0100	1.0109	1.0119	1.0129	1.0139	1.0149
167	1.0064	1.0074	1.0084	1.0094	1.0104	1.0113	1.0123	1.0133	1.0143	1.0153
168	1.0067	1.0077	1.0087	1.0097	1.0107	1.0116	1.0126	1.0136	1.0146	1.0156
169	1.0070	1.0080	1.0090	1.0100	1.0110	1.0119	1.0129	1.0139	1.0149	1.0159
170	1.0073	1.0083	1.0093	1.0103	1.0113	1.0122	1.0132	1.0142	1.0152	1.0162
171	1.0076	1.0086	1.0096	1.0106	1.0116	1.0125	1.0135	1.0145	1.0155	1.0165
172	1.0079	1.0089	1.0099	1.0109	1.0119	1.0128	1.0138	1.0148	1.0158	1.0168
173	1.0082	1.0092	1.0102	1.0112	1.0122	1.0131	1.0141	1.0151	1.0161	1.0171
174	1.0085	1.0095	1.0105	1.0115	1.0125	1.0134	1.0144	1.0154	1.0164	1.0174
175	1.0088	1.0098	1.0108	1.0118	1.0128	1.0137	1.0147	1.0157	1.0167	1.0177
176	1.0091	1.0101	1.0111	1.0121	1.0131	1.0140	1.0150	1.0160	1.0170	1.0180
177	1.0095	1.0105	1.0115	1.0125	1.0135	1.0144	1.0154	1.0164	1.0174	1.0184
178	1.0098	1.0108	1.0118	1.0128	1.0138	1.0147	1.0157	1.0167	1.0177	1.0187
179	1.0101	1.0111	1.0121	1.0131	1.0141	1.0150	1.0160	1.0170	1.0180	1.0190
180	1.0104	1.0114	1.0124	1.0134	1.0144	1.0153	1.0163	1.0173	1.0183	1.0193
181	1.0107	1.0117	1.0127	1.0137	1.0147	1.0156	1.0166	1.0176	1.0186	1.0196
182	1.0110	1.0120	1.0130	1.0140	1.0150	1.0159	1.0169	1.0179	1.0189	1.0199
183	1.0114	1.0124	1.0134	1.0144	1.0154	1.0163	1.0173	1.0183	1.0193	1.0203
184	1.0117	1.0127	1.0137	1.0147	1.0157	1.0166	1.0176	1.0186	1.0196	1.0206
185	1.0120	1.0130	1.0140	1.0150	1.0160	1.0170	1.0180	1 0190	1.0200	1.0210
186	1.0124	1.0134	1.0144	1.0154	1.0164	1.0173	1.0183	1.0193	1.0203	1.0213
187	1.0127	1.0137	1.0147	1.0157	1.0167	1.0176	1.0186	1.0196	1.0206	1.0216
188	1.0130	1.0140	1.0150	1.0160	1.0170	1.0179	1.0189	1.0199	1.0209	1.0219
189	1.0133	1.0143	1.0153	1.0163	1.0173	1.0182	1.0192	1.0202	1.0212	1.0222
190	1.0136	1.0146	1.0156	1.0166	1.0176	1.0185	1.0195	1.0205	1.0215	1.0225
191	1.0139	1.0149	1.0159	1.0169	1.0179	1.0188	1.0198	1.0208	1.0218	1.0228
192	1.0142	1.0152	1.0162	1.0172	1.0182	1.0191	1.0201	1.0211	1.0221	1.0231
193	1.0145	1.0155	1.0165	1.0175	1.0185	1.0194	1.0204	1.0214	1.0224	1.0234
194	1.0149	1.0159	1.0169	1.0179	1.0189	1.0198	1.0208	1.0218	1.0228	1.0238
195	1.0152	1.0162	1.0172	1.0182	1.0192	1.0201	1.0211	1.0221	1.0231	1.0241

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	0.980	0.981	0.982	0.983	0.984	0.985	0.986	0.987	0.988	0.989
	Corresponding specific gravities at 60°/60° F.									
0	0.9586	0.9596	0.9606	0.9616	0.9626	0.9636	0.9646	0.9656	0.9666	0.9676
1	.9589	.9599	.9609	.9619	.9629	.9639	.9649	.9659	.9669	.9679
2	.9592	.9602	.9612	.9622	.9632	.9642	.9652	.9662	.9672	.9682
3	.9596	.9606	.9616	.9626	.9636	.9646	.9656	.9666	.9676	.9686
4	.9600	.9610	.9620	.9630	.9640	.9650	.9660	.9670	.9680	.9690
5	.9603	.9613	.9623	.9633	.9643	.9653	.9663	.9673	.9683	.9693
6	.9607	.9617	.9627	.9637	.9647	.9657	.9667	.9677	.9687	.9697
7	.9610	.9620	.9630	.9640	.9650	.9660	.9670	.9680	.9690	.9700
8	.9613	.9623	.9633	.9643	.9653	.9663	.9678	.9683	.9693	.9703
9	.9617	.9627	.9637	.9647	.9657	.9667	.9677	.9687	.9697	.9707
10	.9621	.9631	.9641	.9651	.9661	.9671	.9681	.9691	.9701	.9711
11	.9624	.9634	.9644	.9654	.9664	.9675	.9685	.9695	.9705	.9715
12	.9628	.9638	.9648	.9658	.9668	.9678	,9688	.9698	.9708	.9718
13	.9632	.9642	.9652	.9662	.9672	.9682	.9692	.9702	.9712	9722
14	.9635	.9645	.9655	.9665	.9675	.9685	.9695	.9705	.9715	.9725
15	.9639	.9649	.9659	.9669	.9679	.9689	.9699	.9709	.9719	.9729
16	.9643	.9653	.9663	.9673	.9683	.9693	.9703	.9713	.9723	.9733
17	.9646	.9656	.9666	.9676	.9686	.9696	.9706	.9716	.9726	.9736
18	.9650	.9660	.9670	.9680	.9690	.9700	.9710	.9720	.9730	.9740
19	.9654	.9664	.9674	.9684	.9694	.9704	.9714	.9724	.9734	.9744
20	.9657	.9667	.9677	.9687	.9697	.9707	.9717	.9727	.9737	.9747
21	.9661	.9671	.9681	.9691	.9701	.9711	.9721	.9731	.9741	.9751
22	.9665	.9675	.9685	.9695	.9705	.9715	.9725	.9735	.9745	.9755
23	.9668	.9678	.9688	.9698	.9708	.9718	.9728	.9738	.9748	.9758
24	.9672	.9682	.9692	.9702	.9712	.9722	.9732	.9742	.9752	.9762
25	.9675	.9685	.9695	.9705	.9715	.9725	.9735	.9745	.9755	.9765
26	.9679	.9689	.9699	.9709	.9719	.9729	.9739	9749	.9759	.9769
27	.9683	.9693	.9703	.9713	.9723	.9733	.9743	.9753	.9763	.9773
28	.9687	.9697	.9707	.9717	.9727	.9737	.9747	.9757	.9767	.9777
29	.9691	.9701	.9711	.9721	.9731	.9741	.9751	.9761	.9771	.9781
30	.9694	.9704	.9714	.9724	.9734	.9744	.9754	.9764	.9774	.9784
31	.9697	.9707	.9717	.9727	.9737	.9748	.9758	.9768	.9778	.9788
32	.9701	.9711	.9721	.9731	.9741	.9751	.9761	.9771	.9781	.9791
33	.9705	.9715	.9725	.9735	.9745	.9755	.9765	.9775	.9785	.9795
34	.9708	.9718	.9728	.9738	.9748	.9758	.9768	.9778	.9788	.9798
35	.9712	.9722	.9732	.9742	.9752	.9762	.9772	.9782	.9792	.9802
36	.9715	.9725	.9735	.9745	.9755	.9766	.9776	.9786	.9796	.9806
37	.9719	.9729	.9739	.9749	.9759	.9769	.9779	.9789	.9799	.9809
38	.9723	.9733	.9743	.9753	.9763	.9773	.9783	.9793	.9803	.9813
39	.9726	.9736	.9746	.9756	.9766	.9776	.9786	.9796	.9806	.9816
40	.9730	.9740	.9750	.9760	.9770	.9780	.9790	.9800	.9810	.9820
41	.9733	.9743	.9753	.9763	.9773	.9783	.9793	.9803	.9813	.9823
42	.9737	.9747	.9757	.9767	.9777	.9787	.9797	.9807	.9817	.9827
43	.9741	.9751	.9761	.9771	.9781	.9791	.9801	.9811	.9821	.9831
44	9744	.9754	.9764	.9774	.9784	.9794	.9804	.9814	.9824	.9834
45	.9748	.9758	.9768	.9778	.9788	.9798	.9808	.9818	.9828	.9838
46	.9751	.9761	.9771	.9781	.9791	.9801	.9811	.9821	.9831	.9841
47	.9754	.9764	.9774	.9784	.9794	.9804	.9814	.9824	.9834	.9844
48	.9757	.9767	.9777	.9787	.9797	.9807	.9817	.9827	.9837	.9847
49	.9761	.9771	.9781	.9791	.9801	.9811	.9821	.9831	.9841	.9851
50	.9765	.9775	.9785	.9795	.9805	.9815	.9825	.9835	.9845	.9855
51	.9768	.9778	.9788	.9798	.9808	.9818	.9828	.9838	.9848	.9858
52	.9772	.9782	.9792	.9802	.9812	.9822	.9832	.9842	.9852	.9862
53	.9775	.9785	.9795	.9805	.9815	.9825	.9835	.9845	.9855	.9865
54	.9779	.9789	.9799	.9809	.9819	.9829	.9839	.9849	.9859	.9869
55	.9782	.9792	.9802	.9812	.9822	.9832	.9842	.9852	.9862	.9872
56	.9786	.9796	.9806	.9816	.9826	.9836	.9846	.9856	.9866	.9876
57	.9790	.9800	.9810	.9820	.9830	.9840	.9850	.9860	.9870	.9880
58	.9793	.9803	.9813	.9823	.9833	.9843	.9853	.9863	.9873	.9883
59	.9797	.9807	.9817	.9827	.9837	.9847	.9857	.9867	.9877	.9887
60	.9800	.9810	.9820	.9830	.9840	.9850	.9860	.9870	.9880	.9890
61	.9804	.9814	.9824	.9834	.9844	.9854	.9864	.9874	.9884	.9894
62	.9807	.9817	.9827	.9837	.9847	.9857	.9867	.9877	.9887	.9897
63	.9810	.9820	.9830	.9840	.9850	.9860	9870	.9880	.9890	.9900
64	.9814	.9824	.9834	.9844	.9854	.9864	.9874	.9884	.9894	.9904

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	0.980	0.981	0.982	0.983	0.984	0.985	0.986	0.987	0.988	0.989
	Corresponding specific gravities at 60°/60° F.									
65	0.9818	0.9828	0.9838	0.9848	0.9858	0.9868	0.9878	0.9888	0.9898	0.9908
66	.9821	.9831	.9841	.9851	.9861	.9871	.9881	.9891	.9901	.9911
67	.9825	.9835	.9845	.9855	.9865	.9875	.9885	.9895	.9905	.9915
68	.9828	.9838	.9848	.9858	.9868	.9878	.9888	.9898	.9908	.9918
69	.9831	.9841	.9851	.9861	.9871	.9881	.9891	.9901	.9911	.9921
70	.9835	.9845	.9855	.9865	.9875	.9885	.9895	.9905	.9915	.9925
71	.9838	.9848	.9858	.9868	.9878	.9888	.9898	.9908	.9918	.9928
72	.9842	.9852	.9862	.9872	.9882	.9892	.9902	.9912	.9922	.9932
73	.9845	.9855	.9865	.9875	.9885	.9895	.9905	.9915	.9925	.9935
74	.9849	.9859	.9869	.9879	.9889	.9899	.9909	.9919	.9929	.9939
75	.9853	.9863	.9873	.9883	.9893	.9903	.9913	.9923	.9933	.9943
76	.9856	.9866	.9876	.9886	.9896	.9906	.9916	.9926	.9936	.9946
77	.9860	.9870	.9880	.9890	.9900	.9910	9920	.9930	.9940	.9950
78	.9863	.9873	.9883	9893	.9903	.9913	.9923	.9933	.9943	.9953
79	.9866	.9876	.9886	.9896	.9906	.9916	.9926	.9936	.9946	.9956
80	.9870	.9880	.9890	.9900	.9910	.9920	.9930	.9940	.9950	.9960
81	.9874	.9884	.9894	.9904	.9914	.9924	.9934	.9944	.9954	.9964
82	.9877	.9887	.9897	.9907	.9917	.9927	.9937	.9947	.9957	.9967
83	.9881	.9891	.9901	.9911	.9921	.9931	.9941	.9951	.9961	.9971
84	.9884	.9894	.9904	.9914	.9924	.9934	.9944	.9954	.9964	.9974
85	.9887	.9897	.9907	.9917	.9927	.9937	.9947	.9957	.9967	.9977
86	.9891	.9901	.9911	.9921	.9931	.9941	.9951	.9961	.9971	.9981
87	.9894	.9904	.9914	.9924	.9934	.9944	.9954	.9964	.9974	.9984
88	.9898	.9908	.9918	.9928	.9938	.9948	.9958	.9968	.9978	.9988
89	.9901	.9911	.9921	.9931	.9941	.9951	.9961	.9971	.9981	.9991
90	.9904	.9914	.9924	.9934	.9944	.9954	.9964	.9974	.9984	.9994
91	.9908	.9918	.9928	.9938	.9948	.9958	.9968	.9978	.9988	.9998
92	.9912	.9922	.9932	.9942	.9952	.9962	.9972	.9982	.9992	1.0002
93	.9915	.9925	.9935	.9945	.9955	.9965	.9975	.9985	.9995	1.0005
94	.9918	.9928	.9938	.9948	.9958	.9968	.9978	.9988	.9998	1.0008
95	.9922	.9932	.9942	.9952	.9962	.9972	.9982	.9992	1.0002	1.0012
96	.9925	.9935	.9945	.9955	.9965	.9975	.9985	.9995	1.0005	1.0015
97	.9929	.9939	.9949	.9959	.9969	.9979	.9989	.9999	1.0009	1.0019
98	.9932	.9942	.9952	.9962	.9972	.9982	.9992	1.0002	1.0012	1.0022
99	.9936	.9946	.9956	.9966	.9976	.9986	.9996	1.0006	1.0016	1.0026
100	.9939	.9949	.9959	.9969	.9979	.9989	.9999	1.0009	1.0019	1.0029
101	.9943	.9953	.9963	.9973	.9983	.9993	1.0003	1.0013	1.0023	1.0033
102	.9946	.9956	.9966	.9976	.9986	.9996	1.0006	1.0016	1.0026	1.0036
103	.9949	.9959	.9969	.9979	.9989	.9999	1.0009	1.0019	1.0029	1.0039
104	.9953	.9963	.9973	.9983	.9993	1.0003	1.0013	1.0023	1.0033	1.0043
105	.9956	.9966	.9976	.9986	.9996	1.0006	1.0016	1.0026	1.0036	1.0046
106	.9959	.9969	.9979	.9989	.9999	1.0009	1.0019	1.0029	1.0039	1.0049
107	.9963	.9973	.9983	.9993	1.0003	1.0013	1.0023	1.0033	1.0043	1.0053
108	.9966	.9976	.9986	.9996	1.0006	1.0016	1.0026	1.0036	1.0046	1.0056
109	.9970	.9980	.9990	1.0000	1.0010	1.0019	1.0029	1.0039	1.0049	1.0059
110	.9973	.9983	.9993	1.0003	1.0013	1.0023	1.0033	1.0043	1.0053	1.0063
111	.9976	.9986	.9996	1.0006	1.0016	1.0026	1.0036	1.0046	1.0056	1.0066
112	.9980	.9990	1.0000	1.0010	1.0020	1.0029	1.0039	1.0049	1.0059	1.0069
113	.9984	.9994	1.0004	1.0014	1.0024	1.0033	1.0043	1.0053	1.0063	1.0073
114	.9987	.9997	1.0007	1.0017	1.0027	1.0037	1.0047	1.0057	1.0067	1.0077
115	.9990	1.0000	1.0010	1.0020	1.0030	1.0040	1.0050	1.0060	1.0070	1.0080
116	.9994	1.0004	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084
117	.9997	1.0007	1.0017	1.0027	1.0037	1.0047	1.0057	1.0067	1.0077	1.0087
118	1.0000	1.0010	1.0020	1.0030	1.0040	1.0050	1.0060	1.0070	1.0080	1.0090
119	1.0004	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084	1.0094
120	1.0007	1.0017	1.0027	1.0037	1.0047	1.0057	1.0067	1.0077	1.0087	1.0097
121	1.0011	1.0021	1.0031	1.0041	1.0051	1.0061	1.0071	1.0081	1.0091	1.0101
122	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084	1.0094	1.0104
123	1.0017	1.0027	1.0037	1.0047	1.0057	1.0067	1.0077	1.0087	1.0097	1.0107
124	1.0020	1.0030	1.0040	1.0050	1.0060	1.0070	1.0080	1.0090	1.0100	1.0110
125	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084	1.0094	1.0104	1.0114
126	1.0027	1.0037	1.0047	1.0057	1.0067	1.0077	1.0087	1.0097	1.0107	1.0117
127	1.0030	1.0040	1.0050	1.0060	1.0070	1.0080	1.0090	1.0100	1.0110	1.0120
128	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084	1.0094	1.0104	1.0114	1.0124
129	1.0037	1.0047	1.0057	1.0067	1.0077	1.0087	1.0097	1.0107	1.0117	1.0127

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	0.980	0.981	0.982	0.983	0.984	0.985	0.986	0.987	0.988	0.989
	Corresponding specific gravities at 60°/60° F.									
130	1.0041	1.0051	1.0061	1.0071	1.0081	1.0091	1.0101	1.0111	1.0121	1.0131
131	1.0044	1.0054	1.0064	1.0074	1.0084	1.0094	1.0104	1.0114	1.0124	1.0134
132	1.0048	1.0058	1.0068	1.0078	1.0088	1.0098	1.0108	1.0118	1.0128	1.0138
133	1.0051	1.0061	1.0071	1.0081	1.0091	1.0101	1.0111	1.0121	1.0131	1.0141
134	1.0054	1.0064	1.0074	1.0084	1.0094	1.0104	1.0114	1.0124	1.0134	1.0144
135	1.0057	1.0067	1.0077	1.0087	1.0097	1.0107	1.0117	1.0127	1.0137	1.0147
136	1.0060	1.0070	1.0080	1.0090	1.0100	1.0110	1.0120	1.0130	1.0140	1.0150
137	1.0064	1.0074	1.0084	1.0094	1.0104	1.0114	1.0124	1.0134	1.0144	1.0154
138	1.0068	1.0078	1.0088	1.0098	1.0108	1.0118	1.0128	1.0138	1.0148	1.0158
139	1.0071	1.0081	1.0091	1.0101	1.0111	1.0121	1.0131	1.0141	1.0151	1.0161
140	1.0074	1.0084	1.0094	1.0104	1.0114	1.0124	1.0134	1.0144	1.0154	1.0164
141	1.0077	1.0087	1.0097	1.0107	1.0117	1.0127	1.0137	1.0147	1.0157	1.0167
142	1.0080	1.0090	1.0100	1.0110	1.0120	1.0130	1.0140	1.0150	1.0160	1.0170
143	1.0084	1.0094	1.0104	1.0114	1.0124	1.0134	1.0144	1.0154	1.0164	1.0174
144	1.0087	1.0097	1.0107	1.0117	1.0127	1.0137	1.0147	1.0157	1.0167	1.0177
145	1.0090	1.0100	1.0110	1.0120	1.0130	1.0140	1.0150	1.0160	1.0170	1.0180
146	1.0094	1.0104	1.0114	1.0124	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184
147	1.0097	1.0107	1.0117	1.0127	1.0137	1.0147	1.0157	1.0167	1.0177	1.0187
148	1.0101	1.0111	1.0121	1.0131	1.0141	1.0151	1.0161	1.0171	1.0181	1.0191
149	1.0104	1.0114	1.0124	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184	1.0194
150	1.0108	1.0118	1.0128	1.0138	1.0148	1.0157	1.0167	1.0177	1.0187	1.0197
151	1.0111	1.0121	1.0131	1.0141	1.0151	1.0160	1.0170	1.0180	1.0190	1.0200
152	1.0114	1.0124	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184	1.0194	1.0204
153	1.0117	1.0127	1.0137	1.0147	1.0157	1.0167	1.0177	1.0187	1.0197	1.0207
154	1.0120	1.0130	1.0140	1.0150	1.0160	1.0170	1.0180	1.0190	1.0200	1.0210
155	1.0124	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184	1.0194	1.0204	1.0214
156	1.0127	1.0137	1.0147	1.0157	1.0167	1.0177	1.0187	1.0197	1.0207	1.0217
157	1.0131	1.0141	1.0151	1.0161	1.0171	1.0181	1.0191	1.0201	1.0211	1.0221
158	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184	1.0194	1.0204	1.0214	1.0224
159	1.0137	1.0147	1.0157	1.0167	1.0177	1.0187	1.0197	1.0207	1.0217	1.0227
160	1.0140	1.0150	1.0160	1.0170	1.0180	1.0190	1.0200	1.0210	1.0220	1.0230
161	1.0143	1.0153	1.0163	1.0173	1.0183	1.0193	1.0203	1.0213	1.0223	1.0233
162	1.0146	1.0156	1.0166	1.0176	1.0186	1.0196	1.0206	1.0216	1.0226	1.0236
163	1.0149	1.0159	1.0169	1.0179	1.0189	1.0199	1.0209	1.0219	1.0229	1.0239
164	1.0152	1.0162	1.0172	1.0182	1.0192	1.0202	1.0212	1.0222	1.0232	1.0242
165	1.0156	1.0166	1.0176	1.0186	1.0196	1.0205	1.0215	1.0225	1.0235	1.0245
166	1.0159	1.0169	1.0179	1.0189	1.0199	1.0209	1.0219	1.0229	1.0239	1.0249
167	1.0163	1.0173	1.0183	1.0193	1.0203	1.0212	1.0222	1.0232	1.0242	1.0252
168	1.0166	1.0176	1.0186	1.0196	1.0206	1.0215	1.0225	1.0235	1.0245	1.0255
169	1.0169	1.0179	1.0189	1.0199	1.0209	1.0218	1.0228	1.0238	1.0248	1.0258
170	1.0172	1.0182	1.0192	1.0202	1.0212	1.0221	1.0231	1.0241	1.0251	1.0261
171	1.0175	1.0185	1.0195	1.0205	1.0215	1.0224	1.0234	1.0244	1.0254	1.0264
172	1.0178	1.0188	1.0198	1.0208	1.0218	1.0227	1.0237	1.0247	1.0257	1.0267
173	1.0181	1.0191	1.0201	1.0211	1.0221	1.0230	1.0240	1.0250	1.0260	1.0270
174	1.0184	1.0194	1.0204	1.0214	1.0224	1.0234	1.0244	1.0254	1.0264	1.0274
175	1.0187	1.0197	1.0207	1.0217	1.0227	1.0237	1.0247	1.0257	1.0267	1.0277
176	1.0190	1.0200	1.0210	1.0220	1.0230	1.0240	1.0250	1.0260	1.0270	1.0280
177	1.0194	1.0204	1.0214	1.0224	1.0234	1.0243	1.0253	1.0263	1.0273	1.0283
178	1.0197	1.0207	1.0217	1.0227	1.0237	1.0247	1.0257	1.0267	1.0277	1.0287
179	1.0200	1.0210	1.0220	1.0230	1.0240	1.0250	1.0260	1.0270	1.0280	1.0290
180	1.0203	1.0213	1.0223	1.0233	1.0243	1.0253	1.0263	1.0273	1.0283	1.0293
181	1.0206	1.0216	1.0226	1.0236	1.0246	1.0256	1.0266	1.0276	1.0286	1.0296
182	1.0209	1.0219	1.0229	1.0239	1.0249	1.0259	1.0269	1.0279	1.0289	1.0299
183	1.0213	1.0223	1.0233	1.0243	1.0253	1.0263	1.0273	1.0283	1.0293	1.0303
184	1.0216	1.0226	1.0236	1.0246	1.0256	1.0266	1.0276	1.0286	1.0296	1.0306
185	1.0220	1.0230	1.0240	1.0250	1.0260	1.0269	1.0279	1.0289	1.0299	1.0309
186	1.0223	1.0233	1.0243	1.0253	1.0263	1.0273	1.0283	1.0293	1.0303	1.0313
187	1.0226	1.0236	1.0246	1.0256	1.0266	1.0276	1.0286	1.0296	1.0306	1.0316
188	1.0229	1.0239	1.0249	1.0259	1.0269	1.0279	1.0289	1.0299	1.0309	1.0319
189	1.0232	1.0242	1.0252	1.0262	1.0272	1.0282	1.0292	1.0302	1.0312	1.0322
190	1.0235	1.0245	1.0255	1.0265	1.0275	1.0285	1.0295	1.0305	1.0315	1.0325
191	1.0238	1.0248	1.0258	1.0268	1.0278	1.0288	1.0298	1.0308	1.0318	1.0328
192	1.0241	1.0251	1.0261	1.0271	1.0281	1.0291	1.0301	1.0311	1.0321	1.0331
193	1.0244	1.0254	1.0264	1.0274	1.0284	1.0294	1.0304	1.0314	1.0324	1.0334
194	1.0248	1.0258	1.0268	1.0278	1.0288	1.0297	1.0307	1.0317	1.0327	1.0337
195	1.0251	1.0261	1.0271	1.0281	1.0291	1.0301	1.0311	1.0321	1.0331	1.0341

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	0.990	0.991	0.992	0.993	0.994	0.995	0.996	0.997	0.998	0.999
	Corresponding specific gravities at 60°/60° F.									
0	0.9686	0.9696	0.9706	0.9716	0.9726	0.9736	0.9746	0.9756	0.9766	0.9776
1	.9689	.9699	.9709	.9719	.9729	.9739	.9749	.9759	.9769	.9779
2	.9692	.9702	.9712	.9722	.9732	.9742	.9752	.9762	.9772	.9782
3	.9696	.9706	.9716	.9726	.9736	.9746	.9756	.9766	.9776	.9786
4	.9700	.9710	.9720	.9730	.9740	.9750	.9760	.9770	.9780	.9790
5	.9703	.9713	.9723	.9733	.9743	.9753	.9763	.9773	.9783	.9793
6	.9707	.9717	.9727	.9737	.9747	.9757	.9767	.9777	.9787	.9797
7	.9710	.9720	.9730	.9740	.9750	.9760	.9770	.9780	.9790	.9800
8	.9713	.9723	.9733	.9743	.9753	.9764	.9774	.9784	.9794	.9804
9	.9717	.9727	.9737	.9747	.9757	.9767	.9777	.9787	.9797	.9807
10	.9721	.9731	.9741	.9751	.9761	.9771	.9781	.9791	.9801	.9811
11	.9725	.9735	.9745	.9755	.9765	.9775	.9785	.9795	.9805	.9815
12	.9728	.9738	.9748	.9758	.9768	.9779	.9789	.9799	.9809	.9819
13	.9732	.9742	.9752	.9762	.9772	.9783	.9793	.9803	.9813	.9823
14	.9735	.9745	.9755	.9765	.9775	.9786	.9796	.9806	.9816	.9826
15	.9739	.9749	.9759	.9769	.9779	.9790	.9800	.9810	.9820	.9830
16	.9743	.9753	.9763	.9773	.9783	.9794	.9804	.9814	.9824	.9834
17	.9746	.9756	.9766	.9776	.9786	.9797	.9807	.9817	.9827	.9837
18	.9750	.9760	.9770	.9780	.9790	.9801	.9811	.9821	.9831	.9841
19	.9754	.9764	.9774	.9784	.9794	.9804	.9814	.9824	.9834	.9844
20	.9757	.9767	.9777	.9787	.9797	.9807	.9817	.9827	.9837	.9847
21	.9761	.9771	.9781	.9791	.9801	.9811	.9821	.9831	.9841	.9851
22	.9765	.9775	.9785	.9795	.9805	.9815	.9825	.9835	.9845	.9855
23	.9768	.9778	.9788	.9798	.9808	.9818	.9828	.9838	.9848	.9858
24	.9772	.9782	.9792	.9802	.9812	.9822	.9832	.9842	.9852	.9862
25	.9775	.9785	.9795	.9805	.9815	.9825	.9835	.9845	.9855	.9865
26	.9779	.9789	.9799	.9809	.9819	.9829	.9839	.9849	.9859	.9869
27	.9783	.9793	.9803	.9813	.9823	.9833	.9843	.9853	.9863	.9873
28	.9787	.9797	.9807	.9817	.9827	.9837	.9847	.9857	.9867	.9877
29	.9791	.9801	.9811	.9821	.9831	.9841	.9851	.9861	.9871	.9881
30	.9794	.9804	.9814	.9824	.9834	.9844	.9854	.9864	.9874	.9884
31	.9798	.9808	.9818	.9828	.9838	.9848	.9858	.9868	.9878	.9888
32	.9801	.9811	.9821	.9831	.9841	.9851	.9861	.9871	.9881	.9891
33	.9805	.9815	.9825	.9835	.9845	.9855	.9865	.9875	.9885	.9895
34	.9808	.9818	.9828	.9838	.9848	.9858	.9868	.9878	.9888	.9898
35	.9812	.9822	.9832	.9842	.9852	.9862	.9872	.9882	.9892	.9902
36	.9816	.9826	.9836	.9846	.9856	.9866	.9876	.9886	.9896	.9906
37	.9819	.9829	.9839	.9849	.9859	.9869	.9879	.9889	.9899	.9909
38	.9823	.9833	.9843	.9853	.9863	.9873	.9883	.9893	.9903	.9913
39	.9826	.9836	.9846	.9856	.9866	.9876	.9886	.9896	.9906	.9916
40	.9830	.9840	.9850	.9860	.9870	.9880	.9890	.9900	.9910	.9920
41	.9833	.9843	.9853	.9863	.9873	.9883	.9893	.9903	.9913	.9923
42	.9837	.9847	.9857	.9867	.9877	.9887	.9897	.9907	.9917	.9927
43	.9841	.9851	.9861	.9871	.9881	.9891	.9901	.9911	.9921	.9931
44	.9844	.9854	.9864	.9874	.9884	.9894	.9904	.9914	.9924	.9934
45	.9848	.9858	.9868	.9878	.9888	.9898	.9908	.9918	.9928	.9938
46	.9851	.9861	.9871	.9881	.9891	.9901	.9911	.9921	.9931	.9941
47	.9854	.9864	.9874	.9884	.9894	.9904	.9914	.9924	.9934	.9944
48	.9857	.9867	.9877	.9887	.9897	.9907	.9917	.9927	.9937	.9947
49	.9861	.9871	.9881	.9891	.9901	.9911	.9921	.9931	.9941	.9951
50	.9865	.9875	.9885	.9895	.9905	.9915	.9925	.9935	.9945	.9955
51	.9868	.9878	.9888	.9898	.9908	.9918	.9928	.9938	.9948	.9958
52	.9872	.9882	.9892	.9902	.9912	.9922	.9932	.9942	.9952	.9962
53	.9875	.9885	.9895	.9905	.9915	.9925	.9935	.9945	.9955	.9965
54	.9879	.9889	.9899	.9909	.9919	.9929	.9939	.9949	.9959	.9969
55	.9882	.9892	.9902	.9912	.9922	.9932	.9942	.9952	.9962	.9972
56	.9886	.9896	.9906	.9916	.9926	.9936	.9946	.9956	.9966	.9976
57	.9890	.9900	.9910	.9920	.9930	.9940	.9950	.9960	.9970	.9980
58	.9893	.9903	.9913	.9923	.9933	.9943	.9953	.9963	.9973	.9983
59	.9897	.9907	.9917	.9927	.9937	.9947	.9957	.9967	.9977	.9987
60	.9900	.9910	.9920	.9930	.9940	.9950	.9960	.9970	.9980	.9990
61	.9904	.9914	.9924	.9934	.9944	.9954	.9964	.9974	.9984	.9994
62	.9907	.9917	.9927	.9937	.9947	.9957	.9967	.9977	.9987	.9997
63	.9910	.9920	.9930	.9940	.9950	.9960	.9970	.9980	.9990	1.0000
64	.9914	.9924	.9934	.9944	.9954	.9964	.9974	.9984	.9994	1.0004

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in ° F.	Observed specific gravity.									
	0.990	0.991	0.992	0.993	0.994	0.995	0.996	0.997	0.998	0.999
	Corresponding specific gravities at 60°/60° F.									
65	0.9918	0.9928	0.9938	0.9948	0.9958	0.9968	0.9978	0.9988	0.9998	1.0008
66	.9921	.9931	.9941	.9951	.9961	.9971	.9981	.9991	1.0001	1.0011
67	.9925	.9935	.9945	.9955	.9965	.9975	.9985	.9995	1.0005	1.0015
68	.9928	.9938	.9948	.9958	.9968	.9978	.9988	.9998	1.0008	1.0018
69	.9931	.9941	.9951	.9961	.9971	.9981	.9991	1.0001	1.0011	1.0021
70	.9935	.9945	.9955	.9965	.9975	.9985	.9995	1.0005	1.0015	1.0025
71	.9938	.9948	.9958	.9968	.9978	.9988	.9998	1.0008	1.0018	1.0028
72	.9942	.9952	.9962	.9972	.9982	.9992	1.0002	1.0012	1.0022	1.0032
73	.9945	.9955	.9965	.9975	.9985	.9995	1.0005	1.0015	1.0025	1.0035
74	.9949	.9959	.9969	.9979	.9989	.9999	1.0009	1.0019	1.0029	1.0039
75	.9953	.9963	.9973	.9983	.9993	1.0003	1.0013	1.0023	1.0033	1.0043
76	.9956	.9966	.9976	.9986	.9996	1.0006	1.0016	1.0026	1.0036	1.0046
77	.9960	.9970	.9980	.9990	1.0000	1.0010	1.0020	1.0030	1.0040	1.0050
78	.9963	.9973	.9983	.9993	1.0003	1.0013	1.0023	1.0033	1.0043	1.0053
79	.9966	.9976	.9986	.9996	1.0006	1.0016	1.0026	1.0036	1.0046	1.0056
80	.9970	.9980	.9990	1.0000	1.0010	1.0020	1.0030	1.0040	1.0050	1.0060
81	.9974	.9984	.9994	1.0004	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064
82	.9977	.9987	.9997	1.0007	1.0017	1.0027	1.0037	1.0047	1.0057	1.0067
83	.9981	.9991	1.0001	1.0011	1.0021	1.0031	1.0041	1.0051	1.0061	1.0071
84	.9984	.9994	1.0004	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074
85	.9987	.9997	1.0007	1.0017	1.0027	1.0037	1.0047	1.0057	1.0067	1.0077
86	.9991	1.0001	1.0011	1.0021	1.0031	1.0041	1.0051	1.0061	1.0071	1.0081
87	.9994	1.0004	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084
88	.9998	1.0008	1.0018	1.0028	1.0038	1.0048	1.0058	1.0068	1.0078	1.0088
89	1.0001	1.0011	1.0021	1.0031	1.0041	1.0051	1.0061	1.0071	1.0081	1.0091
90	1.0004	1.0014	1.0024	1.0034	1.0044	1.0054	1.0064	1.0074	1.0084	1.0094
91	1.0008	1.0018	1.0028	1.0038	1.0048	1.0058	1.0068	1.0078	1.0088	1.0098
92	1.0012	1.0022	1.0032	1.0042	1.0052	1.0062	1.0072	1.0082	1.0092	1.0102
93	1.0015	1.0025	1.0035	1.0045	1.0055	1.0065	1.0075	1.0085	1.0095	1.0105
94	1.0018	1.0028	1.0038	1.0048	1.0058	1.0068	1.0078	1.0088	1.0098	1.0108
95	1.0022	1.0032	1.0042	1.0052	1.0062	1.0072	1.0082	1.0092	1.0102	1.0112
96	1.0025	1.0035	1.0045	1.0055	1.0065	1.0075	1.0085	1.0095	1.0105	1.0115
97	1.0029	1.0039	1.0049	1.0059	1.0069	1.0079	1.0089	1.0099	1.0109	1.0119
98	1.0032	1.0042	1.0052	1.0062	1.0072	1.0082	1.0092	1.0102	1.0112	1.0122
99	1.0036	1.0046	1.0056	1.0066	1.0076	1.0086	1.0096	1.0106	1.0116	1.0126
100	1.0039	1.0049	1.0059	1.0069	1.0079	1.0089	1.0099	1.0109	1.0119	1.0129
101	1.0043	1.0053	1.0063	1.0073	1.0083	1.0093	1.0103	1.0113	1.0123	1.0133
102	1.0046	1.0056	1.0066	1.0076	1.0086	1.0096	1.0106	1.0116	1.0126	1.0136
103	1.0049	1.0059	1.0069	1.0079	1.0089	1.0100	1.0110	1.0120	1.0130	1.0140
104	1.0053	1.0063	1.0073	1.0083	1.0093	1.0103	1.0113	1.0123	1.0133	1.0143
105	1.0056	1.0066	1.0076	1.0086	1.0096	1.0106	1.0116	1.0126	1.0136	1.0146
106	1.0059	1.0069	1.0079	1.0089	1.0099	1.0109	1.0119	1.0129	1.0139	1.0149
107	1.0063	1.0073	1.0083	1.0093	1.0103	1.0113	1.0123	1.0133	1.0143	1.0153
108	1.0066	1.0076	1.0086	1.0096	1.0106	1.0116	1.0126	1.0136	1.0146	1.0156
109	1.0069	1.0079	1.0089	1.0099	1.0109	1.0119	1.0129	1.0139	1.0149	1.0159
110	1.0073	1.0083	1.0093	1.0103	1.0113	1.0123	1.0133	1.0143	1.0153	1.0163
111	1.0076	1.0086	1.0096	1.0106	1.0116	1.0126	1.0136	1.0146	1.0156	1.0166
112	1.0079	1.0089	1.0099	1.0109	1.0119	1.0129	1.0139	1.0149	1.0159	1.0169
113	1.0083	1.0093	1.0103	1.0113	1.0123	1.0133	1.0143	1.0153	1.0163	1.0173
114	1.0087	1.0097	1.0107	1.0117	1.0127	1.0137	1.0147	1.0157	1.0167	1.0177
115	1.0090	1.0100	1.0110	1.0120	1.0130	1.0140	1.0150	1.0160	1.0170	1.0180
116	1.0094	1.0104	1.0114	1.0124	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184
117	1.0097	1.0107	1.0117	1.0127	1.0137	1.0147	1.0157	1.0167	1.0177	1.0187
118	1.0100	1.0110	1.0120	1.0130	1.0140	1.0150	1.0160	1.0170	1.0180	1.0190
119	1.0104	1.0114	1.0124	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184	1.0194
120	1.0107	1.0117	1.0127	1.0137	1.0147	1.0157	1.0167	1.0177	1.0187	1.0197
121	1.0111	1.0121	1.0131	1.0141	1.0151	1.0161	1.0171	1.0181	1.0191	1.0201
122	1.0114	1.0124	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184	1.0194	1.0204
123	1.0117	1.0127	1.0137	1.0147	1.0157	1.0167	1.0177	1.0187	1.0197	1.0207
124	1.0120	1.0130	1.0140	1.0150	1.0160	1.0170	1.0180	1.0190	1.0200	1.0210
125	1.0124	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184	1.0194	1.0204	1.0214
126	1.0127	1.0137	1.0147	1.0157	1.0167	1.0177	1.0187	1.0197	1.0207	1.0217
127	1.0130	1.0140	1.0150	1.0160	1.0170	1.0180	1.0190	1.0200	1.0210	1.0220
128	1.0134	1.0144	1.0154	1.0164	1.0174	1.0184	1.0194	1.0204	1.0214	1.0224
129	1.0137	1.0147	1.0157	1.0167	1.0177	1.0187	1.0197	1.0207	1.0217	1.0227

TABLE 3.—Reduction of Observed Specific Gravities to Specific Gravities at 60°/60° F.—Continued.

Observed temperature in °F.	Observed specific gravity.									
	0.990	0.991	0.992	0.993	0.994	0.995	0.996	0.997	0.998	0.999
	Corresponding specific gravities at 60°/60° F.									
130	1.0141	1.0151	1.0161	1.0171	1.0181	1.0191	1.0201	1.0211	1.0221	1.0231
131	1.0144	1.0154	1.0164	1.0174	1.0184	1.0194	1.0204	1.0214	1.0224	1.0234
132	1.0148	1.0158	1.0168	1.0178	1.0188	1.0198	1.0208	1.0218	1.0228	1.0238
133	1.0151	1.0161	1.0171	1.0181	1.0191	1.0201	1.0211	1.0221	1.0231	1.0241
134	1.0154	1.0164	1.0174	1.0184	1.0194	1.0204	1.0214	1.0224	1.0234	1.0244
135	1.0157	1.0167	1.0177	1.0187	1.0197	1.0207	1.0217	1.0227	1.0237	1.0247
136	1.0160	1.0170	1.0180	1.0190	1.0200	1.0210	1.0220	1.0230	1.0240	1.0250
137	1.0164	1.0174	1.0184	1.0194	1.0204	1.0214	1.0224	1.0234	1.0244	1.0254
138	1.0168	1.0178	1.0188	1.0198	1.0208	1.0217	1.0227	1.0237	1.0247	1.0257
139	1.0171	1.0181	1.0191	1.0201	1.0211	1.0220	1.0230	1.0240	1.0250	1.0260
140	1.0174	1.0184	1.0194	1.0204	1.0214	1.0223	1.0233	1.0243	1.0253	1.0263
141	1.0177	1.0187	1.0197	1.0207	1.0217	1.0227	1.0237	1.0247	1.0257	1.0267
142	1.0180	1.0190	1.0200	1.0210	1.0220	1.0230	1.0240	1.0250	1.0260	1.0270
143	1.0184	1.0194	1.0204	1.0214	1.0224	1.0234	1.0244	1.0254	1.0264	1.0274
144	1.0187	1.0197	1.0207	1.0217	1.0227	1.0237	1.0247	1.0257	1.0267	1.0277
145	1.0190	1.0200	1.0210	1.0220	1.0230	1.0240	1.0250	1.0260	1.0270	1.0280
146	1.0194	1.0204	1.0214	1.0224	1.0234	1.0244	1.0254	1.0264	1.0274	1.0284
147	1.0197	1.0207	1.0217	1.0227	1.0237	1.0247	1.0257	1.0267	1.0277	1.0287
148	1.0201	1.0211	1.0221	1.0231	1.0241	1.0250	1.0260	1.0270	1.0280	1.0290
149	1.0204	1.0214	1.0224	1.0234	1.0244	1.0253	1.0263	1.0273	1.0283	1.0293
150	1.0207	1.0217	1.0227	1.0237	1.0247	1.0257	1.0267	1.0277	1.0287	1.0297
151	1.0210	1.0220	1.0230	1.0240	1.0250	1.0260	1.0270	1.0280	1.0290	1.0300
152	1.0214	1.0224	1.0234	1.0244	1.0254	1.0263	1.0273	1.0283	1.0293	1.0303
153	1.0217	1.0227	1.0237	1.0247	1.0257	1.0267	1.0277	1.0287	1.0297	1.0307
154	1.0220	1.0230	1.0240	1.0250	1.0260	1.0270	1.0280	1.0290	1.0300	1.0310
155	1.0224	1.0234	1.0244	1.0254	1.0264	1.0274	1.0284	1.0294	1.0304	1.0314
156	1.0227	1.0237	1.0247	1.0257	1.0267	1.0277	1.0287	1.0297	1.0307	1.0317
157	1.0231	1.0241	1.0251	1.0261	1.0271	1.0280	1.0290	1.0300	1.0310	1.0320
158	1.0234	1.0244	1.0254	1.0264	1.0274	1.0284	1.0294	1.0304	1.0314	1.0324
159	1.0237	1.0247	1.0257	1.0267	1.0277	1.0287	1.0297	1.0307	1.0317	1.0327
160	1.0240	1.0250	1.0260	1.0270	1.0280	1.0290	1.0300	1.0310	1.0320	1.0330
161	1.0243	1.0253	1.0263	1.0273	1.0283	1.0293	1.0303	1.0313	1.0323	1.0333
162	1.0246	1.0256	1.0266	1.0276	1.0286	1.0296	1.0306	1.0316	1.0326	1.0336
163	1.0249	1.0259	1.0269	1.0279	1.0289	1.0299	1.0309	1.0319	1.0329	1.0339
164	1.0252	1.0262	1.0272	1.0282	1.0292	1.0302	1.0312	1.0322	1.0332	1.0342
165	1.0255	1.0265	1.0275	1.0285	1.0295	1.0305	1.0315	1.0325	1.0335	1.0345
166	1.0259	1.0269	1.0279	1.0289	1.0299	1.0308	1.0318	1.0328	1.0338	1.0348
167	1.0262	1.0272	1.0282	1.0292	1.0302	1.0312	1.0322	1.0332	1.0342	1.0352
168	1.0265	1.0275	1.0285	1.0295	1.0305	1.0315	1.0325	1.0335	1.0345	1.0355
169	1.0268	1.0278	1.0288	1.0298	1.0308	1.0318	1.0328	1.0338	1.0348	1.0358
170	1.0271	1.0281	1.0291	1.0301	1.0311	1.0321	1.0331	1.0341	1.0351	1.0361
171	1.0274	1.0284	1.0294	1.0304	1.0314	1.0324	1.0334	1.0344	1.0354	1.0364
172	1.0277	1.0287	1.0297	1.0307	1.0317	1.0327	1.0337	1.0347	1.0357	1.0367
173	1.0280	1.0290	1.0300	1.0310	1.0320	1.0330	1.0340	1.0350	1.0360	1.0370
174	1.0284	1.0294	1.0304	1.0314	1.0324	1.0334	1.0344	1.0354	1.0364	1.0374
175	1.0287	1.0297	1.0307	1.0317	1.0327	1.0337	1.0347	1.0357	1.0367	1.0377
176	1.0290	1.0300	1.0310	1.0320	1.0330	1.0340	1.0350	1.0360	1.0370	1.0380
177	1.0293	1.0303	1.0313	1.0323	1.0333	1.0343	1.0353	1.0363	1.0373	1.0383
178	1.0297	1.0307	1.0317	1.0327	1.0337	1.0346	1.0356	1.0366	1.0376	1.0386
179	1.0300	1.0310	1.0320	1.0330	1.0340	1.0350	1.0360	1.0370	1.0380	1.0390
180	1.0303	1.0313	1.0323	1.0333	1.0343	1.0353	1.0363	1.0373	1.0383	1.0393
181	1.0306	1.0316	1.0326	1.0336	1.0346	1.0356	1.0366	1.0376	1.0386	1.0396
182	1.0309	1.0319	1.0329	1.0339	1.0349	1.0359	1.0369	1.0379	1.0389	1.0399
183	1.0313	1.0323	1.0333	1.0343	1.0353	1.0363	1.0373	1.0383	1.0393	1.0403
184	1.0316	1.0326	1.0336	1.0346	1.0356	1.0366	1.0376	1.0386	1.0396	1.0406
185	1.0319	1.0329	1.0339	1.0349	1.0359	1.0369	1.0379	1.0389	1.0399	1.0409
186	1.0323	1.0333	1.0343	1.0353	1.0363	1.0373	1.0383	1.0393	1.0403	1.0413
187	1.0326	1.0336	1.0346	1.0356	1.0366	1.0376	1.0386	1.0396	1.0406	1.0416
188	1.0329	1.0339	1.0349	1.0359	1.0369	1.0379	1.0389	1.0399	1.0409	1.0419
189	1.0332	1.0342	1.0352	1.0362	1.0372	1.0382	1.0392	1.0402	1.0412	1.0422
190	1.0335	1.0345	1.0355	1.0365	1.0375	1.0385	1.0395	1.0405	1.0415	1.0425
191	1.0338	1.0348	1.0358	1.0368	1.0378	1.0388	1.0398	1.0408	1.0418	1.0428
192	1.0341	1.0351	1.0361	1.0371	1.0381	1.0391	1.0401	1.0411	1.0421	1.0431
193	1.0344	1.0354	1.0364	1.0374	1.0384	1.0394	1.0404	1.0414	1.0424	1.0434
194	1.0347	1.0357	1.0367	1.0377	1.0387	1.0397	1.0407	1.0417	1.0427	1.0437
195	1.0351	1.0361	1.0371	1.0381	1.0391	1.0401	1.0411	1.0421	1.0431	1.0441

TABLE 4.—Degrees A. P. I., Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Specific Gravities.

Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.	Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.
0.600	104.33	4.993	0.2003	0.650	86.19	5.410	0.1848
.601	103.94	5.001	.1999	.651	85.86	5.418	.1846
.602	103.55	5.010	.1996	.652	85.52	5.426	.1843
.603	103.16	5.018	.1993	.653	85.19	5.435	.1840
.604	102.77	5.026	.1990	.654	84.86	5.443	.1837
.605	102.38	5.035	.1986	.655	84.53	5.452	.1834
.606	102.00	5.043	.1983	.656	84.20	5.460	.1832
.607	101.61	5.051	.1980	.657	83.87	5.468	.1829
.608	101.23	5.060	.1976	.658	83.55	5.476	.1826
.609	100.85	5.068	.1973	.659	83.22	5.485	.1823
.610	100.47	5.076	.1970	.660	82.89	5.493	.1820
.611	100.09	5.084	.1967	.661	82.57	5.502	.1818
.612	99.71	5.093	.1963	.662	82.25	5.510	.1815
.613	99.33	5.101	.1960	.663	81.92	5.518	.1812
.614	98.96	5.110	.1957	.664	81.60	5.526	.1810
.615	98.58	5.118	.1954	.665	81.28	5.535	.1807
.616	98.21	5.126	.1951	.666	80.96	5.543	.1804
.617	97.84	5.135	.1948	.667	80.64	5.552	.1801
.618	97.46	5.143	.1944	.668	80.33	5.560	.1799
.619	97.09	5.151	.1941	.669	80.01	5.568	.1796
.620	96.73	5.160	.1938	.670	79.69	5.577	.1793
.621	96.36	5.168	.1935	.671	79.38	5.585	.1790
.622	95.99	5.176	.1932	.672	79.07	5.593	.1788
.623	95.63	5.185	.1929	.673	78.75	5.602	.1785
.624	95.26	5.193	.1926	.674	78.44	5.610	.1782
.625	94.90	5.201	.1923	.675	78.13	5.618	.1780
.626	94.54	5.210	.1920	.676	77.82	5.627	.1777
.627	94.18	5.218	.1916	.677	77.51	5.635	.1775
.628	93.82	5.226	.1913	.678	77.20	5.643	.1772
.629	93.46	5.235	.1910	.679	76.89	5.652	.1769
.630	93.10	5.243	.1907	.680	76.59	5.660	.1767
.631	92.75	5.251	.1904	.681	76.28	5.668	.1764
.632	92.39	5.260	.1901	.682	75.98	5.677	.1762
.633	92.04	5.268	.1898	.683	75.67	5.685	.1759
.634	91.69	5.276	.1895	.684	75.37	5.693	.1756
.635	91.33	5.285	.1892	.685	75.07	5.702	.1754
.636	90.98	5.293	.1889	.686	74.77	5.710	.1751
.637	90.63	5.301	.1886	.687	74.47	5.718	.1749
.638	90.29	5.310	.1883	.688	74.17	5.727	.1746
.639	89.94	5.318	.1880	.689	73.87	5.735	.1744
.640	89.59	5.326	.1877	.690	73.57	5.743	.1741
.641	89.25	5.335	.1874	.691	73.28	5.752	.1739
.642	88.90	5.343	.1872	.692	72.98	5.760	.1736
.643	88.56	5.351	.1869	.693	72.68	5.768	.1734
.644	88.22	5.360	.1866	.694	72.39	5.777	.1731
.645	87.88	5.368	.1863	.695	72.10	5.785	.1729
.646	87.54	5.376	.1860	.696	71.80	5.793	.1726
.647	87.20	5.385	.1857	.697	71.51	5.802	.1724
.648	86.86	5.393	.1854	.698	71.22	5.810	.1721
.649	86.53	5.402	.1851	.699	70.93	5.818	.1719

TABLE 4.—Degrees A. P. I., Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Specific Gravities—Continued.

Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.	Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.
0.700	70.64	5.827	0.1716	0.750	57.17	6.244	0.1602
.701	70.35	5.835	.1714	.751	56.92	6.252	.1600
.702	70.07	5.843	.1711	.752	56.66	6.260	.1597
.703	69.78	5.852	.1709	.753	56.41	6.269	.1595
.704	69.49	5.860	.1706	.754	56.17	6.277	.1593
.705	69.21	5.868	.1704	.755	55.92	6.285	.1591
.706	68.92	5.877	.1702	.756	55.67	6.294	.1589
.707	68.64	5.885	.1699	.757	55.42	6.302	.1587
.708	68.36	5.894	.1697	.758	55.18	6.310	.1585
.709	68.08	5.902	.1694	.759	54.93	6.319	.1583
.710	67.80	5.910	.1692	.760	54.68	6.327	.1580
.711	67.52	5.918	.1690	.761	54.44	6.335	.1578
.712	67.24	5.927	.1687	.762	54.20	6.344	.1576
.713	66.96	5.935	.1685	.763	53.95	6.352	.1574
.714	66.68	5.944	.1682	.764	53.71	6.360	.1572
.715	66.40	5.952	.1680	.765	53.47	6.369	.1570
.716	66.13	5.960	.1678	.766	53.23	6.377	.1568
.717	65.85	5.968	.1676	.767	52.98	6.386	.1566
.718	65.58	5.977	.1673	.768	52.74	6.394	.1564
.719	65.30	5.985	.1671	.769	52.51	6.402	.1562
.720	65.03	5.994	.1668	.770	52.27	6.410	.1560
.721	64.76	6.002	.1666	.771	52.03	6.419	.1558
.722	64.48	6.010	.1664	.772	51.79	6.427	.1556
.723	64.21	6.018	.1662	.773	51.55	6.436	.1554
.724	63.94	6.027	.1659	.774	51.32	6.444	.1552
.725	63.67	6.035	.1657	.775	51.08	6.452	.1550
.726	63.40	6.044	.1655	.776	50.85	6.460	.1548
.727	63.14	6.052	.1652	.777	50.61	6.469	.1546
.728	62.87	6.060	.1650	.778	50.38	6.477	.1544
.729	62.60	6.068	.1648	.779	50.14	6.486	.1542
.730	62.34	6.077	.1646	.780	49.91	6.494	.1540
.731	62.07	6.085	.1643	.781	49.68	6.502	.1538
.732	61.81	6.094	.1641	.782	49.45	6.510	.1536
.733	61.54	6.102	.1639	.783	49.22	6.519	.1534
.734	61.28	6.110	.1637	.784	48.98	6.527	.1532
.735	61.02	6.119	.1634	.785	48.75	6.536	.1530
.736	60.76	6.127	.1632	.786	48.53	6.544	.1528
.737	60.49	6.135	.1630	.787	48.30	6.552	.1526
.738	60.23	6.144	.1628	.788	48.07	6.560	.1524
.739	59.97	6.152	.1626	.789	47.84	6.569	.1522
.740	59.72	6.160	.1623	.790	47.61	6.577	.1520
.741	59.46	6.169	.1621	.791	47.39	6.586	.1518
.742	59.20	6.177	.1619	.792	47.16	6.594	.1517
.743	58.94	6.185	.1617	.793	46.94	6.602	.1515
.744	58.69	6.194	.1615	.794	46.71	6.611	.1513
.745	58.43	6.202	.1612	.795	46.49	6.619	.1511
.746	58.18	6.210	.1610	.796	46.26	6.627	.1509
.747	57.92	6.219	.1608	.797	46.04	6.636	.1507
.748	57.67	6.227	.1606	.798	45.82	6.644	.1505
.749	57.42	6.235	.1604	.799	45.60	6.652	.1503

TABLE 4.—Degrees A. P. I., Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Specific Gravities—Continued.

Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.	Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.
0.800	45.38	6.661	0.1501	0.850	34.97	7.078	0.1413
.801	45.15	6.669	.1500	.851	34.77	7.086	.1411
.802	44.93	6.677	.1498	.852	34.58	7.094	.1410
.803	44.71	6.686	.1496	.853	34.39	7.103	.1408
.804	44.49	6.694	.1494	.854	34.19	7.111	.1406
.805	44.28	6.702	.1492	.855	34.00	7.119	.1405
.806	44.06	6.711	.1490	.856	33.80	7.128	.1403
.807	43.84	6.719	.1488	.857	33.61	7.136	.1401
.808	43.62	6.727	.1486	.858	33.42	7.144	.1400
.809	43.41	6.736	.1485	.859	33.23	7.153	.1398
.810	43.19	6.744	.1483	.860	33.03	7.161	.1396
.811	42.98	6.752	.1481	.861	32.84	7.169	.1395
.812	42.76	6.761	.1479	.862	32.65	7.178	.1393
.813	42.55	6.769	.1477	.863	32.46	7.186	.1392
.814	42.33	6.777	.1476	.864	32.27	7.194	.1390
.815	42.12	6.786	.1474	.865	32.08	7.203	.1388
.816	41.91	6.794	.1472	.866	31.89	7.211	.1387
.817	41.69	6.802	.1470	.867	31.71	7.219	.1385
.818	41.48	6.811	.1468	.868	31.52	7.228	.1384
.819	41.27	6.819	.1466	.869	31.33	7.236	.1382
.820	41.06	6.827	.1465	.870	31.14	7.244	.1380
.821	40.85	6.836	.1463	.871	30.96	7.253	.1379
.822	40.64	6.844	.1461	.872	30.77	7.261	.1377
.823	40.43	6.852	.1459	.873	30.58	7.269	.1376
.824	40.22	6.861	.1458	.874	30.40	7.278	.1374
.825	40.02	6.869	.1456	.875	30.21	7.286	.1372
.826	39.81	6.877	.1454	.876	30.03	7.294	.1371
.827	39.60	6.886	.1452	.877	29.85	7.303	.1369
.828	39.39	6.894	.1450	.878	29.66	7.311	.1368
.829	39.19	6.902	.1449	.879	29.48	7.319	.1366
.830	38.98	6.911	.1447	.880	29.30	7.328	.1365
.831	38.78	6.919	.1445	.881	29.11	7.336	.1363
.832	38.57	6.927	.1444	.882	28.93	7.344	.1362
.833	38.37	6.936	.1442	.883	28.75	7.353	.1360
.834	38.16	6.944	.1440	.884	28.57	7.361	.1358
.835	37.96	6.952	.1438	.885	28.39	7.369	.1357
.836	37.76	6.961	.1437	.886	28.21	7.378	.1355
.837	37.56	6.969	.1435	.887	28.03	7.386	.1354
.838	37.35	6.978	.1433	.888	27.85	7.394	.1352
.839	37.15	6.986	.1432	.889	27.67	7.403	.1351
.840	36.95	6.994	.1430	.890	27.49	7.411	.1349
.841	36.75	7.002	.1428	.891	27.31	7.419	.1348
.842	36.55	7.011	.1426	.892	27.13	7.428	.1346
.843	36.35	7.019	.1425	.893	26.95	7.436	.1345
.844	36.15	7.028	.1423	.894	26.78	7.444	.1343
.845	35.96	7.036	.1421	.895	26.60	7.453	.1342
.846	35.76	7.044	.1420	.896	26.42	7.461	.1340
.847	35.56	7.052	.1418	.897	26.25	7.469	.1339
.848	35.36	7.061	.1416	.898	26.07	7.478	.1337
.849	35.17	7.069	.1415	.899	25.90	7.486	.1336

TABLE 4.—Degrees A. P. I., Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Specific Gravities—Continued.

Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.	Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.
0.900	25.72	7.494	0.1334	0.950	17.45	7.911	0.1264
.901	25.55	7.503	.1333	.951	17.29	7.920	.1263
.902	25.37	7.511	.1331	.952	17.13	7.928	.1261
.903	25.20	7.519	.1330	.953	16.98	7.937	.1260
.904	25.03	7.528	.1328	.954	16.82	7.945	.1259
.905	24.85	7.536	.1327	.955	16.67	7.953	.1257
.906	24.68	7.544	.1326	.956	16.51	7.962	.1256
.907	24.51	7.553	.1324	.957	16.36	7.970	.1255
.908	24.34	7.561	.1323	.958	16.20	7.978	.1253
.909	24.17	7.569	.1321	.959	16.05	7.987	.1252
.910	23.99	7.578	.1320	.960	15.90	7.995	.1251
.911	23.82	7.586	.1318	.961	15.74	8.003	.1250
.912	23.65	7.594	.1317	.962	15.59	8.012	.1248
.913	23.48	7.603	.1315	.963	15.44	8.020	.1247
.914	23.31	7.611	.1314	.964	15.28	8.028	.1246
.915	23.14	7.620	.1312	.965	15.13	8.036	.1244
.916	22.98	7.628	.1311	.966	14.98	8.045	.1243
.917	22.81	7.636	.1310	.967	14.83	8.053	.1242
.918	22.64	7.645	.1308	.968	14.68	8.062	.1240
.919	22.47	7.653	.1307	.969	14.53	8.070	.1239
.920	22.30	7.661	.1305	.970	14.38	8.078	.1238
.921	22.14	7.670	.1304	.971	14.23	8.087	.1237
.922	21.97	7.678	.1302	.972	14.08	8.095	.1235
.923	21.80	7.686	.1301	.973	13.93	8.103	.1234
.924	21.64	7.695	.1300	.974	13.78	8.112	.1233
.925	21.47	7.703	.1298	.975	13.63	8.120	.1232
.926	21.31	7.711	.1297	.976	13.48	8.128	.1230
.927	21.14	7.720	.1295	.977	13.33	8.137	.1229
.928	20.98	7.728	.1294	.978	13.18	8.145	.1228
.929	20.81	7.736	.1293	.979	13.04	8.153	.1227
.930	20.65	7.745	.1291	.980	12.89	8.162	.1225
.931	20.49	7.753	.1290	.981	12.74	8.170	.1224
.932	20.32	7.761	.1288	.982	12.59	8.178	.1223
.933	20.16	7.770	.1287	.983	12.45	8.187	.1221
.934	20.00	7.778	.1286	.984	12.30	8.195	.1220
.935	19.84	7.786	.1284	.985	12.15	8.203	.1219
.936	19.68	7.795	.1283	.986	12.01	8.212	.1218
.937	19.51	7.803	.1282	.987	11.86	8.220	.1217
.938	19.35	7.811	.1280	.988	11.72	8.228	.1215
.939	19.19	7.820	.1279	.989	11.57	8.237	.1214
.940	19.03	7.828	.1278	.990	11.43	8.245	.1213
.941	18.87	7.836	.1276	.991	11.29	8.253	.1212
.942	18.71	7.845	.1275	.992	11.14	8.262	.1210
.943	18.55	7.853	.1273	.993	11.00	8.270	.1209
.944	18.39	7.861	.1272	.994	10.85	8.278	.1208
.945	18.24	7.870	.1271	.995	10.71	8.287	.1207
.946	18.08	7.878	.1269	.996	10.57	8.295	.1206
.947	17.92	7.886	.1268	.997	10.43	8.303	.1204
.948	17.76	7.895	.1267	.998	10.28	8.312	.1203
.949	17.60	7.903	.1265	.999	10.14	8.320	.1202
				1.000	10.00	8.328	.1201

TABLE 4.—Degrees A. P. I., Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Specific Gravities—Continued.

Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.	Specific gravity at 60°/60° F.	Degrees A. P. I.	Pounds per gallon.	Gallons per pound.
1.001	9.86	8.337	0.1199	1.041	4.43	8.670	0.1153
1.002	9.72	8.345	.1198	1.042	4.30	8.678	.1152
1.003	9.58	8.353	.1197	1.043	4.17	8.687	.1151
1.004	9.44	8.362	.1196	1.044	4.04	8.695	.1150
1.005	9.30	8.370	.1195	1.045	3.91	8.704	.1149
1.006	9.16	8.378	.1194	1.046	3.78	8.712	.1148
1.007	9.02	8.387	.1192	1.047	3.65	8.720	.1147
1.008	8.88	8.395	.1191	1.048	3.52	8.729	.1146
1.009	8.74	8.403	.1190	1.049	3.39	8.737	.1145
1.010	8.60	8.412	.1189	1.050	3.26	8.745	.1143
1.011	8.46	8.420	.1188	1.051	3.13	8.754	.1142
1.012	8.32	8.428	.1186	1.052	3.01	8.762	.1141
1.013	8.18	8.437	.1185	1.053	2.88	8.770	.1140
1.014	8.05	8.445	.1184	1.054	2.75	8.779	.1139
1.015	7.91	8.453	.1183	1.055	2.62	8.787	.1138
1.016	7.77	8.462	.1182	1.056	2.50	8.795	.1137
1.017	7.63	8.470	.1181	1.057	2.37	8.804	.1136
1.018	7.50	8.478	.1180	1.058	2.24	8.812	.1135
1.019	7.36	8.487	.1178	1.059	2.12	8.820	.1134
1.020	7.23	8.495	.1177	1.060	1.99	8.829	.1133
1.021	7.09	8.503	.1176	1.061	1.86	8.837	.1132
1.022	6.95	8.512	.1175	1.062	1.74	8.845	.1131
1.023	6.82	8.520	.1174	1.063	1.61	8.854	.1129
1.024	6.68	8.528	.1173	1.064	1.49	8.862	.1128
1.025	6.55	8.537	.1171	1.065	1.36	8.870	.1127
1.026	6.41	8.545	.1170	1.066	1.24	8.879	.1126
1.027	6.28	8.553	.1169	1.067	1.11	8.887	.1125
1.028	6.15	8.562	.1168	1.068	.99	8.895	.1124
1.029	6.01	8.570	.1167	1.069	.87	8.904	.1123
1.030	5.88	8.578	.1166	1.070	.74	8.912	.1122
1.031	5.75	8.587	.1165	1.071	.62	8.920	.1121
1.032	5.61	8.595	.1163	1.072	.50	8.929	.1120
1.033	5.48	8.603	.1162	1.073	.37	8.937	.1119
1.034	5.35	8.612	.1161	1.074	.25	8.945	.1118
1.035	5.21	8.620	.1160	1.075	.13	8.954	.1117
1.036	5.08	8.628	.1159	1.076	.01	8.962	.1116
1.037	4.95	8.637	.1158				
1.038	4.82	8.645	.1157				
1.039	4.69	8.653	.1156				
1.040	4.56	8.662	.1154				

TABLE 5.—Specific Gravities, Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Degrees A. P. I.

Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.	Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.
0.0	1.0760	8.962	0.1116	5.0	1.0366	8.634	0.1158
.1	1.0752	8.956	.1117	5.1	1.0359	8.627	.1159
.2	1.0744	8.949	.1117	5.2	1.0351	8.621	.1160
.3	1.0736	8.942	.1118	5.3	1.0344	8.615	.1161
.4	1.0728	8.935	.1119	5.4	1.0336	8.608	.1162
.5	1.0720	8.928	.1120	5.5	1.0328	8.602	.1163
.6	1.0712	8.922	.1121	5.6	1.0321	8.596	.1163
.7	1.0703	8.915	.1122	5.7	1.0313	8.590	.1164
.8	1.0695	8.908	.1123	5.8	1.0306	8.583	.1165
.9	1.0687	8.901	.1123	5.9	1.0298	8.577	.1166
1.0	1.0679	8.895	.1124	6.0	1.0291	8.571	.1167
1.1	1.0671	8.888	.1125	6.1	1.0283	8.565	.1168
1.2	1.0663	8.881	.1126	6.2	1.0276	8.558	.1168
1.3	1.0655	8.875	.1127	6.3	1.0269	8.552	.1169
1.4	1.0647	8.868	.1128	6.4	1.0261	8.546	.1170
1.5	1.0639	8.861	.1129	6.5	1.0254	8.540	.1171
1.6	1.0631	8.855	.1129	6.6	1.0246	8.534	.1172
1.7	1.0623	8.848	.1130	6.7	1.0239	8.527	.1173
1.8	1.0615	8.841	.1131	6.8	1.0231	8.521	.1174
1.9	1.0607	8.835	.1132	6.9	1.0224	8.515	.1174
2.0	1.0599	8.828	.1133	7.0	1.0217	8.509	.1175
2.1	1.0591	8.821	.1134	7.1	1.0209	8.503	.1176
2.2	1.0583	8.815	.1134	7.2	1.0202	8.497	.1177
2.3	1.0575	8.808	.1135	7.3	1.0195	8.490	.1178
2.4	1.0568	8.802	.1136	7.4	1.0187	8.484	.1179
2.5	1.0560	8.795	.1137	7.5	1.0180	8.478	.1180
2.6	1.0552	8.788	.1138	7.6	1.0173	8.472	.1180
2.7	1.0544	8.782	.1139	7.7	1.0165	8.466	.1181
2.8	1.0536	8.775	.1140	7.8	1.0158	8.460	.1182
2.9	1.0528	8.769	.1140	7.9	1.0151	8.454	.1183
3.0	1.0520	8.762	.1141	8.0	1.0143	8.448	.1184
3.1	1.0513	8.756	.1142	8.1	1.0136	8.442	.1185
3.2	1.0505	8.749	.1143	8.2	1.0129	8.436	.1185
3.3	1.0497	8.743	.1144	8.3	1.0122	8.430	.1186
3.4	1.0489	8.736	.1145	8.4	1.0114	8.424	.1187
3.5	1.0481	8.730	.1145	8.5	1.0107	8.418	.1188
3.6	1.0474	8.723	.1146	8.6	1.0100	8.412	.1189
3.7	1.0466	8.717	.1147	8.7	1.0093	8.406	.1190
3.8	1.0458	8.710	.1148	8.8	1.0086	8.400	.1190
3.9	1.0451	8.704	.1149	8.9	1.0078	8.394	.1191
4.0	1.0443	8.698	.1150	9.0	1.0071	8.388	.1192
4.1	1.0435	8.691	.1151	9.1	1.0064	8.382	.1193
4.2	1.0427	8.685	.1151	9.2	1.0057	8.376	.1194
4.3	1.0420	8.678	.1152	9.3	1.0050	8.370	.1195
4.4	1.0412	8.672	.1153	9.4	1.0043	8.364	.1196
4.5	1.0404	8.666	.1154	9.5	1.0035	8.358	.1196
4.6	1.0397	8.659	.1155	9.6	1.0028	8.352	.1197
4.7	1.0389	8.653	.1156	9.7	1.0021	8.346	.1198
4.8	1.0382	8.646	.1157	9.8	1.0014	8.340	.1199
4.9	1.0374	8.640	.1157	9.9	1.0007	8.334	.1200

NOTE

Specific-gravity values at 60°/60° F. corresponding to 0 to 10 degrees A. P. I. are here given to four decimal places in order that they may be consistent with the remainder of the table. In the earlier printing of this Circular the specific-gravity values were carried only to three decimal places.

January 6, 1938.

TABLE 5.—Specific Gravities, Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Degrees A. P. I.—Continued.

Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.	Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.
10.0	1.0000	8.328	0.1201	16.0	0.9593	7.989	0.1252
10.1	.9993	8.324	.1202	16.1	.9587	7.984	.1253
10.2	.9986	8.317	.1202	16.2	.9580	7.978	.1253
10.3	.9979	8.311	.1203	16.3	.9574	7.973	.1254
10.4	.9972	8.305	.1204	16.4	.9567	7.967	.1255
10.5	.9965	8.299	.1205	16.5	.9561	7.962	.1256
10.6	.9958	8.293	.1206	16.6	.9554	7.956	.1257
10.7	.9951	8.287	.1207	16.7	.9548	7.951	.1258
10.8	.9944	8.282	.1207	16.8	.9541	7.946	.1258
10.9	.9937	8.276	.1208	16.9	.9535	7.940	.1259
11.0	.9930	8.270	.1209	17.0	.9529	7.935	.1260
11.1	.9923	8.264	.1210	17.1	.9522	7.930	.1261
11.2	.9916	8.258	.1211	17.2	.9516	7.925	.1262
11.3	.9909	8.252	.1212	17.3	.9509	7.919	.1263
11.4	.9902	8.246	.1213	17.4	.9503	7.914	.1264
11.5	.9895	8.241	.1213	17.5	.9497	7.909	.1264
11.6	.9888	8.235	.1214	17.6	.9490	7.903	.1265
11.7	.9881	8.229	.1215	17.7	.9484	7.898	.1266
11.8	.9874	8.223	.1216	17.8	.9478	7.893	.1267
11.9	.9868	8.218	.1217	17.9	.9471	7.887	.1268
12.0	.9861	8.212	.1218	18.0	.9465	7.882	.1269
12.1	.9854	8.206	.1219	18.1	.9459	7.877	.1270
12.2	.9847	8.201	.1219	18.2	.9452	7.871	.1270
12.3	.9840	8.195	.1220	18.3	.9446	7.866	.1271
12.4	.9833	8.189	.1221	18.4	.9440	7.861	.1272
12.5	.9826	8.183	.1222	18.5	.9433	7.856	.1273
12.6	.9820	8.178	.1223	18.6	.9427	7.851	.1274
12.7	.9813	8.172	.1224	18.7	.9421	7.846	.1275
12.8	.9806	8.166	.1225	18.8	.9415	7.841	.1275
12.9	.9799	8.161	.1225	18.9	.9408	7.835	.1276
13.0	.9792	8.155	.1226	19.0	.9402	7.830	.1277
13.1	.9786	8.150	.1227	19.1	.9396	7.825	.1278
13.2	.9779	8.144	.1228	19.2	.9390	7.820	.1279
13.3	.9772	8.138	.1229	19.3	.9383	7.814	.1280
13.4	.9765	8.132	.1230	19.4	.9377	7.809	.1281
13.5	.9759	8.127	.1230	19.5	.9371	7.804	.1281
13.6	.9752	8.122	.1231	19.6	.9365	7.799	.1282
13.7	.9745	8.116	.1232	19.7	.9358	7.793	.1283
13.8	.9738	8.110	.1233	19.8	.9352	7.788	.1284
13.9	.9732	8.105	.1234	19.9	.9346	7.783	.1285
14.0	.9725	8.099	.1235	20.0	.9340	7.778	.1286
14.1	.9718	8.093	.1236	20.1	.9334	7.773	.1287
14.2	.9712	8.088	.1236	20.2	.9328	7.768	.1287
14.3	.9705	8.082	.1237	20.3	.9321	7.762	.1288
14.4	.9698	8.076	.1238	20.4	.9315	7.757	.1289
14.5	.9692	8.071	.1239	20.5	.9309	7.752	.1290
14.6	.9685	8.066	.1240	20.6	.9303	7.747	.1291
14.7	.9679	8.061	.1241	20.7	.9297	7.742	.1292
14.8	.9672	8.055	.1241	20.8	.9291	7.737	.1292
14.9	.9665	8.049	.1242	20.9	.9285	7.732	.1293
15.0	.9659	8.044	.1243	21.0	.9279	7.727	.1294
15.1	.9652	8.038	.1244	21.1	.9273	7.722	.1295
15.2	.9646	8.033	.1245	21.2	.9267	7.717	.1296
15.3	.9639	8.027	.1246	21.3	.9260	7.711	.1297
15.4	.9632	8.021	.1247	21.4	.9254	7.706	.1298
15.5	.9626	8.016	.1248	21.5	.9248	7.701	.1299
15.6	.9619	8.011	.1248	21.6	.9242	7.696	.1299
15.7	.9613	8.006	.1249	21.7	.9236	7.691	.1300
15.8	.9606	8.000	.1250	21.8	.9230	7.686	.1301
15.9	.9600	7.995	.1251	21.9	.9224	7.681	.1302

TABLE 5.—Specific Gravities, Pound per Gallon, and Gallons per Pound, Corresponding to the Designated Degrees A. P. I.—Continued.

Degrees A. P. I.	Specific Gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.	Degrees A. P. I.	Specific Gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.
22.0	0.9218	7.676	0.1303	28.5	0.8844	7.364	.1358
22.1	.9212	7.671	.1304	28.6	.8838	7.360	.1359
22.2	.9206	7.666	.1304	28.7	.8833	7.355	.1360
22.3	.9200	7.661	.1305	28.8	.8827	7.351	.1360
22.4	.9194	7.656	.1306	28.9	.8822	7.346	.1361
22.5	.9188	7.651	.1307	29.0	.8816	7.341	.1362
22.6	.9182	7.646	.1308	29.1	.8811	7.337	.1363
22.7	.9176	7.641	.1309	29.2	.8805	7.332	.1364
22.8	.9170	7.636	.1310	29.3	.8800	7.328	.1365
22.9	.9165	7.632	.1310	29.4	.8794	7.323	.1366
23.0	.9159	7.627	.1311	29.5	.8789	7.318	.1366
23.1	.9153	7.622	.1312	29.6	.8783	7.314	.1367
23.2	.9147	7.617	.1313	29.7	.8778	7.309	.1368
23.3	.9141	7.612	.1314	29.8	.8772	7.305	.1369
23.4	.9135	7.607	.1315	29.9	.8767	7.300	.1370
23.5	.9129	7.602	.1315	30.0	.8762	7.296	.1371
23.6	.9123	7.597	.1316	30.1	.8756	7.291	.1372
23.7	.9117	7.592	.1317	30.2	.8751	7.287	.1372
23.8	.9111	7.587	.1318	30.3	.8745	7.282	.1373
23.9	.9106	7.583	.1319	30.4	.8740	7.278	.1374
24.0	.9100	7.578	.1320	30.5	.8735	7.273	.1375
24.1	.9094	7.573	.1320	30.6	.8729	7.268	.1376
24.2	.9088	7.568	.1321	30.7	.8724	7.264	.1377
24.3	.9082	7.563	.1322	30.8	.8718	7.259	.1378
24.4	.9076	7.558	.1323	30.9	.8713	7.255	.1378
24.5	.9071	7.554	.1324	31.0	.8708	7.251	.1379
24.6	.9065	7.549	.1325	31.1	.8702	7.246	.1380
24.7	.9059	7.544	.1326	31.2	.8697	7.242	.1381
24.8	.9053	7.539	.1326	31.3	.8692	7.238	.1382
24.9	.9047	7.534	.1327	31.4	.8686	7.233	.1383
25.0	.9042	7.529	.1328	31.5	.8681	7.228	.1384
25.1	.9036	7.524	.1329	31.6	.8676	7.224	.1384
25.2	.9030	7.519	.1330	31.7	.8670	7.219	.1385
25.3	.9024	7.514	.1331	31.8	.8665	7.215	.1386
25.4	.9018	7.509	.1332	31.9	.8660	7.211	.1387
25.5	.9013	7.505	.1332	32.0	.8654	7.206	.1388
25.6	.9007	7.500	.1333	32.1	.8649	7.202	.1389
25.7	.9001	7.495	.1334	32.2	.8644	7.198	.1389
25.8	.8996	7.491	.1335	32.3	.8639	7.193	.1390
25.9	.8990	7.486	.1336	32.4	.8633	7.188	.1391
26.0	.8984	7.481	.1337	32.5	.8628	7.184	.1392
26.1	.8978	7.476	.1338	32.6	.8623	7.180	.1393
26.2	.8973	7.472	.1338	32.7	.8618	7.176	.1394
26.3	.8967	7.467	.1339	32.8	.8612	7.171	.1395
26.4	.8961	7.462	.1340	32.9	.8607	7.167	.1395
26.5	.8956	7.458	.1341	33.0	.8602	7.163	.1396
26.6	.8950	7.453	.1342	33.1	.8597	7.158	.1397
26.7	.8944	7.448	.1343	33.2	.8591	7.153	.1398
26.8	.8939	7.443	.1344	33.3	.8586	7.149	.1399
26.9	.8933	7.438	.1344	33.4	.8581	7.145	.1400
27.0	.8927	7.434	.1345	33.5	.8576	7.141	.1400
27.1	.8922	7.429	.1346	33.6	.8571	7.137	.1401
27.2	.8916	7.424	.1347	33.7	.8565	7.132	.1402
27.3	.8911	7.420	.1348	33.8	.8560	7.128	.1403
27.4	.8905	7.415	.1349	33.9	.8555	7.123	.1404
27.5	.8899	7.410	.1350	34.0	.8550	7.119	.1405
27.6	.8894	7.406	.1350	34.1	.8545	7.115	.1405
27.7	.8888	7.401	.1351	34.2	.8540	7.111	.1406
27.8	.8883	7.397	.1352	34.3	.8534	7.106	.1407
27.9	.8877	7.392	.1353	34.4	.8529	7.102	.1408
28.0	.8871	7.387	.1354	34.5	.8524	7.098	.1409
28.1	.8866	7.383	.1354	34.6	.8519	7.093	.1410
28.2	.8860	7.378	.1355	34.7	.8514	7.089	.1411
28.3	.8855	7.373	.1356	34.8	.8509	7.085	.1411
28.4	.8849	7.368	.1357	34.9	.8504	7.081	.1412

TABLE 5.—Specific Gravities, Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Degrees A. P. I.—Continued.

Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.	Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.
35.0	0.8498	7.076	0.1413	41.5	0.8179	6.810	0.1468
35.1	.8493	7.072	.1414	41.6	.8174	6.806	.1469
35.2	.8488	7.068	.1415	41.7	.8170	6.802	.1470
35.3	.8483	7.063	.1416	41.8	.8165	6.798	.1471
35.4	.8478	7.059	.1417	41.9	.8160	6.794	.1472
35.5	.8473	7.055	.1417	42.0	.8155	6.790	.1473
35.6	.8468	7.051	.1418	42.1	.8151	6.786	.1474
35.7	.8463	7.047	.1419	42.2	.8146	6.782	.1474
35.8	.8458	7.042	.1420	42.3	.8142	6.779	.1475
35.9	.8453	7.038	.1421	42.4	.8137	6.775	.1476
36.0	.8448	7.034	.1422	42.5	.8132	6.771	.1477
36.1	.8443	7.030	.1422	42.6	.8128	6.767	.1478
36.2	.8438	7.026	.1423	42.7	.8123	6.763	.1479
36.3	.8433	7.022	.1424	42.8	.8118	6.759	.1480
36.4	.8428	7.018	.1425	42.9	.8114	6.756	.1480
36.5	.8423	7.013	.1426	43.0	.8109	6.752	.1481
36.6	.8418	7.009	.1427	43.1	.8104	6.748	.1482
36.7	.8413	7.005	.1428	43.2	.8100	6.744	.1483
36.8	.8408	7.001	.1428	43.3	.8095	6.740	.1484
36.9	.8403	6.997	.1429	43.4	.8090	6.736	.1485
37.0	.8398	6.993	.1430	43.5	.8086	6.732	.1485
37.1	.8393	6.989	.1431	43.6	.8081	6.728	.1486
37.2	.8388	6.985	.1432	43.7	.8076	6.724	.1487
37.3	.8383	6.980	.1433	43.8	.8072	6.720	.1488
37.4	.8378	6.976	.1433	43.9	.8067	6.716	.1489
37.5	.8373	6.972	.1434	44.0	.8063	6.713	.1490
37.6	.8368	6.968	.1435	44.1	.8058	6.709	.1491
37.7	.8363	6.964	.1436	44.2	.8054	6.705	.1491
37.8	.8358	6.960	.1437	44.3	.8049	6.701	.1492
37.9	.8353	6.955	.1438	44.4	.8044	6.697	.1493
38.0	.8348	6.951	.1439	44.5	.8040	6.694	.1494
38.1	.8343	6.947	.1439	44.6	.8035	6.690	.1495
38.2	.8338	6.943	.1440	44.7	.8031	6.686	.1496
38.3	.8333	6.939	.1441	44.8	.8026	6.682	.1497
38.4	.8328	6.935	.1442	44.9	.8022	6.679	.1497
38.5	.8324	6.930	.1443	45.0	.8017	6.675	.1498
38.6	.8319	6.926	.1444	45.1	.8012	6.671	.1499
38.7	.8314	6.922	.1445	45.2	.8008	6.667	.1500
38.8	.8309	6.918	.1446	45.3	.8003	6.663	.1501
38.9	.8304	6.914	.1446	45.4	.7999	6.660	.1502
39.0	.8299	6.910	.1447	45.5	.7994	6.656	.1502
39.1	.8294	6.906	.1448	45.6	.7990	6.652	.1503
39.2	.8289	6.902	.1449	45.7	.7985	6.648	.1504
39.3	.8285	6.898	.1450	45.8	.7981	6.645	.1505
39.4	.8280	6.894	.1451	45.9	.7976	6.641	.1506
39.5	.8275	6.890	.1451	46.0	.7972	6.637	.1507
39.6	.8270	6.886	.1452	46.1	.7967	6.633	.1508
39.7	.8265	6.882	.1453	46.2	.7963	6.630	.1508
39.8	.8260	6.878	.1454	46.3	.7958	6.626	.1509
39.9	.8256	6.874	.1455	46.4	.7954	6.622	.1510
40.0	.8251	6.870	.1456	46.5	.7949	6.618	.1511
40.1	.8246	6.866	.1456	46.6	.7945	6.615	.1512
40.2	.8241	6.862	.1457	46.7	.7941	6.611	.1513
40.3	.8236	6.858	.1458	46.8	.7936	6.607	.1514
40.4	.8232	6.854	.1459	46.9	.7932	6.604	.1514
40.5	.8227	6.850	.1460	47.0	.7927	6.600	.1515
40.6	.8222	6.846	.1461	47.1	.7923	6.596	.1516
40.7	.8217	6.842	.1462	47.2	.7918	6.592	.1517
40.8	.8212	6.838	.1462	47.3	.7914	6.589	.1518
40.9	.8208	6.834	.1463	47.4	.7909	6.585	.1519
41.0	.8203	6.830	.1464	47.5	.7905	6.582	.1519
41.1	.8198	6.826	.1465	47.6	.7901	6.578	.1520
41.2	.8193	6.822	.1466	47.7	.7896	6.574	.1521
41.3	.8189	6.818	.1467	47.8	.7892	6.571	.1522
41.4	.8184	6.814	.1468	47.9	.7887	6.567	.1523

TABLE 5.—Specific Gravities, Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Degrees A. P. I.—Continued.

Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.	Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.
48.0	0.7883	6.563	0.1524	54.5	0.7608	6.334	0.1579
48.1	.7879	6.560	.1524	54.6	.7603	6.330	.1580
48.2	.7874	6.556	.1525	54.7	.7599	6.326	.1581
48.3	.7870	6.552	.1526	54.8	.7595	6.323	.1582
48.4	.7865	6.548	.1527	54.9	.7591	6.320	.1582
48.5	.7861	6.545	.1528	55.0	.7587	6.316	.1583
48.6	.7857	6.541	.1529	55.1	.7583	6.313	.1584
48.7	.7852	6.537	.1530	55.2	.7579	6.310	.1585
48.8	.7848	6.534	.1530	55.3	.7575	6.306	.1586
48.9	.7844	6.530	.1531	55.4	.7571	6.303	.1587
49.0	.7839	6.526	.1532	55.5	.7567	6.300	.1587
49.1	.7835	6.523	.1533	55.6	.7563	6.296	.1588
49.2	.7831	6.520	.1534	55.7	.7559	6.293	.1589
49.3	.7826	6.516	.1535	55.8	.7555	6.290	.1590
49.4	.7822	6.512	.1536	55.9	.7551	6.287	.1591
49.5	.7818	6.509	.1536	56.0	.7547	6.283	.1592
49.6	.7813	6.505	.1537	56.1	.7543	6.280	.1592
49.7	.7809	6.501	.1538	56.2	.7539	6.276	.1593
49.8	.7805	6.498	.1539	56.3	.7535	6.273	.1594
49.9	.7800	6.494	.1540	56.4	.7531	6.270	.1595
50.0	.7796	6.490	.1541	56.5	.7527	6.266	.1596
50.1	.7792	6.487	.1542	56.6	.7523	6.263	.1597
50.2	.7788	6.484	.1542	56.7	.7519	6.259	.1598
50.3	.7783	6.480	.1543	56.8	.7515	6.256	.1598
50.4	.7779	6.476	.1544	56.9	.7511	6.253	.1599
50.5	.7775	6.473	.1545	57.0	.7507	6.249	.1600
50.6	.7770	6.469	.1546	57.1	.7503	6.246	.1601
50.7	.7766	6.466	.1547	57.2	.7499	6.243	.1602
50.8	.7762	6.462	.1548	57.3	.7495	6.240	.1603
50.9	.7758	6.459	.1548	57.4	.7491	6.236	.1604
51.0	.7753	6.455	.1549	57.5	.7487	6.233	.1604
51.1	.7749	6.451	.1550	57.6	.7483	6.229	.1605
51.2	.7745	6.448	.1551	57.7	.7479	6.226	.1606
51.3	.7741	6.445	.1552	57.8	.7475	6.223	.1607
51.4	.7736	6.441	.1553	57.9	.7471	6.219	.1608
51.5	.7732	6.437	.1554	58.0	.7467	6.216	.1609
51.6	.7728	6.434	.1554	58.1	.7463	6.213	.1610
51.7	.7724	6.430	.1555	58.2	.7459	6.209	.1611
51.8	.7720	6.427	.1556	58.3	.7455	6.206	.1611
51.9	.7715	6.423	.1557	58.4	.7451	6.203	.1612
52.0	.7711	6.420	.1558	58.5	.7447	6.199	.1613
52.1	.7707	6.416	.1559	58.6	.7443	6.196	.1614
52.2	.7703	6.413	.1559	58.7	.7440	6.193	.1615
52.3	.7699	6.410	.1560	58.8	.7436	6.190	.1616
52.4	.7694	6.406	.1561	58.9	.7432	6.187	.1616
52.5	.7690	6.402	.1562	59.0	.7428	6.184	.1617
52.6	.7686	6.399	.1563	59.1	.7424	6.180	.1618
52.7	.7682	6.396	.1563	59.2	.7420	6.177	.1619
52.8	.7678	6.392	.1564	59.3	.7416	6.174	.1620
52.9	.7674	6.389	.1565	59.4	.7412	6.170	.1621
53.0	.7669	6.385	.1566	59.5	.7408	6.167	.1622
53.1	.7665	6.381	.1567	59.6	.7405	6.164	.1622
53.2	.7661	6.378	.1568	59.7	.7401	6.161	.1623
53.3	.7657	6.375	.1569	59.8	.7397	6.158	.1624
53.4	.7653	6.371	.1570	59.9	.7393	6.154	.1625
53.5	.7649	6.368	.1570	60.0	.7389	6.151	.1626
53.6	.7645	6.365	.1571	60.1	.7385	6.148	.1627
53.7	.7640	6.361	[illegible]	60.2	.7381	6.144	.1628
53.8	.7636	6.357	[illegible]	60.3	.7377	6.141	.1628
53.9	.7632	6.354	[illegible]	60.4	.7374	6.138	.1629
54.0	.7628	6.350	.1575	60.5	.7370	6.135	.1630
54.1	.7624	6.347	.1576	60.6	.7366	6.132	.1631
54.2	.7620	6.344	.1576	60.7	.7362	6.129	.1632
54.3	.7616	6.340	.1577	60.8	.7358	6.125	.1633
54.4	.7612	6.337	.1578	60.9	.7354	6.122	.1633

TABLE 5.—Specific Gravities, Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Degrees A. P. I.—Continued.

Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.	Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.
61.0	0.7351	6.119	0.1634	67.5	0.7111	5.919	0.1689
61.1	.7347	6.116	.1635	67.6	.7107	5.916	.1690
61.2	.7343	6.113	.1636	67.7	.7103	5.913	.1691
61.3	.7339	6.109	.1637	67.8	.7100	5.910	.1692
61.4	.7335	6.106	.1638	67.9	.7096	5.907	.1693
61.5	.7332	6.103	.1639	68.0	.7093	5.904	.1694
61.6	.7328	6.100	.1639	68.1	.7089	5.901	.1695
61.7	.7324	6.097	.1640	68.2	.7086	5.898	.1695
61.8	.7320	6.094	.1641	68.3	.7082	5.895	.1696
61.9	.7316	6.090	.1642	68.4	.7079	5.892	.1697
62.0	.7313	6.087	.1643	68.5	.7075	5.889	.1698
62.1	.7309	6.084	.1644	68.6	.7071	5.886	.1699
62.2	.7305	6.081	.1644	68.7	.7068	5.883	.1700
62.3	.7301	6.078	.1645	68.8	.7064	5.880	.1701
62.4	.7298	6.075	.1646	68.9	.7061	5.877	.1702
62.5	.7294	6.072	.1647	69.0	.7057	5.874	.1702
62.6	.7290	6.068	.1648	69.1	.7054	5.871	.1703
62.7	.7286	6.065	.1649	69.2	.7050	5.868	.1704
62.8	.7283	6.062	.1650	69.3	.7047	5.866	.1705
62.9	.7279	6.059	.1650	69.4	.7043	5.863	.1706
63.0	.7275	6.056	.1651	69.5	.7040	5.860	.1706
63.1	.7271	6.053	.1652	69.6	.7036	5.857	.1707
63.2	.7268	6.050	.1653	69.7	.7033	5.854	.1708
63.3	.7264	6.047	.1654	69.8	.7029	5.851	.1709
63.4	.7260	6.044	.1655	69.9	.7026	5.848	.1710
63.5	.7256	6.040	.1656	70.0	.7022	5.845	.1711
63.6	.7253	6.037	.1656	70.1	.7019	5.842	.1712
63.7	.7249	6.034	.1657	70.2	.7015	5.839	.1713
63.8	.7245	6.031	.1658	70.3	.7012	5.836	.1714
63.9	.7242	6.028	.1659	70.4	.7008	5.833	.1714
64.0	.7238	6.025	.1660	70.5	.7005	5.831	.1715
64.1	.7234	6.022	.1661	70.6	.7001	5.828	.1716
64.2	.7230	6.019	.1661	70.7	.6998	5.825	.1717
64.3	.7227	6.016	.1662	70.8	.6995	5.823	.1717
64.4	.7223	6.013	.1663	70.9	.6991	5.820	.1718
64.5	.7219	6.010	.1664	71.0	.6988	5.817	.1719
64.6	.7216	6.007	.1665	71.1	.6984	5.814	.1720
64.7	.7212	6.004	.1666	71.2	.6981	5.811	.1721
64.8	.7208	6.000	.1667	71.3	.6977	5.808	.1722
64.9	.7205	5.997	.1668	71.4	.6974	5.805	.1723
65.0	.7201	5.994	.1668	71.5	.6970	5.802	.1724
65.1	.7197	5.991	.1669	71.6	.6967	5.799	.1724
65.2	.7194	5.988	.1670	71.7	.6964	5.796	.1725
65.3	.7190	5.985	.1671	71.8	.6960	5.793	.1726
65.4	.7186	5.982	.1672	71.9	.6957	5.791	.1727
65.5	.7183	5.979	.1673	72.0	.6953	5.788	.1728
65.6	.7179	5.976	.1673	72.1	.6950	5.785	.1729
65.7	.7175	5.973	.1674	72.2	.6946	5.782	.1730
65.8	.7172	5.970	.1675	72.3	.6943	5.779	.1730
65.9	.7168	5.967	.1676	72.4	.6940	5.776	.1731
66.0	.7165	5.964	.1677	72.5	.6936	5.773	.1732
66.1	.7161	5.961	.1678	72.6	.6933	5.771	.1733
66.2	.7157	5.958	.1678	72.7	.6929	5.768	.1734
66.3	.7154	5.955	.1679	72.8	.6926	5.765	.1735
66.4	.7150	5.952	.1680	72.9	.6923	5.762	.1736
66.5	.7146	5.949	.1681	73.0	.6919	5.759	.1736
66.6	.7143	5.946	.1682	73.1	.6916	5.757	.1737
66.7	.7139	5.943	.1683	73.2	.6913	5.754	.1738
66.8	.7136	5.940	.1684	73.3	.6909	5.751	.1739
66.9	.7132	5.937	.1684	73.4	.6906	5.748	.1740
67.0	.7128	5.934	.1685	73.5	.6902	5.745	.1741
67.1	.7125	5.931	.1686	73.6	.6899	5.743	.1741
67.2	.7121	5.928	.1687	73.7	.6896	5.740	.1742
67.3	.7118	5.925	.1688	73.8	.6892	5.737	.1743
67.4	.7114	5.922	.1689	73.9	.6889	5.734	.1744

TABLE 5.—Specific Gravities, Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Degrees A. P. I.—Continued.

Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.	Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.
74.0	0.6886	5.731	0.1745	80.5	0.6675	5.556	0.1800
74.1	.6882	5.728	.1746	80.6	.6671	5.553	.1801
74.2	.6879	5.726	.1746	80.7	.6668	5.550	.1802
74.3	.6876	5.723	.1747	80.8	.6665	5.548	.1802
74.4	.6872	5.720	.1748	80.9	.6662	5.545	.1803
74.5	.6869	5.718	.1749	81.0	.6659	5.542	.1804
74.6	.6866	5.715	.1750	81.1	.6656	5.540	.1805
74.7	.6862	5.712	.1751	81.2	.6653	5.537	.1806
74.8	.6859	5.709	.1752	81.3	.6649	5.534	.1807
74.9	.6856	5.706	.1753	81.4	.6646	5.532	.1808
75.0	.6852	5.703	.1753	81.5	.6643	5.529	.1809
75.1	.6849	5.701	.1754	81.6	.6640	5.526	.1810
75.2	.6846	5.698	.1755	81.7	.6637	5.524	.1810
75.3	.6842	5.695	.1756	81.8	.6634	5.522	.1811
75.4	.6839	5.693	.1757	81.9	.6631	5.519	.1812
75.5	.6836	5.690	.1757	82.0	.6628	5.516	.1813
75.6	.6832	5.687	.1758	82.1	.6625	5.514	.1814
75.7	.6829	5.685	.1759	82.2	.6621	5.511	.1815
75.8	.6826	5.682	.1760	82.3	.6618	5.508	.1816
75.9	.6823	5.679	.1761	82.4	.6615	5.506	.1816
76.0	.6819	5.676	.1762	82.5	.6612	5.503	.1817
76.1	.6816	5.673	.1763	82.6	.6609	5.501	.1818
76.2	.6813	5.671	.1763	82.7	.6606	5.498	.1819
76.3	.6809	5.668	.1764	82.8	.6603	5.496	.1820
76.4	.6806	5.665	.1765	82.9	.6600	5.493	.1820
76.5	.6803	5.662	.1766	83.0	.6597	5.491	.1821
76.6	.6800	5.660	.1767	83.1	.6594	5.489	.1822
76.7	.6796	5.657	.1768	83.2	.6591	5.486	.1823
76.8	.6793	5.654	.1769	83.3	.6588	5.483	.1824
76.9	.6790	5.652	.1769	83.4	.6584	5.480	.1825
77.0	.6787	5.649	.1770	83.5	.6581	5.477	.1826
77.1	.6783	5.646	.1771	83.6	.6578	5.475	.1826
77.2	.6780	5.643	.1772	83.7	.6575	5.472	.1827
77.3	.6777	5.641	.1773	83.8	.6572	5.470	.1828
77.4	.6774	5.638	.1774	83.9	.6569	5.467	.1829
77.5	.6770	5.635	.1775	84.0	.6566	5.465	.1830
77.6	.6767	5.632	.1776	84.1	.6563	5.462	.1831
77.7	.6764	5.630	.1776	84.2	.6560	5.460	.1832
77.8	.6761	5.627	.1777	84.3	.6557	5.458	.1832
77.9	.6757	5.624	.1778	84.4	.6554	5.455	.1833
78.0	.6754	5.622	.1779	84.5	.6551	5.453	.1834
78.1	.6751	5.619	.1780	84.6	.6548	5.450	.1835
78.2	.6748	5.617	.1780	84.7	.6545	5.448	.1836
78.3	.6745	5.614	.1781	84.8	.6542	5.445	.1837
78.4	.6741	5.611	.1782	84.9	.6539	5.443	.1837
78.5	.6738	5.608	.1783	85.0	.6536	5.440	.1838
78.6	.6735	5.606	.1784	85.1	.6533	5.437	.1839
78.7	.6732	5.603	.1785	85.2	.6530	5.435	.1840
78.8	.6728	5.600	.1786	85.3	.6527	5.432	.1841
78.9	.6725	5.598	.1786	85.4	.6524	5.430	.1842
79.0	.6722	5.595	.1787	85.5	.6521	5.427	.1843
79.1	.6719	5.592	.1788	85.6	.6518	5.425	.1843
79.2	.6716	5.590	.1789	85.7	.6515	5.422	.1844
79.3	.6713	5.587	.1790	85.8	.6512	5.420	.1845
79.4	.6709	5.584	.1791	85.9	.6509	5.417	.1846
79.5	.6706	5.582	.1791	86.0	.6506	5.415	.1847
79.6	.6703	5.579	.1792	86.1	.6503	5.412	.1848
79.7	.6700	5.577	.1793	86.2	.6500	5.410	.1848
79.8	.6697	5.574	.1794	86.3	.6497	5.407	.1849
79.9	.6693	5.571	.1795	86.4	.6494	5.405	.1850
80.0	.6690	5.568	.1796	86.5	.6491	5.402	.1851
80.1	.6687	5.566	.1797	86.6	.6488	5.400	.1852
80.2	.6684	5.563	.1798	86.7	.6485	5.397	.1853
80.3	.6681	5.561	.1798	86.8	.6482	5.395	.1854
80.4	.6678	5.558	.1799	86.9	.6479	5.392	.1855

TABLE 5.—Specific Gravities, Pounds per Gallon, and Gallons per Pound, Corresponding to the Designated Degrees A. P. I.—Continued.

Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.	Degrees A. P. I.	Specific gravity at 60°/60° F.	Pounds per gallon.	Gallons per pound.
87.0	0.6476	5.390	0.1855	93.5	0.6289	5.234	0.1911
87.1	.6473	5.387	.1856	93.6	.6286	5.232	.1911
87.2	.6470	5.385	.1857	93.7	.6283	5.229	.1912
87.3	.6467	5.382	.1858	93.8	.6281	5.227	.1913
87.4	.6464	5.380	.1859	93.9	.6278	5.225	.1914
87.5	.6461	5.377	.1860	94.0	.6275	5.222	.1915
87.6	.6458	5.375	.1861	94.1	.6272	5.220	.1916
87.7	.6455	5.372	.1862	94.2	.6269	5.217	.1917
87.8	.6452	5.370	.1862	94.3	.6267	5.215	.1918
87.9	.6449	5.367	.1863	94.4	.6264	5.213	.1918
88.0	.6446	5.365	.1854	94.5	.6261	5.210	.1919
88.1	.6444	5.363	.1865	94.6	.6258	5.208	.1920
88.2	.6441	5.361	.1865	94.7	.6256	5.206	.1921
88.3	.6438	5.358	.1866	94.8	.6253	5.204	.1922
88.4	.6435	5.356	.1867	94.9	.6250	5.201	.1923
88.5	.6432	5.353	.1868	95.0	.6247	5.199	.1924
88.6	.6429	5.351	.1869	95.1	.6244	5.196	.1925
88.7	.6426	5.348	.1870	95.2	.6242	5.194	.1925
88.8	.6423	5.346	.1871	95.3	.6239	5.192	.1926
88.9	.6420	5.343	.1872	95.4	.6236	5.190	.1927
89.0	.6417	5.341	.1872	95.5	.6233	5.187	.1928
89.1	.6414	5.338	.1873	95.6	.6231	5.185	.1929
89.2	.6411	5.336	.1874	95.7	.6228	5.183	.1929
89.3	.6409	5.334	.1875	95.8	.6225	5.180	.1930
89.4	.6406	5.331	.1876	95.9	.6223	5.179	.1931
89.5	.6403	5.329	.1877	96.0	.6220	5.176	.1932
89.6	.6400	5.326	.1878	96.1	.6217	5.174	.1933
89.7	.6397	5.324	.1878	96.2	.6214	5.172	.1933
89.8	.6394	5.321	.1879	96.3	.6212	5.170	.1934
89.9	.6391	5.319	.1880	96.4	.6209	5.167	.1935
90.0	.6388	5.316	.1881	96.5	.6206	5.164	.1936
90.1	.6385	5.314	.1882	96.6	.6203	5.162	.1937
90.2	.6382	5.312	.1883	96.7	.6201	5.160	.1938
90.3	.6380	5.310	.1883	96.8	.6198	5.158	.1939
90.4	.6377	5.307	.1884	96.9	.6195	5.156	.1939
90.5	.6374	5.305	.1885	97.0	.6193	5.154	.1940
90.6	.6371	5.302	.1886	97.1	.6190	5.151	.1941
90.7	.6368	5.300	.1887	97.2	.6187	5.149	.1942
90.8	.6365	5.297	.1888	97.3	.6184	5.146	.1943
90.9	.6362	5.295	.1889	97.4	.6182	5.144	.1944
91.0	.6360	5.293	.1889	97.5	.6179	5.142	.1945
91.1	.6357	5.291	.1890	97.6	.6176	5.140	.1946
91.2	.6354	5.288	.1891	97.7	.6174	5.138	.1946
91.3	.6351	5.286	.1892	97.8	.6171	5.136	.1947
91.4	.6348	5.283	.1893	97.9	.6168	5.133	.1948
91.5	.6345	5.281	.1894	98.0	.6166	5.131	.1949
91.6	.6342	5.278	.1895	98.1	.6163	5.129	.1950
91.7	.6340	5.276	.1895	98.2	.6160	5.126	.1951
91.8	.6337	5.274	.1896	98.3	.6158	5.124	.1952
91.9	.6334	5.271	.1897	98.4	.6155	5.122	.1952
92.0	.6331	5.269	.1898	98.5	.6152	5.120	.1953
92.1	.6328	5.266	.1899	98.6	.6150	5.118	.1954
92.2	.6325	5.264	.1900	98.7	.6147	5.116	.1955
92.3	.6323	5.262	.1900	98.8	.6144	5.113	.1956
92.4	.6320	5.260	.1901	98.9	.6141	5.111	.1957
92.5	.6317	5.257	.1902	99.0	.6139	5.109	.1957
92.6	.6314	5.254	.1903	99.1	.6136	5.107	.1958
92.7	.6311	5.252	.1904	99.2	.6134	5.105	.1959
92.8	.6309	5.250	.1905	99.3	.6131	5.102	.1960
92.9	.6306	5.248	.1905	99.4	.6128	5.100	.1961
93.0	.6303	5.246	.1906	99.5	.6126	5.098	.1962
93.1	.6300	5.243	.1907	99.6	.6123	5.096	.1962
93.2	.6297	5.240	.1908	99.7	.6120	5.093	.1963
93.3	.6294	5.238	.1909	99.8	.6118	5.091	.1964
93.4	.6292	5.236	.1910	99.9	.6115	5.089	.1965
				100.0	.6112	5.086	.1966

TABLE 6.—Degrees A. P. I. (Modulus 141.5) Corresponding to Degrees Baumé (Modulus 140).

TABLE 6.—Degrees A. P. I. (Modulus 141.5) Corresponding to Degrees Baumé (Modulus 140).

Degrees Baumé (modulus 140).	Tenths of degrees Baumé.									
	0	1	2	3	4	5	6	7	8	9
10	10.00	10.10	10.20	10.30	10.40	10.51	10.61	10.71	10.81	10.91
11	11.01	11.11	11.21	11.31	11.42	11.52	11.62	11.72	11.82	11.92
12	12.02	12.12	12.22	12.32	12.43	12.53	12.63	12.73	12.83	12.93
13	13.03	13.13	13.23	13.34	13.44	13.54	13.64	13.74	13.84	13.94
14	14.04	14.14	14.24	14.35	14.45	14.55	14.65	14.75	14.85	14.95
15	15.05	15.15	15.26	15.36	15.46	15.56	15.66	15.76	15.86	15.96
16	16.06	16.17	16.27	16.37	16.47	16.57	16.67	16.77	16.87	16.97
17	17.08	17.18	17.28	17.38	17.48	17.58	17.68	17.78	17.88	17.98
18	18.09	18.19	18.29	18.39	18.49	18.59	18.69	18.79	18.89	19.00
19	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	20.01
20	20.11	20.21	20.31	20.41	20.51	20.61	20.71	20.81	20.92	21.02
21	21.12	21.22	21.32	21.42	21.52	21.62	21.72	21.83	21.93	22.03
22	22.13	22.23	22.33	22.43	22.53	22.63	22.74	22.84	22.94	23.04
23	23.14	23.24	23.34	23.44	23.54	23.64	23.75	23.85	23.95	24.05
24	24.15	24.25	24.35	24.45	24.55	24.66	24.76	24.86	24.96	25.06
25	25.16	25.26	25.36	25.46	25.56	25.67	25.77	25.87	25.97	26.07
26	26.17	26.27	26.37	26.47	26.58	26.68	26.78	26.88	26.98	27.08
27	27.18	27.28	27.38	27.49	27.59	27.69	27.79	27.89	27.99	28.09
28	28.19	28.29	28.40	28.50	28.60	28.70	28.80	28.90	29.00	29.10
29	29.20	29.30	29.41	29.51	29.61	29.71	29.81	29.91	30.01	30.11
30	30.21	30.32	30.42	30.52	30.62	30.72	30.82	30.92	31.02	31.12
31	31.22	31.33	31.43	31.53	31.63	31.73	31.83	31.93	32.03	32.13
32	32.24	32.34	32.44	32.54	32.64	32.74	32.84	32.94	33.04	33.15
33	33.25	33.35	33.45	33.55	33.65	33.75	33.85	33.95	34.06	34.16
34	34.26	34.36	34.46	34.56	34.66	34.76	34.86	34.96	35.07	35.17
35	35.27	35.37	35.47	35.57	35.67	35.77	35.87	35.98	36.08	36.18
36	36.28	36.38	36.48	36.58	36.68	36.78	36.88	36.99	37.09	37.19
37	37.29	37.39	37.49	37.59	37.69	37.79	37.90	38.00	38.10	38.20
38	38.30	38.40	38.50	38.60	38.70	38.81	38.91	39.01	39.11	39.21
39	39.31	39.41	39.51	39.61	39.72	39.82	39.92	40.02	40.12	40.22
40	40.32	40.42	40.52	40.62	40.73	40.83	40.93	41.03	41.13	41.23
41	41.33	41.43	41.53	41.64	41.74	41.84	41.94	42.04	42.14	42.24
42	42.34	42.44	42.54	42.65	42.75	42.85	42.95	43.05	43.15	43.25
43	43.35	43.45	43.56	43.66	43.76	43.86	43.96	44.06	44.16	44.26
44	44.36	44.47	44.57	44.67	44.77	44.87	44.97	45.07	45.17	45.27
45	45.38	45.48	45.58	45.68	45.78	45.88	45.98	46.08	46.18	46.28
46	46.39	46.49	46.59	46.69	46.79	46.89	46.99	47.09	47.19	47.30
47	47.40	47.50	47.60	47.70	47.80	47.90	48.00	48.10	48.20	48.31
48	48.41	48.51	48.61	48.71	48.81	48.91	49.01	49.11	49.22	49.32
49	49.42	49.52	49.62	49.72	49.82	49.92	50.02	50.13	50.23	50.33
50	50.43	50.53	50.63	50.73	50.83	50.93	51.04	51.14	51.24	51.34
51	51.44	51.54	51.64	51.74	51.84	51.94	52.05	52.15	52.25	52.35
52	52.45	52.55	52.65	52.75	52.85	52.96	53.06	53.16	53.26	53.36
53	53.46	53.56	53.66	53.76	53.86	53.97	54.07	54.17	54.27	54.37
54	54.47	54.57	54.67	54.77	54.88	54.98	55.08	55.18	55.28	55.38
55	55.48	55.58	55.68	55.79	55.89	55.99	56.09	56.19	56.29	56.39
56	56.49	56.59	56.70	56.80	56.90	57.00	57.10	57.20	57.30	57.40
57	57.50	57.60	57.71	57.81	57.91	58.01	58.11	58.21	58.31	58.41
58	58.51	58.62	58.72	58.82	58.92	59.02	59.12	59.22	59.32	59.42
59	59.52	59.63	59.73	59.83	59.93	60.03	60.13	60.23	60.33	60.43
60	60.54	60.64	60.74	60.84	60.94	61.04	61.14	61.24	61.34	61.45
61	61.55	61.65	61.75	61.85	61.95	62.05	62.15	62.25	62.36	62.46
62	62.56	62.66	62.76	62.86	62.96	63.06	63.16	63.26	63.37	63.47
63	63.57	63.67	63.77	63.87	63.97	64.07	64.17	64.28	64.38	64.48
64	64.58	64.68	64.78	64.88	64.98	65.08	65.18	65.29	65.39	65.49
65	65.59	65.69	65.79	65.89	65.99	66.09	66.20	66.30	66.40	66.50
66	66.60	66.70	66.80	66.90	67.00	67.11	67.21	67.31	67.41	67.51
67	67.61	67.71	67.81	67.91	68.02	68.12	68.22	68.32	68.42	68.52
68	68.62	68.72	68.82	68.92	69.03	69.13	69.23	69.33	69.43	69.53
69	69.63	69.73	69.83	69.94	70.04	70.14	70.24	70.34	70.44	70.54
70	70.64	70.74	70.84	70.95	71.05	71.15	71.25	71.35	71.45	71.55
71	71.65	71.75	71.86	71.96	72.06	72.16	72.26	72.36	72.46	72.56
72	72.66	72.77	72.87	72.97	73.07	73.17	73.27	73.37	73.47	73.57
73	73.68	73.78	73.88	73.98	74.08	74.18	74.28	74.38	74.48	74.58
74	74.69	74.79	74.89	74.99	75.09	75.19	75.29	75.39	75.49	75.60

TABLE 6.—Degrees A. P. I. (Modulus 141.5) Corresponding to Degrees Baumé (Modulus 140)—Continued.

Degrees Baumé (modulus 140).	Tenths of degrees Baumé.									
	0	1	2	3	4	5	6	7	8	9
75	75.70	75.80	75.90	76.00	76.10	76.20	76.30	76.40	76.50	76.61
76	76.71	76.81	76.91	77.01	77.11	77.21	77.31	77.41	77.52	77.62
77	77.72	77.82	77.92	78.02	78.12	78.22	78.32	78.43	78.53	78.63
78	78.73	78.83	78.93	79.03	79.13	79.23	79.34	79.44	79.54	79.64
79	79.74	79.84	79.94	80.04	80.14	80.24	80.35	80.45	80.55	80.65
80	80.75	80.85	80.95	81.05	81.15	81.26	81.36	81.46	81.56	81.66
81	81.76	81.86	81.96	82.06	82.16	82.27	82.37	82.47	82.57	82.67
82	82.77	82.87	82.97	83.07	83.18	83.28	83.38	83.48	83.58	83.68
83	83.78	83.88	83.98	84.09	84.19	84.29	84.39	84.49	84.59	84.69
84	84.79	84.89	85.00	85.10	85.20	85.30	85.40	85.50	85.60	85.70
85	85.80	85.90	86.01	86.11	86.21	86.31	86.41	86.51	86.61	86.71
86	86.81	86.92	87.02	87.12	87.22	87.32	87.42	87.52	87.62	87.72
87	87.82	87.93	88.03	88.13	88.23	88.33	88.43	88.53	88.63	88.73
88	88.84	88.94	89.04	89.14	89.24	89.34	89.44	89.54	89.64	89.75
89	89.85	89.95	90.05	90.15	90.25	90.35	90.45	90.55	90.66	90.76
90	90.86	90.96	91.06	91.16	91.26	91.36	91.46	91.56	91.67	91.77
91	91.87	91.97	92.07	92.17	92.27	92.37	92.47	92.58	92.68	92.78
92	92.88	92.98	93.08	93.18	93.28	93.38	93.48	93.59	93.69	93.79
93	93.89	93.99	94.09	94.19	94.29	94.39	94.50	94.60	94.70	94.80
94	94.90	95.00	95.10	95.20	95.30	95.41	95.51	95.61	95.71	95.81
95	95.91	96.01	96.11	96.21	96.32	96.42	96.52	96.62	96.72	96.82
96	96.92	97.02	97.12	97.22	97.33	97.43	97.53	97.63	97.73	97.83
97	97.93	98.03	98.13	98.24	98.34	98.44	98.54	98.64	98.74	98.84
98	98.94	99.04	99.14	99.25	99.35	99.45	99.55	99.65	99.75	99.85
99	99.95	100.05	100.16	100.26	100.36	100.46	100.56	100.66	100.76	100.86
100	100.96	.....	.....	.....	.....	.....	.....	.....	.....	.....

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RECD JAN 26 1943

UNITED STATES DEPARTMENT OF COMMERCE

DANIEL C. ROPER, Secretary

NATIONAL BUREAU OF STANDARDS

LYMAN J. BRIGGS, Director

SUPPLEMENT TO NBS CIRCULAR C410

[Issued April 20, 1937]

Supersedes Supplements to Circular 154

ABRIDGED VOLUME CORRECTION TABLE FOR PETROLEUM OILS

[Approved by American Petroleum Institute, American Society for Testing Materials, U. S. Bureau of Mines, and National Bureau of Standards. For complete table, see table 2, NBS Circular C410]

The table of reduction factors contained herein has been prepared to meet a demand from the oil industry for a short and convenient table for reducing oil volumes to the basis of 60° F when extreme accuracy is not required. It is not intended to replace the more complete volume correction table contained in Circular C410, but rather to supplement it and especially to replace the various abridged tables heretofore employed in the oil industry.

The groups, coefficients of expansion, degrees API, and gravity ranges for the several subdivisions of the present abridged table follow:

Group number	Coefficient of expansion at 60° F	Corresponding degrees API	Range of group (degrees API at 60° F)
0	0.00035	6	Up to 14.9.
1	.00040	22	15.0 to 34.9.
2	.00050	44	35.0 to 50.9.
3*	.00060	58	51.0 to 63.9.
4	.00070	72	64.0 to 78.9.
5	.00080	86	79.0 to 88.9.
6	.00085	91	89.0 to 93.9.
7	.00090	97	94.0 to 99.9.

*All motor fuel blends of gasoline and benzol shall be considered as falling in group 3. In cases of uncertainty regarding the presence of benzol, a product having a gravity heavier (numerically less) than 51° API and a 50 percent recovery point less than 293° F (145° C) shall be considered as falling in group 3.

This table shows the volume occupied at 60° F by a quantity of oil occupying unit volume at the indicated temperatures.

The columns showing temperatures in degrees Fahrenheit carry the heading t. The columns of multipliers which are actually

$$\frac{\text{volume at } 60^\circ \text{ F}}{\text{volume at } t}$$

carry the heading M.

This abridged table differs from that published in Revised Supplement to NBS Circular C154 issued in 1934 in three respects: The multipliers for group 0 have been revised slightly; group 1 has been extended from 249 to 499° F; and groups 4, 5, and 6 have been extended from 99 to 124° F.

The multipliers in the group 0 table in the Revised Supplement to NBS Circular C154 issued in 1934 were taken from the National Bureau of Standards Miscellaneous Publication M97. With the revision of Circular C154 (published as Circular C410) to include data on oils from 0 to 10° API, it has seemed desirable to employ the procedure followed in the other groups and choose the column of multipliers from the unabridged table which has a base coefficient of expansion nearest 0.00035, which, in the case of group 0, is the column corresponding to a gravity of 6° of API.

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Reg E-330

Group 0 (up to 14.9° API)

(t = temperature in degrees F; M = multipliers)

t	M	t	M	t	M	t	M	t	M
0	1.0211	50	1.0035	100	0.9862	150	0.9691	200	0.9523
1	1.0208	51	1.0032	101	.9858	151	.9687	201	.9520
2	1.0204	52	1.0028	102	.9855	152	.9684	202	.9517
3	1.0201	53	1.0025	103	.9852	153	.9680	203	.9513
4	1.0197	54	1.0021	104	.9848	154	.9677	204	.9510
5	1.0194	55	1.0017	105	.9844	155	.9674	205	.9507
6	1.0190	56	1.0014	106	.9841	156	.9670	206	.9504
7	1.0186	57	1.0010	107	.9837	157	.9667	207	.9500
8	1.0183	58	1.0007	108	.9834	158	.9664	208	.9497
9	1.0179	59	1.0003	109	.9831	159	.9660	209	.9494
10	1.0176	60	1.0000	110	.9827	160	.9657	210	.9490
11	1.0172	61	0.9997	111	.9823	161	.9654	211	.9487
12	1.0168	62	.9993	112	.9820	162	.9650	212	.9484
13	1.0165	63	.9990	113	.9816	163	.9647	213	.9481
14	1.0161	64	.9986	114	.9813	164	.9643	214	.9477
15	1.0158	65	.9982	115	.9809	165	.9640	215	.9474
16	1.0154	66	.9979	116	.9806	166	.9637	216	.9471
17	1.0151	67	.9976	117	.9802	167	.9633	217	.9468
18	1.0147	68	.9972	118	.9799	168	.9630	218	.9464
19	1.0144	69	.9969	119	.9795	169	.9627	219	.9461
20	1.0141	70	.9965	120	.9792	170	.9623	220	.9458
21	1.0137	71	.9962	121	.9789	171	.9620	221	.9454
22	1.0134	72	.9958	122	.9785	172	.9616	222	.9451
23	1.0130	73	.9955	123	.9782	173	.9613	223	.9448
24	1.0126	74	.9952	124	.9779	174	.9610	224	.9445
25	1.0123	75	.9948	125	.9775	175	.9606	225	.9441
26	1.0119	76	.9944	126	.9772	176	.9603	226	.9438
27	1.0116	77	.9941	127	.9768	177	.9600	227	.9435
28	1.0112	78	.9938	128	.9765	178	.9596	228	.9432
29	1.0109	79	.9934	129	.9762	179	.9593	229	.9428
30	1.0106	80	.9931	130	.9758	180	.9590	230	.9425
31	1.0102	81	.9927	131	.9755	181	.9586	231	.9422
32	1.0098	82	.9924	132	.9751	182	.9583	232	.9419
33	1.0095	83	.9920	133	.9748	183	.9580	233	.9415
34	1.0092	84	.9917	134	.9745	184	.9576	234	.9412
35	1.0088	85	.9914	135	.9741	185	.9573	235	.9409
36	1.0084	86	.9910	136	.9738	186	.9569	236	.9406
37	1.0081	87	.9907	137	.9735	187	.9566	237	.9402
38	1.0077	88	.9903	138	.9731	188	.9563	238	.9399
39	1.0074	89	.9900	139	.9728	189	.9559	239	.9396
40	1.0070	90	.9896	140	.9724	190	.9556	240	.9392
41	1.0067	91	.9892	141	.9721	191	.9553	241	.9389
42	1.0063	92	.9889	142	.9718	192	.9549	242	.9386
43	1.0059	93	.9886	143	.9714	193	.9546	243	.9383
44	1.0056	94	.9882	144	.9711	194	.9543	244	.9380
45	1.0052	95	.9879	145	.9707	195	.9539	245	.9376
46	1.0049	96	.9876	146	.9704	196	.9536	246	.9373
47	1.0045	97	.9872	147	.9701	197	.9533	247	.9370
48	1.0042	98	.9869	148	.9697	198	.9530	248	.9367
49	1.0039	99	.9865	149	.9694	199	.9527	249	.9364

Group 0 (up to 14.9° API)—Continued

(t = temperature in degrees F; M = multipliers)

t	M	t	M	t	M	t	M	t	M
250	0.9360	300	0.9201	350	0.9045	400	0.8893	450	0.8744
251	.9357	301	.9198	351	.9042	401	.8890	451	.8741
252	.9354	302	.9195	352	.9039	402	.8887	452	.8738
253	.9351	303	.9191	353	.9036	403	.8884	453	.8735
254	.9347	304	.9188	354	.9033	404	.8881	454	.8732
255	.9344	305	.9185	355	.9030	405	.8878	455	.8729
256	.9341	306	.9182	356	.9027	406	.8875	456	.8726
257	.9338	307	.9179	357	.9024	407	.8872	457	.8723
258	.9335	308	.9176	358	.9021	408	.8869	458	.8720
259	.9331	309	.9173	359	.9017	409	.8866	459	.8717
260	.9328	310	.9169	360	.9014	410	.8863	460	.8714
261	.9325	311	.9166	361	.9011	411	.8860	461	.8711
262	.9322	312	.9163	362	.9008	412	.8857	462	.8709
263	.9319	313	.9160	363	.9005	413	.8854	463	.8706
264	.9315	314	.9157	364	.9002	414	.8851	464	.8703
265	.9312	315	.9154	365	.8999	415	.8848	465	.8700
266	.9309	316	.9151	366	.8996	416	.8845	466	.8697
267	.9306	317	.9148	367	.8993	417	.8842	467	.8694
268	.9303	318	.9145	368	.8990	418	.8839	468	.8691
269	.9299	319	.9141	369	.8987	419	.8836	469	.8688
270	.9296	320	.9138	370	.8984	420	.8833	470	.8685
271	.9293	321	.9135	371	.8981	421	.8830	471	.8682
272	.9290	322	.9132	372	.8978	422	.8827	472	.8679
273	.9287	323	.9129	373	.8975	423	.8824	473	.8676
274	.9283	324	.9126	374	.8972	424	.8821	474	.8673
275	.9280	325	.9123	375	.8969	425	.8818	475	.8671
276	.9277	326	.9119	376	.8965	426	.8815	476	.8668
277	.9274	327	.9116	377	.8962	427	.8812	477	.8665
278	.9271	328	.9113	378	.8959	428	.8809	478	.8662
279	.9267	329	.9110	379	.8956	429	.8806	479	.8659
280	.9264	330	.9107	380	.8953	430	.8803	480	.8656
281	.9261	331	.9104	381	.8950	431	.8800	481	.8653
282	.9258	332	.9101	382	.8947	432	.8797	482	.8650
283	.9255	333	.9098	383	.8944	433	.8794	483	.8647
284	.9252	334	.9095	384	.8941	434	.8791	484	.8644
285	.9248	335	.9092	385	.8938	435	.8788	485	.8642
286	.9245	336	.9088	386	.8935	436	.8785	486	.8639
287	.9242	337	.9085	387	.8932	437	.8782	487	.8636
288	.9239	338	.9082	388	.8929	438	.8779	488	.8633
289	.9236	339	.9079	389	.8926	439	.8776	489	.8630
290	.9233	340	.9076	390	.8923	440	.8773	490	.8627
291	.9229	341	.9073	391	.8920	441	.8770	491	.8624
292	.9226	342	.9070	392	.8917	442	.8767	492	.8621
293	.9223	343	.9067	393	.8914	443	.8764	493	.8618
294	.9220	344	.9064	394	.8911	444	.8762	494	.8615
295	.9217	345	.9061	395	.8908	445	.8759	495	.8613
296	.9214	346	.9057	396	.8905	446	.8756	496	.8610
297	.9210	347	.9054	397	.8902	447	.8753	497	.8607
298	.9207	348	.9051	398	.8899	448	.8750	498	.8604
299	.9204	349	.9048	399	.8896	449	.8747	499	.8601

Group 1 (15.0 to 34.9° API)

(t=temperature in degrees F; M=multipliers)

t	M	t	M	t	M	t	M	t	M
0	1.0242	50	1.0040	100	0.9841	150	0.9647	200	0.9457
1	1.0238	51	1.0036	101	.9837	151	.9643	201	.9453
2	1.0234	52	1.0032	102	.9833	152	.9639	202	.9449
3	1.0230	53	1.0028	103	.9830	153	.9636	203	.9446
4	1.0226	54	1.0024	104	.9826	154	.9632	204	.9442
5	1.0222	55	1.0020	105	.9822	155	.9628	205	.9438
6	1.0218	56	1.0016	106	.9818	156	.9624	206	.9434
7	1.0214	57	1.0012	107	.9814	157	.9620	207	.9430
8	1.0210	58	1.0008	108	.9811	158	.9616	208	.9427
9	1.0206	59	1.0004	109	.9807	159	.9612	209	.9423
10	1.0202	60	1.0000	110	.9803	160	.9608	210	.9419
11	1.0198	61	0.9996	111	.9799	161	.9604	211	.9415
12	1.0194	62	.9992	112	.9795	162	.9601	212	.9412
13	1.0189	63	.9988	113	.9791	163	.9597	213	.9408
14	1.0185	64	.9984	114	.9787	164	.9594	214	.9405
15	1.0181	65	.9980	115	.9783	165	.9590	215	.9401
16	1.0177	66	.9976	116	.9779	166	.9586	216	.9397
17	1.0173	67	.9972	117	.9775	167	.9582	217	.9393
18	1.0169	68	.9968	118	.9771	168	.9578	218	.9390
19	1.0165	69	.9964	119	.9767	169	.9574	219	.9386
20	1.0161	70	.9960	120	.9763	170	.9570	220	.9382
21	1.0157	71	.9956	121	.9759	171	.9566	221	.9378
22	1.0153	72	.9952	122	.9755	172	.9562	222	.9374
23	1.0148	73	.9948	123	.9752	173	.9559	223	.9371
24	1.0144	74	.9944	124	.9748	174	.9555	224	.9367
25	1.0140	75	.9940	125	.9744	175	.9551	225	.9363
26	1.0136	76	.9936	126	.9740	176	.9547	226	.9359
27	1.0132	77	.9932	127	.9736	177	.9543	227	.9356
28	1.0128	78	.9929	128	.9732	178	.9540	228	.9352
29	1.0124	79	.9925	129	.9728	179	.9536	229	.9349
30	1.0120	80	.9921	130	.9724	180	.9532	230	.9345
31	1.0116	81	.9917	131	.9720	181	.9528	231	.9341
32	1.0112	82	.9913	132	.9716	182	.9524	232	.9337
33	1.0108	83	.9909	133	.9713	183	.9521	233	.9334
34	1.0104	84	.9905	134	.9709	184	.9517	234	.9330
35	1.0100	85	.9901	135	.9705	185	.9513	235	.9326
36	1.0096	86	.9897	136	.9701	186	.9509	236	.9322
37	1.0092	87	.9893	137	.9697	187	.9505	237	.9318
38	1.0088	88	.9889	138	.9694	188	.9502	238	.9315
39	1.0084	89	.9885	139	.9690	189	.9498	239	.9311
40	1.0080	90	.9881	140	.9686	190	.9494	240	.9307
41	1.0076	91	.9877	141	.9682	191	.9490	241	.9303
42	1.0072	92	.9873	142	.9678	192	.9487	242	.9300
43	1.0068	93	.9869	143	.9675	193	.9483	243	.9296
44	1.0064	94	.9865	144	.9671	194	.9480	244	.9293
45	1.0060	95	.9861	145	.9667	195	.9476	245	.9289
46	1.0056	96	.9857	146	.9663	196	.9472	246	.9285
47	1.0052	97	.9853	147	.9659	197	.9468	247	.9281
48	1.0048	98	.9849	148	.9655	198	.9465	248	.9278
49	1.0044	99	.9845	149	.9651	199	.9461	249	.9274

Group 1 (15.0 to 34.9° API)—Continued

(t = temperature in degrees F; M = multipliers)

t	M	t	M	t	M	t	M	t	M
250	0.9270	300	0.9088	350	0.8909	400	0.8734	450	0.8563
251	.9267	301	.9084	351	.8906	401	.8731	451	.8560
252	.9263	302	.9081	352	.8902	402	.8727	452	.8557
253	.9259	303	.9077	353	.8899	403	.8724	453	.8553
254	.9256	304	.9073	354	.8895	404	.8720	454	.8550
255	.9252	305	.9070	355	.8892	405	.8717	455	.8546
256	.9248	306	.9066	356	.8888	406	.8714	456	.8543
257	.9245	307	.9063	357	.8884	407	.8710	457	.8540
258	.9241	308	.9059	358	.8881	408	.8707	458	.8536
259	.9237	309	.9055	359	.8877	409	.8703	459	.8533
260	.9234	310	.9052	360	.8874	410	.8700	460	.8530
261	.9230	311	.9048	361	.8870	411	.8696	461	.8526
262	.9226	312	.9045	362	.8867	412	.8693	462	.8523
263	.9223	313	.9041	363	.8863	413	.8689	463	.8519
264	.9219	314	.9037	364	.8860	414	.8686	464	.8516
265	.9215	315	.9034	365	.8856	415	.8683	465	.8513
266	.9212	316	.9030	366	.8853	416	.8679	466	.8509
267	.9208	317	.9027	367	.8849	417	.8676	467	.8506
268	.9204	318	.9023	368	.8846	418	.8672	468	.8503
269	.9201	319	.9020	369	.8842	419	.8669	469	.8499
270	.9197	320	.9016	370	.8839	420	.8665	470	.8496
271	.9193	321	.9012	371	.8835	421	.8662	471	.8493
272	.9190	322	.9009	372	.8832	422	.8659	472	.8489
273	.9186	323	.9005	373	.8828	423	.8655	473	.8486
274	.9182	324	.9002	374	.8825	424	.8652	474	.8482
275	.9179	325	.8998	375	.8821	425	.8648	475	.8479
276	.9175	326	.8994	376	.8818	426	.8645	476	.8476
277	.9171	327	.8991	377	.8814	427	.8641	477	.8472
278	.9168	328	.8987	378	.8811	428	.8638	478	.8469
279	.9164	329	.8984	379	.8807	429	.8635	479	.8466
280	.9160	330	.8980	380	.8804	430	.8631	480	.8462
281	.9157	331	.8977	381	.8800	431	.8628	481	.8459
282	.9153	332	.8973	382	.8797	432	.8624	482	.8456
283	.9149	333	.8969	383	.8793	433	.8621	483	.8452
284	.9146	334	.8966	384	.8790	434	.8618	484	.8449
285	.9142	335	.8962	385	.8786	435	.8614	485	.8446
286	.9139	336	.8959	386	.8783	436	.8611	486	.8442
287	.9135	337	.8955	387	.8779	437	.8607	487	.8439
288	.9131	338	.8952	388	.8776	438	.8604	488	.8436
289	.9128	339	.8948	389	.8772	439	.8601	489	.8432
290	.9124	340	.8945	390	.8769	440	.8597	490	.8429
291	.9120	341	.8941	391	.8766	441	.8594	491	.8426
292	.9117	342	.8938	392	.8762	442	.8590	492	.8422
293	.9113	343	.8934	393	.8759	443	.8587	493	.8419
294	.9110	344	.8930	394	.8755	444	.8584	494	.8416
295	.9106	345	.8927	395	.8752	445	.8580	495	.8413
296	.9102	346	.8923	396	.8748	446	.8577	496	.8409
297	.9099	347	.8920	397	.8745	447	.8573	497	.8406
298	.9095	348	.8916	398	.8741	448	.8570	498	.8403
299	.9091	349	.8913	399	.8738	449	.8567	499	.8399

Group 2 (35.0 to 50.9° API)

(t=temperature in degrees F; M=multipliers)

t	M	t	M	t	M	t	M	t	M	t	M
0	1.0297	25	1.0174	50	1.0049	75	0.9925	100	0.9802	125	0.9677
1	1.0292	26	1.0169	51	1.0044	76	.9920	101	.9797	126	.9672
2	1.0287	27	1.0164	52	1.0039	77	.9915	102	.9792	127	.9667
3	1.0283	28	1.0159	53	1.0035	78	.9911	103	.9786	128	.9662
4	1.0278	29	1.0154	54	1.0030	79	.9906	104	.9781	129	.9657
5	1.0273	30	1.0149	55	1.0025	80	.9901	105	.9776	130	.9652
6	1.0268	31	1.0144	56	1.0020	81	.9896	106	.9771	131	.9647
7	1.0263	32	1.0139	57	1.0015	82	.9891	107	.9766	132	.9642
8	1.0258	33	1.0134	58	1.0010	83	.9886	108	.9762	133	.9637
9	1.0253	34	1.0129	59	1.0005	84	.9881	109	.9757	134	.9632
10	1.0248	35	1.0124	60	1.0000	85	.9876	110	.9752	135	.9627
11	1.0243	36	1.0119	61	0.9995	86	.9871	111	.9747	136	.9622
12	1.0238	37	1.0114	62	.9990	87	.9866	112	.9742	137	.9617
13	1.0233	38	1.0109	63	.9985	88	.9861	113	.9737	138	.9613
14	1.0228	39	1.0104	64	.9980	89	.9856	114	.9732	139	.9608
15	1.0223	40	1.0099	65	.9975	90	.9851	115	.9727	140	.9603
16	1.0218	41	1.0094	66	.9970	91	.9846	116	.9722	141	.9598
17	1.0213	42	1.0089	67	.9965	92	.9841	117	.9717	142	.9593
18	1.0208	43	1.0084	68	.9961	93	.9836	118	.9712	143	.9588
19	1.0203	44	1.0079	69	.9956	94	.9831	119	.9707	144	.9583
20	1.0198	45	1.0074	70	.9951	95	.9826	120	.9702	145	.9578
21	1.0193	46	1.0069	71	.9946	96	.9821	121	.9697	146	.9573
22	1.0188	47	1.0064	72	.9941	97	.9816	122	.9692	147	.9568
23	1.0184	48	1.0059	73	.9935	98	.9812	123	.9687	148	.9563
24	1.0179	49	1.0054	74	.9930	99	.9807	124	.9682	149	.9558

Group 3 (51.0 to 63.9° API)

(t=temperature in degrees F; M=multipliers)

t	M	t	M	t	M	t	M	t	M
0	1.0361	25	1.0211	50	1.0060	75	0.9909	100	0.9757
1	1.0355	26	1.0205	51	1.0054	76	.9903	101	.9751
2	1.0349	27	1.0199	52	1.0048	77	.9897	102	.9745
3	1.0343	28	1.0193	53	1.0042	78	.9891	103	.9738
4	1.0337	29	1.0187	54	1.0036	79	.9885	104	.9732
5	1.0331	30	1.0181	55	1.0030	80	.9879	105	.9726
6	1.0325	31	1.0175	56	1.0024	81	.9873	106	.9720
7	1.0319	32	1.0169	57	1.0018	82	.9867	107	.9714
8	1.0313	33	1.0163	58	1.0012	83	.9860	108	.9708
9	1.0307	34	1.0157	59	1.0006	84	.9854	109	.9702
10	1.0301	35	1.0151	60	1.0000	85	.9848	110	.9696
11	1.0295	36	1.0145	61	0.9994	86	.9842	111	.9690
12	1.0289	37	1.0139	62	.9988	87	.9836	112	.9684
13	1.0283	38	1.0133	63	.9982	88	.9830	113	.9678
14	1.0277	39	1.0127	64	.9976	89	.9824	114	.9672
15	1.0271	40	1.0121	65	.9970	90	.9818	115	.9666
16	1.0265	41	1.0115	66	.9964	91	.9812	116	.9660
17	1.0259	42	1.0109	67	.9957	92	.9806	117	.9654
18	1.0253	43	1.0103	68	.9951	93	.9800	118	.9647
19	1.0247	44	1.0097	69	.9945	94	.9794	119	.9641
20	1.0241	45	1.0091	70	.9939	95	.9788	120	.9635
21	1.0235	46	1.0085	71	.9933	96	.9782	121	.9629
22	1.0229	47	1.0079	72	.9927	97	.9776	122	.9623
23	1.0223	48	1.0072	73	.9921	98	.9769	123	.9617
24	1.0217	49	1.0066	74	.9915	99	.9763	124	.9611

Group 4 (64.0 to 78.9° API)

(t=temperature in degrees F; M=multipliers)

t	M	t	M	t	M	t	M	t	M
0	1.0419	25	1.0246	50	1.0070	75	0.9894	100	0.9716
1	1.0412	26	1.0239	51	1.0063	76	.9887	101	.9709
2	1.0405	27	1.0232	52	1.0056	77	.9880	102	.9702
3	1.0398	28	1.0225	53	1.0049	78	.9872	103	.9695
4	1.0391	29	1.0218	54	1.0042	79	.9865	104	.9688
5	1.0384	30	1.0211	55	1.0035	80	.9858	105	.9681
6	1.0377	31	1.0204	56	1.0028	81	.9851	106	.9673
7	1.0370	32	1.0197	57	1.0021	82	.9844	107	.9666
8	1.0364	33	1.0190	58	1.0014	83	.9837	108	.9659
9	1.0357	34	1.0183	59	1.0007	84	.9830	109	.9652
10	1.0350	35	1.0176	60	1.0000	85	.9823	110	.9645
11	1.0343	36	1.0169	61	.9993	86	.9816	111	.9638
12	1.0336	37	1.0162	62	.9986	87	.9809	112	.9631
13	1.0329	38	1.0155	63	.9979	88	.9802	113	.9624
14	1.0322	39	1.0148	64	.9972	89	.9795	114	.9617
15	1.0315	40	1.0141	65	.9965	90	.9788	115	.9609
16	1.0308	41	1.0134	66	.9958	91	.9780	116	.9602
17	1.0301	42	1.0127	67	.9951	92	.9773	117	.9595
18	1.0294	43	1.0120	68	.9943	93	.9766	118	.9588
19	1.0287	44	1.0113	69	.9936	94	.9759	119	.9581
20	1.0280	45	1.0106	70	.9929	95	.9752	120	.9574
21	1.0273	46	1.0099	71	.9922	96	.9745	121	.9567
22	1.0266	47	1.0092	72	.9915	97	.9738	122	.9560
23	1.0260	48	1.0084	73	.9908	98	.9731	123	.9552
24	1.0253	49	1.0077	74	.9901	99	.9723	124	.9545

Group 5 (79.0 to 88.9° API)

(t=temperature in degrees F; M=multipliers)

t	M	t	M	t	M	t	M	t	M
0	1.0476	25	1.0280	50	1.0080	75	0.9879	100	0.9676
1	1.0468	26	1.0272	51	1.0072	76	.9871	101	.9668
2	1.0460	27	1.0264	52	1.0064	77	.9863	102	.9660
3	1.0453	28	1.0256	53	1.0056	78	.9854	103	.9652
4	1.0445	29	1.0248	54	1.0048	79	.9846	104	.9643
5	1.0437	30	1.0240	55	1.0040	80	.9838	105	.9635
6	1.0429	31	1.0232	56	1.0032	81	.9830	106	.9627
7	1.0421	32	1.0224	57	1.0024	82	.9822	107	.9619
8	1.0414	33	1.0216	58	1.0016	83	.9814	108	.9611
9	1.0406	34	1.0208	59	1.0008	84	.9806	109	.9603
10	1.0398	35	1.0200	60	1.0000	85	.9798	110	.9594
11	1.0390	36	1.0192	61	.9992	86	.9790	111	.9586
12	1.0382	37	1.0184	62	.9984	87	.9782	112	.9578
13	1.0375	38	1.0176	63	.9976	88	.9773	113	.9570
14	1.0367	39	1.0168	64	.9968	89	.9765	114	.9562
15	1.0359	40	1.0160	65	.9960	90	.9757	115	.9554
16	1.0351	41	1.0152	66	.9952	91	.9749	116	.9546
17	1.0343	42	1.0144	67	.9944	92	.9741	117	.9538
18	1.0335	43	1.0136	68	.9935	93	.9733	118	.9529
19	1.0327	44	1.0128	69	.9927	94	.9725	119	.9521
20	1.0319	45	1.0120	70	.9919	95	.9717	120	.9513
21	1.0311	46	1.0112	71	.9911	96	.9709	121	.9505
22	1.0303	47	1.0104	72	.9903	97	.9700	122	.9497
23	1.0296	48	1.0096	73	.9895	98	.9692	123	.9489
24	1.0288	49	1.0088	74	.9887	99	.9684	124	.9480

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Group 6 (89.0 to 93.9° API)
(t = temperature in degrees F; M = multipliers)

t	M	t	M	t	M	t	M	t	M
0	1.0501	25	1.0294	50	1.0084	75	0.9873	100	0.9659
1	1.0493	26	1.0286	51	1.0076	76	.9864	101	.9650
2	1.0484	27	1.0277	52	1.0067	77	.9856	102	.9642
3	1.0476	28	1.0269	53	1.0059	78	.9847	103	.9633
4	1.0467	29	1.0260	54	1.0050	79	.9839	104	.9625
5	1.0459	30	1.0252	55	1.0042	80	.9830	105	.9616
6	1.0451	31	1.0244	56	1.0034	81	.9821	106	.9608
7	1.0443	32	1.0236	57	1.0025	82	.9813	107	.9599
8	1.0434	33	1.0227	58	1.0017	83	.9804	108	.9590
9	1.0426	34	1.0219	59	1.0008	84	.9796	109	.9582
10	1.0418	35	1.0211	60	1.0000	85	.9787	110	.9573
11	1.0410	36	1.0203	61	0.9992	86	.9779	111	.9565
12	1.0402	37	1.0194	62	.9983	87	.9770	112	.9556
13	1.0393	38	1.0186	63	.9975	88	.9762	113	.9548
14	1.0385	39	1.0177	64	.9966	89	.9753	114	.9539
15	1.0377	40	1.0169	65	.9958	90	.9745	115	.9530
16	1.0369	41	1.0160	66	.9949	91	.9736	116	.9522
17	1.0360	42	1.0152	67	.9941	92	.9727	117	.9513
18	1.0352	43	1.0143	68	.9932	93	.9719	118	.9505
19	1.0343	44	1.0135	69	.9924	94	.9710	119	.9496
20	1.0335	45	1.0126	70	.9915	95	.9702	120	.9487
21	1.0327	46	1.0118	71	.9907	96	.9693	121	.9479
22	1.0319	47	1.0110	72	.9898	97	.9685	122	.9470
23	1.0310	48	1.0101	73	.9890	98	.9676	123	.9462
24	1.0302	49	1.0093	74	.9881	99	.9668	124	.9453

Group 7 (94.0 to 99.9° API)
(t = temperature in degrees F; M = multipliers)

t	M	t	M	t	M	t	M
0	1.0531	25	1.0312	50	1.0090	75	0.9865
1	1.0522	26	1.0303	51	1.0081	76	.9856
2	1.0513	27	1.0294	52	1.0072	77	.9847
3	1.0505	28	1.0286	53	1.0063	78	.9838
4	1.0496	29	1.0277	54	1.0054	79	.9829
5	1.0487	30	1.0268	55	1.0045	80	.9820
6	1.0478	31	1.0259	56	1.0036	81	.9811
7	1.0470	32	1.0250	57	1.0027	82	.9802
8	1.0461	33	1.0242	58	1.0018	83	.9792
9	1.0453	34	1.0233	59	1.0009	84	.9783
10	1.0444	35	1.0224	60	1.0000	85	.9774
11	1.0435	36	1.0215	61	0.9991	86	.9765
12	1.0426	37	1.0206	62	.9982	87	.9756
13	1.0418	38	1.0197	63	.9973	88	.9747
14	1.0409	39	1.0188	64	.9964	89	.9738
15	1.0400	40	1.0179	65	.9955	90	.9729
16	1.0391	41	1.0170	66	.9946	91	.9719
17	1.0382	42	1.0161	67	.9937	92	.9710
18	1.0374	43	1.0152	68	.9928	93	.9701
19	1.0365	44	1.0143	69	.9919	94	.9692
20	1.0356	45	1.0134	70	.9910	95	.9683
21	1.0347	46	1.0125	71	.9901	96	.9674
22	1.0338	47	1.0116	72	.9892	97	.9665
23	1.0330	48	1.0108	73	.9883	98	.9656
24	1.0321	49	1.0099	74	.9874	99	.9647

EXAMPLE.—Values in the table are in the form of multipliers; that is, the volume of oil at the indicated temperature and degrees API for each group, multiplied by the corresponding factor in the table, equals the volume at 60° F. For example, if the degrees API of an oil at 60° F equals 58 (group 3) and the volume at 88° F equals 8,000 gal, then the volume at 60° F equals 8,000×0.9830 or 7,864 gal.

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