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# TABLES

FOR

THE DETERMINATION OF THE DENSITY OF  
SEAWATER UNDER NORMAL PRESSURE,

$\sigma_t$

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## CONTENTS

	Page
Introduction .....	III
Instructions for Using the Tables .....	III
The Accuracy of the Tables.....	IV
Methods used in Computing the Tables.....	IV
Tables of Adjustments	
$\sigma_0 = 0-16 \quad t = -2^\circ - 0^\circ.8$ .....	2
$\sigma_0 = 0-16 \quad t = -0^\circ.8 - 0^\circ.4$ .....	4
$\sigma_0 = 0-16 \quad t = 0^\circ.4 - 1^\circ.6$ .....	6
$\sigma_0 = 0-16 \quad t = 1^\circ.6 - 2^\circ.8$ .....	8
$\sigma_0 = 0-16 \quad t = 2^\circ.8 - 4^\circ.0$ .....	10
$\sigma_0 = 0-6 \quad t = 4^\circ.0 - 10^\circ.0$ .....	12
$\sigma_0 = 0-6 \quad t = 10^\circ.0 - 20^\circ.0$ .....	14
$\sigma_0 = 0-6 \quad t = 20^\circ.0 - 33^\circ.0$ .....	16
$\sigma_0 = 6-11 \quad t = 4^\circ.0 - 10^\circ.0$ .....	18
$\sigma_0 = 6-11 \quad t = 10^\circ.0 - 20^\circ.0$ .....	20
$\sigma_0 = 6-11 \quad t = 20^\circ.0 - 33^\circ.0$ .....	22
$\sigma_0 = 11-16 \quad t = 4^\circ.0 - 10^\circ.0$ .....	24
$\sigma_0 = 11-16 \quad t = 10^\circ.0 - 20^\circ.0$ .....	26
$\sigma_0 = 11-16 \quad t = 20^\circ.0 - 33^\circ.0$ .....	28
$\sigma_0 = 16-24 \quad t = -2^\circ.0 - 4^\circ.0$ .....	30
$\sigma_0 = 16-21 \quad t = 4^\circ.0 - 10^\circ.0$ .....	32
$\sigma_0 = 16-21 \quad t = 10^\circ.0 - 20^\circ.0$ .....	34
$\sigma_0 = 16-21 \quad t = 20^\circ.0 - 33^\circ.0$ .....	36
$\sigma_0 = 21-26 \quad t = 4^\circ.0 - 10^\circ.0$ .....	38
$\sigma_0 = 21-26 \quad t = 10^\circ.0 - 20^\circ.0$ .....	40
$\sigma_0 = 21-26 \quad t = 20^\circ.0 - 33^\circ.0$ .....	42
$\sigma_0 = 24-29 \quad t = -2^\circ.0 - 0^\circ.0$ .....	44
$\sigma_0 = 24-29 \quad t = 0^\circ.0 - 4^\circ.0$ .....	46
$\sigma_0 = 26-31 \quad t = 4^\circ.0 - 10^\circ.0$ .....	48
$\sigma_0 = 26-31 \quad t = 10^\circ.0 - 20^\circ.0$ .....	50
$\sigma_0 = 26-31 \quad t = 20^\circ.0 - 33^\circ.0$ .....	52
$\sigma_0 = 31-34 \quad t = 9^\circ.0 - 21^\circ.0$ .....	54
$\sigma_0 = 31-34 \quad t = 21^\circ.0 - 33^\circ.0$ .....	56

## INTRODUCTION

It is customary in practical oceanography to express the density of sea water in a contracted form which is denoted by  $\sigma$  and which is obtained by subtracting unity from the figures expressing the density and then multiplying by 1000. If  $S$  is the density, then

$$\sigma = 1000 (S - 1).$$

$\sigma_0$  is the contracted form of the density at  $0^\circ\text{C}$ , and  $\sigma_t$  is the contracted form for the density at some temperature  $t$ , both being referred to the density of pure water at  $4^\circ\text{C}$  as unity.  $\sigma_0$  is taken directly from KNUDSEN's Hydrographical Tables 1901, where it is printed in parallel columns with the chlorine and salinity.

In order to find  $\sigma_t$  a quantity  $D$  is subtracted from  $\sigma_0$ .  $D$  is given in KNUDSEN's Tables, pp. 39 to 42, for whole degrees of temperature and integral values of  $\sigma_0$ . Interpolation for fractional values is very tedious since the change is not linear. Various tables have been drawn up to lighten the labour, and Mr. Oscar Sund has devised a slide rule for the purpose. The tables printed here are on a new principle and the author has found them very convenient.

## INSTRUCTIONS FOR USING THE TABLES

These tables are not to be used to calculate  $D$  for temperatures lower than  $-2^\circ\text{.00 C}$  or higher than  $33^\circ\text{.00 C}$ .

1) If  $\sigma_0$  is exactly 0.00 or 28.00 the value of  $D$  can be taken from one of the left hand pages 1, 3, 5 . . . opposite a right hand page in which these values of  $\sigma_0$  are found.

Example:  $\sigma_0 = 0.00$ ,  $t = 11^\circ.23$ . By the tables on pages 11, 13, 17 or 23  $D$  is 0.27. This value is accurate to two decimal places for all temperatures from  $11^\circ.23$  to  $11^\circ.32$ , but not for  $11^\circ.33$ .

Example:  $\sigma_0 = 28.00$ ,  $t = 15^\circ.46$ . By the tables on pages 33, 39, 49, or 53,  $D = 2.23$  to two decimal places.

2) If  $\sigma_0$  is not exactly 0.00 or 28.00, take out the appropriate adjustment from one of the right hand tables, add it to the temperature and then find  $D$  from the left hand table opposite.

Example:  $\sigma_0 = 7.00$ ,  $t = 12^\circ.00$ . The adjustment is 2.40 by the table on page 20, the adjusted temperature is  $14^\circ.40$  and  $D$  is 0.66 by the table on page 19 opposite.

Example:  $\sigma_0 = 7.08$ ,  $t = 12^\circ.63$ . Interpolation is necessary for  $\sigma_0$  and for  $t$ . Exact interpolation gives 2.38 as the adjustment and  $D$  is 0.75.

But in most cases exact interpolation is not necessary. In the present example a difference of 0.07 in the adjusted temperature corresponds to a difference of 0.01 in  $D$ , and an error of  $\pm 0.03$  would make no difference in the value of  $D$  found.

In most cases it is necessary to interpolate between four figures arranged in a rectangle; it is very instructive to compare the difference between the extremes with the difference of temperature corresponding to 0.01 in  $D$ . As a rule it will be found that no great error will be caused by omitting interpolation altogether, certainly not greater than the average error due to other causes in routine observations.

### THE ACCURACY OF THE TABLES

At the higher temperatures the accuracy of the tables is limited by the fact that  $D$  changes rapidly with the temperature. For instance, at  $25^{\circ}$  a rise of only  $0^{\circ}.03$  increases  $D$  by 0.01. But the temperatures of such warm waters cannot be determined with great accuracy as a matter of routine and it is therefore probable that the tables will suffice for all practical purposes.

The tables are most accurate for waters of the higher salinities,  $S\% = 20$  or more, and at moderate temperatures. A change of  $0^{\circ}.09$  is required to cause a change of 0.01 in  $D$  at  $5^{\circ}$  and a change of  $0^{\circ}.05$  at  $15^{\circ}$ .

Waters of salinity less than  $20\%$  ( $\sigma_0 = 16$  approximately) are referred to a table of  $D$  for  $\sigma_0 = 0.00$ .  $D$  passes through a minimum for such waters, which falls nearly at  $4^{\circ}$  for  $\sigma_0 = 0.00$ , and at progressively lower temperatures for saltier waters. The change in  $D$  is rapid and from the arithmetical point of view the tables are satisfactory. But on account of the difficulty of determining the density at these temperatures the increased accuracy is not real.

For this reason, too, the adjustments have been rounded off in many cases to  $0^{\circ}.1$  or  $0^{\circ}.05$  where it could be done without loss of accuracy.

There is a break in the tables at the point of minimum density of water of  $\sigma_0 = 0.00$ .

An accurate knowledge of  $\sigma_t$  is particularly desirable in the case of oceanic waters of moderate temperature on account of their importance in dynamical calculations. It is fortunate that the tables are satisfactory here; the adjustments are small and the interpolations easy.

### METHOD USED IN COMPUTING THE TABLES

The tables are founded on pp. 39 to 42 of KNUDSEN's Hydrographical Tables 1901, in which  $D$  is given to three places of decimals.

The values of  $D$  may be arranged thus

T — 3	$D_{,,}$	
T — 2	$D_{,,}$	$a_{,,}$
		$b_{,,}$
T — 1	$D,,$	$a,,$
		$b,,$
T	$D,$	$a,$
		$b,$
T + 1	$D'$	$a'$
		$b'$
		$a''$
T + 2	$D''$	$b''$

in which  $T$  is the temperature,  $D_{,,}$  etc. the corresponding values of  $D$ , and  $a$ ,  $b$ ,  $c$ , the differences; that is,  $D - D_{,,} = a$ ,  $a' - a = b$  and so on.

In order to obtain an expression for the function  $D$  corresponding to the argument  $T + t$ ,  $t$  must be expressed in terms of the interval of one degree; that is, we must make  $t = n \times 1$ .

In the present case  $D$  is given and we have to find the corresponding values of  $T + t$ .

If  $b_0 = \frac{b + b'}{2}$ , it may be shown that

$$D_n = D + na' + \frac{n(n-1)}{1 \cdot 2} b_0 + \frac{n(n-1)(n-\frac{1}{2})}{1 \cdot 2 \cdot 3} c'.$$

Now this may be written

$$D_n = D + n \left( a' + \frac{n-1}{2} (b_0 + \dots) \right).$$

Hence as an approximation disregarding the second differences

$$n_1 = \frac{D_n - D}{a'}$$

and more accurately

$$n_2 = \frac{D_n - D}{a' + \frac{n_1 - 1}{2} b_0}$$

in which we employ the approximate value of  $n$  first found to determine the correction of the first difference depending upon the second difference.

$D$  has the form 1.005, 1.015, 1.025 etc., and is rounded off before tabulating to two decimal places by adding 0.005, that is, to 1.01, 1.02 etc. The values of  $D$  given in the tables are therefore correct to two places over the interval contained between two successive temperatures.

As an example we may take the calculation of  $D$  for water of  $\sigma_0 = 28.00$  from  $6^\circ$  to  $7^\circ$ .

$$\sigma_0 = 28.00. \quad T = 6^\circ. \quad D = 0.550. \quad a' = 0.134. \quad b_0 = \frac{b + b'}{2} = 0.0114.$$

$D_n$	$D_n - D$	$\frac{D_n - D}{a'} = n_1$	$n_1 - 1$	$\frac{n_1 - 1}{2} b_0 = \gamma$	$a' + \gamma$	$T + \frac{D_n - D}{a' + \gamma}$
0.555	0.005	0.0373	-0.9627	-0.00549	0.1285	$6^\circ.039$
0.565	0.015	0.1119	-0.8881	-0.00506	0.1289	$6^\circ.116$
0.575	0.025	0.1865	-0.8135	-0.00464	0.1294	$6^\circ.193$
0.585	0.035	0.2612	-0.7388	-0.00421	0.1298	$6^\circ.270$
0.595	0.045	0.3358	-0.6642	-0.00379	0.1302	$6^\circ.346$
0.605	0.055	0.4104	-0.5896	-0.00336	0.1306	$6^\circ.421$

It will be seen that the last column but one,  $a' + \gamma$ , increases regularly by 0.0004. It is therefore sufficient to calculate it for the two extreme values falling between  $6^\circ$  and  $7^\circ$  and fill in the rest by linear interpolation. This decreases the labour considerably.

At the higher temperatures the figures in the last column increase at such a regular rate that it is sufficient to calculate them for every second, third or fourth value of  $D$  and interpolate linearly here also.

This method of calculation was used for the larger part of the work.

At the lowest temperatures and in the neighbourhood of the minimum  $D$  was plotted on a large scale and the curve used to supplement the arithmetical work

The adjustments were then calculated by finding at what temperatures each of the values of  $D$  on pp. 39 to 42 of KNUDSENS Tables occur in the two tables for  $\sigma_0 = 0.00$  and 28.00 respectively.

At the lower temperatures additional values of  $D$  had to be calculated first for fractions of a degree.

$t^{\circ} = -2^{\circ}.03$  to  $0^{\circ}.08$

— 1 —

$t^{\circ}$	D
—2.03	0.17
—1.93	0.16
—1.83	0.15
—1.73	0.14
—1.63	0.13
—1.53	0.12
—1.42	0.11
—1.31	0.10
—2.20	0.09
—1.09	0.08
—0.98	0.07
—0.86	0.06
—0.74	0.05
—0.61	0.04
—0.48	0.03
—0.35	0.02
—0.21	0.01
—0.07	0.00
0.08	—0.01

**Example:**

D = 0.06 for the temperature range  $-0^{\circ}.86$  to  $-0^{\circ}.75$  both included.

	-2°.0	-1°.9	-1°.8	-1°.7	-1°.6	-1°.5	-1°.4	-1°.3	-1°.2	-1°.1	-1°.0	-0°.9	-0°.8
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
1.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
1.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
2.0	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1
2.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1
3.0	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2
3.5	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2
4.0	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2
4.5	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.2
<b>5.0</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>
5.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.3	.3	.3
6.0	.6	.6	.5	.5	.5	.5	.5	.4	.4	.4	.4	.3	.3
6.5	.7	.6	.6	.5	.6	.5	.5	.5	.4	.4	.4	.4	.3
7.0	.7	.7	.7	.6	.6	.6	.5	.5	.5	.5	.4	.4	.3
7.5	.8	.7	.7	.7	.6	.6	.6	.6	.5	.5	.4	.4	.4
8.0	.8	.8	.8	.7	.7	.7	.6	.6	.6	.5	.5	.4	.4
8.5	.9	.8	.8	.8	.7	.7	.7	.6	.6	.6	.5	.5	.4
9.0	0.9	.9	.9	.8	.8	.7	.7	.7	.6	.6	.5	.5	.4
9.5	1.0	0.9	.9	.9	.8	.8	.7	.7	.7	.6	.6	.5	.5
<b>10.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.9</b>	<b>0.9</b>	<b>0.8</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.5</b>	
10.5	.4	.0	1.0	1.0	0.9	.9	.8	.8	.7	.7	.6	.6	.5
11.0	.1	.1	.0	.0	1.0	0.9	.9	.8	.8	.7	.7	.6	.5
11.5	.2	.1	.4	.1	.0	1.0	.9	.8	.8	.7	.7	.6	.6
12.0	.2	.2	.4	.1	.0	.0	0.9	.9	.8	.8	.7	.6	.6
12.5	.3	.2	.2	.1	.1	.0	1.0	0.9	.9	.8	.7	.7	.6
13.0	.3	.3	.2	.2	.1	.1	.0	1.0	.9	.8	.8	.7	.6
13.5	.4	.4	.3	.2	.2	.1	.1	.0	0.9	.9	.8	.7	.7
14.0	.5	.4	.3	.3	.2	.2	.1	.0	1.0	.9	.8	.8	.7
14.5	.5	.5	.4	.3	.3	.2	.2	.1	.0	0.9	.9	.8	.7
<b>15.0</b>	<b>1.6</b>	<b>1.5</b>	<b>1.5</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>	<b>1.2</b>	<b>1.1</b>	<b>1.1</b>	<b>1.0</b>	<b>0.9</b>	<b>0.8</b>	<b>0.7</b>
15.5	.6	.6	.5	.4	.4	.3	.2	.1	.1	.0	0.9	.9	.8
16.0	.7	.6	.6	.5	.4	.3	.3	.2	.1	.0	1.0	.9	.8

**Example:**  $\sigma_0 = 9.21$ observed temperature =  $-1^{\circ}57$ adjustment =  $0^{\circ}8$ adjusted temperature =  $-0^{\circ}77$

$t^{\circ} = -0^{\circ}.86$  to  $0^{\circ}.40$

— 3 —

$t^{\circ}$	D
-0.86	0.06
-0.74	0.05
-0.61	0.04
-0.48	0.03
-0.35	0.02
-0.21	0.01
-0.07	0.00
0.08	-0.01
0.23	-0.02
0.40	-0.03

**Example:**

D = 0.00 for the temperature range  $-0^{\circ}.07$  to  $0^{\circ}.07$ , both included.

	-0°.8	-0°.7	-0°.6	-0°.5	-0°.4	-0°.3	-0°.2	-0°.1	0°.0	0°.1	0°.2	0°.3	0°.4
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
4.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1.5	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
2.0	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	-0.4
2.5	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	-0.4	.4
3.0	.2	.4	.4	.4	.4	.0	.0	.0	.0	.0	0.0	.4	.4
3.5	.2	.2	.4	.4	.4	.4	.4	.0	.0	.0	-0.4	.4	.4
4.0	.2	.2	.2	.4	.4	.4	.4	.0	.0	.0	.4	.4	.4
4.5	.2	.2	.2	.4	.4	.4	.4	.0	.0	.0	.4	.4	.4
<b>5.0</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.2</b>
5.5	.3	.2	.2	.2	.1	.4	.4	.0	.0	.0	.4	.4	.2
6.0	.3	.3	.2	.2	.2	.4	.4	.0	.0	.0	.4	.4	.2
6.5	.3	.3	.2	.2	.2	.4	.4	.0	.0	0.0	.4	.4	.2
7.0	.3	.3	.3	.2	.2	.2	.4	.4	.0	-0.4	.4	.2	.2
7.5	.4	.3	.3	.3	.2	.2	.4	.4	.0	.4	.4	.2	.2
8.0	.4	.4	.3	.3	.2	.2	.4	.4	.0	.4	.4	.2	.2
8.5	.4	.4	.3	.3	.2	.2	.4	.4	.0	.4	.4	.2	.2
9.0	.4	.4	.3	.3	.2	.2	.4	.4	.0	.4	.4	.2	.3
9.5	.5	.5	.4	.3	.3	.2	.4	.4	.0	.4	.4	.2	.3
<b>10.0</b>	<b>0.5</b>	<b>0.5</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.0</b>	<b>-0.1</b>	<b>-0.2</b>	<b>-0.2</b>	<b>-0.3</b>
10.5	.5	.5	.4	.3	.3	.2	.2	.4	.0	.4	.2	.2	.3
11.0	.5	.5	.4	.4	.3	.2	.2	.4	.0	.4	.2	.2	.3
11.5	.6	.5	.4	.4	.4	.3	.2	.4	.0	.4	.2	.2	.3
12.0	.6	.5	.4	.4	.3	.2	.2	.4	.0	.4	.2	.3	.3
12.5	.6	.5	.5	.4	.3	.3	.2	.4	.0	.4	.2	.3	.4
13.0	.6	.6	.5	.4	.3	.3	.2	.4	.0	.4	.2	.3	.4
13.5	.7	.6	.5	.4	.4	.3	.2	.4	.0	.4	.2	.3	.4
14.0	.7	.6	.5	.4	.4	.3	.2	.4	.0	.4	.2	.3	.4
14.5	.7	.6	.6	.5	.4	.3	.2	.4	.0	.4	.2	.3	.4
<b>15.0</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>	<b>0.5</b>	<b>0.4</b>	<b>0.3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.0</b>	<b>-0.1</b>	<b>-0.2</b>	<b>-0.3</b>	<b>-0.4</b>
15.5	.8	.7	.6	.5	.4	.3	.2	.4	.0	.4	.2	.3	.4
16.0	.8	.7	.6	.5	.4	.3	.2	.4	.0	.4	.2	.3	.4

**Example:**  $\sigma_0 = 12.00$ observed temperature =  $0^{\circ}22$ adjustment =  $-0^{\circ}2$ adjusted temperature =  $0^{\circ}02$

$t^{\circ}$	D
-0.48	0.03
-0.35	0.02
-0.21	0.01
-0.07	0.00
0.08	-0.01
0.23	-0.02
0.40	-0.03
0.57	-0.04
0.75	-0.05
0.94	-0.06
1.15	-0.07
1.37	-0.08
1.62	-0.09

**Example:**

$D = -0.03$  for the temperature range  $0^{\circ}.40$  to  $0^{\circ}.56$ , both included.

	0°.4	0°.5	0°.6	0°.7	0°.8	0°.9	1°.0	1°.1	1°.2	1°.3	1°.4	1°.5	1°.6
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
1.0	.0	0.0	0.0	0.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2
1.5	0.0	-.4	-.1	-.1	.1	.1	.1	.1	.2	.2	.2	.2	.2
2.0	-.1	.4	.1	.1	.1	.2	.2	.2	.2	.3	.3	.3	.3
2.5	.4	.4	.4	.4	.2	.2	.2	.3	.3	.3	.4	.4	.4
3.0	.4	.4	.4	.2	.2	.3	.3	.3	.4	.4	.5	.5	.6
3.5	.4	.4	.2	.2	.2	.3	.3	.4	.4	.4	.5	.5	.6
4.0	.4	.2	.2	.2	.3	.3	.3	.4	.4	.5	.5	.6	.7
4.5	.4	.2	.2	.3	.3	.3	.4	.5	.5	.6	.6	.7	.8
<b>5.0</b>	<b>-.2</b>	<b>-.2</b>	<b>-.2</b>	<b>-.3</b>	<b>-.3</b>	<b>-.4</b>	<b>-.4</b>	<b>-.5</b>	<b>-.6</b>	<b>-.6</b>	<b>-.7</b>	<b>-.7</b>	<b>-.8</b>
5.5	.2	.2	.3	.3	.4	.4	.5	.5	.6	.7	.7	.8	-.0.9
6.0	.2	.2	.3	.3	.4	.4	.5	.6	.6	.7	.8	.8	-.1.0
6.5	.2	.3	.3	.4	.4	.5	.5	.6	.7	.8	.8	-.0.9	.1
7.0	.2	.3	.3	.4	.5	.5	.6	.7	.7	.8	.9	-.1.0	.1
7.5	.2	.3	.3	.4	.5	.6	.6	.7	.8	.9	-.0.9	.0	.2
8.0	.2	.3	.4	.4	.5	.6	.7	.7	.8	-.0.9	-.1.0	.1	.2
8.5	.2	.3	.4	.5	.5	.6	.7	.8	.9	-.1.0	.0	.1	.2
9.0	.3	.3	.4	.5	.6	.6	.7	.8	.9	.0	.1	.2	.3
9.5	.3	.4	.4	.5	.6	.7	.8	.9	-.0.9	.0	.1	.3	.3
<b>10.0</b>	<b>-.3</b>	<b>-.4</b>	<b>-.4</b>	<b>-.5</b>	<b>-.6</b>	<b>-.7</b>	<b>-.8</b>	<b>-.9</b>	<b>-.1.0</b>	<b>-.1.1</b>	<b>-.1.2</b>	<b>-.1.3</b>	<b>-.1.4</b>
10.5	.3	.4	.5	.6	.6	.7	.8	-.0.9	.0	.1	.2	.4	.4
11.0	.3	.4	.5	.6	.7	.8	.9	-.1.0	.1	.2	.3	.4	.5
11.5	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.5	.6
12.0	.3	.4	.5	.6	.7	.8	-.0.9	.0	.1	.3	.4	.5	.6
12.5	.4	.5	.6	.6	.8	.9	-.1.0	.1	.2	.3	.4	.6	.7
13.0	.4	.5	.6	.7	.8	.9	.0	.1	.2	.4	.5	.6	.7
13.5	.4	.5	.6	.7	.8	-.0.9	.0	.1	.3	.4	.5	.6	.8
14.0	.4	.5	.6	.7	.8	-.1.0	.1	.1	.3	.4	.5	.7	.8
14.5	.4	.5	.6	.7	.9	.0	.1	.2	.3	.5	.6	.7	.8
<b>15.0</b>	<b>-.4</b>	<b>-.5</b>	<b>-.6</b>	<b>-.8</b>	<b>-.9</b>	<b>-.1.0</b>	<b>-.1.1</b>	<b>-.1.2</b>	<b>-.1.4</b>	<b>-.1.5</b>	<b>-.1.6</b>	<b>-.1.8</b>	<b>-.1.9</b>
15.5	.4	.6	.7	.8	.9	.0	.1	.3	.4	.5	.7	.8	-.1.9
16.0	.4	.6	.7	.8	.9	.0	.2	.3	.4	.6	.7	.8	-.2.0

**Example:**  $\sigma_0 = 7.33$ observed temperature =  $1^\circ.27$ adjustment =  $-0^\circ.8$ adjusted temperature =  $0^\circ.47$

t°	D
-0.98	0.07
-0.86	0.06
-0.74	0.05
-0.61	0.04
-0.48	0.03
-0.35	0.02
-0.21	0.01
-0.07	0.00
0.08	-0.01
0.23	-0.02
0.40	-0.03
0.57	-0.04
0.75	-0.05
0.94	-0.06
1.15	-0.07
1.37	-0.08
1.62	-0.09
1.89	-0.10
2.20	-0.11
2.60	-0.12
3.16	-0.13

**Example:**

D = 0.02 for the temperature range -0°.35 to -0°.22, both included.

	1°.6	1°.7	1°.8	1°.9	2°.0	2°.1	2°.2	2°.3	2°.4	2°.5	2°.6	2°.7	2°.8
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>						
1.0	-0.2	-0.2	-0.2	-0.2	-0.3	-0.3	-0.3	-0.4	-0.4	-0.4	-0.5	-0.5	-0.5
1.5	.2	.3	.3	.3	.4	.4	.5	.5	.5	.6	.6	.7	.7
2.0	.3	.4	.4	.4	.5	.5	.6	.6	.7	.7	.8	.9	.9
2.5	.4	.5	.5	.5	.6	.6	.7	.8	.8	.9	.9	1.0	1.0
3.0	.6	.5	.6	.6	.7	.8	.8	.9	.9	1.0	1.1	.2	.3
3.5	.6	.6	.7	.7	.8	-0.9	-0.9	-1.0	-1.0	.1	.2	.3	.4
4.0	.7	.7	.8	.8	-0.9	-1.0	-1.0	-1.0	-1.0	.2	.3	.4	.5
4.5	.8	.8	.8	-0.9	-4.0	.4	.4	.2	.3	.4	.5	.6	.7
<b>5.0</b>	<b>-0.8</b>	<b>-0.9</b>	<b>-0.9</b>	<b>-1.0</b>	<b>-1.1</b>	<b>-1.2</b>	<b>-1.2</b>	<b>-1.3</b>	<b>-1.4</b>	<b>-1.5</b>	<b>-1.6</b>	<b>-1.7</b>	<b>-1.8</b>
5.5	-0.9	-0.9	-1.0	1	.2	.3	.3	.4	.5	.6	.7	.8	-1.9
6.0	-1.0	-1.0	.1	.2	.3	.3	.4	.5	.6	.7	.8	-1.9	-2.1
6.5	.1	.0	.2	.2	.3	.4	.5	.6	.7	.8	-1.9	-2.1	.2
7.0	.4	.4	.2	.3	.4	.4	.6	.7	.8	-1.9	-2.0	.2	.3
7.5	.2	.2	.3	.4	.5	.5	.7	.8	-1.9	-2.0	.4	.3	.4
8.0	.2	.3	.4	.5	.6	.6	.8	-1.9	-2.0	.4	.2	.4	.5
8.5	.2	.3	.4	.5	.6	.7	.9	-2.0	.4	.2	.3	.5	.6
9.0	.3	.4	.5	.6	.7	.8	-1.9	.1	.2	.3	.4	.5	.7
9.5	.3	.4	.5	.7	.8	.9	-2.0	.4	.2	.4	.5	.6	.8
<b>10.0</b>	<b>-1.4</b>	<b>-1.5</b>	<b>-1.6</b>	<b>-1.7</b>	<b>-1.8</b>	<b>-1.95</b>	<b>-2.05</b>	<b>-2.20</b>	<b>-2.30</b>	<b>-2.45</b>	<b>-2.55</b>	<b>-2.70</b>	<b>-2.85</b>
10.5	.4	.5	.7	.7	-1.9	-2.00	.45	.25	.40	.50	.65	.80	-2.90
11.0	.5	.6	.7	.8	-2.0	.10	.20	.35	.45	.60	.75	.85	-3.00
11.5	.6	.7	.8	-1.9	.0	.15	.30	.40	.55	.70	.80	-2.95	.10
12.0	.6	.7	.8	-2.0	.1	.20	.35	.50	.60	.75	.90	-3.00	.15
12.5	.7	.8	-1.9	.0	.2	.25	.40	.55	.70	.80	-2.95	.10	.25
13.0	.7	.8	-2.0	.1	.2	.30	.50	.60	.75	.90	-3.05	.20	.30
13.5	.8	.9	.0	.1	.3	.40	.55	.70	.80	-2.95	.40	.25	.40
14.0	.8	-1.9	.1	.2	.3	.45	.60	.75	.90	-3.05	.45	.30	.45
14.5	.8	-2.0	.2	.2	.4	.50	.65	.80	-2.95	.40	.25	.40	.55
<b>15.0</b>	<b>-1.9</b>	<b>-2.0</b>	<b>-2.2</b>	<b>-2.3</b>	<b>-2.4</b>	<b>-2.60</b>	<b>-2.70</b>	<b>-2.85</b>	<b>-3.00</b>	<b>-3.15</b>	<b>-3.30</b>	<b>-3.45</b>	<b>-3.60</b>
15.5	-1.9	.0	.2	.3	.5	.65	.75	.90	.05	.20	.35	.50	.65
16.0	-2.0	.1	.2	.4	.5	.70	.80	.95	.10	.30	.45	.60	.75

**Example:**  $\sigma_0 = 13.62$

observed temperature = 2°.43

adjustment = -2°.45

adjusted temperature = -0°.32

$t^{\circ}$	D
-1.73	0.14
-1.63	0.13
-1.53	0.12
-1.42	0.11
-1.31	0.10
-1.20	0.09
-1.09	0.08
-0.98	0.07
-0.86	0.06
-0.74	0.05
-0.61	0.04
-0.48	0.03
-0.35	0.02
-0.21	0.01
-0.07	0.00
0.08	-0.01
0.23	-0.02
0.40	-0.03
0.57	-0.04
0.75	-0.05
0.94	-0.06
1.15	-0.07
1.37	-0.08
1.62	-0.09
1.89	-0.10
2.20	-0.11
2.60	-0.12
3.16	-0.13
4.90	-0.12

**Example:**

D = 0.10 for the temperature range  $-1^{\circ}.31$  to  $-1^{\circ}.21$ , both included.

	2°.8	2°.9	3°.0	3°.1	3°.2	3°.3	3°.4	3°.5	3°.6	3°.7	3°.8	3°.9	4°.0
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
1.0	-0.5	-0.6	-0.6	-0.7	-0.8	-0.9	-0.9	-1.0	-1.1	-1.2	-1.3	-1.4	-1.5
1.5	.7	-0.8	-0.9	-0.9	-1.0	-1.1	-1.2	.3	.4	.5	.6	-1.7	-1.8
2.0	-0.9	-1.0	-1.1	-1.2	.3	.3	.4	.5	.6	-1.7	-1.9	-2.0	-2.1
2.5	-1.0	.2	.3	.4	.4	.5	.6	.7	-1.8	-2.0	-2.1	.2	.3
3.0	.3	.3	.4	.5	.6	.7	-1.8	-1.9	-2.1	.2	.3	.4	.6
3.5	.4	.5	.6	.7	-1.8	-1.9	-2.0	-2.1	.2	.4	.5	.6	.7
4.0	.5	.6	.7	-1.9	-2.0	-2.1	-2.4	-2.5	-2.6	-2.7	-2.9	-3.0	-2.9
4.5	.7	.8	-1.8	-2.0	.1	.2	.3	.5	.6	.7	-2.9	-3.0	-3.0
<b>5.0</b>	<b>-1.8</b>	<b>-1.9</b>	<b>-2.0</b>	<b>-2.1</b>	<b>-2.3</b>	<b>-2.4</b>	<b>-2.5</b>	<b>-2.6</b>	<b>-2.7</b>	<b>-2.9</b>	<b>-3.0</b>	<b>-3.2</b>	<b>-3.3</b>
5.5	-1.9	-2.0	.2	.3	.4	.5	.6	.8	-2.9	-3.0	.2	.3	.4
6.0	-2.1	.2	.3	.4	.5	.6	.8	-2.9	-3.0	.2	.3	.5	.6
6.5	.2	.3	.4	.5	.6	.8	-2.9	-3.0	.2	.3	.5	.6	.7
7.0	.3	.4	.5	.6	.8	-2.9	-3.0	.2	.3	.4	.6	.7	-3.9
7.5	.4	.5	.6	.7	-2.9	-3.0	.1	.3	.4	.6	.7	-3.8	-4.0
8.0	.5	.6	.7	-2.9	-3.0	.1	.3	.4	.5	.7	.8	-4.0	.1
8.5	.6	.7	.8	-3.0	.1	.2	.4	.5	.7	.8	-3.9	.1	.2
9.0	.7	.8	-2.9	.1	.2	.3	.5	.6	.8	-3.9	-4.0	.2	.3
9.5	.8	-2.9	-3.0	.2	.3	.4	.6	.7	.9	-4.0	.2	.3	.5
<b>10.0</b>	<b>-2.85</b>	<b>-3.00</b>	<b>-3.10</b>	<b>-3.25</b>	<b>-3.35</b>	<b>-3.50</b>	<b>-3.65</b>	<b>-3.80</b>	<b>-3.95</b>	<b>-4.10</b>	<b>-4.25</b>	<b>-4.40</b>	<b>-4.55</b>
10.5	-2.90	.05	.20	.35	.45	.60	.75	-3.90	-4.05	.20	.35	.50	.65
11.0	-3.00	.45	.30	.40	.55	.70	.85	-4.00	.15	.30	.45	.60	.75
11.5	.10	.20	.35	.50	.65	.80	-3.95	.40	.25	.40	.55	.70	.85
12.0	.15	.30	.45	.60	.75	-3.90	-4.05	.20	.35	.45	.65	.80	-4.95
12.5	.25	.40	.55	.70	.85	-4.00	.15	.30	.45	.55	.75	-4.90	-5.05
13.0	.30	.45	.60	.75	-3.90	.05	.20	.35	.50	.65	.80	-5.00	.15
13.5	.40	.55	.70	.85	-4.00	.15	.30	.45	.60	.75	-4.90	.05	.25
14.0	.45	.60	.75	-3.90	.05	.25	.40	.55	.70	.85	-5.00	.15	.30
14.5	.55	.70	.80	-4.00	.15	.30	.45	.60	.75	-4.90	.10	.25	.40
<b>15.0</b>	<b>-3.60</b>	<b>-3.75</b>	<b>-3.90</b>	<b>-4.05</b>	<b>-4.20</b>	<b>-4.35</b>	<b>-4.55</b>	<b>-4.70</b>	<b>-4.85</b>	<b>-5.00</b>	<b>-5.15</b>	<b>-5.35</b>	<b>-5.50</b>
15.5	.65	.85	-4.00	.15	.30	.45	.60	.75	-4.90	.10	.25	.40	.60
16.0	.75	.90	.05	.20	.35	.50	.70	.85	-5.00	.15	.35	.50	.65

**Example:**  $\sigma_0 = 15.30$ 

observed temperature = 3°.49

adjustment  $\underline{\hspace{1cm}} = -4^{\circ}.75$ 

adjusted temperature = -1°.26

t°	D
3.16	-0.13
4.90	-0.12
5.33	-0.11
5.74	-0.10
6.06	-0.09
6.36	-0.08
6.62	-0.07
6.85	-0.06
7.06	-0.05
7.27	-0.04
7.46	-0.03
7.65	-0.02
7.82	-0.01
7.98	0.00
8.15	0.01
8.30	0.02
8.45	0.03
8.60	0.04
8.74	0.05
8.88	0.06
9.01	0.07
9.14	0.08
9.27	0.09
9.40	0.10
9.52	0.11
9.64	0.12
9.76	0.13
9.88	0.14
9.99	0.15
10.11	0.16
10.21	0.17
10.32	0.18
10.43	0.19
10.54	0.20
10.64	0.21
10.74	0.22
10.84	0.23
10.94	0.24
11.04	0.25
11.14	0.26
11.23	0.27
11.33	0.28
11.42	0.29
11.52	0.30
11.61	0.31
11.70	0.32
11.79	0.33
11.88	0.34
11.97	0.35
12.05	0.36
12.14	0.37
12.22	0.38
12.31	0.39

**Example:**

D = 0.13 for the temperature range 9°.76 to 9°.87, both included.

	4°.0	4°.5	5°.0	5°.5	6°.0	6°.5	7°.0	7°.5	8°.0	8°.5	9°.0	9°.5	10°.0
<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
.1	.5	.2	1.0	.8	.7	.7	.6	.6	.5	.50	.48	.46	.45
.2	.6	.2	.0	0.9	.8	.7	.7	.6	.59	.57	.52	.49	.47
.3	.6	.3	.4	1.0	.9	.8	.7	.7	.64	.61	.59	.53	.51
.4	.7	.4	.2	.0	0.9	.8	.8	.7	.68	.65	.63	.61	.59
.5	.8	.4	.2	.4	1.0	.9	.8	.8	.73	.69	.67	.65	.62
.6	.8	.5	.3	.4	.0	0.9	.9	.8	.78	.74	.71	.69	.66
.7	1.9	.6	.4	.2	.1	1.0	0.9	.9	.82	.78	.76	.73	.70
.8	2.0	.7	.4	.3	.1	.1	1.0	0.9	.87	.82	.80	.77	.74
.9	.0	.7	.5	.3	.2	.1	.0	1.0	.91	.87	.84	.81	.78
<b>2.0</b>	<b>2.1</b>	<b>1.8</b>	<b>1.5</b>	<b>1.4</b>	<b>1.2</b>	<b>1.2</b>	<b>1.1</b>	<b>1.0</b>	<b>0.96</b>	<b>0.91</b>	<b>0.88</b>	<b>0.85</b>	<b>0.82</b>
.1	.1	.8	.6	.4	.3	.2	.1	.1	1.00	.95	.92	.89	.86
.2	.2	.9	.6	.5	.3	.2	.2	.1	.04	0.99	0.96	.93	.90
.3	.2	1.9	.7	.5	.4	.3	.2	.1	.08	1.03	1.00	0.97	.94
.4	.3	2.0	.7	.6	.4	.3	.2	.2	.12	.07	.04	1.01	0.98
.5	.3	.0	.8	.6	.5	.4	.3	.2	.17	.11	.08	.05	1.01
.6	.4	.4	.8	.7	.5	.4	.3	.3	.21	.16	.12	.08	.05
.7	.4	.4	.9	.7	.6	.5	.4	.3	.25	.20	.16	.13	.09
.8	.4	.2	1.9	.7	.6	.5	.4	.4	.29	.24	.20	.17	.13
.9	.5	.2	2.0	.8	.7	.6	.5	.4	.33	.28	.24	.20	.17
<b>3.0</b>	<b>2.5</b>	<b>2.3</b>	<b>2.0</b>	<b>1.8</b>	<b>1.7</b>	<b>1.6</b>	<b>1.5</b>	<b>1.4</b>	<b>1.37</b>	<b>1.32</b>	<b>1.28</b>	<b>1.25</b>	<b>1.21</b>
.1	.6	.3	.1	.9	.7	.6	.5	.5	.41	.36	.32	.29	.25
.2	.6	.4	.1	1.9	.8	.7	.6	.5	.45	.40	.35	.32	.28
.3	.7	.4	.2	2.0	.8	.7	.6	.6	.49	.43	.39	.36	.32
.4	.7	.4	.2	.0	.9	.8	.7	.6	.53	.47	.42	.39	.35
.5	.8	.5	.2	.4	1.9	.8	.7	.6	.56	.51	.46	.43	.39
.6	.8	.5	.3	.4	2.0	.8	.8	.7	.60	.55	.50	.46	.42
.7	.8	.6	.3	.4	.0	.9	.8	.7	.64	.59	.53	.50	.46
.8	.9	.6	.4	.2	.0	1.9	.8	.7	.68	.62	.57	.53	.49
.9	.9	.6	.4	.2	.1	2.0	.9	.8	.72	.66	.60	.57	.53
<b>4.0</b>	<b>2.95</b>	<b>2.65</b>	<b>2.45</b>	<b>2.25</b>	<b>2.10</b>	<b>2.00</b>	<b>1.90</b>	<b>1.80</b>	<b>1.76</b>	<b>1.70</b>	<b>1.64</b>	<b>1.60</b>	<b>1.56</b>
.1	3.00	.70	.50	.30	.15	.05	1.95	.85	.80	.74	.68	.64	.59
.2	.05	.70	.50	.35	.20	.05	2.00	.90	.83	.77	.71	.67	.63
.3	.05	.75	.55	.40	.25	.10	.00	.95	.87	.81	.75	.71	.66
.4	.10	.80	.60	.40	.25	.10	.05	1.95	.90	.84	.78	.74	.70
.5	.15	.80	.65	.45	.30	.15	.10	2.00	.94	.88	.82	.78	.73
.6	.15	.85	.65	.50	.35	.20	.15	.05	1.97	.92	.86	.81	.76
.7	.20	.85	.70	.55	.40	.20	.15	.10	2.01	.95	.89	.85	.80
.8	.25	.90	.75	.55	.40	.25	.20	.10	.04	1.99	.93	.88	.83
.9	.30	.90	.80	.60	.45	.30	.25	.15	.08	2.02	1.96	.92	.87
<b>5.0</b>	<b>3.31</b>	<b>2.94</b>	<b>2.82</b>	<b>2.65</b>	<b>2.50</b>	<b>2.31</b>	<b>2.27</b>	<b>2.19</b>	<b>2.11</b>	<b>2.06</b>	<b>2.00</b>	<b>1.95</b>	<b>1.90</b>
.1	.34	2.98	.85	.68	.53	.35	.30	.22	.14	.09	.03	1.98	.93
.2	.37	3.03	.89	.72	.57	.39	.34	.25	.18	.13	.07	2.02	1.97
.3	.41	.07	.92	.75	.60	.43	.37	.29	.15	.16	.10	.05	2.00
.4	.44	.41	.96	.79	.64	.47	.41	.32	.25	.19	.14	.08	.03
.5	.47	.45	2.99	.82	.67	.51	.44	.36	.28	.22	.17	.11	.06
.6	.50	.20	3.02	.86	.71	.56	.48	.39	.32	.26	.20	.15	.10
.7	.53	.24	.06	.89	.74	.60	.51	.42	.35	.29	.24	.18	.13
.8	.57	.28	.09	.93	.78	.64	.55	.46	.39	.32	.27	.21	.16
.9	.60	.33	.13	2.96	.81	.68	.58	.49	.42	.36	.31	.25	.20
<b>6.0</b>	<b>3.63</b>	<b>3.37</b>	<b>3.16</b>	<b>3.00</b>	<b>2.85</b>	<b>2.72</b>	<b>2.62</b>	<b>2.53</b>	<b>2.46</b>	<b>2.39</b>	<b>2.34</b>	<b>2.28</b>	<b>2.23</b>

**Example:**  $\sigma_0 = 5.33$ observed temperature =  $7^{\circ}52$ adjustment \_\_\_\_\_ =  $2^{\circ}27$ adjusted temperature =  $9^{\circ}79$

t°	D	t°	D	t°	D
9.99	0.45	15.44	0.82	19.21	1.49
10.41	0.46	15.50	0.83	19.26	1.50
10.21	0.47	15.56	0.84	19.31	1.51
10.32	0.48	15.63	0.85	19.36	1.52
10.43	0.49	15.69	0.86	19.41	1.53
10.54	0.20	15.75	0.87	19.46	1.54
10.64	0.21	15.82	0.88	19.51	1.55
10.74	0.22	15.88	0.89	19.56	1.56
10.84	0.23	15.94	0.90	19.61	1.57
10.94	0.24	16.00	0.91	19.65	1.58
11.04	0.25	16.06	0.92	19.70	1.59
11.14	0.26	16.12	0.93	19.75	1.60
11.23	0.27	16.18	0.94	19.80	1.61
11.33	0.28	16.24	0.95	19.85	1.62
11.42	0.29	16.30	0.96	19.90	1.63
11.52	0.30	16.36	0.97	19.95	1.64
11.61	0.31	16.42	0.98	20.00	1.65
11.70	0.32	16.48	0.99	20.04	1.66
11.79	0.33	16.54	1.00	20.09	1.67
11.88	0.34	16.60	1.01	20.14	1.68
11.97	0.35	16.66	1.02	20.19	1.69
12.05	0.36	16.72	1.03	20.24	1.70
12.14	0.37	16.78	1.04	20.28	1.71
12.22	0.38	16.83	1.05	20.33	1.72
12.31	0.39	16.89	1.06	20.38	1.73
12.39	0.40	16.95	1.07	20.43	1.74
12.48	0.41	17.01	1.08	20.47	1.75
12.56	0.42	17.06	1.09	20.52	1.76
12.64	0.43	17.12	1.10	20.57	1.77
12.72	0.44	17.18	1.11	20.61	1.78
12.80	0.45	17.23	1.12	20.66	1.79
12.88	0.46	17.29	1.13	20.71	1.80
12.96	0.47	17.35	1.14	20.76	1.81
13.04	0.48	17.40	1.15	20.80	1.82
13.12	0.49	17.46	1.16	20.85	1.83
13.20	0.50	17.51	1.17	20.89	1.84
13.27	0.51	17.57	1.18	20.94	1.85
13.35	0.52	17.62	1.19	20.99	1.86
13.43	0.53	17.68	1.20	21.03	1.87
13.50	0.54	17.73	1.21	21.08	1.88
13.58	0.55	17.79	1.22	21.13	1.89
13.65	0.56	17.84	1.23	21.17	1.90
13.72	0.57	17.90	1.24	21.22	1.91
13.80	0.58	17.95	1.25	21.26	1.92
13.87	0.59	18.01	1.26	21.31	1.93
13.94	0.60	18.06	1.27	21.36	1.94
14.01	0.61	18.11	1.28	21.40	1.95
14.09	0.62	18.17	1.29	21.45	1.96
14.16	0.63	18.22	1.30	21.49	1.97
14.23	0.64	18.27	1.31	21.54	1.98
14.30	0.65	18.33	1.32	21.58	1.99
14.37	0.66	18.38	1.33	21.63	2.00
14.44	0.67	18.43	1.34	21.67	2.01
14.51	0.68	18.49	1.35	21.71	2.02
14.58	0.69	18.54	1.36	21.76	2.03
14.64	0.70	18.59	1.37	21.80	2.04
14.71	0.71	18.64	1.38		
14.78	0.72	18.70	1.39		
14.85	0.73	18.75	1.40		
14.91	0.74	18.80	1.41		
14.98	0.75	18.85	1.42		
15.05	0.76	18.90	1.43		
15.11	0.77	18.95	1.44		
15.18	0.78	19.01	1.45		
15.24	0.79	19.06	1.46		
15.31	0.80	19.11	1.47		
15.37	0.81	19.16	1.48		
15.44	0.82	19.21	1.49		

**Example:**

D = 1.07 for the temperature range 16°.95 to 17°.00, both included.

	10°.0	10°.5	11°.0	11°.5	12°.0	13°.0	14°.0	15°.0	16°.0	17°.0	18°.0	19°.0	20°.0
<b>0.0</b>	<b>0.00</b>												
.1	.43	.42	.40	.40	.39	.37	.36	.35	.34	.33	.32	.32	.31
.2	.47	.45	.44	.44	.43	.40	.40	.38	.37	.36	.35	.35	.34
.3	.51	.49	.48	.47	.46	.44	.43	.42	.41	.40	.38	.38	.37
.4	.55	.54	.52	.51	.50	.47	.47	.45	.44	.43	.42	.42	.40
.5	.59	.58	.56	.55	.53	.51	.50	.48	.47	.46	.45	.45	.43
.6	.62	.61	.59	.58	.57	.54	.54	.52	.51	.50	.48	.48	.47
.7	.66	.65	.63	.62	.61	.58	.57	.55	.54	.53	.51	.51	.50
.8	.70	.69	.67	.66	.64	.61	.61	.58	.57	.56	.54	.54	.53
.9	.74	.73	.71	.70	.68	.65	.64	.61	.60	.59	.58	.58	.56
<b>2.0</b>	<b>0.82</b>	<b>0.81</b>	<b>0.79</b>	<b>0.77</b>	<b>0.75</b>	<b>0.72</b>	<b>0.71</b>	<b>0.68</b>	<b>0.67</b>	<b>0.66</b>	<b>0.64</b>	<b>0.64</b>	<b>0.62</b>
.1	.86	.84	.82	.81	.79	.75	.74	.71	.70	.69	.67	.67	.65
.2	.90	.88	.86	.84	.82	.79	.78	.75	.73	.72	.70	.70	.68
.3	.94	.91	.89	.88	.86	.82	.81	.78	.77	.75	.73	.73	.71
.4	0.98	.95	.93	.91	.89	.86	.84	.81	.80	.78	.76	.76	.74
.5	1.01	.99	.96	.95	.93	.89	.88	.85	.83	.81	.80	.78	.77
.6	.05	1.03	1.00	0.98	0.96	.93	.91	.88	.86	.85	.83	.81	.80
.7	.09	.06	.03	1.02	1.00	.96	.94	.91	.89	.88	.86	.84	.83
.8	.13	.10	.07	.05	.03	1.00	.97	.94	.93	.91	.89	.87	.86
.9	.17	.14	.10	.08	.07	.03	1.01	.98	.96	.94	.92	.90	.89
<b>3.0</b>	<b>1.21</b>	<b>1.18</b>	<b>1.14</b>	<b>1.12</b>	<b>1.10</b>	<b>1.07</b>	<b>1.04</b>	<b>1.01</b>	<b>0.99</b>	<b>0.97</b>	<b>0.95</b>	<b>0.93</b>	<b>0.92</b>
.1	.25	.22	.18	.16	.14	.10	.07	.04	1.02	1.00	.98	.96	.95
.2	.28	.25	.21	.19	.17	.14	.10	.07	.05	.03	1.01	.99	.98
.3	.32	.29	.25	.23	.21	.17	.14	.11	.08	.06	.04	1.02	1.01
.4	.35	.32	.28	.26	.24	.20	.17	.14	.11	.09	.07	.05	.04
.5	.39	.36	.32	.30	.28	.23	.21	.17	.14	.12	.09	.08	.07
.6	.42	.39	.36	.34	.31	.27	.24	.20	.18	.15	.12	.11	.09
.7	.46	.43	.39	.37	.35	.30	.27	.24	.21	.18	.15	.14	.12
.8	.49	.46	.43	.41	.38	.33	.30	.27	.24	.21	.18	.17	.15
.9	.53	.50	.46	.44	.42	.37	.34	.30	.27	.24	.21	.20	.18
<b>4.0</b>	<b>1.56</b>	<b>1.53</b>	<b>1.50</b>	<b>1.48</b>	<b>1.45</b>	<b>1.40</b>	<b>1.37</b>	<b>1.33</b>	<b>1.30</b>	<b>1.27</b>	<b>1.24</b>	<b>1.23</b>	<b>1.21</b>
.1	.59	.56	.53	.51	.48	.43	.40	.36	.33	.30	.27	.26	.24
.2	.63	.60	.57	.55	.52	.47	.43	.39	.36	.33	.30	.29	.27
.3	.66	.63	.60	.58	.55	.50	.46	.42	.39	.36	.33	.32	.30
.4	.70	.67	.63	.61	.58	.53	.49	.45	.42	.39	.36	.35	.33
.5	.73	.70	.66	.64	.62	.56	.52	.49	.45	.42	.39	.37	.35
.6	.76	.73	.70	.68	.65	.60	.56	.52	.48	.45	.42	.40	.38
.7	.80	.77	.73	.71	.68	.63	.59	.55	.51	.48	.45	.43	.41
.8	.83	.80	.76	.74	.71	.66	.62	.58	.54	.51	.48	.46	.44
.9	.87	.84	.80	.78	.75	.70	.65	.61	.57	.54	.51	.49	.47
<b>5.0</b>	<b>1.90</b>	<b>1.87</b>	<b>1.83</b>	<b>1.81</b>	<b>1.78</b>	<b>1.73</b>	<b>1.68</b>	<b>1.64</b>	<b>1.60</b>	<b>1.57</b>	<b>1.54</b>	<b>1.52</b>	<b>1.50</b>
.1	.93	.90	.86	.84	.81	.76	.71	.67	.63	.60	.57	.55	.53
.2	1.97	.94	.90	.87	.84	.79	.74	.70	.66	.63	.60	.58	.56
.3	2.00	1.97	.93	.90	.87	.82	.77	.73	.69	.66	.63	.61	.59
.4	.03	2.00	.96	.93	.90	.85	.80	.76	.72	.69	.66	.64	.62
.5	.06	.03	1.99	1.96	.93	.88	.83	.79	.75	.72	.69	.66	.64
.6	.10	.07	2.03	2.00	1.97	.91	.87	.82	.78	.75	.72	.69	.67
.7	.13	.10	.06	.03	2.00	.94	.90	.85	.81	.78	.75	.72	.70
.8	.16	.13	.09	.06	.03	1.97	.93	.88	.84	.81	.78	.75	.73
.9	.20	.17	.13	.10	.06	2.00	.96	.91	.87	.84	.81	.78	.76
<b>6.0</b>	<b>2.23</b>	<b>2.20</b>	<b>2.16</b>	<b>2.13</b>	<b>2.09</b>	<b>2.03</b>	<b>1.99</b>	<b>1.94</b>	<b>1.90</b>	<b>1.87</b>	<b>1.84</b>	<b>1.81</b>	<b>1.79</b>

**Example:**  $\sigma_0 = 4.82$ 

observed temperature = 15°.40

adjustment = 1°.57

adjusted temperature = 16°.97

t°	D	t°	D												
20.00	1.65	23.01	2.32	25.69	2.99	28.13	3.66	30.39	4.33	32.52	5.00	34.50	5.66		
20.04	1.66	23.05	2.33	25.72	3.00	28.16	3.67	30.43	4.34	32.55	5.01	34.53	5.67		
20.09	1.67	23.09	2.34	25.76	3.01	28.20	3.68	30.46	4.35	32.58	5.02	34.56	5.68		
20.14	1.68	23.14	2.35	25.80	3.02	28.23	3.69	30.49	4.36	32.61	5.03	34.59	5.69		
20.19	1.69	23.18	2.36	25.84	3.03	28.27	3.70	30.52	4.37	32.65	5.04				
20.24	1.70	23.22	2.37	25.88	3.04	28.30	3.71	30.56	4.38	32.68	5.05				
20.28	1.71	23.26	2.38	25.91	3.05	28.34	3.72	30.59	4.39	32.71	5.06				
20.33	1.72	23.30	2.39	25.95	3.06	28.37	3.73	30.62	4.40	32.74	5.07				
20.38	1.73	23.34	2.40	25.99	3.07	28.41	3.74	30.65	4.41	32.77	5.08				
20.43	1.74	23.39	2.41	26.03	3.08	28.44	3.75	30.69	4.42	32.80	5.09				
20.47	1.75	23.43	2.42	26.06	3.09	28.47	3.76	30.72	4.43	32.83	5.10				
20.52	1.76	23.47	2.43	26.10	3.10	28.51	3.77	30.75	4.44	32.86	5.11				
20.57	1.77	23.51	2.44	26.14	3.11	28.54	3.78	30.78	4.45	32.89	5.12				
20.61	1.78	23.55	2.45	26.18	3.12	28.58	3.79	30.82	4.46	32.92	5.13				
20.66	1.79	23.59	2.46	26.21	3.13	28.61	3.80	30.85	4.47	32.95	5.14				
20.71	1.80	23.63	2.47	26.25	3.14	28.65	3.81	30.88	4.48	32.98	5.15				
20.76	1.81	23.67	2.48	26.29	3.15	28.68	3.82	30.91	4.49	xxx	xxx				
20.80	1.82	23.72	2.49	26.33	3.16	28.72	3.83	30.95	4.50	33.01	5.16				
20.85	1.83	23.76	2.50	26.36	3.17	28.75	3.84	30.98	4.51	33.04	5.17				
20.89	1.84	23.80	2.51	26.40	3.18	28.79	3.85	31.01	4.52	33.07	5.18				
20.94	1.85	23.84	2.52	26.44	3.19	28.82	3.86	31.04	4.53	33.10	5.19				
20.99	1.86	23.88	2.53	26.47	3.20	28.85	3.87	31.07	4.54	33.13	5.20				
21.03	1.87	23.92	2.54	26.51	3.21	28.88	3.88	31.11	4.55	33.16	5.21				
21.08	1.88	23.96	2.55	26.55	3.22	28.92	3.89	31.14	4.56	33.19	5.22				
21.13	1.89	24.00	2.56	26.58	3.23	28.96	3.90	31.17	4.57	33.23	5.23				
21.17	1.90	24.04	2.57	26.62	3.24	28.99	3.91	31.20	4.58	33.26	5.24				
21.22	1.91	24.08	2.58	26.66	3.25	29.02	3.92	31.23	4.59	33.29	5.25				
21.26	1.92	24.12	2.59	26.69	3.26	29.06	3.93	31.27	4.60	33.32	5.26				
21.31	1.93	24.16	2.60	26.73	3.27	29.09	3.94	31.30	4.61	33.35	5.27				
21.36	1.94	24.20	2.61	26.77	3.28	29.13	3.95	31.33	4.62	33.38	5.28				
21.40	1.95	24.24	2.62	26.80	3.29	29.16	3.96	31.36	4.63	33.41	5.29				
21.45	1.96	24.28	2.63	26.84	3.30	29.19	3.97	31.39	4.64	33.44	5.30				
21.49	1.97	24.32	2.64	26.88	3.31	29.23	3.98	31.43	4.65	33.47	5.31				
21.54	1.98	24.36	2.65	26.91	3.32	29.26	3.99	31.46	4.66	33.50	5.32				
21.58	1.99	24.40	2.66	26.95	3.33	29.30	4.00	31.49	4.67	33.53	5.33				
21.63	2.00	24.44	2.67	26.99	3.34	29.33	4.01	31.52	4.68	33.56	5.34				
21.67	2.01	24.48	2.68	27.02	3.35	29.36	4.02	31.55	4.69	33.59	5.35				
21.71	2.02	24.52	2.69	27.06	3.36	29.40	4.03	31.59	4.70	33.62	5.36				
21.76	2.03	24.56	2.70	27.09	3.37	29.43	4.04	31.62	4.71	33.65	5.37				
21.80	2.04	24.60	2.71	27.13	3.38	29.46	4.05	31.65	4.72	33.68	5.38				
21.85	2.05	24.64	2.72	27.17	3.39	29.50	4.06	31.68	4.73	33.71	5.39				
21.89	2.06	24.68	2.73	27.20	3.40	29.53	4.07	31.71	4.74	33.74	5.40				
21.94	2.07	24.72	2.74	27.24	3.41	29.56	4.08	31.74	4.75	33.77	5.41				
21.98	2.08	24.76	2.75	27.28	3.42	29.60	4.09	31.77	4.76	33.80	5.42				
22.02	2.09	24.80	2.76	27.31	3.43	29.63	4.10	31.81	4.77	33.83	5.43				
22.07	2.10	24.84	2.77	27.35	3.44	29.66	4.11	31.84	4.78	33.86	5.44				
22.11	2.11	24.88	2.78	27.38	3.45	29.70	4.12	31.87	4.79	33.88	5.45				
22.15	2.12	24.91	2.79	27.42	3.46	29.73	4.13	31.90	4.80	33.91	5.46				
22.20	2.13	24.95	2.80	27.45	3.47	29.76	4.14	31.93	4.81	33.94	5.47				
22.24	2.14	24.99	2.81	27.49	3.48	29.80	4.15	31.96	4.82	33.97	5.48				
22.28	2.15	25.03	2.82	27.53	3.49	29.83	4.16	31.99	4.83	34.00	5.49				
22.33	2.16	25.07	2.83	27.56	3.50	29.86	4.17	32.03	4.84	34.03	5.50				
22.37	2.17	25.11	2.84	27.60	3.51	29.90	4.18	32.06	4.85	34.06	5.51				
22.41	2.18	25.15	2.85	27.63	3.52	29.93	4.19	32.09	4.86	34.09	5.52				
22.46	2.19	25.19	2.86	27.67	3.53	29.96	4.20	32.12	4.87	34.12	5.53				
22.50	2.20	25.23	2.87	27.70	3.54	30.00	4.21	32.15	4.88	34.15	5.54				
22.54	2.21	25.26	2.88	27.74	3.55	30.03	4.22	32.18	4.89	34.18	5.55				
22.59	2.22	25.30	2.89	27.77	3.56	30.06	4.23	32.21	4.90	34.21	5.56				
22.63	2.23	25.34	2.90	27.84	3.57	30.10	4.24	32.24	4.91	34.24	5.57				
22.67	2.24	25.38	2.91	27.85	3.58	30.13	4.25	32.27	4.92	34.27	5.58				
22.71	2.25	25.42	2.92	27.88	3.59	30.16	4.26	32.31	4.93	34.30	5.59				
22.76	2.26	25.46	2.93	27.92	3.60	30.20	4.27	32.34	4.94	34.33	5.60				
22.80	2.27	25.50	2.94	27.95	3.61	30.23	4.28	32.37	4.95	34.36	5.61				
22.84	2.28	25.53	2.95	27.99	3.62	30.26	4.29	32.40	4.96	34.39	5.62				
22.88	2.29	25.57	2.96	28.02	3.63	30.29	4.30	32.43	4.97	34.42	5.63				
22.92	2.30	25.61	2.97	28.06	3.64	30.33	4.31	32.46	4.98	34.44	5.64				
22.97	2.31	25.65	2.98	28.09	3.65	30.36	4.32	32.49	4.99	34.47	5.65				
23.01	2.32	25.69	2.99	28.13	3.66	30.39	4.33	32.52	5.00	34.50	5.66				

This Table is not to be used to calculate D for temperatures higher than 33°.00 C.

### Example:

D = 3.16 for the temperature range 26°.33 to 26°.35, both included.

	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°	33°
<b>0.0</b>	<b>0.00</b>													
.1	.31	.31	.30	.30	.29	.29	.29	.28	.28	.28	.28	.27	.27	.27
.2	.34	.34	.33	.33	.32	.32	.32	.31	.31	.31	.30	.30	.30	.30
.3	.37	.37	.36	.36	.35	.35	.35	.34	.34	.33	.33	.33	.32	.32
.4	.40	.40	.39	.39	.38	.38	.37	.37	.37	.36	.36	.36	.35	.35
.5	.43	.43	.42	.42	.41	.41	.40	.40	.40	.39	.39	.38	.38	.38
.6	.47	.46	.45	.45	.44	.43	.43	.42	.42	.41	.41	.40	.40	.40
.7	.50	.49	.48	.47	.46	.46	.45	.45	.44	.44	.44	.43	.43	.43
<b>2.0</b>	<b>0.62</b>	<b>0.61</b>	<b>0.60</b>	<b>0.59</b>	<b>0.58</b>	<b>0.58</b>	<b>0.57</b>	<b>0.57</b>	<b>0.56</b>	<b>0.55</b>	<b>0.55</b>	<b>0.55</b>	<b>0.54</b>	<b>0.54</b>
.1	.65	.64	.63	.62	.61	.61	.60	.59	.59	.58	.58	.58	.57	.57
.2	.68	.67	.66	.65	.64	.63	.63	.62	.62	.61	.61	.60	.59	.59
.3	.71	.70	.69	.68	.67	.66	.66	.65	.64	.63	.63	.62	.62	.62
.4	.74	.73	.72	.71	.70	.69	.69	.68	.67	.66	.66	.65	.65	.64
.5	.77	.75	.74	.74	.72	.72	.71	.70	.70	.69	.69	.68	.68	.67
.6	.80	.78	.77	.76	.75	.75	.74	.73	.72	.72	.71	.71	.70	.70
.7	.83	.81	.80	.79	.78	.77	.77	.76	.75	.75	.74	.74	.73	.72
.8	.86	.84	.83	.82	.81	.80	.80	.79	.78	.77	.77	.76	.76	.75
.9	.89	.87	.86	.85	.84	.83	.82	.81	.80	.80	.79	.78	.78	.78
<b>3.0</b>	<b>0.92</b>	<b>0.90</b>	<b>0.89</b>	<b>0.88</b>	<b>0.87</b>	<b>0.86</b>	<b>0.85</b>	<b>0.84</b>	<b>0.83</b>	<b>0.83</b>	<b>0.82</b>	<b>0.82</b>	<b>0.81</b>	<b>0.80</b>
.1	.95	.93	.92	.91	.90	.89	.88	.87	.86	.86	.85	.84	.84	.83
.2	.98	.96	.95	.94	.93	.92	.91	.90	.89	.89	.88	.87	.86	.85
.3	1.01	0.99	0.98	0.96	0.95	0.95	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88
.4	.04	1.02	1.01	0.99	0.98	0.97	.96	.95	.94	.94	.93	.92	.91	.91
.5	.07	.04	.04	1.02	1.01	1.00	0.99	0.98	0.97	.97	.96	.95	.94	.93
.6	.09	.07	.06	.05	.04	.03	1.01	1.00	0.99	0.98	0.98	0.98	.97	.96
.7	.12	.10	.09	.08	.07	.06	.04	.03	.02	1.02	1.01	1.00	0.99	0.99
.8	.15	.13	.12	.10	.09	.08	.07	.06	.05	.05	.04	.03	1.02	1.02
.9	.18	.16	.15	.13	.12	.11	.10	.09	.08	.08	.07	.06	.04	.04
<b>4.0</b>	<b>1.21</b>	<b>1.19</b>	<b>1.18</b>	<b>1.16</b>	<b>1.15</b>	<b>1.14</b>	<b>1.12</b>	<b>1.11</b>	<b>1.11</b>	<b>1.10</b>	<b>1.08</b>	<b>1.08</b>	<b>1.07</b>	<b>1.07</b>
.1	.24	.22	.21	.19	.18	.17	.15	.14	.14	.13	.11	.10	.10	.09
.2	.27	.25	.24	.22	.21	.19	.18	.16	.16	.15	.13	.13	.12	.12
.3	.30	.28	.26	.24	.23	.22	.21	.19	.19	.18	.16	.16	.15	.14
.4	.33	.31	.29	.27	.26	.25	.23	.22	.21	.20	.19	.18	.17	.17
.5	.35	.33	.32	.30	.29	.27	.26	.24	.24	.23	.21	.21	.20	.19
.6	.38	.36	.35	.33	.32	.30	.29	.27	.27	.26	.24	.24	.23	.22
.7	.41	.39	.37	.35	.34	.33	.31	.30	.29	.28	.27	.26	.25	.24
.8	.44	.42	.40	.38	.37	.36	.34	.33	.32	.31	.30	.29	.28	.27
.9	.47	.45	.43	.41	.40	.38	.37	.35	.34	.33	.32	.31	.30	.29
<b>5.0</b>	<b>1.50</b>	<b>1.48</b>	<b>1.46</b>	<b>1.44</b>	<b>1.43</b>	<b>1.41</b>	<b>1.40</b>	<b>1.38</b>	<b>1.37</b>	<b>1.36</b>	<b>1.35</b>	<b>1.34</b>	<b>1.33</b>	<b>1.32</b>
.1	.53	.51	.49	.47	.46	.44	.43	.41	.40	.39	.38	.37	.36	.35
.2	.56	.54	.52	.49	.48	.46	.45	.43	.42	.41	.40	.39	.38	.37
.3	.59	.56	.54	.52	.51	.49	.48	.46	.45	.44	.43	.42	.41	.40
.4	.62	.59	.57	.55	.54	.52	.50	.49	.47	.46	.45	.44	.43	.42
.5	.64	.62	.60	.57	.56	.54	.53	.51	.50	.49	.48	.47	.46	.45
.6	.67	.65	.63	.60	.59	.57	.56	.54	.53	.52	.51	.50	.49	.48
.7	.70	.68	.66	.63	.62	.60	.58	.57	.55	.54	.53	.52	.51	.50
.8	.73	.70	.68	.66	.65	.63	.61	.60	.58	.57	.56	.55	.54	.53
.9	.76	.73	.71	.68	.67	.65	.63	.62	.60	.59	.58	.57	.56	.55
<b>6.0</b>	<b>1.79</b>	<b>1.76</b>	<b>1.74</b>	<b>1.71</b>	<b>1.70</b>	<b>1.68</b>	<b>1.66</b>	<b>1.65</b>	<b>1.63</b>	<b>1.62</b>	<b>1.61</b>	<b>1.60</b>	<b>1.59</b>	<b>1.58</b>

**Example:**  $\sigma_0 = 4.42$ observed temperature =  $25^\circ.10$ adjustment =  $1^\circ.25$ adjusted temperature =  $26^\circ.35$

t°	D
7.46	-0.03
7.65	-0.02
7.82	-0.01
7.98	-0.00
8.15	0.01
8.30	0.02
8.45	0.03
8.60	0.04
8.74	0.05
8.88	0.06
9.01	0.07
9.14	0.08
9.27	0.09
9.40	0.10
9.52	0.11
9.64	0.12
9.76	0.13
9.88	0.14
9.99	0.15
10.11	0.16
10.21	0.17
10.32	0.18
10.43	0.19
10.54	0.20
10.64	0.21
10.74	0.22
10.84	0.23
10.94	0.24
11.04	0.25
11.14	0.26
11.23	0.27
11.33	0.28
11.42	0.29
11.52	0.30
11.61	0.31
11.70	0.32
11.79	0.33
11.88	0.34
11.97	0.35
12.05	0.36
12.14	0.37
12.22	0.38
12.31	0.39
12.39	0.40
12.48	0.41
12.56	0.42
12.64	0.43
12.72	0.44
12.80	0.45
12.88	0.46
12.96	0.47
13.04	0.48
13.12	0.49
13.20	0.50
13.27	0.51
13.35	0.52
13.43	0.53
13.50	0.54
13.58	0.55
13.65	0.56
13.72	0.57

**Example:**

D = 0.19 for the temperature range 10°.43 to 10°.53, both included.

	4°	4°.5	5°	5°.5	6°	6°.5	7°	7°.5	8°	8°.5	9°	9°.5	10°
<b>6.0</b>	<b>3.63</b>	<b>3.37</b>	<b>3.16</b>	<b>3.00</b>	<b>2.85</b>	<b>2.72</b>	<b>2.62</b>	<b>2.53</b>	<b>2.46</b>	<b>2.39</b>	<b>2.34</b>	<b>2.28</b>	<b>2.23</b>
.1	.66	.40	.19	.03	.88	.75	.65	.56	.49	.42	.37	.31	.26
.2	.69	.43	.22	.06	.91	.79	.68	.59	.52	.45	.40	.34	.29
.3	.72	.46	.25	.09	.95	.82	.72	.63	.56	.49	.43	.38	.33
.4	.75	.49	.28	.12	2.98	.85	.75	.66	.59	.52	.46	.41	.36
.5	.77	.52	.31	.15	3.01	.88	.78	.69	.62	.55	.49	.44	.39
.6	.80	.56	.35	.19	.04	.92	.81	.72	.65	.58	.53	.47	.42
.7	.83	.59	.38	.22	.07	.95	.84	.75	.68	.61	.56	.50	.45
.8	.86	.62	.41	.25	.11	2.98	.88	.79	.72	.65	.59	.54	.49
.9	.89	.65	.44	.28	.14	3.02	.91	.82	.75	.68	.62	.57	.52
<b>7.0</b>	<b>3.92</b>	<b>3.68</b>	<b>3.47</b>	<b>3.31</b>	<b>3.17</b>	<b>3.05</b>	<b>2.94</b>	<b>2.85</b>	<b>2.78</b>	<b>2.71</b>	<b>2.65</b>	<b>2.60</b>	<b>2.55</b>
.1	.95	.71	.50	.34	.20	.08	.97	.88	.81	.74	.68	.63	.58
.2	3.97	.73	.53	.37	.23	.11	3.00	.91	.84	.77	.71	.66	.61
.3	4.00	.76	.56	.40	.26	.14	.04	.95	.87	.80	.74	.69	.64
.4	.02	.79	.59	.43	.29	.17	.07	2.98	.90	.83	.77	.72	.67
.5	.05	.81	.62	.46	.32	.20	.10	3.01	.93	.86	.80	.75	.70
.6	.08	.84	.65	.49	.35	.23	.13	.04	2.97	.90	.84	.78	.73
.7	.10	.87	.68	.52	.38	.26	.16	.07	3.00	.93	.87	.81	.76
.8	.13	.90	.71	.55	.41	.29	.20	.11	.03	.96	.90	.84	.79
.9	.15	.92	.74	.58	.46	.32	.23	.14	.06	2.99	.93	.87	.82
<b>8.0</b>	<b>4.18</b>	<b>3.95</b>	<b>3.77</b>	<b>3.61</b>	<b>3.47</b>	<b>3.35</b>	<b>3.26</b>	<b>3.17</b>	<b>3.09</b>	<b>3.02</b>	<b>2.96</b>	<b>2.90</b>	<b>2.85</b>
.1	.21	3.98	.80	.64	.50	.38	.29	.20	.12	.05	2.99	.93	.88
.2	.23	4.01	.82	.67	.53	.41	.32	.23	.15	.08	3.02	.96	.91
.3	.26	.03	.85	.69	.56	.44	.34	.26	.18	.11	.05	2.99	.94
.4	.28	.06	.88	.72	.59	.47	.37	.29	.21	.14	.08	3.02	.97
.5	.31	.09	.90	.75	.61	.50	.40	.31	.24	.17	.10	.05	3.00
.6	.34	.12	.93	.78	.64	.53	.43	.34	.27	.20	.13	.08	.03
.7	.36	.15	.96	.81	.67	.56	.46	.37	.30	.23	.16	.11	.06
.8	.39	.17	3.99	.83	.70	.59	.48	.40	.33	.26	.19	.14	.09
.9	.41	.20	4.01	.86	.73	.62	.51	.43	.36	.29	.22	.17	.12
<b>9.0</b>	<b>4.44</b>	<b>4.23</b>	<b>4.04</b>	<b>3.89</b>	<b>3.76</b>	<b>3.65</b>	<b>3.54</b>	<b>3.46</b>	<b>3.39</b>	<b>3.32</b>	<b>3.25</b>	<b>3.20</b>	<b>3.15</b>
.1	.46	.25	.07	.92	.79	.68	.57	.49	.42	.35	.28	.23	.18
.2	.49	.28	.09	.94	.81	.70	.60	.52	.45	.37	.31	.26	.21
.3	.51	.30	.12	3.97	.84	.73	.63	.55	.47	.40	.33	.28	.23
.4	.53	.33	.15	4.00	.87	.76	.66	.58	.50	.43	.36	.31	.26
.5	.55	.35	.17	.02	.89	.78	.68	.60	.53	.45	.39	.34	.29
.6	.58	.38	.20	.05	.92	.81	.71	.63	.56	.48	.42	.37	.32
.7	.60	.40	.23	.08	.95	.84	.74	.66	.59	.51	.45	.40	.35
.8	.62	.43	.26	.11	3.98	.87	.77	.69	.61	.54	.47	.42	.37
.9	.65	.45	.28	.13	4.00	.89	.80	.72	.64	.56	.50	.45	.40
<b>10.0</b>	<b>4.67</b>	<b>4.48</b>	<b>4.31</b>	<b>4.16</b>	<b>4.03</b>	<b>3.92</b>	<b>3.83</b>	<b>3.75</b>	<b>3.67</b>	<b>3.59</b>	<b>3.53</b>	<b>3.48</b>	<b>3.43</b>
.1	.69	.50	.33	.19	.06	.95	.86	.78	.70	.62	.56	.51	.46
.2	.72	.53	.36	.21	.08	3.97	.88	.80	.72	.65	.59	.53	.48
.3	.74	.55	.38	.24	.11	4.00	.91	.83	.75	.67	.61	.56	.51
.4	.77	.58	.41	.26	.14	.03	.94	.86	.78	.70	.64	.59	.54
.5	.79	.60	.43	.29	.16	.05	.96	.88	.80	.73	.67	.61	.56
.6	.81	.62	.46	.32	.19	.08	3.99	.91	.83	.76	.70	.64	.59
.7	.84	.65	.48	.34	.22	.11	4.02	.94	.86	.79	.73	.67	.62
.8	.86	.67	.51	.37	.25	.14	.05	.97	.89	.81	.75	.70	.65
.9	.89	.70	.53	.39	.27	.16	.07	3.99	.91	.84	.78	.72	.67
<b>11.0</b>	<b>4.91</b>	<b>4.72</b>	<b>4.56</b>	<b>4.42</b>	<b>4.30</b>	<b>4.19</b>	<b>4.10</b>	<b>4.02</b>	<b>3.94</b>	<b>3.87</b>	<b>3.81</b>	<b>3.75</b>	<b>3.70</b>

**Example:**  $\sigma_0 = 7.53$ observed temperature =  $7^{\circ}44$ adjustment =  $3^{\circ}03$ adjusted temperature =  $10^{\circ}47$

t°	D	t°	D	t°	D
12.22	0.38	16.83	1.05	20.33	1.72
12.31	0.39	16.89	1.06	20.38	1.73
12.39	0.40	16.95	1.07	20.43	1.74
12.48	0.41	17.01	1.08	20.47	1.75
12.56	0.42	17.06	1.09	20.52	1.76
12.64	0.43	17.12	1.10	20.57	1.77
12.72	0.44	17.18	1.11	20.61	1.78
12.80	0.45	17.23	1.12	20.66	1.79
12.88	0.46	17.29	1.13	20.71	1.80
12.96	0.47	17.35	1.14	20.76	1.81
13.04	0.48	17.40	1.15	20.80	1.82
13.12	0.49	17.46	1.16	20.85	1.83
13.20	0.50	17.51	1.17	20.89	1.84
13.27	0.51	17.57	1.18	20.94	1.85
13.35	0.52	17.62	1.19	20.99	1.86
13.43	0.53	17.68	1.20	21.03	1.87
13.50	0.54	17.73	1.21	21.08	1.88
13.58	0.55	17.79	1.22	21.13	1.89
13.65	0.56	17.84	1.23	21.17	1.90
13.72	0.57	17.90	1.24	21.22	1.91
13.80	0.58	17.95	1.25	21.26	1.92
13.87	0.59	18.01	1.26	21.31	1.93
13.94	0.60	18.06	1.27	21.36	1.94
14.01	0.61	18.11	1.28	21.40	1.95
14.09	0.62	18.17	1.29	21.45	1.96
14.16	0.63	18.22	1.30	21.49	1.97
14.23	0.64	18.27	1.31	21.54	1.98
14.30	0.65	18.33	1.32	21.58	1.99
14.37	0.66	18.38	1.33	21.63	2.00
14.44	0.67	18.43	1.34	21.67	2.01
14.51	0.68	18.49	1.35	21.71	2.02
14.58	0.69	18.54	1.36	21.76	2.03
14.64	0.70	18.59	1.37	21.80	2.04
14.71	0.71	18.64	1.38	21.85	2.05
14.78	0.72	18.70	1.39	21.89	2.06
14.85	0.73	18.75	1.40	21.94	2.07
14.91	0.74	18.80	1.41	22.98	2.08
14.98	0.75	18.85	1.42	22.02	2.09
15.05	0.76	18.90	1.43	22.07	2.10
15.11	0.77	18.95	1.44	22.11	2.11
15.18	0.78	19.01	1.45	22.15	2.12
15.24	0.79	19.06	1.46	22.20	2.13
15.31	0.80	19.11	1.47	22.24	2.14
15.37	0.81	19.16	1.48	22.28	2.15
15.44	0.82	19.21	1.49	22.33	2.16
15.50	0.83	19.26	1.50	22.37	2.17
15.56	0.84	19.31	1.51	22.41	2.18
15.63	0.85	19.36	1.52	22.46	2.19
15.69	0.86	19.41	1.53	22.50	2.20
15.75	0.87	19.46	1.54	22.54	2.21
15.82	0.88	19.51	1.55	22.59	2.22
15.88	0.89	19.56	1.56	22.63	2.23
15.94	0.90	19.61	1.57	22.67	2.24
16.00	0.91	19.65	1.58	22.71	2.25
16.06	0.92	19.70	1.59	22.76	2.26
16.12	0.93	19.75	1.60	22.80	2.27
16.18	0.94	19.80	1.61	22.84	2.28
16.24	0.95	19.85	1.62	22.88	2.29
16.30	0.96	19.90	1.63	22.92	2.30
16.36	0.97	19.95	1.64	22.97	2.31
16.42	0.98	20.00	1.65	23.01	2.32
16.48	0.99	20.04	1.66	23.05	2.33
16.54	1.00	20.09	1.67	23.09	2.34
16.60	1.01	20.14	1.68	23.14	2.35
16.66	1.02	20.19	1.69		
16.72	1.03	20.24	1.70		
16.78	1.04	20.28	1.71		
16.83	1.05	20.33	1.72		

**Example:**

D = 1.16 for the temperature range 17°.46 to 17°.50, both included.

	10°	10°.5	11°	11°.5	12°	13°	14°	15°	16°	17°	18°	19°	20°
<b>6.0</b>	<b>2.23</b>	<b>2.20</b>	<b>2.16</b>	<b>2.13</b>	<b>2.09</b>	<b>2.03</b>	<b>1.99</b>	<b>1.94</b>	<b>1.90</b>	<b>1.87</b>	<b>1.84</b>	<b>1.81</b>	<b>1.79</b>
.1	.26	.23	.19	.16	.12	.06	.02	.97	.93	.90	.87	.84	.82
.2	.29	.26	.22	.19	.15	.09	.05	2.00	.96	.93	.90	.87	.84
.3	.33	.29	.25	.22	.18	.12	.08	.03	1.99	.96	.92	.89	.87
.4	.36	.32	.28	.25	.21	.15	.11	.06	2.02	.99	.95	.92	.90
.5	.39	.35	.31	.28	.24	.18	.13	.08	.04	2.01	1.98	.95	.92
.6	.42	.38	.34	.31	.28	.21	.16	.11	.07	.04	2.01	1.98	.95
.7	.45	.41	.37	.34	.31	.24	.19	.14	.10	.07	.04	2.01	1.98
.8	.49	.45	.40	.37	.34	.27	.22	.17	.13	.10	.06	.03	2.01
.9	.52	.47	.43	.40	.37	.30	.25	.20	.16	.13	.09	.06	.03
<b>7.0</b>	<b>2.55</b>	<b>2.50</b>	<b>2.46</b>	<b>2.43</b>	<b>2.40</b>	<b>2.33</b>	<b>2.28</b>	<b>2.23</b>	<b>2.19</b>	<b>2.16</b>	<b>2.12</b>	<b>2.09</b>	<b>2.06</b>
.1	.58	.53	.49	.46	.43	.36	.31	.26	.22	.19	.15	.12	.09
.2	.61	.57	.52	.49	.46	.39	.34	.29	.25	.22	.18	.15	.11
.3	.64	.60	.55	.52	.49	.42	.37	.32	.28	.24	.20	.17	.14
.4	.67	.62	.58	.55	.52	.45	.40	.35	.31	.27	.23	.20	.17
.5	.70	.66	.61	.58	.54	.48	.42	.37	.33	.30	.26	.23	.19
.6	.73	.69	.65	.61	.57	.51	.45	.40	.36	.33	.29	.26	.22
.7	.76	.72	.68	.64	.60	.54	.48	.43	.39	.36	.32	.29	.25
.8	.79	.75	.71	.67	.63	.57	.51	.46	.42	.38	.34	.31	.28
.9	.82	.78	.74	.70	.66	.60	.54	.49	.45	.41	.37	.34	.30
<b>8.0</b>	<b>2.85</b>	<b>2.81</b>	<b>2.77</b>	<b>2.73</b>	<b>2.69</b>	<b>2.63</b>	<b>2.57</b>	<b>2.52</b>	<b>2.48</b>	<b>2.44</b>	<b>2.40</b>	<b>2.37</b>	<b>2.33</b>
.1	.88	.84	.80	.76	.72	.66	.60	.55	.51	.47	.43	.40	.36
.2	.91	.87	.83	.79	.75	.69	.63	.58	.53	.49	.45	.42	.38
.3	.94	.90	.86	.82	.78	.71	.66	.60	.56	.52	.48	.45	.41
.4	2.97	.93	.89	.85	.81	.74	.69	.63	.59	.55	.51	.48	.44
.5	3.00	.96	.91	.87	.83	.77	.71	.66	.61	.57	.53	.50	.46
.6	.03	2.99	.94	.90	.86	.80	.74	.69	.64	.60	.56	.53	.49
.7	.06	3.02	.97	.93	.89	.83	.77	.72	.67	.63	.59	.56	.52
.8	.09	.05	3.00	.96	.92	.85	.80	.74	.70	.66	.62	.59	.55
.9	.12	.08	.03	2.99	.95	.88	.83	.77	.72	.68	.64	.61	.57
<b>9.0</b>	<b>3.15</b>	<b>3.10</b>	<b>3.06</b>	<b>3.02</b>	<b>2.98</b>	<b>2.91</b>	<b>2.86</b>	<b>2.80</b>	<b>2.75</b>	<b>2.71</b>	<b>2.67</b>	<b>2.64</b>	<b>2.60</b>
.1	.18	.13	.09	.05	3.01	.94	.89	.83	.78	.74	.70	.67	.63
.2	.21	.16	.12	.08	.04	2.97	.91	.86	.81	.76	.72	.69	.65
.3	.23	.18	.14	.10	.06	3.00	.94	.88	.83	.79	.75	.72	.68
.4	.26	.21	.17	.13	.09	.03	.97	.91	.86	.82	.78	.74	.71
.5	.29	.24	.20	.16	.12	.05	2.99	.94	.89	.84	.80	.77	.73
.6	.32	.27	.23	.19	.15	.08	3.02	.97	.92	.87	.83	.80	.76
.7	.35	.30	.26	.22	.18	.11	.05	3.00	.95	.90	.86	.82	.79
.8	.37	.32	.28	.24	.20	.14	.08	.02	2.97	.93	.89	.85	.82
.9	.40	.35	.31	.27	.23	.17	.10	.05	3.00	.95	.91	.87	.84
<b>10.0</b>	<b>3.43</b>	<b>3.38</b>	<b>3.34</b>	<b>3.30</b>	<b>3.26</b>	<b>3.20</b>	<b>3.13</b>	<b>3.08</b>	<b>3.03</b>	<b>2.98</b>	<b>2.94</b>	<b>2.90</b>	<b>2.87</b>
.1	.46	.41	.37	.33	.29	.23	.16	.11	.06	3.01	.97	.93	.89
.2	.48	.43	.39	.35	.31	.25	.18	.13	.08	.03	2.99	.95	.92
.3	.51	.46	.42	.38	.34	.28	.21	.16	.11	.06	3.02	2.98	.94
.4	.54	.49	.45	.41	.37	.30	.24	.18	.13	.08	.04	3.00	.97
.5	.56	.51	.47	.43	.39	.33	.26	.21	.16	.11	.07	.03	2.99
.6	.59	.54	.50	.46	.42	.36	.29	.24	.19	.14	.10	.06	3.02
.7	.62	.57	.53	.49	.45	.38	.32	.26	.21	.16	.12	.08	.04
.8	.65	.60	.56	.52	.48	.41	.35	.29	.24	.19	.15	.11	.07
.9	.67	.62	.58	.54	.50	.43	.37	.31	.26	.21	.17	.13	.09
<b>11.0</b>	<b>3.70</b>	<b>3.65</b>	<b>3.61</b>	<b>3.57</b>	<b>3.53</b>	<b>3.46</b>	<b>3.40</b>	<b>3.34</b>	<b>3.29</b>	<b>3.24</b>	<b>3.20</b>	<b>3.16</b>	<b>3.12</b>

**Example:**  $\sigma_0 = 8.68$ observed temperature =  $14^{\circ}74$ adjustment =  $2^{\circ}73$ adjusted temperature =  $17^{\circ}47$

t°	D												
21.76	2.03	24.56	2.70	27.09	3.37	29.43	4.04	31.62	4.71	33.65	5.37	35.61	6.04
21.80	2.04	24.60	2.71	27.13	3.38	29.46	4.05	31.65	4.72	33.68	5.38	35.64	6.05
21.85	2.05	24.64	2.72	27.17	3.39	29.50	4.06	31.68	4.73	33.71	5.39	35.67	6.06
21.89	2.06	24.68	2.73	27.20	3.40	29.53	4.07	31.71	4.74	33.74	5.40	35.69	6.07
21.94	2.07	24.72	2.74	27.24	3.41	29.56	4.08	31.74	4.75	33.77	5.41	35.72	6.08
21.98	2.08	24.76	2.75	27.28	3.42	29.60	4.09	31.77	4.76	33.80	5.42	35.75	6.09
22.02	2.09	24.80	2.76	27.31	3.43	29.63	4.10	31.81	4.77	33.83	5.43	35.78	6.10
22.07	2.10	24.84	2.77	27.35	3.44	29.66	4.11	31.84	4.78	33.86	5.44	35.81	6.11
22.11	2.11	24.88	2.78	27.38	3.45	29.70	4.12	31.87	4.79	33.88	5.45		
22.15	2.12	24.91	2.79	27.42	3.46	29.73	4.13	31.90	4.80	33.91	5.46		
22.20	2.13	24.95	2.80	27.45	3.47	29.76	4.14	31.93	4.81	33.94	5.47		
22.24	2.14	24.99	2.81	27.49	3.48	29.80	4.15	31.96	4.82	33.97	5.48		
22.28	2.15	25.03	2.82	27.53	3.49	29.83	4.16	31.99	4.83	34.00	5.49		
22.33	2.16	25.07	2.83	27.56	3.50	29.86	4.17	32.03	4.84	34.03	5.50		
22.37	2.17	25.11	2.84	27.60	3.51	29.90	4.18	32.06	4.85	34.06	5.51		
22.41	2.18	25.15	2.85	27.63	3.52	29.93	4.19	32.09	4.86	34.09	5.52		
22.46	2.19	25.19	2.86	27.67	3.53	29.96	4.20	32.12	4.87	34.12	5.53		
22.50	2.20	25.23	2.87	27.70	3.54	30.00	4.21	32.15	4.88	34.15	5.54		
22.54	2.21	25.26	2.88	27.74	3.55	30.03	4.22	32.18	4.89	34.18	5.55		
22.59	2.22	25.30	2.89	27.77	3.56	30.06	4.23	32.21	4.90	34.21	5.56		
22.63	2.23	25.34	2.90	27.81	3.57	30.10	4.24	32.24	4.91	34.24	5.57		
22.67	2.24	25.38	2.91	27.85	3.58	30.13	4.25	32.27	4.92	34.27	5.58		
22.71	2.25	25.42	2.92	27.88	3.59	30.16	4.26	32.31	4.93	34.30	5.59		
22.76	2.26	25.46	2.93	27.92	3.60	30.20	4.27	32.34	4.94	34.33	5.60		
22.80	2.27	25.50	2.94	27.95	3.61	30.23	4.28	32.37	4.95	34.36	5.61		
22.84	2.28	25.53	2.95	27.99	3.62	30.26	4.29	32.40	4.96	34.39	5.62		
22.88	2.29	25.57	2.96	28.02	3.63	30.29	4.30	32.43	4.97	34.42	5.63		
22.92	2.30	25.61	2.97	28.06	3.64	30.33	4.31	32.46	4.98	34.44	5.64		
22.97	2.31	25.65	2.98	28.09	3.65	30.36	4.32	32.49	4.99	34.47	5.65		
23.01	2.32	25.69	2.99	28.13	3.66	30.39	4.33	32.52	5.00	34.50	5.66		
23.05	2.33	25.72	3.00	28.16	3.67	30.43	4.34	32.55	5.01	34.53	5.67		
23.09	2.34	25.76	3.01	28.20	3.68	30.46	4.35	32.58	5.02	34.56	5.68		
23.14	2.35	25.80	3.02	28.23	3.69	30.49	4.36	32.61	5.03	34.59	5.69		
23.18	2.36	25.84	3.03	28.27	3.70	30.52	4.37	32.65	5.04	34.62	5.70		
23.22	2.37	25.88	3.04	28.30	3.71	30.56	4.38	32.68	5.05	34.65	5.71		
23.26	2.38	25.91	3.05	28.34	3.72	30.59	4.39	32.71	5.06	34.68	5.72		
23.30	2.39	25.95	3.06	28.37	3.73	30.62	4.40	32.74	5.07	34.71	5.73		
23.34	2.40	25.99	3.07	28.41	3.74	30.65	4.41	32.77	5.08	34.74	5.74		
23.39	2.41	26.03	3.08	28.44	3.75	30.69	4.42	32.80	5.09	34.76	5.75		
23.43	2.42	26.06	3.09	28.47	3.76	30.72	4.43	32.83	5.10	34.79	5.76		
23.47	2.43	26.10	3.10	28.51	3.77	30.75	4.44	32.86	5.11	34.82	5.77		
23.51	2.44	26.14	3.11	28.54	3.78	30.78	4.45	32.89	5.12	34.85	5.78		
23.55	2.45	26.18	3.12	28.58	3.79	30.82	4.46	32.92	5.13	34.88	5.79		
23.59	2.46	26.21	3.13	28.61	3.80	30.85	4.47	32.95	5.14	34.91	5.80		
23.63	2.47	26.25	3.14	28.65	3.81	30.88	4.48	32.98	5.15	34.94	5.81		
23.67	2.48	26.29	3.15	28.68	3.82	30.91	4.49	33.00	5.16	34.97	5.82		
23.72	2.49	26.33	3.16	28.72	3.83	30.95	4.50	33.04	5.17	35.00	5.83		
23.76	2.50	26.36	3.17	28.75	3.84	30.98	4.51	33.07	5.18	35.03	5.84		
23.80	2.51	26.40	3.18	28.79	3.85	31.01	4.52	33.07	5.18	35.06	5.85		
23.84	2.52	26.44	3.19	28.82	3.86	31.04	4.53	33.10	5.19	35.09	5.86		
23.88	2.53	26.47	3.20	28.85	3.87	31.07	4.54	33.13	5.20	35.11	5.87		
23.92	2.54	26.51	3.21	28.88	3.88	31.11	4.55	33.16	5.21	35.14	5.88		
23.96	2.55	26.55	3.22	28.92	3.89	31.14	4.56	33.19	5.22	35.17	5.89		
24.00	2.56	26.58	3.23	28.96	3.90	31.17	4.57	33.23	5.23	35.20	5.90		
24.04	2.57	26.62	3.24	28.99	3.91	31.20	4.58	33.26	5.24	35.23	5.91		
24.08	2.58	26.66	3.25	29.02	3.92	31.23	4.59	33.29	5.25	35.26	5.92		
24.12	2.59	26.69	3.26	29.06	3.93	31.27	4.60	33.32	5.26	35.29	5.93		
24.16	2.60	26.73	3.27	29.09	3.94	31.30	4.61	33.35	5.27	35.32	5.94		
24.20	2.61	26.77	3.28	29.13	3.95	31.33	4.62	33.38	5.28	35.35	5.95		
24.24	2.62	26.80	3.29	29.16	3.96	31.36	4.63	33.41	5.29	35.38	5.96		
24.28	2.63	26.84	3.30	29.19	3.97	31.39	4.64	33.44	5.30	35.40	5.97		
24.32	2.64	26.88	3.31	29.23	3.98	31.43	4.65	33.47	5.31	35.43	5.98		
24.36	2.65	26.91	3.32	29.26	3.99	31.46	4.66	33.50	5.32	35.46	5.99		
24.40	2.66	26.95	3.33	29.30	4.00	31.49	4.67	33.53	5.33	35.49	6.00		
24.44	2.67	26.99	3.34	29.33	4.01	31.52	4.68	33.56	5.34	35.52	6.01		
24.48	2.68	27.02	3.35	29.36	4.02	31.55	4.69	33.59	5.35	35.55	6.02		
24.52	2.69	27.06	3.36	29.40	4.03	31.59	4.70	33.62	5.36	35.58	6.03		
24.56	2.70	27.09	3.37	29.43	4.04	31.62	4.71	33.65	5.37	35.61	6.04		

This Table is not to be used to calculate D for temperatures higher than 33°.00 C.

### Example:

D = 4.50 for the temperature range 30°.95 to 30°.97, both included.

	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°	33°
<b>6.0</b>	<b>1.79</b>	<b>1.76</b>	<b>1.74</b>	<b>1.71</b>	<b>1.70</b>	<b>1.68</b>	<b>1.66</b>	<b>1.65</b>	<b>1.63</b>	<b>1.62</b>	<b>1.61</b>	<b>1.60</b>	<b>1.59</b>	<b>1.58</b>
.4	.82	.79	.77	.74	.73	.71	.69	.68	.66	.65	.64	.62	.61	.60
.2	.84	.81	.79	.76	.75	.73	.71	.70	.68	.67	.66	.65	.64	.63
.3	.87	.84	.82	.79	.78	.76	.74	.73	.71	.70	.69	.67	.66	.65
.4	.90	.87	.85	.82	.81	.79	.77	.75	.73	.72	.71	.70	.69	.68
.5	.92	.89	.87	.84	.83	.81	.79	.78	.76	.75	.74	.72	.71	.70
.6	.95	.92	.90	.87	.86	.84	.82	.81	.79	.78	.77	.75	.74	.73
.7	1.98	.95	.93	.90	.89	.87	.85	.83	.81	.80	.79	.77	.76	.75
.8	2.01	1.98	.96	.93	.92	.90	.88	.86	.84	.83	.82	.80	.79	.78
.9	.03	2.00	1.98	.95	.94	.92	.90	.88	.86	.85	.84	.82	.81	.80
<b>7.0</b>	<b>2.06</b>	<b>2.03</b>	<b>2.01</b>	<b>1.98</b>	<b>1.97</b>	<b>1.95</b>	<b>1.93</b>	<b>1.91</b>	<b>1.89</b>	<b>1.88</b>	<b>1.87</b>	<b>1.85</b>	<b>1.84</b>	<b>1.83</b>
.4	.09	.06	.04	2.01	.00	1.98	.96	.94	.92	.91	.89	.87	.86	.85
.2	.11	.08	.06	.03	.02	2.00	1.98	.96	.94	.93	.92	.90	.89	.88
.3	.14	.11	.09	.06	.05	.03	2.01	1.99	.97	.96	.94	.92	.91	.90
.4	.17	.14	.11	.09	.07	.05	.03	2.01	1.99	1.98	.97	.95	.94	.93
.5	.19	.16	.14	.11	.10	.08	.06	.04	2.02	2.01	1.99	.97	.96	.95
.6	.22	.19	.17	.14	.13	.11	.09	.07	.05	.04	2.02	2.00	1.99	.97
.7	.25	.22	.19	.17	.15	.13	.11	.09	.07	.06	.04	.02	2.01	.200
.8	.28	.25	.22	.20	.18	.16	.14	.12	.10	.09	.07	.05	.04	.02
.9	.30	.27	.24	.22	.20	.18	.16	.14	.12	.11	.09	.07	.06	.05
<b>8.0</b>	<b>2.33</b>	<b>2.30</b>	<b>2.27</b>	<b>2.25</b>	<b>2.23</b>	<b>2.21</b>	<b>2.19</b>	<b>2.17</b>	<b>2.15</b>	<b>2.14</b>	<b>2.12</b>	<b>2.10</b>	<b>2.09</b>	<b>2.07</b>
.4	.36	.33	.30	.28	.26	.24	.21	.19	.17	.16	.14	.12	.11	.10
.2	.38	.35	.32	.30	.28	.26	.24	.22	.20	.19	.17	.15	.14	.12
.3	.41	.38	.35	.33	.31	.29	.26	.24	.22	.21	.19	.17	.16	.15
.4	.44	.41	.38	.35	.33	.31	.29	.27	.25	.24	.22	.20	.19	.17
.5	.46	.43	.40	.38	.36	.34	.31	.29	.27	.26	.24	.22	.21	.20
.6	.49	.46	.43	.41	.39	.37	.34	.32	.30	.28	.27	.25	.23	.22
.7	.52	.49	.46	.43	.41	.39	.36	.34	.32	.31	.29	.27	.26	.25
.8	.55	.52	.49	.46	.44	.42	.39	.37	.35	.33	.32	.30	.28	.27
.9	.57	.54	.51	.48	.46	.44	.41	.39	.37	.36	.34	.32	.31	.30
<b>9.0</b>	<b>2.60</b>	<b>2.57</b>	<b>2.54</b>	<b>2.51</b>	<b>2.49</b>	<b>2.47</b>	<b>2.44</b>	<b>2.42</b>	<b>2.40</b>	<b>2.38</b>	<b>2.37</b>	<b>2.35</b>	<b>2.33</b>	<b>2.32</b>
.4	.63	.60	.57	.54	.52	.49	.47	.44	.42	.40	.39	.37	.35	.34
.2	.65	.62	.59	.56	.54	.52	.49	.47	.45	.43	.42	.40	.38	.37
.3	.68	.65	.62	.59	.57	.54	.52	.49	.47	.45	.44	.42	.40	.39
.4	.71	.67	.64	.61	.59	.57	.54	.52	.50	.48	.47	.45	.43	.42
.5	.73	.70	.67	.64	.62	.59	.57	.54	.52	.50	.49	.47	.45	.44
.6	.76	.73	.70	.67	.65	.62	.60	.57	.55	.53	.51	.50	.48	.47
.7	.79	.75	.72	.69	.67	.64	.62	.59	.57	.55	.54	.52	.50	.49
.8	.82	.78	.75	.72	.70	.67	.65	.62	.60	.58	.56	.55	.53	.52
.9	.84	.80	.77	.74	.72	.69	.67	.64	.62	.60	.59	.57	.55	.54
<b>10.0</b>	<b>2.87</b>	<b>2.83</b>	<b>2.80</b>	<b>2.77</b>	<b>2.75</b>	<b>2.72</b>	<b>2.70</b>	<b>2.67</b>	<b>2.65</b>	<b>2.63</b>	<b>2.61</b>	<b>2.60</b>	<b>2.58</b>	<b>2.56</b>
.1	.89	.86	.82	.80	.77	.74	.72	.69	.67	.65	.63	.62	.60	.58
.2	.92	.88	.85	.82	.80	.77	.75	.72	.70	.68	.66	.65	.63	.61
.3	.94	.91	.87	.85	.82	.79	.77	.74	.72	.70	.68	.67	.65	.63
.4	.97	.93	.90	.87	.85	.82	.80	.77	.75	.73	.71	.70	.68	.66
.5	2.99	.96	.92	.90	.87	.84	.82	.79	.77	.75	.73	.72	.70	.68
.6	3.02	2.99	.95	.93	.90	.87	.84	.82	.79	.78	.76	.74	.72	.71
.7	.04	3.01	2.97	.95	.92	.89	.87	.84	.82	.80	.78	.77	.75	.73
.8	.07	.04	3.00	2.98	.95	.92	.89	.87	.84	.83	.81	.79	.77	.76
.9	.09	.06	.02	3.00	2.97	.94	.92	.89	.87	.85	.83	.82	.80	.78
<b>11.0</b>	<b>3.12</b>	<b>3.09</b>	<b>3.05</b>	<b>3.03</b>	<b>3.00</b>	<b>2.97</b>	<b>2.94</b>	<b>2.92</b>	<b>2.89</b>	<b>2.88</b>	<b>2.86</b>	<b>2.84</b>	<b>2.82</b>	<b>2.81</b>

**Example:**  $\sigma_0 = 8.53$ 

observed temperature = 28°.70

adjustment = 2°.27

adjusted temperature = 30°.97

t°	D	t°	D
8.88	0.06	14.85	0.73
9.01	0.07	14.91	0.74
9.14	0.08	14.98	0.75
9.27	0.09		
9.40	0.10		
9.52	0.11		
9.64	0.12		
9.76	0.13		
9.88	0.14		
9.99	0.15		
10.11	0.16		
10.21	0.17		
10.32	0.18		
10.43	0.19		
10.54	0.20		
10.64	0.21		
10.74	0.22		
10.84	0.23		
10.94	0.24		
11.04	0.25		
11.14	0.26		
11.23	0.27		
11.33	0.28		
11.42	0.29		
11.52	0.30		
11.61	0.31		
11.70	0.32		
11.79	0.33		
11.88	0.34		
11.97	0.35		
12.05	0.36		
12.14	0.37		
12.22	0.38		
12.31	0.39		
12.39	0.40		
12.48	0.41		
12.56	0.42		
12.64	0.43		
12.72	0.44		
12.80	0.45		
12.88	0.46		
12.96	0.47		
13.04	0.48		
13.12	0.49		
13.20	0.50		
13.27	0.51		
13.35	0.52		
13.43	0.53		
13.50	0.54		
13.58	0.55		
13.65	0.56		
13.72	0.57		
13.80	0.58		
13.87	0.59		
13.94	0.60		
14.01	0.61		
14.09	0.62		
14.16	0.63		
14.23	0.64		
14.30	0.65		
14.37	0.66		
14.44	0.67		
14.51	0.68		
14.58	0.69		
14.64	0.70		
14.71	0.71		
14.78	0.72		
14.85	0.73		

**Example:**

D = 0.31 for the temperature range 11°.61 to 11°.69, both included.

	4°	4°.5	5°	5°.5	6°	6°.5	7°	7°.5	8°	8°.5	9°	9°.5	10°
<b>11.0</b>	<b>4.91</b>	<b>4.72</b>	<b>4.56</b>	<b>4.42</b>	<b>4.30</b>	<b>4.19</b>	<b>4.10</b>	<b>4.02</b>	<b>3.94</b>	<b>3.87</b>	<b>3.81</b>	<b>3.75</b>	<b>3.70</b>
.1	.93	.74	.58	.44	.32	.22	.13	.05	.97	.90	.84	.78	.73
.2	.95	.77	.61	.47	.35	.24	.15	.07	3.99	.92	.86	.80	.75
.3	.97	.79	.63	.49	.37	.27	.18	.10	4.02	.95	.89	.83	.78
.4	4.99	.81	.66	.52	.40	.29	.20	.12	.04	3.97	.91	.86	.81
.5	5.01	.83	.68	.54	.42	.32	.23	.15	.07	4.00	.94	.88	.83
.6	.04	.86	.70	.56	.44	.35	.26	.18	.10	.03	.97	.91	.86
.7	.06	.88	.73	.59	.47	.37	.28	.20	.12	.05	3.99	.94	.89
.8	.08	.90	.75	.61	.49	.40	.31	.23	.15	.08	4.02	.97	.92
.9	.10	.93	.78	.64	.52	.42	.33	.25	.17	.10	.04	3.99	.94
<b>12.0</b>	<b>5.12</b>	<b>4.95</b>	<b>4.80</b>	<b>4.66</b>	<b>4.54</b>	<b>4.45</b>	<b>4.36</b>	<b>4.28</b>	<b>4.20</b>	<b>4.13</b>	<b>4.07</b>	<b>4.02</b>	<b>3.97</b>
.1	.44	.97	.82	.68	.56	.47	.38	.30	.22	.16	.10	.05	4.00
.2	.46	4.99	.84	.71	.59	.50	.41	.33	.25	.18	.12	.07	.02
.3	.48	5.02	.87	.73	.61	.52	.43	.35	.27	.21	.15	.10	.05
.4	.20	.04	.89	.76	.64	.55	.46	.38	.30	.23	.17	.12	.07
.5	.22	.06	.91	.78	.66	.57	.48	.40	.32	.26	.20	.15	.10
.6	.24	.08	.93	.80	.69	.59	.51	.43	.35	.29	.23	.18	.13
.7	.26	.40	.95	.83	.71	.62	.53	.45	.37	.31	.25	.20	.15
.8	.28	.43	4.98	.85	.74	.64	.56	.48	.40	.34	.28	.23	.18
.9	.30	.45	5.00	.88	.76	.67	.58	.50	.42	.36	.30	.25	.20
<b>13.0</b>	<b>5.32</b>	<b>5.17</b>	<b>5.02</b>	<b>4.90</b>	<b>4.79</b>	<b>4.69</b>	<b>4.61</b>	<b>4.53</b>	<b>4.45</b>	<b>4.39</b>	<b>4.33</b>	<b>4.28</b>	<b>4.23</b>
.1	.34	.19	.04	.91	.81	.71	.63	.55	.47	.41	.35	.30	.25
.2	.36	.21	.06	.94	.84	.74	.66	.58	.50	.44	.38	.33	.28
.3	.38	.23	.08	.96	.86	.76	.68	.60	.52	.46	.40	.35	.30
.4	.40	.25	.40	4.99	.88	.79	.70	.63	.55	.49	.43	.38	.33
.5	.42	.27	.42	5.01	.90	.81	.72	.65	.57	.51	.45	.40	.35
.6	.44	.29	.45	.03	.93	.83	.75	.67	.60	.54	.48	.43	.38
.7	.46	.31	.47	.06	.95	.86	.77	.70	.62	.56	.50	.45	.40
.8	.48	.33	.49	.08	4.97	.88	.79	.72	.65	.59	.53	.48	.43
.9	.50	.35	.21	.41	5.00	.91	.82	.75	.67	.61	.55	.50	.45
<b>14.0</b>	<b>5.52</b>	<b>5.37</b>	<b>5.23</b>	<b>5.13</b>	<b>5.02</b>	<b>4.93</b>	<b>4.84</b>	<b>4.77</b>	<b>4.70</b>	<b>4.64</b>	<b>4.58</b>	<b>4.53</b>	<b>4.48</b>
.1	.54	.39	.25	.45	.04	.95	.86	.79	.72	.66	.60	.55	.50
.2	.56	.41	.27	.47	.06	4.97	.89	.82	.75	.69	.63	.58	.53
.3	.58	.43	.30	.19	.09	5.00	.91	.84	.77	.71	.65	.60	.55
.4	.60	.45	.32	.21	.41	.02	.93	.86	.79	.73	.68	.63	.58
.5	.61	.47	.34	.23	.43	.04	.95	.88	.81	.75	.70	.65	.60
.6	.63	.50	.36	.26	.45	.06	4.98	.91	.84	.78	.72	.68	.63
.7	.65	.52	.38	.28	.47	.08	5.00	.93	.86	.80	.75	.70	.65
.8	.67	.54	.41	.30	.20	.41	.02	.95	.88	.82	.77	.73	.68
.9	.69	.56	.43	.32	.22	.43	.05	4.98	.91	.85	.80	.75	.70
<b>15.0</b>	<b>5.71</b>	<b>5.58</b>	<b>5.45</b>	<b>5.34</b>	<b>5.24</b>	<b>5.15</b>	<b>5.07</b>	<b>5.00</b>	<b>4.93</b>	<b>4.87</b>	<b>4.82</b>	<b>4.78</b>	<b>4.73</b>
.1	.73	.60	.47	.36	.26	.47	.09	.02	.95	.89	.84	.80	.75
.2	.75	.62	.49	.38	.28	.20	.12	.04	4.98	.92	.87	.83	.78
.3	.77	.64	.51	.40	.31	.22	.14	.07	5.00	.94	.89	.85	.80
.4	.79	.66	.53	.42	.33	.24	.16	.09	.02	.97	.92	.87	.82
.5	.80	.67	.55	.44	.35	.26	.18	.11	.04	4.99	.94	.89	.84
.6	.82	.69	.57	.47	.37	.29	.21	.13	.07	5.01	.96	.92	.87
.7	.84	.71	.59	.49	.39	.31	.23	.15	.09	.04	4.99	.94	.89
.8	.86	.73	.61	.51	.42	.33	.25	.18	.11	.06	5.01	.96	.91
.9	.88	.75	.63	.53	.44	.36	.28	.20	.14	.09	.04	4.99	.94
<b>16.0</b>	<b>5.90</b>	<b>5.77</b>	<b>5.65</b>	<b>5.55</b>	<b>5.46</b>	<b>5.38</b>	<b>5.30</b>	<b>5.22</b>	<b>5.16</b>	<b>5.11</b>	<b>5.06</b>	<b>5.01</b>	<b>4.96</b>

**Example:**  $\sigma_0 = 12.32$ 

observed temperature = 7°.30

adjustment = 4°.39

adjusted temperature = 11°.69

t°	D	t°	D	t°	D	t°	D
13.65	0.56	17.84	1.23	21.17	1.90	24.04	2.57
13.72	0.57	17.90	1.24	21.22	1.91	24.08	2.58
13.80	0.58	17.95	1.25	21.26	1.92	24.12	2.59
13.87	0.59	18.01	1.26	21.31	1.93	24.16	2.60
13.94	0.60	18.06	1.27	21.36	1.94	24.20	2.61
14.01	0.61	18.11	1.28	21.40	1.95	24.24	2.62
14.09	0.62	18.17	1.29	21.45	1.96	24.28	2.63
14.16	0.63	18.22	1.30	21.49	1.97	24.32	2.64
14.23	0.64	18.27	1.31	21.54	1.98	24.36	2.65
14.30	0.65	18.33	1.32	21.58	1.99		
14.37	0.66	18.38	1.33	21.63	2.00		
14.44	0.67	18.43	1.34	21.67	2.01		
14.51	0.68	18.49	1.35	21.71	2.02		
14.58	0.69	18.54	1.36	21.76	2.03		
14.64	0.70	18.59	1.37	21.80	2.04		
14.71	0.71	18.64	1.38	21.85	2.05		
14.78	0.72	18.70	1.39	21.89	2.06		
14.85	0.73	18.75	1.40	21.94	2.07		
14.91	0.74	18.80	1.41	21.98	2.08		
14.98	0.75	18.85	1.42	22.02	2.09		
15.05	0.76	18.90	1.43	22.07	2.10		
15.11	0.77	18.95	1.44	22.11	2.11		
15.18	0.78	19.01	1.45	22.15	2.12		
15.24	0.79	19.06	1.46	22.20	2.13		
15.31	0.80	19.11	1.47	22.24	2.14		
15.37	0.81	19.16	1.48	22.28	2.15		
15.44	0.82	19.21	1.49	22.33	2.16		
15.50	0.83	19.26	1.50	22.37	2.17		
15.56	0.84	19.31	1.51	22.41	2.18		
15.63	0.85	19.36	1.52	22.46	2.19		
15.69	0.86	19.41	1.53	22.50	2.20		
15.75	0.87	19.46	1.54	22.54	2.21		
15.82	0.88	19.51	1.55	22.59	2.22		
15.88	0.89	19.56	1.56	22.63	2.23		
15.94	0.90	19.61	1.57	22.67	2.24		
16.00	0.91	19.65	1.58	22.71	2.25		
16.06	0.92	19.70	1.59	22.76	2.26		
16.12	0.93	19.75	1.60	22.80	2.27		
16.18	0.94	19.80	1.61	22.84	2.28		
16.24	0.95	19.85	1.62	22.88	2.29		
16.30	0.96	19.90	1.63	22.92	2.30		
16.36	0.97	19.95	1.64	22.97	2.31		
16.42	0.98	20.00	1.65	23.01	2.32		
16.48	0.99	20.04	1.66	23.05	2.33		
16.54	1.00	20.09	1.67	23.09	2.34		
16.60	1.01	20.14	1.68	23.14	2.35		
16.66	1.02	20.19	1.69	23.18	2.36		
16.72	1.03	20.24	1.70	23.22	2.37		
16.78	1.04	20.28	1.71	23.26	2.38		
16.83	1.05	20.33	1.72	23.30	2.39		
16.89	1.06	20.38	1.73	23.34	2.40		
16.95	1.07	20.43	1.74	23.39	2.41		
17.01	1.08	20.47	1.75	23.43	2.42		
17.06	1.09	20.52	1.76	23.47	2.43		
17.12	1.10	20.57	1.77	23.51	2.44		
17.18	1.11	20.61	1.78	23.55	2.45		
17.23	1.12	20.66	1.79	23.59	2.46		
17.29	1.13	20.71	1.80	23.63	2.47		
17.35	1.14	20.76	1.81	23.67	2.48		
17.40	1.15	20.80	1.82	23.72	2.49		
17.46	1.16	20.85	1.83	23.76	2.50		
17.51	1.17	20.89	1.84	23.80	2.51		
17.57	1.18	20.94	1.85	23.84	2.52		
17.62	1.19	20.99	1.86	23.88	2.53		
17.68	1.20	21.03	1.87	23.92	2.54		
17.73	1.21	21.08	1.88	23.96	2.55		
17.79	1.22	21.13	1.89	24.00	2.56		
17.84	1.23	21.17	1.90	24.04	2.57		

**Example:**

D = 1.01 for the temperature range 16°.60 to 16°.65, both included.

	10°	10°.5	11°	11°.5	12°	13°	14°	15°	16°	17°	18°	19°	20°
<b>11.0</b>	<b>3.70</b>	<b>3.65</b>	<b>3.61</b>	<b>3.57</b>	<b>3.53</b>	<b>3.46</b>	<b>3.40</b>	<b>3.34</b>	<b>3.29</b>	<b>3.24</b>	<b>3.20</b>	<b>3.16</b>	<b>3.12</b>
.1	.73	.68	.64	.60	.56	.49	.43	.37	.32	.27	.23	.19	.15
.2	.75	.70	.66	.62	.58	.51	.45	.39	.34	.29	.25	.21	.17
.3	.78	.73	.69	.65	.61	.54	.48	.42	.37	.32	.28	.24	.20
.4	.81	.76	.72	.68	.64	.57	.50	.45	.40	.35	.30	.26	.22
.5	.83	.78	.74	.70	.66	.59	.53	.47	.42	.37	.33	.29	.25
.6	.86	.81	.77	.73	.69	.62	.56	.50	.45	.40	.36	.32	.28
.7	.89	.84	.80	.76	.72	.65	.58	.53	.48	.43	.38	.34	.30
.8	.92	.87	.83	.79	.75	.68	.61	.56	.51	.46	.41	.37	.33
.9	.94	.89	.85	.81	.77	.70	.63	.58	.53	.48	.43	.39	.35
<b>12.0</b>	<b>3.97</b>	<b>3.92</b>	<b>3.88</b>	<b>3.84</b>	<b>3.80</b>	<b>3.73</b>	<b>3.66</b>	<b>3.61</b>	<b>3.56</b>	<b>3.51</b>	<b>3.46</b>	<b>3.42</b>	<b>3.38</b>
.1	4.00	.95	.91	.87	.83	.76	.69	.64	.58	.53	.49	.44	.40
.2	.02	3.97	.93	.89	.85	.78	.71	.66	.61	.56	.51	.47	.43
.3	.05	4.00	.96	.92	.88	.81	.74	.69	.63	.58	.54	.49	.45
.4	.07	.03	3.98	.94	.90	.83	.76	.71	.66	.61	.56	.52	.48
.5	.10	.05	4.01	3.97	.93	.86	.79	.74	.68	.63	.59	.54	.50
.6	.13	.08	.04	4.00	.96	.89	.82	.77	.71	.66	.62	.57	.53
.7	.15	.11	.06	.02	3.98	.91	.84	.79	.73	.68	.64	.59	.55
.8	.18	.14	.09	.05	4.01	.94	.87	.82	.76	.71	.67	.62	.58
.9	.20	.16	.11	.07	.03	.96	.89	.84	.78	.73	.69	.64	.60
<b>13.0</b>	<b>4.23</b>	<b>4.19</b>	<b>4.14</b>	<b>4.10</b>	<b>4.06</b>	<b>3.99</b>	<b>3.92</b>	<b>3.87</b>	<b>3.81</b>	<b>3.76</b>	<b>3.72</b>	<b>3.67</b>	<b>3.63</b>
.1	.25	.21	.16	.12	.08	4.01	.94	.89	.83	.78	.74	.69	.65
.2	.28	.24	.19	.15	.11	.04	.97	.92	.86	.81	.77	.72	.68
.3	.30	.26	.21	.17	.13	.06	3.99	.94	.88	.83	.79	.74	.70
.4	.33	.29	.24	.20	.16	.09	4.02	.97	.91	.86	.82	.77	.73
.5	.35	.31	.26	.22	.18	.11	.04	3.99	.93	.88	.84	.79	.75
.6	.38	.34	.29	.25	.21	.14	.07	4.02	.96	.91	.87	.82	.78
.7	.40	.36	.31	.27	.23	.16	.09	.04	3.98	.93	.89	.84	.80
.8	.43	.39	.34	.30	.26	.19	.12	.07	4.01	.96	.92	.87	.83
.9	.45	.41	.36	.32	.28	.21	.14	.09	.03	3.98	.94	.89	.85
<b>14.0</b>	<b>4.48</b>	<b>4.44</b>	<b>4.39</b>	<b>4.35</b>	<b>4.31</b>	<b>4.24</b>	<b>4.17</b>	<b>4.12</b>	<b>4.06</b>	<b>4.01</b>	<b>3.97</b>	<b>3.92</b>	<b>3.88</b>
.1	.50	.46	.41	.37	.33	.26	.19	.14	.08	.03	3.99	.94	.90
.2	.53	.49	.44	.40	.36	.29	.22	.17	.11	.06	4.02	.97	.93
.3	.55	.51	.46	.42	.38	.31	.24	.19	.13	.08	.04	3.99	.95
.4	.58	.54	.49	.45	.41	.34	.27	.22	.16	.11	.07	4.02	.98
.5	.60	.56	.51	.47	.43	.36	.29	.24	.18	.13	.09	.04	4.00
.6	.63	.59	.54	.50	.46	.39	.32	.27	.21	.16	.11	.06	.02
.7	.65	.61	.56	.52	.48	.41	.34	.29	.23	.18	.14	.09	.05
.8	.68	.64	.59	.55	.51	.44	.37	.32	.26	.21	.16	.11	.07
.9	.70	.66	.61	.57	.53	.46	.39	.34	.28	.23	.19	.14	.10
<b>15.0</b>	<b>4.73</b>	<b>4.69</b>	<b>4.64</b>	<b>4.60</b>	<b>4.56</b>	<b>4.49</b>	<b>4.42</b>	<b>4.37</b>	<b>4.31</b>	<b>4.26</b>	<b>4.21</b>	<b>4.16</b>	<b>4.12</b>
.1	.75	.71	.66	.62	.58	.51	.44	.39	.33	.28	.24	.18	.14
.2	.78	.74	.69	.65	.61	.54	.47	.42	.36	.31	.26	.21	.17
.3	.80	.76	.71	.67	.63	.56	.49	.44	.38	.33	.29	.23	.19
.4	.82	.78	.74	.70	.66	.59	.52	.47	.41	.36	.31	.26	.22
.5	.84	.80	.76	.72	.68	.61	.54	.49	.43	.38	.34	.28	.24
.6	.87	.83	.78	.74	.70	.63	.57	.51	.45	.41	.37	.31	.26
.7	.89	.85	.81	.77	.73	.66	.59	.54	.48	.43	.39	.33	.29
.8	.91	.87	.83	.79	.75	.68	.62	.56	.50	.46	.42	.36	.31
.9	.94	.90	.86	.82	.78	.71	.64	.59	.53	.48	.44	.38	.34
<b>16.0</b>	<b>4.96</b>	<b>4.92</b>	<b>4.88</b>	<b>4.84</b>	<b>4.80</b>	<b>4.73</b>	<b>4.67</b>	<b>4.61</b>	<b>4.55</b>	<b>4.51</b>	<b>4.47</b>	<b>4.41</b>	<b>4.36</b>

**Example:**  $\sigma_0 = 12.57$ 

observed temperature =  $12^{\circ}70$   
adjustment =  $3^{\circ}90$   
adjusted temperature =  $16^{\circ}60$

t°	D	t°	D												
23.09	2.34	25.76	3.01	28.20	3.68	30.46	4.35	32.58	5.02	34.56	5.68	36.48	6.35		
23.14	2.35	25.80	3.02	28.23	3.69	30.49	4.36	32.61	5.03	34.59	5.69	36.51	6.36		
23.18	2.36	25.84	3.03	28.27	3.70	30.52	4.37	32.65	5.04	34.62	5.70	36.53	6.37		
23.22	2.37	25.88	3.04	28.30	3.71	30.56	4.38	32.68	5.05	34.65	5.71	36.56	6.38		
23.26	2.38	25.91	3.05	28.34	3.72	30.59	4.39	32.71	5.06	34.68	5.72	36.59	6.39		
23.30	2.39	25.95	3.06	28.37	3.73	30.62	4.40	32.74	5.07	34.71	5.73	36.61	6.40		
23.34	2.40	25.99	3.07	28.41	3.74	30.65	4.41	32.77	5.08	34.74	5.74	36.64	6.41		
23.39	2.41	26.03	3.08	28.44	3.75	30.69	4.42	32.80	5.09	34.76	5.75	36.67	6.42		
23.43	2.42	26.06	3.09	28.47	3.76	30.72	4.43	32.83	5.10	34.79	5.76	36.70	6.43		
23.47	2.43	26.10	3.10	28.51	3.77	30.75	4.44	32.86	5.11	34.82	5.77	36.72	6.44		
23.51	2.44	26.14	3.11	28.54	3.78	30.78	4.45	32.89	5.12	34.85	5.78	36.75	6.45		
23.55	2.45	26.18	3.12	28.58	3.79	30.82	4.46	32.92	5.13	34.88	5.79	36.78	6.46		
23.59	2.46	26.21	3.13	28.61	3.80	30.85	4.47	32.95	5.14	34.91	5.80	36.81	6.47		
23.63	2.47	26.25	3.14	28.65	3.81	30.88	4.48	32.98	5.15	34.94	5.81	36.83	6.48		
23.67	2.48	26.29	3.15	28.68	3.82	30.91	4.49	xxx	xxx	34.97	5.82	36.86	6.49		
23.72	2.49	26.33	3.16	28.72	3.83	30.95	4.50	33.01	5.16	35.00	5.83	36.89	6.50		
23.76	2.50	26.36	3.17	28.75	3.84	30.98	4.51	33.04	5.17	35.03	5.84	36.92	6.51		
23.80	2.51	26.40	3.18	28.79	3.85	31.01	4.52	33.07	5.18	35.06	5.85	36.95	6.52		
23.84	2.52	26.44	3.19	28.82	3.86	31.04	4.53	33.10	5.19	35.09	5.86				
23.88	2.53	26.47	3.20	28.85	3.87	31.07	4.54	33.13	5.20	35.11	5.87				
23.92	2.54	26.51	3.21	28.88	3.88	31.11	4.55	33.16	5.21	35.14	5.88				
23.96	2.55	26.55	3.22	28.92	3.89	31.14	4.56	33.19	5.22	35.17	5.89				
24.00	2.56	26.58	3.23	28.96	3.90	31.17	4.57	33.23	5.23	35.20	5.90				
24.04	2.57	26.62	3.24	28.99	3.91	31.20	4.58	33.26	5.24	35.23	5.91				
24.08	2.58	26.66	3.25	29.02	3.92	31.23	4.59	33.29	5.25	35.26	5.92				
24.12	2.59	26.69	3.26	29.06	3.93	31.27	4.60	33.32	5.26	35.29	5.93				
24.16	2.60	26.73	3.27	29.09	3.94	31.30	4.61	33.35	5.27	35.32	5.94				
24.20	2.61	26.77	3.28	29.13	3.95	31.33	4.62	33.38	5.28	35.35	5.95				
24.24	2.62	26.80	3.29	29.16	3.96	31.36	4.63	33.41	5.29	35.38	5.96				
24.28	2.63	26.84	3.30	29.19	3.97	31.39	4.64	33.44	5.30	35.40	5.97				
24.32	2.64	26.88	3.31	29.23	3.98	31.43	4.65	33.47	5.31	35.43	5.98				
24.36	2.65	26.91	3.32	29.26	3.99	31.46	4.66	33.50	5.32	35.46	5.99				
24.40	2.66	26.95	3.33	29.30	4.00	31.49	4.67	33.53	5.33	35.49	6.00				
24.44	2.67	26.99	3.34	29.33	4.01	31.52	4.68	33.56	5.34	35.52	6.01				
24.48	2.68	27.02	3.35	29.36	4.02	31.55	4.69	33.59	5.35	35.55	6.02				
24.52	2.69	27.06	3.36	29.40	4.03	31.59	4.70	33.62	5.36	35.58	6.03				
24.56	2.70	27.09	3.37	29.43	4.04	31.62	4.71	33.65	5.37	35.61	6.04				
24.60	2.71	27.13	3.38	29.46	4.05	31.65	4.72	33.68	5.38	35.64	6.05				
24.64	2.72	27.17	3.39	29.50	4.06	31.68	4.73	33.71	5.39	35.67	6.06				
24.68	2.73	27.20	3.40	29.53	4.07	31.71	4.74	33.74	5.40	35.69	6.07				
24.72	2.74	27.24	3.41	29.56	4.08	31.74	4.75	33.77	5.41	35.72	6.08				
24.76	2.75	27.28	3.42	29.60	4.09	31.77	4.76	33.80	5.42	35.75	6.09				
24.80	2.76	27.31	3.43	29.63	4.10	31.81	4.77	33.83	5.43	35.78	6.10				
24.84	2.77	27.35	3.44	29.66	4.11	31.84	4.78	33.86	5.44	35.81	6.11				
24.88	2.78	27.38	3.45	29.70	4.12	31.87	4.79	33.88	5.45	35.84	6.12				
24.91	2.79	27.42	3.46	29.73	4.13	31.90	4.80	33.91	5.46	35.87	6.13				
24.95	2.80	27.45	3.47	29.76	4.14	31.93	4.81	33.94	5.47	35.89	6.14				
24.99	2.81	27.49	3.48	29.80	4.15	31.96	4.82	33.97	5.48	35.92	6.15				
25.03	2.82	27.53	3.49	29.83	4.16	31.99	4.83	34.00	5.49	35.95	6.16				
25.07	2.83	27.56	3.50	29.86	4.17	32.03	4.84	34.03	5.50	35.98	6.17				
25.11	2.84	27.60	3.51	29.90	4.18	32.06	4.85	34.06	5.51	36.01	6.18				
25.15	2.85	27.63	3.52	29.93	4.19	32.09	4.86	34.09	5.52	36.04	6.19				
25.19	2.86	27.67	3.53	29.96	4.20	32.12	4.87	34.12	5.53	36.06	6.20				
25.23	2.87	27.70	3.54	30.00	4.21	32.15	4.88	34.15	5.54	36.09	6.21				
25.26	2.88	27.74	3.55	30.03	4.22	32.18	4.89	34.18	5.55	36.12	6.22				
25.30	2.89	27.77	3.56	30.06	4.23	32.21	4.90	34.21	5.56	36.15	6.23				
25.34	2.90	27.81	3.57	30.10	4.24	32.24	4.91	34.24	5.57	36.17	6.24				
25.38	2.91	27.85	3.58	30.13	4.25	32.27	4.92	34.27	5.58	36.20	6.25				
25.42	2.92	27.88	3.59	30.16	4.26	32.31	4.93	34.30	5.59	36.23	6.26				
25.46	2.93	27.92	3.60	30.20	4.27	32.34	4.94	34.33	5.60	36.26	6.27				
25.50	2.94	27.95	3.61	30.23	4.28	32.37	4.95	34.36	5.61	36.28	6.28				
25.53	2.95	27.99	3.62	30.26	4.29	32.40	4.96	34.39	5.62	36.31	6.29				
25.57	2.96	28.02	3.63	30.29	4.30	32.43	4.97	34.42	5.63	36.34	6.30				
25.61	2.97	28.06	3.64	30.33	4.31	32.46	4.98	34.44	5.64	36.37	6.31				
25.65	2.98	28.09	3.65	30.36	4.32	32.49	4.99	34.47	5.65	36.39	6.32				
25.69	2.99	28.13	3.66	30.39	4.33	32.52	5.00	34.50	5.66	36.42	6.33				
25.72	3.00	28.16	3.67	30.43	4.34	32.55	5.01	34.53	5.67	36.45	6.34				
25.76	3.01	28.20	3.68	30.46	4.35	32.58	5.02	34.56	5.68	36.48	6.35				

This Table is not to be used to calculate D for temperatures higher than 33°.00 C.

### Example:

D = 5.52 for the temperature range 34°.09 to 34°.11, both included.

	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°	33°
<b>11.0</b>	<b>3.12</b>	<b>3.09</b>	<b>3.05</b>	<b>3.03</b>	<b>3.00</b>	<b>2.97</b>	<b>2.94</b>	<b>2.92</b>	<b>2.89</b>	<b>2.88</b>	<b>2.86</b>	<b>2.84</b>	<b>2.82</b>	<b>2.81</b>
.1	.45	.41	.38	.35	.32	.29	.26	.24	.22	.20	.18	.16	.14	.12
.2	.47	.44	.40	.38	.35	.32	.29	.27	.25	.23	.21	.19	.17	.15
.3	.20	.16	.13	.10	.07	.04	.01	.00	.00	.00	.00	.00	.00	.00
.4	.22	.19	.15	.13	.10	.07	.04	.02	.00	.00	.00	.00	.00	.00
.5	.25	.21	.18	.15	.12	.09	.06	.04	.01	.00	.00	.00	.00	.00
.6	.28	.24	.21	.18	.15	.12	.09	.06	.04	.02	.00	.00	.00	.00
.7	.30	.26	.23	.20	.17	.14	.11	.09	.06	.05	.03	.00	.00	.00
.8	.33	.29	.26	.23	.20	.17	.14	.11	.09	.07	.05	.02	.00	.00
.9	.35	.31	.28	.25	.22	.19	.16	.14	.11	.10	.07	.05	.03	.02
<b>12.0</b>	<b>3.38</b>	<b>3.34</b>	<b>3.31</b>	<b>3.28</b>	<b>3.25</b>	<b>3.22</b>	<b>3.19</b>	<b>3.16</b>	<b>3.14</b>	<b>3.12</b>	<b>3.10</b>	<b>3.07</b>	<b>3.05</b>	<b>3.04</b>
.1	.40	.36	.33	.30	.27	.24	.21	.18	.16	.14	.12	.09	.07	.06
.2	.43	.39	.36	.33	.30	.27	.24	.21	.19	.17	.15	.12	.10	.09
.3	.45	.41	.38	.35	.32	.29	.26	.23	.21	.19	.17	.14	.12	.11
.4	.48	.44	.41	.38	.35	.32	.29	.26	.24	.22	.19	.17	.15	.13
.5	.50	.46	.43	.40	.37	.34	.31	.28	.26	.24	.21	.19	.17	.15
.6	.53	.49	.46	.43	.39	.36	.33	.31	.28	.26	.24	.21	.19	.18
.7	.55	.51	.48	.45	.42	.39	.36	.33	.31	.29	.26	.24	.22	.20
.8	.58	.54	.51	.48	.44	.41	.38	.36	.33	.31	.28	.26	.24	.22
.9	.60	.56	.53	.50	.47	.44	.41	.38	.36	.34	.31	.29	.27	.25
<b>13.0</b>	<b>3.63</b>	<b>3.59</b>	<b>3.56</b>	<b>3.53</b>	<b>3.49</b>	<b>3.46</b>	<b>3.43</b>	<b>3.41</b>	<b>3.38</b>	<b>3.36</b>	<b>3.33</b>	<b>3.31</b>	<b>3.29</b>	<b>3.27</b>
.1	.65	.61	.58	.55	.51	.48	.45	.43	.40	.38	.35	.33	.31	.29
.2	.68	.64	.61	.58	.54	.51	.48	.46	.43	.41	.38	.36	.34	.31
.3	.70	.66	.63	.60	.56	.53	.50	.48	.45	.43	.40	.38	.36	.34
.4	.73	.69	.66	.63	.59	.56	.53	.50	.48	.45	.43	.40	.38	.36
.5	.75	.71	.68	.65	.61	.58	.55	.52	.50	.47	.45	.42	.40	.38
.6	.78	.74	.70	.67	.63	.60	.57	.55	.52	.50	.47	.45	.43	.40
.7	.80	.76	.73	.70	.66	.63	.60	.57	.55	.52	.50	.47	.45	.42
.8	.83	.79	.75	.72	.68	.65	.62	.59	.57	.54	.52	.49	.47	.45
.9	.85	.81	.78	.75	.71	.68	.65	.62	.60	.57	.55	.52	.50	.47
<b>14.0</b>	<b>3.88</b>	<b>3.84</b>	<b>3.80</b>	<b>3.77</b>	<b>3.73</b>	<b>3.70</b>	<b>3.67</b>	<b>3.64</b>	<b>3.62</b>	<b>3.59</b>	<b>3.57</b>	<b>3.54</b>	<b>3.52</b>	<b>3.49</b>
.1	.90	.86	.82	.79	.75	.72	.69	.66	.64	.61	.59	.56	.54	.51
.2	.93	.89	.85	.82	.78	.75	.72	.69	.67	.64	.62	.59	.57	.54
.3	.95	.91	.87	.84	.80	.77	.74	.71	.69	.66	.64	.61	.59	.56
.4	3.98	.94	.90	.87	.83	.80	.77	.74	.71	.68	.66	.63	.61	.58
.5	4.00	.96	.92	.89	.85	.82	.79	.76	.73	.70	.68	.65	.63	.60
.6	.02	3.98	.95	.91	.87	.84	.81	.78	.76	.73	.71	.68	.66	.63
.7	.05	4.01	3.97	.94	.90	.87	.84	.81	.78	.75	.73	.70	.68	.65
.8	.07	.03	4.00	.96	.92	.89	.86	.83	.80	.77	.75	.72	.70	.67
.9	.10	.06	.02	3.99	.95	.92	.89	.86	.83	.80	.78	.75	.73	.70
<b>15.0</b>	<b>4.12</b>	<b>4.08</b>	<b>4.05</b>	<b>4.01</b>	<b>3.97</b>	<b>3.94</b>	<b>3.91</b>	<b>3.88</b>	<b>3.85</b>	<b>3.82</b>	<b>3.80</b>	<b>3.77</b>	<b>3.75</b>	<b>3.72</b>
.1	.14	.10	.07	.03	3.99	.96	.93	.90	.87	.84	.82	.79	.77	.74
.2	.17	.13	.10	.06	4.02	3.99	.96	.93	.90	.87	.84	.82	.80	.76
.3	.19	.15	.12	.08	.04	4.01	3.98	.95	.92	.89	.87	.84	.82	.79
.4	.22	.18	.14	.11	.07	.03	4.00	.97	.94	.92	.89	.86	.84	.81
.5	.24	.20	.16	.13	.09	.05	.02	3.99	.96	.94	.91	.88	.86	.83
.6	.26	.22	.19	.15	.11	.08	.05	4.02	3.99	.96	.93	.91	.89	.85
.7	.29	.25	.21	.18	.14	.10	.07	.04	4.01	3.99	.95	.93	.91	.87
.8	.34	.27	.23	.20	.16	.12	.09	.06	.03	4.01	3.98	.95	.93	.90
.9	.34	.30	.26	.23	.19	.15	.12	.09	.06	.04	4.00	3.98	.96	.92
<b>16.0</b>	<b>4.36</b>	<b>4.32</b>	<b>4.28</b>	<b>4.25</b>	<b>4.21</b>	<b>4.17</b>	<b>4.14</b>	<b>4.11</b>	<b>4.08</b>	<b>4.06</b>	<b>4.02</b>	<b>4.00</b>	<b>3.98</b>	<b>3.94</b>

**Example:**  $\sigma_0 = 14.92$ observed temperature =  $30^\circ.32$ adjustment  $= 3^\circ.77$ adjusted temperature =  $34^\circ.09$

— x —

0.00

— X —

**28.00**

$t^{\circ}$	D
-1.26	0.05
-0.96	0.04
-0.70	0.03
-0.48	0.02
-0.27	0.01
-0.08	0.00
0.10	0.01
0.28	0.02
0.46	0.03
0.63	0.04
0.79	0.05
0.94	0.06
1.09	0.07
1.24	0.08
1.38	0.09
1.52	0.10
1.65	0.11
1.78	0.12
1.91	0.13
2.04	0.14
2.16	0.15
2.28	0.16
2.40	0.17
2.52	0.18
2.64	0.19
2.75	0.20
2.86	0.21
2.97	0.22
3.08	0.23
3.18	0.24
3.29	0.25
3.39	0.26
3.49	0.27

**Example:**

D = 0.05 for the temperature range  $0^{\circ}.79$  to  $0^{\circ}.93$ , both included.

	-2°.0	-1°.8	-1°.6	-1°.4	-1°.2	-1°.0	-0°.8	-0°.6	-0°.4	-0°.2	0°.0
<b>16.0</b>	<b>2.4</b>	<b>2.1</b>	<b>1.8</b>	<b>1.6</b>	<b>1.3</b>	<b>1.05</b>	<b>0.85</b>	<b>0.60</b>	<b>0.40</b>	<b>0.20</b>	<b>0.00</b>
.5	.3	.4	.8	.5	.3	.05	.80	.60	.40	.20	.00
17.0	.3	2.0	.7	.4	.2	1.00	.75	.55	.35	.20	.00
.5	.2	1.9	.7	.4	.2	0.95	.75	.55	.35	.20	.00
18.0	.1	.9	.6	.4	.1	.90	.70	.50	.35	.15	.00
.5	.0	.8	.5	.3	.1	.85	.70	.50	.30	.15	.00
19.0	2.0	.7	.5	.2	.0	.80	.65	.45	.30	.15	.00
.5	1.9	.6	.4	.2	1.0	.80	.60	.45	.30	.15	.00
<b>20.0</b>	<b>1.8</b>	<b>1.6</b>	<b>1.3</b>	<b>1.1</b>	<b>0.9</b>	<b>0.75</b>	<b>0.60</b>	<b>0.40</b>	<b>0.25</b>	<b>0.15</b>	<b>0.00</b>
.5	.7	.5	.3	.1	.9	.70	.55	.40	.25	.15	.00
21.0	.6	.4	.2	.0	.8	.65	.55	.35	.20	.10	.00
.5	.5	.3	.4	1.0	.8	.65	.50	.35	.20	.10	.00
22.0	.5	.3	.4	0.9	.7	.60	.45	.35	.20	.10	.00
.5	.4	.2	1.0	.8	.7	.55	.40	.30	.20	.10	.00
23.0	.3	.4	0.9	.8	.7	.50	.40	.25	.20	.10	.00
.5	.2	1.0	.8	.7	.6	.45	.35	.25	.15	.10	.00
<b>24.0</b>	<b>1.0</b>	<b>0.9</b>	<b>0.8</b>	<b>0.6</b>	<b>0.5</b>	<b>0.40</b>	<b>0.30</b>	<b>0.25</b>	<b>0.15</b>	<b>0.05</b>	<b>0.00</b>
	0°.0	0°.2	0°.4	0°.6	0°.8	1°.0	1°.2	1°.4	1°.6	1°.8	2°.0
<b>16.0</b>	<b>0.00</b>	<b>-0.15</b>	<b>-0.35</b>	<b>-0.50</b>	<b>-0.65</b>	<b>-0.75</b>	<b>-0.90</b>	<b>-1.00</b>	<b>-1.10</b>	<b>-1.20</b>	<b>-1.30</b>
.5	.00	.45	.30	.50	.60	.75	.85	.95	.05	.15	.20
17.0	.00	.45	.30	.45	.60	.70	.80	.90	-1.00	.05	.45
.5	.00	.45	.30	.45	.55	.65	.75	.85	.95	-1.00	.40
18.0	.00	.45	.30	.40	.50	.65	.70	.80	.90	-0.95	.05
.5	.00	.45	.25	.40	.50	.60	.65	.75	.85	.90	-1.00
19.0	.00	.40	.25	.35	.45	.55	.60	.70	.80	.85	-0.90
.5	.00	.40	.20	.30	.40	.50	.60	.65	.75	.80	.85
<b>20.0</b>	<b>0.00</b>	<b>-0.08</b>	<b>-0.17</b>	<b>-0.28</b>	<b>-0.36</b>	<b>-0.47</b>	<b>-0.55</b>	<b>-0.63</b>	<b>-0.70</b>	<b>-0.77</b>	<b>-0.82</b>
.5	.00	.08	.47	.28	.35	.44	.51	.58	.65	.71	.76
21.0	.00	.08	.47	.27	.34	.40	.47	.53	.60	.65	.70
.5	.00	.08	.47	.25	.32	.37	.44	.50	.55	.60	.65
22.0	.00	.08	.46	.23	.29	.35	.41	.46	.51	.55	.59
.5	.00	.07	.45	.21	.27	.32	.37	.42	.47	.50	.54
23.0	.00	.06	.44	.19	.24	.29	.33	.38	.42	.45	.48
.5	.00	.06	.42	.17	.22	.26	.30	.34	.38	.41	.44
<b>24.0</b>	<b>0.00</b>	<b>-0.05</b>	<b>-0.10</b>	<b>-0.14</b>	<b>-0.19</b>	<b>-0.23</b>	<b>-0.26</b>	<b>-0.29</b>	<b>-0.33</b>	<b>-0.36</b>	<b>-0.39</b>
	2°.0	2°.2	2°.4	2°.6	2°.8	3°.0	3°.2	3°.4	3°.6	3°.8	4°.0
<b>16.0</b>	<b>-1.30</b>	<b>-1.40</b>	<b>-1.45</b>	<b>-1.55</b>	<b>-1.60</b>	<b>-1.70</b>	<b>-1.75</b>	<b>-1.80</b>	<b>-1.85</b>	<b>-1.90</b>	<b>-1.95</b>
.5	.20	.30	.40	.45	.50	.60	.65	.70	.75	.80	.85
17.0	.45	.25	.30	.40	.45	.50	.55	.60	.65	.70	.75
.5	.40	.20	.25	.30	.35	.45	.50	.55	.60	.65	.65
18.0	.05	.40	.45	.25	.30	.35	.40	.45	.50	.55	.55
.5	-1.00	-1.05	.10	.15	.20	.25	.30	.35	.40	.45	.45
19.0	-0.90	-0.95	.05	.10	.15	.20	.25	.30	.30	.35	.40
.5	.85	.95	-1.00	-1.05	.40	.40	.45	.20	.25	.25	.30
<b>20.0</b>	<b>-0.82</b>	<b>-0.88</b>	<b>-0.92</b>	<b>-0.98</b>	<b>-1.01</b>	<b>-1.05</b>	<b>-1.09</b>	<b>-1.13</b>	<b>-1.15</b>	<b>-1.17</b>	<b>-1.21</b>
.5	.76	.82	.86	.89	.94	.98	1.02	1.05	1.07	.40	.43
21.0	.70	.75	.79	.83	.86	.90	.93	.96	.98	1.02	-1.04
.5	.65	.70	.73	.77	.80	.84	.86	.89	.91	-0.94	-0.96
22.0	.59	.64	.67	.71	.74	.77	.79	.81	.84	.86	.88
.5	.54	.58	.61	.64	.67	.70	.72	.74	.76	.78	.80
23.0	.48	.51	.54	.57	.60	.62	.64	.66	.68	.70	.72
.5	.44	.47	.49	.51	.54	.56	.57	.59	.61	.63	.65
<b>24.0</b>	<b>-0.39</b>	<b>-0.42</b>	<b>-0.44</b>	<b>-0.45</b>	<b>-0.47</b>	<b>-0.49</b>	<b>-0.50</b>	<b>-0.52</b>	<b>-0.54</b>	<b>-0.56</b>	<b>-0.57</b>

**Example:**  $\sigma_0 = 21.25$ 

$$\begin{array}{l} \text{observed temperature} = 1^{\circ}.30 \\ \text{adjustment} = -0^{\circ}.49 \\ \hline \text{adjusted temperature} = 0^{\circ}.81 \end{array}$$

t°	D	t°	D
2.04	0.14	7.84	0.81
2.16	0.15	7.91	0.82
2.28	0.16	7.97	0.83
2.40	0.17	8.04	0.84
2.52	0.18	8.11	0.85
2.64	0.19	8.17	0.86
2.75	0.20	8.24	0.87
2.86	0.21	8.30	0.88
2.97	0.22	8.37	0.89
3.08	0.23	8.43	0.90
3.18	0.24	8.50	0.91
3.29	0.25	8.56	0.92
3.39	0.26	8.62	0.93
3.49	0.27		
3.59	0.28		
3.69	0.29		
3.79	0.30		
3.89	0.31		
3.98	0.32		
4.08	0.33		
4.17	0.34		
4.26	0.35		
4.35	0.36		
4.45	0.37		
4.54	0.38		
4.63	0.39		
4.71	0.40		
4.80	0.41		
4.89	0.42		
4.97	0.43		
5.06	0.44		
5.15	0.45		
5.23	0.46		
5.31	0.47		
5.40	0.48		
5.48	0.49		
5.56	0.50		
5.64	0.51		
5.72	0.52		
5.80	0.53		
5.88	0.54		
5.96	0.55		
6.04	0.56		
6.12	0.57		
6.19	0.58		
6.27	0.59		
6.35	0.60		
6.42	0.61		
6.50	0.62		
6.57	0.63		
6.64	0.64		
6.72	0.65		
6.79	0.66		
6.86	0.67		
6.94	0.68		
7.01	0.69		
7.08	0.70		
7.15	0.71		
7.22	0.72		
7.29	0.73		
7.36	0.74		
7.43	0.75		
7.50	0.76		
7.57	0.77		
7.64	0.78		
7.71	0.79		
7.77	0.80		
7.84	0.81		

**Example:**

D = 0.28 for the temperature range 3°.59 to 3°.68, both included.

	$4^{\circ}$	$4^{\circ}.5$	$5^{\circ}$	$5^{\circ}.5$	$6^{\circ}$	$6^{\circ}.5$	$7^{\circ}$	$7^{\circ}.5$	$8^{\circ}$	$8^{\circ}.5$	$9^{\circ}$	$9^{\circ}.5$	$10^{\circ}$
<b>16.0</b>	<b>1.94</b>	<b>2.04</b>	<b>2.12</b>	<b>2.20</b>	<b>2.27</b>	<b>2.33</b>	<b>2.38</b>	<b>2.43</b>	<b>2.47</b>	<b>2.50</b>	<b>2.53</b>	<b>2.56</b>	<b>2.60</b>
.1	.92	.02	.10	.18	.25	.31	.36	.41	.45	.48	.51	.54	.57
.2	.90	—2.00	.08	.46	.23	.29	.34	.38	.42	.45	.48	.51	.55
.3	.88	—1.98	.06	.44	.21	.26	.31	.36	.40	.43	.46	.49	.52
.4	.86	.96	.04	.42	.19	.24	.29	.33	.37	.41	.44	.46	.50
.5	.84	.94	.02	.40	.16	.22	.27	.31	.35	.38	.41	.44	.47
.6	.82	.92	—2.01	.08	.14	.20	.25	.29	.33	.36	.39	.42	.44
.7	.80	.90	—1.99	.06	.12	.18	.23	.26	.30	.34	.37	.39	.42
.8	.78	.88	.97	.04	.10	.15	.20	.24	.28	.32	.35	.37	.39
.9	.76	.86	.95	.02	.08	.13	.18	.21	.25	.29	.32	.34	.37
<b>17.0</b>	<b>1.74</b>	<b>1.84</b>	<b>1.93</b>	<b>2.00</b>	<b>2.06</b>	<b>2.11</b>	<b>2.16</b>	<b>2.19</b>	<b>2.23</b>	<b>2.27</b>	<b>2.30</b>	<b>2.32</b>	<b>2.34</b>
.1	.72	.82	.91	—1.98	.04	.09	.14	.17	.21	.25	.28	.30	.32
.2	.70	.80	.89	.96	—2.01	.07	.11	.14	.18	.22	.25	.27	.29
.3	.69	.78	.87	.94	—1.99	.04	.09	.12	.16	.20	.23	.25	.27
.4	.67	.76	.85	.92	.97	.02	.07	.10	.14	.17	.20	.22	.25
.5	.65	.74	.83	.89	.94	—2.00	.04	.07	.11	.15	.18	.20	.22
.6	.63	.73	.81	.87	.92	—1.98	.02	.05	.09	.13	.16	.18	.20
.7	.61	.71	.79	.85	.90	.96	—2.00	.03	.07	.10	.13	.15	.18
.8	.60	.69	.77	.83	.88	.93	—1.98	.05	.08	.11	.13	.16	
.9	.58	.67	.75	.81	.85	.91	.95	.98	.02	.05	.08	.10	.13
<b>18.0</b>	<b>1.56</b>	<b>1.65</b>	<b>1.73</b>	<b>1.79</b>	<b>1.83</b>	<b>1.89</b>	<b>1.93</b>	<b>1.96</b>	<b>2.00</b>	<b>2.03</b>	<b>2.06</b>	<b>2.08</b>	<b>2.11</b>
.1	.54	.63	.71	.77	.81	.87	.91	.94	—1.98	.01	.04	.06	.09
.2	.52	.61	.69	.75	.79	.85	.89	.92	.96	—1.99	—2.02	.04	.06
.3	.51	.59	.67	.73	.77	.83	.87	.90	.93	.96	—1.99	—2.01	.04
.4	.49	.57	.65	.71	.75	.81	.85	.88	.91	.94	.97	—1.99	—2.01
.5	.47	.55	.63	.69	.73	.78	.82	.85	.89	.92	.95	.97	—1.99
.6	.45	.54	.61	.67	.72	.76	.80	.83	.87	.90	.93	.95	.97
.7	.43	.52	.59	.65	.70	.74	.78	.81	.85	.88	.91	.93	.94
.8	.42	.50	.57	.63	.68	.72	.76	.79	.82	.85	.88	.90	.92
.9	.40	.48	.55	.61	.66	.70	.74	.77	.80	.83	.86	.88	.89
<b>19.0</b>	<b>1.38</b>	<b>1.46</b>	<b>1.53</b>	<b>1.59</b>	<b>1.64</b>	<b>1.68</b>	<b>1.72</b>	<b>1.75</b>	<b>1.78</b>	<b>1.81</b>	<b>1.84</b>	<b>1.86</b>	<b>1.87</b>
.1	.36	.44	.51	.57	.62	.66	.70	.73	.76	.79	.82	.84	.85
.2	.35	.42	.49	.55	.60	.64	.68	.71	.74	.77	.79	.81	.83
.3	.33	.41	.47	.53	.58	.62	.66	.69	.71	.74	.77	.79	.80
.4	.31	.39	.45	.51	.56	.60	.64	.67	.69	.72	.75	.77	.78
.5	.29	.37	.43	.49	.54	.58	.61	.64	.67	.70	.72	.74	.76
.6	.28	.35	.42	.47	.52	.56	.59	.62	.65	.68	.70	.72	.74
.7	.26	.33	.40	.45	.50	.54	.57	.60	.63	.66	.68	.70	.72
.8	.24	.32	.38	.43	.48	.52	.55	.58	.60	.63	.66	.68	.69
.9	.23	.30	.36	.41	.46	.50	.53	.56	.58	.61	.63	.65	.67
<b>20.0</b>	<b>1.21</b>	<b>1.28</b>	<b>1.34</b>	<b>1.39</b>	<b>1.44</b>	<b>1.48</b>	<b>1.51</b>	<b>1.54</b>	<b>1.56</b>	<b>1.59</b>	<b>1.61</b>	<b>1.63</b>	<b>1.65</b>
.1	.19	.26	.32	.37	.42	.46	.49	.52	.54	.57	.59	.61	.63
.2	.18	.24	.30	.35	.40	.44	.47	.50	.52	.55	.57	.59	.61
.3	.16	.23	.28	.33	.38	.42	.45	.47	.50	.52	.55	.56	.58
.4	.14	.21	.26	.31	.36	.40	.43	.45	.48	.50	.53	.54	.56
.5	.13	.19	.24	.29	.34	.37	.40	.43	.45	.48	.50	.52	.54
.6	.11	.17	.23	.28	.32	.35	.38	.41	.43	.46	.48	.50	.52
.7	.09	.15	.21	.26	.30	.33	.36	.39	.41	.44	.46	.48	.50
.8	.07	.14	.19	.24	.28	.31	.34	.36	.39	.41	.44	.45	.47
.9	.06	.12	.17	.22	.26	.29	.32	.34	.37	.39	.42	.43	.45
<b>21.0</b>	<b>1.04</b>	<b>1.10</b>	<b>1.15</b>	<b>1.20</b>	<b>1.24</b>	<b>1.27</b>	<b>1.30</b>	<b>1.32</b>	<b>1.35</b>	<b>1.37</b>	<b>1.40</b>	<b>1.41</b>	<b>1.43</b>

**Example:**  $\sigma_0 = 19.17$ observed temperature =  $5^{\circ}40$ adjustment =  $-4^{\circ}54$ adjusted temperature =  $3^{\circ}59$

t°	D	t°	D	t°	D	t°	D
7.36	0.74	11.42	1.41	14.75	2.08	17.66	2.75
7.43	0.75	11.48	1.42	14.79	2.09	17.70	2.76
7.50	0.76	11.53	1.43	14.84	2.10	17.74	2.77
7.57	0.77	11.58	1.44	14.89	2.11	17.78	2.78
7.64	0.78	11.64	1.45	14.93	2.12	17.82	2.79
7.71	0.79	11.69	1.46	14.98	2.13	17.86	2.80
7.77	0.80	11.74	1.47	15.02	2.14	17.90	2.81
7.84	0.81	11.80	1.48	15.07	2.15	17.94	2.82
7.91	0.82	11.85	1.49	15.11	2.16	17.98	2.83
7.97	0.83	11.90	1.50	15.16	2.17	18.02	2.84
8.04	0.84	11.95	1.51	15.20	2.18	18.07	2.85
8.11	0.85	12.01	1.52	15.25	2.19	18.11	2.86
8.17	0.86	12.06	1.53	15.30	2.20	18.15	2.87
8.24	0.87	12.11	1.54	15.34	2.21	18.19	2.88
8.30	0.88	12.16	1.55	15.39	2.22	18.23	2.89
8.37	0.89	12.21	1.56	15.43	2.23	18.27	2.90
8.43	0.90	12.27	1.57	15.47	2.24	18.31	2.91
8.50	0.91	12.32	1.58	15.52	2.25	18.35	2.92
8.56	0.92	12.37	1.59	15.56	2.26	18.39	2.93
8.62	0.93	12.42	1.60	15.61	2.27	18.43	2.94
8.69	0.94	12.47	1.61	15.65	2.28	18.47	2.95
8.75	0.95	12.52	1.62	15.70	2.29		
8.81	0.96	12.57	1.63	15.74	2.30		
8.88	0.97	12.62	1.64	15.79	2.31		
8.94	0.98	12.67	1.65	15.83	2.32		
9.00	0.99	12.72	1.66	15.87	2.33		
9.06	1.00	12.78	1.67	15.92	2.34		
9.12	1.01	12.83	1.68	15.96	2.35		
9.19	1.02	12.88	1.69	16.00	2.36		
9.25	1.03	12.93	1.70	16.05	2.37		
9.31	1.04	12.98	1.71	16.09	2.38		
9.37	1.05	13.03	1.72	16.14	2.39		
9.43	1.06	13.07	1.73	16.18	2.40		
9.49	1.07	13.12	1.74	16.22	2.41		
9.55	1.08	13.17	1.75	16.27	2.42		
9.61	1.09	13.22	1.76	16.31	2.43		
9.67	1.10	13.27	1.77	16.35	2.44		
9.73	1.11	13.32	1.78	16.40	2.45		
9.79	1.12	13.37	1.79	16.44	2.46		
9.85	1.13	13.42	1.80	16.48	2.47		
9.91	1.14	13.47	1.81	16.52	2.48		
9.97	1.15	13.52	1.82	16.57	2.49		
10.02	1.16	13.56	1.83	16.61	2.50		
10.08	1.17	13.61	1.84	16.65	2.51		
10.14	1.18	13.66	1.85	16.70	2.52		
10.20	1.19	13.71	1.86	16.74	2.53		
10.26	1.20	13.76	1.87	16.78	2.54		
10.31	1.21	13.81	1.88	16.82	2.55		
10.37	1.22	13.85	1.89	16.87	2.56		
10.43	1.23	13.90	1.90	16.91	2.57		
10.49	1.24	13.95	1.91	16.95	2.58		
10.54	1.25	14.00	1.92	16.99	2.59		
10.60	1.26	14.04	1.93	17.03	2.60		
10.66	1.27	14.09	1.94	17.08	2.61		
10.71	1.28	14.14	1.95	17.12	2.62		
10.77	1.29	14.19	1.96	17.16	2.63		
10.82	1.30	14.23	1.97	17.20	2.64		
10.88	1.31	14.28	1.98	17.24	2.65		
10.93	1.32	14.33	1.99	17.29	2.66		
10.99	1.33	14.37	2.00	17.33	2.67		
11.04	1.34	14.42	2.01	17.37	2.68		
11.10	1.35	14.47	2.02	17.41	2.69		
11.15	1.36	14.52	2.03	17.45	2.70		
11.21	1.37	14.56	2.04	17.49	2.71		
11.26	1.38	14.61	2.05	17.53	2.72		
11.32	1.39	14.65	2.06	17.58	2.73		
11.37	1.40	14.70	2.07	17.62	2.74		
11.42	1.41	14.75	2.08	17.66	2.75		

**Example:**

D = 2.01 for the temperature range 14°.42 to 14°.46, both included.

	10°	10°.5	11°	11°.5	12°	13°	14°	15°	16°	17°	18°	19°	20°
<b>16.0</b>	<b>2.60</b>	<b>2.62</b>	<b>2.63</b>	<b>2.65</b>	<b>2.67</b>	<b>2.69</b>	<b>2.71</b>	<b>2.73</b>	<b>2.74</b>	<b>2.75</b>	<b>2.76</b>	<b>2.76</b>	<b>2.76</b>
.1	.59	.59	.61	.63	.64	.66	.68	.70	.72	.72	.73	.73	.73
.2	.55	.57	.58	.60	.62	.64	.66	.68	.69	.70	.71	.71	.71
.3	.52	.54	.56	.58	.59	.61	.63	.65	.67	.67	.68	.68	.68
.4	.50	.52	.53	.55	.57	.59	.61	.63	.64	.65	.66	.66	.66
.5	.47	.49	.51	.53	.54	.56	.58	.60	.62	.62	.63	.63	.63
.6	.44	.47	.49	.51	.52	.54	.56	.58	.60	.60	.60	.61	.61
.7	.42	.44	.46	.48	.49	.51	.53	.55	.57	.57	.58	.58	.58
.8	.39	.42	.44	.46	.47	.49	.51	.53	.55	.55	.55	.56	.56
.9	.37	.39	.41	.43	.44	.46	.48	.50	.52	.52	.53	.53	.53
<b>17.0</b>	<b>2.34</b>	<b>2.37</b>	<b>2.39</b>	<b>2.41</b>	<b>2.42</b>	<b>2.44</b>	<b>2.46</b>	<b>2.48</b>	<b>2.50</b>	<b>2.50</b>	<b>2.50</b>	<b>2.51</b>	<b>2.51</b>
.1	.32	.35	.37	.38	.39	.42	.44	.46	.47	.48	.48	.48	.49
.2	.29	.32	.34	.36	.37	.39	.41	.43	.45	.45	.45	.46	.46
.3	.27	.30	.32	.33	.34	.37	.39	.41	.42	.43	.43	.43	.44
.4	.25	.27	.29	.31	.32	.34	.36	.38	.40	.40	.40	.41	.41
.5	.22	.25	.27	.28	.29	.32	.34	.36	.37	.38	.38	.38	.39
.6	.20	.23	.25	.26	.27	.30	.32	.34	.35	.36	.36	.36	.37
.7	.18	.20	.22	.23	.24	.27	.29	.31	.32	.33	.33	.33	.34
.8	.16	.18	.20	.21	.22	.25	.27	.29	.30	.31	.31	.31	.32
.9	.13	.15	.17	.18	.19	.22	.24	.26	.27	.28	.28	.28	.29
<b>18.0</b>	<b>2.11</b>	<b>2.13</b>	<b>2.15</b>	<b>2.16</b>	<b>2.17</b>	<b>2.20</b>	<b>2.22</b>	<b>2.24</b>	<b>2.25</b>	<b>2.26</b>	<b>2.26</b>	<b>2.26</b>	<b>2.27</b>
.1	.09	.11	.13	.14	.15	.18	.20	.22	.23	.23	.24	.24	.24
.2	.06	.08	.10	.11	.12	.15	.17	.19	.20	.21	.21	.21	.22
.3	.04	.06	.08	.09	.10	.13	.15	.17	.18	.18	.19	.19	.19
.4	-2.01	.03	.05	.07	.08	.10	.13	.14	.15	.16	.16	.16	.17
.5	-1.99	-2.01	.03	.04	.05	.08	.10	.12	.13	.13	.14	.14	.14
.6	.97	-1.99	-2.02	.02	.03	.06	.08	.10	.11	.11	.12	.12	.12
.7	.94	.96	-1.98	-2.00	-2.01	.03	.06	.07	.08	.08	.09	.09	.09
.8	.92	.94	.96	-1.98	-1.99	-2.01	.04	.05	.06	.06	.07	.07	.07
.9	.89	.91	.93	.95	.96	-1.98	-2.01	.02	.03	.03	.04	.04	.04
<b>19.0</b>	<b>1.87</b>	<b>1.89</b>	<b>1.91</b>	<b>1.93</b>	<b>1.94</b>	<b>1.96</b>	<b>1.99</b>	<b>2.00</b>	<b>2.01</b>	<b>2.01</b>	<b>2.02</b>	<b>2.02</b>	<b>2.02</b>
.1	.85	.87	.89	.91	.92	.94	.97	-1.98	-1.99	-1.99	-2.00	-2.00	-2.00
.2	.83	.85	.87	.88	.89	.91	.94	.95	.96	.96	-1.97	-1.97	-1.97
.3	.80	.82	.84	.86	.87	.89	.92	.93	.94	.94	.95	.95	.95
.4	.78	.80	.82	.84	.85	.87	.89	.90	.91	.92	.92	.93	.93
.5	.76	.78	.80	.81	.82	.84	.87	.88	.89	.89	.90	.90	.90
.6	.74	.76	.78	.79	.80	.82	.85	.86	.87	.87	.88	.88	.88
.7	.72	.74	.76	.77	.78	.80	.82	.83	.84	.85	.85	.86	.86
.8	.69	.71	.73	.75	.76	.78	.80	.81	.82	.83	.83	.84	.84
.9	.67	.69	.71	.72	.73	.75	.77	.78	.79	.80	.80	.81	.81
<b>20.0</b>	<b>1.65</b>	<b>1.67</b>	<b>1.69</b>	<b>1.70</b>	<b>1.71</b>	<b>1.73</b>	<b>1.75</b>	<b>1.76</b>	<b>1.77</b>	<b>1.78</b>	<b>1.78</b>	<b>1.79</b>	<b>1.79</b>
.1	.63	.65	.67	.68	.69	.71	.73	.74	.75	.76	.76	.77	.77
.2	.61	.62	.64	.65	.66	.68	.70	.71	.72	.73	.73	.74	.74
.3	.58	.60	.62	.63	.64	.66	.68	.69	.70	.71	.71	.72	.72
.4	.56	.58	.60	.61	.62	.64	.66	.67	.68	.69	.69	.69	.69
.5	.54	.55	.57	.58	.59	.61	.63	.64	.65	.66	.66	.67	.67
.6	.52	.53	.55	.56	.57	.59	.61	.62	.63	.64	.64	.65	.65
.7	.50	.51	.53	.54	.55	.57	.59	.60	.61	.62	.62	.62	.62
.8	.47	.49	.51	.52	.53	.55	.57	.58	.59	.60	.60	.60	.60
.9	.45	.46	.48	.49	.50	.52	.54	.55	.56	.57	.57	.57	.57
<b>21.0</b>	<b>1.43</b>	<b>1.44</b>	<b>1.46</b>	<b>1.47</b>	<b>1.48</b>	<b>1.50</b>	<b>1.52</b>	<b>1.53</b>	<b>1.54</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>

**Example:**  $\sigma_0 = 17.92$ observed temperature =  $16^\circ.70$   
adjustment =  $-2^\circ.27$ adjusted temperature =  $14^\circ.43$

t°	D												
17.24	2.65	19.91	3.32	22.37	3.99	24.67	4.66	26.83	5.33	28.89	6.00	30.85	6.67
17.29	2.66	19.95	3.33	22.41	4.00	24.70	4.67	26.86	5.34	28.92	6.01	30.88	6.68
17.33	2.67	19.99	3.34	22.44	4.01	24.73	4.68	26.89	5.35	28.95	6.02	30.91	6.69
17.37	2.68	20.03	3.35	22.48	4.02	24.77	4.69	26.93	5.36	28.98	6.03	30.94	6.70
17.41	2.69	20.06	3.36	22.51	4.03	24.80	4.70	26.96	5.37	29.01	6.04	30.97	6.71
17.45	2.70	20.10	3.37	22.55	4.04	24.83	4.71	26.99	5.38	29.04	6.05	30.99	6.72
17.49	2.71	20.14	3.38	22.58	4.05	24.87	4.72	27.02	5.39	29.07	6.06	31.02	6.73
17.53	2.72	20.18	3.39	22.62	4.06	24.90	4.73	27.05	5.40	29.10	6.07	31.05	6.74
17.58	2.73	20.22	3.40	22.65	4.07	24.93	4.74	27.08	5.41	29.13	6.08	31.08	6.75
17.62	2.74	20.25	3.41	22.69	4.08	24.96	4.75	27.11	5.42	29.16	6.09	31.11	6.76
17.66	2.75	20.29	3.42	22.72	4.09	25.00	4.76	27.14	5.43	29.19	6.10	31.14	6.77
17.70	2.76	20.33	3.43	22.76	4.10	25.03	4.77	27.18	5.44	29.22	6.11	31.17	6.78
17.74	2.77	20.37	3.44	22.79	4.11	25.06	4.78	27.21	5.45	29.25	6.12	31.19	6.79
17.78	2.78	20.40	3.45	22.83	4.12	25.10	4.79	27.24	5.46	29.27	6.13	31.22	6.80
17.82	2.79	20.44	3.46	22.86	4.13	25.13	4.80	27.27	5.47	29.30	6.14	31.25	6.81
17.86	2.80	20.48	3.47	22.90	4.14	25.16	4.81	27.30	5.48	29.33	6.15	31.28	6.82
17.90	2.81	20.52	3.48	22.93	4.15	25.19	4.82	27.33	5.49	29.36	6.16	31.31	6.83
17.94	2.82	20.55	3.49	22.97	4.16	25.23	4.83	27.36	5.50	29.39	6.17	31.34	6.84
17.98	2.83	20.59	3.50	23.00	4.17	25.26	4.84	27.39	5.51	29.42	6.18	31.37	6.85
18.02	2.84	20.63	3.51	23.04	4.18	25.29	4.85	27.42	5.52	29.45	6.19	31.39	6.86
18.07	2.85	20.66	3.52	23.07	4.19	25.33	4.86	27.46	5.53	29.48	6.20	31.42	6.87
18.11	2.86	20.70	3.53	23.11	4.20	25.36	4.87	27.49	5.54	29.51	6.21	31.45	6.88
18.15	2.87	20.74	3.54	23.14	4.21	25.39	4.88	27.52	5.55	29.54	6.22	31.48	6.89
18.19	2.88	20.78	3.55	23.17	4.22	25.42	4.89	27.55	5.56	29.57	6.23	31.51	6.90
18.23	2.89	20.81	3.56	23.21	4.23	25.46	4.90	27.58	5.57	29.60	6.24	31.54	6.91
18.27	2.90	20.85	3.57	23.24	4.24	25.49	4.91	27.61	5.58	29.63	6.25		
18.31	2.91	20.89	3.58	23.28	4.25	25.52	4.92	27.64	5.59	29.66	6.26		
18.35	2.92	20.92	3.59	23.31	4.26	25.55	4.93	27.67	5.60	29.69	6.27		
18.39	2.93	20.96	3.60	23.35	4.27	25.59	4.94	27.70	5.61	29.72	6.28		
18.43	2.94	21.00	3.61	23.38	4.28	25.62	4.95	27.73	5.62	29.75	6.29		
18.47	2.95	21.03	3.62	23.42	4.29	25.65	4.96	27.76	5.63	29.78	6.30		
18.51	2.96	21.07	3.63	23.45	4.30	25.68	4.97	27.80	5.64	29.81	6.31		
18.55	2.97	21.11	3.64	23.49	4.31	25.72	4.98	27.83	5.65	29.84	6.32		
18.59	2.98	21.14	3.65	23.52	4.32	25.75	4.99	27.86	5.66	29.87	6.33		
18.63	2.99	21.18	3.66	23.55	4.33	25.78	5.00	27.89	5.67	29.90	6.34		
18.67	3.00	21.22	3.67	23.59	4.34	25.81	5.01	27.92	5.68	29.92	6.35		
18.71	3.01	21.25	3.68	23.62	4.35	25.85	5.02	27.95	5.69	29.95	6.36		
18.74	3.02	21.29	3.69	23.66	4.36	25.88	5.03	27.98	5.70	29.98	6.37		
18.78	3.03	21.33	3.70	23.69	4.37	25.91	5.04	28.01	5.71	30.01	6.38		
18.82	3.04	21.36	3.71	23.73	4.38	25.94	5.05	28.04	5.72	30.04	6.39		
18.86	3.05	21.40	3.72	23.76	4.39	25.97	5.06	28.07	5.73	30.07	6.40		
18.90	3.06	21.44	3.73	23.79	4.40	26.01	5.07	28.10	5.74	30.10	6.41		
18.94	3.07	21.47	3.74	23.83	4.41	26.04	5.08	28.13	5.75	30.13	6.42		
18.98	3.08	21.51	3.75	23.86	4.42	26.07	5.09	28.16	5.76	30.16	6.43		
19.02	3.09	21.55	3.76	23.90	4.43	26.10	5.10	28.19	5.77	30.19	6.44		
19.06	3.10	21.58	3.77	23.93	4.44	26.13	5.11	28.22	5.78	30.22	6.45		
19.10	3.11	21.62	3.78	23.96	4.45	26.17	5.12	28.25	5.79	30.25	6.46		
19.14	3.12	21.65	3.79	24.00	4.46	26.20	5.13	28.28	5.80	30.27	6.47		
19.18	3.13	21.69	3.80	24.03	4.47	26.23	5.14	28.31	5.81	30.30	6.48		
19.22	3.14	21.73	3.81	24.06	4.48	26.26	5.15	28.34	5.82	30.33	6.49		
19.26	3.15	21.76	3.82	24.10	4.49	26.29	5.16	28.37	5.83	30.36	6.50		
19.29	3.16	21.80	3.83	24.13	4.50	26.33	5.17	28.41	5.84	30.39	6.51		
19.33	3.17	21.84	3.84	24.17	4.51	26.36	5.18	28.44	5.85	30.42	6.52		
19.37	3.18	21.87	3.85	24.20	4.52	26.39	5.19	28.47	5.86	30.45	6.53		
19.41	3.19	21.91	3.86	24.23	4.53	26.42	5.20	28.50	5.87	30.48	6.54		
19.45	3.20	21.94	3.87	24.27	4.54	26.45	5.21	28.53	5.88	30.51	6.55		
19.49	3.21	21.98	3.88	24.30	4.55	26.48	5.22	28.56	5.89	30.54	6.56		
19.53	3.22	22.01	3.89	24.33	4.56	26.52	5.23	28.59	5.90	30.57	6.57		
19.57	3.23	22.05	3.90	24.37	4.57	26.55	5.24	28.62	5.91	30.59	6.58		
19.61	3.24	22.09	3.91	24.40	4.58	26.58	5.25	28.65	5.92	30.62	6.59		
19.64	3.25	22.12	3.92	24.43	4.59	26.61	5.26	28.68	5.93	30.65	6.60		
19.68	3.26	22.16	3.93	24.47	4.60	26.64	5.27	28.71	5.94	30.68	6.61		
19.72	3.27	22.19	3.94	24.50	4.61	26.67	5.28	28.74	5.95	30.71	6.62		
19.76	3.28	22.23	3.95	24.53	4.62	26.71	5.29	28.77	5.96	30.74	6.63		
19.80	3.29	22.26	3.96	24.57	4.63	26.74	5.30	28.80	5.97	30.77	6.64		
19.84	3.30	22.30	3.97	24.60	4.64	26.77	5.31	28.83	5.98	30.79	6.65		
19.87	3.31	22.33	3.98	24.63	4.65	26.80	5.32	28.86	5.99	30.82	6.66		
19.91	3.32	22.37	3.99	24.67	4.66	26.83	5.33	28.89	6.00	30.85	6.67		

**Example:**

D = 4.62 for the temperature range 24°.53 to 24°.56, both included.

	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°	33°
<b>16.0</b>	<b>2.76</b>	<b>2.76</b>	<b>2.75</b>	<b>2.74</b>	<b>2.74</b>	<b>2.72</b>	<b>2.71</b>	<b>2.69</b>	<b>2.68</b>	<b>2.66</b>	<b>2.65</b>	<b>2.63</b>	<b>2.61</b>	<b>2.59</b>
.1	.73	.73	.72	.72	.71	.70	.69	.67	.66	.64	.63	.61	.59	.57
.2	.71	.71	.70	.69	.69	.67	.66	.64	.63	.61	.60	.58	.56	.54
.3	.68	.68	.67	.67	.66	.65	.64	.62	.61	.59	.58	.56	.54	.52
.4	.66	.66	.65	.64	.64	.62	.61	.59	.58	.57	.55	.54	.52	.50
.5	.63	.63	.62	.62	.61	.60	.59	.57	.56	.54	.53	.51	.49	.47
.6	.61	.61	.60	.60	.59	.58	.57	.55	.54	.52	.51	.49	.47	.45
.7	.58	.58	.57	.57	.56	.55	.54	.52	.51	.50	.48	.47	.45	.43
.8	.56	.56	.55	.55	.54	.53	.52	.50	.49	.48	.46	.45	.43	.41
.9	.53	.53	.52	.52	.51	.50	.49	.47	.46	.45	.43	.42	.40	.38
<b>17.0</b>	<b>2.51</b>	<b>2.51</b>	<b>2.50</b>	<b>2.50</b>	<b>2.49</b>	<b>2.48</b>	<b>2.47</b>	<b>2.45</b>	<b>2.44</b>	<b>2.43</b>	<b>2.41</b>	<b>2.40</b>	<b>2.38</b>	<b>2.36</b>
.1	.49	.48	.48	.48	.47	.46	.45	.43	.42	.41	.39	.38	.36	.34
.2	.46	.46	.45	.45	.44	.43	.42	.40	.39	.38	.36	.35	.33	.31
.3	.44	.43	.43	.43	.42	.41	.40	.38	.37	.36	.34	.33	.31	.29
.4	.41	.41	.40	.40	.39	.38	.37	.36	.34	.33	.32	.31	.29	.27
.5	.39	.38	.38	.38	.37	.36	.35	.33	.32	.31	.29	.28	.26	.24
.6	.37	.36	.36	.36	.35	.34	.33	.31	.30	.29	.27	.26	.24	.22
.7	.34	.33	.33	.33	.32	.31	.30	.29	.27	.26	.25	.24	.22	.20
.8	.32	.31	.31	.31	.30	.29	.28	.27	.25	.24	.23	.22	.20	.18
.9	.29	.28	.28	.28	.27	.26	.25	.24	.22	.21	.20	.19	.17	.15
<b>18.0</b>	<b>2.27</b>	<b>2.26</b>	<b>2.26</b>	<b>2.26</b>	<b>2.25</b>	<b>2.24</b>	<b>2.23</b>	<b>2.22</b>	<b>2.20</b>	<b>2.19</b>	<b>2.18</b>	<b>2.17</b>	<b>2.15</b>	<b>2.13</b>
.1	.24	.24	.24	.24	.23	.22	.21	.20	.18	.17	.16	.15	.13	.11
.2	.22	.21	.21	.21	.20	.19	.18	.17	.15	.14	.13	.12	.10	.09
.3	.19	.19	.19	.19	.18	.17	.16	.15	.13	.12	.11	.10	.08	.06
.4	.17	.17	.16	.16	.15	.14	.14	.12	.11	.10	.09	.07	.06	.04
.5	.14	.14	.14	.14	.13	.12	.11	.10	.08	.07	.06	.05	.03	.02
.6	.12	.12	.12	.12	.11	.10	.09	.08	.06	.05	.04	.03	.01	.00
.7	.09	.10	.09	.09	.08	.07	.07	.05	.04	.03	.02	.00	.00	.00
.8	.07	.08	.07	.07	.06	.05	.05	.03	.02	.01	.00	.00	.00	.00
.9	.04	.05	.04	.04	.03	.02	.02	.00	.00	.00	.00	.00	.00	.00
<b>19.0</b>	<b>2.02</b>	<b>2.03</b>	<b>2.02</b>	<b>2.02</b>	<b>2.01</b>	<b>2.00</b>	<b>2.00</b>	<b>1.98</b>	<b>1.97</b>	<b>1.96</b>	<b>1.95</b>	<b>1.93</b>	<b>1.92</b>	<b>1.91</b>
.1	.20	.20	.20	.20	.19	.19	.19	.18	.17	.16	.15	.14	.13	.12
.2	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19
.3	.15	.16	.15	.15	.14	.14	.14	.13	.13	.13	.13	.13	.13	.13
.4	.93	.93	.93	.92	.92	.91	.90	.89	.88	.87	.86	.84	.83	.82
.5	.90	.91	.90	.90	.89	.88	.88	.86	.85	.84	.83	.82	.81	.79
.6	.88	.89	.88	.88	.87	.86	.86	.84	.83	.82	.81	.80	.79	.77
.7	.86	.86	.86	.85	.85	.84	.83	.82	.81	.80	.79	.78	.77	.75
.8	.84	.84	.84	.83	.83	.82	.81	.80	.79	.78	.77	.75	.74	.73
.9	.81	.81	.81	.80	.80	.79	.78	.77	.76	.75	.74	.73	.72	.70
<b>20.0</b>	<b>1.79</b>	<b>1.79</b>	<b>1.79</b>	<b>1.78</b>	<b>1.78</b>	<b>1.77</b>	<b>1.76</b>	<b>1.75</b>	<b>1.74</b>	<b>1.73</b>	<b>1.72</b>	<b>1.71</b>	<b>1.70</b>	<b>1.68</b>
.1	.77	.77	.77	.76	.76	.75	.74	.73	.72	.71	.70	.69	.68	.66
.2	.74	.74	.74	.73	.73	.72	.71	.70	.70	.69	.68	.67	.65	.64
.3	.72	.72	.72	.71	.71	.70	.69	.68	.67	.66	.65	.64	.63	.61
.4	.69	.69	.69	.69	.69	.68	.67	.66	.65	.64	.63	.62	.61	.59
.5	.67	.67	.67	.66	.66	.65	.64	.63	.63	.62	.61	.60	.58	.57
.6	.65	.65	.65	.64	.64	.63	.62	.61	.61	.60	.59	.58	.56	.55
.7	.62	.62	.62	.62	.62	.61	.60	.59	.59	.58	.57	.56	.54	.53
.8	.60	.60	.60	.60	.60	.59	.58	.57	.56	.55	.54	.53	.52	.50
.9	.57	.57	.57	.57	.57	.56	.55	.54	.54	.53	.52	.51	.49	.48
<b>21.0</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>	<b>1.54</b>	<b>1.53</b>	<b>1.52</b>	<b>1.52</b>	<b>1.51</b>	<b>1.50</b>	<b>1.49</b>	<b>1.47</b>	<b>1.46</b>

**Example:**  $\sigma_0 = 18.67$ observed temperature =  $26^\circ.60$ adjustment =  $-2^\circ.06$ adjusted temperature =  $24^\circ.54$

t°	D	t°	D
2.86	0.21	8.30	0.88
2.97	0.22	8.37	0.89
3.08	0.23	8.43	0.90
3.18	0.24	8.50	0.91
3.29	0.25	8.56	0.92
3.39	0.26	8.62	0.93
3.49	0.27	8.69	0.94
3.59	0.28	8.75	0.95
3.69	0.29	8.81	0.96
3.79	0.30	8.88	0.97
3.89	0.31	8.94	0.98
3.98	0.32	9.00	0.99
4.08	0.33	9.06	1.00
4.17	0.34	9.12	1.01
4.26	0.35	9.19	1.02
4.35	0.36	9.25	1.03
4.45	0.37	9.31	1.04
4.54	0.38	9.37	1.05
4.63	0.39	9.43	1.06
4.71	0.40	9.49	1.07
4.80	0.41	9.55	1.08
4.89	0.42	9.61	1.09
4.97	0.43		
5.06	0.44		
5.15	0.45		
5.23	0.46		
5.34	0.47		
5.40	0.48		
5.48	0.49		
5.56	0.50		
5.64	0.51		
5.72	0.52		
5.80	0.53		
5.88	0.54		
5.96	0.55		
6.04	0.56		
6.12	0.57		
6.19	0.58		
6.27	0.59		
6.35	0.60		
6.42	0.61		
6.50	0.62		
6.57	0.63		
6.64	0.64		
6.72	0.65		
6.79	0.66		
6.86	0.67		
6.94	0.68		
7.01	0.69		
7.08	0.70		
7.15	0.71		
7.22	0.72		
7.29	0.73		
7.36	0.74		
7.43	0.75		
7.50	0.76		
7.57	0.77		
7.64	0.78		
7.71	0.79		
7.77	0.80		
7.84	0.81		
7.91	0.82		
7.97	0.83		
8.04	0.84		
8.11	0.85		
8.17	0.86		
8.24	0.87		
8.30	0.88		

**Example:**

D = 0.80 for the temperature range 7°.77 to 7°.83, both included.

	$4^\circ.0$	$4^\circ.5$	$5^\circ.0$	$5^\circ.5$	$6^\circ.0$	$6^\circ.5$	$7^\circ.0$	$7^\circ.5$	$8^\circ.0$	$8^\circ.5$	$9^\circ.0$	$9^\circ.5$	$10^\circ.0$
<b>21.0</b>	<b>-1.04</b>	<b>-1.10</b>	<b>-1.15</b>	<b>-1.20</b>	<b>-1.24</b>	<b>-1.27</b>	<b>-1.30</b>	<b>-1.32</b>	<b>-1.35</b>	<b>-1.37</b>	<b>-1.40</b>	<b>-1.41</b>	<b>-1.43</b>
.1	.02	.08	.43	.48	.22	.25	.28	.30	.33	.35	.38	.39	.41
.2	-1.01	.07	.42	.46	.20	.23	.26	.28	.31	.33	.36	.37	.39
.3	-0.99	.05	.40	.45	.18	.21	.24	.26	.29	.31	.33	.35	.36
.4	.98	.04	.08	.13	.46	.49	.22	.24	.27	.29	.31	.33	.34
.5	.96	.02	.06	.41	.44	.47	.20	.22	.24	.26	.29	.30	.32
.6	.94	-1.00	.05	.09	.43	.46	.48	.20	.22	.24	.27	.28	.30
.7	.93	-0.99	.03	.07	.41	.44	.46	.48	.20	.22	.25	.26	.28
.8	.91	.97	.01	.06	.09	.42	.44	.46	.48	.20	.22	.24	.25
.9	.90	.96	-1.00	.04	.07	.40	.42	.44	.46	.48	.20	.22	.23
<b>22.0</b>	<b>-0.88</b>	<b>-0.94</b>	<b>-0.98</b>	<b>-1.02</b>	<b>-1.05</b>	<b>-1.08</b>	<b>-1.10</b>	<b>-1.12</b>	<b>-1.14</b>	<b>-1.16</b>	<b>-1.18</b>	<b>-1.20</b>	<b>-1.21</b>
.1	.86	.92	.96	-1.00	.03	.06	.08	.10	.12	.14	.16	.18	.19
.2	.85	.90	.94	-0.98	-1.01	.04	.06	.08	.10	.12	.14	.16	.17
.3	.83	.89	.93	.96	-0.99	.02	.04	.06	.08	.10	.12	.14	.15
.4	.82	.87	.91	.94	.97	-1.00	.02	.04	.06	.08	.10	.12	.13
.5	.80	.85	.89	.92	.95	-0.98	-1.00	.02	.04	.06	.08	.09	.10
.6	.79	.83	.87	.91	.94	.96	-0.99	-1.00	.02	.04	.06	.07	.08
.7	.77	.81	.85	.89	.92	.94	.97	-0.98	-1.00	.02	.04	.05	.06
.8	.76	.80	.84	.87	.90	.92	.95	.96	-0.98	-1.00	.02	.03	.04
.9	.74	.78	.82	.85	.88	.90	.93	.94	.96	-0.98	-1.00	.01	.02
<b>23.0</b>	<b>-0.73</b>	<b>-0.76</b>	<b>-0.80</b>	<b>-0.83</b>	<b>-0.86</b>	<b>-0.88</b>	<b>-0.91</b>	<b>-0.92</b>	<b>-0.94</b>	<b>-0.96</b>	<b>-0.98</b>	<b>-0.99</b>	<b>-1.00</b>
.1	.71	.74	.78	.81	.84	.86	.89	.90	.92	.94	.96	.97	-0.98
.2	.70	.73	.77	.80	.82	.84	.87	.88	.90	.92	.94	.95	.96
.3	.68	.71	.75	.78	.81	.83	.85	.86	.88	.90	.92	.93	.94
.4	.67	.70	.74	.76	.79	.81	.83	.84	.86	.88	.90	.91	.92
.5	.65	.68	.72	.74	.77	.79	.81	.82	.84	.86	.87	.88	.90
.6	.63	.66	.70	.73	.75	.77	.80	.81	.82	.84	.85	.86	.88
.7	.62	.65	.69	.71	.73	.75	.78	.79	.80	.82	.83	.84	.86
.8	.60	.63	.67	.69	.72	.74	.76	.77	.78	.80	.81	.82	.84
.9	.59	.62	.66	.68	.70	.72	.74	.75	.76	.78	.79	.80	.82
<b>24.0</b>	<b>-0.57</b>	<b>-0.60</b>	<b>-0.64</b>	<b>-0.66</b>	<b>-0.68</b>	<b>-0.70</b>	<b>-0.72</b>	<b>-0.73</b>	<b>-0.74</b>	<b>-0.76</b>	<b>-0.77</b>	<b>-0.78</b>	<b>-0.80</b>
.1	.56	.59	.62	.64	.66	.68	.70	.71	.73	.74	.75	.76	.78
.2	.54	.57	.60	.62	.64	.66	.68	.69	.71	.72	.73	.74	.76
.3	.53	.56	.59	.61	.63	.64	.66	.68	.69	.70	.71	.72	.73
.4	.51	.54	.57	.59	.61	.63	.64	.66	.67	.68	.69	.70	.71
.5	.50	.53	.56	.57	.59	.61	.63	.64	.65	.66	.67	.68	.69
.6	.49	.51	.54	.56	.57	.59	.61	.62	.63	.64	.65	.66	.67
.7	.47	.50	.52	.54	.56	.57	.59	.60	.61	.62	.63	.64	.65
.8	.46	.48	.51	.52	.54	.56	.57	.58	.59	.60	.61	.62	.63
.9	.44	.47	.49	.51	.52	.54	.55	.56	.58	.59	.59	.60	.61
<b>25.0</b>	<b>-0.43</b>	<b>-0.45</b>	<b>-0.47</b>	<b>-0.49</b>	<b>-0.51</b>	<b>-0.52</b>	<b>-0.53</b>	<b>-0.54</b>	<b>-0.56</b>	<b>-0.57</b>	<b>-0.57</b>	<b>-0.58</b>	<b>-0.59</b>
.1	.42	.44	.46	.47	.49	.50	.52	.53	.54	.55	.55	.56	.57
.2	.40	.42	.44	.46	.47	.48	.50	.51	.52	.53	.53	.54	.55
.3	.39	.41	.43	.44	.45	.47	.48	.49	.50	.51	.52	.52	.53
.4	.37	.39	.41	.42	.44	.45	.46	.47	.48	.49	.50	.50	.51
.5	.36	.37	.39	.41	.42	.43	.44	.45	.46	.47	.48	.48	.49
.6	.34	.36	.38	.39	.40	.41	.42	.43	.44	.45	.46	.46	.47
.7	.33	.34	.36	.37	.39	.40	.41	.41	.42	.43	.44	.44	.45
.8	.31	.33	.35	.36	.37	.38	.39	.40	.40	.41	.42	.42	.43
.9	.30	.31	.33	.34	.35	.36	.37	.38	.38	.39	.40	.40	.41
<b>26.0</b>	<b>-0.28</b>	<b>-0.30</b>	<b>-0.31</b>	<b>-0.32</b>	<b>-0.33</b>	<b>-0.34</b>	<b>-0.35</b>	<b>-0.36</b>	<b>-0.36</b>	<b>-0.37</b>	<b>-0.38</b>	<b>-0.38</b>	<b>-0.39</b>

**Example:**  $\sigma_0 = 25.37$ observed temperature =  $8^\circ.30$ adjustment =  $-0^\circ.49$ adjusted temperature =  $7^\circ.81$

t°	D	t°	D	t°	D	t°	D
8.50	0.91	12.32	1.58	15.52	2.25	18.35	2.92
8.56	0.92	12.37	1.59	15.56	2.26	18.39	2.93
8.62	0.93	12.42	1.60	15.61	2.27	18.43	2.94
8.69	0.94	12.47	1.61	15.65	2.28	18.47	2.95
8.75	0.95	12.52	1.62	15.70	2.29	18.51	2.96
8.81	0.96	12.57	1.63	15.74	2.30	18.55	2.97
8.88	0.97	12.62	1.64	15.79	2.31	18.59	2.98
8.94	0.98	12.67	1.65	15.83	2.32	18.63	2.99
9.00	0.99	12.72	1.66	15.87	2.33	18.67	3.00
9.06	1.00	12.78	1.67	15.92	2.34	18.71	3.01
9.12	1.01	12.83	1.68	15.96	2.35	18.74	3.02
9.19	1.02	12.88	1.69	16.00	2.36	18.78	3.03
9.25	1.03	12.93	1.70	16.05	2.37	18.82	3.04
9.31	1.04	12.98	1.71	16.09	2.38	18.86	3.05
9.37	1.05	13.03	1.72	16.14	2.39	18.90	3.06
9.43	1.06	13.07	1.73	16.18	2.40	18.94	3.07
9.49	1.07	13.12	1.74	16.22	2.41	18.98	3.08
9.55	1.08	13.17	1.75	16.27	2.42	19.02	3.09
9.61	1.09	13.22	1.76	16.31	2.43	19.06	3.10
9.67	1.10	13.27	1.77	16.35	2.44	19.10	3.11
9.73	1.11	13.32	1.78	16.40	2.45	19.14	3.12
9.79	1.12	13.37	1.79	16.44	2.46	19.18	3.13
9.85	1.13	13.42	1.80	16.48	2.47	19.22	3.14
9.91	1.14	13.47	1.81	16.52	2.48	19.26	3.15
9.97	1.15	13.52	1.82	16.57	2.49	19.29	3.16
10.02	1.16	13.56	1.83	16.61	2.50	19.33	3.17
10.08	1.17	13.61	1.84	16.65	2.51	19.37	3.18
10.14	1.18	13.66	1.85	16.70	2.52	19.41	3.19
10.20	1.19	13.71	1.86	16.74	2.53	19.45	3.20
10.26	1.20	13.76	1.87	16.78	2.54	19.49	3.21
10.31	1.21	13.81	1.88	16.82	2.55	19.53	3.22
10.37	1.22	13.85	1.89	16.87	2.56	19.57	3.23
10.43	1.23	13.90	1.90	16.91	2.57		
10.49	1.24	13.95	1.91	16.95	2.58		
10.54	1.25	14.00	1.92	16.99	2.59		
10.60	1.26	14.04	1.93	17.03	2.60		
10.66	1.27	14.09	1.94	17.08	2.61		
10.71	1.28	14.14	1.95	17.12	2.62		
10.77	1.29	14.19	1.96	17.16	2.63		
10.82	1.30	14.23	1.97	17.20	2.64		
10.88	1.31	14.28	1.98	17.24	2.65		
10.93	1.32	14.33	1.99	17.29	2.66		
10.99	1.33	14.37	2.00	17.33	2.67		
11.04	1.34	14.42	2.01	17.37	2.68		
11.10	1.35	14.47	2.00	17.41	2.69		
11.15	1.36	14.52	2.03	17.45	2.70		
11.21	1.37	14.56	2.04	17.49	2.71		
11.26	1.38	14.61	2.05	17.53	2.72		
11.32	1.39	14.65	2.06	17.58	2.73		
11.37	1.40	14.70	2.07	17.62	2.74		
11.42	1.41	14.75	2.08	17.66	2.75		
11.48	1.42	14.79	2.09	17.70	2.76		
11.53	1.43	14.84	2.10	17.74	2.77		
11.58	1.44	14.89	2.11	17.78	2.78		
11.64	1.45	14.93	2.12	17.82	2.79		
11.69	1.46	14.98	2.13	17.86	2.80		
11.74	1.47	15.02	2.14	17.90	2.81		
11.80	1.48	15.07	2.15	17.94	2.82		
11.85	1.49	15.11	2.16	17.98	2.83		
11.90	1.50	15.16	2.17	18.02	2.84		
11.95	1.51	15.20	2.18	18.07	2.85		
12.01	1.52	15.25	2.19	18.11	2.86		
12.06	1.53	15.30	2.20	18.15	2.87		
12.11	1.54	15.34	2.21	18.19	2.88		
12.16	1.55	15.39	2.22	18.23	2.89		
12.21	1.56	15.43	2.23	18.27	2.90		
12.27	1.57	15.47	2.24	18.31	2.91		
12.32	1.58	15.52	2.25	18.35	2.92		

**Example:**

D = 1.18 for the temperature range 10°.14 to 10°.19, both included.

	10°.0	10°.5	11°.0	11°.5	12°	13°	14°	15°	16°	17°	18°	19°	20°
<b>21.0</b>	<b>-1.43</b>	<b>-1.44</b>	<b>-1.46</b>	<b>-1.47</b>	<b>-1.48</b>	<b>-1.50</b>	<b>-1.52</b>	<b>-1.53</b>	<b>-1.54</b>	<b>-1.55</b>	<b>-1.55</b>	<b>-1.55</b>	<b>-1.55</b>
.1	.41	.42	.44	.45	.46	.48	.50	.51	.52	.53	.53	.53	.53
.2	.39	.40	.42	.43	.44	.45	.47	.48	.49	.50	.50	.50	.50
.3	.36	.37	.39	.40	.41	.43	.45	.46	.47	.48	.48	.48	.48
.4	.34	.35	.37	.38	.39	.41	.43	.44	.45	.45	.46	.46	.46
.5	.32	.33	.35	.36	.37	.38	.40	.41	.42	.43	.43	.43	.43
.6	.30	.31	.33	.34	.35	.36	.38	.39	.40	.41	.41	.41	.41
.7	.28	.29	.31	.32	.33	.34	.36	.37	.38	.38	.39	.39	.39
.8	.25	.26	.28	.29	.30	.32	.34	.35	.36	.36	.37	.37	.37
.9	.23	.24	.26	.27	.28	.29	.31	.32	.33	.33	.34	.34	.34
<b>22.0</b>	<b>-1.21</b>	<b>-1.22</b>	<b>-1.24</b>	<b>-1.25</b>	<b>-1.26</b>	<b>-1.27</b>	<b>-1.29</b>	<b>-1.30</b>	<b>-1.31</b>	<b>-1.31</b>	<b>-1.32</b>	<b>-1.32</b>	<b>-1.32</b>
.1	.19	.20	.22	.23	.24	.25	.27	.28	.29	.29	.30	.30	.30
.2	.17	.18	.20	.21	.21	.23	.25	.26	.26	.26	.27	.27	.28
.3	.15	.16	.17	.18	.19	.20	.22	.23	.24	.24	.25	.25	.25
.4	.13	.14	.15	.16	.17	.18	.20	.21	.22	.22	.23	.23	.23
.5	.10	.11	.13	.14	.14	.16	.18	.19	.19	.19	.20	.20	.21
.6	.08	.09	.11	.12	.12	.14	.16	.17	.17	.17	.18	.18	.19
.7	.06	.07	.09	.10	.10	.12	.14	.15	.15	.15	.16	.16	.17
.8	.04	.05	.06	.07	.08	.09	.11	.12	.13	.13	.14	.14	.14
.9	.02	.03	.04	.05	.05	.07	.09	.10	.10	.10	.11	.11	.12
<b>23.0</b>	<b>-1.00</b>	<b>-1.01</b>	<b>-1.02</b>	<b>-1.03</b>	<b>-1.03</b>	<b>-1.05</b>	<b>-1.07</b>	<b>-1.08</b>	<b>-1.08</b>	<b>-1.09</b>	<b>-1.09</b>	<b>-1.09</b>	<b>-1.10</b>
.1	.98	.99	.100	.101	.101	.103	.105	.106	.106	.106	.107	.107	.108
.2	.96	.97	.98	.99	.99	.101	.103	.103	.103	.104	.105	.105	.105
.3	.94	.95	.96	.96	.97	.98	.100	.101	.101	.101	.102	.102	.103
.4	.92	.93	.94	.94	.95	.96	.98	.99	.99	.99	.100	.100	.101
.5	.90	.90	.91	.92	.92	.94	.96	.96	.96	.97	.98	.98	.98
.6	.88	.88	.89	.90	.90	.92	.94	.94	.95	.96	.96	.96	.96
.7	.86	.86	.87	.88	.88	.90	.92	.92	.93	.94	.94	.94	.94
.8	.84	.84	.85	.85	.86	.87	.89	.90	.90	.91	.91	.91	.92
.9	.82	.82	.83	.83	.84	.85	.87	.87	.88	.89	.89	.89	.89
<b>24.0</b>	<b>-0.80</b>	<b>-0.80</b>	<b>-0.81</b>	<b>-0.81</b>	<b>-0.82</b>	<b>-0.83</b>	<b>-0.85</b>	<b>-0.85</b>	<b>-0.85</b>	<b>-0.86</b>	<b>-0.87</b>	<b>-0.87</b>	<b>-0.87</b>
.1	.78	.78	.79	.79	.80	.81	.83	.83	.83	.84	.84	.85	.85
.2	.76	.76	.77	.77	.78	.79	.80	.81	.81	.82	.82	.83	.83
.3	.73	.74	.75	.75	.76	.77	.78	.79	.79	.80	.80	.80	.80
.4	.71	.72	.73	.73	.74	.75	.76	.76	.77	.77	.78	.78	.78
.5	.69	.70	.71	.71	.72	.73	.74	.74	.75	.75	.76	.76	.76
.6	.67	.68	.68	.69	.69	.71	.72	.72	.72	.73	.73	.74	.74
.7	.65	.66	.66	.67	.67	.68	.70	.70	.70	.71	.71	.71	.71
.8	.63	.64	.64	.65	.65	.66	.67	.68	.68	.68	.69	.69	.69
.9	.61	.62	.62	.63	.63	.64	.65	.66	.66	.66	.67	.67	.67
<b>25.0</b>	<b>-0.59</b>	<b>-0.60</b>	<b>-0.60</b>	<b>-0.61</b>	<b>-0.61</b>	<b>-0.62</b>	<b>-0.63</b>	<b>-0.63</b>	<b>-0.64</b>	<b>-0.64</b>	<b>-0.65</b>	<b>-0.65</b>	<b>-0.65</b>
.1	.57	.58	.58	.59	.59	.60	.61	.61	.62	.62	.62	.63	.63
.2	.55	.56	.56	.57	.57	.58	.59	.59	.59	.60	.61	.60	.60
.3	.53	.54	.54	.55	.55	.56	.57	.57	.57	.58	.58	.58	.58
.4	.51	.52	.52	.53	.53	.54	.55	.55	.55	.55	.56	.56	.56
.5	.49	.50	.50	.51	.51	.52	.52	.53	.53	.53	.54	.54	.54
.6	.47	.48	.48	.48	.49	.49	.50	.50	.51	.51	.52	.52	.52
.7	.45	.45	.46	.46	.47	.47	.48	.48	.48	.49	.49	.49	.50
.8	.43	.44	.44	.44	.45	.45	.46	.46	.46	.47	.47	.47	.47
.9	.41	.41	.42	.42	.43	.43	.44	.44	.44	.45	.45	.45	.45
<b>26.0</b>	<b>-0.39</b>	<b>-0.39</b>	<b>-0.40</b>	<b>-0.40</b>	<b>-0.41</b>	<b>-0.41</b>	<b>-0.42</b>	<b>-0.42</b>	<b>-0.42</b>	<b>-0.42</b>	<b>-0.43</b>	<b>-0.43</b>	<b>-0.43</b>

**Example:**  $\sigma_0 = 25.33$ 

observed temperature = 10°.72

adjustment = -0°.53

adjusted temperature = 10°.19

t°	D												
18.43	2.94	21.00	3.61	23.38	4.28	25.62	4.95	27.73	5.62	29.75	6.29	31.68	6.96
18.47	2.95	21.03	3.62	23.42	4.29	25.65	4.96	27.76	5.63	29.78	6.30	31.71	6.97
18.51	2.96	21.07	3.63	23.45	4.30	25.68	4.97	27.80	5.64	29.81	6.31	31.73	6.98
18.55	2.97	21.11	3.64	23.49	4.31	25.72	4.98	27.83	5.65	29.84	6.32	31.76	6.99
18.59	2.98	21.14	3.65	23.52	4.32	25.75	4.99	27.86	5.66	29.87	6.33	31.79	7.00
18.63	2.99	21.18	3.66	23.55	4.33	25.78	5.00	27.89	5.67	29.90	6.34	31.82	7.01
18.67	3.00	21.22	3.67	23.59	4.34	25.81	5.01	27.92	5.68	29.92	6.35	31.85	7.02
18.71	3.01	21.25	3.68	23.62	4.35	25.85	5.02	27.95	5.69	29.95	6.36	31.87	7.03
18.74	3.02	21.29	3.69	23.66	4.36	25.88	5.03	27.98	5.70	29.98	6.37	31.90	7.04
18.78	3.03	21.33	3.70	23.69	4.37	25.91	5.04	28.01	5.71	30.01	6.38	31.93	7.05
18.82	3.04	21.36	3.71	23.73	4.38	25.94	5.05	28.04	5.72	30.04	6.39	31.96	7.06
18.86	3.05	21.40	3.72	23.76	4.39	25.97	5.06	28.07	5.73	30.07	6.40	31.99	7.07
18.90	3.06	21.44	3.73	23.79	4.40	26.01	5.07	28.10	5.74	30.10	6.41	32.01	7.08
18.94	3.07	21.47	3.74	23.83	4.41	26.04	5.08	28.13	5.75	30.13	6.42	32.04	7.09
18.98	3.08	21.51	3.75	23.86	4.42	26.07	5.09	28.16	5.76	30.16	6.43	32.07	7.10
19.02	3.09	21.55	3.76	23.90	4.43	26.10	5.10	28.19	5.77	30.19	6.44	32.10	7.11
19.06	3.10	21.58	3.77	23.93	4.44	26.13	5.11	28.22	5.78	30.22	6.45	32.13	7.12
19.10	3.11	21.62	3.78	23.96	4.45	26.17	5.12	28.25	5.79	30.25	6.46	32.16	7.13
19.14	3.12	21.65	3.79	24.00	4.46	26.20	5.13	28.28	5.80	30.27	6.47	32.18	7.14
19.18	3.13	21.69	3.80	24.03	4.47	26.23	5.14	28.31	5.81	30.30	6.48	32.21	7.15
19.22	3.14	21.73	3.81	24.06	4.48	26.26	5.15	28.34	5.82	30.33	6.49	32.24	7.16
19.26	3.15	21.76	3.82	24.10	4.49	26.29	5.16	28.37	5.83	30.36	6.50	32.27	7.17
19.29	3.16	21.80	3.83	24.13	4.50	26.33	5.17	28.41	5.84	30.39	6.51	32.29	7.18
19.33	3.17	21.84	3.84	24.17	4.51	26.36	5.18	28.44	5.85	30.42	6.52	32.32	7.19
19.37	3.18	21.87	3.85	24.20	4.52	26.39	5.19	28.47	5.86	30.45	6.53	32.35	7.20
19.41	3.19	21.91	3.86	24.23	4.53	26.42	5.20	28.50	5.87	30.48	6.54	32.38	7.21
19.45	3.20	21.94	3.87	24.27	4.54	26.45	5.21	28.53	5.88	30.51	6.55	32.41	7.22
19.49	3.21	21.98	3.88	24.30	4.55	26.48	5.22	28.56	5.89	30.54	6.56	32.43	7.23
19.53	3.22	22.01	3.89	24.33	4.56	26.52	5.23	28.59	5.90	30.57	6.57	32.46	7.24
19.57	3.23	22.05	3.90	24.37	4.57	26.55	5.24	28.62	5.91	30.59	6.58	32.49	7.25
19.61	3.24	22.09	3.91	24.40	4.58	26.58	5.25	28.65	5.92	30.62	6.59	32.52	7.26
19.64	3.25	22.12	3.92	24.43	4.59	26.61	5.26	28.68	5.93	30.65	6.60	32.55	7.27
19.68	3.26	22.16	3.93	24.47	4.60	26.64	5.27	28.71	5.94	30.68	6.61	32.57	7.28
19.72	3.27	22.19	3.94	24.50	4.61	26.67	5.28	28.74	5.95	30.71	6.62	32.60	7.29
19.76	3.28	22.23	3.95	24.53	4.62	26.71	5.29	28.77	5.96	30.74	6.63		
19.80	3.29	22.26	3.96	24.57	4.63	26.74	5.30	28.80	5.97	30.77	6.64		
19.84	3.30	22.30	3.97	24.60	4.64	26.77	5.31	28.83	5.98	30.79	6.65		
19.87	3.31	22.33	3.98	24.63	4.65	26.80	5.32	28.86	5.99	30.82	6.66		
19.91	3.32	22.37	3.99	24.67	4.66	26.83	5.33	28.89	6.00	30.85	6.67		
19.95	3.33	22.41	4.00	24.70	4.67	26.86	5.34	28.92	6.01	30.88	6.68		
19.99	3.34	22.44	4.01	24.73	4.68	26.89	5.35	28.95	6.02	30.91	6.69		
20.03	3.35	22.48	4.02	24.77	4.69	26.93	5.36	28.98	6.03	30.94	6.70		
20.06	3.36	22.51	4.03	24.80	4.70	26.96	5.37	29.01	6.04	30.97	6.71		
20.10	3.37	22.55	4.04	24.83	4.71	26.99	5.38	29.04	6.05	30.99	6.72		
20.14	3.38	22.58	4.05	24.87	4.72	27.02	5.39	29.07	6.06	31.02	6.73		
20.18	3.39	22.62	4.06	24.90	4.73	27.05	5.40	29.10	6.07	31.05	6.74		
20.22	3.40	22.65	4.07	24.93	4.74	27.08	5.41	29.13	6.08	31.08	6.75		
20.25	3.41	22.69	4.08	24.96	4.75	27.11	5.42	29.16	6.09	31.11	6.76		
20.29	3.42	22.72	4.09	25.00	4.76	27.14	5.43	29.19	6.10	31.14	6.77		
20.33	3.43	22.76	4.10	25.03	4.77	27.18	5.44	29.22	6.11	31.17	6.78		
20.37	3.44	22.79	4.11	25.06	4.78	27.21	5.45	29.25	6.12	31.19	6.79		
20.40	3.45	22.83	4.12	25.10	4.79	27.24	5.46	29.27	6.13	31.22	6.80		
20.44	3.46	22.86	4.13	25.13	4.80	27.27	5.47	29.30	6.14	31.25	6.81		
20.48	3.47	22.90	4.14	25.16	4.81	27.30	5.48	29.33	6.15	31.28	6.82		
20.52	3.48	22.93	4.15	25.19	4.82	27.33	5.49	29.36	6.16	31.31	6.83		
20.55	3.49	22.97	4.16	25.23	4.83	27.36	5.50	29.39	6.17	31.34	6.84		
20.59	3.50	23.00	4.17	25.26	4.84	27.39	5.51	29.42	6.18	31.37	6.85		
20.63	3.51	23.04	4.18	25.29	4.85	27.42	5.52	29.45	6.19	31.39	6.86		
20.66	3.52	23.07	4.19	25.33	4.86	27.46	5.53	29.48	6.20	31.42	6.87		
20.70	3.53	23.11	4.20	25.36	4.87	27.49	5.54	29.51	6.21	31.45	6.88		
20.74	3.54	23.14	4.21	25.39	4.88	27.52	5.55	29.54	6.22	31.48	6.89		
20.78	3.55	23.17	4.22	25.42	4.89	27.55	5.56	29.57	6.23	31.51	6.90		
20.81	3.56	23.21	4.23	25.46	4.90	27.58	5.57	29.60	6.24	31.54	6.91		
20.85	3.57	23.24	4.24	25.49	4.91	27.61	5.58	29.63	6.25	31.56	6.92		
20.89	3.58	23.28	4.25	25.52	4.92	27.64	5.59	29.66	6.26	31.59	6.93		
20.92	3.59	23.31	4.26	25.55	4.93	27.67	5.60	29.69	6.27	31.62	6.94		
20.96	3.60	23.35	4.27	25.59	4.94	27.70	5.61	29.72	6.28	31.65	6.95		
21.00	3.61	23.38	4.28	25.62	4.95	27.73	5.62	29.75	6.29	31.68	6.96		

**Example:**

D = 3.58 for the temperature range 20°.89 to 20°.91, both included.

	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°	33°
<b>21.0</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>	<b>1.55</b>	<b>1.54</b>	<b>1.53</b>	<b>1.52</b>	<b>1.52</b>	<b>1.51</b>	<b>1.50</b>	<b>1.49</b>	<b>1.47</b>	<b>1.46</b>
.1	.53	.53	.53	.53	.53	.52	.51	.50	.50	.49	.48	.47	.45	.44
.2	.50	.50	.50	.50	.50	.49	.48	.48	.47	.47	.46	.45	.43	.42
.3	.48	.48	.48	.48	.48	.47	.46	.45	.45	.44	.43	.42	.40	.39
.4	.46	.46	.46	.46	.46	.45	.44	.43	.43	.42	.41	.40	.38	.37
.5	.43	.43	.43	.43	.43	.42	.41	.41	.40	.40	.39	.38	.36	.35
.6	.41	.41	.41	.41	.41	.40	.39	.39	.38	.38	.37	.36	.34	.33
.7	.39	.39	.39	.39	.39	.38	.37	.37	.36	.36	.35	.34	.32	.31
.8	.37	.37	.37	.37	.37	.36	.35	.34	.34	.33	.32	.31	.29	.28
.9	.34	.34	.34	.34	.34	.33	.32	.32	.31	.31	.30	.29	.27	.26
<b>22.0</b>	<b>1.32</b>	<b>1.32</b>	<b>1.32</b>	<b>1.32</b>	<b>1.32</b>	<b>1.31</b>	<b>1.30</b>	<b>1.30</b>	<b>1.29</b>	<b>1.29</b>	<b>1.28</b>	<b>1.27</b>	<b>1.25</b>	<b>1.24</b>
.1	.30	.30	.30	.30	.30	.29	.28	.28	.27	.27	.26	.25	.23	.22
.2	.28	.28	.28	.27	.27	.27	.26	.25	.25	.25	.24	.23	.21	.20
.3	.25	.25	.25	.25	.25	.24	.23	.23	.22	.22	.21	.20	.19	.18
.4	.23	.23	.23	.23	.23	.22	.21	.21	.20	.20	.19	.18	.17	.16
.5	.21	.21	.21	.20	.20	.20	.19	.18	.18	.18	.17	.16	.14	.13
.6	.19	.19	.19	.18	.18	.18	.17	.16	.16	.16	.15	.14	.12	.11
.7	.17	.17	.17	.16	.16	.16	.15	.14	.14	.14	.13	.12	.10	.09
.8	.14	.14	.14	.14	.14	.13	.12	.12	.11	.11	.10	.09	.08	.07
.9	.12	.12	.12	.11	.11	.11	.10	.09	.09	.09	.08	.07	.06	.05
<b>23.0</b>	<b>1.10</b>	<b>1.10</b>	<b>1.10</b>	<b>1.09</b>	<b>1.09</b>	<b>1.08</b>	<b>1.08</b>	<b>1.07</b>	<b>1.07</b>	<b>1.07</b>	<b>1.06</b>	<b>1.05</b>	<b>1.04</b>	<b>1.03</b>
.1	.08	.08	.08	.07	.07	.07	.06	.05	.05	.05	.04	.03	.02	.01
.2	.05	.05	.05	.05	.05	.04	.04	.03	.03	.03	.02	.01	.00	.00
.3	.03	.03	.03	.02	.02	.02	.01	-1.00	-1.00	-1.00	-0.99	-0.98	-0.98	.97
.4	-1.01	-1.01	-1.01	-1.00	-1.00	-1.00	-0.99	-0.98	-0.98	-0.98	.97	.96	.96	.95
.5	-0.98	-0.98	-0.98	-0.98	-0.98	-0.97	-0.97	.96	.96	.96	.95	.94	.93	.92
.6	.96	.96	.96	.96	.96	.95	.95	.94	.94	.94	.93	.92	.91	.90
.7	.94	.94	.94	.94	.94	.93	.93	.92	.92	.92	.91	.90	.89	.88
.8	.92	.92	.92	.91	.91	.91	.90	.89	.89	.88	.88	.87	.87	.86
.9	.89	.89	.89	.89	.89	.88	.88	.87	.87	.87	.86	.85	.85	.84
<b>24.0</b>	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>	<b>0.87</b>	<b>0.86</b>	<b>0.86</b>	<b>0.85</b>	<b>0.85</b>	<b>0.85</b>	<b>0.84</b>	<b>0.83</b>	<b>0.83</b>	<b>0.82</b>
.1	.85	.85	.85	.85	.84	.84	.83	.83	.83	.83	.82	.81	.81	.80
.2	.83	.83	.83	.82	.82	.82	.82	.81	.81	.80	.80	.79	.78	.78
.3	.80	.80	.80	.80	.80	.79	.79	.79	.78	.78	.77	.76	.75	.75
.4	.78	.78	.78	.78	.78	.78	.77	.77	.77	.76	.76	.75	.74	.73
.5	.76	.76	.76	.76	.76	.75	.75	.74	.74	.74	.73	.72	.71	.71
.6	.74	.74	.74	.74	.73	.73	.73	.72	.72	.72	.71	.70	.69	.69
.7	.71	.71	.71	.71	.71	.71	.71	.70	.70	.70	.69	.69	.68	.67
.8	.69	.69	.69	.69	.69	.69	.69	.68	.68	.68	.67	.66	.66	.65
.9	.67	.67	.67	.67	.67	.67	.66	.66	.66	.65	.65	.64	.64	.63
<b>25.0</b>	<b>0.65</b>	<b>0.65</b>	<b>0.65</b>	<b>0.65</b>	<b>0.65</b>	<b>0.64</b>	<b>0.64</b>	<b>0.64</b>	<b>0.64</b>	<b>0.63</b>	<b>0.63</b>	<b>0.62</b>	<b>0.62</b>	<b>0.61</b>
.1	.63	.63	.63	.62	.62	.62	.62	.62	.62	.61	.61	.60	.59	.59
.2	.60	.60	.60	.60	.61	.60	.60	.59	.59	.59	.59	.58	.57	.57
.3	.58	.58	.58	.58	.58	.58	.58	.57	.57	.57	.56	.56	.55	.55
.4	.56	.56	.56	.56	.56	.56	.56	.55	.55	.55	.54	.54	.53	.53
.5	.54	.54	.54	.54	.54	.53	.53	.53	.53	.53	.52	.52	.51	.51
.6	.52	.52	.52	.52	.51	.51	.51	.51	.51	.51	.50	.49	.49	.49
.7	.50	.49	.49	.49	.49	.49	.49	.49	.49	.48	.48	.47	.47	.47
.8	.47	.47	.47	.47	.47	.47	.47	.46	.46	.46	.46	.45	.45	.44
.9	.45	.45	.45	.45	.45	.45	.45	.44	.44	.44	.43	.43	.42	.42
<b>26.0</b>	<b>0.43</b>	<b>0.43</b>	<b>0.43</b>	<b>0.43</b>	<b>0.43</b>	<b>0.42</b>	<b>0.42</b>	<b>0.42</b>	<b>0.42</b>	<b>0.42</b>	<b>0.41</b>	<b>0.41</b>	<b>0.40</b>	<b>0.40</b>

**Example:**  $\sigma_0 = 23.83$ 

observed temperature = 24°.84

adjustment = -0°.91

adjusted temperature = 20°.90

$t^{\circ} = -2^{\circ}.32$  to  $0^{\circ}.40$

— 43 —

$t^{\circ}$	D
-2.32	-0.08
-1.95	-0.07
-1.60	-0.06
-1.26	-0.05
-0.96	-0.04
-0.70	-0.03
-0.48	-0.02
-0.27	-0.01
-0.08	0.00
0.10	0.01

**Example:**

D = -0.05 for the temperature range  $-1^{\circ}.26$  to  $-0^{\circ}.97$ , both included.

	$-2^{\circ}0$	$-1^{\circ}8$	$-1^{\circ}6$	$-1^{\circ}4$	$-1^{\circ}2$	$-1^{\circ}0$	$-0^{\circ}8$	$-0^{\circ}6$	$-0^{\circ}4$	$-0^{\circ}2$	$0^{\circ}0$
<b>24.0</b>	<b>1.04</b>	<b>0.89</b>	<b>0.76</b>	<b>0.63</b>	<b>0.52</b>	<b>0.41</b>	<b>0.32</b>	<b>0.23</b>	<b>0.15</b>	<b>0.07</b>	<b>0.00</b>
.1	1.02	.87	.74	.62	.51	.40	.31	.22	.15	.07	.00
.2	0.99	.85	.72	.60	.50	.39	.31	.22	.15	.07	.00
.3	.97	.83	.71	.59	.48	.38	.30	.21	.14	.07	.00
.4	.94	.81	.69	.57	.47	.37	.29	.21	.14	.07	.00
.5	.92	.79	.67	.56	.46	.36	.28	.20	.14	.07	.00
.6	.90	.77	.65	.55	.45	.36	.28	.20	.14	.06	.00
.7	.87	.75	.63	.53	.44	.35	.27	.19	.14	.06	.00
.8	.85	.73	.62	.52	.42	.34	.26	.19	.13	.06	.00
.9	.82	.71	.60	.50	.41	.33	.26	.18	.13	.06	.00
<b>25.0</b>	<b>0.80</b>	<b>0.69</b>	<b>0.58</b>	<b>0.49</b>	<b>0.40</b>	<b>0.32</b>	<b>0.25</b>	<b>0.18</b>	<b>0.13</b>	<b>0.06</b>	<b>0.00</b>
.1	.77	.66	.56	.47	.39	.31	.24	.17	.13	.06	.00
.2	.75	.64	.54	.46	.37	.30	.23	.17	.12	.06	.00
.3	.72	.61	.52	.44	.36	.29	.23	.16	.12	.06	.00
.4	.70	.59	.50	.42	.35	.28	.22	.16	.11	.06	.00
.5	.67	.56	.47	.40	.33	.27	.21	.15	.11	.06	.00
.6	.64	.54	.45	.39	.32	.26	.20	.14	.11	.05	.00
.7	.62	.51	.43	.37	.31	.25	.19	.14	.10	.05	.00
.8	.59	.49	.41	.35	.30	.24	.19	.13	.10	.05	.00
.9	.57	.46	.39	.34	.28	.23	.18	.13	.09	.05	.00
<b>26.0</b>	<b>0.54</b>	<b>0.44</b>	<b>0.37</b>	<b>0.32</b>	<b>0.27</b>	<b>0.22</b>	<b>0.17</b>	<b>0.12</b>	<b>0.09</b>	<b>0.05</b>	<b>0.00</b>
.1	.51	.42	.35	.30	.26	.21	.16	.12	.09	.05	.00
.2	.48	.40	.33	.29	.24	.20	.15	.11	.08	.05	.00
.3	.46	.38	.32	.27	.23	.19	.15	.11	.08	.05	.00
.4	.43	.36	.30	.26	.22	.18	.14	.10	.07	.04	.00
.5	.40	.33	.28	.24	.20	.17	.13	.10	.07	.04	.00
.6	.37	.31	.26	.23	.19	.16	.12	.09	.07	.03	.00
.7	.34	.29	.23	.21	.18	.15	.11	.09	.06	.03	.00
.8	.32	.27	.22	.20	.17	.14	.11	.08	.06	.03	.00
.9	.29	.25	.21	.18	.15	.13	.10	.08	.05	.02	.00
<b>27.0</b>	<b>0.26</b>	<b>0.23</b>	<b>0.19</b>	<b>0.17</b>	<b>0.14</b>	<b>0.12</b>	<b>0.09</b>	<b>0.07</b>	<b>0.05</b>	<b>0.02</b>	<b>0.00</b>
.1	.23	.21	.17	.15	.13	.11	.08	.06	.05	.02	.00
.2	.21	.18	.15	.14	.11	.10	.07	.06	.04	.02	.00
.3	.18	.16	.13	.12	.10	.08	.06	.05	.04	.01	.00
.4	.16	.14	.11	.10	.08	.07	.05	.04	.03	.01	.00
.5	.13	.12	.10	.09	.07	.06	.05	.04	.03	.01	.00
.6	.10	.09	.08	.07	.06	.05	.04	.03	.02	.01	.00
.7	.08	.07	.06	.05	.04	.04	.03	.02	.02	.01	.00
.8	.05	.05	.04	.03	.03	.02	.02	.01	.01	.00	.00
.9	.03	.02	.02	.02	.01	.01	.01	.01	.01	.00	.00
<b>28.0</b>	<b>0.00</b>	<b>0.00</b>									
.1	—0.03	—0.03	—0.02	—0.02	—0.01	—0.01	—0.01	—0.01	—0.00	—0.00	—0.00
.2	.06	.05	.04	.03	.03	.02	.02	.01	.01	.00	.00
.3	.08	.08	.06	.05	.04	.03	.03	.02	.01	.00	.00
.4	.11	.10	.08	.07	.06	.04	.04	.02	.02	.00	.00
.5	.14	.13	.11	.09	.07	.06	.05	.03	.02	.01	.00
.6	.17	.15	.13	.10	.08	.07	.05	.04	.02	.01	.00
.7	.20	.18	.15	.12	.10	.08	.06	.04	.03	.01	.00
.8	.22	.20	.17	.14	.11	.09	.07	.05	.03	.01	.00
.9	.25	.23	.19	.15	.13	.10	.08	.05	.04	.01	.00
<b>29.0</b>	<b>0.28</b>	<b>0.26</b>	<b>0.21</b>	<b>0.17</b>	<b>0.14</b>	<b>0.11</b>	<b>0.09</b>	<b>0.06</b>	<b>0.04</b>	<b>0.01</b>	<b>0.00</b>

**Example:**  $\sigma_0 = 28.72$ observed temperature =  $-1^{\circ}45$ adjustment =  $-0^{\circ}40$ adjusted temperature =  $-1^{\circ}25$

$t^{\circ}$	D
-0.08	0.00
0.10	0.01
0.28	0.02
0.46	0.03
0.63	0.04
0.79	0.05
0.94	0.06
1.09	0.07
1.24	0.08
1.38	0.09
1.52	0.10
1.65	0.11
1.78	0.12
1.91	0.13
2.04	0.14
2.16	0.15
2.28	0.16
2.40	0.17
2.52	0.18
2.64	0.19
2.75	0.20
2.86	0.21
2.97	0.22
3.08	0.23
3.18	0.24
3.29	0.25
3.39	0.26
3.49	0.27
3.59	0.28
3.69	0.29
3.79	0.30
3.89	0.31
3.98	0.32
4.08	0.33
4.17	0.34
4.26	0.35
4.35	0.36
4.45	0.37
4.54	0.38
4.63	0.39

**Example:**

D = 0.06 for the temperature range  $0^{\circ}.94$  to  $1^{\circ}.08$ , both included.

	0°.0	0°.5	1°.0	1°.5	2°.0	2°.5	3°.0	3°.5	4°.0
<b>24.0</b>	<b>0.00</b>	<b>-0.13</b>	<b>-0.23</b>	<b>-0.32</b>	<b>-0.39</b>	<b>-0.45</b>	<b>-0.49</b>	<b>-0.53</b>	<b>-0.57</b>
.1	.00	.43	.22	.31	.38	.44	.48	.52	.56
.2	.00	.42	.22	.30	.37	.43	.46	.50	.54
.3	.00	.42	.21	.29	.36	.41	.45	.49	.53
.4	.00	.41	.20	.28	.35	.40	.44	.48	.51
.5	.00	.41	.19	.27	.34	.39	.43	.46	.50
.6	.00	.41	.19	.27	.32	.38	.41	.45	.49
.7	.00	.40	.18	.26	.34	.37	.40	.44	.47
.8	.00	.40	.17	.25	.30	.35	.39	.42	.46
.9	.00	.39	.17	.24	.29	.34	.37	.41	.44
<b>25.0</b>	<b>0.00</b>	<b>-0.09</b>	<b>-0.16</b>	<b>-0.23</b>	<b>-0.28</b>	<b>-0.33</b>	<b>-0.36</b>	<b>-0.40</b>	<b>-0.43</b>
.1	.00	.09	.45	.22	.27	.32	.35	.39	.42
.2	.00	.09	.45	.21	.26	.31	.34	.37	.40
.3	.00	.08	.44	.21	.25	.30	.32	.36	.39
.4	.00	.08	.44	.20	.24	.29	.31	.34	.37
.5	.00	.07	.43	.19	.23	.28	.30	.33	.36
.6	.00	.07	.42	.18	.23	.26	.29	.31	.34
.7	.00	.07	.42	.17	.22	.25	.28	.30	.33
.8	.00	.07	.41	.17	.21	.24	.26	.29	.31
.9	.00	.06	.41	.16	.20	.23	.25	.27	.30
<b>26.0</b>	<b>0.00</b>	<b>-0.06</b>	<b>-0.10</b>	<b>-0.15</b>	<b>-0.19</b>	<b>-0.22</b>	<b>-0.24</b>	<b>-0.26</b>	<b>-0.28</b>
.1	.00	.06	.09	.44	.18	.21	.23	.25	.27
.2	.00	.05	.09	.43	.17	.20	.22	.23	.25
.3	.00	.05	.08	.42	.16	.19	.20	.22	.24
.4	.00	.04	.08	.41	.15	.18	.19	.21	.22
.5	.00	.04	.07	.40	.14	.17	.18	.20	.21
.6	.00	.04	.06	.40	.13	.15	.17	.18	.20
.7	.00	.03	.06	.09	.42	.14	.16	.17	.18
.8	.00	.03	.05	.08	.41	.13	.15	.16	.17
.9	.00	.03	.05	.07	.40	.12	.14	.14	.15
<b>27.0</b>	<b>0.00</b>	<b>-0.02</b>	<b>-0.04</b>	<b>-0.06</b>	<b>-0.09</b>	<b>-0.11</b>	<b>-0.12</b>	<b>-0.13</b>	<b>-0.14</b>
.1	.00	.02	.04	.05	.08	.10	.11	.12	.13
.2	.00	.02	.03	.05	.07	.09	.10	.11	.11
.3	.00	.02	.03	.04	.06	.08	.08	.09	.10
.4	.00	.01	.02	.04	.05	.07	.07	.08	.09
.5	.00	.01	.02	.03	.04	.06	.06	.07	.07
.6	.00	.01	.02	.02	.04	.05	.05	.05	.06
.7	.00	—0.01	.04	.02	.03	.03	.04	.04	.04
.8	.00	—0.01	—0.01	.01	.02	.02	.02	.03	.03
.9	.00	—0.00	—0.00	—0.04	—0.04	—0.01	—0.01	—0.01	—0.01
<b>28.0</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
.1	.00	.00	.01	.01	.01	.01	.01	.01	.01
.2	.00	.01	.04	.02	.02	.02	.02	.03	.03
.3	.00	.01	.02	.02	.03	.03	.04	.04	.04
.4	.00	.01	.02	.03	.04	.04	.05	.05	.05
.5	.00	.02	.03	.04	.05	.06	.06	.07	.07
.6	.00	.02	.04	.05	.06	.07	.07	.08	.08
.7	.00	.02	.04	.06	.07	.08	.08	.09	.09
.8	.00	.02	.05	.06	.08	.09	.10	.11	.11
.9	.00	.03	.05	.07	.09	.10	.11	.12	.12
<b>29.0</b>	<b>0.00</b>	<b>0.03</b>	<b>0.06</b>	<b>0.08</b>	<b>0.10</b>	<b>0.11</b>	<b>0.12</b>	<b>0.13</b>	<b>0.13</b>

**Example:**  $\sigma_0 = 24.75$ 

observed temperature = 1°.30

adjustment = -0°.22

adjusted temperature = 1°.08

t°	D	t°	D
3.69	0.29	8.81	0.96
3.79	0.30	8.88	0.97
3.89	0.31	8.94	0.98
3.98	0.32	9.00	0.99
4.08	0.33	9.06	1.00
4.17	0.34	9.12	1.01
4.26	0.35	9.19	1.02
4.35	0.36	9.25	1.03
4.45	0.37	9.31	1.04
4.54	0.38	9.37	1.05
4.63	0.39	9.43	1.06
4.71	0.40	9.49	1.07
4.80	0.41	9.55	1.08
4.89	0.42	9.61	1.09
4.97	0.43	9.67	1.10
5.06	0.44	9.73	1.11
5.15	0.45	9.79	1.12
5.23	0.46	9.85	1.13
5.31	0.47	9.91	1.14
5.40	0.48	9.97	1.15
5.48	0.49	10.02	1.16
5.56	0.50	10.08	1.17
5.64	0.51	10.14	1.18
5.72	0.52	10.20	1.19
5.80	0.53	10.26	1.20
5.88	0.54	10.31	1.21
5.96	0.55	10.37	1.22
6.04	0.56	10.43	1.23
6.12	0.57	10.49	1.24
6.19	0.58	10.54	1.25
6.27	0.59	10.60	1.26
6.35	0.60		
6.42	0.61		
6.50	0.62		
6.57	0.63		
6.64	0.64		
6.72	0.65		
6.79	0.66		
6.86	0.67		
6.94	0.68		
7.01	0.69		
7.08	0.70		
7.15	0.71		
7.22	0.72		
7.29	0.73		
7.36	0.74		
7.43	0.75		
7.50	0.76		
7.57	0.77		
7.64	0.78		
7.71	0.79		
7.77	0.80		
7.84	0.81		
7.91	0.82		
7.97	0.83		
8.04	0.84		
8.11	0.85		
8.17	0.86		
8.24	0.87		
8.30	0.88		
8.37	0.89		
8.43	0.90		
8.50	0.91		
8.56	0.92		
8.62	0.93		
8.69	0.94		
8.75	0.95		
8.81	0.96		

**Example:**

D = 1.18 for the temperature range 10°.14 to 10°.19, both included.

	4°.0	4°.5	5°.0	5°.5	6°.0	6°.5	7°.0	7°.5	8°.0	8°.5	9°.0	9°.5	10°.0
<b>26.0</b>	<b>-0.28</b>	<b>-0.30</b>	<b>-0.31</b>	<b>-0.32</b>	<b>-0.33</b>	<b>-0.34</b>	<b>-0.35</b>	<b>-0.36</b>	<b>-0.36</b>	<b>-0.37</b>	<b>-0.38</b>	<b>-0.38</b>	<b>-0.39</b>
.1	.27	.28	.30	.31	.32	.32	.33	.34	.35	.35	.36	.36	.37
.2	.25	.27	.28	.29	.30	.31	.31	.32	.33	.33	.34	.34	.35
.3	.24	.25	.27	.28	.29	.29	.30	.30	.31	.31	.32	.32	.33
.4	.22	.24	.25	.26	.27	.27	.28	.28	.29	.29	.30	.30	.31
.5	.21	.22	.24	.25	.25	.26	.26	.26	.27	.27	.28	.28	.29
.6	.20	.21	.22	.23	.24	.24	.24	.25	.25	.25	.26	.26	.27
.7	.18	.19	.21	.22	.22	.22	.22	.23	.24	.24	.25	.25	.25
.8	.17	.18	.19	.20	.20	.20	.21	.21	.22	.22	.23	.23	.23
.9	.15	.17	.18	.19	.19	.19	.19	.19	.20	.21	.21	.21	.21
<b>27.0</b>	<b>-0.14</b>	<b>-0.15</b>	<b>-0.16</b>	<b>-0.17</b>	<b>-0.17</b>	<b>-0.17</b>	<b>-0.17</b>	<b>-0.17</b>	<b>-0.18</b>	<b>-0.18</b>	<b>-0.19</b>	<b>-0.19</b>	<b>-0.19</b>
.1	.13	.13	.14	.15	.15	.15	.16	.16	.16	.16	.17	.18	.18
.2	.11	.12	.12	.13	.13	.14	.14	.14	.14	.15	.15	.15	.16
.3	.10	.10	.11	.11	.12	.12	.12	.12	.13	.13	.13	.13	.14
.4	.09	.09	.09	.09	.09	.10	.10	.11	.11	.11	.11	.11	.12
.5	.07	.07	.08	.08	.08	.09	.09	.09	.09	.09	.09	.10	.10
.6	.06	.06	.06	.06	.07	.07	.07	.07	.07	.07	.08	.08	.08
.7	.04	.04	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06
.8	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04
.9	-.01	-.01	-.02	-.02	-.02	-.02	-.02	-.02	-.02	-.02	-.02	-.02	-.02
<b>28.0</b>	<b>0.00</b>												
.1	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
.2	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04
.3	.04	.04	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06
.4	.05	.06	.06	.06	.07	.07	.07	.07	.07	.08	.08	.08	.08
.5	.07	.07	.07	.08	.08	.08	.09	.09	.09	.10	.10	.10	.10
.6	.08	.09	.09	.10	.10	.10	.10	.11	.11	.11	.11	.11	.12
.7	.09	.10	.10	.11	.11	.12	.12	.12	.13	.13	.13	.13	.13
.8	.11	.11	.12	.13	.13	.14	.14	.14	.15	.15	.15	.15	.15
.9	.12	.13	.13	.14	.15	.15	.15	.16	.16	.16	.17	.17	.17
<b>29.0</b>	<b>0.13</b>	<b>0.14</b>	<b>0.15</b>	<b>0.16</b>	<b>0.16</b>	<b>0.17</b>	<b>0.17</b>	<b>0.18</b>	<b>0.18</b>	<b>0.18</b>	<b>0.19</b>	<b>0.19</b>	<b>0.19</b>
.1	.15	.15	.16	.17	.18	.18	.19	.19	.20	.20	.21	.21	.21
.2	.16	.17	.17	.18	.19	.20	.20	.21	.21	.22	.23	.23	.23
.3	.17	.18	.19	.20	.21	.21	.22	.23	.23	.24	.24	.25	.25
.4	.18	.19	.20	.21	.22	.23	.24	.24	.25	.26	.26	.26	.27
.5	.20	.21	.22	.22	.24	.25	.25	.26	.27	.27	.28	.28	.28
.6	.21	.22	.23	.24	.25	.26	.27	.28	.28	.29	.30	.30	.30
.7	.22	.24	.25	.26	.27	.28	.29	.29	.30	.31	.32	.32	.32
.8	.24	.25	.26	.27	.29	.29	.30	.31	.32	.32	.33	.33	.34
.9	.25	.26	.28	.29	.30	.31	.32	.33	.34	.34	.35	.35	.36
<b>30.0</b>	<b>0.26</b>	<b>0.28</b>	<b>0.29</b>	<b>0.30</b>	<b>0.32</b>	<b>0.33</b>	<b>0.33</b>	<b>0.34</b>	<b>0.35</b>	<b>0.36</b>	<b>0.36</b>	<b>0.37</b>	<b>0.38</b>
.1	.28	.29	.31	.32	.34	.35	.35	.36	.37	.38	.38	.39	.39
.2	.29	.31	.32	.33	.35	.36	.36	.38	.39	.39	.40	.41	.41
.3	.30	.32	.33	.35	.37	.38	.38	.39	.40	.41	.42	.42	.43
.4	.31	.33	.35	.36	.38	.39	.40	.41	.42	.43	.43	.44	.45
.5	.33	.35	.36	.38	.40	.41	.42	.43	.44	.45	.45	.46	.47
.6	.34	.36	.38	.39	.41	.42	.43	.44	.46	.47	.48	.48	.49
.7	.35	.37	.39	.41	.43	.44	.45	.46	.47	.48	.49	.50	.50
.8	.36	.39	.41	.42	.44	.46	.47	.48	.49	.50	.51	.51	.52
.9	.38	.40	.42	.44	.46	.47	.48	.50	.51	.51	.52	.53	.54
<b>31.0</b>	<b>0.39</b>	<b>0.41</b>	<b>0.44</b>	<b>0.45</b>	<b>0.47</b>	<b>0.49</b>	<b>0.50</b>	<b>0.51</b>	<b>0.52</b>	<b>0.53</b>	<b>0.55</b>	<b>0.56</b>	

**Example:**  $\sigma_0 = 30.57$ 

observed temperature =  $9^{\circ}70$   
adjustment =  $0^{\circ}48$   
adjusted temperature =  $10^{\circ}18$

t°	D	t°	D	t°	D	t°	D
9.61	1.09	13.22	1.76	16.31	2.43	19.06	3.10
9.67	1.10	13.27	1.77	16.35	2.44	19.10	3.11
9.73	1.11	13.32	1.78	16.40	2.45	19.14	3.12
9.79	1.12	13.37	1.79	16.44	2.46	19.18	3.13
9.85	1.13	13.42	1.80	16.48	2.47	19.22	3.14
9.91	1.14	13.47	1.81	16.52	2.48	19.26	3.15
9.97	1.15	13.52	1.82	16.57	2.49	19.29	3.16
10.02	1.16	13.56	1.83	16.61	2.50	19.33	3.17
10.08	1.17	13.61	1.84	16.65	2.51	19.37	3.18
10.14	1.18	13.66	1.85	16.70	2.52	19.41	3.19
10.20	1.19	13.71	1.86	16.74	2.53	19.45	3.20
10.26	1.20	13.76	1.87	16.78	2.54	19.49	3.21
10.31	1.21	13.81	1.88	16.82	2.55	19.53	3.22
10.37	1.22	13.85	1.89	16.87	2.56	19.57	3.23
10.43	1.23	13.90	1.90	16.91	2.57	19.61	3.24
10.49	1.24	13.95	1.91	16.95	2.58	19.64	3.25
10.54	1.25	14.00	1.92	16.99	2.59	19.68	3.26
10.60	1.26	14.04	1.93	17.03	2.60	19.72	3.27
10.66	1.27	14.09	1.94	17.08	2.61	19.76	3.28
10.71	1.28	14.14	1.95	17.12	2.62	19.80	3.29
10.77	1.29	14.19	1.96	17.16	2.63	19.84	3.30
10.82	1.30	14.23	1.97	17.20	2.64	19.87	3.31
10.88	1.31	14.28	1.98	17.24	2.65	19.91	3.32
10.93	1.32	14.33	1.99	17.29	2.66	19.95	3.33
10.99	1.33	14.37	2.00	17.33	2.67	19.99	3.34
11.04	1.34	14.42	2.01	17.37	2.68	20.03	3.35
11.10	1.35	14.47	2.02	17.41	2.69	20.06	3.36
11.15	1.36	14.52	2.03	17.45	2.70	20.10	3.37
11.21	1.37	14.56	2.04	17.49	2.71	20.14	3.38
11.26	1.38	14.61	2.05	17.53	2.72	20.18	3.39
11.32	1.39	14.65	2.06	17.58	2.73	20.22	3.40
11.37	1.40	14.70	2.07	17.62	2.74	20.25	3.41
11.42	1.41	14.75	2.08	17.66	2.75	20.29	3.42
11.48	1.42	14.79	2.09	17.70	2.76	20.33	3.43
11.53	1.43	14.84	2.10	17.74	2.77	20.37	3.44
11.58	1.44	14.89	2.11	17.78	2.78	20.40	3.45
11.64	1.45	14.93	2.12	17.82	2.79	20.44	3.46
11.69	1.46	14.98	2.13	17.86	2.80	20.48	3.47
11.74	1.47	15.02	2.14	17.90	2.81	20.52	3.48
11.80	1.48	15.07	2.15	17.94	2.82	20.55	3.49
11.85	1.49	15.11	2.16	17.98	2.83	20.59	3.50
11.90	1.50	15.16	2.17	18.02	2.84	20.63	3.51
11.95	1.51	15.20	2.18	18.07	2.85		
12.01	1.52	15.25	2.19	18.11	2.86		
12.06	1.53	15.30	2.20	18.15	2.87		
12.11	1.54	15.34	2.21	18.19	2.88		
12.16	1.55	15.39	2.22	18.23	2.89		
12.21	1.56	15.43	2.23	18.27	2.90		
12.27	1.57	15.47	2.24	18.31	2.91		
12.32	1.58	15.52	2.25	18.35	2.92		
12.37	1.59	15.56	2.26	18.39	2.93		
12.42	1.60	15.61	2.27	18.43	2.94		
12.47	1.61	15.65	2.28	18.47	2.95		
12.52	1.62	15.70	2.29	18.51	2.96		
12.57	1.63	15.74	2.30	18.55	2.97		
12.62	1.64	15.79	2.31	18.59	2.98		
12.67	1.65	15.83	2.32	18.63	2.99		
12.72	1.66	15.87	2.33	18.67	3.00		
12.78	1.67	15.92	2.34	18.71	3.01		
12.83	1.68	15.96	2.35	18.74	3.02		
12.88	1.69	16.00	2.36	18.78	3.03		
12.93	1.70	16.05	2.37	18.82	3.04		
12.98	1.71	16.09	2.38	18.86	3.05		
13.03	1.72	16.14	2.39	18.90	3.06		
13.07	1.73	16.18	2.40	18.94	3.07		
13.12	1.74	16.22	2.41	18.98	3.08		
13.17	1.75	16.27	2.42	19.02	3.09		
13.22	1.76	16.31	2.43	19.06	3.10		

**Example:**

D = 1.35 for the temperature range 11°.10 to 11°.14, both included.

	10°.0	10°.5	11°.0	11°.5	12°	13°	14°	15°	16°	17°	18°	19°	20°
<b>26.0</b>	<b>—0.39</b>	<b>—0.39</b>	<b>—0.40</b>	<b>—0.40</b>	<b>—0.41</b>	<b>—0.41</b>	<b>—0.42</b>	<b>—0.42</b>	<b>—0.42</b>	<b>—0.42</b>	<b>—0.43</b>	<b>—0.43</b>	<b>—0.43</b>
.1	.37	.37	.38	.38	.38	.39	.40	.40	.40	.40	.40	.41	.41
.2	.35	.35	.36	.36	.36	.37	.37	.38	.38	.38	.38	.38	.39
.3	.33	.33	.34	.34	.34	.35	.35	.35	.36	.36	.36	.36	.37
.4	.31	.31	.32	.32	.32	.33	.33	.33	.33	.34	.34	.34	.34
.5	.29	.30	.30	.30	.30	.31	.31	.31	.31	.32	.32	.32	.32
.6	.27	.28	.28	.28	.28	.29	.29	.29	.29	.30	.30	.30	.30
.7	.25	.26	.26	.26	.26	.27	.27	.27	.27	.28	.28	.28	.29
.8	.23	.24	.24	.24	.24	.24	.25	.25	.25	.25	.26	.26	.26
.9	.21	.22	.22	.22	.22	.22	.23	.23	.23	.23	.23	.24	.24
<b>27.0</b>	<b>—0.19</b>	<b>—0.20</b>	<b>—0.20</b>	<b>—0.20</b>	<b>—0.20</b>	<b>—0.21</b>	<b>—0.22</b>						
.1	.18	.18	.18	.18	.18	.18	.19	.19	.19	.19	.19	.19	.19
.2	.16	.16	.16	.16	.16	.16	.17	.17	.17	.17	.17	.17	.17
.3	.14	.14	.14	.14	.14	.14	.14	.14	.14	.15	.15	.15	.15
.4	.12	.12	.12	.12	.12	.12	.12	.12	.12	.12	.13	.13	.13
.5	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10	.11	.11	.11
.6	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.09	.09	.09
.7	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.07	.07
.8	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
.9	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
<b>28.0</b>	<b>0.00</b>												
.1	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
.2	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
.3	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
.4	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08
.5	.10	.10	.10	.10	.10	.10	.11	.11	.11	.11	.11	.11	.11
.6	.12	.12	.12	.12	.12	.12	.12	.13	.13	.13	.13	.13	.13
.7	.13	.14	.14	.14	.14	.14	.15	.15	.15	.15	.15	.15	.15
.8	.15	.16	.16	.16	.16	.16	.17	.17	.17	.17	.17	.17	.17
.9	.17	.18	.18	.18	.18	.18	.19	.19	.19	.19	.19	.19	.19
<b>29.0</b>	<b>0.19</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>	<b>0.21</b>						
.1	.21	.21	.22	.22	.22	.22	.23	.23	.23	.23	.23	.23	.23
.2	.23	.23	.24	.24	.24	.24	.25	.25	.25	.25	.25	.25	.25
.3	.25	.25	.26	.26	.26	.26	.27	.27	.27	.27	.27	.27	.27
.4	.27	.27	.27	.27	.27	.28	.28	.29	.29	.29	.29	.29	.29
.5	.28	.29	.29	.29	.29	.30	.30	.31	.31	.31	.31	.31	.31
.6	.30	.31	.31	.31	.31	.32	.32	.33	.33	.33	.33	.34	.34
.7	.32	.33	.33	.33	.33	.34	.34	.35	.35	.35	.35	.36	.36
.8	.34	.34	.35	.35	.35	.36	.36	.37	.37	.37	.37	.38	.38
.9	.36	.36	.37	.37	.37	.38	.38	.39	.39	.39	.39	.40	.40
<b>30.0</b>	<b>0.38</b>	<b>0.38</b>	<b>0.39</b>	<b>0.39</b>	<b>0.39</b>	<b>0.40</b>	<b>0.40</b>	<b>0.41</b>	<b>0.41</b>	<b>0.41</b>	<b>0.41</b>	<b>0.42</b>	<b>0.42</b>
.1	.39	.40	.41	.41	.41	.42	.42	.43	.43	.43	.43	.44	.44
.2	.41	.42	.42	.43	.43	.44	.44	.45	.45	.45	.46	.46	.46
.3	.43	.44	.44	.44	.45	.46	.46	.47	.47	.47	.48	.48	.48
.4	.45	.46	.46	.46	.47	.48	.48	.49	.49	.49	.50	.50	.50
.5	.47	.47	.48	.48	.49	.50	.50	.51	.51	.51	.52	.52	.52
.6	.49	.49	.50	.50	.50	.51	.52	.53	.53	.54	.54	.54	.54
.7	.50	.51	.52	.52	.52	.53	.54	.55	.55	.56	.56	.56	.56
.8	.52	.53	.54	.54	.54	.55	.56	.57	.57	.58	.58	.58	.58
.9	.54	.55	.55	.56	.56	.57	.58	.59	.59	.60	.60	.60	.60
<b>31.0</b>	<b>0.56</b>	<b>0.57</b>	<b>0.57</b>	<b>0.58</b>	<b>0.58</b>	<b>0.59</b>	<b>0.60</b>	<b>0.61</b>	<b>0.61</b>	<b>0.62</b>	<b>0.62</b>	<b>0.62</b>	<b>0.62</b>

**Example:**  $\sigma_0 = 27.38$ 

observed temperature =  $11^\circ.22$   
adjustment =  $-0^\circ.42$   
adjusted temperature =  $11^\circ.10$

t°	D	t°	D												
19.57	3.23	22.05	3.90	24.37	4.57	26.55	5.24	28.62	5.91	30.59	6.58	32.49	7.25		
19.61	3.24	22.09	3.91	24.40	4.58	26.58	5.25	28.65	5.92	30.62	6.59	32.52	7.26		
19.64	3.25	22.12	3.92	24.43	4.59	26.61	5.26	28.68	5.93	30.65	6.60	32.55	7.27		
19.68	3.26	22.16	3.93	24.47	4.60	26.64	5.27	28.71	5.94	30.68	6.61	32.57	7.28		
19.72	3.27	22.19	3.94	24.50	4.61	26.67	5.28	28.74	5.95	30.71	6.62	32.60	7.29		
19.76	3.28	22.23	3.95	24.53	4.62	26.71	5.29	28.77	5.96	30.74	6.63	32.63	7.30		
19.80	3.29	22.26	3.96	24.57	4.63	26.74	5.30	28.80	5.97	30.77	6.64	32.66	7.31		
19.84	3.30	22.30	3.97	24.60	4.64	26.77	5.31	28.83	5.98	30.79	6.65	32.68	7.32		
19.87	3.31	22.33	3.98	24.63	4.65	26.80	5.32	28.86	5.99	30.82	6.66	32.71	7.33		
19.91	3.32	22.37	3.99	24.67	4.66	26.83	5.33	28.89	6.00	30.85	6.67	32.74	7.34		
19.95	3.33	22.41	4.00	24.70	4.67	26.86	5.34	28.92	6.01	30.88	6.68	32.76	7.35		
19.99	3.34	22.44	4.01	24.73	4.68	26.89	5.35	28.95	6.02	30.91	6.69	32.79	7.36		
20.03	3.35	22.48	4.02	24.77	4.69	26.93	5.36	28.98	6.03	30.94	6.70	32.82	7.37		
20.06	3.36	22.51	4.03	24.80	4.70	26.96	5.37	29.01	6.04	30.97	6.71	32.85	7.38		
20.10	3.37	22.55	4.04	24.83	4.71	26.99	5.38	29.04	6.05	30.99	6.72	32.87	7.39		
20.14	3.38	22.58	4.05	24.87	4.72	27.02	5.39	29.07	6.06	31.02	6.73	32.90	7.40		
20.18	3.39	22.62	4.06	24.90	4.73	27.05	5.40	29.10	6.07	31.05	6.74	32.93	7.41		
20.18	3.40	22.65	4.07	24.93	4.74	27.08	5.41	29.13	6.08	31.08	6.75	32.95	7.42		
20.25	3.41	22.69	4.08	24.96	4.75	27.11	5.42	29.16	6.09	31.11	6.76	32.98	7.43		
20.29	3.42	22.72	4.09	25.00	4.76	27.14	5.43	29.19	6.10	31.14	6.77	xxx	xxx		
20.33	3.43	22.76	4.10	25.03	4.77	27.18	5.44	29.22	6.11	31.17	6.78	33.01	7.44		
20.37	3.44	22.79	4.11	25.06	4.78	27.21	5.45	29.25	6.12	31.19	6.79	33.04	7.45		
20.40	3.45	22.83	4.12	25.10	4.79	27.24	5.46	29.27	6.13	31.22	6.80	33.06	7.46		
20.44	3.46	22.86	4.13	25.13	4.80	27.27	5.47	29.30	6.14	31.25	6.81	33.09	7.47		
20.48	3.47	22.90	4.14	25.16	4.81	27.30	5.48	29.33	6.15	31.28	6.82	33.12	7.48		
20.52	3.48	22.93	4.15	25.19	4.82	27.33	5.49	29.36	6.16	31.31	6.83	33.15	7.49		
20.55	3.49	22.97	4.16	25.23	4.83	27.36	5.50	29.39	6.17	31.34	6.84	33.17	7.50		
20.59	3.50	23.00	4.17	25.26	4.84	27.39	5.51	29.42	6.18	31.37	6.85	33.20	7.51		
20.63	3.51	23.04	4.18	25.29	4.85	27.42	5.52	29.45	6.19	31.39	6.86	33.23	7.52		
20.66	3.52	23.07	4.19	25.33	4.86	27.46	5.53	29.48	6.20	31.42	6.87	33.25	7.53		
20.70	3.53	23.11	4.20	25.36	4.87	27.49	5.54	29.51	6.21	31.45	6.88	33.28	7.54		
20.74	3.54	23.14	4.21	25.39	4.88	27.52	5.55	29.54	6.22	31.48	6.89	33.31	7.55		
20.78	3.55	23.17	4.22	25.42	4.89	27.55	5.56	29.57	6.23	31.51	6.90	33.34	7.56		
20.81	3.56	23.21	4.23	25.46	4.90	27.58	5.57	29.60	6.24	31.54	6.91	33.36	7.57		
20.85	3.57	23.24	4.24	25.49	4.91	27.61	5.58	29.63	6.25	31.56	6.92	33.39	7.58		
20.89	3.58	23.28	4.25	25.52	4.92	27.64	5.59	29.66	6.26	31.59	6.93	33.42	7.59		
20.92	3.59	23.31	4.26	25.55	4.93	27.67	5.60	29.69	6.27	31.62	6.94	33.45	7.60		
20.96	3.60	23.35	4.27	25.59	4.94	27.70	5.61	29.72	6.28	31.65	6.95	33.47	7.61		
21.00	3.61	23.38	4.28	25.62	4.95	27.73	5.62	29.75	6.29	31.68	6.96	33.50	7.62		
21.03	3.62	23.42	4.29	25.65	4.96	27.76	5.63	29.78	6.30	31.71	6.97	33.53	7.63		
21.07	3.63	23.45	4.30	25.68	4.97	27.80	5.64	29.81	6.31	31.73	6.98	33.55	7.64		
21.11	3.64	23.49	4.31	25.72	4.98	27.83	5.65	29.84	6.32	31.76	6.99	33.58	7.65		
21.14	3.65	23.52	4.32	25.75	4.99	27.86	5.66	29.87	6.33	31.79	7.00				
21.18	3.66	23.55	4.33	25.78	5.00	27.89	5.67	29.90	6.34	31.82	7.01				
21.22	3.67	23.59	4.34	25.81	5.01	27.92	5.68	29.92	6.35	31.85	7.02				
21.25	3.68	23.62	4.35	25.85	5.02	27.95	5.69	29.95	6.36	31.87	7.03				
21.29	3.69	23.66	4.36	25.88	5.03	27.98	5.70	29.98	6.37	31.90	7.04				
21.33	3.70	23.69	4.37	25.91	5.04	28.01	5.71	30.01	6.38	31.93	7.05				
21.36	3.71	23.73	4.38	25.94	5.05	28.04	5.72	30.04	6.39	31.96	7.06				
21.40	3.72	23.76	4.39	25.97	5.06	28.07	5.73	30.07	6.40	31.99	7.07				
21.44	3.73	23.79	4.40	26.01	5.07	28.10	5.74	30.10	6.41	32.01	7.08				
21.47	3.74	23.83	4.41	26.04	5.08	28.13	5.75	30.13	6.42	32.04	7.09				
21.51	3.75	23.86	4.42	26.07	5.09	28.16	5.76	30.16	6.43	32.07	7.10				
21.55	3.76	23.90	4.43	26.10	5.10	28.19	5.77	30.19	6.44	32.10	7.11				
21.58	3.77	23.93	4.44	26.13	5.11	28.22	5.78	30.22	6.45	32.13	7.12				
21.62	3.78	23.96	4.45	26.17	5.12	28.25	5.79	30.25	6.46	32.16	7.13				
21.65	3.79	24.00	4.46	26.20	5.13	28.28	5.80	30.27	6.47	32.18	7.14				
21.69	3.80	24.03	4.47	26.23	5.14	28.31	5.81	30.30	6.48	32.21	7.15				
21.73	3.81	24.06	4.48	26.26	5.15	28.34	5.82	30.33	6.49	32.24	7.16				
21.76	3.82	24.10	4.49	26.29	5.16	28.37	5.83	30.36	6.50	32.27	7.17				
21.80	3.83	24.13	4.50	26.33	5.17	28.41	5.84	30.39	6.51	32.29	7.18				
21.84	3.84	24.17	4.51	26.36	5.18	28.44	5.85	30.42	6.52	32.32	7.19				
21.87	3.85	24.20	4.52	26.39	5.19	28.47	5.86	30.45	6.53	32.35	7.20				
21.91	3.86	24.23	4.53	26.42	5.20	28.50	5.87	30.48	6.54	32.38	7.21				
21.94	3.87	24.27	4.54	26.45	5.21	28.53	5.88	30.51	6.55	32.41	7.22				
21.98	3.88	24.30	4.55	26.48	5.22	28.56	5.89	30.54	6.56	32.43	7.23				
22.01	3.89	24.33	4.56	26.52	5.23	28.59	5.90	30.57	6.57	32.46	7.24				
22.05	3.90	24.37	4.57	26.55	5.24	28.62	5.91	30.59	6.58	32.49	7.25				

This Table is not to be used to calculate D  
for temperatures higher than 33°.00 C.

	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°	33°
<b>26.0</b>	<b>—0.43</b>	<b>—0.43</b>	<b>—0.43</b>	<b>—0.43</b>	<b>—0.43</b>	<b>—0.43</b>	<b>—0.42</b>	<b>—0.42</b>	<b>—0.42</b>	<b>—0.42</b>	<b>—0.42</b>	<b>—0.41</b>	<b>—0.41</b>	<b>—0.40</b>
.1	.41	.41	.41	.41	.40	.40	.40	.40	.40	.39	.39	.39	.39	.38
.2	.39	.39	.39	.39	.38	.38	.38	.38	.38	.37	.37	.37	.37	.36
.3	.37	.37	.36	.36	.36	.36	.36	.36	.36	.35	.35	.35	.35	.34
.4	.34	.34	.34	.34	.34	.34	.34	.34	.34	.33	.33	.33	.33	.32
.5	.32	.32	.32	.32	.32	.32	.32	.32	.32	.31	.31	.31	.31	.30
.6	.30	.30	.30	.30	.30	.30	.30	.29	.29	.29	.29	.29	.28	.28
.7	.29	.28	.28	.28	.28	.28	.27	.27	.27	.27	.27	.27	.26	.26
.8	.26	.26	.26	.25	.25	.25	.25	.25	.25	.25	.25	.25	.24	.24
.9	.24	.23	.23	.23	.23	.23	.23	.23	.23	.23	.22	.22	.22	.22
<b>27.0</b>	<b>—0.22</b>	<b>—0.21</b>	<b>—0.20</b>	<b>—0.20</b>	<b>—0.20</b>	<b>—0.20</b>								
.1	.49	.49	.49	.49	.49	.49	.49	.49	.49	.48	.48	.48	.48	.48
.2	.47	.47	.47	.47	.47	.47	.47	.47	.47	.46	.46	.46	.46	.46
.3	.45	.45	.45	.45	.45	.45	.45	.45	.45	.44	.44	.44	.44	.44
.4	.43	.43	.43	.43	.43	.43	.43	.43	.43	.42	.42	.42	.42	.42
.5	.41	.41	.41	.41	.41	.41	.41	.41	.40	.40	.40	.40	.40	.40
.6	.09	.09	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08
.7	.07	.07	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
.8	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
.9	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
<b>28.0</b>	<b>0.00</b>													
.1	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
.2	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
.3	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06
.4	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08	.08
.5	.11	.11	.11	.11	.11	.11	.11	.11	.10	.10	.10	.10	.10	.10
.6	.13	.13	.13	.13	.13	.13	.13	.13	.12	.12	.12	.12	.12	.12
.7	.45	.45	.45	.45	.45	.45	.45	.45	.44	.44	.44	.44	.44	.44
.8	.47	.47	.47	.47	.47	.47	.47	.47	.46	.46	.46	.46	.46	.46
.9	.49	.49	.49	.49	.49	.49	.49	.48	.48	.48	.48	.48	.48	.48
<b>29.0</b>	<b>0.21</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>	<b>0.20</b>							
.1	.23	.23	.23	.23	.23	.23	.23	.23	.23	.22	.22	.22	.22	.22
.2	.25	.25	.25	.25	.25	.25	.25	.25	.25	.24	.24	.24	.24	.24
.3	.27	.27	.27	.27	.27	.27	.27	.27	.27	.26	.26	.26	.26	.26
.4	.29	.29	.29	.29	.29	.29	.29	.29	.29	.28	.28	.28	.28	.28
.5	.32	.32	.32	.32	.32	.32	.32	.31	.31	.31	.30	.30	.30	.30
.6	.34	.34	.34	.34	.34	.34	.33	.33	.33	.33	.32	.32	.32	.32
.7	.36	.36	.36	.36	.36	.36	.36	.35	.35	.35	.34	.34	.34	.34
.8	.38	.38	.38	.38	.38	.38	.38	.37	.37	.37	.36	.36	.36	.36
.9	.40	.40	.40	.40	.40	.40	.40	.39	.39	.39	.38	.38	.38	.38
<b>30.0</b>	<b>0.42</b>	<b>0.41</b>	<b>0.41</b>	<b>0.41</b>	<b>0.40</b>	<b>0.40</b>	<b>0.39</b>							
.1	.44	.44	.44	.44	.44	.44	.44	.43	.43	.43	.42	.42	.41	
.2	.46	.46	.46	.46	.46	.46	.46	.45	.45	.45	.44	.44	.43	
.3	.48	.48	.48	.48	.48	.48	.48	.47	.47	.47	.46	.46	.45	
.4	.50	.50	.50	.50	.50	.50	.50	.49	.49	.49	.48	.48	.47	
.5	.52	.52	.52	.52	.52	.52	.52	.51	.51	.51	.50	.50	.49	
.6	.54	.54	.54	.54	.54	.54	.54	.53	.53	.53	.52	.52	.50	
.7	.56	.56	.56	.56	.56	.56	.56	.55	.55	.55	.54	.54	.52	
.8	.58	.58	.58	.58	.58	.58	.58	.57	.57	.57	.56	.56	.54	
.9	.60	.60	.60	.60	.60	.60	.60	.59	.59	.59	.58	.58	.56	
<b>31.0</b>	<b>0.62</b>	<b>0.61</b>	<b>0.61</b>	<b>0.60</b>	<b>0.60</b>	<b>0.60</b>	<b>0.58</b>							

**Example:**  $\sigma_0 = 29.37$ 

observed temperature = 24° 24

adjustment = 0°.28

adjusted temperature = 24°.52

t°	D								
8.50	0.91	12.32	1.58	15.52	2.25	18.35	2.92	20.92	3.59
8.56	0.92	12.37	1.59	15.56	2.26	18.39	2.93	20.96	3.60
8.62	0.93	12.42	1.60	15.61	2.27	18.43	2.94	21.00	3.61
8.69	0.94	12.47	1.61	15.65	2.28	18.47	2.95	21.03	3.62
8.75	0.95	12.52	1.62	15.70	2.29	18.51	2.96	21.07	3.63
8.81	0.96	12.57	1.63	15.74	2.30	18.55	2.97	21.11	3.64
8.88	0.97	12.62	1.64	15.79	2.31	18.59	2.98	21.14	3.65
8.94	0.98	12.67	1.65	15.83	2.32	18.63	2.99	21.18	3.66
9.00	0.99	12.72	1.66	15.87	2.33	18.67	3.00	21.22	3.67
9.06	1.00	12.78	1.67	15.92	2.34	18.71	3.01		
9.12	1.01	12.83	1.68	15.96	2.35	18.74	3.02		
9.19	1.02	12.88	1.69	16.00	2.36	18.78	3.03		
9.25	1.03	12.93	1.70	16.05	2.37	18.82	3.04		
9.31	1.04	12.98	1.71	16.09	2.38	18.86	3.05		
9.37	1.05	13.03	1.72	16.14	2.39	18.90	3.06		
9.43	1.06	13.07	1.73	16.18	2.40	18.94	3.07		
9.49	1.07	13.12	1.74	16.22	2.41	18.98	3.08		
9.55	1.08	13.17	1.75	16.27	2.42	19.02	3.09		
9.61	1.09	13.22	1.76	16.31	2.43	19.06	3.10		
9.67	1.10	13.27	1.77	16.35	2.44	19.10	3.11		
9.73	1.11	13.32	1.78	16.40	2.45	19.14	3.12		
9.79	1.12	13.37	1.79	16.44	2.46	19.18	3.13		
9.85	1.13	13.42	1.80	16.48	2.47	19.22	3.14		
9.91	1.14	13.47	1.81	16.52	2.48	19.26	3.15		
9.97	1.15	13.52	1.82	16.57	2.49	19.29	3.16		
10.02	1.16	13.56	1.83	16.61	2.50	19.33	3.17		
10.08	1.17	13.61	1.84	16.65	2.51	19.37	3.18		
10.14	1.18	13.66	1.85	16.70	2.52	19.41	3.19		
10.20	1.19	13.71	1.86	16.74	2.53	19.45	3.20		
10.26	1.20	13.76	1.87	16.78	2.54	19.49	3.21		
10.31	1.21	13.81	1.88	16.82	2.55	19.53	3.22		
10.37	1.22	13.85	1.89	16.87	2.56	19.57	3.23		
10.43	1.23	13.90	1.90	16.91	2.57	19.61	3.24		
10.49	1.24	13.95	1.91	16.95	2.58	19.64	3.25		
10.54	1.25	14.00	1.92	16.99	2.59	19.68	3.26		
10.60	1.26	14.04	1.93	17.03	2.60	19.72	3.27		
10.66	1.27	14.09	1.94	17.08	2.61	19.76	3.28		
10.71	1.28	14.14	1.95	17.12	2.62	19.80	3.29		
10.77	1.29	14.19	1.96	17.16	2.63	19.84	3.30		
10.82	1.30	14.23	1.97	17.20	2.64	19.87	3.31		
10.88	1.31	14.28	1.98	17.24	2.65	19.91	3.32		
10.93	1.32	14.33	1.99	17.29	2.66	19.95	3.33		
10.99	1.33	14.37	2.00	17.33	2.67	19.99	3.34		
11.04	1.34	14.42	2.01	17.37	2.68	20.03	3.35		
11.10	1.35	14.47	2.00	17.41	2.69	20.06	3.36		
11.15	1.36	14.52	2.03	17.45	2.70	20.10	3.37		
11.21	1.37	14.56	2.04	17.49	2.71	20.14	3.38		
11.26	1.38	14.61	2.05	17.53	2.72	20.18	3.39		
11.32	1.39	14.65	2.06	17.58	2.73	20.22	3.40		
11.37	1.40	14.70	2.07	17.62	2.74	20.25	3.41		
11.42	1.41	14.75	2.08	17.66	2.75	20.29	3.42		
11.48	1.42	14.79	2.09	17.70	2.76	20.33	3.43		
11.53	1.43	14.84	2.10	17.74	2.77	20.37	3.44		
11.58	1.44	14.89	2.11	17.78	2.78	20.40	3.45		
11.64	1.45	14.93	2.12	17.82	2.79	20.44	3.46		
11.69	1.46	14.98	2.13	17.86	2.80	20.48	3.47		
11.74	1.47	15.02	2.14	17.90	2.81	20.52	3.48		
11.80	1.48	15.07	2.15	17.94	2.82	20.55	3.49		
11.85	1.49	15.11	2.16	17.98	2.83	20.59	3.50		
11.90	1.50	15.16	2.17	18.02	2.84	20.63	3.51		
11.95	1.51	15.20	2.18	18.07	2.85	20.66	3.52		
12.01	1.52	15.25	2.19	18.11	2.86	20.70	3.53		
12.06	1.53	15.30	2.20	18.15	2.87	20.74	3.54		
12.11	1.54	15.34	2.21	18.19	2.88	20.78	3.55		
12.16	1.55	15.39	2.22	18.23	2.89	20.81	3.56		
12.21	1.56	15.43	2.23	18.27	2.90	20.85	3.57		
12.27	1.57	15.47	2.24	18.31	2.91	20.89	3.58		
12.32	1.58	15.52	2.25	18.35	2.92	20.92	3.59		

**Example:**

D = 1.90 for the temperature range 13°.90 to 13°.94, both included.

	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°	20°	21°
<b>31.0</b>	<b>0.53</b>	<b>0.56</b>	<b>0.57</b>	<b>0.58</b>	<b>0.59</b>	<b>0.60</b>	<b>0.61</b>	<b>0.61</b>	<b>0.62</b>	<b>0.62</b>	<b>0.62</b>	<b>0.62</b>	<b>0.62</b>
.1	.55	.58	.59	.60	.61	.62	.63	.63	.64	.64	.64	.64	.64
.2	.57	.60	.61	.62	.63	.64	.65	.65	.66	.66	.66	.66	.66
.3	.59	.61	.63	.64	.65	.66	.67	.67	.68	.68	.68	.68	.68
.4	.61	.63	.65	.66	.67	.68	.69	.69	.70	.70	.70	.70	.70
.5	.63	.65	.66	.68	.69	.70	.71	.71	.72	.72	.72	.73	.73
.6	.64	.67	.68	.70	.71	.72	.73	.73	.74	.74	.74	.75	.75
.7	.66	.69	.70	.71	.72	.73	.75	.75	.76	.76	.76	.77	.77
.8	.68	.70	.72	.73	.74	.75	.77	.77	.78	.78	.78	.79	.79
.9	.69	.72	.74	.75	.76	.77	.79	.79	.80	.80	.80	.81	.81
<b>32.0</b>	<b>0.71</b>	<b>0.74</b>	<b>0.75</b>	<b>0.77</b>	<b>0.78</b>	<b>0.79</b>	<b>0.81</b>	<b>0.81</b>	<b>0.82</b>	<b>0.82</b>	<b>0.82</b>	<b>0.83</b>	<b>0.83</b>
.1	.73	.76	.77	.79	.80	.81	.83	.83	.84	.84	.84	.85	.85
.2	.74	.78	.79	.81	.82	.83	.85	.85	.86	.86	.86	.87	.87
.3	.76	.79	.81	.83	.84	.85	.87	.87	.88	.88	.88	.89	.89
.4	.78	.81	.83	.85	.86	.87	.89	.89	.90	.90	.90	.91	.91
.5	.79	.83	.85	.86	.87	.89	.90	.91	.92	.92	.92	.93	.93
.6	.81	.85	.86	.88	.89	.91	.92	.93	.94	.94	.95	.95	.95
.7	.83	.87	.88	.90	.91	.93	.94	.95	.96	.96	.97	.97	.97
.8	.85	.88	.90	.92	.93	.95	.96	.97	.98	.98	.99	.99	.99
.9	.86	.90	.92	.94	.95	.97	0.98	0.99	1.00	1.00	1.01	1.01	1.01
<b>33.0</b>	<b>0.88</b>	<b>0.92</b>	<b>0.93</b>	<b>0.96</b>	<b>0.97</b>	<b>0.99</b>	<b>1.00</b>	<b>1.01</b>	<b>1.02</b>	<b>1.02</b>	<b>1.03</b>	<b>1.03</b>	<b>1.03</b>
.1	.90	.94	.95	.98	.99	1.01	.02	.03	.04	.04	.05	.05	.05
.2	.91	.95	.97	0.99	1.01	.03	.04	.05	.06	.06	.07	.07	.07
.3	.93	.97	0.98	1.01	.03	.05	.06	.07	.08	.08	.09	.09	.09
.4	.95	0.99	1.00	.03	.05	.07	.08	.09	.10	.10	.11	.11	.11
.5	.96	1.00	.02	.04	.06	.08	.09	.10	.11	.12	.12	.12	.13
.6	0.98	.02	.04	.06	.08	.10	.11	.12	.13	.14	.14	.14	.15
.7	1.00	.04	.06	.08	.10	.12	.13	.14	.15	.16	.16	.16	.17
.8	.02	.06	.07	.10	.12	.14	.15	.16	.17	.18	.18	.18	.19
.9	.03	.07	.09	.11	.14	.16	.17	.18	.19	.20	.20	.20	.21
<b>34.0</b>	<b>1.05</b>	<b>1.09</b>	<b>1.11</b>	<b>1.13</b>	<b>1.16</b>	<b>1.18</b>	<b>1.19</b>	<b>1.20</b>	<b>1.21</b>	<b>1.22</b>	<b>1.22</b>	<b>1.22</b>	<b>1.23</b>

**Example:**  $\sigma_0 = 33.45$

observed temperature = 12°.85

adjustment = 1°.05

adjusted temperature = 13°.90

t°	D	t°	D												
20.59	3.50	23.00	4.17	25.26	4.84	27.39	5.51	29.42	6.18	31.37	6.85	33.20	7.51		
20.63	3.51	23.04	4.18	25.29	4.85	27.42	5.52	29.45	6.19	31.39	6.86	33.23	7.52		
20.66	3.52	23.07	4.19	25.33	4.86	27.46	5.53	29.48	6.20	31.42	6.87	33.25	7.53		
20.70	3.53	23.11	4.20	25.36	4.87	27.49	5.54	29.51	6.21	31.45	6.88	33.28	7.54		
20.74	3.54	23.14	4.21	25.39	4.88	27.52	5.55	29.54	6.22	31.48	6.89	33.31	7.55		
20.78	3.55	23.17	4.22	25.42	4.89	27.55	5.56	29.57	6.23	31.51	6.90	33.34	7.56		
20.81	3.56	23.21	4.23	25.46	4.90	27.58	5.57	29.60	6.24	31.54	6.91	33.36	7.57		
20.85	3.57	23.24	4.24	25.49	4.91	27.61	5.58	29.63	6.25	31.56	6.92	33.39	7.58		
20.89	3.58	23.28	4.25	25.52	4.92	27.64	5.59	29.66	6.26	31.59	6.93	33.42	7.59		
20.92	3.59	23.31	4.26	25.55	4.93	27.67	5.60	29.69	6.27	31.62	6.94	33.45	7.60		
20.96	3.60	23.35	4.27	25.59	4.94	27.70	5.61	29.72	6.28	31.65	6.95	33.47	7.61		
21.00	3.61	23.38	4.28	25.62	4.95	27.73	5.62	29.75	6.29	31.68	6.96	33.50	7.62		
21.03	3.62	23.42	4.29	25.65	4.96	27.76	5.63	29.78	6.30	31.71	6.97	33.53	7.63		
21.07	3.63	23.45	4.30	25.68	4.97	27.80	5.64	29.81	6.31	31.73	6.98	33.55	7.64		
21.11	3.64	23.49	4.31	25.72	4.98	27.83	5.65	29.84	6.32	31.76	6.99	33.58	7.65		
21.14	3.65	23.52	4.32	25.75	4.99	27.86	5.66	29.87	6.33	31.79	7.00	33.61	7.66		
21.18	3.66	23.55	4.33	25.78	5.00	27.89	5.67	29.90	6.34	31.82	7.01	33.64	7.67		
21.22	3.67	23.59	4.34	25.81	5.01	27.92	5.68	29.92	6.35	31.85	7.02	33.66	7.68		
21.25	3.68	23.62	4.35	25.85	5.02	27.95	5.69	29.95	6.36	31.87	7.03	33.69	7.69		
21.29	3.69	23.66	4.36	25.88	5.03	27.98	5.70	29.98	6.37	31.90	7.04	33.72	7.70		
21.33	3.70	23.69	4.37	25.91	5.04	28.01	5.71	30.01	6.38	31.93	7.05	33.74	7.71		
21.36	3.71	23.73	4.38	25.94	5.05	28.04	5.72	30.04	6.39	31.96	7.06	33.77	7.72		
21.40	3.72	23.76	4.39	25.97	5.06	28.07	5.73	30.07	6.40	31.99	7.07	33.80	7.73		
21.44	3.73	23.79	4.40	26.01	5.07	28.10	5.74	30.10	6.41	32.01	7.08	33.83	7.74		
21.47	3.74	23.83	4.41	26.04	5.08	28.13	5.75	30.13	6.42	32.04	7.09	33.85	7.75		
21.51	3.75	23.86	4.42	26.07	5.09	28.16	5.76	30.16	6.43	32.07	7.10	33.88	7.76		
21.55	3.76	23.90	4.43	26.10	5.10	28.19	5.77	30.19	6.44	32.10	7.11	33.91	7.77		
21.58	3.77	23.93	4.44	26.13	5.11	28.22	5.78	30.22	6.45	32.13	7.12	33.93	7.78		
21.62	3.78	23.96	4.45	26.17	5.12	28.25	5.79	30.25	6.46	32.16	7.13	33.96	7.79		
21.65	3.79	24.00	4.46	26.20	5.13	28.28	5.80	30.27	6.47	32.18	7.14	33.99	7.80		
21.69	3.80	24.03	4.47	26.23	5.14	28.31	5.81	30.30	6.48	32.21	7.15	34.01	7.81		
21.73	3.81	24.06	4.48	26.26	5.15	28.34	5.82	30.33	6.49	32.24	7.16	34.04	7.82		
21.76	3.82	24.10	4.49	26.29	5.16	28.37	5.83	30.36	6.50	32.27	7.17	34.07	7.83		
21.80	3.83	24.13	4.50	26.33	5.17	28.41	5.84	30.39	6.51	32.29	7.18	34.09	7.84		
21.84	3.84	24.17	4.51	26.36	5.18	28.44	5.85	30.42	6.52	32.32	7.19	34.11	7.85		
21.87	3.85	24.20	4.52	26.39	5.19	28.47	5.86	30.45	6.53	32.35	7.20	34.14	7.86		
21.91	3.86	24.23	4.53	26.42	5.20	28.50	5.87	30.48	6.54	32.38	7.21				
21.94	3.87	24.27	4.54	26.45	5.21	28.53	5.88	30.51	6.55	32.41	7.22				
21.98	3.88	24.30	4.55	26.48	5.22	28.56	5.89	30.54	6.56	32.43	7.23				
22.01	3.89	24.33	4.56	26.52	5.23	28.59	5.90	30.57	6.57	32.46	7.24				
22.05	3.90	24.37	4.57	26.55	5.24	28.62	5.91	30.59	6.58	32.49	7.25				
22.09	3.91	24.40	4.58	26.58	5.25	28.65	5.92	30.62	6.59	32.52	7.26				
22.12	3.92	24.43	4.59	26.61	5.26	28.68	5.93	30.65	6.60	32.55	7.27				
22.16	3.93	24.47	4.60	26.64	5.27	28.71	5.94	30.68	6.61	32.57	7.28				
22.19	3.94	24.50	4.61	26.67	5.28	28.74	5.95	30.71	6.62	32.60	7.29				
22.23	3.95	24.53	4.62	26.71	5.29	28.77	5.96	30.74	6.63	32.63	7.30				
22.26	3.96	24.57	4.63	26.74	5.30	28.80	5.97	30.77	6.64	32.66	7.31				
22.30	3.97	24.60	4.64	26.77	5.31	28.83	5.98	30.79	6.65	32.68	7.32				
22.33	3.98	24.63	4.65	26.80	5.32	28.86	5.99	30.82	6.66	32.71	7.33				
22.37	3.99	24.67	4.66	26.83	5.33	28.89	6.00	30.85	6.67	32.74	7.34				
22.41	4.00	24.70	4.67	26.86	5.34	28.92	6.01	30.88	6.68	32.76	7.35				
22.44	4.01	24.73	4.68	26.89	5.35	28.95	6.02	30.91	6.69	32.79	7.36				
22.48	4.02	24.77	4.69	26.93	5.36	28.98	6.03	30.94	6.70	32.82	7.37				
22.51	4.03	24.80	4.70	26.96	5.37	29.01	6.04	30.97	6.71	32.85	7.38				
22.55	4.04	24.83	4.71	26.99	5.38	29.04	6.05	30.99	6.72	32.87	7.39				
22.58	4.05	24.87	4.72	27.02	5.39	29.07	6.06	31.02	6.73	32.90	7.40				
22.62	4.06	24.90	4.73	27.05	5.40	29.10	6.07	31.05	6.74	32.93	7.41				
22.65	4.07	24.93	4.74	27.08	5.41	29.13	6.08	31.08	6.75	32.95	7.42				
22.69	4.08	24.96	4.75	27.11	5.42	29.16	6.09	31.11	6.76	32.98	7.43				
22.72	4.09	25.00	4.76	27.14	5.43	29.19	6.10	31.14	6.77	xxx	xxx				
22.76	4.10	25.03	4.77	27.18	5.44	29.22	6.11	31.17	6.78	33.01	7.44				
22.79	4.11	25.06	4.78	27.21	5.45	29.25	6.12	31.19	6.79	33.04	7.45				
22.83	4.12	25.10	4.79	27.24	5.46	29.27	6.13	31.22	6.80	33.06	7.46				
22.86	4.13	25.13	4.80	27.27	5.47	29.30	6.14	31.25	6.81	33.09	7.47				
22.90	4.14	25.16	4.81	27.30	5.48	29.33	6.15	31.28	6.82	33.12	7.48				
22.93	4.15	25.19	4.82	27.33	5.49	29.36	6.16	31.31	6.83	33.15	7.49				
22.97	4.16	25.23	4.83	27.36	5.50	29.39	6.17	31.34	6.84	33.17	7.50				
23.00	4.17	25.26	4.84	27.39	5.51	29.42	6.18	31.37	6.85	33.20	7.51				

This Table is not to be used to calculate D for temperatures higher than 33°.00 C.

	21°	22°	23°	24°	25°	26°	27°	28°	29°	30°	31°	32°	33°
<b>31.0</b>	<b>0.62</b>	<b>0.61</b>	<b>0.61</b>	<b>0.60</b>	<b>0.60</b>	<b>0.60</b>	<b>0.58</b>						
.1	.64	.64	.64	.64	.64	.64	.64	.63	.63	.62	.62	.62	.60
.2	.66	.66	.66	.66	.66	.66	.66	.65	.65	.64	.64	.64	.62
.3	.68	.68	.68	.68	.68	.68	.68	.67	.67	.66	.66	.66	.64
.4	.70	.70	.70	.70	.70	.70	.70	.69	.69	.68	.68	.68	.66
.5	.73	.73	.73	.72	.72	.72	.72	.71	.71	.70	.70	.70	.68
.6	.75	.75	.75	.74	.74	.74	.74	.73	.73	.72	.72	.72	.70
.7	.77	.77	.77	.76	.76	.76	.76	.75	.75	.74	.74	.73	.71
.8	.79	.79	.79	.78	.79	.78	.78	.77	.77	.76	.76	.75	.73
.9	.81	.81	.81	.80	.81	.80	.80	.79	.79	.78	.78	.77	.75
<b>32.0</b>	<b>0.83</b>	<b>0.83</b>	<b>0.83</b>	<b>0.83</b>	<b>0.83</b>	<b>0.82</b>	<b>0.82</b>	<b>0.81</b>	<b>0.81</b>	<b>0.80</b>	<b>0.80</b>	<b>0.79</b>	<b>0.77</b>
.1	.85	.85	.85	.85	.85	.84	.84	.83	.83	.82	.82	.81	.79
.2	.87	.87	.87	.87	.87	.86	.86	.85	.85	.84	.84	.83	.81
.3	.89	.89	.89	.89	.89	.88	.88	.87	.87	.86	.86	.85	.83
.4	.91	.91	.91	.91	.91	.90	.90	.89	.89	.88	.88	.87	.85
.5	.93	.93	.93	.93	.93	.92	.92	.91	.90	.89	.89	.88	.87
.6	.95	.95	.95	.95	.95	.94	.94	.93	.92	.91	.91	.90	.89
.7	.97	.97	.97	.97	.97	.96	.96	.95	.94	.93	.93	.92	.91
.8	0.99	0.99	0.99	0.99	0.99	0.98	0.98	.97	.96	.95	.95	.94	.93
.9	1.01	1.01	1.01	1.01	1.01	1.00	1.00	0.99	0.98	.97	.97	.96	.95
<b>33.0</b>	<b>1.03</b>	<b>1.03</b>	<b>1.03</b>	<b>1.03</b>	<b>1.03</b>	<b>1.02</b>	<b>1.02</b>	<b>1.01</b>	<b>1.00</b>	<b>0.99</b>	<b>0.99</b>	<b>0.98</b>	<b>0.97</b>
.1	.05	.05	.05	.05	.05	.04	.04	.03	.02	1.01	1.01	1.00	.99
.2	.07	.07	.07	.07	.07	.06	.06	.05	.04	.03	.03	.02	1.01
.3	.09	.09	.09	.09	.09	.08	.08	.07	.06	.05	.05	.04	.02
.4	.11	.11	.11	.11	.11	.10	.10	.09	.08	.07	.07	.06	.04
.5	.13	.13	.13	.13	.12	.12	.11	.10	.10	.09	.08	.07	.06
.6	.15	.15	.15	.15	.14	.14	.13	.12	.12	.11	.10	.09	.08
.7	.17	.17	.17	.17	.16	.16	.15	.14	.14	.13	.12	.11	.10
.8	.19	.19	.19	.19	.18	.18	.17	.16	.16	.15	.14	.13	.11
.9	.21	.21	.21	.21	.20	.20	.19	.18	.18	.17	.16	.15	.13
<b>34.0</b>	<b>1.23</b>	<b>1.23</b>	<b>1.23</b>	<b>1.23</b>	<b>1.22</b>	<b>1.22</b>	<b>1.21</b>	<b>1.20</b>	<b>1.20</b>	<b>1.19</b>	<b>1.18</b>	<b>1.17</b>	<b>1.15</b>

**Example:**  $\sigma_0 = 33.10$ 

observed temperature = 31°.65

adjustment = 1°.00

adjusted temperature = 32°.65

