

DS1620 Positive Temperatures

| °C | °F | Binary Digital | Hex Digital |
|---------|-------|----------------|-------------|
| + 125.0 | 257.0 | %0 11111010 | \$00FA |
| + 124.5 | 256.1 | %0 11111001 | \$00F9 |
| + 124.0 | 255.2 | %0 11111000 | \$00F8 |
| + 123.5 | 254.3 | %0 11110111 | \$00F7 |
| + 123.0 | 253.4 | %0 11110110 | \$00F6 |
| + 122.5 | 252.5 | %0 11110101 | \$00F5 |
| + 122.0 | 251.6 | %0 11110100 | \$00F4 |
| + 121.5 | 250.7 | %0 11110011 | \$00F3 |
| + 121.0 | 249.8 | %0 11110010 | \$00F2 |
| + 120.5 | 248.9 | %0 11110001 | \$00F1 |
| + 120.0 | 248.0 | %0 11110000 | \$00F0 |
| + 119.5 | 247.1 | %0 11101111 | \$00EF |
| + 119.0 | 246.2 | %0 11101110 | \$00EE |
| + 118.5 | 245.3 | %0 11101101 | \$00ED |
| + 118.0 | 244.4 | %0 11101100 | \$00EC |
| + 117.5 | 243.5 | %0 11101011 | \$00EB |
| + 117.0 | 242.6 | %0 11101010 | \$00EA |
| + 116.5 | 241.7 | %0 11101001 | \$00E9 |
| + 116.0 | 240.8 | %0 11101000 | \$00E8 |
| + 115.5 | 239.9 | %0 11100111 | \$00E7 |
| + 115.0 | 239.0 | %0 11100110 | \$00E6 |
| + 114.5 | 238.1 | %0 11100101 | \$00E5 |
| + 114.0 | 237.2 | %0 11100100 | \$00E4 |
| + 113.5 | 236.3 | %0 11100011 | \$00E3 |
| + 113.0 | 235.4 | %0 11100010 | \$00E2 |
| + 112.5 | 234.5 | %0 11100001 | \$00E1 |
| + 112.0 | 233.6 | %0 11100000 | \$00E0 |
| + 111.5 | 232.7 | %0 11011111 | \$00DF |
| + 111.0 | 231.8 | %0 11011110 | \$00DE |
| + 110.5 | 230.9 | %0 11011101 | \$00DD |
| + 110.0 | 230.0 | %0 11011100 | \$00DC |
| + 109.5 | 229.1 | %0 11011011 | \$00DB |
| + 109.0 | 228.2 | %0 11011010 | \$00DA |
| + 108.5 | 227.3 | %0 11011001 | \$00D9 |
| + 108.0 | 226.4 | %0 11011000 | \$00D8 |
| + 107.5 | 225.5 | %0 11010111 | \$00D7 |
| + 107.0 | 224.6 | %0 11010110 | \$00D6 |
| + 106.5 | 223.7 | %0 11010101 | \$00D5 |
| + 106.0 | 222.8 | %0 11010100 | \$00D4 |
| + 105.5 | 221.9 | %0 11010011 | \$00D3 |
| + 105.0 | 221.0 | %0 11010010 | \$00D2 |
| + 104.5 | 220.1 | %0 11010001 | \$00D1 |
| + 104.0 | 219.2 | %0 11010000 | \$00D0 |
| + 103.5 | 218.3 | %0 11001111 | \$00CF |
| + 103.0 | 217.4 | %0 11001110 | \$00CE |
| + 102.5 | 216.5 | %0 11001101 | \$00CD |
| + 102.0 | 215.6 | %0 11001100 | \$00CC |
| + 101.5 | 214.7 | %0 11001011 | \$00CB |
| + 101.0 | 213.8 | %0 11001010 | \$00CA |
| + 100.5 | 212.9 | %0 11001001 | \$00C9 |

DS1620 Positive Temperatures

| °C | °F | Binary Digital | Hex Digital |
|---------|-------|----------------|-------------|
| + 100.0 | 212.0 | %0 11001000 | \$00C8 |
| + 99.5 | 211.1 | %0 11000111 | \$00C7 |
| + 99.0 | 210.2 | %0 11000110 | \$00C6 |
| + 98.5 | 209.3 | %0 11000101 | \$00C5 |
| + 98.0 | 208.4 | %0 11000100 | \$00C4 |
| + 97.5 | 207.5 | %0 11000011 | \$00C3 |
| + 97.0 | 206.6 | %0 11000010 | \$00C2 |
| + 96.5 | 205.7 | %0 11000001 | \$00C1 |
| + 96.0 | 204.8 | %0 11000000 | \$00C0 |
| + 95.5 | 203.9 | %0 10111111 | \$00BF |
| + 95.0 | 203.0 | %0 10111110 | \$00BE |
| + 94.5 | 202.1 | %0 10111101 | \$00BD |
| + 94.0 | 201.2 | %0 10111100 | \$00BC |
| + 93.5 | 200.3 | %0 10111011 | \$00BB |
| + 93.0 | 199.4 | %0 10111010 | \$00BA |
| + 92.5 | 198.5 | %0 10111001 | \$00B9 |
| + 92.0 | 197.6 | %0 10111000 | \$00B8 |
| + 91.5 | 196.7 | %0 10110111 | \$00B7 |
| + 91.0 | 195.8 | %0 10110110 | \$00B6 |
| + 90.5 | 194.9 | %0 10110101 | \$00B5 |
| + 90.0 | 194.0 | %0 10110100 | \$00B4 |
| + 89.5 | 193.1 | %0 10110011 | \$00B3 |
| + 89.0 | 192.2 | %0 10110010 | \$00B2 |
| + 88.5 | 191.3 | %0 10110001 | \$00B1 |
| + 88.0 | 190.4 | %0 10110000 | \$00B0 |
| + 87.5 | 189.5 | %0 10101111 | \$00AF |
| + 87.0 | 188.6 | %0 10101110 | \$00AE |
| + 86.5 | 187.7 | %0 10101101 | \$00AD |
| + 86.0 | 186.8 | %0 10101100 | \$00AC |
| + 85.5 | 185.9 | %0 10101011 | \$00AB |
| + 85.0 | 185.0 | %0 10101010 | \$00AA |
| + 84.5 | 184.1 | %0 10101001 | \$00A9 |
| + 84.0 | 183.2 | %0 10101000 | \$00A8 |
| + 83.5 | 182.3 | %0 10100111 | \$00A7 |
| + 83.0 | 181.4 | %0 10100110 | \$00A6 |
| + 82.5 | 180.5 | %0 10100101 | \$00A5 |
| + 82.0 | 179.6 | %0 10100100 | \$00A4 |
| + 81.5 | 178.7 | %0 10100011 | \$00A3 |
| + 81.0 | 177.8 | %0 10100010 | \$00A2 |
| + 80.5 | 176.9 | %0 10100001 | \$00A1 |
| + 80.0 | 176.0 | %0 10100000 | \$00A0 |
| + 79.5 | 175.1 | %0 10011111 | \$009F |
| + 79.0 | 174.2 | %0 10011110 | \$009E |
| + 78.5 | 173.3 | %0 10011101 | \$009D |
| + 78.0 | 172.4 | %0 10011100 | \$009C |
| + 77.5 | 171.5 | %0 10011011 | \$009B |
| + 77.0 | 170.6 | %0 10011010 | \$009A |
| + 76.5 | 169.7 | %0 10011001 | \$0099 |
| + 76.0 | 168.8 | %0 10011000 | \$0098 |
| + 75.5 | 167.9 | %0 10010111 | \$0097 |

DS1620 Positive Temperatures

| °C | °F | Binary Digital Output | Hex Digital Output |
|--------|-------|-----------------------|--------------------|
| + 75.0 | 167.0 | %0 10010110 | \$0096 |
| + 74.5 | 166.1 | %0 10010101 | \$0095 |
| + 74.0 | 165.2 | %0 10010100 | \$0094 |
| + 73.5 | 164.3 | %0 10010011 | \$0093 |
| + 73.0 | 163.4 | %0 10010010 | \$0092 |
| + 72.5 | 162.5 | %0 10010001 | \$0091 |
| + 72.0 | 161.6 | %0 10010000 | \$0090 |
| + 71.5 | 160.7 | %0 10001111 | \$008F |
| + 71.0 | 159.8 | %0 10001110 | \$008E |
| + 70.5 | 158.9 | %0 10001101 | \$008D |
| + 70.0 | 158.0 | %0 10001100 | \$008C |
| + 69.5 | 157.1 | %0 10001011 | \$008B |
| + 69.0 | 156.2 | %0 10001010 | \$008A |
| + 68.5 | 155.3 | %0 10001001 | \$0089 |
| + 68.0 | 154.4 | %0 10001000 | \$0088 |
| + 67.5 | 153.5 | %0 10000111 | \$0087 |
| + 67.0 | 152.6 | %0 10000110 | \$0086 |
| + 66.5 | 151.7 | %0 10000101 | \$0085 |
| + 66.0 | 150.8 | %0 10000100 | \$0084 |
| + 65.5 | 149.9 | %0 10000011 | \$0083 |
| + 65.0 | 149.0 | %0 10000010 | \$0082 |
| + 64.5 | 148.1 | %0 10000001 | \$0081 |
| + 64.0 | 147.2 | %0 10000000 | \$0080 |
| + 63.5 | 146.3 | %0 01111111 | \$007F |
| + 63.0 | 145.4 | %0 01111110 | \$007E |
| + 62.5 | 144.5 | %0 01111101 | \$007D |
| + 62.0 | 143.6 | %0 01111100 | \$007C |
| + 61.5 | 142.7 | %0 01111011 | \$007B |
| + 61.0 | 141.8 | %0 01111010 | \$007A |
| + 60.5 | 140.9 | %0 01111001 | \$0079 |
| + 60.0 | 140.0 | %0 01111000 | \$0078 |
| + 59.5 | 139.1 | %0 01110111 | \$0077 |
| + 59.0 | 138.2 | %0 01110110 | \$0076 |
| + 58.5 | 137.3 | %0 01110101 | \$0075 |
| + 58.0 | 136.4 | %0 01110100 | \$0074 |
| + 57.5 | 135.5 | %0 01110011 | \$0073 |
| + 57.0 | 134.6 | %0 01110010 | \$0072 |
| + 56.5 | 133.7 | %0 01110001 | \$0071 |
| + 56.0 | 132.8 | %0 01110000 | \$0070 |
| + 55.5 | 131.9 | %0 01101111 | \$006F |
| + 55.0 | 131.0 | %0 01101110 | \$006E |
| + 54.5 | 130.1 | %0 01101101 | \$006D |
| + 54.0 | 129.2 | %0 01101100 | \$006C |
| + 53.5 | 128.3 | %0 01101011 | \$006B |
| + 53.0 | 127.4 | %0 01101010 | \$006A |
| + 52.5 | 126.5 | %0 01101001 | \$0069 |
| + 52.0 | 125.6 | %0 01101000 | \$0068 |
| + 51.5 | 124.7 | %0 01100111 | \$0067 |
| + 51.0 | 123.8 | %0 01100110 | \$0066 |
| + 50.5 | 122.9 | %0 01100101 | \$0065 |

DS1620 Positive Temperatures

| °C | °F | Binary Digital Output | Hex Digital Output |
|--------|-------|-----------------------|--------------------|
| + 50.0 | 122.0 | %0 01100100 | \$0064 |
| + 49.5 | 121.1 | %0 01100011 | \$0063 |
| + 49.0 | 120.2 | %0 01100010 | \$0062 |
| + 48.5 | 119.3 | %0 01100001 | \$0061 |
| + 48.0 | 118.4 | %0 01100000 | \$0060 |
| + 47.5 | 117.5 | %0 01011111 | \$005F |
| + 47.0 | 116.6 | %0 01011110 | \$005E |
| + 46.5 | 115.7 | %0 01011101 | \$005D |
| + 46.0 | 114.8 | %0 01011100 | \$005C |
| + 45.5 | 113.9 | %0 01011011 | \$005B |
| + 45.0 | 113.0 | %0 01011010 | \$005A |
| + 44.5 | 112.1 | %0 01011001 | \$0059 |
| + 44.0 | 111.2 | %0 01011000 | \$0058 |
| + 43.5 | 110.3 | %0 01010111 | \$0057 |
| + 43.0 | 109.4 | %0 01010110 | \$0056 |
| + 42.5 | 108.5 | %0 01010101 | \$0055 |
| + 42.0 | 107.6 | %0 01010100 | \$0054 |
| + 41.5 | 106.7 | %0 01010011 | \$0053 |
| + 41.0 | 105.8 | %0 01010010 | \$0052 |
| + 40.5 | 104.9 | %0 01010001 | \$0051 |
| + 40.0 | 104.0 | %0 01010000 | \$0050 |
| + 39.5 | 103.1 | %0 01001111 | \$004F |
| + 39.0 | 102.2 | %0 01001110 | \$004E |
| + 38.5 | 101.3 | %0 01001101 | \$004D |
| + 38.0 | 100.4 | %0 01001100 | \$004C |
| + 37.5 | 99.5 | %0 01001011 | \$004B |
| + 37.0 | 98.6 | %0 01001010 | \$004A |
| + 36.5 | 97.7 | %0 01001001 | \$0049 |
| + 36.0 | 96.8 | %0 01001000 | \$0048 |
| + 35.5 | 95.9 | %0 01000111 | \$0047 |
| + 35.0 | 95.0 | %0 01000110 | \$0046 |
| + 34.5 | 94.1 | %0 01000101 | \$0045 |
| + 34.0 | 93.2 | %0 01000100 | \$0044 |
| + 33.5 | 92.3 | %0 01000011 | \$0043 |
| + 33.0 | 91.4 | %0 01000010 | \$0042 |
| + 32.5 | 90.5 | %0 01000001 | \$0041 |
| + 32.0 | 89.6 | %0 01000000 | \$0040 |
| + 31.5 | 88.7 | %0 00111111 | \$003F |
| + 31.0 | 87.8 | %0 00111110 | \$003E |
| + 30.5 | 86.9 | %0 00111101 | \$003D |
| + 30.0 | 86.0 | %0 00111100 | \$003C |
| + 29.5 | 85.1 | %0 00111011 | \$003B |
| + 29.0 | 84.2 | %0 00111010 | \$003A |
| + 28.5 | 83.3 | %0 00111001 | \$0039 |
| + 28.0 | 82.4 | %0 00111000 | \$0038 |
| + 27.5 | 81.5 | %0 00110111 | \$0037 |
| + 27.0 | 80.6 | %0 00110110 | \$0036 |
| + 26.5 | 79.7 | %0 00110101 | \$0035 |
| + 26.0 | 78.8 | %0 00110100 | \$0034 |
| + 25.5 | 77.9 | %0 00110011 | \$0033 |

DS1620 Positive Temperatures

| °C | °F | Binary Digital Output | Hex Digital Output |
|--------|------|-----------------------|--------------------|
| + 25.0 | 77.0 | %0 00110010 | \$0032 |
| + 24.5 | 76.1 | %0 00110001 | \$0031 |
| + 24.0 | 75.2 | %0 00110000 | \$0030 |
| + 23.5 | 74.3 | %0 00101111 | \$002F |
| + 23.0 | 73.4 | %0 00101110 | \$002E |
| + 22.5 | 72.5 | %0 00101101 | \$002D |
| + 22.0 | 71.6 | %0 00101100 | \$002C |
| + 21.5 | 70.7 | %0 00101011 | \$002B |
| + 21.0 | 69.8 | %0 00101010 | \$002A |
| + 20.5 | 68.9 | %0 00101001 | \$0029 |
| + 20.0 | 68.0 | %0 00101000 | \$0028 |
| + 19.5 | 67.1 | %0 00100111 | \$0027 |
| + 19.0 | 66.2 | %0 00100110 | \$0026 |
| + 18.5 | 65.3 | %0 00100101 | \$0025 |
| + 18.0 | 64.4 | %0 00100100 | \$0024 |
| + 17.5 | 63.5 | %0 00100011 | \$0023 |
| + 17.0 | 62.6 | %0 00100010 | \$0022 |
| + 16.5 | 61.7 | %0 00100001 | \$0021 |
| + 16.0 | 60.8 | %0 00100000 | \$0020 |
| + 15.5 | 59.9 | %0 00011111 | \$001F |
| + 15.0 | 59.0 | %0 00011110 | \$001E |
| + 14.5 | 58.1 | %0 00011101 | \$001D |
| + 14.0 | 57.2 | %0 00011100 | \$001C |
| + 13.5 | 56.3 | %0 00011011 | \$001B |
| + 13.0 | 55.4 | %0 00011010 | \$001A |
| + 12.5 | 54.5 | %0 00011001 | \$0019 |
| + 12.0 | 53.6 | %0 00011000 | \$0018 |
| + 11.5 | 52.7 | %0 00010111 | \$0017 |
| + 11.0 | 51.8 | %0 00010110 | \$0016 |
| + 10.5 | 50.9 | %0 00010101 | \$0015 |
| + 10.0 | 50.0 | %0 00010100 | \$0014 |
| + 9.5 | 49.1 | %0 00010011 | \$0013 |
| + 9.0 | 48.2 | %0 00010010 | \$0012 |
| + 8.5 | 47.3 | %0 00010001 | \$0011 |
| + 8.0 | 46.4 | %0 00010000 | \$0010 |
| + 7.5 | 45.5 | %0 00001111 | \$000F |
| + 7.0 | 44.6 | %0 00001110 | \$000E |
| + 6.5 | 43.7 | %0 00001101 | \$000D |
| + 6.0 | 42.8 | %0 00001100 | \$000C |
| + 5.5 | 41.9 | %0 00001011 | \$000B |
| + 5.0 | 41.0 | %0 00001010 | \$000A |
| + 4.5 | 40.1 | %0 00001001 | \$0009 |
| + 4.0 | 39.2 | %0 00001000 | \$0008 |
| + 3.5 | 38.3 | %0 00000111 | \$0007 |
| + 3.0 | 37.4 | %0 00000110 | \$0006 |
| + 2.5 | 36.5 | %0 00000101 | \$0005 |
| + 2.0 | 35.6 | %0 00000100 | \$0004 |
| + 1.5 | 34.7 | %0 00000011 | \$0003 |
| + 1.0 | 33.8 | %0 00000010 | \$0002 |
| + 0.5 | 32.9 | %0 00000001 | \$0001 |
| + 0.0 | 32.0 | %0 00000000 | \$0000 |