MAXIMUM TEMPERATURE RANGE

Thermocouple Grade

328 to 2282°F

– 200 to 1250°C **Extension Grade**

32 to 392°F 0 to 200°C LIMITS OF ERROR

Children of Error (whichever is greater) Standard: 2.2°C or 0.75% Above 0°C 2.2°C or 2.0% Below 0°C Special: 1.1°C or 0.4%

COMMENTS, BARE WIRE ENVIRONMENT:

Clean Oxidizing and Inert; Limited Use in Vacuum or Reducing; Wide Temperature Range; Most Popular Calibration

TEMPERATURE IN DEGREES °C

REFERENCE JUNCTION AT 0°C

Extension Grade

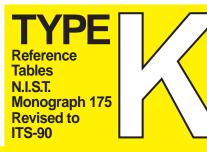




Nickel-Chromium VS. Nickel-Aluminum



Revised Thermocouple Reference Tables



Thermoelectric Voltage in Millivolts

										11101	moci	SCIIIC 1	ollage	, 111 1411	ilivoits	,									
°C	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	°C	°C	0	1	2	3	4	5	6	7	8	9	10	°C
													250				10.276								250
													260				10.684								260
													270				11.094								270
-260									-6.446				280				11.506								280
-250	-6.441	-6.438	-6.435	-6.432	-6.429	-6.425	-6.421	-6.417	-6.413	-6.408	-6.404	-250	290	11.795	11.836	11.877	11.919	11.960	12.001	12.043	12.084	12.126	12.167	12.209	290
									-6.358				300				12.333								300
									-6.280								12.748								310
-220									-6.181								13.165								320
-210 -200									-6.061				330 340				13.582								330 340
-200	-0.035	-6.021	-6.007	-5.994	-5.980	-5.965	-5.951	-5.936	-5.922	-5.907	-5.891	-200	340	13.874	13.916	13.958	14.000	14.042	14.084	14.126	14.167	14.209	14.251	14.293	340
-190	E 901	E 074	E 041	E 01E	E 920	E 012	E 707	E 700	-5.763	E 747	E 720	-190	350	14 202	14 225	14 277	14.419	14 441	14 502	14 5 45	14 507	14 4 20	14471	14712	350
-180									-5.588			-180	360				14.419								360
-170									-5.395								15.259								370
-160									-5.185								15.680								380
									-4.960								16.102								390
-130	-3.141	-3.117	-3.077	-3.074	-3.032	-3.027	-3.000	-4.703	-4.700	-4.730	-4.713	-130	370	13.773	10.017	10.037	10.102	10.144	10.100	10.220	10.270	10.515	10.555	10.377	370
-140	-4 913	-4 889	-4 865	-4 841	-4 817	-4 793	-4 768	-4 744	-4.719	-4 694	-4 669	-140	400	16 397	16 439	16 482	16.524	16 566	16 608	16 651	16 693	16 735	16 778	16.820	400
-130									-4.463				410				16.947								410
-120									-4.194				420				17.370								420
									-3.911								17.794								430
									-3.614								18.218								440
100	3.032	3.023	3.774	3.704	3.734	3.703	3.073	3.043	3.014	3.304	3.334	100	140	10.071	10.154	10.170	10.210	10.201	10.505	10.540	10.500	10.431	10.473	10.510	440
-90	-3 554	-3 523	-3 492	-3 462	-3 431	-3 400	-3 368	-3 337	-3.306	-3 274	-3 243	-90	450	18 516	18 558	18 601	18.643	18 686	18 728	18 771	18 813	18 856	18 898	18 941	450
									-2.986			-80	460				19.068								460
-70									-2.654			-70					19.494								470
									-2.312			-60					19.920								480
-50									-1.961			-50					20.346								490
-40	-1.889	-1.854	-1.818	-1.782	-1.745	-1.709	-1.673	-1.637	-1.600	-1.564	-1.527	-40	500	20.644	20.687	20.730	20.772	20.815	20.857	20.900	20.943	20.985	21.028	21.071	500
-30	-1.527	-1.490	-1.453	-1.417	-1.380	-1.343	-1.305	-1.268	-1.231	-1.194	-1.156	-30	510	21.071	21.113	21.156	21.199	21.241	21.284	21.326	21.369	21.412	21.454	21.497	510
-20	-1.156	-1.119	-1.081	-1.043	-1.006	-0.968	-0.930	-0.892	-0.854	-0.816	-0.778	-20	520	21.497	21.540	21.582	21.625	21.668	21.710	21.753	21.796	21.838	21.881	21.924	520
-10	-0.778	-0.739	-0.701	-0.663	-0.624	-0.586	-0.547	-0.508	-0.470	-0.431	-0.392	-10					22.052								530
0	-0.392	-0.353	-0.314	-0.275	-0.236	-0.197	-0.157	-0.118	-0.079	-0.039	0.000	0	540	22.350	22.393	22.435	22.478	22.521	22.563	22.606	22.649	22.691	22.734	22.776	540
0	0.000	0.039	0.079	0.119	0.158	0.198	0.238	0.277	0.317	0.357	0.397	0	550	22.776	22.819	22.862	22.904	22.947	22.990	23.032	23.075	23.117	23.160	23.203	550
10	0.397	0.437	0.477	0.517	0.557	0.597	0.637	0.677	0.718	0.758	0.798	10	560	23.203	23.245	23.288	23.331	23.373	23.416	23.458	23.501	23.544	23.586	23.629	560
20	0.798	0.838	0.879	0.919	0.960	1.000	1.041	1.081	1.122	1.163	1.203	20					23.757								570
30			1.285			1.407			1.530		1.612	30					24.182								580
40	1.612	1.653	1.694	1.735	1.776	1.817	1.858	1.899	1.941	1.982	2.023	40	590	24.480	24.523	24.565	24.608	24.650	24.693	24.735	24.778	24.820	24.863	24.905	590
50		2.064	2.106			2.230			2.354		2.436	50	600				25.033								600
60		2.478	2.519	2.561		2.644		2.727	2.768	2.810	2.851	60					25.458								610
70	2.851	2.893	2.934			3.059			3.184		3.267	70					25.882								620
80	3.267	3.308	3.350	3.391		3.474			3.599	3.640	3.682	80					26.306								630
90	3.682	3.723	3.765	3.806	3.848	3.889	3.931	3.972	4.013	4.055	4.096	90	640	26.602	26.644	26.687	26.729	26.771	26.814	26.856	26.898	26.940	26.983	27.025	640
100		4.138	4.179	4.220	4.262			4.385	4.427	4.468	4.509	100	650				27.152								650
110		4.550	4.591			4.715			4.838		4.920	110					27.574								660
120		4.961	5.002			5.124		5.206	5.247	5.288	5.328	120					27.995								670
130		5.369	5.410			5.532			5.653	5.694		130	680				28.416								680
140	5.735	5.775	5.815	5.856	5.896	5.937	5.977	6.017	6.058	6.098	6.138	140	690	28.710	28.752	28.794	28.835	28.877	28.919	28.961	29.003	29.045	29.087	29.129	690
150	/ 120	/ 170	/ 210	/ 250	/ 200	/ 220	/ 200	/ 420	/ //0	/ 500	/ 540	150	700	00.400	00 474	00.040	00.055	00 007	00 000	00 000	00.400	00.474	00.507	00 5 40	700
150 160		6.179	6.219 6.620			6.339 6.741			6.460 6.861	6.500		150 160	700 710				29.255 29.673								700 710
												.00	,												,
170 180	6.941 7.340	6.981 7.380	7.021 7.420	7.060 7.460		7.140 7.540		7.220	7.260 7.659	7.300 7.699	7.340	170 180	720 730				30.090 30.507								720 730
190	7.739	7.779	7.420	7.859				8.019	8.059	8.099	8.138	190					30.507								740
170	1.139	1.119	1.017	1.009	1.079	1.737	1.717	0.019	0.007	0.079	0.130	170	/40	30.798	30.040	JU.06 I	30.923	30.904	31.006	31.047	31.009	31.130	31.172	31.213	740
200	8.138	8.178	8.218	8.258	8.298	8.338	8.378	8.418	8.458	8.499	8.539	200	750	21 212	31 255	31 204	31.338	21 270	31 // 21	31 442	31 504	31 E4F	31 504	31 620	750
210	8.539	8.579	8.619			8.739		8.819	8.860		8.940	210	760				31.752								760
220		8.980	9.020	9.061		9.141				9.302		220	770				31.752								770
230	9 343	9.383	9.423			9.141				9.707		230					32.577								780
240	7.010		9.828						10.072			240					32.988								790
°C	0	1	2	3	4	5	6	7	8	9	10	°C	°C	0	1	2	3	4	5	6	7	8	9	10	°C

Revised Thermocouple Reference Tables

Tables N.I.S.T. **Monograph 175** Revised to **ITS-90**





Nickel-Chromium VS. Nickel-Aluminum

Thermocouple

Grade

Extension Grade



MAXIMUM TEMPERATURE RANGE Thermocouple Grade

– 328 to 228²°F - 200 to 1250°C

Extension Grade 32 to 392°F 0 to 200°C

LIMITS OF ERROR (whichever is greater) Standard: 2.2°C or 0.75% Above 0°C 2.2°C or 2.0% Below 0°C Special: 1.1°C or 0.4%

COMMENTS, BARE WIRE ENVIRONMENT:

Clean Oxidizing and Inert; Limited Use in Vacuum or Reducing; Wide Temperature
Range; Most Popular Calibration
TEMPERATURE IN DEGREES °C
REFERENCE JUNCTION AT 0°C

Thermoelectric Voltage in Millivolts

°C	0	1	2	3	4	5	6	7	8	9	10	°C	l °C	0	1	2	3	4	5	6	7	8	9	10	°C
800	33.275	33.316	33.357	33.398	33.439	33.480	33.521	33.562	33.603	33.644	33.685	800	1100	45.119	45.157	45.194	45.232	45.270	45.308	45.346	45.383	45.421	45.459	45.497	1100
810	33.685	33.726	33.767	33.808	33.848	33.889	33.930	33.971	34.012	34.053	34.093	810	1110	45.497	45.534	45.572	45.610	45.647	45.685	45.723	45.760	45.798	45.836	45.873	1110
820	34.093	34.134	34.175	34.216	34.257	34.297	34.338	34.379	34.420	34.460	34.501	820	1120	45.873	45.911	45.948	45.986	46.024	46.061	46.099	46.136	46.174	46.211	46.249	1120
830	34.501	34.542	34.582	34.623	34.664	34.704	34.745	34.786	34.826	34.867	34.908	830	1130	46.249	46.286	46.324	46.361	46.398	46.436	46.473	46.511	46.548	46.585	46.623	1130
840	34.908	34.948	34.989	35.029	35.070	35.110	35.151	35.192	35.232	35.273	35.313	840	1140	46.623	46.660	46.697	46.735	46.772	46.809	46.847	46.884	46.921	46.958	46.995	1140
850		35.354										850				47.070									
860		35.758										860				47.441									
870		36.162										870				47.811									
880		36.564										880				48.179									
890	36.925	36.965	37.006	37.046	37.086	37.126	37.166	37.206	37.246	37.286	37.326	890	1190	48.473	48.509	48.546	48.582	48.619	48.656	48.692	48.729	48.765	48.802	48.838	1190
000	27 224	37.366	27 404	27 444	27.404	27 524	27 544	27 (0)	27 646	27 404	27 725	900	1200	40.000	40.075	48.911	40.040	40.004	40.001	40.057	40.002	40 120	10.1//	40.202	1200
010		37.765										910	1200 1210			48.911									
910		38.164										920	1210			49.637									
920		38.561										930	1230			49.998									
930	38.918											940				50.358									
740	30.710	30.730	30.777	37.037	37.070	37.110	37.133	37.173	37.233	37.274	37.314	740	1240	30.200	30.322	30.330	30.373	30.427	30.403	30.301	30.337	30.372	30.000	30.044	1240
950	39.314	39.353	39.393	39.432	39.471	39.511	39.550	39.590	39.629	39.669	39.708	950	1250	50.644	50.680	50.715	50.751	50.787	50.822	50.858	50.894	50.929	50.965	51.000	1250
960	39.708	39.747	39.787	39.826	39.866	39,905	39,944	39,984	40.023	40.062	40.101	960	1260	51.000	51.036	51.071	51.107	51.142	51.178	51.213	51.249	51.284	51.320	51.355	1260
970	40.101											970				51.426									
980	40.494	40.533	40.572	40.611	40.651	40.690	40.729	40.768	40.807	40.846	40.885	980	1280	51.708	51.744	51.779	51.814	51.849	51.885	51.920	51.955	51.990	52.025	52.060	1280
990	40.885	40.924	40.963	41.002	41.042	41.081	41.120	41.159	41.198	41.237	41.276	990	1290	52.060	52.095	52.130	52.165	52.200	52.235	52.270	52.305	52.340	52.375	52.410	1290
1000	41.276	41.315	41.354	41.393	41.431	41.470	41.509	41.548	41.587	41.626	41.665	1000	1300	52.410	52.445	52.480	52.515	52.550	52.585	52.620	52.654	52.689	52.724	52.759	1300
1010	41.665	41.704	41.743	41.781	41.820	41.859	41.898	41.937	41.976	42.014	42.053	1010	1310	52.759	52.794	52.828	52.863	52.898	52.932	52.967	53.002	53.037	53.071	53.106	1310
1020	42.053	42.092	42.131	42.169	42.208	42.247	42.286	42.324	42.363	42.402	42.440	1020	1320	53.106	53.140	53.175	53.210	53.244	53.279	53.313	53.348	53.382	53.417	53.451	1320
1030		42.479														53.520									
1040	42.826	42.865	42.903	42.942	42.980	43.019	43.057	43.096	43.134	43.173	43.211	1040	1340	53.795	53.830	53.864	53.898	53.932	53.967	54.001	54.035	54.069	54.104	54.138	1340
	43.211															54.206									
	43.595															54.547	54.581	54.615	54.649	54.683	54.717	54.751	54.785	54.819	
	43.978												1370	54.819	54.852	54.886									1370
1080		44.397																							
1090	44.740	44.778	44.816	44.853	44.891	44.929	44.967	45.005	45.043	45.081	45.119	1090													
°C	0	1	2	3	4	5	6	7	8	9	10	°C	°C	0	1	2	3	4	5	6	7	8	9	10	°C

MAXIMUM TEMPERATURE RANGE

Thermocouple Grade

- 328 to 1652°F - 200 to 900°C

Extension Grade

32 to 392°F 0 to 200°C

LIMITS OF ERROR

Cwhichever is greater)

Standard: 1.7°C or 0.5% Above 0°C

1.7°C or 1.0% Below 0°C

Special: 1.0°C or 0.4%

COMMENTS, BARE WIRE ENVIRONMENT:

Oxidizing or Inert; Limited Use in Vacuum or Reducing; Highest EMF Change per Degree

TEMPERATURE IN DEGREES °C REFERENCE JUNCTION AT 0°C

Thermocouple Grade

Nickel-Chromium VS. Copper-Nickel

Extension Grade

Revised Thermocouple Reference Tables

Tables N.I.S.T. Monograph 175 Revised to **ITS-90**



Thermoelectric Voltage in Millivolts

°C	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0	°C	°C 350	0 24.964	1 25.044	2 25.123	3 25.202	4 25.281	5 25.360	6 25.440	7 25.519	8 25.598	9 25.678	10 25.757	°C 350
-260 -250							-9.817 -9.754					-260 -250	360 370 380 390	26.552 27.348	26.631 27.428	25.916 26.711 27.507 28.306	26.790 27.587	26.870 27.667	26.950 27.747	27.029 27.827	27.109 27.907	27.189 27.986	27.268 28.066	27.348 28.146	360 370 380 390
-240 -230 -220 -210 -200	-9.604 -9.455 -9.274	-9.709 -9.591 -9.438 -9.254 -9.040	-9.577 -9.421 -9.234	-9.563 -9.404 -9.214	-9.548 -9.386 -9.193	-9.666 -9.534 -9.368 -9.172 -8.947	-9.519	-9.503 -9.331 -9.129	-9.630 -9.487 -9.313 -9.107 -8.874	-9.293 -9.085	-9.604 -9.455 -9.274 -9.063 -8.825	-240 -230 -220 -210 -200	400 410 420 430 440	29.747 30.550 31.354	29.827 30.630 31.434	29.106 29.908 30.711 31.515 32.320	29.988 30.791 31.595	30.068 30.871 31.676	30.148 30.952 31.756	30.229 31.032 31.837	30.309 31.112 31.917	30.389 31.193 31.998	30.470 31.273 32.078	30.550 31.354 32.159	400 410 420 430 440
-190 -180 -170 -160 -150		-8.799 -8.533 -8.243 -7.931 -7.597	-8.505 -8.213	-8.477 -8.183 -7.866	-8.449 -8.152 -7.833	-8.420 -8.121 -7.800	-8.669 -8.391 -8.090 -7.767 -7.423	-8.362 -8.059 -7.733	-8.333 -8.027 -7.700	-7.995	-8.273 -7.963 -7.632	-190 -180 -170 -160 -150	450 460 470 480 490	33.772 34.579 35.387	33.852 34.660 35.468	33.126 33.933 34.741 35.549 36.358	34.014 34.822 35.630	34.095 34.902 35.711	34.175 34.983 35.792	34.256 35.064 35.873	34.337 35.145 35.954	34.418 35.226 36.034	34.498 35.307 36.115	34.579 35.387 36.196	450 460 470 480 490
-140 -130 -120 -110 -100		-6.869	-6.831 -6.436	-6.792 -6.396 -5.981	-6.753 -6.355 -5.939	-6.714 -6.314 -5.896		-6.636 -6.232 -5.810	-6.191 -5.767	-6.556 -6.149 -5.724	-6.516 -6.107 -5.681	-140 -130 -120 -110 -100	500 510 520 530 540	37.815 38.624 39.434	37.896 38.705 39.515	37.167 37.977 38.786 39.596 40.405	38.058 38.867 39.677	38.139 38.948 39.758	38.220 39.029 39.839	38.300 39.110 39.920	38.381 39.191 40.001	38.462 39.272 40.082	38.543 39.353 40.163	38.624 39.434 40.243	500 510 520 530 540
-90 -80 -70 -60 -50	-5.237 -4.777 -4.302 -3.811 -3.306	-5.192 -4.731 -4.254 -3.761 -3.255	-4.684 -4.205	-5.101 -4.636 -4.156 -3.661 -3.152	-4.589 -4.107	-4.542 -4.058 -3.561	-4.963 -4.494 -4.009 -3.510 -2.996	-4.446 -3.960 -3.459	-4.871 -4.398 -3.911 -3.408 -2.892	-4.350 -3.861		-90 -80 -70 -60 -50	550 560 570 580 590	41.862 42.671 43.479	41.943 42.751 43.560	41.215 42.024 42.832 43.640 44.448	42.105 42.913 43.721	42.185 42.994 43.802	42.266 43.075 43.883	42.347 43.156 43.963	42.428 43.236 44.044	42.509 43.317 44.125	42.590 43.398 44.206	42.671 43.479 44.286	550 560 570 580 590
-40 -30 -20 -10 0	-1.709		-2.147 -1.599	-2.093 -1.543 -0.982	-2.038 -1.488 -0.925	-1.984 -1.432 -0.868	-2.469 -1.929 -1.376 -0.811 -0.234	-1.874 -1.320 -0.754	-1.820 -1.264 -0.697	-1.765 -1.208	-2.255 -1.709 -1.152 -0.582 0.000	-40 -30 -20 -10 0	600 610 620 630 640	45.900 46.705 47.509	45.980 46.785 47.590	45.255 46.061 46.866 47.670 48.474	46.141 46.946 47.751	46.222 47.027 47.831	46.302 47.107 47.911	46.383 47.188 47.992	46.463 47.268 48.072	46.544 47.349 48.152	46.624 47.429 48.233	46.705 47.509 48.313	600 610 620 630 640
0 10 20 30 40	0.000 0.591 1.192 1.801 2.420	0.059 0.651 1.252 1.862 2.482	0.118 0.711 1.313 1.924 2.545	0.176 0.770 1.373 1.986 2.607	0.830	0.294 0.890 1.495 2.109 2.733	0.354 0.950 1.556 2.171 2.795	0.413 1.010 1.617 2.233 2.858	0.472 1.071 1.678 2.295 2.921	0.532 1.131 1.740 2.357 2.984	0.591 1.192 1.801 2.420 3.048	0 10 20 30 40	650 660 670 680 690	49.917 50.718	49.997 50.798	49.276 50.077 50.878 51.677 52.475	50.157 50.958	50.238	50.318 51.118	50.398 51 197	50.478 51.277	50.558 51.357	50.638 51.437	50.718 51.517	650 660 670 680 690
50 60 70 80 90	3.048 3.685 4.330 4.985 5.648	3.111 3.749 4.395 5.051 5.714	3.174 3.813 4.460 5.117 5.781	3.238 3.877 4.526 5.183 5.848	3.301 3.942 4.591 5.249 5.915	3.365 4.006 4.656 5.315 5.982	3.429 4.071 4.722 5.382 6.049	3.492 4.136 4.788 5.448 6.117	3.556 4.200 4.853 5.514 6.184	3.620 4.265 4.919 5.581 6.251	3.685 4.330 4.985 5.648 6.319	50 60 70 80 90	700 710 720 730 740	53.908 54.703 55.497	53.988 54.782 55.576	53.272 54.067 54.862 55.655 56.447	54.147 54.941 55.734	54.226 55.021 55.814	54.306 55.100 55.893	54.385 55.179 55.972	54.465 55.259 56.051	54.544 55.338 56.131	54.624 55.417 56.210	54.703 55.497 56.289	700 710 720 730 740
100 110 120 130 140	6.319 6.998 7.685 8.379 9.081	6.386 7.066 7.754 8.449 9.151	6.454 7.135 7.823 8.519 9.222	6.522 7.203 7.892 8.589 9.292	6.590 7.272 7.962 8.659 9.363	6.658 7.341 8.031 8.729 9.434	6.725 7.409 8.101 8.799 9.505	6.794 7.478 8.170 8.869 9.576	6.862 7.547 8.240 8.940 9.647	6.930 7.616 8.309 9.010 9.718	6.998 7.685 8.379 9.081 9.789	100 110 120 130 140	750 760 770 780 790	58.659 59.446	57.949 58.738 59.525	57.238 58.028 58.816 59.604 60.390	58.107 58.895 59.682	58.186 58.974 59.761	58.265 59.053 59.839	58.343 59.131 59.918	58.422 59.210 59.997	58.501 59.289 60.075	58.580 59.367 60.154	58.659 59.446 60.232	750 760 770 780 790
150 160 170 180 190	11.224 11.951	11.297 12.024	10.647 11.369 12.097	10.719 11.442 12.170	10.791 11.514 12.243	10.863 11.587 12.317	10.217 10.935 11.660 12.390 13.126	11.007 11.733 12.463	11.080 11.805 12.537	11.878 12.610	11.224 11.951 12.684	150 160 170 180 190	800 810 820 830 840	61.801 62.583 63.364	61.879 62.662 63.442	61.174 61.958 62.740 63.520 64.300	62.036 62.818 63.598	62.114 62.896 63.676	62.192 62.974 63.754	62.271 63.052 63.832	62.349 63.130 63.910	62.427 63.208 63.988	62.505 63.286 64.066	62.583 63.364 64.144	800 810 820 830 840
200 210 220 230 240	14.164 14.912 15.664	14.239 14.987 15.739	14.313 15.062 15.815	14.388 15.137 15.890	14.463 15.212 15.966	14.537 15.287 16.041	13.866 14.612 15.362 16.117 16.876	14.687 15.438 16.193	14.762 15.513 16.269	14.837 15.588 16.344	14.912 15.664 16.420	200 210 220 230 240	850 860 870 880 890	65.698 66.473	65.776 66.550	65.077 65.853 66.628 67.400 68.171	65.931 66.705	66.008 66.782	66.086 66.860	66.163 66.937	66.241 67.014	66.318 67.092	66.396 67.169	66.473 67.246	850 860 870 880 890
250 260 270 280 290	17.945 18.713 19.484	18.021 18.790 19.561	18.098 18.867 19.639	18.175 18.944 19.716	18.252 19.021 19.794	18.328 19.098 19.871	17.639 18.405 19.175 19.948 20.725	18.482 19.252 20.026	18.559 19.330 20.103	18.636 19.407 20.181	18.713 19.484 20.259	250 260 270 280 290	900 910 920 930 940	69.554 70.319 71.082	69.631 70.396 71.159	68.940 69.707 70.472 71.235 71.996	69.784 70.548 71.311	69.860 70.625 71.387	69.937 70.701 71.463	70.013 70.777 71.539	70.090 70.854 71.615	70.166 70.930 71.692	70.243 71.006 71.768	70.319 71.082 71.844	900 910 920 930 940
300 310 320 330 340	21.817 22.600 23.386	21.895 22.678 23.464	21.973 22.757 23.543	22.051 22.835 23.622	22.130 22.914 23.701	22.208 22.993 23.780	21.504 22.286 23.071 23.858 24.648	22.365 23.150 23.937	22.443 23.228 24.016	22.522 23.307 24.095	22.600 23.386	300 310 320 330 340	950 960 970 980 990	73.360 74.115	73.435 74.190 74.944	72.754 73.511 74.266 75.019 75.771	73.586 74.341 75.095	73.662 74.417 75.170	73.738 74.492 75.245	73.813 74.567 75.320	73.889 74.643 75.395	73.964 74.718 75.471	74.040 74.793 75.546	74.115 74.869 75.621	950 960 970 980 990
°C	0	1	2	3	4	5	6	7	8	9	10	°C	°C	0	1	2	3	4	5	6	7	8	9	10	°C