

RTD Temperature vs. Resistance Table

For American Curve, Alpha = .00392

1° Celsius Increments

°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms
-200	17.41	-138	43.83	-76	69.41	-15	94.02	47	118.57	109	142.67	171	166.32
-199	17.85	-137	44.24	-75	69.82	-14	94.42	48	118.96	110	143.06	172	166.70
-198	18.28	-136	44.66	-74	70.22	-13	94.82	49	119.35	111	143.44	173	167.08
-197	18.72	-135	45.08	-73	70.63	-12	95.22	50	119.75	112	143.83	174	167.45
-196	19.15	-134	45.50	-72	71.04	-11	95.62	51	120.14	113	144.21	175	167.83
-195	19.58	-133	45.92	-71	71.45	-10	96.02	52	120.53	114	144.59	176	168.21
-194	20.02	-132	46.33	-70	71.85	-9	96.41	53	120.92	115	144.98	177	168.59
-193	20.45	-131	46.75	-69	72.26	-8	96.81	54	121.31	116	145.36	178	168.96
-192	20.88	-130	47.17	-68	72.66	-7	97.21	55	121.71	117	145.75	179	169.34
-191	21.31	-129	47.58	-67	73.07	-6	97.61	56	122.10	118	146.13	180	169.72
-190	21.74	-128	48.00	-66	73.48	-5	98.01	57	122.49	119	146.52	181	170.09
-189	22.18	-127	48.42	-65	73.88	-4	98.41	58	122.88	120	146.90	182	170.47
-188	22.61	-126	48.83	-64	74.29	-3	98.81	59	123.27	121	147.28	183	170.85
-187	23.04	-125	49.25	-63	74.69	-2	99.20	60	123.66	122	147.67	184	171.22
-186	23.47	-124	49.66	-62	75.10	-1	99.60	61	124.05	123	148.05	185	171.60
-185	23.90	-123	50.08	-61	75.51	0	100.00	62	124.44	124	148.43	186	171.97
-184	24.33	-122	50.49	-60	75.91	1	100.40	63	124.83	125	148.82	187	172.35
-183	24.76	-121	50.91	-59	76.32	2	100.80	64	125.22	126	149.20	188	172.73
-182	25.19	-120	51.32	-58	76.72	3	101.19	65	125.61	127	149.58	189	173.10
-181	25.62	-119	51.74	-57	77.13	4	101.59	66	126.00	128	149.97	190	173.48
-180	26.05	-118	52.15	-56	77.53	5	101.99	67	126.39	129	150.35	191	173.85
-179	26.47	-117	52.57	-55	77.94	6	102.39	68	126.78	130	150.73	192	174.23
-178	26.90	-116	52.98	-54	78.34	7	102.78	69	127.17	131	151.11	193	174.60
-177	27.33	-115	53.40	-53	78.74	8	103.18	70	127.56	132	151.50	194	174.98
-176	27.76	-114	53.81	-52	79.15	9	103.58	71	127.95	133	151.88	195	175.35
-175	28.19	-113	54.22	-51	79.55	10	103.97	72	128.34	134	152.26	196	175.73
-174	28.61	-112	54.64	-50	79.96	11	104.37	73	128.73	135	152.64	197	176.10
-173	29.04	-111	55.05	-49	80.36	12	104.77	74	129.12	136	153.03	198	176.48
-172	29.47	-110	55.46	-48	80.76	13	105.16	75	129.51	137	153.41	199	176.85
-171	29.89	-109	55.88	-47	81.17	14	105.56	76	129.90	138	153.79	200	177.23
-170	30.32	-108	56.29	-46	81.57	15	105.95	77	130.29	139	154.17	201	177.60
-169	30.75	-107	56.70	-45	81.98	16	106.35	78	130.68	140	154.55	202	177.98
-168	31.17	-106	57.11	-44	82.38	17	106.75	79	131.07	141	154.93	203	178.35
-167	31.60	-105	57.53	-43	82.78	18	107.14	80	131.45	142	155.31	204	178.72
-166	32.02	-104	57.94	-42	83.18	19	107.54	81	131.84	143	155.70	205	179.10
-165	32.45	-103	58.35	-41	83.59	20	107.93	82	132.23	144	156.08	206	179.47
-164	32.87	-102	58.76	-40	83.99	21	108.33	83	132.62	145	156.46	207	179.85
-163	33.30	-101	59.17	-39	84.39	22	108.72	84	133.01	146	156.84	208	180.22
-162	33.72	-100	59.59	-38	84.80	23	109.12	85	133.40	147	157.22	209	180.59
-161	34.14	-99	60.00	-37	85.20	24	109.52	86	133.78	148	157.60	210	180.97
-160	34.57	-98	60.41	-36	85.60	25	109.91	87	134.17	149	157.98	211	181.34
-159	34.99	-97	60.82	-35	86.00	26	110.30	88	134.56	150	158.36	212	181.71
-158	35.41	-96	61.23	-34	86.40	27	110.70	89	134.95	151	158.74	213	182.09
-157	35.84	-95	61.64	-33	86.81	28	111.09	90	135.33	152	159.12	214	182.46
-156	36.26	-94	62.05	-32	87.21	29	111.49	91	135.72	153	159.50	215	182.83
-155	36.68	-93	62.46	-31	87.61	30	111.88	92	136.11	154	159.88	216	183.20
-154	37.10	-92	62.87	-30	88.01	31	112.28	93	136.49	155	160.26	217	183.58
-153	37.52	-91	63.28	-29	88.41	32	112.67	94	136.88	156	160.64	218	183.95
-152	37.95	-90	63.69	-28	88.81	33	113.07	95	137.27	157	161.02	219	184.32
-151	38.37	-89	64.10	-27	89.21	34	113.46	96	137.65	158	161.40	220	184.69
-150	38.79	-88	64.51	-26	89.62	35	113.85	97	138.04	159	161.78	221	185.06
-149	39.21	-87	64.92	-25	90.02	36	114.25	98	138.43	160	162.16	222	185.44
-148	39.63	-86	65.33	-24	90.42	37	114.64	99	138.81	161	162.54	223	185.81
-147	40.05	-85	65.74	-23	90.82	38	115.03	100	139.20	162	162.92	224	186.18
-146	40.47	-84	66.14	-22	91.22	39	115.43	101	139.59	163	163.29	225	186.55
-145	40.89	-83	66.55	-21	91.62	40	115.82	102	139.97	164	163.67	226	186.92
-144	41.31	-82	66.96	-20	92.02	41	116.21	103	140.36	165	164.05	227	187.29
-143	41.73	-81	67.37	-19	92.42	42	116.61	104	140.74	166	164.43	228	187.67
-142	42.15	-80	67.78	-18	92.82	43	117.00	105	141.13	167	164.81	229	188.04
-141	42.57	-79	68.19	-17	93.22	44	117.39	106	141.52	168	165.19	230	188.41
-140	42.99	-78	68.59	-16	93.62	45	117.79	107	141.90	169	165.56	231	188.78
-139	43.41	-77	69.00	-15	94.02	46	118.18	108	142.29	170	165.94	232	189.15

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°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms
233	189.52	295	212.27	357	234.56	419	256.41	481	277.81	543	298.75	605	319.25
234	189.89	296	212.63	358	234.92	420	256.76	482	278.15	544	299.09	606	319.57
235	190.26	297	212.99	359	235.28	421	257.11	483	278.49	545	299.42	607	319.90
236	190.63	298	213.36	360	235.63	422	257.46	484	278.83	546	299.75	608	320.23
237	191.00	299	213.72	361	235.99	423	257.81	485	279.17	547	300.09	609	320.55
238	191.37	300	214.08	362	236.34	424	258.15	486	279.51	548	300.42	610	320.88
239	191.74	301	214.45	363	236.70	425	258.50	487	279.85	549	300.75	611	321.20
240	192.11	302	214.81	364	237.05	426	258.85	488	280.19	550	301.09	612	321.53
241	192.48	303	215.17	365	237.41	427	259.20	489	280.53	551	301.42	613	321.86
242	192.85	304	215.53	366	237.76	428	259.55	490	280.88	552	301.75	614	322.18
243	193.22	305	215.89	367	238.12	429	259.89	491	281.22	553	302.09	615	322.51
244	193.59	306	216.26	368	238.47	430	260.24	492	281.56	554	302.42	616	322.83
245	193.96	307	216.62	369	238.83	431	260.59	493	281.90	555	302.75	617	323.16
246	194.33	308	216.98	370	239.18	432	260.93	494	282.24	556	303.09	618	323.49
247	194.70	309	217.34	371	239.54	433	261.28	495	282.58	557	303.42	619	323.81
248	195.06	310	217.70	372	239.89	434	261.63	496	282.92	558	303.75	620	324.14
249	195.43	311	218.06	373	240.25	435	261.98	497	283.25	559	304.08	621	324.46
250	195.80	312	218.43	374	240.60	436	262.32	498	283.59	560	304.42	622	324.79
251	196.17	313	218.79	375	240.95	437	262.67	499	283.93	561	304.75	623	325.11
252	196.54	314	219.15	376	241.31	438	263.02	500	284.27	562	305.08	624	325.44
253	196.91	315	219.51	377	241.66	439	263.36	501	284.61	563	305.41	625	325.76
254	197.28	316	219.87	378	242.01	440	263.71	502	284.95	564	305.74	626	326.08
255	197.64	317	220.23	379	242.37	441	264.05	503	285.29	565	306.07	627	326.41
256	198.01	318	220.59	380	242.72	442	264.40	504	285.63	566	306.41	628	326.73
257	198.38	319	220.95	381	243.08	443	264.75	505	285.97	567	306.74	629	327.06
258	198.75	320	221.31	382	243.43	444	265.09	506	286.31	568	307.07	630	327.38
259	199.11	321	221.67	383	243.78	445	265.44	507	286.64	569	307.40	631	327.71
260	199.48	322	222.03	384	244.13	446	265.78	508	286.98	570	307.73	632	328.03
261	199.85	323	222.39	385	244.49	447	266.13	509	287.32	571	308.06	633	328.35
262	200.22	324	222.75	386	244.84	448	266.47	510	287.66	572	308.39	634	328.68
263	200.58	325	223.11	387	245.19	449	266.82	511	288.00	573	308.72	635	329.00
264	200.95	326	223.47	388	245.54	450	267.17	512	288.34	574	309.05	636	329.32
265	201.32	327	223.83	389	245.90	451	267.51	513	288.67	575	309.39	637	329.65
266	201.68	328	224.19	390	246.25	452	267.86	514	289.01	576	309.72	638	329.97
267	202.05	329	224.55	391	246.60	453	268.20	515	289.35	577	310.05	639	330.29
268	202.42	330	224.91	392	246.95	454	268.54	516	289.69	578	310.38	640	330.62
269	202.78	331	225.27	393	247.30	455	268.89	517	290.02	579	310.71	641	330.94
270	203.15	332	225.63	394	247.66	456	269.23	518	290.36	580	311.04	642	331.26
271	203.52	333	225.99	395	248.01	457	269.58	519	290.70	581	311.37	643	331.58
272	203.88	334	226.35	396	248.36	458	269.92	520	291.03	582	311.70	644	331.91
273	204.25	335	226.70	397	248.71	459	270.27	521	291.37	583	312.02	645	332.23
274	204.61	336	227.06	398	249.06	460	270.61	522	291.71	584	312.35	646	332.55
275	204.98	337	227.42	399	249.41	461	270.95	523	292.04	585	312.68	647	332.87
276	205.34	338	227.78	400	249.76	462	271.30	524	292.38	586	313.01	648	333.19
277	205.71	339	228.14	401	250.12	463	271.64	525	292.72	587	313.34	649	333.52
278	206.08	340	228.50	402	250.47	464	271.99	526	293.05	588	313.67	650	333.84
279	206.44	341	228.85	403	250.82	465	272.33	527	293.39	589	314.00	651	334.16
280	206.81	342	229.21	404	251.17	466	272.67	528	293.73	590	314.33	652	334.48
281	207.17	343	229.57	405	251.52	467	273.01	529	294.06	591	314.66	653	334.80
282	207.54	344	229.93	406	251.87	468	273.36	530	294.40	592	314.99	654	335.12
283	207.90	345	230.28	407	252.22	469	273.70	531	294.73	593	315.31	655	335.44
284	208.26	346	230.64	408	252.57	470	274.04	532	295.07	594	315.64	656	335.76
285	208.63	347	231.00	409	252.92	471	274.39	533	295.40	595	315.97	657	336.09
286	208.99	348	231.36	410	253.27	472	274.73	534	295.74	596	316.30	658	336.41
287	209.36	349	231.71	411	253.62	473	275.07	535	296.07	597	316.63	659	336.73
288	209.72	350	232.07	412	253.97	474	275.41	536	296.41	598	316.95	660	337.05
289	210.09	351	232.43	413	254.32	475	275.76	537	296.74	599	317.28		
290	210.45	352	232.78	414	254.67	476	276.10	538	297.08	600	317.61		
291	210.81	353	233.14	415	255.02	477	276.44	539	297.41	601	317.94		
292	211.18	354	233.50	416	255.36	478	276.78	540	297.75	602	318.26		
293	211.54	355	233.85	417	255.71	479	277.12	541	298.08	603	318.59		
294	211.90	356	234.21	418	256.06	480	277.47	542	298.42	604	318.92		

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