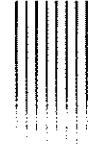


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Report for Callendar-Van Dusen Coefficients

Model: 1000 ohm
 Serial: 385 Curve
 Date: March 11, 2008

Reference (°C)	UUT (Ohms)	Residual (°C)
-100.0000	602.6000	0.0000
0.0000	1000.0000	0.0000
100.0000	1385.0000	0.0000
300.0000	2120.5000	0.0000

Coefficients:

R0 = 1000.000000
 ALPHA = 0.00385000
 DELTA = 1.49351
 BETA = 0.11688

Report for ITS-90 Coefficients

Model: 1000 ohm
 Serial: 385 Curve
 Date: March 11, 2008
 TPW:

Reference (°C)	UUT (Ohms)	Residual (°C)
0.0000	1000.0000	N/A

Low Range:

Reference (°C)	UUT (Ohms)	Residual (°C)
-100.0000	602.6000	-0.0001
-50.0000	803.1000	0.0001

High Range:

Reference (°C)	UUT (Ohms)	Residual (°C)
100.0000	1385.0000	0.0000
300.0000	2120.5000	0.0001

Coefficients:

RTPW = 1000.039892

Low Range:

a4 = -2.11155783 E-02
 b4 = -1.77183969 E-03

High Range:

a8 = -2.05034227 E-02
 b8 = 4.36120170 E-04



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° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms
-200.0	185.198	-150.0	397.210	-100.0	602.593	-50.0	803.113	0.0	1000.000
-199.0	189.518	-149.0	401.376	-99.0	606.636	-49.0	807.083	1.0	1003.908
-198.0	193.834	-148.0	405.539	-98.0	610.687	-48.0	811.052	2.0	1007.815
-197.0	198.147	-147.0	409.699	-97.0	614.736	-47.0	815.020	3.0	1011.720
-196.0	202.456	-146.0	413.857	-96.0	618.783	-46.0	818.986	4.0	1015.625
-195.0	206.761	-145.0	418.012	-95.0	622.829	-45.0	822.951	5.0	1019.528
-194.0	211.064	-144.0	422.165	-94.0	626.873	-44.0	826.914	6.0	1023.430
-193.0	215.362	-143.0	426.315	-93.0	630.915	-43.0	830.876	7.0	1027.331
-192.0	219.658	-142.0	430.462	-92.0	634.954	-42.0	834.837	8.0	1031.231
-191.0	223.950	-141.0	434.607	-91.0	638.993	-41.0	838.796	9.0	1035.129
-190.0	228.238	-140.0	438.750	-90.0	643.029	-40.0	842.754	10.0	1039.027
-189.0	232.523	-139.0	442.890	-89.0	647.064	-39.0	846.710	11.0	1042.923
-188.0	236.805	-138.0	447.028	-88.0	651.096	-38.0	850.665	12.0	1046.818
-187.0	241.083	-137.0	451.163	-87.0	655.127	-37.0	854.619	13.0	1050.713
-186.0	245.358	-136.0	455.296	-86.0	659.156	-36.0	858.572	14.0	1054.605
-185.0	249.630	-135.0	459.426	-85.0	663.184	-35.0	862.523	15.0	1058.497
-184.0	253.898	-134.0	463.554	-84.0	667.210	-34.0	866.472	16.0	1062.388
-183.0	258.164	-133.0	467.679	-83.0	671.234	-33.0	870.421	17.0	1066.277
-182.0	262.425	-132.0	471.803	-82.0	675.256	-32.0	874.368	18.0	1070.165
-181.0	266.684	-131.0	475.924	-81.0	679.276	-31.0	878.313	19.0	1074.052
-180.0	270.940	-130.0	480.042	-80.0	683.295	-30.0	882.258	20.0	1077.938
-179.0	275.192	-129.0	484.158	-79.0	687.312	-29.0	886.201	21.0	1081.823
-178.0	279.441	-128.0	488.272	-78.0	691.328	-28.0	890.143	22.0	1085.707
-177.0	283.687	-127.0	492.384	-77.0	695.341	-27.0	894.083	23.0	1089.589
-176.0	287.930	-126.0	496.493	-76.0	699.354	-26.0	898.022	24.0	1093.471
-175.0	292.170	-125.0	500.600	-75.0	703.364	-25.0	901.960	25.0	1097.351
-174.0	296.407	-124.0	504.705	-74.0	707.373	-24.0	905.897	26.0	1101.230
-173.0	300.640	-123.0	508.808	-73.0	711.380	-23.0	909.832	27.0	1105.108
-172.0	304.871	-122.0	512.908	-72.0	715.385	-22.0	913.766	28.0	1108.984
-171.0	309.099	-121.0	517.006	-71.0	719.389	-21.0	917.699	29.0	1112.860
-170.0	313.323	-120.0	521.102	-70.0	723.392	-20.0	921.630	30.0	1116.734
-169.0	317.545	-119.0	525.196	-69.0	727.392	-19.0	925.561	31.0	1120.607
-168.0	321.763	-118.0	529.288	-68.0	731.391	-18.0	929.490	32.0	1124.479
-167.0	325.979	-117.0	533.377	-67.0	735.389	-17.0	933.417	33.0	1128.350
-166.0	330.192	-116.0	537.464	-66.0	739.385	-16.0	937.344	34.0	1132.220
-165.0	334.401	-115.0	541.550	-65.0	743.379	-15.0	941.269	35.0	1136.089
-164.0	338.608	-114.0	545.633	-64.0	747.372	-14.0	945.193	36.0	1139.956
-163.0	342.812	-113.0	549.714	-63.0	751.363	-13.0	949.116	37.0	1143.822
-162.0	347.013	-112.0	553.793	-62.0	755.353	-12.0	953.037	38.0	1147.688
-161.0	351.212	-111.0	557.870	-61.0	759.341	-11.0	956.958	39.0	1151.551
-160.0	355.407	-110.0	561.944	-60.0	763.328	-10.0	960.877	40.0	1155.414
-159.0	359.600	-109.0	566.017	-59.0	767.313	-9.0	964.794	41.0	1159.276
-158.0	363.790	-108.0	570.088	-58.0	771.297	-8.0	968.711	42.0	1163.136
-157.0	367.977	-107.0	574.157	-57.0	775.279	-7.0	972.626	43.0	1166.996
-156.0	372.161	-106.0	578.223	-56.0	779.260	-6.0	976.540	44.0	1170.854
-155.0	376.343	-105.0	582.288	-55.0	783.239	-5.0	980.453	45.0	1174.711
-154.0	380.522	-104.0	586.351	-54.0	787.216	-4.0	984.365	46.0	1178.567
-153.0	384.698	-103.0	590.412	-53.0	791.193	-3.0	988.276	47.0	1182.422
-152.0	388.871	-102.0	594.471	-52.0	795.168	-2.0	992.185	48.0	1186.275
-151.0	393.042	-101.0	598.528	-51.0	799.141	-1.0	996.093	49.0	1190.128
-150.0	397.210	-100.0	602.583	-50.0	803.113	0.0	1000.000	50.0	1193.979

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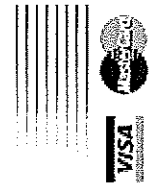
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Refer to the manufacturers literature and determine the actual working temperature range of your sensor before use. CAUTION: Exceeding the manufacturers working temperature range may result in damage to the sensor or process being monitored. Sensors from different manufacturers may not exactly match this chart. No warranty is expressed or implied by the use of this chart.

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° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms
0.0	1000.000	50.0	1193.980	100.0	1385.000	150.0	1573.270	200.0	1758.579
1.0	1003.908	51.0	1197.830	101.0	1388.862	151.0	1577.004	201.0	1762.256
2.0	1007.815	52.0	1201.679	102.0	1392.654	152.0	1580.738	202.0	1765.932
3.0	1011.720	53.0	1205.527	103.0	1396.444	153.0	1584.470	203.0	1769.606
4.0	1015.625	54.0	1209.374	104.0	1400.232	154.0	1588.201	204.0	1773.279
5.0	1019.528	55.0	1213.219	105.0	1404.020	155.0	1591.931	205.0	1776.951
6.0	1023.430	56.0	1217.064	106.0	1407.807	156.0	1595.660	206.0	1780.622
7.0	1027.331	57.0	1220.907	107.0	1411.592	157.0	1599.387	207.0	1784.292
8.0	1031.231	58.0	1224.749	108.0	1415.376	158.0	1603.114	208.0	1787.961
9.0	1035.129	59.0	1228.590	109.0	1419.159	159.0	1606.839	209.0	1791.628
10.0	1039.027	60.0	1232.429	110.0	1422.941	160.0	1610.563	210.0	1795.294
11.0	1042.923	61.0	1236.268	111.0	1426.722	161.0	1614.286	211.0	1798.960
12.0	1046.818	62.0	1240.105	112.0	1430.502	162.0	1618.008	212.0	1802.624
13.0	1050.713	63.0	1243.942	113.0	1434.280	163.0	1621.728	213.0	1806.286
14.0	1054.605	64.0	1247.777	114.0	1438.057	164.0	1625.448	214.0	1809.948
15.0	1058.497	65.0	1251.611	115.0	1441.833	165.0	1629.166	215.0	1813.609
16.0	1062.388	66.0	1255.443	116.0	1445.608	166.0	1632.883	216.0	1817.268
17.0	1066.277	67.0	1259.275	117.0	1449.382	167.0	1636.599	217.0	1820.926
18.0	1070.165	68.0	1263.105	118.0	1453.155	168.0	1640.314	218.0	1824.583
19.0	1074.052	69.0	1266.935	119.0	1456.926	169.0	1644.028	219.0	1828.239
20.0	1077.938	70.0	1270.763	120.0	1460.697	170.0	1647.740	220.0	1831.894
21.0	1081.823	71.0	1274.590	121.0	1464.466	171.0	1651.452	221.0	1835.547
22.0	1085.707	72.0	1278.416	122.0	1468.234	172.0	1655.162	222.0	1839.200
23.0	1089.589	73.0	1282.240	123.0	1472.001	173.0	1658.871	223.0	1842.851
24.0	1093.471	74.0	1286.064	124.0	1475.767	174.0	1662.579	224.0	1846.501
25.0	1097.351	75.0	1289.886	125.0	1479.531	175.0	1666.286	225.0	1850.150
26.0	1101.230	76.0	1293.708	126.0	1483.295	176.0	1669.991	226.0	1853.798
27.0	1105.108	77.0	1297.528	127.0	1487.057	177.0	1673.696	227.0	1857.445
28.0	1108.984	78.0	1301.347	128.0	1490.818	178.0	1677.399	228.0	1861.090
29.0	1112.860	79.0	1305.164	129.0	1494.578	179.0	1681.101	229.0	1864.735
30.0	1116.734	80.0	1308.981	130.0	1498.337	180.0	1684.802	230.0	1868.378
31.0	1120.607	81.0	1312.796	131.0	1502.094	181.0	1688.502	231.0	1872.020
32.0	1124.479	82.0	1316.611	132.0	1505.851	182.0	1692.201	232.0	1875.661
33.0	1128.350	83.0	1320.424	133.0	1509.606	183.0	1695.898	233.0	1879.300
34.0	1132.220	84.0	1324.236	134.0	1513.360	184.0	1699.595	234.0	1882.939
35.0	1136.089	85.0	1328.047	135.0	1517.113	185.0	1703.290	235.0	1886.576
36.0	1139.956	86.0	1331.856	136.0	1520.865	186.0	1706.984	236.0	1890.213
37.0	1143.822	87.0	1335.665	137.0	1524.616	187.0	1710.677	237.0	1893.848
38.0	1147.688	88.0	1339.472	138.0	1528.365	188.0	1714.369	238.0	1897.482
39.0	1151.551	89.0	1343.278	139.0	1532.114	189.0	1718.059	239.0	1901.114
40.0	1155.414	90.0	1347.083	140.0	1535.861	190.0	1721.749	240.0	1904.746
41.0	1159.276	91.0	1350.887	141.0	1539.607	191.0	1725.437	241.0	1908.377
42.0	1163.136	92.0	1354.690	142.0	1543.352	192.0	1729.124	242.0	1912.006
43.0	1166.996	93.0	1358.491	143.0	1547.096	193.0	1732.810	243.0	1915.634
44.0	1170.854	94.0	1362.292	144.0	1550.838	194.0	1736.495	244.0	1919.261
45.0	1174.711	95.0	1366.091	145.0	1554.580	195.0	1740.178	245.0	1922.887
46.0	1178.567	96.0	1369.889	146.0	1558.320	196.0	1743.861	246.0	1926.512
47.0	1182.422	97.0	1373.686	147.0	1562.059	197.0	1747.542	247.0	1930.135
48.0	1186.275	98.0	1377.482	148.0	1565.797	198.0	1751.222	248.0	1933.757
49.0	1190.128	99.0	1381.277	149.0	1569.534	199.0	1754.901	249.0	1937.379
50.0	1193.979	100.0	1385.070	150.0	1573.270	200.0	1758.579	250.0	1940.999

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° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms
250.0	1940.999	300.0	2120.528	350.0	2297.167	400.0	2470.916	450.0	2641.774		
251.0	1944.618	301.0	2124.089	351.0	2300.670	401.0	2474.361	451.0	2645.162		
252.0	1948.235	302.0	2127.649	352.0	2304.172	402.0	2477.805	452.0	2648.548		
253.0	1951.852	303.0	2131.208	353.0	2307.673	403.0	2481.249	453.0	2651.934		
254.0	1955.467	304.0	2134.765	354.0	2311.173	404.0	2484.691	454.0	2655.318		
255.0	1959.082	305.0	2138.322	355.0	2314.672	405.0	2488.132	455.0	2658.701		
256.0	1962.695	306.0	2141.877	356.0	2318.169	406.0	2491.571	456.0	2662.083		
257.0	1966.307	307.0	2145.431	357.0	2321.666	407.0	2495.010	457.0	2665.464		
258.0	1969.918	308.0	2148.984	358.0	2325.161	408.0	2498.447	458.0	2668.843		
259.0	1973.527	309.0	2152.536	359.0	2328.655	409.0	2501.883	459.0	2672.222		
260.0	1977.136	310.0	2156.087	360.0	2332.148	410.0	2505.319	460.0	2675.599		
261.0	1980.743	311.0	2159.636	361.0	2335.640	411.0	2508.752	461.0	2678.975		
262.0	1984.349	312.0	2163.185	362.0	2339.130	412.0	2512.185	462.0	2682.350		
263.0	1987.954	313.0	2166.732	363.0	2342.620	413.0	2515.617	463.0	2685.724		
264.0	1991.558	314.0	2170.278	364.0	2346.108	414.0	2519.047	464.0	2689.097		
265.0	1995.161	315.0	2173.823	365.0	2349.595	415.0	2522.477	465.0	2692.468		
266.0	1998.762	316.0	2177.367	366.0	2353.081	416.0	2525.905	466.0	2695.839		
267.0	2002.363	317.0	2180.909	367.0	2356.566	417.0	2529.332	467.0	2699.208		
268.0	2005.962	318.0	2184.451	368.0	2360.049	418.0	2532.758	468.0	2702.576		
269.0	2009.560	319.0	2187.991	369.0	2363.532	419.0	2536.182	469.0	2705.943		
270.0	2013.157	320.0	2191.530	370.0	2367.013	420.0	2539.606	470.0	2709.308		
271.0	2016.753	321.0	2195.068	371.0	2370.493	421.0	2543.028	471.0	2712.673		
272.0	2020.348	322.0	2198.605	372.0	2373.972	422.0	2546.449	472.0	2716.036		
273.0	2023.941	323.0	2202.141	373.0	2377.450	423.0	2549.870	473.0	2719.399		
274.0	2027.533	324.0	2205.675	374.0	2380.927	424.0	2553.288	474.0	2722.760		
275.0	2031.125	325.0	2209.209	375.0	2384.402	425.0	2556.706	475.0	2726.120		
276.0	2034.715	326.0	2212.741	376.0	2387.877	426.0	2560.123	476.0	2729.478		
277.0	2038.303	327.0	2216.272	377.0	2391.350	427.0	2563.538	477.0	2732.836		
278.0	2041.891	328.0	2219.802	378.0	2394.822	428.0	2566.952	478.0	2736.193		
279.0	2045.478	329.0	2223.330	379.0	2398.293	429.0	2570.366	479.0	2739.548		
280.0	2049.063	330.0	2226.858	380.0	2401.763	430.0	2573.778	480.0	2742.902		
281.0	2052.647	331.0	2230.384	381.0	2405.232	431.0	2577.188	481.0	2746.255		
282.0	2056.230	332.0	2233.910	382.0	2408.698	432.0	2580.598	482.0	2749.607		
283.0	2059.812	333.0	2237.434	383.0	2412.165	433.0	2584.007	483.0	2752.958		
284.0	2063.393	334.0	2240.957	384.0	2415.630	434.0	2587.414	484.0	2756.307		
285.0	2066.973	335.0	2244.479	385.0	2419.094	435.0	2590.820	485.0	2759.656		
286.0	2070.551	336.0	2247.999	386.0	2422.557	436.0	2594.225	486.0	2763.003		
287.0	2074.128	337.0	2251.519	387.0	2426.019	437.0	2597.629	487.0	2766.349		
288.0	2077.704	338.0	2255.037	388.0	2429.479	438.0	2601.032	488.0	2769.694		
289.0	2081.279	339.0	2258.554	389.0	2432.939	439.0	2604.433	489.0	2773.038		
290.0	2084.853	340.0	2262.070	390.0	2436.397	440.0	2607.834	490.0	2776.380		
291.0	2088.426	341.0	2265.585	391.0	2439.854	441.0	2611.233	491.0	2779.722		
292.0	2091.997	342.0	2269.099	392.0	2443.310	442.0	2614.631	492.0	2783.062		
293.0	2095.568	343.0	2272.611	393.0	2446.765	443.0	2618.028	493.0	2786.401		
294.0	2099.137	344.0	2276.123	394.0	2450.218	444.0	2621.424	494.0	2789.739		
295.0	2102.705	345.0	2279.633	395.0	2453.671	445.0	2624.818	495.0	2793.076		
296.0	2106.272	346.0	2283.142	396.0	2457.122	446.0	2628.212	496.0	2796.411		
297.0	2109.838	347.0	2286.650	397.0	2460.572	447.0	2631.604	497.0	2799.746		
298.0	2113.402	348.0	2290.157	398.0	2464.021	448.0	2634.995	498.0	2803.079		
299.0	2116.966	349.0	2293.662	399.0	2467.469	449.0	2638.385	499.0	2806.412		
300.0	2120.528	350.0	2297.167	400.0	2470.916	450.0	2641.774	500.0	2809.743		

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° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms	° Celsius	Ohms
500.0	2809.743	550.0	2974.821	600.0	3137.089	650.0	3296.407	700.0	3452.838
501.0	2813.072	551.0	2978.093	601.0	3140.304	651.0	3299.564	701.0	3456.937
502.0	2816.401	552.0	2981.364	602.0	3143.517	652.0	3302.720	702.0	3459.035
503.0	2819.729	553.0	2984.634	603.0	3146.730	653.0	3305.875	703.0	3462.132
504.0	2823.055	554.0	2987.902	604.0	3149.941	654.0	3309.028	704.0	3465.227
505.0	2826.380	555.0	2991.170	605.0	3153.151	655.0	3312.180	705.0	3468.322
506.0	2829.705	556.0	2994.436	606.0	3156.360	656.0	3315.332	706.0	3471.415
507.0	2833.028	557.0	2997.701	607.0	3159.568	657.0	3318.482	707.0	3474.507
508.0	2836.349	558.0	3000.965	608.0	3162.774	658.0	3321.630	708.0	3477.599
509.0	2839.670	559.0	3004.228	609.0	3165.980	659.0	3324.778	709.0	3480.688
510.0	2842.989	560.0	3007.490	610.0	3169.184	660.0	3327.925	710.0	3483.777
511.0	2846.308	561.0	3010.750	611.0	3172.387	661.0	3331.070	711.0	3486.865
512.0	2849.625	562.0	3014.009	612.0	3175.589	662.0	3334.214	712.0	3489.951
513.0	2852.941	563.0	3017.268	613.0	3178.790	663.0	3337.357	713.0	3493.037
514.0	2856.256	564.0	3020.525	614.0	3181.989	664.0	3340.499	714.0	3496.121
515.0	2859.570	565.0	3023.781	615.0	3185.188	665.0	3343.640	715.0	3499.204
516.0	2862.882	566.0	3027.035	616.0	3188.385	666.0	3346.779	716.0	3502.285
517.0	2866.193	567.0	3030.289	617.0	3191.581	667.0	3349.918	717.0	3505.366
518.0	2869.504	568.0	3033.541	618.0	3194.776	668.0	3353.055	718.0	3508.446
519.0	2872.813	569.0	3036.793	619.0	3197.970	669.0	3356.191	719.0	3511.524
520.0	2876.121	570.0	3040.043	620.0	3201.163	670.0	3359.326	720.0	3514.601
521.0	2879.427	571.0	3043.292	621.0	3204.355	671.0	3362.460	721.0	3517.677
522.0	2882.733	572.0	3046.540	622.0	3207.545	672.0	3365.593	722.0	3520.752
523.0	2886.038	573.0	3049.786	623.0	3210.734	673.0	3368.724	723.0	3523.826
524.0	2889.341	574.0	3053.032	624.0	3213.922	674.0	3371.854	724.0	3526.898
525.0	2892.643	575.0	3056.276	625.0	3217.109	675.0	3374.984	725.0	3529.970
526.0	2895.944	576.0	3059.519	626.0	3220.295	676.0	3378.112	726.0	3533.040
527.0	2899.244	577.0	3062.761	627.0	3223.480	677.0	3381.239	727.0	3536.109
528.0	2902.542	578.0	3066.002	628.0	3226.663	678.0	3384.364	728.0	3539.177
529.0	2905.840	579.0	3069.242	629.0	3229.846	679.0	3387.489	729.0	3542.244
530.0	2909.136	580.0	3072.480	630.0	3233.027	680.0	3390.612	730.0	3545.310
531.0	2912.432	581.0	3075.718	631.0	3236.207	681.0	3393.734	731.0	3548.374
532.0	2915.726	582.0	3078.954	632.0	3239.386	682.0	3396.856	732.0	3551.437
533.0	2919.018	583.0	3082.189	633.0	3242.563	683.0	3399.975	733.0	3554.500
534.0	2922.310	584.0	3085.423	634.0	3245.740	684.0	3403.094	734.0	3557.561
535.0	2925.601	585.0	3088.656	635.0	3248.915	685.0	3406.212	735.0	3560.620
536.0	2928.890	586.0	3091.887	636.0	3252.089	686.0	3409.328	736.0	3563.679
537.0	2932.178	587.0	3095.118	637.0	3255.263	687.0	3412.444	737.0	3566.737
538.0	2935.466	588.0	3098.347	638.0	3258.435	688.0	3415.558	738.0	3569.793
539.0	2938.752	589.0	3101.575	639.0	3261.605	689.0	3418.671	739.0	3572.848
540.0	2942.036	590.0	3104.802	640.0	3264.775	690.0	3421.783	740.0	3575.902
541.0	2945.320	591.0	3108.028	641.0	3267.943	691.0	3424.893	741.0	3578.955
542.0	2948.602	592.0	3111.253	642.0	3271.111	692.0	3428.003	742.0	3582.007
543.0	2951.884	593.0	3114.476	643.0	3274.277	693.0	3431.111	743.0	3585.058
544.0	2955.164	594.0	3117.699	644.0	3277.442	694.0	3434.219	744.0	3588.107
545.0	2958.443	595.0	3120.920	645.0	3280.606	695.0	3437.325	745.0	3591.156
546.0	2961.721	596.0	3124.140	646.0	3283.768	696.0	3440.430	746.0	3594.203
547.0	2964.998	597.0	3127.359	647.0	3286.930	697.0	3443.533	747.0	3597.249
548.0	2968.273	598.0	3130.577	648.0	3290.090	698.0	3446.636	748.0	3600.294
549.0	2971.548	599.0	3133.793	649.0	3293.249	699.0	3449.737	749.0	3603.337
550.0	2974.821	600.0	3137.009	650.0	3296.407	700.0	3452.838	750.0	3606.380

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