



SEISMIC REFERENCE SERVICE

Geophysical Log

CENTURY GEOPHYSICAL CORP OF CANADA
Calgary, Alberta

PROVINCE Yukon Territory
FIELD Wildcat
WELL Shell Trail River YT H-37
COMPANY Shell Canada Limited

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FIELD Wildcat
PROVINCE Yukon Territory
LOCATION 66°36'16.10"N 134°50'58.68"W
Other Services

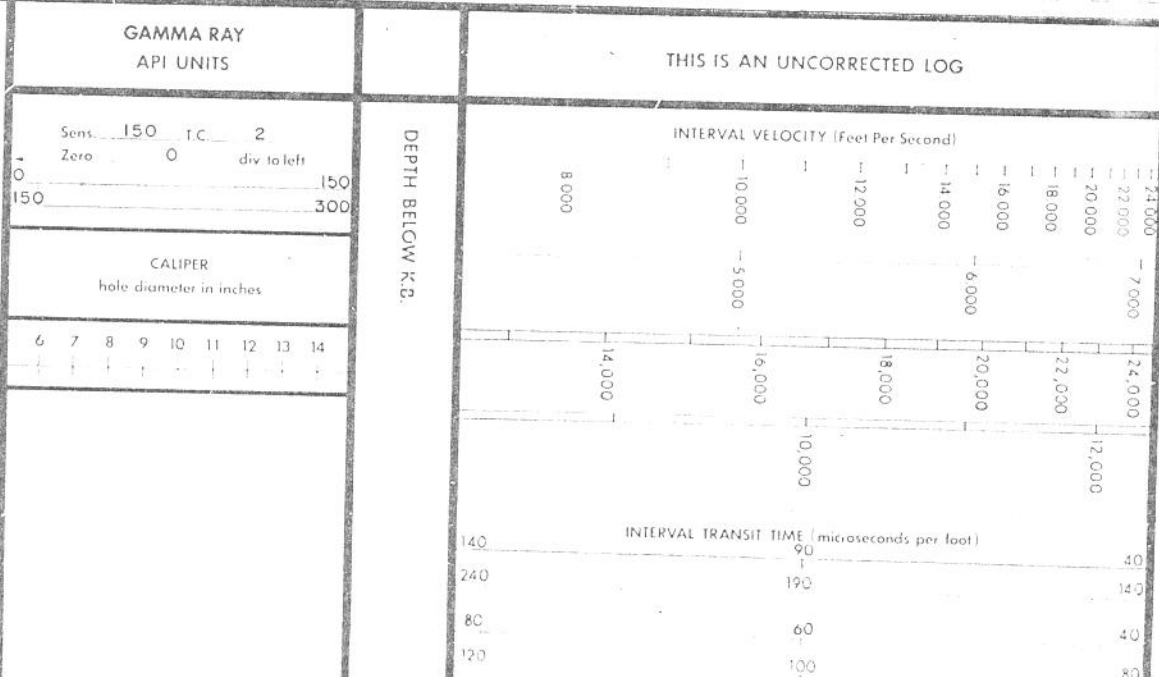
Permanent Datum: ELEV KB 1264
Log Measured From: KB 26 ft Above Perm Datum
ELEV KB 1290
GL 1264
CBF

Sonic Run No	One	Two	Three	SEISMIC DATA
Date	Dec 3/73	Feb 14/74	Mar 12/74	By Century Geophysical Corp of Canada
First Reading	2191	8563	12200	Sonic Datum 1195
Last Reading	531	2142	8568	Difference Between Sensitive and Sonic Datum 95
Test Measured Depth Reached	1660	6421	3632	Amplitude GGC Model 513
Bottom Distance	2193	8573	2201	WELL GEOMETRY
Cable Length	2211	8575	12210	Wave Gull 57 & Century
Cable Diameter	531	2142	8568	Type Pressure and Velocity
	529	2174	8580	Filter 6 1/2-1-120

3' -1- 2' -1-
p r r r
12 1/4" -1- 3' 1/2"
SQC
6 hrs. 6.5 hrs 15.5 hrs; Crew No 283
DSU-A31 Front PR #5
Susotchuk Caroyon McJeffery Operator Lacroix and Whitaker
Basistry Sorblimo Survey No 1642
Recording time 3 hrs.
Suffice Geophone Station 4
Orientation per Station 1 EVS-2 14 Cycle
Collection Fixures

REMARKS
For corrected sonic log readings from:

531' to 950'	add	7.2 μ sec./ft.
950' to 1330'	add	1.6 μ sec./ft.
1330' to 1860'	add	3.2 μ sec./ft.
1860' to 2190'	add	7.6 μ sec./ft.
2190' to 6050'	add	0.3 μ sec./ft.
6050' to 8565'	subtract	3.0 μ sec./ft.
8565' to 12199'	subtract	0.4 μ sec./ft.



Transect R. Y.T.
H-37

ADJUSTED INTEGRATED TIME BELOW 1195	DEPTH BELCH K.P. 1290	UNADJUSTED INTEGRATED TIME BELOW 1195	AVERAGE VELOCITY BELCH 1195	INTERVAL VELOCITY OVER PRECEDING	REFLECTION COEFFICIENT $\frac{V_2-V_1}{V_2+V_1}$
FCCT DATUM	FEET	FOOT DATUM	FOOT DATUM	MILLISECOND	
C.0545	530.	0.0549	7925.		
C.0550	531.	0.0550	7927.	9091.	-0.0285
C.0560	540.	0.0559	7929.	8587.	0.0100
C.0570	548.	0.0569	7947.	8760.	0.0023
C.0580	557.	0.0578	7966.	8801.	-0.0061
C.0590	566.	0.0587	7966.	8695.	-0.0064
C.0600	574.	0.0597	7983.	8585.	0.0194
C.0610	583.	0.0606	8000.	8925.	0.0012
C.0620	592.	0.0616	8016.	8947.	0.0113
C.0630	601.	0.0625	8032.	9152.	0.0027
C.0640	611.	0.0634	8047.	9202.	-0.0060
C.0650	620.	0.0644	8062.	9093.	0.0010
C.0660	629.	0.0653	8076.	9111.	0.0005
C.0670	638.	0.0662	8090.	9120.	0.0088
C.0680	647.	0.0672	8118.	9281.	-0.0012
C.0690	657.	0.0681	8130.	9258.	0.0029
C.0700	666.	0.0690	8143.	9313.	0.0117
C.0710	675.	0.0700	8169.	9533.	-0.0063
C.0720	685.	0.0709	8181.	9413.	0.0059
C.0730	694.	0.0718	8205.	9525.	-0.0011
C.0740	704.	0.0728	8216.	9505.	0.0052
C.0750	713.	0.0737	8240.	9616.	-0.0012
C.0760	723.	0.0746	8263.	9593.	-0.0023
C.0770	732.	0.0755	8273.	9549.	0.0019
C.0780	742.	0.0765	8295.	9586.	-0.0042
C.0790	752.	0.0774	8304.	9506.	-0.0025
C.0800	761.	0.0783	8325.	9458.	0.0025
C.0810	771.	0.0793	8333.	9506.	0.0021
C.0820	780.	0.0802	8354.	9545.	0.0027
C.0830	790.	0.0811	8361.	9597.	0.0002
C.0840	799.	0.0821	8381.	9600.	-0.0053
C.0850	809.	0.0830	8388.	9499.	0.0009
C.0860	818.	0.0839	8407.	9515.	-0.0021
C.0870	828.	0.0849	8414.	9476.	0.0025
C.0880	837.	0.0858	8432.	9523.	-0.0026
C.0890	847.	0.0867	8438.	9473.	-0.0069
C.0900	856.	0.0877	8456.	9343.	0.0025
C.0910	866.	0.0886	8462.	9390.	-0.0018
C.0920	875.	0.0895	8467.	9356.	0.0005
C.0930	884.	0.0905	8484.	9366.	0.0032
C.0940	894.	0.0914	8489.	9426.	-0.0004
C.0950	903.	0.0923	8505.	9419.	0.0021
C.0960	913.	0.0932	8510.	9458.	-0.0029
C.0970	922.	0.0942	8526.	9403.	-0.0004
C.0980	931.	0.0951	8531.	9395.	-0.0111
C.0990	941.	0.0960	8535.	9188.	-0.0026
C.1000	950.	0.0970	8540.	9141.	0.0484
C.1010	960.	0.0980	8534.	10072.	0.0321
C.1020	971.	0.0989	8578.	10740.	0.0119
C.1030	982.	0.0999	8602.	10998.	-0.0037
C.1040	992.	0.1009	8625.	10916.	0.0172
C.1050	1004.	0.1019	8648.	11298.	-0.0185
C.1060	1015.	0.1029	8670.	10887.	0.0055
C.1070	1026.	0.1039	8692.	11008.	-0.0018
C.1080	1037.	0.1048	8713.	10968.	-0.0391
C.1090	1047.	0.1058	8725.	10143.	0.0284
C.1100	1057.	0.1068	8745.	10736.	0.0108
C.1110	1068.	0.1078	8766.	10970.	-0.0007
C.1120	1079.	0.1088	8786.	10954.	-0.0204
C.1130	1090.	0.1098	8796.	10516.	-0.0344
C.1140	1100.	0.1107	8807.	9815.	0.0152
C.1150	1110.	0.1117	8817.	10118.	-0.0091
C.1160	1120.	0.1127	8828.	9936.	0.0057
C.1170	1130.	0.1137	8838.	10051.	0.0094
C.1180	1140.	0.1147	8856.	10242.	-0.0430
C.1190	1149.	0.1157	8857.	9398.	0.0126
C.1200	1159.	0.1166	8867.	9638.	0.0105
C.1210	1169.	0.1176	8868.	9843.	0.0041
C.1220	1179.	0.1186	8877.	9924.	-0.0099
C.1230	1189.	0.1196	8886.	9730.	0.0198
C.1240	1199.	0.1206	8895.	10122.	-0.0016
C.1250	1209.	0.1216	8904.	10090.	-0.0028
C.1260	1219.	0.1226	8913.	10034.	-0.0030
C.1270	1229.	0.1235	8921.	9974.	0.0012
C.1280	1239.	0.1245	8930.	9999.	-0.0069
C.1290	1249.	0.1255	8938.	9861.	-0.0038
C.1300	1259.	0.1265	8946.	9786.	0.0003
C.1310	1269.	0.1275	8954.	9793.	0.0119
C.1320	1279.	0.1285	8962.	10029.	0.0146
C.1330	1289.	0.1296	8970.	10021.	0.0002

C.1250	1209.	0.1210	8904.	10690.	-0.0028
C.1260	1219.	0.1220	8913.	10734.	-0.0030
C.1270	1229.	0.1235	8921.	9974.	0.0012
C.1280	1239.	0.1245	8930.	9999.	-0.0069
C.1290	1249.	0.1255	8938.	9861.	-0.0038
C.1300	1259.	0.1265	8946.	9786.	0.0003
C.1310	1269.	0.1275	8954.	9793.	0.0119
C.1320	1279.	0.1285	8962.	10029.	0.0146
C.1330	1289.	0.1294	8970.	10331.	0.0003
C.1340	1299.	0.1304	8978.	10338.	0.0025
C.1350	1309.	0.1314	8983.	10389.	-0.0093
C.1360	1320.	0.1324	9000.	10198.	-0.0009
C.1370	1330.	0.1334	9007.	10179.	-0.0001
C.1380	1340.	0.1344	9014.	10177.	0.0030
C.1390	1350.	0.1353	9029.	10238.	0.0123
C.1400	1361.	0.1363	9036.	10492.	-0.0002
C.1410	1371.	0.1372	9050.	10488.	0.0019
C.1420	1382.	0.1382	9056.	10527.	0.0120
C.1430	1392.	0.1392	9070.	10783.	0.0021
C.1440	1403.	0.1401	9083.	10829.	-0.0032
C.1450	1414.	0.1411	9087.	10759.	0.0035
C.1460	1425.	0.1421	9103.	10834.	0.0012
C.1470	1436.	0.1430	9116.	10861.	-0.0074
C.1480	1446.	0.1440	9128.	10701.	0.0174
C.1490	1458.	0.1450	9141.	11081.	-0.0094
C.1500	1468.	0.1459	9153.	10875.	-0.0029
C.1510	1479.	0.1469	9166.	10811.	-0.0049
C.1520	1490.	0.1479	9171.	10707.	0.0039
C.1530	1501.	0.1488	9183.	10791.	-0.0025
C.1540	1511.	0.1498	9195.	10737.	0.0032
C.1550	1522.	0.1508	9206.	10807.	-0.0025
C.1560	1533.	0.1517	9218.	10754.	-0.0104
C.1570	1544.	0.1527	9223.	10532.	-0.0021
C.1580	1554.	0.1537	9234.	10487.	0.0023
C.1590	1565.	0.1546	9239.	10536.	-0.0070
C.1600	1575.	0.1556	9244.	10390.	0.0040
C.1610	1585.	0.1566	9255.	10473.	-0.0039
C.1620	1596.	0.1575	9259.	10391.	-0.0065
C.1630	1606.	0.1585	9270.	10256.	-0.0012
C.1640	1616.	0.1595	9274.	10231.	-0.0050
C.1650	1626.	0.1604	9279.	10130.	0.0047
C.1660	1637.	0.1614	9283.	10226.	-0.0014
C.1670	1647.	0.1624	9287.	10197.	-0.0012
C.1680	1657.	0.1633	9298.	10173.	0.0002
C.1690	1667.	0.1643	9302.	10176.	0.0028
C.1700	1677.	0.1653	9306.	10232.	0.0004
C.1710	1688.	0.1662	9310.	10241.	0.0028
C.1720	1698.	0.1672	9314.	10298.	0.0010
C.1730	1708.	0.1682	9324.	10319.	-0.0033
C.1740	1719.	0.1691	9328.	10252.	-0.0008
C.1750	1729.	0.1701	9331.	10234.	-0.0044
C.1760	1739.	0.1711	9335.	10144.	0.0003
C.1770	1749.	0.1720	9345.	10151.	0.0026
C.1780	1759.	0.1730	9348.	10204.	-0.0015
C.1790	1769.	0.1740	9352.	10173.	0.0055
C.1800	1780.	0.1749	9356.	10295.	-0.0089
C.1810	1790.	0.1759	9359.	10103.	0.0044
C.1820	1800.	0.1769	9368.	10192.	-0.0051
C.1830	1810.	0.1778	9372.	10089.	-0.0075
C.1840	1820.	0.1788	9375.	9940.	0.0134
C.1850	1830.	0.1798	9378.	10210.	-0.0146
C.1860	1840.	0.1807	9382.	9916.	-0.0011
C.1870	1850.	0.1817	9385.	9894.	-0.0033
C.1880	1860.	0.1827	9383.	9829.	0.0014
C.1890	1871.	0.1836	9387.	11116.	-0.0143
C.1900	1882.	0.1845	9400.	10803.	-0.0023
C.1910	1893.	0.1854	9408.	10753.	-0.0289
C.1920	1903.	0.1864	9411.	10150.	-0.0092
C.1930	1912.	0.1873	9415.	9985.	-0.0380
C.1940	1922.	0.1882	9412.	9255.	-0.0137
C.1950	1931.	0.1891	9410.	9004.	0.0244
C.1960	1940.	0.1901	9413.	9455.	0.0081
C.1970	1950.	0.1910	9416.	9610.	-0.0075
C.1980	1960.	0.1919	9414.	9467.	0.0125
C.1990	1969.	0.1928	9417.	9706.	-0.0027
C.2000	1975.	0.1938	9415.	9655.	0.0061
C.2010	1985.	0.1947	9418.	9773.	-0.0333
C.2020	1998.	0.1956	9416.	9144.	0.0347
C.2030	2008.	0.1966	9419.	9802.	-0.0064
C.2040	2017.	0.1975	9422.	9678.	0.0425
C.2050	2028.	0.1984	9424.	10536.	0.0219
C.2060	2039.	0.1993	9432.	11008.	0.0036
C.2070	2050.	0.2002	9440.	11087.	0.0259
C.2080	2062.	0.2011	9452.	11677.	-0.0615
C.2090	2072.	0.2021	9455.	10325.	-0.0575
C.2100	2081.	0.2030	9457.	9202.	0.0449
C.2110	2091.	0.2039	9460.	10068.	0.0214
C.2120	2102.	0.2048	9462.	10508.	0.0395
C.2130	2113.	0.2057	9474.	11273.	-0.0042
C.2140	2124.	0.2067	9481.	11277.	-0.0037
C.2150	2136.	0.2076	9488.	11193.	0.0157
C.2160	2147.	0.2085	9500.	11549.	0.0096
C.2170	2155.	0.2094	9507.	11774.	-0.0119

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C.2110	2081.	0.2039	9460.	10000.	0.0217
C.2120	2102.	0.2048	9462.	10508.	0.0395
C.2130	2113.	0.2057	9474.	11373.	-0.0042
C.2140	2124.	0.2067	9481.	11277.	-0.0037
C.2150	2136.	0.2076	9488.	11193.	0.0157
C.2160	2147.	0.2085	9500.	11549.	0.0096
C.2170	2159.	0.2094	9507.	11774.	-0.0119
C.2180	2170.	0.2103	9518.	11496.	-0.0294
C.2190	2181.	0.2112	9525.	10838.	-0.0010
C.2200	2192.	0.2122	9527.	10816.	0.0185
C.2210	2203.	0.2132	9538.	11223.	0.0030
C.2220	2215.	0.2142	9545.	11291.	0.0003
C.2230	2226.	0.2152	9552.	11298.	0.0320
C.2240	2238.	0.2162	9562.	12044.	-0.0227
C.2250	2249.	0.2172	9573.	11510.	0.0292
C.2260	2262.	0.2181	9584.	12202.	0.0223
C.2270	2274.	0.2191	9599.	12760.	-0.0230
C.2280	2287.	0.2201	9610.	12185.	0.0126
C.2290	2299.	0.2211	9624.	12497.	0.0051
C.2300	2312.	0.2221	9635.	12625.	-0.0048
C.2310	2324.	0.2231	9649.	12503.	-0.0109
C.2320	2336.	0.2241	9659.	12234.	0.0084
C.2330	2349.	0.2251	9670.	12442.	-0.0337
C.2340	2360.	0.2261	9679.	11632.	-0.0360
C.2350	2371.	0.2271	9685.	10822.	-0.0007
C.2360	2382.	0.2281	9691.	10807.	0.0086
C.2370	2393.	0.2291	9696.	10995.	-0.0210
C.2380	2404.	0.2301	9697.	10543.	0.0022
C.2390	2414.	0.2311	9703.	10589.	0.0183
C.2400	2425.	0.2321	9708.	10985.	-0.0104
C.2410	2436.	0.2331	9710.	10759.	0.0069
C.2420	2447.	0.2341	9715.	10909.	0.0524
C.2430	2459.	0.2351	9724.	12116.	0.0092

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C.2050	2028.	0.1984	9424.	10556.	0.0219
C.2060	2039.	0.1993	9432.	11008.	0.0036
C.2070	2050.	0.2002	9440.	11087.	0.0259
C.2080	2062.	0.2011	9452.	11677.	-0.0615
C.2090	2072.	0.2021	9455.	10325.	-0.0575
C.2100	2081.	0.2030	9457.	9202.	0.0449
C.2110	2091.	0.2039	9460.	10068.	0.0214
C.2120	2102.	0.2048	9462.	10508.	0.0395
C.2130	2113.	0.2057	9474.	11373.	-0.0042
C.2140	2124.	0.2067	9481.	11277.	-0.0037
C.2150	2136.	0.2076	9488.	11193.	0.0157
C.2160	2147.	0.2085	9500.	11549.	0.0096
C.2170	2159.	0.2094	9507.	11774.	-0.0119
C.2180	2170.	0.2103	9518.	11496.	-0.0294
C.2190	2181.	0.2112	9525.	10838.	-0.0010
C.2200	2192.	0.2122	9527.	10816.	0.0185
C.2210	2203.	0.2132	9538.	11223.	0.0030
C.2220	2215.	0.2142	9545.	11291.	0.0003
C.2230	2226.	0.2152	9552.	11298.	0.0320
C.2240	2238.	0.2162	9562.	12044.	-0.0227
C.2250	2249.	0.2172	9573.	11510.	0.0292
C.2260	2262.	0.2181	9584.	12202.	0.0223
C.2270	2274.	0.2191	9599.	12760.	-0.0230
C.2280	2287.	0.2201	9610.	12185.	0.0126
C.2290	2299.	0.2211	9624.	12497.	0.0051
C.2300	2312.	0.2221	9635.	12625.	-0.0048
C.2310	2324.	0.2231	9649.	12503.	-0.0109
C.2320	2336.	0.2241	9659.	12234.	0.0084
C.2330	2349.	0.2251	9670.	12442.	-0.0337
C.2340	2360.	0.2261	9679.	11632.	-0.0360
C.2350	2371.	0.2271	9685.	10822.	-0.0007
C.2360	2382.	0.2281	9691.	10807.	0.0086
C.2370	2393.	0.2291	9696.	10995.	-0.0210
C.2380	2404.	0.2301	9697.	10543.	0.0022
C.2390	2414.	0.2311	9703.	10589.	0.0183
C.2400	2425.	0.2321	9708.	10985.	-0.0104
C.2410	2436.	0.2331	9710.	10759.	0.0069
C.2420	2447.	0.2341	9715.	10909.	0.0524
C.2430	2459.	0.2351	9724.	12116.	0.0092
C.2440	2471.	0.2361	9738.	12342.	-0.0211
C.2450	2483.	0.2371	9747.	11832.	-0.0021
C.2460	2495.	0.2381	9752.	11784.	0.0073
C.2470	2507.	0.2391	9761.	11956.	0.0069
C.2480	2519.	0.2401	9774.	12124.	0.0126
C.2490	2531.	0.2411	9783.	12432.	-0.0246
C.2500	2543.	0.2421	9792.	11835.	-0.0101
C.2510	2555.	0.2431	9797.	11597.	0.0001
C.2520	2566.	0.2441	9806.	11609.	0.0052
C.2530	2578.	0.2451	9818.	12925.	-0.0015
C.2540	2592.	0.2461	9831.	12891.	0.0091
C.2550	2605.	0.2470	9843.	13102.	-0.0282
C.2560	2618.	0.2480	9852.	12383.	-0.0070
C.2570	2630.	0.2490	9860.	12210.	0.0088
C.2580	2642.	0.2500	9872.	12427.	-0.0503
C.2590	2654.	0.2510	9876.	11236.	-0.0312

C.2540	2592.	U.2461	9831.	12691.	0.0081
C.2550	2605.	U.2470	9843.	13102.	-0.0282
C.2560	2618.	U.2480	9852.	12382.	-0.0070
C.2570	2630.	U.2490	9860.	12210.	0.0088
C.2580	2642.	U.2500	9872.	12427.	-0.0503
C.2590	2654.	U.2510	9876.	11236.	-0.0312
C.2600	2664.	U.2520	9881.	10557.	0.0428
C.2610	2676.	U.2530	9885.	11502.	0.0525
C.2620	2688.	U.2540	9897.	12777.	-0.0175
C.2630	2701.	U.2550	9905.	12338.	0.0201
C.2640	2714.	U.2560	9917.	12845.	-0.0071
C.2650	2726.	U.2570	9928.	12665.	0.0249
C.2660	2740.	U.2580	9940.	13311.	-0.0445
C.2670	2752.	U.2590	9948.	12178.	-0.0094
C.2680	2764.	U.2600	9955.	11952.	0.0130
C.2690	2776.	U.2610	9967.	12267.	0.0058
C.2700	2788.	U.2620	9974.	12411.	-0.0331
C.2710	2800.	U.2630	9982.	11617.	0.0359
C.2720	2812.	U.2640	9989.	12483.	-0.0228
C.2730	2824.	U.2650	9996.	11925.	-0.0109
C.2740	2836.	U.2660	10004.	11665.	0.0104
C.2750	2848.	U.2670	10011.	11914.	-0.0156
C.2760	2860.	U.2680	10014.	11549.	0.0329
C.2770	2872.	U.2690	10022.	12335.	0.0083
C.2780	2884.	U.2700	10032.	12540.	-0.0293
C.2790	2896.	U.2710	10039.	11825.	0.0011
C.2800	2908.	U.2720	10046.	11851.	-0.0010
C.2810	2920.	U.2730	10050.	11428.	-0.0695
C.2820	2932.	U.2739	10053.	10478.	0.0390
C.2830	2944.	U.2749	10057.	11329.	-0.0211
C.2840	2952.	U.2759	10060.	10862.	0.0390
C.2850	2964.	U.2769	10067.	11743.	-0.0357
C.2860	2975.	U.2779	10070.	10933.	0.0286
C.2870	2987.	U.2789	10073.	11578.	0.0183
C.2880	2995.	U.2799	10080.	12010.	-0.0011
C.2890	3011.	U.2809	10087.	11983.	-0.0191
C.2900	3022.	U.2819	10093.	11535.	0.0397
C.2910	3035.	U.2829	10100.	12490.	0.0143
C.2920	3048.	U.2839	10110.	12853.	-0.0103
C.2930	3060.	U.2849	10119.	12591.	-0.0082
C.2940	3072.	U.2859	10126.	12387.	-0.0034
C.2950	3085.	U.2869	10136.	12302.	-0.0246
C.2960	3097.	U.2879	10139.	11712.	0.0005
C.2970	3109.	U.2889	10145.	11725.	-0.0323
C.2980	3115.	U.2899	10148.	10992.	0.0135
C.2990	3131.	U.2909	10151.	11292.	0.0025
C.3000	3142.	U.2919	10157.	11349.	0.0301
C.3010	3154.	U.2929	10163.	12053.	0.0277
C.3020	3167.	U.2939	10169.	12741.	-0.0589
C.3030	3178.	U.2949	10175.	11374.	-0.0197
C.3040	3185.	U.2959	10178.	10887.	-0.0011
C.3050	3200.	U.2969	10180.	10863.	0.0738
C.3060	3212.	U.2979	10186.	12593.	-0.0456
C.3070	3224.	U.2989	10192.	11494.	-0.0078
C.3080	3235.	U.2999	10195.	11315.	0.0100
C.3090	3247.	U.3009	10197.	11544.	-0.0042
C.3100	3258.	U.3019	10203.	11448.	-0.0395
C.3110	3265.	U.3028	10203.	10577.	0.0042
C.3120	3280.	U.3038	10205.	10666.	0.0014
C.3130	3290.	U.3048	10208.	10695.	-0.0090
C.3140	3301.	U.3058	10207.	10504.	0.0353
C.3150	3312.	U.3068	10213.	11273.	0.0068
C.3160	3324.	U.3078	10215.	11428.	-0.0499
C.3170	3334.	U.3088	10215.	10342.	0.0336
C.3180	3345.	U.3098	10217.	11060.	0.0084
C.3190	3356.	U.3108	10223.	11247.	-0.0275
C.3200	3367.	U.3118	10222.	10645.	-0.0171
C.3210	3377.	U.3128	10224.	10287.	0.0019
C.3220	3387.	U.3138	10224.	10327.	-0.0051
C.3230	3398.	U.3148	10223.	10222.	0.0175
C.3240	3408.	U.3158	10225.	10586.	0.0306
C.3250	3420.	U.3168	10228.	11254.	-0.0093
C.3260	3431.	U.3178	10230.	11048.	0.0243
C.3270	3442.	U.3188	10232.	11143.	-0.0018
C.3280	3453.	U.3198	10235.	11102.	0.0374
C.3290	3465.	U.3208	10240.	11964.	0.0102
C.3300	3477.	U.3218	10245.	12211.	-0.0130
C.3310	3485.	U.3228	10251.	11897.	0.0090
C.3320 GL	3501.	U.3238	10256.	12113.	-0.0030
C.3330	3513.	U.3248	10264.	12041.	0.0020
C.3340	3525.	U.3258	10269.	12090.	-0.0072
C.3350	3527.	U.3268	10275.	11918.	0.0159
C.3360	3549.	U.3278	10280.	12303.	0.0769
C.3370	3564.	U.3288	10291.	14352.	-0.0534
C.3380	3577.	U.3298	10299.	12898.	0.0172
C.3390	3590.	U.3308	10307.	13349.	-0.0206
C.3400	3602.	U.3317	10315.	12810.	-0.0053
C.3410	3615.	U.3327	10322.	12675.	0.0080
C.3420	3628.	U.3337	10330.	12880.	0.0174
C.3430	3642.	U.3347	10334.	13337.	0.0188
C.3440	3655.	U.3357	10349.	13847.	-0.0193
C.3450	3665.	U.3367	10357.	13310.	-0.0225
C.3460	3682.	U.3377	10364.	12724.	-0.0026

3500

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C.3380	3577.	0.3298	10294.	14352.	-0.0534
C.3390	3590.	0.3306	10307.	13349.	-0.0206
C.3400	3607.	0.3317	10315.	12810.	-0.0053
C.3410	3615.	0.3327	10323.	12675.	0.0080
C.3420	3628.	0.3337	10330.	12880.	0.0174
C.3430	3642.	0.3347	10338.	13337.	0.0188
C.3440	3655.	0.3357	10349.	13847.	-0.0198
C.3450	3665.	0.3367	10357.	13310.	-0.0225
C.3460	3682.	0.3377	10364.	12724.	-0.0035
C.3470	3694.	0.3387	10372.	12635.	0.0213
C.3480	3707.	0.3397	10379.	13186.	-0.0059
C.3490	3720.	0.3407	10387.	13031.	-0.0156
C.3500	3733.	0.3417	10394.	12631.	-0.0053
C.3510	3746.	0.3427	10399.	12497.	0.0005
C.3520	3758.	0.3437	10406.	12509.	-0.0064
					0.0313

C.3100	3258.	0.3019	10203.	11448.	-0.0395
C.3110	3265.	0.3028	10203.	10577.	0.0042
C.3120	3280.	0.3038	10205.	10666.	0.0014
C.3130	3290.	0.3048	10208.	10695.	-0.0090
C.3140	3301.	0.3058	10207.	10504.	0.0353
C.3150	3312.	0.3068	10213.	11273.	0.0068
C.3160	3324.	0.3078	10215.	11428.	-0.0499
C.3170	3334.	0.3088	10215.	10342.	0.0336
C.3180	3345.	0.3098	10217.	11060.	0.0084
C.3190	3356.	0.3108	10223.	11247.	-0.0275
C.3200	3367.	0.3118	10222.	10645.	-0.0171
C.3210	3377.	0.3128	10224.	10297.	0.0019
C.3220	3387.	0.3138	10224.	10327.	-0.0051
C.3230	3398.	0.3148	10223.	10222.	0.0175
C.3240	3408.	0.3158	10225.	10586.	0.0306
C.3250	3420.	0.3168	10228.	11254.	-0.0093
C.3260	3431.	0.3178	10230.	11048.	0.0043
C.3270	3442.	0.3188	10232.	11143.	-0.0018
C.3280	3457.	0.3198	10235.	11102.	0.0374
C.3290	3465.	0.3208	10240.	11964.	0.0102
C.3300	3477.	0.3218	10245.	12211.	-0.0130
C.3310	3489.	0.3228	10251.	11897.	0.0090
C.3320 GL	3501.	0.3238	10256.	12113.	-0.0030
C.3330	3513.	0.3248	10264.	12041.	0.0020
C.3340	3525.	0.3258	10269.	12090.	-0.0072
C.3350	3527.	0.3268	10275.	11918.	0.0159
C.3360	3549.	0.3278	10280.	12303.	0.0769
C.3370	3564.	0.3288	10291.	14352.	-0.0534
C.3380	3577.	0.3298	10299.	12898.	0.0172
C.3390	3590.	0.3306	10307.	13349.	-0.0206
C.3400	3607.	0.3317	10315.	12810.	-0.0053
C.3410	3615.	0.3327	10323.	12675.	0.0080
C.3420	3628.	0.3337	10330.	12880.	0.0174
C.3430	3642.	0.3347	10338.	13337.	0.0188
C.3440	3655.	0.3357	10349.	13847.	-0.0198
C.3450	3665.	0.3367	10357.	13310.	-0.0225
C.3460	3682.	0.3377	10364.	12724.	-0.0035
C.3470	3694.	0.3387	10372.	12635.	0.0213
C.3480	3707.	0.3397	10379.	13186.	-0.0059
C.3490	3720.	0.3407	10387.	13031.	-0.0156
C.3500	3733.	0.3417	10394.	12631.	-0.0053
C.3510	3746.	0.3427	10399.	12497.	0.0005
C.3520	3758.	0.3437	10406.	12509.	-0.0064
C.3530	3770.	0.3447	10411.	12351.	0.0313
C.3540	3784.	0.3457	10418.	13149.	-0.0148
C.3550	3796.	0.3467	10425.	12764.	-0.0052
C.3560	3809.	0.3477	10430.	12633.	-0.0085
C.3570	3821.	0.3487	10437.	12420.	0.0101
C.3580	3834.	0.3497	10444.	12673.	-0.0025
C.3590	3847.	0.3507	10448.	12611.	-0.0258
C.3600	3859.	0.3517	10453.	11976.	-0.0308
C.3610	3870.	0.3527	10454.	11261.	0.0867
C.3620	3882.	0.3537	10464.	13400.	-0.0600
C.3630	3895.	0.3547	10468.	11882.	-0.0055
C.3640	3907.	0.3557	10470.	11752.	0.0151
C.3650	3919.	0.3567	10474.	12112.	0.0259
C.3660	3932.	0.3576	10481.	12755.	-0.0183
C.3670	3944.	0.3586	10488.	12297.	-0.0282
C.3680	3956.	0.3596	10489.	11622.	-0.0091
C.3690	3967.	0.3606	10493.	11413.	-0.0055
C.3700	3978.	0.3616	10495.	11287.	-0.0052
C.3710 GL	3990.	0.3626	10496.	11170.	0.0568
C.3720	4002.	0.3636	10503.	12516.	0.0147
C.3730	4015.	0.3646	10507.	12890.	0.0171
C.3740	4028.	0.3656	10516.	13337.	-0.0473
C.3750	4040.	0.3666	10520.	12132.	-0.0449
C.3760	4052.	0.3676	10521.	11089.	0.0478
C.3770	4064.	0.3686	10525.	12203.	-0.0333
C.3780	4075.	0.3696	10529.	11416.	0.0003
C.3790	4087.	0.3706	10530.	11222.	0.0012

0.3720	4000	4002.	0.3636	10503.	12516.	0.0147
0.3730		4015.	0.3646	10507.	12890.	0.0171
0.3740		4028.	0.3656	10516.	13337.	-0.0473
0.3750		4040.	0.3666	10520.	12132.	-0.0449
0.3760		4052.	0.3676	10521.	11089.	0.0478
0.3770		4064.	0.3686	10525.	12203.	-0.0333
0.3780		4075.	0.3696	10529.	11416.	0.0003
0.3790		4087.	0.3706	10530.	11422.	0.0510
0.3800		4099.	0.3716	10537.	12650.	0.0353
0.3810		4113.	0.3726	10542.	13576.	0.0127
0.3820		4127.	0.3736	10552.	13925.	-0.0259
0.3830		4140.	0.3746	10559.	13221.	-0.0576
0.3840		4152.	0.3756	10562.	11782.	0.0025
0.3850		4164.	0.3766	10566.	11840.	-0.0131
0.3860		4175.	0.3776	10570.	11534.	0.0036
0.3870		4187.	0.3786	10571.	11617.	0.0163
0.3880		4199.	0.3796	10575.	12002.	0.0018
0.3890		4211.	0.3806	10578.	12046.	-0.0029
0.3900		4223.	0.3816	10582.	11976.	-0.0219
0.3910		4234.	0.3826	10586.	11463.	0.0657
0.3920		4247.	0.3836	10592.	13075.	-0.0374
0.3930		4259.	0.3846	10595.	12132.	0.0218
0.3940		4272.	0.3855	10602.	12673.	-0.0419
0.3950		4284.	0.3865	10603.	11654.	0.0197
0.3960		4296.	0.3875	10606.	12122.	-0.0032
0.3970		4308.	0.3885	10610.	12045.	0.0017
0.3980		4320.	0.3895	10613.	12086.	0.0374
0.3990		4332.	0.3905	10619.	13026.	-0.0141
0.4000		4344.	0.3915	10625.	12664.	-0.0184
0.4010		4356.	0.3925	10628.	12207.	0.0329
0.4020		4371.	0.3935	10634.	13036.	0.0290
0.4030		4385.	0.3945	10643.	13815.	-0.0551
0.4040		4397.	0.3955	10649.	12371.	0.0133
0.4050		4410.	0.3965	10652.	12706.	0.0092
0.4060		4423.	0.3975	10658.	12941.	0.0167
0.4070		4436.	0.3985	10666.	13380.	-0.0279
0.4080		4449.	0.3995	10669.	12653.	0.0127
0.4090		4462.	0.4005	10675.	12977.	-0.0482
0.4100		4474.	0.4015	10678.	11784.	0.0719
0.4110		4487.	0.4025	10686.	13610.	-0.0393
0.4120		4500.	0.4035	10689.	12581.	0.0040
0.4130		4512.	0.4045	10695.	12682.	0.0208
0.4140		4526.	0.4055	10700.	13221.	0.0150
0.4150		4539.	0.4065	10708.	13622.	0.0311
0.4160		4554.	0.4075	10716.	14497.	-0.0329
0.4170		4567.	0.4085	10724.	13574.	-0.0017
0.4180		4581.	0.4095	10730.	13527.	-0.0082
0.4190		4594.	0.4104	10737.	13307.	-0.0010
0.4200		4607.	0.4114	10743.	13280.	0.0179
0.4210		4621.	0.4124	10751.	13764.	-0.0147
0.4220		4635.	0.4134	10756.	13364.	0.0273
0.4230		4649.	0.4144	10764.	14115.	0.0018
0.4240		4663.	0.4154	10771.	14166.	-0.0065
0.4250		4677.	0.4164	10779.	13982.	-0.0032
0.4260		4691.	0.4174	10786.	13754.	-0.0098
0.4270		4704.	0.4184	10794.	13488.	0.0101
0.4280		4718.	0.4194	10799.	13763.	-0.0434
0.4290		4730.	0.4204	10804.	12618.	0.0210
0.4300		4744.	0.4214	10809.	13158.	0.0078
0.4310		4757.	0.4224	10814.	13364.	-0.0259
0.4320		4770.	0.4234	10819.	12690.	0.0136
0.4330		4782.	0.4244	10824.	13039.	-0.0228
0.4340		4795.	0.4254	10829.	12457.	0.0224
0.4350		4808.	0.4264	10834.	13028.	-0.0030
0.4360		4821.	0.4274	10839.	12950.	0.0277
0.4370		4835.	0.4284	10844.	13687.	-0.0225
0.4380		4848.	0.4294	10849.	13085.	-0.0178
0.4390		4861.	0.4304	10854.	12627.	-0.0019
0.4400		4873.	0.4314	10859.	12578.	-0.0141
0.4410		4885.	0.4324	10862.	12228.	-0.0002
0.4420		4898.	0.4334	10864.	12222.	0.0019
0.4430		4910.	0.4344	10867.	12268.	-0.0093
0.4440		4922.	0.4354	10869.	12042.	0.0033
0.4450		4934.	0.4363	10872.	12123.	-0.0039
0.4460		4946.	0.4373	10877.	12029.	0.0065
0.4470		4958.	0.4383	10879.	12187.	0.0017
0.4480		4970.	0.4393	10882.	12229.	-0.0025
0.4490		4982.	0.4403	10884.	12167.	-0.0079
0.4500		4995.	0.4413	10887.	11976.	-0.0008
0.4510	GL	5007.	0.4423	10889.	11956.	-0.0070
0.4520		5018.	0.4433	10892.	11790.	-0.0006
0.4530		5030.	0.4443	10894.	11776.	0.0111
0.4540		5042.	0.4453	10896.	12039.	-0.0084
0.4550		5054.	0.4463	10897.	11838.	-0.0042
0.4560		5066.	0.4473	10899.	11739.	-0.0026
0.4570		5077.	0.4483	10902.	11678.	0.0110
		5089.	0.4493	10904.	11838.	-0.0079

0.4490		4983.	0.4403	10884.	12167.	-0.0079
0.4500		4995.	0.4413	10887.	11976.	-0.0008
0.4510	GL	5007.	0.4423	10889.	11956.	-0.0070
0.4520		5018.	0.4433	10892.	11790.	-0.0006
0.4530		5030.	0.4443	10894.	11776.	0.0111
0.4540		5042.	0.4453	10896.	12039.	-0.0084
0.4550		5054.	0.4463	10897.	11838.	-0.0042
0.4560		5066.	0.4473	10899.	11739.	-0.0026
0.4570		5077.	0.4483	10902.	11678.	0.0110
0.4580		5089.	0.4493	10904.	11938.	-0.0079
0.4590		5101.	0.4503	10906.	11750.	-0.0011
0.4600		5113.	0.4513	10907.	11724.	-0.0015
0.4610		5124.	0.4523	10909.	11688.	-0.0031
0.4620		5136.	0.4533	10911.	11616.	0.0014
0.4630		5148.	0.4543	10911.	11649.	0.0054
0.4640		5160.	0.4553	10914.	11775.	-0.0097
0.4650		5171.	0.4563	10916.	11548.	0.0085
0.4660		5183.	0.4573	10916.	11747.	0.0045
0.4670		5195.	0.4583	10919.	11852.	0.0021
0.4680		5207.	0.4593	10921.	11901.	0.0072
0.4690		5219.	0.4603	10923.	12073.	-0.0062
0.4700		5231.	0.4613	10926.	11924.	-0.0026
0.4710		5242.	0.4623	10928.	11664.	-0.0062
0.4720		5254.	0.4633	10930.	11718.	0.0140
0.4730		5266.	0.4642	10932.	12051.	-0.0076
0.4740		5278.	0.4652	10935.	11868.	0.0033
0.4750		5290.	0.4662	10937.	11946.	-0.0079
0.4760		5302.	0.4672	10937.	11758.	0.0023
0.4770		5314.	0.4682	10939.	11812.	-0.0031
0.4780		5325.	0.4692	10941.	11740.	0.0013
0.4790		5337.	0.4702	10944.	11771.	-0.0000
0.4800		5349.	0.4712	10944.	11770.	0.0063
0.4810		5361.	0.4722	10946.	11919.	0.0064
0.4820		5373.	0.4732	10948.	12071.	-0.0079
0.4830		5385.	0.4742	10950.	11882.	-0.0001
0.4840		5397.	0.4752	10952.	11880.	0.0075
0.4850		5409.	0.4762	10955.	12061.	0.0000
0.4860		5421.	0.4772	10957.	12062.	-0.0070
0.4870		5433.	0.4782	10959.	11894.	0.0055
0.4880		5445.	0.4792	10961.	12025.	0.0129
0.4890		5457.	0.4802	10965.	12341.	-0.0006
0.4900		5469.	0.4812	10967.	12325.	-0.0091
0.4910		5481.	0.4822	10969.	12102.	0.0067
0.4920		5494.	0.4832	10972.	12265.	-0.0167
0.4930		5506.	0.4842	10974.	11863.	0.0143
0.4940		5518.	0.4852	10976.	12206.	0.0147
0.4950		5530.	0.4862	10980.	12569.	-0.0054
0.4960		5543.	0.4872	10982.	12434.	-0.0024
0.4970		5555.	0.4882	10986.	12374.	-0.0015
0.4980		5567.	0.4892	10988.	12336.	0.0067
0.4990		5580.	0.4902	10990.	12503.	0.0099
0.5000		5592.	0.4912	10994.	12752.	-0.0010
0.5010		5605.	0.4921	10998.	12726.	0.0072
0.5020		5618.	0.4931	11002.	12910.	0.0007
0.5030		5631.	0.4941	11006.	12928.	0.0099
0.5040		5644.	0.4951	11010.	13185.	0.0030
0.5050		5656.	0.4961	11014.	13280.	-0.0006
0.5060		5671.	0.4971	11018.	13109.	0.0030
0.5070		5684.	0.4981	11024.	13186.	-0.0001
0.5080		5697.	0.4991	11028.	13185.	0.0003
0.5090		5710.	0.5001	11031.	13193.	0.0247
0.5100		5724.	0.5011	11037.	13862.	-0.0434
0.5110		5737.	0.5021	11041.	12708.	0.0079
0.5120		5750.	0.5031	11043.	12912.	-0.0193
0.5130		5762.	0.5041	11047.	12422.	0.0230
0.5140		5775.	0.5051	11051.	13006.	0.0433
0.5150		5790.	0.5061	11056.	14182.	-0.0013
0.5160		5804.	0.5071	11062.	14144.	-0.0240
0.5170		5817.	0.5081	11068.	13481.	0.0283
0.5180		5831.	0.5091	11073.	14265.	-0.0341
0.5190		5845.	0.5101	11077.	13325.	-0.0325
0.5200		5857.	0.5111	11081.	12486.	0.0537
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0.5220		5885.	0.5131	11090.	13488.	-0.0216
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0.5250		5924.	0.5161	11101.	13143.	0.0161
0.5260		5937.	0.5170	11106.	13573.	0.0164
0.5270		5951.	0.5180	11112.	14026.	-0.0133
0.5280		5965.	0.5190	11116.	13657.	0.0070
0.5290		5979.	0.5200	11121.	13848.	0.0067
0.5300		5993.	0.5210	11126.	14034.	-0.0233
0.5310	GL	6006.	0.5220	11132.	13394.	0.0268
0.5320		6020.	0.5230	11137.	14132.	0.0040
0.5330		6035.	0.5240	11143.	14246.	-0.0004
0.5340		6049.	0.5250	11148.	14234.	-0.0309
0.5350		6062.	0.5261	11153.	13481.	-0.0066
0.5360		6075.	0.5271	11157.	13206.	-0.0062
0.5370		6089.	0.5281	11160.	13044.	0.0084
0.5380		6102.	0.5292	11164.	13265.	-0.0011
0.5390		6115.	0.5302	11169.	13237.	0.0109
0.5400		6129.	0.5313	11172.	13527.	0.0038
0.5410		6142.	0.5323	11177.	13632.	-0.0061

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0.5450	6197.	0.5365	11196.	14321.	-0.0138
0.5460	6211.	0.5375	11201.	13932.	-0.0140
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0.5490	6254.	0.5406	11217.	14204.	-0.0308
0.5500	6267.	0.5417	11222.	13356.	0.0047
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0.5530	6308.	0.5448	11233.	13415.	0.0264
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0.5550	6336.	0.5469	11245.	14172.	-0.0430
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0.5590	6391.	0.5510	11261.	14951.	-0.0099
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0.5610	6415.	0.5531	11273.	13437.	0.0112
0.5620	6433.	0.5542	11276.	13742.	-0.0062
0.5630	6447.	0.5552	11281.	13573.	0.0195
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0.5770	6637.	0.5828	11336.	13535.	0.0214
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C.6910	8183.	0.6874	11700.	13532.	0.0194
C.6920	8196.	0.6884	11703.	14068.	-0.0161
C.6930	8210.	0.6895	11707.	13621.	0.0008
C.6940	8224.	0.6905	11710.	13642.	0.0099
C.6950	8238.	0.6915	11713.	13914.	-0.0076
C.6960	8252.	0.6926	11715.	13704.	0.0161
C.6970	8266.	0.6936	11718.	14152.	0.0048
C.6980	8280.	0.6947	11723.	14284.	-0.0163
C.6990	8294.	0.6957	11726.	13829.	-0.0086
C.7000	8308.	0.6967	11728.	13992.	0.0272
C.7010	8321.	0.6978	11731.	14353.	-0.0349
C.7020	8335.	0.6988	11735.	13386.	0.0262
C.7030	8349.	0.6999	11738.	14105.	-0.0025
C.7040	8363.	0.7009	11738.	12198.	0.0333
C.7050	8377.	0.7019	11740.	13039.	0.0153
C.7060	8391.	0.7030	11743.	13444.	-0.0107
C.7070	8405.	0.7040	11745.	13159.	0.0074
C.7080	8419.	0.7051	11747.	13356.	-0.0016
C.7090	8433.	0.7061	11749.	13312.	-0.0039
C.7100	8447.	0.7071	11752.	13206.	-0.0008
C.7110	8461.	0.7082	11754.	13186.	0.0162
C.7120	8475.	0.7092	11755.	13619.	0.0084
C.7130	8489.	0.7103	11758.	13849.	-0.0089
C.7140	8503.	0.7113	11762.	13605.	0.0140
C.7150	8517.	0.7124	11765.	13902.	-0.0130
C.7160	8531.	0.7134	11768.	13633.	-0.0080
C.7170	8545.	0.7144	11770.	13416.	-0.0109
C.7180	8559.	0.7155	11771.	13126.	0.0125
C.7190	8573.	0.7165	11774.	13459.	-0.0038
C.7200	8587.	0.7176	11776.	13358.	-0.0020
C.7210	8601.	0.7186	11776.	11797.	0.0171
C.7220	8615.	0.7196	11777.	12209.	-0.0209
C.7230	8629.	0.7206	11777.	11710.	-0.0031
C.7240	8643.	0.7216	11776.	11637.	0.0035
C.7250	8657.	0.7226	11776.	11718.	0.0417
C.7260	8671.	0.7236	11778.	12737.	-0.0091
C.7270	8685.	0.7246	11778.	12509.	0.0291
C.7280	8699.	0.7256	11780.	13257.	0.0292
C.7290	8713.	0.7266	11784.	14056.	-0.0038
C.7300	8727.	0.7276	11786.	13948.	-0.0308
C.7310	8741.	0.7286	11789.	13115.	0.0481
C.7320	8755.	0.7296	11792.	14441.	-0.0067
C.7330	8769.	0.7306	11795.	14250.	-0.0131
C.7340	8783.	0.7316	11798.	13880.	0.0210
C.7350	8797.	0.7326	11802.	14480.	-0.0100
C.7360	8811.	0.7336	11805.	14194.	-0.0049
C.7370	8825.	0.7346	11808.	14056.	0.0112
C.7380	8839.	0.7357	11811.	14373.	-0.0219
C.7390	8853.	0.7367	11814.	13758.	0.0167
C.7400	8867.	0.7377	11817.	14225.	0.0171
C.7410	8881.	0.7387	11822.	14720.	0.0077
C.7420	8895.	0.7397	11826.	14948.	-0.1082
C.7430	8909.	0.7407	11826.	12029.	0.1721
C.7440	8923.	0.7417	11833.	17030.	0.0403
C.7450	8937.	0.7427	11841.	18461.	-0.0019
C.7460	8951.	0.7437	11851.	18389.	0.0079
C.7470	8965.	0.7447	11861.	18682.	-0.0015
C.7480	8979.	0.7457	11869.	18625.	0.0133
C.7490	8993.	0.7467	11878.	19128.	0.0010
C.7500	9007.	0.7477	11888.	19166.	0.0093
C.7510	9021.	0.7487	11899.	19526.	0.0093
C.7520	9035.	0.7497	11909.	19894.	-0.0191

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C.7400	8942.	0.7447	11861.	18682.	-0.0015
0.7470	8962.	0.7457	11869.	18675.	0.0133
C.7480	8981.	0.7467	11878.	19128.	0.0010
0.7490	9000.	0.7477	11888.	19166.	0.0093
C.7500	9015.	0.7487	11899.	19526.	0.0093
0.7510	9035.	0.7497	11909.	19894.	-0.0191
C.7520	9055.	0.7508	11919.	19147.	-0.0036
0.7530	9078.	0.7518	11928.	19011.	0.0162
C.7540	9097.	0.7528	11939.	19639.	0.0041
0.7550	9117.	0.7538	11948.	19600.	-0.0112
C.7560	9136.	0.7548	11959.	19360.	-0.0045
0.7570	9156.	0.7558	11968.	19186.	0.0169
C.7580	9175.	0.7568	11979.	19846.	-0.0084
0.7590	9195.	0.7578	11988.	19517.	-0.0009
C.7600	9214.	0.7588	11999.	19481.	-0.0086
0.7610	9234.	0.7598	12008.	19150.	0.0111
C.7620	9253.	0.7608	12018.	19579.	-0.0035
0.7630	9273.	0.7618	12028.	19444.	-0.0001
C.7640	9292.	0.7628	12037.	19438.	-0.0349
0.7650	9310.	0.7639	12046.	18127.	-0.0286
C.7660	9327.	0.7649	12052.	17120.	-0.0093
0.7670	9344.	0.7659	12059.	16805.	-0.0273
C.7680	9360.	0.7669	12062.	15912.	-0.0043
0.7690	9376.	0.7679	12068.	15776.	0.0034
C.7700	9392.	0.7689	12073.	15883.	0.0011
0.7710	9408.	0.7699	12078.	15919.	0.0003
C.7720	9423.	0.7709	12083.	15928.	-0.0060
0.7730	9439.	0.7719	12088.	15736.	-0.0043
C.7740	9455.	0.7729	12092.	15600.	0.0055
0.7750	9471.	0.7739	12097.	15772.	0.0096
C.7760	9487.	0.7749	12102.	16078.	0.0013
0.7770	9503.	0.7759	12107.	16118.	0.0030
C.7780	9519.	0.7769	12112.	16215.	-0.0019
0.7790	9535.	0.7779	12118.	16153.	-0.0006
C.7800	9551.	0.7790	12123.	16135.	-0.0021
0.7810	9567.	0.7800	12128.	16067.	-0.0014
C.7820	9583.	0.7810	12133.	16022.	0.0113
0.7830	9600.	0.7820	12138.	16387.	0.0063
C.7840	9616.	0.7830	12144.	16594.	0.0012
0.7850	9632.	0.7840	12149.	16635.	-0.0118
C.7860	9649.	0.7850	12155.	16247.	0.0112
0.7870	9666.	0.7860	12160.	16614.	0.0262
C.7880	9683.	0.7870	12168.	17509.	-0.0467
0.7890	9699.	0.7880	12172.	15946.	0.0158

0.7510	9035.	0.7497	11909.	19894.	-0.0191
C.7520	9055.	0.7508	11919.	19147.	-0.0036
0.7530	9078.	0.7518	11928.	19011.	0.0162
C.7540	9097.	0.7528	11939.	19639.	0.0041
0.7550	9117.	0.7538	11948.	19600.	-0.0112
C.7560	9136.	0.7548	11959.	19360.	-0.0045
0.7570	9156.	0.7558	11968.	19186.	0.0169
C.7580	9175.	0.7568	11979.	19846.	-0.0084
0.7590	9195.	0.7578	11988.	19517.	-0.0009
C.7600	9214.	0.7588	11999.	19481.	-0.0086
0.7610	9234.	0.7598	12008.	19150.	0.0111
C.7620	9253.	0.7608	12018.	19579.	-0.0035
0.7630	9273.	0.7618	12028.	19444.	-0.0001
C.7640	9292.	0.7628	12037.	19438.	-0.0349
0.7650	9310.	0.7639	12046.	18127.	-0.0286
C.7660	9327.	0.7649	12052.	17120.	-0.0093
0.7670	9344.	0.7659	12059.	16805.	-0.0273
C.7680	9360.	0.7669	12062.	15912.	-0.0043
0.7690	9376.	0.7679	12068.	15776.	0.0034
C.7700	9392.	0.7689	12073.	15883.	0.0011
0.7710	9408.	0.7699	12078.	15919.	0.0003
C.7720	9423.	0.7709	12083.	15928.	-0.0060
0.7730	9439.	0.7719	12088.	15736.	-0.0043
C.7740	9455.	0.7729	12092.	15600.	0.0055
0.7750	9471.	0.7739	12097.	15772.	0.0096
C.7760	9487.	0.7749	12102.	16078.	0.0013
0.7770	9503.	0.7759	12107.	16118.	0.0030
C.7780	9519.	0.7769	12112.	16215.	-0.0019
0.7790	9535.	0.7779	12118.	16153.	-0.0006
C.7800	9551.	0.7790	12123.	16135.	-0.0021
0.7810	9567.	0.7800	12128.	16067.	-0.0014
C.7820	9583.	0.7810	12133.	16022.	0.0113
0.7830	9600.	0.7820	12138.	16387.	0.0063
C.7840	9616.	0.7830	12144.	16594.	0.0012
0.7850	9632.	0.7840	12149.	16635.	-0.0118
C.7860	9649.	0.7850	12155.	16247.	0.0112
0.7870	9666.	0.7860	12160.	16614.	0.0262
C.7880	9683.	0.7870	12168.	17509.	-0.0467
0.7890	9699.	0.7880	12172.	15946.	0.0158
C.7900	9716.	0.7890	12177.	16456.	-0.0032
0.7910	9732.	0.7900	12183.	16352.	0.0062

C.7870		9666.	0.7860	12159.	16247.	0.0112
0.7880		9683.	0.7870	12160.	16614.	0.0262
C.7890		9695.	0.7880	12168.	17509.	-0.0467
C.7900		9714.	0.7890	12172.	15446.	0.0158
0.7910		9732.	0.7900	12177.	16456.	-0.0032
C.7920		9745.	0.7910	12183.	16352.	0.0062
C.7930	GL	9765.	0.7920	12188.	16556.	-0.0152
C.7940	9760	9785.	0.7930	12193.	16060.	0.1102
C.7950		9805.	0.7940	12203.	20040.	-0.0024
C.7960		9825.	0.7950	12213.	19946.	-0.0009
0.7970		9844.	0.7960	12222.	19910.	-0.0155
C.7980		9864.	0.7970	12231.	19370.	0.0146
C.7990		9884.	0.7980	12241.	19872.	0.0104
C.8000		9904.	0.7990	12252.	20287.	-0.0056
0.8010		9924.	0.8000	12261.	20060.	-0.0055
C.8020		9944.	0.8010	12270.	19840.	0.0096
C.8030		9964.	0.8020	12281.	20224.	0.0001
0.8040		9985.	0.8030	12290.	20226.	0.0042
C.8050		10005.	0.8040	12300.	20395.	-0.0048
0.8060		10025.	0.8050	12309.	20201.	0.0062
0.8070		10046.	0.8060	12320.	20455.	-0.0062
C.8080		10066.	0.8070	12330.	20205.	-0.0062
C.8090		10086.	0.8080	12339.	19957.	0.0087
0.8100		10106.	0.8090	12349.	20309.	0.0050
C.8110		10127.	0.8100	12359.	20514.	-0.0096
0.8120		10147.	0.8110	12369.	20123.	-0.0041
C.8130		10167.	0.8120	12378.	19959.	0.0072
0.8140		10187.	0.8130	12387.	20247.	-0.0010
C.8150		10207.	0.8140	12397.	20207.	0.0025
C.8160		10228.	0.8150	12407.	20307.	0.0071
C.8170		10248.	0.8160	12417.	20597.	-0.0070
C.8180		10268.	0.8170	12427.	20309.	-0.0070
0.8190		10288.	0.8180	12436.	20025.	0.0064
C.8200		10309.	0.8190	12446.	20284.	0.0096
0.8210		10330.	0.8200	12456.	20676.	-0.0042
0.8220		10347.	0.8210	12465.	20504.	-0.0052
0.8230		10366.	0.8220	12471.	17284.	0.0564
0.8240		10386.	0.8230	12480.	19349.	0.0180
0.8250		10407.	0.8240	12489.	20060.	0.0068
C.8260		10427.	0.8250	12498.	20337.	0.0018
0.8270		10448.	0.8260	12508.	20412.	0.0099
C.8280		10469.	0.8270	12516.	20821.	-0.0039
0.8290		10489.	0.8280	12528.	20660.	0.0006
C.8300		10510.	0.8290	12538.	20685.	0.0017
0.8310		10531.	0.8300	12548.	20756.	0.0011
0.8320		10551.	0.8310	12557.	20802.	-0.0151
0.8330		10571.	0.8320	12567.	20185.	0.0036
0.8340		10591.	0.8330	12576.	20329.	-0.0055
0.8350		10612.	0.8340	12585.	20105.	0.0060
0.8360		10632.	0.8350	12594.	20348.	-0.0025
C.8370		10652.	0.8360	12604.	20245.	-0.0110
C.8380		10672.	0.8370	12612.	19805.	0.0144
0.8390		10692.	0.8380	12622.	20386.	0.0070
0.8400		10713.	0.8390	12631.	20672.	-0.0238
C.8410		10732.	0.8400	12639.	19709.	-0.0017
C.8420		10752.	0.8410	12648.	19644.	0.0035
0.8430		10772.	0.8420	12657.	19782.	-0.0003
0.8440		10791.	0.8430	12664.	19771.	-0.0059
0.8450		10811.	0.8440	12673.	19538.	0.0114
C.8460		10831.	0.8450	12682.	19987.	-0.0010
0.8470		10852.	0.8460	12690.	19945.	0.0151
C.8480		10872.	0.8470	12699.	20556.	-0.0166
0.8490		10892.	0.8480	12708.	19882.	-0.0019
C.8500		10911.	0.8490	12716.	19808.	0.0004
0.8510		10932.	0.8500	12725.	19822.	0.0104
C.8520		10952.	0.8510	12733.	20241.	0.0092
C.8530		10972.	0.8520	12743.	20617.	-0.0020
0.8540		10992.	0.8530	12751.	20525.	0.0010
0.8550	GL	11013.	0.8540	12761.	20576.	-0.0111
C.8560	11000	11033.	0.8550	12770.	20126.	-0.0024
0.8570		11054.	0.8560	12778.	20029.	0.0053
C.8580		11074.	0.8570	12786.	20242.	0.0067
C.8590		11095.	0.8580	12796.	20513.	0.0039
0.8600		11116.	0.8590	12804.	20674.	0.0050
C.8610		11137.	0.8600	12814.	20880.	-0.0020
C.8620		11158.	0.8610	12823.	20798.	0.0125
0.8630		11179.	0.8620	12833.	21324.	-0.0064
0.8640		11200.	0.8630	12842.	21050.	-0.0035
0.8650		11220.	0.8640	12852.	20903.	-0.0081
C.8660		11241.	0.8650	12861.	20567.	0.0086
0.8670		11262.	0.8660	12871.	20924.	-0.0020
0.8680		11282.	0.8670	12880.	20840.	-0.0010
0.8690		11304.	0.8680	12888.	20798.	0.0040
C.8700		11325.	0.8690	12898.	20964.	0.0093
0.8710		11347.	0.8700	12908.	21360.	0.0042
C.8720		11368.	0.8710	12917.	21538.	-0.0069
0.8730		11389.	0.8720	12928.	21245.	-0.0066
C.8740		11410.	0.8730	12937.	20964.	0.0079
0.8750		11431.	0.8740	12946.	21296.	-0.0051
0.8760		11452.	0.8750	12955.	21080.	-0.0038
0.8770		11474.	0.8760	12965.	20922.	0.0068
C.8780		11494.	0.8770	12974.	21207.	-0.0201
0.8790		11514.	0.8780	12982.	20370.	-0.0109
			0.8790	12990.	19922.	0.0071

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0.8710	11347.	0.8707	12908.	21360.	0.0042
0.8720	11368.	0.8717	12917.	21538.	-0.0069
0.8730	11389.	0.8727	12928.	21245.	-0.0066
0.8740	11410.	0.8737	12937.	20964.	0.0079
0.8750	11431.	0.8747	12946.	21296.	-0.0051
0.8760	11452.	0.8757	12955.	21080.	-0.0038
0.8770	11474.	0.8767	12965.	20922.	0.0068
0.8780	11494.	0.8777	12974.	21207.	-0.0201
0.8790	11514.	0.8787	12982.	20370.	-0.0109
0.8800	11535.	0.8797	12990.	19933.	0.0268
0.8810	11556.	0.8808	12999.	21030.	-0.0052
0.8820	11576.	0.8818	13008.	20813.	-0.0094
0.8830	11596.	0.8828	13017.	20473.	-0.0018
0.8840	11618.	0.8838	13025.	20352.	0.0231
0.8850	11638.	0.8848	13034.	21313.	-0.0214
0.8860	11660.	0.8858	13043.	20420.	0.0207
0.8870	11681.	0.8868	13052.	21282.	-0.0052
0.8880	11702.	0.8878	13061.	21062.	0.0037
0.8890	11723.	0.8888	13070.	21218.	-0.0063
0.8900	11744.	0.8898	13079.	20955.	0.0133
0.8910	11766.	0.8908	13089.	21518.	-0.0035
0.8920	11787.	0.8918	13098.	21368.	-0.0013
0.8930	11808.	0.8929	13107.	21314.	-0.0042
0.8940	11829.	0.8939	13116.	21137.	-0.0005
0.8950	11851.	0.8949	13125.	21116.	0.0111
0.8960	11872.	0.8959	13134.	21588.	-0.0145
0.8970	11893.	0.8969	13143.	20971.	-0.0019
0.8980	11914.	0.8979	13152.	20890.	0.0111
0.8990	11935.	0.8989	13160.	21358.	0.0016

0.8630	11175.	0.8626	12842.	21050.	-0.0035
0.8640	11200.	0.8636	12852.	20903.	-0.0081
0.8650	11220.	0.8646	12861.	20567.	0.0086
0.8660	11241.	0.8656	12871.	20924.	-0.0020
0.8670	11262.	0.8666	12880.	20840.	-0.0010
0.8680	11283.	0.8676	12886.	20798.	0.0040
0.8690	11304.	0.8687	12898.	20664.	0.0093
0.8700	11325.	0.8697	12908.	21360.	0.0042
0.8710	11347.	0.8707	12917.	21538.	-0.0069
0.8720	11368.	0.8717	12928.	21245.	-0.0066
0.8730	11389.	0.8727	12937.	20964.	0.0079
0.8740	11410.	0.8737	12946.	21296.	-0.0051
0.8750	11431.	0.8747	12955.	21080.	-0.0038
0.8760	11452.	0.8757	12965.	20922.	0.0068
0.8770	11474.	0.8767	12974.	21207.	-0.0201
0.8780	11494.	0.8777	12982.	20370.	-0.0109
0.8790	11514.	0.8787	12990.	19933.	0.0268
0.8800	11535.	0.8797	12999.	21030.	-0.0052
0.8810	11556.	0.8808	13008.	20813.	-0.0094
0.8820	11576.	0.8818	13017.	20473.	-0.0018
0.8830	11596.	0.8828	13025.	20352.	0.0231
0.8840	11618.	0.8838	13034.	21313.	-0.0214
0.8850	11638.	0.8848	13043.	20420.	0.0207
0.8860	11660.	0.8858	13052.	21282.	-0.0052
0.8870	11681.	0.8868	13061.	21062.	0.0037
0.8880	11702.	0.8878	13070.	21218.	-0.0063
0.8890	11723.	0.8888	13079.	20955.	0.0133
0.8900	11744.	0.8898	13089.	21518.	-0.0035
0.8910	11766.	0.8908	13098.	21368.	-0.0013
0.8920	11787.	0.8918	13107.	21314.	-0.0042
0.8930	11808.	0.8929	13116.	21137.	-0.0005
0.8940	11829.	0.8939	13125.	21116.	0.0111
0.8950	11851.	0.8949	13134.	21588.	-0.0145
0.8960	11872.	0.8959	13143.	20971.	-0.0019
0.8970	11893.	0.8969	13152.	20890.	0.0111
0.8980	11914.	0.8979	13160.	21358.	0.0016
0.8990	11935.	0.8989	13170.	21425.	-0.0020
0.9000	11957.	0.8999	13179.	21336.	-0.0031
0.9010	11978.	0.9009	13188.	21207.	0.0072
0.9020	11999.	0.9019	13197.	21512.	0.0015
0.9030	12021.	0.9029	13207.	21579.	-0.0015
0.9040	12042.	0.9039	13216.	21513.	-0.0044
0.9050	12064.	0.9050	13224.	21323.	0.0014
0.9060	12085.	0.9060	13234.	21384.	-0.0003
0.9070	12107.	0.9070	13243.	21373.	0.0002
0.9080	12128.	0.9080	13252.	21380.	-0.0034
0.9090	12149.	0.9090	13261.	21235.	0.0040
0.9100 GL	12171.	0.9100	13269.	21405.	-0.0059
0.9110	12192.	0.9110	13278.	21155.	-0.0000
0.9113	12195.	0.9114	13282.	21154.	-0.0020
0.9113	12195.	0.9114	13282.	21154.	

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