

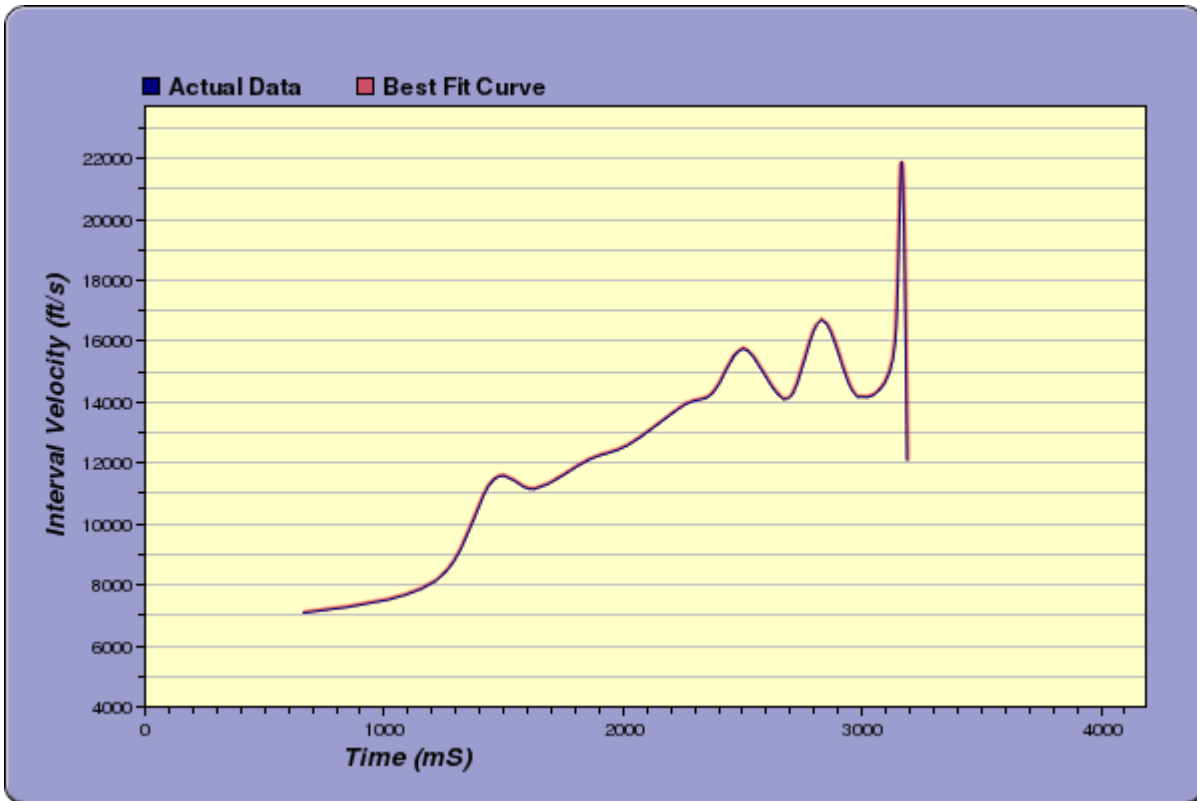
Header Information

API	01003200140000	MD	
Operator	WATSON OIL	TVD	18260
WellNum	2	Water Depth	
Block/Loc	17-4S-6E	Elevation	147
Lease/Fee	2 INTERNATIONAL PAPER	NumPts	15
Area	Baldwin	MaxTime	3188
Latitude	30.70505	MaxDepth	18113
Longitude	-87.493	Date Shot	
Datum	0 ft	Source	
Datum Velocity	5500 ft/sec	Comments	

Original Data Points

Time	Depth	Int. V	Avg. V	RMS V
0.6640	2353	7715	7715	7715
1.2580	4853	7715	7715	7715
1.4600	6011	11465	8234	8335
1.6290	6953	11147	8536	8669
1.8600	8353	12121	8981	9169
2.0190	9353	12578	9264	9482
2.2630	11053	13934	9768	10057
2.3750	11853	14285	9981	10296
2.5020	12853	15748	10274	10640
2.6920	14193	14105	10544	10921
2.8310	15353	16690	10846	11273
2.9820	16423	14172	11014	11437
3.1400	17688	16012	11266	11710
3.1680	17992	21714	11358	11836
3.1880	18113	12099	11363	11838

Interval Velocity Vs Time



Two Way Time vs Depth Interpolated Chart

	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0000	0.0	3.5	7.1	10.6	14.2	17.7	21.3	24.8	28.3	31.9
0010	35.4	39.0	42.5	46.1	49.6	53.2	56.7	60.2	63.8	67.3
0020	70.9	74.4	78.0	81.5	85.0	88.6	92.1	95.7	99.2	102.8
0030	106.3	109.9	113.4	116.9	120.5	124.0	127.6	131.1	134.7	138.2
0040	141.7	145.3	148.8	152.4	155.9	159.5	163.0	166.6	170.1	173.6
0050	177.2	180.7	184.3	187.8	191.4	194.9	198.4	202.0	205.5	209.1
0060	212.6	216.2	219.7	223.3	226.8	230.3	233.9	237.4	241.0	244.5
0070	248.1	251.6	255.1	258.7	262.2	265.8	269.3	272.9	276.4	280.0
0080	283.5	287.0	290.6	294.1	297.7	301.2	304.8	308.3	311.8	315.4
0090	318.9	322.5	326.0	329.6	333.1	336.6	340.2	343.7	347.3	350.8
0100	354.4	357.9	361.5	365.0	368.5	372.1	375.6	379.2	382.7	386.3
0110	389.8	393.3	396.9	400.4	404.0	407.5	411.1	414.6	418.2	421.7
0120	425.2	428.8	432.3	435.9	439.4	443.0	446.5	450.0	453.6	457.1
0130	460.7	464.2	467.8	471.3	474.9	478.4	481.9	485.5	489.0	492.6
0140	496.1	499.7	503.2	506.7	510.3	513.8	517.4	520.9	524.5	528.0
0150	531.6	535.1	538.6	542.2	545.7	549.3	552.8	556.4	559.9	563.4
0160	567.0	570.5	574.1	577.6	581.2	584.7	588.2	591.8	595.3	598.9
0170	602.4	606.0	609.5	613.1	616.6	620.1	623.7	627.2	630.8	634.3
0180	637.9	641.4	644.9	648.5	652.0	655.6	659.1	662.7	666.2	669.8
0190	673.3	676.8	680.4	683.9	687.5	691.0	694.6	698.1	701.6	705.2
0200	708.7	712.3	715.8	719.4	722.9	726.5	730.0	733.5	737.1	740.6
0210	744.2	747.7	751.3	754.8	758.3	761.9	765.4	769.0	772.5	776.1
0220	779.6	783.2	786.7	790.2	793.8	797.3	800.9	804.4	808.0	811.5
0230	815.0	818.6	822.1	825.7	829.2	832.8	836.3	839.9	843.4	846.9
0240	850.5	854.0	857.6	861.1	864.7	868.2	871.7	875.3	878.8	882.4
0250	885.9	889.5	893.0	896.5	900.1	903.6	907.2	910.7	914.3	917.8
0260	921.4	924.9	928.4	932.0	935.5	939.1	942.6	946.2	949.7	953.2
0270	956.8	960.3	963.9	967.4	971.0	974.5	978.1	981.6	985.1	988.7
0280	992.2	995.8	999.3	1002.9	1006.4	1009.9	1013.5	1017.0	1020.6	1024.1
0290	1027.7	1031.2	1034.8	1038.3	1041.8	1045.4	1048.9	1052.5	1056.0	1059.6
0300	1063.1	1066.6	1070.2	1073.7	1077.3	1080.8	1084.4	1087.9	1091.5	1095.0
0310	1098.5	1102.1	1105.6	1109.2	1112.7	1116.3	1119.8	1123.3	1126.9	1130.4
0320	1134.0	1137.5	1141.1	1144.6	1148.2	1151.7	1155.2	1158.8	1162.3	1165.9
0330	1169.4	1173.0	1176.5	1180.0	1183.6	1187.1	1190.7	1194.2	1197.8	1201.3
0340	1204.8	1208.4	1211.9	1215.5	1219.0	1222.6	1226.1	1229.7	1233.2	1236.7
0350	1240.3	1243.8	1247.4	1250.9	1254.5	1258.0	1261.5	1265.1	1268.6	1272.2
0360	1275.7	1279.3	1282.8	1286.4	1289.9	1293.4	1297.0	1300.5	1304.1	1307.6
0370	1311.2	1314.7	1318.2	1321.8	1325.3	1328.9	1332.4	1336.0	1339.5	1343.1
0380	1346.6	1350.1	1353.7	1357.2	1360.8	1364.3	1367.9	1371.4	1374.9	1378.5
0390	1382.0	1385.6	1389.1	1392.7	1396.2	1399.8	1403.3	1406.8	1410.4	1413.9
0400	1417.5	1421.0	1424.6	1428.1	1431.6	1435.2	1438.7	1442.3	1445.8	1449.4
0410	1452.9	1456.5	1460.0	1463.5	1467.1	1470.6	1474.2	1477.7	1481.3	1484.8
0420	1488.3	1491.9	1495.4	1499.0	1502.5	1506.1	1509.6	1513.1	1516.7	1520.2
0430	1523.8	1527.3	1530.9	1534.4	1538.0	1541.5	1545.0	1548.6	1552.1	1555.7
0440	1559.2	1562.8	1566.3	1569.8	1573.4	1576.9	1580.5	1584.0	1587.6	1591.1

0450	1594.7	1598.2	1601.7	1605.3	1608.8	1612.4	1615.9	1619.5	1623.0	1626.5
0460	1630.1	1633.6	1637.2	1640.7	1644.3	1647.8	1651.4	1654.9	1658.4	1662.0
0470	1665.5	1669.1	1672.6	1676.2	1679.7	1683.2	1686.8	1690.3	1693.9	1697.4
0480	1701.0	1704.5	1708.1	1711.6	1715.1	1718.7	1722.2	1725.8	1729.3	1732.9
0490	1736.4	1739.9	1743.5	1747.0	1750.6	1754.1	1757.7	1761.2	1764.8	1768.3
0500	1771.8	1775.4	1778.9	1782.5	1786.0	1789.6	1793.1	1796.6	1800.2	1803.7
0510	1807.3	1810.8	1814.4	1817.9	1821.4	1825.0	1828.5	1832.1	1835.6	1839.2
0520	1842.7	1846.3	1849.8	1853.3	1856.9	1860.4	1864.0	1867.5	1871.1	1874.6
0530	1878.1	1881.7	1885.2	1888.8	1892.3	1895.9	1899.4	1903.0	1906.5	1910.0
0540	1913.6	1917.1	1920.7	1924.2	1927.8	1931.3	1934.8	1938.4	1941.9	1945.5
0550	1949.0	1952.6	1956.1	1959.7	1963.2	1966.7	1970.3	1973.8	1977.4	1980.9
0560	1984.5	1988.0	1991.5	1995.1	1998.6	2002.2	2005.7	2009.3	2012.8	2016.4
0570	2019.9	2023.4	2027.0	2030.5	2034.1	2037.6	2041.2	2044.7	2048.2	2051.8
0580	2055.3	2058.9	2062.4	2066.0	2069.5	2073.0	2076.6	2080.1	2083.7	2087.2
0590	2090.8	2094.3	2097.9	2101.4	2104.9	2108.5	2112.0	2115.6	2119.1	2122.7
0600	2126.2	2129.7	2133.3	2136.8	2140.4	2143.9	2147.5	2151.0	2154.6	2158.1
0610	2161.6	2165.2	2168.7	2172.3	2175.8	2179.4	2182.9	2186.4	2190.0	2193.5
0620	2197.1	2200.6	2204.2	2207.7	2211.3	2214.8	2218.3	2221.9	2225.4	2229.0
0630	2232.5	2236.1	2239.6	2243.1	2246.7	2250.2	2253.8	2257.3	2260.9	2264.4
0640	2268.0	2271.5	2275.0	2278.6	2282.1	2285.7	2289.2	2292.8	2296.3	2299.8
0650	2303.4	2306.9	2310.5	2314.0	2317.6	2321.1	2324.7	2328.2	2331.7	2335.3
0660	2338.8	2342.4	2345.9	2349.5	2353.0	2357.2	2361.4	2365.6	2369.8	2374.0
0670	2378.3	2382.5	2386.7	2390.9	2395.1	2399.3	2403.5	2407.7	2411.9	2416.1
0680	2420.3	2424.5	2428.8	2433.0	2437.2	2441.4	2445.6	2449.8	2454.0	2458.2
0690	2462.4	2466.6	2470.8	2475.1	2479.3	2483.5	2487.7	2491.9	2496.1	2500.3
0700	2504.5	2508.7	2512.9	2517.1	2521.4	2525.6	2529.8	2534.0	2538.2	2542.4
0710	2546.6	2550.8	2555.0	2559.2	2563.4	2567.6	2571.9	2576.1	2580.3	2584.5
0720	2588.7	2592.9	2597.1	2601.3	2605.5	2609.7	2613.9	2618.2	2622.4	2626.6
0730	2630.8	2635.0	2639.2	2643.4	2647.6	2651.8	2656.0	2660.2	2664.4	2668.7
0740	2672.9	2677.1	2681.3	2685.5	2689.7	2693.9	2698.1	2702.3	2706.5	2710.7
0750	2715.0	2719.2	2723.4	2727.6	2731.8	2736.0	2740.2	2744.4	2748.6	2752.8
0760	2757.0	2761.2	2765.5	2769.7	2773.9	2778.1	2782.3	2786.5	2790.7	2794.9
0770	2799.1	2803.3	2807.5	2811.8	2816.0	2820.2	2824.4	2828.6	2832.8	2837.0
0780	2841.2	2845.4	2849.6	2853.8	2858.1	2862.3	2866.5	2870.7	2874.9	2879.1
0790	2883.3	2887.5	2891.7	2895.9	2900.1	2904.3	2908.6	2912.8	2917.0	2921.2
0800	2925.4	2929.6	2933.8	2938.0	2942.2	2946.4	2950.6	2954.9	2959.1	2963.3
0810	2967.5	2971.7	2975.9	2980.1	2984.3	2988.5	2992.7	2996.9	3001.1	3005.4
0820	3009.6	3013.8	3018.0	3022.2	3026.4	3030.6	3034.8	3039.0	3043.2	3047.4
0830	3051.7	3055.9	3060.1	3064.3	3068.5	3072.7	3076.9	3081.1	3085.3	3089.5
0840	3093.7	3097.9	3102.2	3106.4	3110.6	3114.8	3119.0	3123.2	3127.4	3131.6
0850	3135.8	3140.0	3144.2	3148.5	3152.7	3156.9	3161.1	3165.3	3169.5	3173.7
0860	3177.9	3182.1	3186.3	3190.5	3194.8	3199.0	3203.2	3207.4	3211.6	3215.8
0870	3220.0	3224.2	3228.4	3232.6	3236.8	3241.0	3245.3	3249.5	3253.7	3257.9
0880	3262.1	3266.3	3270.5	3274.7	3278.9	3283.1	3287.3	3291.6	3295.8	3300.0
0890	3304.2	3308.4	3312.6	3316.8	3321.0	3325.2	3329.4	3333.6	3337.8	3342.1
0900	3346.3	3350.5	3354.7	3358.9	3363.1	3367.3	3371.5	3375.7	3379.9	3384.1
0910	3388.4	3392.6	3396.8	3401.0	3405.2	3409.4	3413.6	3417.8	3422.0	3426.2
0920	3430.4	3434.6	3438.9	3443.1	3447.3	3451.5	3455.7	3459.9	3464.1	3468.3
0930	3472.5	3476.7	3480.9	3485.2	3489.4	3493.6	3497.8	3502.0	3506.2	3510.4

0940	3514.6	3518.8	3523.0	3527.2	3531.5	3535.7	3539.9	3544.1	3548.3	3552.5
0950	3556.7	3560.9	3565.1	3569.3	3573.5	3577.7	3582.0	3586.2	3590.4	3594.6
0960	3598.8	3603.0	3607.2	3611.4	3615.6	3619.8	3624.0	3628.3	3632.5	3636.7
0970	3640.9	3645.1	3649.3	3653.5	3657.7	3661.9	3666.1	3670.3	3674.5	3678.8
0980	3683.0	3687.2	3691.4	3695.6	3699.8	3704.0	3708.2	3712.4	3716.6	3720.8
0990	3725.1	3729.3	3733.5	3737.7	3741.9	3746.1	3750.3	3754.5	3758.7	3762.9
1000	3767.1	3771.4	3775.6	3779.8	3784.0	3788.2	3792.4	3796.6	3800.8	3805.0
1010	3809.2	3813.4	3817.6	3821.9	3826.1	3830.3	3834.5	3838.7	3842.9	3847.1
1020	3851.3	3855.5	3859.7	3863.9	3868.2	3872.4	3876.6	3880.8	3885.0	3889.2
1030	3893.4	3897.6	3901.8	3906.0	3910.2	3914.4	3918.7	3922.9	3927.1	3931.3
1040	3935.5	3939.7	3943.9	3948.1	3952.3	3956.5	3960.7	3965.0	3969.2	3973.4
1050	3977.6	3981.8	3986.0	3990.2	3994.4	3998.6	4002.8	4007.0	4011.2	4015.5
1060	4019.7	4023.9	4028.1	4032.3	4036.5	4040.7	4044.9	4049.1	4053.3	4057.5
1070	4061.8	4066.0	4070.2	4074.4	4078.6	4082.8	4087.0	4091.2	4095.4	4099.6
1080	4103.8	4108.1	4112.3	4116.5	4120.7	4124.9	4129.1	4133.3	4137.5	4141.7
1090	4145.9	4150.1	4154.3	4158.6	4162.8	4167.0	4171.2	4175.4	4179.6	4183.8
1100	4188.0	4192.2	4196.4	4200.6	4204.9	4209.1	4213.3	4217.5	4221.7	4225.9
1110	4230.1	4234.3	4238.5	4242.7	4246.9	4251.1	4255.4	4259.6	4263.8	4268.0
1120	4272.2	4276.4	4280.6	4284.8	4289.0	4293.2	4297.4	4301.7	4305.9	4310.1
1130	4314.3	4318.5	4322.7	4326.9	4331.1	4335.3	4339.5	4343.7	4347.9	4352.2
1140	4356.4	4360.6	4364.8	4369.0	4373.2	4377.4	4381.6	4385.8	4390.0	4394.2
1150	4398.5	4402.7	4406.9	4411.1	4415.3	4419.5	4423.7	4427.9	4432.1	4436.3
1160	4440.5	4444.8	4449.0	4453.2	4457.4	4461.6	4465.8	4470.0	4474.2	4478.4
1170	4482.6	4486.8	4491.0	4495.3	4499.5	4503.7	4507.9	4512.1	4516.3	4520.5
1180	4524.7	4528.9	4533.1	4537.3	4541.6	4545.8	4550.0	4554.2	4558.4	4562.6
1190	4566.8	4571.0	4575.2	4579.4	4583.6	4587.8	4592.1	4596.3	4600.5	4604.7
1200	4608.9	4613.1	4617.3	4621.5	4625.7	4629.9	4634.1	4638.4	4642.6	4646.8
1210	4651.0	4655.2	4659.4	4663.6	4667.8	4672.0	4676.2	4680.4	4684.6	4688.9
1220	4693.1	4697.3	4701.5	4705.7	4709.9	4714.1	4718.3	4722.5	4726.7	4730.9
1230	4735.2	4739.4	4743.6	4747.8	4752.0	4756.2	4760.4	4764.6	4768.8	4773.0
1240	4777.2	4781.5	4785.7	4789.9	4794.1	4798.3	4802.5	4806.7	4810.9	4815.1
1250	4819.3	4823.5	4827.7	4832.0	4836.2	4840.4	4844.6	4848.8	4853.0	4857.2
1260	4864.5	4870.2	4875.9	4881.7	4887.4	4893.1	4898.9	4904.6	4910.3	4916.1
1270	4921.8	4927.5	4933.3	4939.0	4944.7	4950.5	4956.2	4961.9	4967.7	4973.4
1280	4979.1	4984.9	4990.6	4996.3	5002.0	5007.8	5013.5	5019.2	5025.0	5030.7
1290	5036.4	5042.2	5047.9	5053.6	5059.4	5065.1	5070.8	5076.6	5082.3	5088.0
1300	5093.8	5099.5	5105.2	5111.0	5116.7	5122.4	5128.2	5133.9	5139.6	5145.4
1310	5151.1	5156.8	5162.6	5168.3	5174.0	5179.8	5185.5	5191.2	5197.0	5202.7
1320	5208.4	5214.2	5219.9	5225.6	5231.4	5237.1	5242.8	5248.6	5254.3	5260.0
1330	5265.8	5271.5	5277.2	5283.0	5288.7	5294.4	5300.1	5305.9	5311.6	5317.3
1340	5323.1	5328.8	5334.5	5340.3	5346.0	5351.7	5357.5	5363.2	5368.9	5374.7
1350	5380.4	5386.1	5391.9	5397.6	5403.3	5409.1	5414.8	5420.5	5426.3	5432.0
1360	5437.7	5443.5	5449.2	5454.9	5460.7	5466.4	5472.1	5477.9	5483.6	5489.3
1370	5495.1	5500.8	5506.5	5512.3	5518.0	5523.7	5529.5	5535.2	5540.9	5546.7
1380	5552.4	5558.1	5563.9	5569.6	5575.3	5581.0	5586.8	5592.5	5598.2	5604.0
1390	5609.7	5615.4	5621.2	5626.9	5632.6	5638.4	5644.1	5649.8	5655.6	5661.3
1400	5667.0	5672.8	5678.5	5684.2	5690.0	5695.7	5701.4	5707.2	5712.9	5718.6
1410	5724.4	5730.1	5735.8	5741.6	5747.3	5753.0	5758.8	5764.5	5770.2	5776.0
1420	5781.7	5787.4	5793.2	5798.9	5804.6	5810.4	5816.1	5821.8	5827.6	5833.3

1430	5839.0	5844.8	5850.5	5856.2	5862.0	5867.7	5873.4	5879.1	5884.9	5890.6
1440	5896.3	5902.1	5907.8	5913.5	5919.3	5925.0	5930.7	5936.5	5942.2	5947.9
1450	5953.7	5959.4	5965.1	5970.9	5976.6	5982.3	5988.1	5993.8	5999.5	6005.3
1460	6011.0	6016.6	6022.1	6027.7	6033.3	6038.9	6044.4	6050.0	6055.6	6061.2
1470	6066.7	6072.3	6077.9	6083.5	6089.0	6094.6	6100.2	6105.8	6111.3	6116.9
1480	6122.5	6128.1	6133.6	6139.2	6144.8	6150.3	6155.9	6161.5	6167.1	6172.6
1490	6178.2	6183.8	6189.4	6194.9	6200.5	6206.1	6211.7	6217.2	6222.8	6228.4
1500	6234.0	6239.5	6245.1	6250.7	6256.3	6261.8	6267.4	6273.0	6278.6	6284.1
1510	6289.7	6295.3	6300.8	6306.4	6312.0	6317.6	6323.1	6328.7	6334.3	6339.9
1520	6345.4	6351.0	6356.6	6362.2	6367.7	6373.3	6378.9	6384.5	6390.0	6395.6
1530	6401.2	6406.8	6412.3	6417.9	6423.5	6429.0	6434.6	6440.2	6445.8	6451.3
1540	6456.9	6462.5	6468.1	6473.6	6479.2	6484.8	6490.4	6495.9	6501.5	6507.1
1550	6512.7	6518.2	6523.8	6529.4	6535.0	6540.5	6546.1	6551.7	6557.2	6562.8
1560	6568.4	6574.0	6579.5	6585.1	6590.7	6596.3	6601.8	6607.4	6613.0	6618.6
1570	6624.1	6629.7	6635.3	6640.9	6646.4	6652.0	6657.6	6663.2	6668.7	6674.3
1580	6679.9	6685.4	6691.0	6696.6	6702.2	6707.7	6713.3	6718.9	6724.5	6730.0
1590	6735.6	6741.2	6746.8	6752.3	6757.9	6763.5	6769.1	6774.6	6780.2	6785.8
1600	6791.4	6796.9	6802.5	6808.1	6813.7	6819.2	6824.8	6830.4	6835.9	6841.5
1610	6847.1	6852.7	6858.2	6863.8	6869.4	6875.0	6880.5	6886.1	6891.7	6897.3
1620	6902.8	6908.4	6914.0	6919.6	6925.1	6930.7	6936.3	6941.9	6947.4	6953.0
1630	6959.1	6965.1	6971.2	6977.2	6983.3	6989.4	6995.4	7001.5	7007.5	7013.6
1640	7019.7	7025.7	7031.8	7037.8	7043.9	7050.0	7056.0	7062.1	7068.2	7074.2
1650	7080.3	7086.3	7092.4	7098.5	7104.5	7110.6	7116.6	7122.7	7128.8	7134.8
1660	7140.9	7146.9	7153.0	7159.1	7165.1	7171.2	7177.2	7183.3	7189.4	7195.4
1670	7201.5	7207.5	7213.6	7219.7	7225.7	7231.8	7237.8	7243.9	7250.0	7256.0
1680	7262.1	7268.2	7274.2	7280.3	7286.3	7292.4	7298.5	7304.5	7310.6	7316.6
1690	7322.7	7328.8	7334.8	7340.9	7346.9	7353.0	7359.1	7365.1	7371.2	7377.2
1700	7383.3	7389.4	7395.4	7401.5	7407.5	7413.6	7419.7	7425.7	7431.8	7437.8
1710	7443.9	7450.0	7456.0	7462.1	7468.2	7474.2	7480.3	7486.3	7492.4	7498.5
1720	7504.5	7510.6	7516.6	7522.7	7528.8	7534.8	7540.9	7546.9	7553.0	7559.1
1730	7565.1	7571.2	7577.2	7583.3	7589.4	7595.4	7601.5	7607.5	7613.6	7619.7
1740	7625.7	7631.8	7637.8	7643.9	7650.0	7656.0	7662.1	7668.2	7674.2	7680.3
1750	7686.3	7692.4	7698.5	7704.5	7710.6	7716.6	7722.7	7728.8	7734.8	7740.9
1760	7746.9	7753.0	7759.1	7765.1	7771.2	7777.2	7783.3	7789.4	7795.4	7801.5
1770	7807.5	7813.6	7819.7	7825.7	7831.8	7837.8	7843.9	7850.0	7856.0	7862.1
1780	7868.2	7874.2	7880.3	7886.3	7892.4	7898.5	7904.5	7910.6	7916.6	7922.7
1790	7928.8	7934.8	7940.9	7946.9	7953.0	7959.1	7965.1	7971.2	7977.2	7983.3
1800	7989.4	7995.4	8001.5	8007.5	8013.6	8019.7	8025.7	8031.8	8037.8	8043.9
1810	8050.0	8056.0	8062.1	8068.2	8074.2	8080.3	8086.3	8092.4	8098.5	8104.5
1820	8110.6	8116.6	8122.7	8128.8	8134.8	8140.9	8146.9	8153.0	8159.1	8165.1
1830	8171.2	8177.2	8183.3	8189.4	8195.4	8201.5	8207.5	8213.6	8219.7	8225.7
1840	8231.8	8237.8	8243.9	8250.0	8256.0	8262.1	8268.2	8274.2	8280.3	8286.3
1850	8292.4	8298.5	8304.5	8310.6	8316.6	8322.7	8328.8	8334.8	8340.9	8346.9
1860	8353.0	8359.3	8365.6	8371.9	8378.2	8384.4	8390.7	8397.0	8403.3	8409.6
1870	8415.9	8422.2	8428.5	8434.8	8441.1	8447.3	8453.6	8459.9	8466.2	8472.5
1880	8478.8	8485.1	8491.4	8497.7	8503.9	8510.2	8516.5	8522.8	8529.1	8535.4
1890	8541.7	8548.0	8554.3	8560.5	8566.8	8573.1	8579.4	8585.7	8592.0	8598.3
1900	8604.6	8610.9	8617.2	8623.4	8629.7	8636.0	8642.3	8648.6	8654.9	8661.2
1910	8667.5	8673.8	8680.0	8686.3	8692.6	8698.9	8705.2	8711.5	8717.8	8724.1

1920	8730.4	8736.6	8742.9	8749.2	8755.5	8761.8	8768.1	8774.4	8780.7	8787.0
1930	8793.3	8799.5	8805.8	8812.1	8818.4	8824.7	8831.0	8837.3	8843.6	8849.9
1940	8856.1	8862.4	8868.7	8875.0	8881.3	8887.6	8893.9	8900.2	8906.5	8912.7
1950	8919.0	8925.3	8931.6	8937.9	8944.2	8950.5	8956.8	8963.1	8969.4	8975.6
1960	8981.9	8988.2	8994.5	9000.8	9007.1	9013.4	9019.7	9026.0	9032.2	9038.5
1970	9044.8	9051.1	9057.4	9063.7	9070.0	9076.3	9082.6	9088.8	9095.1	9101.4
1980	9107.7	9114.0	9120.3	9126.6	9132.9	9139.2	9145.5	9151.7	9158.0	9164.3
1990	9170.6	9176.9	9183.2	9189.5	9195.8	9202.1	9208.3	9214.6	9220.9	9227.2
2000	9233.5	9239.8	9246.1	9252.4	9258.7	9264.9	9271.2	9277.5	9283.8	9290.1
2010	9296.4	9302.7	9309.0	9315.3	9321.6	9327.8	9334.1	9340.4	9346.7	9353.0
2020	9425.0	9431.7	9438.4	9445.1	9451.8	9458.5	9465.2	9471.9	9478.6	9485.3
2030	9492.0	9498.7	9505.4	9512.1	9518.8	9525.5	9532.2	9538.9	9545.6	9552.3
2040	9559.0	9565.7	9572.4	9579.1	9585.8	9592.5	9599.2	9605.9	9612.6	9619.3
2050	9626.0	9632.7	9639.4	9646.1	9652.8	9659.5	9666.2	9672.9	9679.6	9686.3
2060	9693.0	9699.7	9706.3	9713.0	9719.7	9726.4	9733.1	9739.8	9746.5	9753.2
2070	9759.9	9766.6	9773.3	9780.0	9786.7	9793.4	9800.1	9806.8	9813.5	9820.2
2080	9826.9	9833.6	9840.3	9847.0	9853.7	9860.4	9867.1	9873.8	9880.5	9887.2
2090	9893.9	9900.6	9907.3	9914.0	9920.7	9927.4	9934.1	9940.8	9947.5	9954.2
2100	9960.9	9967.6	9974.3	9981.0	9987.7	9994.4	10001.1	10007.8	10014.5	10021.2
2110	10027.9	10034.6	10041.3	10048.0	10054.7	10061.4	10068.1	10074.8	10081.5	10088.2
2120	10094.9	10101.6	10108.3	10115.0	10121.7	10128.4	10135.1	10141.8	10148.5	10155.2
2130	10161.9	10168.6	10175.3	10182.0	10188.7	10195.4	10202.1	10208.8	10215.5	10222.2
2140	10228.9	10235.6	10242.3	10249.0	10255.7	10262.4	10269.1	10275.8	10282.5	10289.2
2150	10295.9	10302.6	10309.3	10316.0	10322.7	10329.4	10336.1	10342.8	10349.5	10356.2
2160	10362.9	10369.6	10376.3	10383.0	10389.7	10396.4	10403.1	10409.8	10416.5	10423.2
2170	10429.9	10436.6	10443.3	10450.0	10456.7	10463.4	10470.1	10476.8	10483.5	10490.2
2180	10496.9	10503.6	10510.3	10517.0	10523.7	10530.4	10537.1	10543.8	10550.5	10557.2
2190	10563.9	10570.6	10577.3	10584.0	10590.7	10597.4	10604.1	10610.8	10617.5	10624.2
2200	10630.9	10637.6	10644.3	10651.0	10657.7	10664.4	10671.1	10677.8	10684.5	10691.2
2210	10697.9	10704.6	10711.3	10718.0	10724.7	10731.4	10738.1	10744.8	10751.5	10758.2
2220	10764.9	10771.6	10778.3	10785.0	10791.7	10798.4	10805.1	10811.8	10818.5	10825.2
2230	10831.9	10838.6	10845.3	10852.0	10858.7	10865.4	10872.1	10878.8	10885.5	10892.2
2240	10898.9	10905.6	10912.3	10919.0	10925.7	10932.4	10939.1	10945.8	10952.5	10959.2
2250	10965.9	10972.6	10979.3	10986.0	10992.7	10999.4	11006.1	11012.8	11019.5	11026.2
2260	11032.9	11039.6	11046.3	11053.0	11060.1	11067.3	11074.4	11081.6	11088.7	11095.9
2270	11103.0	11110.1	11117.3	11124.4	11131.6	11138.7	11145.9	11153.0	11160.1	11167.3
2280	11174.4	11181.6	11188.7	11195.9	11203.0	11210.1	11217.3	11224.4	11231.6	11238.7
2290	11245.9	11253.0	11260.1	11267.3	11274.4	11281.6	11288.7	11295.9	11303.0	11310.1
2300	11317.3	11324.4	11331.6	11338.7	11345.9	11353.0	11360.1	11367.3	11374.4	11381.6
2310	11388.7	11395.9	11403.0	11410.1	11417.3	11424.4	11431.6	11438.7	11445.9	11453.0
2320	11460.1	11467.3	11474.4	11481.6	11488.7	11495.9	11503.0	11510.1	11517.3	11524.4
2330	11531.6	11538.7	11545.9	11553.0	11560.1	11567.3	11574.4	11581.6	11588.7	11595.9
2340	11603.0	11610.1	11617.3	11624.4	11631.6	11638.7	11645.9	11653.0	11660.1	11667.3
2350	11674.4	11681.6	11688.7	11695.9	11703.0	11710.1	11717.3	11724.4	11731.6	11738.7
2360	11745.9	11753.0	11760.1	11767.3	11774.4	11781.6	11788.7	11795.9	11803.0	11810.1
2370	11817.3	11824.4	11831.6	11838.7	11845.9	11853.0	11860.9	11868.7	11876.6	11884.5
2380	11892.4	11900.2	11908.1	11916.0	11923.9	11931.7	11939.6	11947.5	11955.4	11963.2
2390	11971.1	11979.0	11986.9	11994.7	12002.6	12010.5	12018.4	12026.2	12034.1	12042.0
2400	12049.9	12057.7	12065.6	12073.5	12081.3	12089.2	12097.1	12105.0	12112.8	12120.7

2410	12128.6	12136.5	12144.3	12152.2	12160.1	12168.0	12175.8	12183.7	12191.6	12199.5
2420	12207.3	12215.2	12223.1	12231.0	12238.8	12246.7	12254.6	12262.4	12270.3	12278.2
2430	12286.1	12293.9	12301.8	12309.7	12317.6	12325.4	12333.3	12341.2	12349.1	12356.9
2440	12364.8	12372.7	12380.6	12388.4	12396.3	12404.2	12412.1	12419.9	12427.8	12435.7
2450	12443.6	12451.4	12459.3	12467.2	12475.0	12482.9	12490.8	12498.7	12506.5	12514.4
2460	12522.3	12530.2	12538.0	12545.9	12553.8	12561.7	12569.5	12577.4	12585.3	12593.2
2470	12601.0	12608.9	12616.8	12624.7	12632.5	12640.4	12648.3	12656.1	12664.0	12671.9
2480	12679.8	12687.6	12695.5	12703.4	12711.3	12719.1	12727.0	12734.9	12742.8	12750.6
2490	12758.5	12766.4	12774.3	12782.1	12790.0	12797.9	12805.8	12813.6	12821.5	12829.4
2500	12837.3	12845.1	12853.0	12860.1	12867.1	12874.2	12881.2	12888.3	12895.3	12902.4
2510	12909.4	12916.5	12923.5	12930.6	12937.6	12944.7	12951.7	12958.8	12965.8	12972.9
2520	12979.9	12987.0	12994.1	13001.1	13008.2	13015.2	13022.3	13029.3	13036.4	13043.4
2530	13050.5	13057.5	13064.6	13071.6	13078.7	13085.7	13092.8	13099.8	13106.9	13113.9
2540	13121.0	13128.1	13135.1	13142.2	13149.2	13156.3	13163.3	13170.4	13177.4	13184.5
2550	13191.5	13198.6	13205.6	13212.7	13219.7	13226.8	13233.8	13240.9	13247.9	13255.0
2560	13262.1	13269.1	13276.2	13283.2	13290.3	13297.3	13304.4	13311.4	13318.5	13325.5
2570	13332.6	13339.6	13346.7	13353.7	13360.8	13367.8	13374.9	13381.9	13389.0	13396.1
2580	13403.1	13410.2	13417.2	13424.3	13431.3	13438.4	13445.4	13452.5	13459.5	13466.6
2590	13473.6	13480.7	13487.7	13494.8	13501.8	13508.9	13515.9	13523.0	13530.1	13537.1
2600	13544.2	13551.2	13558.3	13565.3	13572.4	13579.4	13586.5	13593.5	13600.6	13607.6
2610	13614.7	13621.7	13628.8	13635.8	13642.9	13649.9	13657.0	13664.1	13671.1	13678.2
2620	13685.2	13692.3	13699.3	13706.4	13713.4	13720.5	13727.5	13734.6	13741.6	13748.7
2630	13755.7	13762.8	13769.8	13776.9	13783.9	13791.0	13798.1	13805.1	13812.2	13819.2
2640	13826.3	13833.3	13840.4	13847.4	13854.5	13861.5	13868.6	13875.6	13882.7	13889.7
2650	13896.8	13903.8	13910.9	13917.9	13925.0	13932.1	13939.1	13946.2	13953.2	13960.3
2660	13967.3	13974.4	13981.4	13988.5	13995.5	14002.6	14009.6	14016.7	14023.7	14030.8
2670	14037.8	14044.9	14051.9	14059.0	14066.1	14073.1	14080.2	14087.2	14094.3	14101.3
2680	14108.4	14115.4	14122.5	14129.5	14136.6	14143.6	14150.7	14157.7	14164.8	14171.8
2690	14178.9	14185.9	14193.0	14201.3	14209.7	14218.0	14226.4	14234.7	14243.1	14251.4
2700	14259.8	14268.1	14276.5	14284.8	14293.1	14301.5	14309.8	14318.2	14326.5	14334.9
2710	14343.2	14351.6	14359.9	14368.3	14376.6	14384.9	14393.3	14401.6	14410.0	14418.3
2720	14426.7	14435.0	14443.4	14451.7	14460.1	14468.4	14476.7	14485.1	14493.4	14501.8
2730	14510.1	14518.5	14526.8	14535.2	14543.5	14551.8	14560.2	14568.5	14576.9	14585.2
2740	14593.6	14601.9	14610.3	14618.6	14627.0	14635.3	14643.6	14652.0	14660.3	14668.7
2750	14677.0	14685.4	14693.7	14702.1	14710.4	14718.8	14727.1	14735.4	14743.8	14752.1
2760	14760.5	14768.8	14777.2	14785.5	14793.9	14802.2	14810.6	14818.9	14827.2	14835.6
2770	14843.9	14852.3	14860.6	14869.0	14877.3	14885.7	14894.0	14902.4	14910.7	14919.0
2780	14927.4	14935.7	14944.1	14952.4	14960.8	14969.1	14977.5	14985.8	14994.2	15002.5
2790	15010.8	15019.2	15027.5	15035.9	15044.2	15052.6	15060.9	15069.3	15077.6	15085.9
2800	15094.3	15102.6	15111.0	15119.3	15127.7	15136.0	15144.4	15152.7	15161.1	15169.4
2810	15177.7	15186.1	15194.4	15202.8	15211.1	15219.5	15227.8	15236.2	15244.5	15252.9
2820	15261.2	15269.5	15277.9	15286.2	15294.6	15302.9	15311.3	15319.6	15328.0	15336.3
2830	15344.7	15353.0	15360.1	15367.2	15374.3	15381.3	15388.4	15395.5	15402.6	15409.7
2840	15416.8	15423.9	15430.9	15438.0	15445.1	15452.2	15459.3	15466.4	15473.5	15480.5
2850	15487.6	15494.7	15501.8	15508.9	15516.0	15523.1	15530.2	15537.2	15544.3	15551.4
2860	15558.5	15565.6	15572.7	15579.8	15586.8	15593.9	15601.0	15608.1	15615.2	15622.3
2870	15629.4	15636.4	15643.5	15650.6	15657.7	15664.8	15671.9	15679.0	15686.0	15693.1
2880	15700.2	15707.3	15714.4	15721.5	15728.6	15735.6	15742.7	15749.8	15756.9	15764.0
2890	15771.1	15778.2	15785.3	15792.3	15799.4	15806.5	15813.6	15820.7	15827.8	15834.9

2900	15841.9	15849.0	15856.1	15863.2	15870.3	15877.4	15884.5	15891.5	15898.6	15905.7
2910	15912.8	15919.9	15927.0	15934.1	15941.1	15948.2	15955.3	15962.4	15969.5	15976.6
2920	15983.7	15990.7	15997.8	16004.9	16012.0	16019.1	16026.2	16033.3	16040.4	16047.4
2930	16054.5	16061.6	16068.7	16075.8	16082.9	16090.0	16097.0	16104.1	16111.2	16118.3
2940	16125.4	16132.5	16139.6	16146.6	16153.7	16160.8	16167.9	16175.0	16182.1	16189.2
2950	16196.2	16203.3	16210.4	16217.5	16224.6	16231.7	16238.8	16245.8	16252.9	16260.0
2960	16267.1	16274.2	16281.3	16288.4	16295.5	16302.5	16309.6	16316.7	16323.8	16330.9
2970	16338.0	16345.1	16352.1	16359.2	16366.3	16373.4	16380.5	16387.6	16394.7	16401.7
2980	16408.8	16415.9	16423.0	16431.0	16439.0	16447.0	16455.0	16463.0	16471.0	16479.0
2990	16487.1	16495.1	16503.1	16511.1	16519.1	16527.1	16535.1	16543.1	16551.1	16559.1
3000	16567.1	16575.1	16583.1	16591.1	16599.1	16607.1	16615.2	16623.2	16631.2	16639.2
3010	16647.2	16655.2	16663.2	16671.2	16679.2	16687.2	16695.2	16703.2	16711.2	16719.2
3020	16727.2	16735.2	16743.3	16751.3	16759.3	16767.3	16775.3	16783.3	16791.3	16799.3
3030	16807.3	16815.3	16823.3	16831.3	16839.3	16847.3	16855.3	16863.3	16871.4	16879.4
3040	16887.4	16895.4	16903.4	16911.4	16919.4	16927.4	16935.4	16943.4	16951.4	16959.4
3050	16967.4	16975.4	16983.4	16991.4	16999.5	17007.5	17015.5	17023.5	17031.5	17039.5
3060	17047.5	17055.5	17063.5	17071.5	17079.5	17087.5	17095.5	17103.5	17111.5	17119.6
3070	17127.6	17135.6	17143.6	17151.6	17159.6	17167.6	17175.6	17183.6	17191.6	17199.6
3080	17207.6	17215.6	17223.6	17231.6	17239.6	17247.7	17255.7	17263.7	17271.7	17279.7
3090	17287.7	17295.7	17303.7	17311.7	17319.7	17327.7	17335.7	17343.7	17351.7	17359.7
3100	17367.7	17375.8	17383.8	17391.8	17399.8	17407.8	17415.8	17423.8	17431.8	17439.8
3110	17447.8	17455.8	17463.8	17471.8	17479.8	17487.8	17495.8	17503.9	17511.9	17519.9
3120	17527.9	17535.9	17543.9	17551.9	17559.9	17567.9	17575.9	17583.9	17591.9	17599.9
3130	17607.9	17615.9	17623.9	17632.0	17640.0	17648.0	17656.0	17664.0	17672.0	17680.0
3140	17688.0	17698.9	17709.7	17720.6	17731.4	17742.3	17753.1	17764.0	17774.9	17785.7
3150	17796.6	17807.4	17818.3	17829.1	17840.0	17850.9	17861.7	17872.6	17883.4	17894.3
3160	17905.1	17916.0	17926.9	17937.7	17948.6	17959.4	17970.3	17981.1	17992.0	17998.0
3170	18004.1	18010.2	18016.2	18022.2	18028.3	18034.3	18040.4	18046.5	18052.5	18058.5
3180	18064.6	18070.7	18076.7	18082.8	18088.8	18094.8	18100.9	18107.0	18113.0	