



SEL26/2005

Annual Report year 2

July 2008

## APPENDIX 2

Gravity survey data

# SEL262007\_200712\_gravity\_metadata

Metadata for the 2007 KUTH Gravity Survey

Tenement holder: KUTH Exploration Ltd

Tenements: SEL26/2007

Data type: Gravity Data

Location: Eastern Tasmania, see SEL262007\_200712\_3\_gravitydatastations.txt

Date: March 2007 acquired, July 2008 submitted to MRT

Parameters:

Contractor: Solo Geophysics

Grid system: AMG AGD66 Zone 55

Equipment: Scintrex CG-3

Format:

YYYYSTN##	EASTAMG66	NORTHAMG66	ELEVATION	OBSGRAVITY
200754	580015	5293123.2	25.7	980.411

THROR_GRAV	BOUGUER	TER_CORR	CLIENT
980.405	0.33	11.26	KUTH2007

YYYYSTID	EASAMG66	NORTAMG66	ELEVATION
200754.1	545952.2	5278094.5	224.82
200754	571525.4	5287619.6	1.88
200754	575171.8	5293261	5.63
200754	576091.8	5298746.5	35.74
200754	576320.8	5299726.3	41.55
200754	576234.9	5300776.9	53.18
200754	576497.3	5301706.1	66.45
200754	576748.2	5302689.1	100.02
200754	576741.9	5303699.5	89.16
200754	575738.3	5297818.9	49.5
200754	574893.8	5298512	162.3
200754	573858.2	5298788.6	258.09
200754	572984.3	5299384.8	309.38
200754	571857.9	5299583	310.84
200754	571350.3	5300331.3	378.53
200754	576198.9	5296879.9	27.61
200754	576624.3	5295924.3	24.53
200754	576441.4	5295014.5	25.55
200754	575708	5294264.2	2.35
200754	576355.4	5293491.1	13.04
200754	576139.5	5292423.5	27.65
200754	576381	5291352.2	63.61
200754	576267.9	5290268	23.75
200754	577113.4	5292688.9	34.98
200754	578118.5	5292716.9	88.89
200754	579002.7	5293216.9	86.1
200754	580015	5293123.2	25.7
200754	575347	5292999	4.85
200754	574402.2	5292867	5.64
200754	573835.6	5291995.9	3.46
200754	573579.7	5291010.8	22.99
200754	573610.4	5289991.4	45.53
200754	574687.8	5293876.2	11.93
200754	577783.8	5303568.3	107.3
200754	578487.2	5304291.3	85.82
200754	579546.1	5304674.3	19.26
200754	579985.3	5304834.1	12.25
200754	575606.5	5305938.8	84.46
200754	574470.4	5305918	54.45
200754	576589.4	5306096.2	85.36
200754	576712.7	5305084.6	77.91
200754	577068.6	5306981.6	35.25
200754	577308.9	5308021.3	30
200754	577438.5	5309101.4	32
200754	577130.3	5310131.6	11.65
200754	576518.3	5311308.8	3.3
200754	576717.8	5312004.1	3.48
200754	577479.1	5312857.3	8.66
200754	577616.5	5313440.5	44.37
200754	576931	5314252.3	59.75
200754.01	576078.2	5314573.7	67.04
200754.01	575147.2	5314791.4	94.43
200754.01	574105.3	5314800	189.67
200754.01	578505.6	5313920	35.07
200754.01	579085.2	5314885.6	29.69
200754.01	579730.7	5315792.8	23.89
200754.01	575476.5	5311274.1	59.33
200754.01	574658.9	5310776.1	72.98
200754.01	573674.1	5310844.8	91.19
200754.01	575097.8	5279100.1	13.5
200754.01	575998.4	5279587.1	16.75
200754.01	576366.5	5280511.1	21.74

200754.01	576263.6	5281508	27.23
200754.01	575632.4	5282319.3	99.07
200754.01	575718.8	5283285.2	87.05
200754.01	575053.5	5283913.2	22.42
200754.01	574689.4	5284867.2	19.89
200754.01	574014.3	5285592.6	40.14
200754.01	573092.8	5286060.3	19.45
200754.01	572446.1	5286499.4	9.15
200754.01	571576.8	5286901.7	17.67
200754.01	571525.4	5287619.6	1.88
200754.01	572107.8	5288482.3	2.66
200754.01	572700.8	5289229.1	12.32
200754.01	574907.5	5289374.8	9.72
200754.01	571601.2	5286475.6	24.19
200754.01	571808	5285513.9	103.37
200754.01	572420.8	5284654.7	187.23
200754.01	572553.2	5283670.1	206.58
200754.01	572798.4	5282700.3	229.91
200754.01	571872.9	5282267.7	383.73
200754.01	572228.4	5281985.6	410.41
200754.01	573615.9	5282127.5	141.58
200754.01	573730.7	5281142	75.09
200754.01	573894	5280151.5	49.73
200754.01	573725.2	5279145.5	26.64
200754.01	573701.5	5278123.2	19.99
200754.01	574554.2	5278688.2	8.13
200754.01	573505	5277144.9	20.87
200754.01	574481.1	5277372.2	14.13
200754.01	575376.9	5277011	5.98
200754.01	576359.6	5276898.3	8.48
200754.01	577162.5	5276296.8	5.78
200754.01	578115	5275918.2	8.02
200754.01	573139.4	5276215.9	30.22
200754.01	572481.2	5275438.4	67.04
200754.01	572271.9	5274431.1	59.14
200754.01	571636.9	5273422.9	121.25
200754.01	570117.6	5272255.3	175.38
200754.01	563505.7	5283790.9	55.67
200754.01	563604.7	5284749.1	43.51
200754.01	563616	5285758.7	58.98
200754.01	563674	5286757.9	65.82
200754.01	563560.3	5287772.5	71.32
200754.01	563401.9	5288795	84.4
200754.01	563553.4	5289777.3	90.97
200754.01	564126.7	5290597.7	101.82
200754.01	564207.7	5291574.6	117.05
200754.01	562584.5	5283286.9	58.14
200754.01	561671.5	5282850.2	67.57
200754.01	560691.8	5282377.7	60.59
200754.01	559770.9	5281909	59.65
200754.01	558858.6	5282304.8	71.9
200754.01	558150.9	5283116.6	81.11
200754.01	557718.6	5284039.1	89.69
200754.01	557479.5	5285034.2	107.19
200754.01	556882.9	5285836.5	107.72
200754.01	556296.4	5286623.4	155.94
200754.01	559758.2	5280985.2	72.68
200754.01	559389.8	5280054.4	102.85
200754.01	560852.1	5277576.3	212.76
200754.01	560164.9	5276797	294.79
200754.01	559712.3	5275964.6	319.84
200754.01	559461.5	5279047.1	95.64
200754.01	560342.6	5278443	127.31

200754.01	562230.3	5282032.6	72.94
200754.01	562741.8	5281167	52.56
200754.01	563460.2	5280512.1	56.22
200754.01	563765.8	5279550.8	63.63
200754.01	563778.2	5278581.9	92.81
200754.01	564375.1	5277795.1	77.69
200754.01	564678.1	5276841	90.29
200754.01	564294.5	5275937.3	107.69
200754.01	563991.8	5275171	120.66
200754.01	545952.2	5278094.5	224.82
200754.01	547155.8	5277501.8	249.12
200754.01	547494.4	5276561.7	341.57
200754.01	548341.8	5276173.5	513.3
200754.01	547944.8	5275520.5	423.78
200754.01	548582.3	5275391.6	389.81
200754.01	548740.8	5279157.3	221.01
200754.01	546040.9	5279130.3	225.64
200754.01	545951.7	5280116.2	237.5
200754.01	545996.7	5281167.8	280.2
200754.02	545988.1	5282195.6	303.1
200754.02	545771.3	5283181.7	299.52
200754.02	545727.7	5284262.4	323.95
200754.02	545665.1	5285271	334.57
200754.02	545629.2	5286306.4	311.56
200754.02	546546.3	5286751.6	313.86
200754.02	546548.5	5287745.7	288.32
200754.02	546446.2	5288740.8	313.82
200754.02	546571.8	5289758.4	353.07
200754.02	546393	5290736.8	402.25
200754.02	546063.6	5291700.6	436.8
200754.02	546073.8	5292718.9	496.2
200754.02	545818.3	5293773.3	544.15
200754.02	547014.9	5291772.1	461.74
200754.02	548150.4	5291385	454.53
200754.02	547332.7	5290861	406.97
200754.02	548294.6	5290417.7	394.92
200754.02	549285.9	5290319	357.64
200754.02	550244	5290614.5	325.18
200754.02	551167	5290819.7	324.3
200754.02	552175	5290838.3	286.93
200754.02	553177.3	5290886.4	290.33
200754.02	555815.8	5287521	219.05
200754.02	555314.9	5288375.2	250.82
200754.02	554585.8	5289064.1	260.73
200754.02	553946.4	5289843.3	277.55
200754.02	553386.1	5291762.8	312.05
200754.02	552879.2	5292621.9	336.89
200754.02	552466.8	5293547.6	346.2
200754.02	551771	5294275.5	336.74
200754.02	549937.1	5295034.1	473.57
200754.02	549409	5294040.7	472.81
200754.02	549054.6	5293200.1	498.7
200754.02	548295.8	5292436.4	583.88
200754.02	547471	5293012.1	635.69
200754.02	553554.9	5290818.2	295.51
200754.02	548471.4	5289701.9	351.6
200754.02	547881	5288910.8	341.17
200754.02	547619	5287908.7	306.97
200754.02	547362.2	5286997.3	280.72
200754.02	563294.4	5311515.1	246.38
200754.02	562302.7	5311541.2	220.79
200754.02	561740.6	5311734.5	217.14
200754.02	564339.4	5283586.1	42.66

200754.02	565135.5	5283958	49.27
200754.02	565773.4	5284692.1	94
200754.02	566868.9	5285434.7	36.46
200754.02	567304.7	5286337.8	38.47
200754.02	567625.8	5287250.7	28.91
200754.02	568467	5287657.5	25.62
200754.02	569539.4	5287667.2	25.54
200754.02	570466.8	5287605.4	3.69
200754.02	557695.7	5286833.2	121.95
200754.02	557695.3	5285792.2	91.35
200754.02	558044.1	5287809.2	122.08
200754.02	557906.6	5288807.2	126.76
200754.02	558079	5289839.1	106.48
200754.02	557866.9	5290823	163.48
200754.02	557790.9	5291903.9	236.29
200754.02	557834.2	5292888.2	286.64
200754.02	557406.3	5293771.5	308.23
200754.02	578489.1	5309443.9	34.38
200754.02	579355	5309890.9	5.79
200754.02	579945.8	5310713.6	21.92
200754.02	576165.7	5307266.1	39.98
200754.02	575295.6	5307695.2	26.8
200754.02	574459	5308249	56.29
200754.02	574329	5309267.4	52.42
200754.05	577130.3	5310131.6	11.65
200754.05	575097.8	5279100.1	13.5
200754.02	571357.3	5322925.6	740.17
200754.02	570221.9	5323031.9	601.83
200754.02	570141.5	5323745.6	600.88
200754.02	570403.8	5324689.7	587.66
200754.02	570858.2	5325582.4	530.13
200754.02	571564.9	5326337.8	533.59
200754.02	572444.7	5326942.5	547.92
200754.02	573013.7	5327734	586.03
200754.02	573285.4	5328958.4	635.18
200754.02	572948.4	5329946.9	621.62
200754.02	572847.4	5330925.8	644.62
200754.02	572598.3	5331939.9	641.76
200754.02	571988.2	5332831.8	581.53
200754.02	571789.2	5333410.3	570.85
200754.02	571278.5	5332370.3	594.48
200754.02	570244	5332019.8	484.41
200754.02	569637.7	5332775.1	453.18
200754.02	568717.5	5332708.2	425.66
200754.02	570520.9	5326624.4	534.48
200754.02	567642.2	5319964	411.8
200754.02	566647.8	5319562.1	389.85
200754.03	565607.7	5319636.1	383.11
200754.03	564604.2	5319656	389.68
200754.03	563568.9	5319678.2	367.02
200754.03	562572.2	5319660.9	347.78
200754.03	561614.9	5319818.2	358.28
200754.03	559416.9	5322539.7	440.45
200754.03	556903.2	5319994.6	376.64
200754.03	568637.3	5319929.8	409.71
200754.03	569637.5	5320005.8	431.73
200754.03	569888.9	5319830.8	435.1
200754.03	569888.9	5320970.1	488.43
200754.03	569661.4	5322089.9	585.19
200754.03	569814.5	5327319.3	530.55
200754.03	568939.8	5327804.9	543.22
200754.03	567958.2	5327989.5	545.66
200754.03	566884.6	5328158.7	523.21

200754.03	566012.1	5328606	592.28
200754.03	565120.6	5328244.9	601.73
200754.03	564400.7	5327495.7	559.76
200754.03	563635	5328106.2	506.38
200754.03	573800.7	5329507.7	585.23
200754.03	575100	5330219.8	502.04
200754.03	575738.5	5329462.8	481.36
200754.03	575858.2	5327501.7	478.21
200754.03	576062.1	5328532.6	491.2
200754.03	574300.7	5331530.9	523.57
200754.03	574263.3	5332350.2	543.65
200754.03	571970.9	5334268.9	566.45
200754.03	572522.1	5332438.5	653.19
200754.03	571408.7	5335127.8	516.16
200754.03	571466.9	5335777.1	483.73
200754.03	570580.7	5335669.2	493.02
200754.03	569839.2	5336481.4	487.42
200754.03	569644.3	5337591.6	483.92
200754.03	569666.1	5338653.1	498.39
200754.03	570340.9	5340590.9	643.32
200754.03	571352.1	5340214.1	560.75
200754.03	572396.1	5340386.6	537.58
200754.03	568726.1	5338387	462.77
200754.03	567899.9	5338295.9	473.26
200754.03	566238.3	5338197.5	533.72
200754.03	565266.7	5338168	616.65
200754.03	564392.3	5338422.9	634.79
200754.03	563575.9	5338156.2	602.35
200754.03	562815.3	5339497	647.88
200754.03	562313	5340580.5	670.18
200754.03	567038.4	5338737.7	586.86
200754.03	566010.4	5339020.5	587.17
200754.03	565232	5339550.1	577.75
200754.03	564732.8	5340477.8	567.65
200754.03	564307.7	5341501.2	557.5
200754.03	571224.7	5318128	405.75
200754.03	570637.3	5319049	381.97
200754.03	571643.7	5320367.1	486.43
200754.03	567891.4	5333284.6	424.93
200754.03	566890.7	5333397.4	458.77
200754.03	566410.3	5334307.2	427.08
200754.03	565378.6	5334219	392.17
200754.03	564478.5	5333833.7	429.99
200754.03	563642.2	5333416.7	453.12
200754.03	563236.9	5332507	416.51
200754.03	562218.9	5332769	412.05
200754.03	561214	5333235.8	449.14
200754.03	560407.3	5333140.5	380
200754.03	559641.6	5332643	336.63
200754.03	559146.5	5331928.4	330.14
200754.03	560038.6	5331783.4	327.01
200754.03	561129.1	5331158.4	366.9
200754.03	562080.8	5330891.4	318.45
200754.03	558208	5331854.7	284.69
200754.03	557290.6	5331446.3	342.01
200754.03	556433.8	5330815.9	354.59
200754.03	555511.9	5331136.5	311.01
200754.03	554558	5331099.3	368.77
200754.03	553900.2	5330489.8	312
200754.03	553168.7	5331357.8	315.97
200754.03	552485.1	5332013.2	362.99
200754.03	551507.8	5331857.7	341.22
200754.03	550514.2	5331603.1	303.22

200754.03	549608.4	5331779.6	276.87
200754.03	548585.5	5332024.8	247.13
200754.03	547862	5331955.7	220.28
200754.03	571415.7	5324540.9	577.74
200754.03	572320.4	5324298.9	589.53
200754.03	573224	5324117.3	616.09
200754.03	573078.4	5323128.1	606.73
200754.03	572969.5	5322168	595.31
200754.03	573643.4	5322821	551.84
200754.03	572480.2	5323531.3	583.7
200754.03	572051.2	5322875.6	579.38
200754.03	574190.3	5328814.6	467.68
200754.03	574876	5329336.4	438.49
200754.03	576738.2	5328451.6	511.14
200754.03	577282.3	5328590.3	397.34
200754.03	578202	5328194.4	385.44
200754.03	578534.3	5329247.2	374.05
200754.03	579085	5330038.9	341.62
200754.03	578991.6	5329460.1	361.48
200754.03	573508.4	5332351.7	660.47
200754.04	573738.3	5333404.7	649.51
200754.04	574455.8	5334409	527.55
200754.04	575442.5	5333272.5	493.36
200754.04	576530.2	5332597.1	455.78
200754.04	575624.7	5334615.2	537
200754.04	576897.9	5334905.4	460
200754.04	578102.5	5335778.2	349.9
200754.04	559368.1	5275061.6	326.52
200754.04	559783.9	5274098.8	283.27
200754.04	560148.8	5273094.7	297.01
200754.04	560599.6	5272169.9	309.08
200754.04	561087.7	5271184.2	353.75
200754.04	561394.8	5270171.2	296.6
200754.04	561597.9	5269168.7	290.28
200754.04	562080	5268288.9	169.32
200754.04	562840.3	5267564.4	156.31
200754.04	563797.4	5266976	130.26
200754.04	564722.2	5266467.7	117.77
200754.04	565327.7	5265724.8	139.29
200754.04	565729.4	5264691.8	101.12
200754.04	560600.9	5269299.6	318.44
200754.04	560306.3	5268335.9	361.34
200754.04	560111.5	5267376.6	272.91
200754.04	559219.2	5266854.1	189.48
200754.04	558118.1	5266307.3	148.15
200754.04	557257.5	5266350.8	120.97
200754.04	556232.1	5266158.8	150.28
200754.04	555628	5265625.6	163.25
200754.04	554617	5265789.6	123.29
200754.04	553647.1	5265617.9	65.58
200754.04	552970.8	5265006.3	81.14
200754.04	558830.8	5274450.8	307.69
200754.04	548444.1	5293886.5	820.23
200754.04	559672.2	5300176.6	308.51
200754.04	563000.9	5307083.9	376.13
200754.05	556901.1	5282299.5	87.31
200754.05	554846.9	5282138.5	157.91
200754.05	552932.4	5281899.5	285.34
200754.05	551776.6	5280378.8	318.04
200754.05	549949.9	5279591.2	220.33
200754.05	547844.2	5278824.8	229.18
200754.05	543999.3	5277409.6	252.42
200754.05	543204.8	5275518	260.87



200754.05	551319.9	5281217.7	316.72
200754.05	548359.4	5286930.3	268.27
200754.05	549355.6	5286960.1	260.59
200754.05	550241.8	5286445.3	263.49
200754.05	549866.6	5285984.4	339.66
200754.05	550618.2	5285334	340.73
200754.05	551600	5284982.4	310.26
200754.05	552622.4	5284847.5	317.42
200754.05	553531	5284256.7	287.74
200754.05	553654.4	5293302.6	266.53
200754.05	553598	5294424.4	331.38
200754.05	553251	5295249.7	348.82
200754.05	553108.9	5296288.7	331.96
200754.05	553937.6	5297072.6	304.59
200754.05	552260.6	5296850.4	339.49
200754.05	551707.3	5296187.3	349.9
200754.05	549978.2	5304173.1	304.87
200754.05	550958.4	5304523.2	285.77
200754.05	551637.7	5305287.7	290.21
200754.05	551873.7	5306313.6	264.99
200754.05	552471.6	5304753	294.46
200754.05	553204	5304097.2	313.28
200754.05	553831.9	5303371.2	326.38
200754.05	554615.8	5302721.2	319.9
200754.05	555158.8	5301867.2	329.5
200754.05	556076.8	5301418.7	323.97
200754.05	557041.3	5301198.3	317.06
200754.05	557988.8	5300783.3	341.76
200754.05	559082.3	5300933.2	388.59
200754.05	557762.9	5300101.9	308.1
200754.05	555155	5303421.4	322.83
200754.05	556088.3	5303881	318.95
200754.05	557031.8	5304042.9	287.6
200754.05	558014	5303917.6	325.78
200754.05	558893.8	5303384	330.06
200754.05	559642	5304073.7	381.62
200754.05	559869.4	5304937	324.27
200754.05	560130	5305970	366.13
200754.05	560563.3	5306533	341.35
200754	580015	5293123.2	25.7
200754	579985.3	5304834.1	12.25
200754.01	573112.8	5315060.4	241.95
200754.01	572336.7	5315756.1	311.67
200754.01	571516.7	5316282.4	333.22
200754.01	570956.7	5317080.7	441.27
200754.01	571451.7	5310981.8	310.26
200754.02	568124.4	5311221.6	119.29
200754.02	567171.4	5310901.2	138.76
200754.02	566189.3	5310881.6	161.57
200754.02	564322.3	5311347.4	230.75
200754.02	568871.4	5311757.9	83.69
200754.02	569904.9	5311565.1	293.4
200754.02	570548.4	5311150.2	330.4
200754.02	580409.3	5309369.6	49.9
200754.02	580486.2	5311562	22.89
200754.02	581219.3	5312230.8	5.83
200754.02	581608.8	5313070.5	24.53
200754.04	556430	5294305.2	301.91
200754.04	556430.5	5295301.6	289.5
200754.04	556820.6	5296271.5	318.73
200754.04	557609.3	5296703.1	353.7
200754.04	558358.4	5296894.8	428.63
200754.04	557893.5	5297677.3	439.31

200754.04	558328.8	5295854.9	362.87
200754.04	559409.4	5295245.9	366.54
200754.04	560136.9	5294685.9	360.12
200754.04	560998.8	5294189.1	334.29
200754.04	561898.8	5293807.8	304.67
200754.04	562879.1	5293770.4	192.65
200754.04	563609.5	5293115.8	168.13
200754.04	563965.8	5292419.6	131.2
200754.04	564812.7	5292217	210.64
200754.04	564952.6	5292751.8	294.03
200754.04	565537.1	5293461.3	364.7
200754.04	565821	5294434.2	392.82
200754.04	566013.8	5295487.8	390.56
200754.04	566971.8	5296108.6	370.96
200754.04	566608.3	5296694.7	302.85
200754.04	567144.8	5297331.5	320.84
200754.04	564886.9	5294252.5	450.69
200754.04	564578.5	5295204.1	486.64
200754.04	565052.4	5296095	573.03
200754.04	565276.5	5297083.6	555.99
200754.04	565746.9	5297966.8	558.86
200754.04	566145.8	5299019.8	479.76
200754.04	566601.4	5302330	403.95
200754.04	565593.8	5302359.7	426.01
200754.04	564582.8	5302421.6	443.72
200754.04	563811.4	5301748.8	432.85
200754.04	567743.7	5302232	351.2
200754.04	570592.2	5301169.8	361.25
200754.04	569706.7	5301690.3	356.82
200754.04	568566.4	5302043.2	323.38
200754.04	557198.1	5297547.9	302.44
200754.04	557587.1	5298323.7	328.38
200754.04	558300.3	5298907.6	318.56
200754.04	559166.5	5299328.2	306.42
200754.04	560435.7	5300382	332.78
200754.04	561486.4	5300529.3	372.51
200754.04	562494.8	5300913	414.32
200754.04	562950.8	5301283.8	438.03
200754.04	563272.7	5302345.9	453.09
200754.04	562752.3	5303273.9	454.79
200754.04	561767.6	5303545.1	458.23
200754.04	560979.7	5303401.8	481.54
200754.04	561721.2	5302724.4	473.84
200754.04	562598	5302180.7	395.06
200754.04	561287.6	5304258	466.47
200754.04	561975.8	5304926	390.91
200754.04	561494.9	5305738.8	405.38
200754.04	562193.1	5306357.5	325.62
200754.04	563933.5	5307399.7	368.19
200754.04	565108.5	5308647.4	252.25
200754.04	564523.9	5309696	226.64
200754.04	563331.6	5305879.6	354.42
200754.04	564240.9	5305309.3	434.6
200754.04	563956.8	5304339.6	422.21
200754.04	564654.4	5303490.1	468.71
200754.04	565705.3	5303372.6	507.98
200754.04	566829.8	5303553.5	387.98
200754.04	567680.6	5303579.5	373.58
200754.04	567934.6	5301308.1	353.71
200754.05	567592.4	5300197.5	326.63
200754.05	567446	5299323.6	334.15
200754.05	568317.4	5302671.8	358.99
200754.05	566696.5	5304624.6	386.37

YYYYSTND	EAST AMG66	NORTH AMG66	ELEVATION	OBSGRAVITY	THEOR_ GRAV	BOUGUER	TER_ CORR	CLIENT
200754.1	545952.2	5278094.5	224.82	980.383	980.417	0.19	10.05	KUTH2007
200754	571525.4	5287619.6	1.88	980.419	980.409	0.59	10.45	KUTH2007
200754	575171.8	5293261	5.63	980.414	980.405	0.19	10.16	KUTH2007
200754	576091.8	5298746.5	35.74	980.403	980.4	0.57	10.4	KUTH2007
200754	576320.8	5299726.3	41.55	980.403	980.4	0.52	11.97	KUTH2007
200754	576234.9	5300776.9	53.18	980.398	980.399	0.54	10.61	KUTH2007
200754	576497.3	5301706.1	66.45	980.396	980.398	0.55	11.24	KUTH2007
200754	576748.2	5302689.1	100.02	980.388	980.397	0.57	11	KUTH2007
200754	576741.9	5303699.5	89.16	980.39	980.396	0.41	11.65	KUTH2007
200754	575738.3	5297818.9	49.5	980.4	980.401	0.58	8.73	KUTH2007
200754	574893.8	5298512	162.3	980.378	980.401	1.31	10.77	KUTH2007
200754	573858.2	5298788.6	258.09	980.359	980.4	0.92	10.17	KUTH2007
200754	572984.3	5299384.8	309.38	980.346	980.4	1.36	8.46	KUTH2007
200754	571857.9	5299583	310.84	980.346	980.4	0.81	7.91	KUTH2007
200754	571350.3	5300331.3	378.53	980.331	980.399	0.56	6.67	KUTH2007
200754	576198.9	5296879.9	27.61	980.406	980.402	0.35	9.76	KUTH2007
200754	576624.3	5295924.3	24.53	980.407	980.403	0.53	9.51	KUTH2007
200754	576441.4	5295014.5	25.55	980.408	980.403	0.48	10.13	KUTH2007
200754	575708	5294264.2	2.35	980.413	980.404	0.29	9.61	KUTH2007
200754	576355.4	5293491.1	13.04	980.412	980.405	0.3	10.3	KUTH2007
200754	576139.5	5292423.5	27.65	980.41	980.406	0.47	10.46	KUTH2007
200754	576381	5291352.2	63.61	980.405	980.406	0.29	11.05	KUTH2007
200754	576267.9	5290268	23.75	980.415	980.407	0.48	12.54	KUTH2007
200754	577113.4	5292688.9	34.98	980.409	980.405	0.35	11.15	KUTH2007
200754	578118.5	5292716.9	88.89	980.399	980.405	0.32	11.36	KUTH2007
200754	579002.7	5293216.9	86.1	980.399	980.405	0.29	11.2	KUTH2007
200754	580015	5293123.2	25.7	980.411	980.405	0.33	11.26	KUTH2007
200754	575347	5292999	4.85	980.414	980.405	0.19	10.53	KUTH2007
200754	574402.2	5292867	5.64	980.414	980.405	0.29	10.56	KUTH2007
200754	573835.6	5291995.9	3.46	980.416	980.406	0.28	10.72	KUTH2007
200754	573579.7	5291010.8	22.99	980.413	980.407	0.21	11.52	KUTH2007
200754	573610.4	5289991.4	45.53	980.41	980.408	0.23	11.93	KUTH2007
200754	574687.8	5293876.2	11.93	980.411	980.404	0.2	9.28	KUTH2007
200754	577783.8	5303568.3	107.3	980.388	980.396	0.55	13.16	KUTH2007
200754	578487.2	5304291.3	85.82	980.394	980.396	0.39	15.45	KUTH2007
200754	579546.1	5304674.3	19.26	980.409	980.396	0.29	17.23	KUTH2007
200754	579985.3	5304834.1	12.25	980.409	980.395	0.19	16.44	KUTH2007
200754	575606.5	5305938.8	84.46	980.387	980.395	0.39	9.13	KUTH2007
200754	574470.4	5305918	54.45	980.391	980.395	0.29	7.66	KUTH2007
200754	576589.4	5306096.2	85.36	980.392	980.394	0.34	15.11	KUTH2007
200754	576712.7	5305084.6	77.91	980.391	980.395	0.37	11.53	KUTH2007
200754	577068.6	5306981.6	35.25	980.398	980.394	0.29	11.92	KUTH2007
200754	577308.9	5308021.3	30	980.401	980.393	0.2	14.32	KUTH2007
200754	577438.5	5309101.4	32	980.4	980.392	0.2	14.96	KUTH2007
200754	577130.3	5310131.6	11.65	980.403	980.391	0.22	14.36	KUTH2007
200754	576518.3	5311308.8	3.3	980.4	980.39	0.33	10.74	KUTH2007
200754	576717.8	5312004.1	3.48	980.398	980.39	0.38	9.4	KUTH2007
200754	577479.1	5312857.3	8.66	980.395	980.389	0.37	8.13	KUTH2007
200754	577616.5	5313440.5	44.37	980.389	980.389	0.44	9.52	KUTH2007
200754	576931	5314252.3	59.75	980.384	980.388	0.53	8.37	KUTH2007
200754.01	576078.2	5314573.7	67.04	980.382	980.388	0.72	7.81	KUTH2007
200754.01	575147.2	5314791.4	94.43	980.375	980.387	0.73	6.52	KUTH2007
200754.01	574105.3	5314800	189.67	980.355	980.387	0.97	6	KUTH2007

200754.01	578505.6	5313920	35.07	980.391	980.388	0.29	9.72	KUTH2007
200754.01	579085.2	5314885.6	29.69	980.389	980.387	0.32	7.6	KUTH2007
200754.01	579730.7	5315792.8	23.89	980.391	980.387	0.35	9.41	KUTH2007
200754.01	575476.5	5311274.1	59.33	980.39	980.39	0.39	11.58	KUTH2007
200754.01	574658.9	5310776.1	72.98	980.387	980.391	0.49	10.69	KUTH2007
200754.01	573674.1	5310844.8	91.19	980.38	980.391	0.91	8.3	KUTH2007
200754.01	575097.8	5279100.1	13.5	980.43	980.416	0.31	16.67	KUTH2007
200754.01	575998.4	5279587.1	16.75	980.429	980.416	0.45	16.51	KUTH2007
200754.01	576366.5	5280511.1	21.74	980.426	980.415	0.47	15.87	KUTH2007
200754.01	576263.6	5281508	27.23	980.425	980.414	0.52	16.53	KUTH2007
200754.01	575632.4	5282319.3	99.07	980.41	980.414	0.56	16.62	KUTH2007
200754.01	575718.8	5283285.2	87.05	980.412	980.413	0.52	16.31	KUTH2007
200754.01	575053.5	5283913.2	22.42	980.423	980.412	0.71	15.77	KUTH2007
200754.01	574689.4	5284867.2	19.89	980.422	980.412	0.4	14.64	KUTH2007
200754.01	574014.3	5285592.6	40.14	980.415	980.411	0.48	12.71	KUTH2007
200754.01	573092.8	5286060.3	19.45	980.419	980.411	0.36	12.49	KUTH2007
200754.01	572446.1	5286499.4	9.15	980.422	980.41	0.56	13.97	KUTH2007
200754.01	571576.8	5286901.7	17.67	980.417	980.41	0.84	11.66	KUTH2007
200754.01	571525.4	5287619.6	1.88	980.419	980.409	0.65	10.49	KUTH2007
200754.01	572107.8	5288482.3	2.66	980.417	980.409	0.44	9.7	KUTH2007
200754.01	572700.8	5289229.1	12.32	980.417	980.408	0.35	11.91	KUTH2007
200754.01	574907.5	5289374.8	9.72	980.418	980.408	0.31	12.42	KUTH2007
200754.01	571601.2	5286475.6	24.19	980.417	980.41	0.65	11.96	KUTH2007
200754.01	571808	5285513.9	103.37	980.404	980.411	0.67	13.47	KUTH2007
200754.01	572420.8	5284654.7	187.23	980.388	980.412	0.48	13.87	KUTH2007
200754.01	572553.2	5283670.1	206.58	980.386	980.413	0.47	14.53	KUTH2007
200754.01	572798.4	5282700.3	229.91	980.382	980.413	1.4	14.92	KUTH2007
200754.01	571872.9	5282267.7	383.73	980.351	980.414	2.37	14.84	KUTH2007
200754.01	572228.4	5281985.6	410.41	980.344	980.414	2.15	12.98	KUTH2007
200754.01	573615.9	5282127.5	141.58	980.4	980.414	1.17	15.12	KUTH2007
200754.01	573730.7	5281142	75.09	980.414	980.415	1.48	15.58	KUTH2007
200754.01	573894	5280151.5	49.73	980.42	980.415	1.03	15.55	KUTH2007
200754.01	573725.2	5279145.5	26.64	980.426	980.416	0.52	15.76	KUTH2007
200754.01	573701.5	5278123.2	19.99	980.429	980.417	0.31	15.98	KUTH2007
200754.01	574554.2	5278688.2	8.13	980.43	980.417	0.3	15.26	KUTH2007
200754.01	573505	5277144.9	20.87	980.43	980.418	0.48	16.29	KUTH2007
200754.01	574481.1	5277372.2	14.13	980.431	980.418	0.36	16.69	KUTH2007
200754.01	575376.9	5277011	5.98	980.434	980.418	0.35	17.03	KUTH2007
200754.01	576359.6	5276898.3	8.48	980.433	980.418	0.27	16.93	KUTH2007
200754.01	577162.5	5276296.8	5.78	980.435	980.419	0.25	17.94	KUTH2007
200754.01	578115	5275918.2	8.02	980.436	980.419	0.29	18.49	KUTH2007
200754.01	573139.4	5276215.9	30.22	980.429	980.419	0.76	17.01	KUTH2007
200754.01	572481.2	5275438.4	67.04	980.423	980.419	0.88	17.96	KUTH2007
200754.01	572271.9	5274431.1	59.14	980.425	980.42	1.28	18.26	KUTH2007
200754.01	571636.9	5273422.9	121.25	980.411	980.421	1.01	14.74	KUTH2007
200754.01	570117.6	5272255.3	175.38	980.4	980.422	1.89	14.8	KUTH2007
200754.01	563505.7	5283790.9	55.67	980.409	980.413	0.25	7.86	KUTH2007
200754.01	563604.7	5284749.1	43.51	980.41	980.412	0.21	7.04	KUTH2007
200754.01	563616	5285758.7	58.98	980.406	980.411	0.37	6.47	KUTH2007
200754.01	563674	5286757.9	65.82	980.403	980.41	0.29	6.31	KUTH2007
200754.01	563560.3	5287772.5	71.32	980.4	980.409	0.35	5.44	KUTH2007
200754.01	563401.9	5288795	84.4	980.396	980.409	0.36	4.8	KUTH2007
200754.01	563553.4	5289777.3	90.97	980.394	980.408	0.44	4.47	KUTH2007
200754.01	564126.7	5290597.7	101.82	980.391	980.407	0.53	4.37	KUTH2007
200754.01	564207.7	5291574.6	117.05	980.388	980.406	0.91	5.89	KUTH2007

200754.01	562584.5	5283286.9	58.14	980.409	980.413	0.17	7.81	KUTH2007
200754.01	561671.5	5282850.2	67.57	980.408	980.413	0.18	8.08	KUTH2007
200754.01	560691.8	5282377.7	60.59	980.413	980.414	0.19	10.94	KUTH2007
200754.01	559770.9	5281909	59.65	980.413	980.414	0.2	10.93	KUTH2007
200754.01	558858.6	5282304.8	71.9	980.41	980.414	0.21	10.43	KUTH2007
200754.01	558150.9	5283116.6	81.11	980.406	980.413	0.22	8.87	KUTH2007
200754.01	557718.6	5284039.1	89.69	980.4	980.412	0.21	5.87	KUTH2007
200754.01	557479.5	5285034.2	107.19	980.396	980.412	0.24	5.66	KUTH2007
200754.01	556882.9	5285836.5	107.72	980.394	980.411	0.35	4.61	KUTH2007
200754.01	556296.4	5286623.4	155.94	980.385	980.41	0.51	5.48	KUTH2007
200754.01	559758.2	5280985.2	72.68	980.412	980.415	0.19	11.51	KUTH2007
200754.01	559389.8	5280054.4	102.85	980.407	980.416	0.48	11.7	KUTH2007
200754.01	560852.1	5277576.3	212.76	980.39	980.418	0.77	14.61	KUTH2007
200754.01	560164.9	5276797	294.79	980.375	980.418	0.37	15.09	KUTH2007
200754.01	559712.3	5275964.6	319.84	980.37	980.419	0.21	14	KUTH2007
200754.01	559461.5	5279047.1	95.64	980.409	980.416	0.81	12.51	KUTH2007
200754.01	560342.6	5278443	127.31	980.404	980.417	1.17	13.44	KUTH2007
200754.01	562230.3	5282032.6	72.94	980.409	980.414	0.21	9.18	KUTH2007
200754.01	562741.8	5281167	52.56	980.415	980.415	0.29	10.45	KUTH2007
200754.01	563460.2	5280512.1	56.22	980.415	980.415	0.37	11.04	KUTH2007
200754.01	563765.8	5279550.8	63.63	980.415	980.416	0.55	12.46	KUTH2007
200754.01	563778.2	5278581.9	92.81	980.412	980.417	0.72	14.23	KUTH2007
200754.01	564375.1	5277795.1	77.69	980.415	980.417	0.95	13.48	KUTH2007
200754.01	564678.1	5276841	90.29	980.413	980.418	0.85	13.64	KUTH2007
200754.01	564294.5	5275937.3	107.69	980.411	980.419	1.36	14.76	KUTH2007
200754.01	563991.8	5275171	120.66	980.409	980.42	1.08	14.05	KUTH2007
200754.01	545952.2	5278094.5	224.82	980.383	980.417	0.19	10.05	KUTH2007
200754.01	547155.8	5277501.8	249.12	980.379	980.418	0.4	10.57	KUTH2007
200754.01	547494.4	5276561.7	341.57	980.362	980.419	1.15	11.76	KUTH2007
200754.01	548341.8	5276173.5	513.3	980.328	980.419	1.75	11.62	KUTH2007
200754.01	547944.8	5275520.5	423.78	980.35	980.419	0.64	14.3	KUTH2007
200754.01	548582.3	5275391.6	389.81	980.358	980.42	0.52	15.52	KUTH2007
200754.01	548740.8	5279157.3	221.01	980.383	980.416	0.23	10.27	KUTH2007
200754.01	546040.9	5279130.3	225.64	980.382	980.417	0.17	9.99	KUTH2007
200754.01	545951.7	5280116.2	237.5	980.378	980.416	0.24	9.61	KUTH2007
200754.01	545996.7	5281167.8	280.2	980.369	980.415	0.33	9.13	KUTH2007
200754.02	545988.1	5282195.6	303.1	980.362	980.414	0.39	8.16	KUTH2007
200754.02	545771.3	5283181.7	299.52	980.36	980.413	0.4	6.44	KUTH2007
200754.02	545727.7	5284262.4	323.95	980.354	980.412	0.31	5.45	KUTH2007
200754.02	545665.1	5285271	334.57	980.35	980.412	0.39	4.24	KUTH2007
200754.02	545629.2	5286306.4	311.56	980.353	980.411	0.47	4.11	KUTH2007
200754.02	546546.3	5286751.6	313.86	980.354	980.41	0.32	5.55	KUTH2007
200754.02	546548.5	5287745.7	288.32	980.358	980.41	0.31	5.07	KUTH2007
200754.02	546446.2	5288740.8	313.82	980.35	980.409	0.45	3.53	KUTH2007
200754.02	546571.8	5289758.4	353.07	980.34	980.408	0.33	1.77	KUTH2007
200754.02	546393	5290736.8	402.25	980.329	980.407	0.32	0.93	KUTH2007
200754.02	546063.6	5291700.6	436.8	980.321	980.406	0.33	0.55	KUTH2007
200754.02	546073.8	5292718.9	496.2	980.305	980.406	0.49	-2.5	KUTH2007
200754.02	545818.3	5293773.3	544.15	980.296	980.405	0.52	-1.54	KUTH2007
200754.02	547014.9	5291772.1	461.74	980.313	980.406	0.44	-1.52	KUTH2007
200754.02	548150.4	5291385	454.53	980.317	980.407	0.43	0.24	KUTH2007
200754.02	547332.7	5290861	406.97	980.328	980.407	0.51	1.48	KUTH2007
200754.02	548294.6	5290417.7	394.92	980.332	980.407	0.32	2.19	KUTH2007
200754.02	549285.9	5290319	357.64	980.34	980.407	0.35	3.53	KUTH2007
200754.02	550244	5290614.5	325.18	980.347	980.407	0.37	4.44	KUTH2007

200754.02	551167	5290819.7	324.3	980.346	980.407	0.32	3.39	KUTH2007
200754.02	552175	5290838.3	286.93	980.353	980.407	0.32	2.62	KUTH2007
200754.02	553177.3	5290886.4	290.33	980.352	980.407	0.29	2.82	KUTH2007
200754.02	555815.8	5287521	219.05	980.371	980.41	0.44	4.61	KUTH2007
200754.02	555314.9	5288375.2	250.82	980.363	980.409	0.35	4.18	KUTH2007
200754.02	554585.8	5289064.1	260.73	980.362	980.408	0.31	5.14	KUTH2007
200754.02	553946.4	5289843.3	277.55	980.358	980.408	0.29	4.66	KUTH2007
200754.02	553386.1	5291762.8	312.05	980.346	980.406	0.27	1.4	KUTH2007
200754.02	552879.2	5292621.9	336.89	980.34	980.406	0.25	0.73	KUTH2007
200754.02	552466.8	5293547.6	346.2	980.336	980.405	0.29	-0.4	KUTH2007
200754.02	551771	5294275.5	336.74	980.337	980.404	0.36	-0.64	KUTH2007
200754.02	549937.1	5295034.1	473.57	980.31	980.404	0.52	-0.22	KUTH2007
200754.02	549409	5294040.7	472.81	980.309	980.404	1.04	-1.12	KUTH2007
200754.02	549054.6	5293200.1	498.7	980.305	980.405	1.84	-0.56	KUTH2007
200754.02	548295.8	5292436.4	583.88	980.288	980.406	1.43	-1.9	KUTH2007
200754.02	547471	5293012.1	635.69	980.275	980.405	1.95	-3.34	KUTH2007
200754.02	553554.9	5290818.2	295.51	980.353	980.407	0.28	4.08	KUTH2007
200754.02	548471.4	5289701.9	351.6	980.342	980.408	0.43	3.67	KUTH2007
200754.02	547881	5288910.8	341.17	980.345	980.409	0.68	4.04	KUTH2007
200754.02	547619	5287908.7	306.97	980.354	980.409	0.73	5.22	KUTH2007
200754.02	547362.2	5286997.3	280.72	980.361	980.41	0.35	6.07	KUTH2007
200754.02	563294.4	5311515.1	246.38	980.341	980.39	0.18	-0.35	KUTH2007
200754.02	562302.7	5311541.2	220.79	980.346	980.39	0.2	-0.93	KUTH2007
200754.02	561740.6	5311734.5	217.14	980.345	980.39	0.36	-1.64	KUTH2007
200754.02	564339.4	5283586.1	42.66	980.412	980.413	0.25	7.84	KUTH2007
200754.02	565135.5	5283958	49.27	980.415	980.412	0.44	12.91	KUTH2007
200754.02	565773.4	5284692.1	94	980.407	980.412	0.51	14.03	KUTH2007
200754.02	566868.9	5285434.7	36.46	980.416	980.411	0.33	11.92	KUTH2007
200754.02	567304.7	5286337.8	38.47	980.412	980.411	0.99	10.01	KUTH2007
200754.02	567625.8	5287250.7	28.91	980.41	980.41	1.57	7.78	KUTH2007
200754.02	568467	5287657.5	25.62	980.411	980.409	1.69	8.45	KUTH2007
200754.02	569539.4	5287667.2	25.54	980.413	980.409	1.4	10.28	KUTH2007
200754.02	570466.8	5287605.4	3.69	980.417	980.409	1.32	9.42	KUTH2007
200754.02	557695.7	5286833.2	121.95	980.39	980.41	0.68	4.11	KUTH2007
200754.02	557695.3	5285792.2	91.35	980.399	980.411	0.32	5.9	KUTH2007
200754.02	558044.1	5287809.2	122.08	980.388	980.409	0.63	3.52	KUTH2007
200754.02	557906.6	5288807.2	126.76	980.386	980.409	0.43	3.04	KUTH2007
200754.02	558079	5289839.1	106.48	980.389	980.408	0.44	2.36	KUTH2007
200754.02	557866.9	5290823	163.48	980.376	980.407	0.35	2.04	KUTH2007
200754.02	557790.9	5291903.9	236.29	980.361	980.406	0.48	2.21	KUTH2007
200754.02	557834.2	5292888.2	286.64	980.35	980.405	0.59	1.28	KUTH2007
200754.02	557406.3	5293771.5	308.23	980.344	980.405	0.75	0.3	KUTH2007
200754.02	578489.1	5309443.9	34.38	980.401	980.392	0.19	16	KUTH2007
200754.02	579355	5309890.9	5.79	980.406	980.391	0.13	15.68	KUTH2007
200754.02	579945.8	5310713.6	21.92	980.402	980.391	0.16	15.55	KUTH2007
200754.02	576165.7	5307266.1	39.98	980.398	980.394	0.29	12.85	KUTH2007
200754.02	575295.6	5307695.2	26.8	980.399	980.393	0.32	11.54	KUTH2007
200754.02	574459	5308249	56.29	980.392	980.393	0.44	10.98	KUTH2007
200754.02	574329	5309267.4	52.42	980.392	980.392	0.61	11.04	KUTH2007
200754.05	577130.3	5310131.6	11.65	980.403	980.391	0.22	14.36	KUTH2007
200754.05	575097.8	5279100.1	13.5	980.43	980.416	0.31	16.67	KUTH2007
200754.02	571357.3	5322925.6	740.17	980.232	980.381	2.47	-0.9	KUTH2007
200754.02	570221.9	5323031.9	601.83	980.261	980.381	0.58	-1.31	KUTH2007
200754.02	570141.5	5323745.6	600.88	980.261	980.38	0.51	-1	KUTH2007
200754.02	570403.8	5324689.7	587.66	980.261	980.379	0.61	-2.73	KUTH2007

200754.02	570858.2	5325582.4	530.13	980.271	980.379	0.33	-2.64	KUTH2007
200754.02	571564.9	5326337.8	533.59	980.268	980.378	0.4	-4.91	KUTH2007
200754.02	572444.7	5326942.5	547.92	980.265	980.378	0.73	-4.01	KUTH2007
200754.02	573013.7	5327734	586.03	980.258	980.377	0.85	-2.73	KUTH2007
200754.02	573285.4	5328958.4	635.18	980.247	980.376	1.12	-3.26	KUTH2007
200754.02	572948.4	5329946.9	621.62	980.251	980.375	0.73	-1.18	KUTH2007
200754.02	572847.4	5330925.8	644.62	980.245	980.374	0.77	-1.39	KUTH2007
200754.02	572598.3	5331939.9	641.76	980.245	980.374	0.48	-1.76	KUTH2007
200754.02	571988.2	5332831.8	581.53	980.256	980.373	0.47	-1.7	KUTH2007
200754.02	571789.2	5333410.3	570.85	980.258	980.372	0.53	-1.72	KUTH2007
200754.02	571278.5	5332370.3	594.48	980.253	980.373	0.76	-2.11	KUTH2007
200754.02	570244	5332019.8	484.41	980.275	980.374	0.36	-2.58	KUTH2007
200754.02	569637.7	5332775.1	453.18	980.282	980.373	0.48	-1.73	KUTH2007
200754.02	568717.5	5332708.2	425.66	980.289	980.373	0.35	0.43	KUTH2007
200754.02	570520.9	5326624.4	534.48	980.269	980.378	0.45	-3.55	KUTH2007
200754.02	567642.2	5319964	411.8	980.301	980.383	0.49	-0.81	KUTH2007
200754.02	566647.8	5319562.1	389.85	980.307	980.384	0.48	0.45	KUTH2007
200754.03	565607.7	5319636.1	383.11	980.308	980.384	0.85	0.37	KUTH2007
200754.03	564604.2	5319656	389.68	980.306	980.384	0.92	-0.01	KUTH2007
200754.03	563568.9	5319678.2	367.02	980.308	980.384	0.84	-2.27	KUTH2007
200754.03	562572.2	5319660.9	347.78	980.311	980.384	0.52	-3.95	KUTH2007
200754.03	561614.9	5319818.2	358.28	980.31	980.383	0.43	-2.11	KUTH2007
200754.03	559416.9	5322539.7	440.45	980.293	980.381	0.37	-1.41	KUTH2007
200754.03	556903.2	5319994.6	376.64	980.306	980.383	0.23	-2.86	KUTH2007
200754.03	568637.3	5319929.8	409.71	980.303	980.383	0.55	0.38	KUTH2007
200754.03	569637.5	5320005.8	431.73	980.298	980.383	1.04	0.54	KUTH2007
200754.03	569888.9	5319830.8	435.1	980.297	980.383	0.94	0.36	KUTH2007
200754.03	569888.9	5320970.1	488.43	980.285	980.382	1.33	-0.42	KUTH2007
200754.03	569661.4	5322089.9	585.19	980.266	980.382	0.56	0.05	KUTH2007
200754.03	569814.5	5327319.3	530.55	980.27	980.377	0.29	-2.78	KUTH2007
200754.03	568939.8	5327804.9	543.22	980.267	980.377	0.27	-2.96	KUTH2007
200754.03	567958.2	5327989.5	545.66	980.269	980.377	0.37	-0.38	KUTH2007
200754.03	566884.6	5328158.7	523.21	980.273	980.377	0.35	-0.69	KUTH2007
200754.03	566012.1	5328606	592.28	980.258	980.376	0.37	-1.63	KUTH2007
200754.03	565120.6	5328244.9	601.73	980.257	980.377	0.39	-0.52	KUTH2007
200754.03	564400.7	5327495.7	559.76	980.264	980.377	0.44	-2.73	KUTH2007
200754.03	563635	5328106.2	506.38	980.273	980.377	0.73	-3.04	KUTH2007
200754.03	573800.7	5329507.7	585.23	980.258	980.376	0.89	-1.61	KUTH2007
200754.03	575100	5330219.8	502.04	980.275	980.375	0.72	-0.1	KUTH2007
200754.03	575738.5	5329462.8	481.36	980.28	980.376	0.4	-0.03	KUTH2007
200754.03	575858.2	5327501.7	478.21	980.282	980.377	0.67	-0.4	KUTH2007
200754.03	576062.1	5328532.6	491.2	980.279	980.376	0.48	-0.13	KUTH2007
200754.03	574300.7	5331530.9	523.57	980.268	980.374	0.83	-1.82	KUTH2007
200754.03	574263.3	5332350.2	543.65	980.263	980.373	0.96	-1.93	KUTH2007
200754.03	571970.9	5334268.9	566.45	980.258	980.372	0.35	-1.95	KUTH2007
200754.03	572522.1	5332438.5	653.19	980.243	980.373	0.39	-1.37	KUTH2007
200754.03	571408.7	5335127.8	516.16	980.27	980.371	0.45	1.3	KUTH2007
200754.03	571466.9	5335777.1	483.73	980.277	980.37	0.51	1.89	KUTH2007
200754.03	570580.7	5335669.2	493.02	980.275	980.371	0.48	2.04	KUTH2007
200754.03	569839.2	5336481.4	487.42	980.275	980.37	1	1.63	KUTH2007
200754.03	569644.3	5337591.6	483.92	980.272	980.369	1.41	-0.15	KUTH2007
200754.03	569666.1	5338653.1	498.39	980.269	980.368	0.88	-0.05	KUTH2007
200754.03	570340.9	5340590.9	643.32	980.242	980.367	0.31	1.97	KUTH2007
200754.03	571352.1	5340214.1	560.75	980.259	980.367	0.27	2.86	KUTH2007
200754.03	572396.1	5340386.6	537.58	980.264	980.367	0.24	3.36	KUTH2007

200754.03	568726.1	5338387	462.77	980.277	980.368	0.4	-0.31	KUTH2007
200754.03	567899.9	5338295.9	473.26	980.273	980.368	0.63	-1.89	KUTH2007
200754.03	566238.3	5338197.5	533.72	980.259	980.369	0.49	-3.68	KUTH2007
200754.03	565266.7	5338168	616.65	980.243	980.369	0.31	-3.51	KUTH2007
200754.03	564392.3	5338422.9	634.79	980.238	980.368	0.39	-4.86	KUTH2007
200754.03	563575.9	5338156.2	602.35	980.244	980.369	0.48	-6.15	KUTH2007
200754.03	562815.3	5339497	647.88	980.233	980.368	1.11	-5.85	KUTH2007
200754.03	562313	5340580.5	670.18	980.226	980.367	0.47	-7.87	KUTH2007
200754.03	567038.4	5338737.7	586.86	980.249	980.368	0.53	-2.75	KUTH2007
200754.03	566010.4	5339020.5	587.17	980.252	980.368	0.29	-0.58	KUTH2007
200754.03	565232	5339550.1	577.75	980.249	980.367	0.52	-4.7	KUTH2007
200754.03	564732.8	5340477.8	567.65	980.249	980.367	0.57	-5.34	KUTH2007
200754.03	564307.7	5341501.2	557.5	980.249	980.366	0.57	-7.04	KUTH2007
200754.03	571224.7	5318128	405.75	980.307	980.385	1.15	3.29	KUTH2007
200754.03	570637.3	5319049	381.97	980.31	980.384	0.87	1.51	KUTH2007
200754.03	571643.7	5320367.1	486.43	980.285	980.383	1.63	-0.28	KUTH2007
200754.03	567891.4	5333284.6	424.93	980.289	980.373	0.24	0.76	KUTH2007
200754.03	566890.7	5333397.4	458.77	980.283	980.372	0.25	1.29	KUTH2007
200754.03	566410.3	5334307.2	427.08	980.288	980.372	0.32	0.19	KUTH2007
200754.03	565378.6	5334219	392.17	980.294	980.372	0.29	-0.45	KUTH2007
200754.03	564478.5	5333833.7	429.99	980.287	980.372	0.33	-0.18	KUTH2007
200754.03	563642.2	5333416.7	453.12	980.283	980.372	0.28	0.41	KUTH2007
200754.03	563236.9	5332507	416.51	980.292	980.373	0.37	1.07	KUTH2007
200754.03	562218.9	5332769	412.05	980.292	980.373	0.53	0.35	KUTH2007
200754.03	561214	5333235.8	449.14	980.284	980.373	0.49	0.25	KUTH2007
200754.03	560407.3	5333140.5	380	980.297	980.373	0.44	-0.45	KUTH2007
200754.03	559641.6	5332643	336.63	980.306	980.373	0.21	-1.04	KUTH2007
200754.03	559146.5	5331928.4	330.14	980.308	980.374	0.19	-0.53	KUTH2007
200754.03	560038.6	5331783.4	327.01	980.309	980.374	0.29	-0.36	KUTH2007
200754.03	561129.1	5331158.4	366.9	980.302	980.374	0.33	0.52	KUTH2007
200754.03	562080.8	5330891.4	318.45	980.311	980.375	0.41	-0.69	KUTH2007
200754.03	558208	5331854.7	284.69	980.315	980.374	0.25	-2.56	KUTH2007
200754.03	557290.6	5331446.3	342.01	980.307	980.374	0.17	-0.01	KUTH2007
200754.03	556433.8	5330815.9	354.59	980.305	980.375	0.37	0.54	KUTH2007
200754.03	555511.9	5331136.5	311.01	980.312	980.374	0.33	-1.03	KUTH2007
200754.03	554558	5331099.3	368.77	980.3	980.374	0.39	-1.34	KUTH2007
200754.03	553900.2	5330489.8	312	980.312	980.375	0.49	-0.88	KUTH2007
200754.03	553168.7	5331357.8	315.97	980.307	980.374	0.8	-4	KUTH2007
200754.03	552485.1	5332013.2	362.99	980.294	980.374	0.64	-7.66	KUTH2007
200754.03	551507.8	5331857.7	341.22	980.299	980.374	0.65	-7.07	KUTH2007
200754.03	550514.2	5331603.1	303.22	980.307	980.374	0.44	-6.66	KUTH2007
200754.03	549608.4	5331779.6	276.87	980.312	980.374	0.52	-6.88	KUTH2007
200754.03	548585.5	5332024.8	247.13	980.316	980.374	0.5	-8.11	KUTH2007
200754.03	547862	5331955.7	220.28	980.32	980.374	0.37	-9.85	KUTH2007
200754.03	571415.7	5324540.9	577.74	980.264	980.38	0.57	-0.97	KUTH2007
200754.03	572320.4	5324298.9	589.53	980.263	980.38	0.64	0.02	KUTH2007
200754.03	573224	5324117.3	616.09	980.259	980.38	1.08	1.21	KUTH2007
200754.03	573078.4	5323128.1	606.73	980.262	980.381	1.05	2.17	KUTH2007
200754.03	572969.5	5322168	595.31	980.265	980.381	1.91	2.64	KUTH2007
200754.03	573643.4	5322821	551.84	980.274	980.381	1.99	3.38	KUTH2007
200754.03	572480.2	5323531.3	583.7	980.266	980.38	0.82	1.13	KUTH2007
200754.03	572051.2	5322875.6	579.38	980.267	980.381	1.04	0.95	KUTH2007
200754.03	574190.3	5328814.6	467.68	980.281	980.376	0.77	-1.87	KUTH2007
200754.03	574876	5329336.4	438.49	980.288	980.376	0.57	-0.74	KUTH2007
200754.03	576738.2	5328451.6	511.14	980.275	980.376	1.03	-0.13	KUTH2007



200754.03	577282.3	5328590.3	397.34	980.298	980.376	0.67	0.14	KUTH2007
200754.03	578202	5328194.4	385.44	980.302	980.377	0.6	1.54	KUTH2007
200754.03	578534.3	5329247.2	374.05	980.303	980.376	0.64	1.32	KUTH2007
200754.03	579085	5330038.9	341.62	980.307	980.375	0.84	0.33	KUTH2007
200754.03	578991.6	5329460.1	361.48	980.304	980.376	1.12	1.07	KUTH2007
200754.03	573508.4	5332351.7	660.47	980.241	980.373	0.67	-1.31	KUTH2007
200754.04	573738.3	5333404.7	649.51	980.242	980.372	0.91	-1.69	KUTH2007
200754.04	574455.8	5334409	527.55	980.267	980.372	0.67	-0.54	KUTH2007
200754.04	575442.5	5333272.5	493.36	980.275	980.372	0.6	0.01	KUTH2007
200754.04	576530.2	5332597.1	455.78	980.283	980.373	0.84	-0.01	KUTH2007
200754.04	575624.7	5334615.2	537	980.264	980.371	0.69	-0.85	KUTH2007
200754.04	576897.9	5334905.4	460	980.279	980.371	0.97	-0.71	KUTH2007
200754.04	578102.5	5335778.2	349.9	980.301	980.37	1.12	0.15	KUTH2007
200754.04	559368.1	5275061.6	326.52	980.369	980.42	0.23	13.27	KUTH2007
200754.04	559783.9	5274098.8	283.27	980.379	980.42	0.19	14.56	KUTH2007
200754.04	560148.8	5273094.7	297.01	980.38	980.421	0.21	16.84	KUTH2007
200754.04	560599.6	5272169.9	309.08	980.379	980.422	0.23	18.1	KUTH2007
200754.04	561087.7	5271184.2	353.75	980.371	980.423	0.19	17.65	KUTH2007
200754.04	561394.8	5270171.2	296.6	980.384	980.424	0.27	19.31	KUTH2007
200754.04	561597.9	5269168.7	290.28	980.385	980.424	0.45	17.79	KUTH2007
200754.04	562080	5268288.9	169.32	980.41	980.425	0.59	18.89	KUTH2007
200754.04	562840.3	5267564.4	156.31	980.415	980.426	0.44	19.98	KUTH2007
200754.04	563797.4	5266976	130.26	980.419	980.426	0.57	19.43	KUTH2007
200754.04	564722.2	5266467.7	117.77	980.422	980.427	1.29	19.89	KUTH2007
200754.04	565327.7	5265724.8	139.29	980.419	980.427	1.22	20.29	KUTH2007
200754.04	565729.4	5264691.8	101.12	980.427	980.428	0.93	19.7	KUTH2007
200754.04	560600.9	5269299.6	318.44	980.381	980.424	0.32	19.3	KUTH2007
200754.04	560306.3	5268335.9	361.34	980.373	980.425	0.44	19.71	KUTH2007
200754.04	560111.5	5267376.6	272.91	980.391	980.426	0.56	19.65	KUTH2007
200754.04	559219.2	5266854.1	189.48	980.407	980.426	0.43	18.53	KUTH2007
200754.04	558118.1	5266307.3	148.15	980.416	980.427	0.38	18.39	KUTH2007
200754.04	557257.5	5266350.8	120.97	980.421	980.427	0.68	19.03	KUTH2007
200754.04	556232.1	5266158.8	150.28	980.415	980.427	0.97	18.18	KUTH2007
200754.04	555628	5265625.6	163.25	980.414	980.427	0.99	19.74	KUTH2007
200754.04	554617	5265789.6	123.29	980.422	980.427	0.83	19.99	KUTH2007
200754.04	553647.1	5265617.9	65.58	980.434	980.427	0.65	19.86	KUTH2007
200754.04	552970.8	5265006.3	81.14	980.436	980.428	0.38	24.04	KUTH2007
200754.04	558830.8	5274450.8	307.69	980.374	980.42	0.27	14.34	KUTH2007
200754.04	548444.1	5293886.5	820.23	980.23	980.405	10.66	-2.12	KUTH2007
200754.04	559672.2	5300176.6	308.51	980.337	980.399	0.32	-0.89	KUTH2007
200754.04	563000.9	5307083.9	376.13	980.321	980.394	0.25	1.21	KUTH2007
200754.05	556901.1	5282299.5	87.31	980.406	980.414	0.32	9.34	KUTH2007
200754.05	554846.9	5282138.5	157.91	980.39	980.414	0.47	7.54	KUTH2007
200754.05	552932.4	5281899.5	285.34	980.366	980.414	0.43	8.14	KUTH2007
200754.05	551776.6	5280378.8	318.04	980.36	980.415	0.32	7.87	KUTH2007
200754.05	549949.9	5279591.2	220.33	980.38	980.416	0.52	7.91	KUTH2007
200754.05	547844.2	5278824.8	229.18	980.382	980.417	0.27	11.08	KUTH2007
200754.05	543999.3	5277409.6	252.42	980.376	980.418	0.53	8.64	KUTH2007
200754.05	543204.8	5275518	260.87	980.378	980.419	1.16	10.87	KUTH2007
200754.05	551319.9	5281217.7	316.72	980.36	980.415	0.29	7.89	KUTH2007
200754.05	548359.4	5286930.3	268.27	980.364	980.41	0.31	6.58	KUTH2007
200754.05	549355.6	5286960.1	260.59	980.366	980.41	0.4	7.32	KUTH2007
200754.05	550241.8	5286445.3	263.49	980.365	980.411	0.29	6.76	KUTH2007
200754.05	549866.6	5285984.4	339.66	980.352	980.411	0.23	7.67	KUTH2007
200754.05	550618.2	5285334	340.73	980.352	980.411	0.31	7.86	KUTH2007

200754.05	551600	5284982.4	310.26	980.358	980.412	0.27	7.59	KUTH2007
200754.05	552622.4	5284847.5	317.42	980.356	980.412	0.37	7.1	KUTH2007
200754.05	553531	5284256.7	287.74	980.363	980.412	0.41	7.23	KUTH2007
200754.05	553654.4	5293302.6	266.53	980.352	980.405	0.32	-0.24	KUTH2007
200754.05	553598	5294424.4	331.38	980.339	980.404	0.31	0.02	KUTH2007
200754.05	553251	5295249.7	348.82	980.334	980.403	0.21	-0.6	KUTH2007
200754.05	553108.9	5296288.7	331.96	980.336	980.403	0.17	-0.82	KUTH2007
200754.05	553937.6	5297072.6	304.59	980.341	980.402	0.31	-0.46	KUTH2007
200754.05	552260.6	5296850.4	339.49	980.335	980.402	0.33	-0.37	KUTH2007
200754.05	551707.3	5296187.3	349.9	980.333	980.403	0.27	-0.47	KUTH2007
200754.05	549978.2	5304173.1	304.87	980.332	980.396	0.33	-3.79	KUTH2007
200754.05	550958.4	5304523.2	285.77	980.334	980.396	0.31	-5.11	KUTH2007
200754.05	551637.7	5305287.7	290.21	980.333	980.395	0.27	-4.87	KUTH2007
200754.05	551873.7	5306313.6	264.99	980.336	980.394	0.25	-6.09	KUTH2007
200754.05	552471.6	5304753	294.46	980.335	980.396	0.24	-2.48	KUTH2007
200754.05	553204	5304097.2	313.28	980.331	980.396	0.23	-3.25	KUTH2007
200754.05	553831.9	5303371.2	326.38	980.331	980.397	0.19	-1.9	KUTH2007
200754.05	554615.8	5302721.2	319.9	980.332	980.397	0.17	-2.17	KUTH2007
200754.05	555158.8	5301867.2	329.5	980.331	980.398	0.16	-2.38	KUTH2007
200754.05	556076.8	5301418.7	323.97	980.333	980.398	0.2	-1.68	KUTH2007
200754.05	557041.3	5301198.3	317.06	980.335	980.399	0.27	-0.91	KUTH2007
200754.05	557988.8	5300783.3	341.76	980.331	980.399	0.33	-0.7	KUTH2007
200754.05	559082.3	5300933.2	388.59	980.322	980.399	0.45	0.36	KUTH2007
200754.05	557762.9	5300101.9	308.1	980.338	980.399	0.25	-0.81	KUTH2007
200754.05	555155	5303421.4	322.83	980.331	980.397	0.2	-1.8	KUTH2007
200754.05	556088.3	5303881	318.95	980.331	980.396	0.25	-2.14	KUTH2007
200754.05	557031.8	5304042.9	287.6	980.338	980.396	0.28	-1.79	KUTH2007
200754.05	558014	5303917.6	325.78	980.331	980.396	0.37	-1.26	KUTH2007
200754.05	558893.8	5303384	330.06	980.33	980.397	0.33	-1.25	KUTH2007
200754.05	559642	5304073.7	381.62	980.32	980.396	0.43	-1.05	KUTH2007
200754.05	559869.4	5304937	324.27	980.329	980.396	0.71	-2.46	KUTH2007
200754.05	560130	5305970	366.13	980.32	980.395	0.56	-1.76	KUTH2007
200754.05	560563.3	5306533	341.35	980.325	980.394	0.6	-1.53	KUTH2007
200754	580015	5293123.2	25.7	980.411	980.405	0.33	11.26	KUTH2007
200754	579985.3	5304834.1	12.25	980.409	980.395	0.19	16.44	KUTH2007
200754.01	573112.8	5315060.4	241.95	980.343	980.387	0.63	4.13	KUTH2007
200754.01	572336.7	5315756.1	311.67	980.329	980.387	0.88	4.14	KUTH2007
200754.01	571516.7	5316282.4	333.22	980.323	980.386	0.71	3.31	KUTH2007
200754.01	570956.7	5317080.7	441.27	980.3	980.386	0.67	2.22	KUTH2007
200754.01	571451.7	5310981.8	310.26	980.336	980.391	1.73	8.19	KUTH2007
200754.02	568124.4	5311221.6	119.29	980.37	980.39	0.6	3.84	KUTH2007
200754.02	567171.4	5310901.2	138.76	980.366	980.391	0.36	3.29	KUTH2007
200754.02	566189.3	5310881.6	161.57	980.359	980.391	0.39	0.77	KUTH2007
200754.02	564322.3	5311347.4	230.75	980.345	980.39	0.21	0.2	KUTH2007
200754.02	568871.4	5311757.9	83.69	980.376	980.39	1.03	3.17	KUTH2007
200754.02	569904.9	5311565.1	293.4	980.336	980.39	1.91	5.61	KUTH2007
200754.02	570548.4	5311150.2	330.4	980.331	980.39	0.79	6.62	KUTH2007
200754.02	580409.3	5309369.6	49.9	980.396	980.392	0.15	14.21	KUTH2007
200754.02	580486.2	5311562	22.89	980.401	980.39	0.19	15.47	KUTH2007
200754.02	581219.3	5312230.8	5.83	980.403	980.389	0.19	14.84	KUTH2007
200754.02	581608.8	5313070.5	24.53	980.399	980.389	0.37	15.28	KUTH2007
200754.04	556430	5294305.2	301.91	980.345	980.404	0.23	-0.01	KUTH2007
200754.04	556430.5	5295301.6	289.5	980.346	980.403	0.51	0.47	KUTH2007
200754.04	556820.6	5296271.5	318.73	980.34	980.403	0.25	0.24	KUTH2007
200754.04	557609.3	5296703.1	353.7	980.333	980.402	0.4	0.79	KUTH2007

200754.04	558358.4	5296894.8	428.63	980.32	980.402	0.24	2.05	KUTH2007
200754.04	557893.5	5297677.3	439.31	980.316	980.401	0.72	1.67	KUTH2007
200754.04	558328.8	5295854.9	362.87	980.334	980.403	0.22	2.74	KUTH2007
200754.04	559409.4	5295245.9	366.54	980.334	980.403	0.2	2.57	KUTH2007
200754.04	560136.9	5294685.9	360.12	980.336	980.404	0.27	2.91	KUTH2007
200754.04	560998.8	5294189.1	334.29	980.342	980.404	0.31	3.99	KUTH2007
200754.04	561898.8	5293807.8	304.67	980.348	980.405	0.52	4.12	KUTH2007
200754.04	562879.1	5293770.4	192.65	980.369	980.405	1.49	4.04	KUTH2007
200754.04	563609.5	5293115.8	168.13	980.375	980.405	1.45	4.38	KUTH2007
200754.04	563965.8	5292419.6	131.2	980.383	980.406	0.91	4.51	KUTH2007
200754.04	564812.7	5292217	210.64	980.369	980.406	0.87	5.41	KUTH2007
200754.04	564952.6	5292751.8	294.03	980.352	980.405	1.33	5.66	KUTH2007
200754.04	565537.1	5293461.3	364.7	980.338	980.405	0.92	6.37	KUTH2007
200754.04	565821	5294434.2	392.82	980.331	980.404	0.67	5.04	KUTH2007
200754.04	566013.8	5295487.8	390.56	980.332	980.403	0.6	6.2	KUTH2007
200754.04	566971.8	5296108.6	370.96	980.336	980.403	0.4	6.73	KUTH2007
200754.04	566608.3	5296694.7	302.85	980.346	980.402	0.88	4.06	KUTH2007
200754.04	567144.8	5297331.5	320.84	980.343	980.402	0.61	4.61	KUTH2007
200754.04	564886.9	5294252.5	450.69	980.319	980.404	1.31	4.42	KUTH2007
200754.04	564578.5	5295204.1	486.64	980.311	980.403	0.89	4.33	KUTH2007
200754.04	565052.4	5296095	573.03	980.293	980.403	1.79	5.16	KUTH2007
200754.04	565276.5	5297083.6	555.99	980.296	980.402	1.53	5.49	KUTH2007
200754.04	565746.9	5297966.8	558.86	980.294	980.401	1.17	4.48	KUTH2007
200754.04	566145.8	5299019.8	479.76	980.309	980.4	0.97	4.02	KUTH2007
200754.04	566601.4	5302330	403.95	980.319	980.398	0.44	0.97	KUTH2007
200754.04	565593.8	5302359.7	426.01	980.313	980.398	0.43	0.1	KUTH2007
200754.04	564582.8	5302421.6	443.72	980.31	980.398	0.35	0.36	KUTH2007
200754.04	563811.4	5301748.8	432.85	980.312	980.398	0.31	-0.34	KUTH2007
200754.04	567743.7	5302232	351.2	980.329	980.398	0.48	0.75	KUTH2007
200754.04	570592.2	5301169.8	361.25	980.332	980.398	0.49	5.35	KUTH2007
200754.04	569706.7	5301690.3	356.82	980.332	980.398	0.37	4.26	KUTH2007
200754.04	568566.4	5302043.2	323.38	980.337	980.398	0.41	2.96	KUTH2007
200754.04	557198.1	5297547.9	302.44	980.341	980.402	0.65	0.05	KUTH2007
200754.04	557587.1	5298323.7	328.38	980.336	980.401	0.45	-0.22	KUTH2007
200754.04	558300.3	5298907.6	318.56	980.337	980.4	0.4	-0.18	KUTH2007
200754.04	559166.5	5299328.2	306.42	980.338	980.4	0.37	-1.36	KUTH2007
200754.04	560435.7	5300382	332.78	980.333	980.399	0.44	0.08	KUTH2007
200754.04	561486.4	5300529.3	372.51	980.325	980.399	1.03	0.17	KUTH2007
200754.04	562494.8	5300913	414.32	980.317	980.399	0.84	0.85	KUTH2007
200754.04	562950.8	5301283.8	438.03	980.312	980.398	0.72	0.21	KUTH2007
200754.04	563272.7	5302345.9	453.09	980.308	980.398	0.32	0.34	KUTH2007
200754.04	562752.3	5303273.9	454.79	980.307	980.397	0.29	-0.15	KUTH2007
200754.04	561767.6	5303545.1	458.23	980.305	980.397	0.27	-1.62	KUTH2007
200754.04	560979.7	5303401.8	481.54	980.3	980.397	0.36	-1.21	KUTH2007
200754.04	561721.2	5302724.4	473.84	980.303	980.397	0.63	-0.31	KUTH2007
200754.04	562598	5302180.7	395.06	980.318	980.398	0.77	-0.84	KUTH2007
200754.04	561287.6	5304258	466.47	980.302	980.396	0.59	-1.96	KUTH2007
200754.04	561975.8	5304926	390.91	980.317	980.396	0.47	-1.59	KUTH2007
200754.04	561494.9	5305738.8	405.38	980.313	980.395	0.63	-1.24	KUTH2007
200754.04	562193.1	5306357.5	325.62	980.328	980.394	0.6	-1.69	KUTH2007
200754.04	563933.5	5307399.7	368.19	980.323	980.394	0.75	2.47	KUTH2007
200754.04	565108.5	5308647.4	252.25	980.346	980.392	0.33	3.08	KUTH2007
200754.04	564523.9	5309696	226.64	980.348	980.392	0.44	1.39	KUTH2007
200754.04	563331.6	5305879.6	354.42	980.324	980.395	0.48	-0.89	KUTH2007
200754.04	564240.9	5305309.3	434.6	980.31	980.395	0.44	0.81	KUTH2007

200754.04	563956.8	5304339.6	422.21	980.313	980.396	0.39	0.17	KUTH2007
200754.04	564654.4	5303490.1	468.71	980.304	980.397	0.36	0.16	KUTH2007
200754.04	565705.3	5303372.6	507.98	980.296	980.397	0.45	-0.24	KUTH2007
200754.04	566829.8	5303553.5	387.98	980.32	980.397	0.71	0.87	KUTH2007
200754.04	567680.6	5303579.5	373.58	980.323	980.397	0.37	0.47	KUTH2007
200754.04	567934.6	5301308.1	353.71	980.331	980.398	0.65	3.31	KUTH2007
200754.05	567592.4	5300197.5	326.63	980.337	980.399	1.17	3.54	KUTH2007
200754.05	567446	5299323.6	334.15	980.336	980.4	0.93	2.47	KUTH2007
200754.05	568317.4	5302671.8	358.99	980.328	980.397	0.49	2.03	KUTH2007
200754.05	566696.5	5304624.6	386.37	980.321	980.396	0.69	2.39	KUTH2007