

XARXA D'AIGUA DE RIELLS I VIABREA
DADES PER EL CÀLCUL EPANET

;

[PIPES]

Node1	Node2	Length
ID	Diameter	Roughness
MinorLoss	Status	
p1	102.6	140
p2	102.6	140
p3	57	140
p4	57	140
p5	57	140
p6	57	140
p7	45.2	140
p8	57	140
p9	57	140
p10	57	140
p11	57	140
p12	57	140
p13	57	140
p14	57	140
p15	57	140
p16	96.8	140
p17	96.8	140
p18	57	140
p19	55	140
p20	55	140
p21	57	140
p22	57	140
p23	57	140
p24	45.2	140
p25	45.2	140
p26	45.2	140
p27	102.6	140
p28	147.6	140
p29	147.6	140
p30	115.4	140
p31	81.4	140
p32	81.4	140

p33		n38		n41		62.39
	115.4	140	0		Open ;	
p34		n42		n43		122.1
	57	140	0		Open ;	
p35		n43		n44		6.881
	36.2	140	0		Open ;	
p36		n44		n45		50.03
	36.2	140	0		Open ;	
p37		n43		n46		136.6
	57	140	0		Open ;	
p38		n44		n47		156.9
	36.2	140	0		Open ;	
p39		n48		n49		15.97
	36.2	140	0		Open ;	
p40		n49		n41		115.4
	115.4	140	0		Open ;	
p41		n49		n50		43.94
	115.4	140	0		Open ;	
p42		n50		n51		135.4
	115.4	140	0		Open ;	
p43		n50		n52		24.9
	96.8	140	0		Open ;	
p44		n52		n53		12.31
	102.6	140	0		Open ;	
p45		n52		n54		5.826
	102.6	140	0		Open ;	
p46		n54		n55		52.48
	102.6	140	0		Open ;	
p47		n53		n56		60.97
	96.8	140	0		Open ;	
p48		n57		n58		27.76
	36.2	140	0		Open ;	
p49		n58		n59		6.892
	36.2	140	0		Open ;	
p50		n59		n60		41.06
	36.2	140	0		Open ;	
p51		n58		n61		50.52
	36.2	140	0		Open ;	
p52		n59		n62		33.45
	36.2	140	0		Open ;	
p53		n36		n63		5.575
	81.4	140	0		Open ;	
p54		n63		n61		46.01
	81.4	140	0		Open ;	
p55		n61		n64		100.3
	81.4	140	0		Open ;	
p56		n64		n65		9.41
	45.2	140	0		Open ;	
p57		n65		n66		5.405
	36.2	140	0		Open ;	
p58		n66		n67		47.27
	36.2	140	0		Open ;	
p59		n67		n68		7.109
	36.2	140	0		Open ;	
p60		n68		n69		47.04
	36.2	140	0		Open ;	
p61		n67		n70		41.98
	36.2	140	0		Open ;	
p62		n68		n71		58.54
	36.2	140	0		Open ;	
p63		n65		n72		70.89
	45.2	140	0		Open ;	
p64		n72		n73		6.721
	36.2	140	0		Open ;	
p65		n73		n74		84.24
	36.2	140	0		Open ;	
p66		n72		n75		4.227
	81.4	140	0		Open ;	
p67		n75		n76		4.364
	81.4	140	0		Open ;	

p68		n76		n77		90.85
	36.2	140	0		Open ;	
p69		n76		n78		45.95
	36.2	140	0		Open ;	
p70		n74		n79		136.2
	102.6	140	0		Open ;	
p71		n79		n80		8.057
	45.2	140	0		Open ;	
p72		n80		n81		86.49
	45.2	140	0		Open ;	
p73		n82		n51		6.232
	45.2	140	0		Open ;	
p74		n51		n83		11.76
	115.4	140	0		Open ;	
p75		n83		n84		84.94
	45.2	140	0		Open ;	
p76		n85		n86		24.66
	66	140	0		Open ;	
p78		n88		n89		120.9
	36.2	140	0		Open ;	
p79		n89		n90		92.46
	57	140	0		Open ;	
p80		n90		n91		52.39
	36.2	140	0		Open ;	
p81		n92		n93		49.71
	96.4	140	0		Open ;	
p82		n93		n96		6.104
	102.6	140	0		Open ;	
p83		n96		n95		5.647
	36.2	140	0		Open ;	
p84		n96		n97		7.421
	115.4	140	0		Open ;	
p85		n97		n98		5.089
	36.2	140	0		Open ;	
p86		n97		n99		43.73
	115.4	140	0		Open ;	
p87		n99		n100		6.458
	36.2	140	0		Open ;	
p88		n99		n101		7.071
	115.4	140	0		Open ;	
p89		n101		n102		6.891
	36.2	140	0		Open ;	
p90		n95		n103		69.52
	36.2	140	0		Open ;	
p91		n98		n104		69.2
	36.2	140	0		Open ;	
p92		n100		n105		72.78
	36.2	140	0		Open ;	
p93		n102		n106		89.13
	36.2	140	0		Open ;	
p94		n107		n108		116.8
	36.2	140	0		Open ;	
p95		n108		n109		27.37
	36.2	140	0		Open ;	
p96		n109		n110		74.41
	36.2	140	0		Open ;	
p97		n109		n111		89.77
	36.2	140	0		Open ;	
p98		n64		n112		71.31
	81.4	140	0		Open ;	
p99		n113		n114		5.154
	57	140	0		Open ;	
p100		n114		n115		67.37
	36.2	140	0		Open ;	
p101		n113		n116		7.458
	81.4	140	0		Open ;	
p102		n116		n117		31.6
	81.4	140	0		Open ;	
p103		n116		n118		7.326
	57	140	0		Open ;	

p104		n118		n119		80.91
	81.4	140	0		Open ;	
p105		n119		n120		82.5
	102.6	140	0		Closed ;	
p106		n118		n121		4.562
	36.2	140	0		Open ;	
p107		n121		n122		25.03
	36.2	140	0		Open ;	
p108		n119		n123		39.01
	36.2	140	0		Open ;	
p109		n123		n124		58.31
	36.2	140	0		Open ;	
p110		n123		n125		54.96
	36.2	140	0		Open ;	
p111		n126		n127		4.93
	147.6	140	0		Open ;	
p112		n127		n128		5.427
	102.6	140	0		Open ;	
p113		n128		n129		149.7
	102.6	140	0		Open ;	
p114		n127		n34		5.213
	147.6	140	0		Open ;	
p115		n33		n130		95.91
	102.6	140	0		Open ;	
p116		n41		n42		9.858
	57	140	0		Open ;	
p117		n86		n131		89.74
	36.2	140	0		Open ;	
p118		n86		n132		11.49
	57	140	0		Open ;	
p119		n132		n133		51.78
	57	140	0		Open ;	
p120		n132		n134		5.023
	36.2	140	0		Open ;	
p121		n134		n135		104.9
	36.2	140	0		Open ;	
p122		n9		n136		84.37
	45.2	140	0		Open ;	
p123		n137		n138		7.214
	102.6	140	0		Open ;	
p124		n138		n12		53.67
	102.6	140	0		Open ;	
p125		n137		n139		47.89
	102.6	140	0		Open ;	
p126		n18		n19		7.56
	102.6	140	0		Open ;	
p127		n107		n140		7.151
	36.2	140	0		Open ;	
p128		n108		n141		7.116
	36.2	140	0		Open ;	
p129		n21		n142		30.3
	26.3	140	0		Open ;	
p130		n143		n144		12.59
	115.4	140	0		Open ;	
p131		n145		n146		5.283
	110.2	140	0		Open ;	
p132		n146		n147		48.9
	110.2	140	0		Open ;	
p133		n147		n148		20.62
	100	140	0		Open ;	
p134		n148		n149		5.718
	100	140	0		Open ;	
p135		n145		n150		11.17
	110.2	140	0		Open ;	
p137		n151		n152		98.57
	125	140	0		Open ;	
p138		n152		n153		9.404
	115.4	140	0		Open ;	
p139		n153		n154		64.01
	67.8	140	0		Open ;	

p140		n155		n156		13.39
	67.8	140	0	Open	;	
p141		n156		n157		43.94
	36.2	140	0	Open	;	
p142		n152		n158		8.691
	115.4	140	0	Open	;	
p143		n158		n159		103
	36.2	140	0	Open	;	
p144		n158		n160		5.458
	70	140	0	Open	;	
p145		n160		n161		62.44
	70	140	0	Open	;	
p146		n153		n162		13.89
	115.4	140	0	Open	;	
p147		n162		n163		29.32
	115.4	140	0	Open	;	
p148		n163		n164		7.773
	67.8	140	0	Open	;	
p149		n164		n165		47.05
	70	140	0	Open	;	
p150		n153		n166		89.72
	67.8	140	0	Open	;	
p151		n167		n168		72.46
	67.8	140	0	Open	;	
p152		n155		n169		8.619
	67.8	140	0	Open	;	
p153		n169		n170		5.453
	67.8	140	0	Open	;	
p154		n170		n171		51.21
	67.8	140	0	Open	;	
p155		n169		n172		37.59
	36.2	140	0	Open	;	
p156		n156		n173		27.81
	67.8	140	0	Open	;	
p157		n173		n174		47.83
	36.2	140	0	Open	;	
p158		n175		n176		58.93
	36.2	140	0	Open	;	
p159		n176		n177		55.87
	57	140	0	Open	;	
p160		n176		n178		4.39
	57	140	0	Open	;	
p161		n178		n179		3.65
	57	140	0	Open	;	
p162		n173		n180		12.26
	67.8	140	0	Open	;	
p163		n180		n181		19.72
	36.2	140	0	Open	;	
p164		n180		n182		59.25
	67.8	140	0	Open	;	
p165		n163		n183		32.28
	115.4	140	0	Open	;	
p166		n184		n185		51.39
	102.6	140	0	Open	;	
p168		n187		n188		15.02
	67.8	140	0	Open	;	
p169		n188		n189		25.48
	67.8	140	0	Open	;	
p170		n190		n191		57.72
	102.6	140	0	Open	;	
p171		n191		n149		7.937
	102.6	140	0	Open	;	
p172		n188		n192		46.72
	60	140	0	Open	;	
p173		n150		n193		4.074
	115.4	140	0	Open	;	
p174		n193		n194		4.261
	115.4	140	0	Open	;	
p175		n149		n195		51.71
	102.6	140	0	Open	;	

p176		n196		n197		4.722
	102.6	140	0	Open	;	
p177		n197		n198		5.381
	102.6	140	0	Open	;	
p178		n198		n199		45.02
	102.6	140	0	Open	;	
p179		n197		n200		10.01
	102.6	140	0	Open	;	
p180		n200		n201		4.582
	102.6	140	0	Open	;	
p181		n200		n202		4.973
	102.6	140	0	Open	;	
p182		n202		n203		45.36
	102.6	140	0	Open	;	
p183		n204		n205		5.562
	102.6	140	0	Open	;	
p184		n205		n206		4.535
	102.6	140	0	Open	;	
p185		n206		n207		75.03
	102.6	140	0	Open	;	
p186		n205		n208		10.33
	102.6	140	0	Open	;	
p187		n208		n209		5.493
	102.6	140	0	Open	;	
p188		n208		n210		4.51
	102.6	140	0	Open	;	
p189		n210		n211		138.1
	102.6	140	0	Open	;	
p190		n212		n213		5.806
	102.6	140	0	Open	;	
p191		n213		n214		89.06
	102.6	140	0	Open	;	
p192		n201		n215		138.2
	102.6	140	0	Open	;	
p193		n215		n216		4.831
	102.6	140	0	Open	;	
p194		n216		n214		5.188
	102.6	140	0	Open	;	
p195		n216		n217		10.49
	102.6	140	0	Open	;	
p196		n217		n218		4.813
	102.6	140	0	Open	;	
p197		n217		n219		5.058
	102.6	140	0	Open	;	
p198		n219		n220		89.81
	102.6	140	0	Open	;	
p199		n212		n221		10.55
	102.6	140	0	Open	;	
p200		n212		n211		5.066
	102.6	140	0	Open	;	
p201		n220		n221		5.28
	102.6	140	0	Open	;	
p202		n221		n222		4.61
	102.6	140	0	Open	;	
p203		n222		n223		147
	102.6	140	0	Open	;	
p204		n223		n224		6.657
	102.6	140	0	Open	;	
p205		n224		n225		73.54
	102.6	140	0	Open	;	
p206		n224		n226		10.37
	102.6	140	0	Open	;	
p207		n226		n227		6.634
	102.6	140	0	Open	;	
p208		n227		n228		63.44
	102.6	140	0	Open	;	
p209		n226		n229		6.904
	102.6	140	0	Open	;	
p210		n229		n230		24.11
	102.6	140	0	Open	;	

p211		n230		n231		92.38
	96.8	140	0		Open ;	
p212		n225		n218		146.2
	102.6	140	0		Open ;	
p213		n232		n233		4.39
	147.6	140	0		Open ;	
p214		n233		n234		37.91
	147.6	140	0		Open ;	
p215		n234		n235		5.47
	57	140	0		Open ;	
p216		n235		n236		111.01
	57	140	0		Open ;	
p217		n234		n237		6.364
	45.2	140	0		Open ;	
p218		n237		n238		5.7
	45.2	140	0		Open ;	
p219		n238		n239		89.43
	45.2	140	0		Open ;	
p220		n239		n240		95.22
	45.2	140	0		Open ;	
p221		n239		n241		12.13
	45.2	140	0		Open ;	
p222		n241		n242		68.62
	45.2	140	0		Open ;	
p223		n243		n244		169.1
	55.4	140	0		Open ;	
p224		n243		n245		11.71
	45.2	140	0		Open ;	
p225		n245		n246		166.8
	45.2	140	0		Open ;	
p226		n234		n247		89.6
	129.2	140	0		Open ;	
p227		n237		n248		5.903
	45.2	140	0		Open ;	
p228		n248		n249		92.76
	45.2	140	0		Open ;	
p229		n250		n251		6.319
	102.6	140	0		Open ;	
p230		n251		n252		5.613
	45.2	140	0		Open ;	
p231		n252		n253		34.84
	45.2	140	0		Open ;	
p232		n250		n254		14.99
	129.2	140	0		Open ;	
p233		n254		n255		80.01
	57	140	0		Open ;	
p234		n255		n256		15.78
	45.2	140	0		Open ;	
p235		n256		n257		140.6
	45.2	140	0		Open ;	
p236		n256		n258		80.52
	45.2	140	0		Open ;	
p237		n255		n259		8.487
	57	140	0		Open ;	
p238		n259		n260		6.427
	45.2	140	0		Open ;	
p239		n259		n262		5.40
	57	140	0		Open ;	
p240		n262		n263		81.13
	57	140	0		Open ;	
p241		n264		n265		5.848
	36.2	140	0		Open ;	
p242		n265		n266		29.51
	36.2	140	0		Open ;	
p243		n264		n267		4.816
	57	140	0		Open ;	
p244		n267		n268		5.616
	57	140	0		Open ;	
p245		n268		n269		100.2
	57	140	0		Open ;	

p246		n267		n270		103.1
57		140	0	Open	;	
p247		n271		n272		101.5
45.2		140	0	Open	;	
p248		n273		n274		11.49
45.2		140	0	Open	;	
p249		n274		n275		15.69
45.2		140	0	Open	;	
p250		n276		n275		199.4
45.2		140	0	Open	;	
p251		n274		n277		9.167
45.2		140	0	Open	;	
p252		n277		n278		116.5
45.2		140	0	Open	;	
p253		n279		n280		4.747
45.2		140	0	Open	;	
p254		n280		n281		4.992
45.2		140	0	Open	;	
p255		n281		n277		116.7
45.2		140	0	Open	;	
p256		n280		n282		7.319
45.2		140	0	Open	;	
p257		n282		n283		14.46
67.8		140	0	Open	;	
p258		n287		n284		148.8
102.6		140	0	Open	;	
p259		n251		n285		18.34
102.6		140	0	Open	;	
p260		n260		n286		81.11
45.2		140	0	Open	;	
p261		n287		n288		5.966
45.2		140	0	Open	;	
p262		n288		n289		27.07
45.2		140	0	Open	;	
p263		n289		n290		8.428
45.2		140	0	Open	;	
p264		n290		n291		104.3
45.2		140	0	Open	;	
p265		n289		n292		41.46
45.2		140	0	Open	;	
p266		n290		n293		62.9
45.2		140	0	Open	;	
p267		n283		n294		6.268
45.2		140	0	Open	;	
p268		n294		n295		106.4
45.2		140	0	Open	;	
p269		n282		n296		6.654
67.8		140	0	Open	;	
p270		n296		n297		10.53
67.8		140	0	Open	;	
p271		n297		n298		6.967
45.2		140	0	Open	;	
p272		n298		n299		5.559
45.2		140	0	Open	;	
p273		n299		n300		94.45
45.2		140	0	Open	;	
p274		n298		n301		5.16
45.2		140	0	Open	;	
p275		n301		n302		96.51
45.2		140	0	Open	;	
p276		n303		n304		53.65
45.2		140	0	Open	;	
p277		n303		n305		9.684
45.2		140	0	Open	;	
p278		n305		n306		45.78
45.2		140	0	Open	;	
p279		n297		n307		75.37
67.8		140	0	Open	;	
p280		n308		n309		7.054
45.2		140	0	Open	;	

p281		n309		n310		4.362
	45.2	140	0			
p282		n310		n311	Open ;	68.23
	45.2	140	0			
p283		n312		n313	Open ;	84.26
	45.2	140	0			
p284		n314		n309	Open ;	6.285
	45.2	140	0			
p285		n308		n315	Open ;	15.22
	67.8	140	0			
p286		n315		n316	Open ;	14.76
	67.8	140	0			
p287		n316		n317	Open ;	7.045
	45.2	140	0			
p288		n317		n318	Open ;	4.382
	45.2	140	0			
p289		n318		n319	Open ;	112.4
	45.2	140	0			
p290		n317		n320	Open ;	6.036
	45.2	140	0			
p291		n320		n321	Open ;	83.29
	45.2	140	0			
p292		n316		n322	Open ;	99.43
	57	140	0			
p293		n323		n324	Open ;	145.1
	57	140	0			
p294		n323		n325	Open ;	8.95
	45.2	140	0			
p295		n325		n326	Open ;	5.475
	45.2	140	0			
p296		n326		n327	Open ;	61.75
	45.2	140	0			
p297		n325		n328	Open ;	15.87
	45.2	140	0			
p298		n328		n329	Open ;	7.65
	45.2	140	0			
p299		n328		n330	Open ;	5.71
	45.2	140	0			
p300		n330		n331	Open ;	79.12
	45.2	140	0			
p301		n329		n332	Open ;	5.848
	45.2	140	0			
p302		n332		n333	Open ;	71.21
	45.2	140	0			
p303		n329		n334	Open ;	5.541
	45.2	140	0			
p304		n334		n335	Open ;	102.4
	45.2	140	0			
p305		n336		n337	Open ;	109.8
	57	140	0			
p306		n338		n339	Open ;	11.43
	45.2	140	0			
p307		n339		n340	Open ;	96.04
	45.2	140	0			
p308		n341		n342	Open ;	11.07
	57	140	0			
p309		n342		n343	Open ;	7.091
	57	140	0			
p310		n343		n344	Open ;	45.99
	57	140	0			
p311		n342		n345	Open ;	3.408
	57	140	0			
p312		n346		n347	Open ;	6.477
	102.6	140	0			
p313		n347		n348	Open ;	91.54
	96.8	140	0			
p314		n349		n350	Open ;	4.41
	96.8	140	0			
p315		n350		n351	Open ;	77.27
	96.8	140	0			

p316		n349		n352		41.69
	96.8	140	0		Open ;	
p317		n352		n353		5.625
	102.6	140	0		Open ;	
p318		n353		n354		9.845
	102.6	140	0		Closed ;	
p319		n353		n355		4.502
	102.6	140	0		Open ;	
p320		n355		n356		90.03
	96.8	140	0		Open ;	
p321		n346		n357		6.383
	57	140	0		Open ;	
p322		n357		n358		75.69
	57	140	0		Open ;	
p323		n359		n360		40.53
	96.8	140	0		Open ;	
p324		n360		n361		110.1
	45.2	140	0		Open ;	
p325		n362		n363		108.8
	36.2	140	0		Open ;	
p326		n354		n364		121.9
	110.2	140	0		Open ;	
p327		n354		n365		4.706
	57	140	0		Open ;	
p328		n365		n366		82.29
	57	140	0		Open ;	
p329		n338		n345		14.32
	45.2	140	0		Open ;	
p330		n367		n368		97.06
	45.2	140	0		Open ;	
p331		n369		n370		5.612
	129.2	140	0		Open ;	
p332		n370		n371		4.063
	129.2	140	0		Open ;	
p333		n371		n372		5.085
	81.4	140	0		Open ;	
p334		n372		n373		4.623
	81.4	140	0		Open ;	
p335		n373		n374		61.91
	110.2	140	0		Open ;	
p336		n374		n375		102.9
	115.4	140	0		Open ;	
p337		n376		n377		95.31
	67.8	140	0		Open ;	
p338		n378		n379		148.2
	57	140	0		Open ;	
p339		n379		n380		140.9
	57	140	0		Open ;	
p340		n381		n382		64.5
	55.4	140	0		Open ;	
p341		n374		n383		97.64
	67.8	140	0		Open ;	
p342		n324		n384		176.4
	57	140	0		Open ;	
p343		n373		n385		11.46
	57	140	0		Open ;	
p344		n385		n386		48.36
	57	140	0		Open ;	
p345		n371		n387		6.194
	129.2	140	0		Open ;	
p346		n387		n388		52.18
	129.2	140	0		Open ;	
p347		n389		n390		9.243
	102.6	140	0		Open ;	
p348		n389		n391		80.3
	45.2	140	0		Open ;	
p349		n390		n392		4.941
	57	140	0		Open ;	
p350		n392		n393		83.33
	57	140	0		Open ;	

p351		n390		n394		6.379
	102.6	140	0	Open	;	
p352		n394		n395		7.932
	57	140	0	Open	;	
p353		n395		n396		7.259
	57	140	0	Open	;	
p354		n396		n397		36.5
	57	140	0	Open	;	
p355		n397		n398		6.49
	57	140	0	Open	;	
p356		n398		n399		75.57
	57	140	0	Open	;	
p357		n397		n400		15.83
	57	140	0	Open	;	
p358		n400		n401		118
	57	140	0	Open	;	
p359		n401		n402		92.25
	45.2	140	0	Open	;	
p360		n401		n403		14.09
	45.2	140	0	Open	;	
p361		n403		n404		115
	45.2	140	0	Open	;	
p362		n395		n405		8.231
	102.6	140	0	Open	;	
p363		n405		n406		91.23
	102.6	140	0	Open	;	
p364		n407		n408		137.6
	81.4	140	0	Open	;	
p365		n408		n409		89.3
	81.4	140	0	Open	;	
p366		n409		n410		5.787
	57	140	0	Open	;	
p367		n410		n411		47.19
	57	140	0	Open	;	
p368		n409		n412		5.364
	57	140	0	Open	;	
p369		n412		n413		5.475
	57	140	0	Open	;	
p370		n414		n415		9.243
	57	140	0	Open	;	
p371		n415		n416		129.6
	55.4	140	0	Open	;	
p372		n417		n418		12.4
	57	140	0	Open	;	
p373		n414		n419		183.4
	80	140	0	Open	;	
p374		n419		n420		36.09
	81.4	140	0	Open	;	
p375		n420		n421		23.6
	81.4	140	0	Open	;	
p376		n421		n422		49.3
	81.4	140	0	Open	;	
p377		n422		n423		15.31
	81.4	140	0	Open	;	
p378		n420		n424		10.46
	45.2	140	0	Open	;	
p379		n424		n425		131.5
	45.2	140	0	Open	;	
p380		n421		n426		11.96
	45.2	140	0	Open	;	
p381		n426		n427		119.9
	45.2	140	0	Open	;	
p382		n422		n428		10.45
	45.2	140	0	Open	;	
p383		n428		n429		102.2
	45.2	140	0	Open	;	
p384		n408		n430		139.9
	81.4	140	0	Open	;	
p385		n430		n431		139.1
	81.4	140	0	Open	;	

p386		n430		n432		12.31
	57	140	0		Open ;	
p387		n432		n433		50.53
	81.4	140	0		Open ;	
p388		n434		n435		6.396
	81.4	140	0		Open ;	
p389		n435		n436		82.37
	81.4	140	0		Open ;	
p390		n434		n437		5.834
	57	140	0		Open ;	
p391		n437		n438		38.49
	57	140	0		Open ;	
p392		n438		n439		6.634
	57	140	0		Open ;	
p393		n439		n440		4.666
	57	140	0		Closed ;	
p394		n440		n441		63.22
	57	140	0		Open ;	
p395		n439		n442		5.106
	57	140	0		Open ;	
p396		n442		n443		116.1
	45.2	140	0		Open ;	
p397		n418		n444		155.6
	57	140	0		Open ;	
p398		n444		n445		99.04
	67.8	140	0		Open ;	
p399		n446		n447		8.12
	67.8	140	0		Open ;	
p400		n447		n448		9.08
	67.8	140	0		Open ;	
p401		n448		n449		4.238
	67.8	140	0		Open ;	
p402		n449		n450		3.759
	67.8	140	0		Open ;	
p403		n451		n452		3.66
	81.4	140	0		Open ;	
p404		n452		n453		18.38
	81.4	140	0		Open ;	
p405		n453		n454		3.654
	45.2	140	0		Open ;	
p406		n454		n455		3.72
	45.2	140	0		Open ;	
p407		n455		n456		76.04
	45.2	140	0		Open ;	
p408		n457		n458		3.81
	81.4	140	0		Open ;	
p409		n458		n459		5.39
	45.2	140	0		Open ;	
p410		n460		n461		83.91
	45.2	140	0		Open ;	
p411		n453		n462		49.44
	81.4	140	0		Open ;	
p412		n462		n463		30.96
	45.2	140	0		Open ;	
p413		n463		n464		91.69
	45.2	140	0		Open ;	
p414		n463		n465		99.92
	45.2	140	0		Open ;	
p415		n462		n466		30.26
	81.4	140	0		Open ;	
p416		n466		n467		66.8
	45.2	140	0		Open ;	
p417		n466		n468		9.703
	81.4	140	0		Open ;	
p418		n468		n469		62.57
	45.2	140	0		Open ;	
p419		n468		n470		53.01
	81.4	140	0		Open ;	
p420		n470		n471		61.74
	45.2	140	0		Open ;	

p421		n472		n473		77.58
	45.2	140	0	Open	;	
p422		n472		n474		82.28
	45.2	140	0	Open	;	
p423		n470		n475		6.683
	115.4	140	0	Open	;	
p424		n475		n476		82.7
	115.4	140	0	Open	;	
p425		n476		n477		54.94
	81.4	140	0	Open	;	
p426		n478		n468		7.175
	81.4	140	0	Open	;	
p427		n450		n479		3.53
	81.4	140	0	Open	;	
p428		n458		n451		3.25
	81.4	140	0	Open	;	
p429		n451		n450		3.53
	81.4	140	0	Open	;	
p430		n479		n481		3.65
	81.4	140	0	Open	;	
p431		n481		n482		70.31
	81.4	140	0	Open	;	
p432		n483		n484		7.031
	57	140	0	Open	;	
p433		n484		n485		106.2
	57	140	0	Open	;	
p434		n485		n486		5.369
	45.2	140	0	Open	;	
p435		n486		n487		102.8
	45.2	140	0	Open	;	
p436		n485		n488		114.7
	45.2	140	0	Open	;	
p437		n488		n489		190.2
	96.8	140	0	Open	;	
p438		n489		n490		176.1
	36.2	140	0	Open	;	
p439		n483		n491		6.013
	115.4	140	0	Open	;	
p440		n491		n492		10.08
	115.4	140	0	Open	;	
p441		n493		n494		7.254
	45.2	140	0	Open	;	
p442		n493		n495		7.021
	115.4	140	0	Open	;	
p443		n495		n496		6.644
	102.6	140	0	Open	;	
p445		n498		n499		9.05
	102.6	140	0	Open	;	
p446		n499		n500		30.81
	96.8	140	0	Open	;	
p447		n495		n501		63.65
	110.2	140	0	Open	;	
p448		n501		n502		3.277
	45.2	140	0	Open	;	
p449		n502		n503		122
	45.2	140	0	Open	;	
p450		n501		n504		51.07
	110.2	140	0	Open	;	
p451		n504		n505		18.61
	45.2	140	0	Open	;	
p452		n506		n507		7.869
	57	140	0	Open	;	
p453		n507		n508		36.56
	57	140	0	Open	;	
p454		n508		n509		5.22
	45.2	140	0	Open	;	
p455		n509		n510		116.9
	45.2	140	0	Open	;	
p456		n508		n511		5.478
	57	140	0	Open	;	

p457		n511		n512		135
	57	140	0		Open ;	
p458		n512		n513		6.129
	57	140	0		Open ;	
p459		n513		n514		4.973
	45.2	140	0		Open ;	
p460		n514		n515		104.2
	45.2	140	0		Open ;	
p461		n513		n516		5.284
	45.2	140	0		Open ;	
p462		n516		n517		90.27
	45.2	140	0		Open ;	
p463		n512		n518		7.441
	57	140	0		Open ;	
p464		n518		n519		92.29
	57	140	0		Open ;	
p465		n520		n521		132.2
	57	140	0		Open ;	
p466		n521		n522		38.47
	57	140	0		Open ;	
p467		n522		n523		135.5
	57	140	0		Open ;	
p468		n521		n524		21.79
	45.2	140	0		Open ;	
p469		n524		n525		5.693
	45.2	140	0		Open ;	
p470		n525		n526		104.1
	45.2	140	0		Open ;	
p471		n527		n528		143.3
	45.2	140	0		Open ;	
p472		n527		n524		3.544
	45.2	140	0		Open ;	
p473		n523		n529		141.2
	45.2	140	0		Open ;	
p474		n523		n530		98.03
	57	140	0		Open ;	
p475		n530		n531		7.45
	57	140	0		Open ;	
p476		n531		n532		92.7
	57	140	0		Open ;	
p477		n530		n533		99.18
	45.2	140	0		Open ;	
p478		n534		n535		54.45
	57	140	0		Open ;	
p479		n536		n537		74.35
	81.4	140	0		Open ;	
p480		n538		n539		72.58
	55.4	140	0		Open ;	
p481		n539		n540		3.725
	57	140	0		Open ;	
p482		n540		n541		4.119
	57	140	0		Open ;	
p483		n541		n537		3.795
	57	140	0		Open ;	
p484		n540		n542		7.269
	45.2	140	0		Open ;	
p485		n542		n535		6.516
	45.2	140	0		Open ;	
p486		n537		n543		10.3
	81.4	140	0		Open ;	
p487		n535		n544		3.695
	45.2	140	0		Open ;	
p488		n544		n545		3.451
	45.2	140	0		Open ;	
p489		n545		n546		2.856
	45.2	140	0		Open ;	
p490		n546		n543		2.967
	45.2	140	0		Open ;	
p491		n545		n547		28.74
	45.2	140	0		Open ;	

p492		n547		n548		100.4
	45.2	140	0			
p493		n549		n550	Open ;	5.793
	45.2	140	0			
p494		n550		n551	Open ;	86.39
	45.2	140	0			
p495		n549		n552	Open ;	37.04
	45.2	140	0			
p496		n543		n553	Open ;	5.864
	81.4	140	0			
p497		n553		n554	Open ;	122.3
	79.2	140	0			
p498		n555		n556	Open ;	6.823
	66	140	0			
p499		n556		n557	Open ;	177.5
	66	140	0			
p500		n558		n559	Open ;	6.583
	67.8	140	0			
p501		n559		n560	Open ;	93.43
	66	140	0			
p502		n561		n562	Open ;	75
	55.4	140	0			
p503		n558		n563	Open ;	108.9
	67.8	140	0			
p504		n587		n565	Open ;	11.33
	102.6	140	0			
p505		n566		n567	Open ;	180.5
	102.6	140	0			
p506		n568		n569	Open ;	16.07
	57	140	0			
p507		n569		n570	Open ;	76.34
	57	140	0			
p508		n571		n572	Open ;	11.62
	57	140	0			
p509		n571		n573	Open ;	15.61
	57	140	0			
p510		n572		n574	Open ;	88.08
	57	140	0			
p511		n572		n575	Open ;	77.66
	57	140	0			
p512		n576		n577	Open ;	93.29
	57	140	0			
p513		n568		n578	Open ;	5.683
	102.6	140	0			
p514		n578		n579	Open ;	140.5
	102.6	140	0			
p515		n580		n581	Open ;	122.3
	102.6	140	0			
p516		n580		n582	Open ;	9.194
	57	140	0			
p517		n582		n583	Open ;	17.16
	57	140	0			
p518		n582		n584	Open ;	49.74
	57	140	0			
p519		n585		n586	Open ;	4.304
	57	140	0			
p520		n587		n588	Open ;	32.34
	57	140	0			
p521		n588		n589	Open ;	11.58
	57	140	0			
p522		n589		n590	Open ;	203
	57	140	0			
p523		n591		n592	Open ;	13.57
	57	140	0			
p524		n592		n593	Open ;	139.7
	57	140	0			
p525		n591		n594	Open ;	6.221
	57	140	0			
p526		n594		n595	Open ;	56.74
	57	140	0			

p527		n595		n596		12.13
	57	140	0	Open	;	
p528		n596		n597		68.65
	57	140	0	Open	;	
p529		n595		n598		127.3
	57	140	0	Open	;	
p530		n599		n600		112.9
	57	140	0	Open	;	
p531		n599		n601		14.86
	57	140	0	Open	;	
p532		n601		n602		66.24
	57	140	0	Open	;	
p533		n603		n604		69.94
	57	140	0	Open	;	
p534		n603		n605		96.18
	57	140	0	Open	;	
p535		n588		n606		4.394
	57	140	0	Open	;	
p536		n606		n607		61.13
	57	140	0	Open	;	
p537		n607		n608		55.24
	57	140	0	Open	;	
p538		n607		n609		43.59
	57	140	0	Open	;	
p539		n610		n611		4.96
	129.2	140	0	Open	;	
p540		n611		n612		34.52
	129.2	140	0	Open	;	
p541		n612		n613		105.9
	129.2	140	0	Open	;	
p542		n612		n536		7.618
	81.4	140	0	Open	;	
p543		n614		n615		5.45
	45.2	140	0	Open	;	
p544		n615		n538		35.62
	44	140	0	Open	;	
p545		n538		n616		47.94
	66	140	0	Open	;	
p546		n617		n618		21.4
	115.4	140	0	Open	;	
p547		n619		n620		3.294
	110.2	140	0	Open	;	
p548		n619		n621		35.45
	110.2	140	0	Open	;	
p549		n622		n623		6.15
	110.2	140	0	Open	;	
p550		n624		n625		4.938
	44	140	0	Open	;	
p551		n626		n627		6.59
	36.2	140	0	Open	;	
p552		n627		n628		81.36
	36.2	140	0	Open	;	
p553		n625		n629		43.71
	129.2	140	0	Open	;	
p554		n625		n630		9.903
	44	140	0	Open	;	
p555		n631		n632		34.86
	57	140	0	Open	;	
p556		n629		n633		85.03
	129.2	140	0	Open	;	
p557		n634		n635		6.251
	110.2	140	0	Open	;	
p558		n366		n636		10.56
	45.2	140	0	Open	;	
p559		n636		n637		124.2
	44	140	0	Open	;	
p560		n637		n638		177.5
	44	140	0	Open	;	
p561		n637		n639		64.29
	66	140	0	Open	;	

p562		n366		n640		6.026
	45.2	140	0			
p563		n640		n641	Open ;	78.48
	44	140	0			
p564		n641		n642	Open ;	4.66
	44	140	0			
p565		n643		n854	Open ;	57.83
	45.2	140	0			
p566		n642		n645	Open ;	49.82
	36.2	140	0			
p567		n642		n646	Open ;	92.4
	44	140	0			
p568		n647		n648	Open ;	119.8
	44	140	0			
p569		n634		n649	Open ;	8.083
	110.2	140	0			
p570		n649		n650	Open ;	64.73
	110.2	140	0			
p571		n650		n651	Open ;	78.43
	110.2	140	0			
p572		n2015		n652	Open ;	33.96
	115.4	140	0			
p573		n650		n653	Open ;	6.976
	44	140	0			
p574		n653		n632	Open ;	6.938
	44	140	0			
p575		n632		n654	Open ;	6.489
	57	140	0			
p576		n654		n655	Open ;	80.59
	57	140	0			
p577		n656		n657	Closed ;	4.859
	57	140	0			
p578		n652		n658	Open ;	8.086
	57	140	0			
p579		n658		n659	Open ;	139.2
	57	140	0			
p580		n660		n661	Open ;	34.24
	57	140	0			
p581		n662		n663	Open ;	15.58
	57	140	0			
p582		n660		n664	Open ;	21.17
	45.2	140	0			
p583		n664		n665	Open ;	145
	44	140	0			
p584		n665		n666	Open ;	115
	36.2	140	0			
p585		n665		n667	Open ;	97.37
	44	140	0			
p586		n652		n668	Open ;	9.727
	110.2	140	0			
p587		n668		n669	Open ;	7.168
	67.8	140	0			
p588		n669		n657	Open ;	167.9
	66	140	0			
p589		n657		n670	Open ;	96.94
	45.2	140	0			
p590		n668		n671	Open ;	222.9
	110.2	140	0			
p591		n2016		n672	Open ;	113.1
	96.8	140	0			
p592		n648		n673	Open ;	36.41
	102.6	140	0			
p593		n674		n673	Open ;	4.862
	44	140	0			
p594		n674		n675	Open ;	98.94
	102.6	140	0			
p595		n674		n676	Open ;	6.82
	44	140	0			
p596		n676		n677	Open ;	160.7
	44	140	0			

p597		n678		n679		87.94
	44	140	0			
p598		n678		n680	Open ;	10.21
	45.2	140	0			
p599		n680		n681	Open ;	94
	44	140	0			
p600		n538		n626	Open ;	8.189
	44	140	0			
p601		n626		n682	Open ;	4.536
	26.3	140	0			
p602		n682		n683	Open ;	34.68
	26.3	140	0			
p603		n684		n120	Open ;	5.945
	102.6	140	0			
p604		n120		n685	Open ;	5.986
	102.6	140	0			
p605		n685		n686	Open ;	7.26
	102.6	140	0			
p607		n689		n690	Open ;	11.4
	115.4	140	0			
p608		n690		n691	Open ;	107.2
	45.2	140	0			
p609		n690		n692	Open ;	46.56
	115.4	140	0			
p610		n692		n693	Open ;	81.64
	115.4	140	0			
p611		n692		n694	Open ;	6.893
	81.4	140	0			
p612		n694		n695	Open ;	168.5
	81.4	140	0			
p613		n696		n697	Open ;	6.2
	57	140	0			
p614		n697		n698	Open ;	111.9
	57	140	0			
p615		n693		n699	Open ;	5.506
	115.4	140	0			
p616		n699		n700	Open ;	89.53
	115.4	140	0			
p617		n700		n701	Open ;	85.87
	115.4	140	0			
p618		n701		n702	Open ;	23.14
	102.6	140	0			
p619		n701		n703	Open ;	122.7
	45.2	140	0			
p620		n703		n704	Open ;	117.1
	45.2	140	0			
p622		n706		n707	Open ;	14.52
	45.2	140	0			
p623		n706		n708	Closed ;	17.42
	45.2	140	0			
p624		n708		n709	Open ;	19.94
	45.2	140	0			
p625		n708		n710	Open ;	6.829
	36.2	140	0			
p626		n710		n711	Open ;	69.47
	36.2	140	0			
p627		n712		n713	Open ;	264.8
	57	140	0			
p628		n713		n714	Open ;	11.15
	57	140	0			
p629		n714		n715	Open ;	89.43
	57	140	0			
p630		n713		n716	Open ;	171.3
	57	140	0			
p631		n717		n718	Open ;	88.34
	57	140	0			
p632		n717		n719	Open ;	74.35
	57	140	0			
p633		n719		n720	Open ;	5.414
	57	140	0			

p634		n720		n721		5.01
	57	140	0			
p635		n721		n722	Open ;	150.5
	57	140	0			
p636		n723		n724	Open ;	5.414
	81.4	140	0		Closed ;	
p637		n725		n726		6.586
	81.4	140	0		Open ;	
p638		n726		n724		174.6
	102.6	140	0		Open ;	
p639		n724		n727		140
	102.6	140	0		Open ;	
p640		n728		n729		7.244
	36.2	140	0		Open ;	
p641		n729		n730		147.8
	36.2	140	0		Open ;	
p642		n728		n731		16.69
	102.6	140	0		Open ;	
p643		n699		n732		118.4
	81.4	140	0		Open ;	
p644		n731		n733		24.48
	115.4	140	0		Open ;	
p645		n733		n734		17.38
	115.4	140	0		Open ;	
p646		n734		n735		6.715
	115.4	140	0		Open ;	
p647		n735		n736		5.669
	81.4	140	0		Open ;	
p648		n736		n737		13.17
	81.4	140	0		Open ;	
p649		n737		n738		8.727
	81.4	140	0		Open ;	
p650		n738		n733		8.252
	81.4	140	0		Open ;	
p651		n735		n739		168.3
	115.4	140	0		Open ;	
p652		n740		n741		62.18
	115.4	140	0		Open ;	
p653		n741		n720		18.68
	115.4	140	0		Open ;	
p654		n737		n742		144.3
	81.4	140	0		Open ;	
p655		n700		n743		4.956
	81.4	140	0		Open ;	
p656		n743		n744		94.96
	81.4	140	0		Open ;	
p657		n745		n746		55.14
	81.4	140	0		Open ;	
p658		n745		n747		73.31
	81.4	140	0		Open ;	
p659		n747		n748		92.86
	81.4	140	0		Open ;	
p660		n747		n749		155.81
	81.4	140	0		Open ;	
p661		n702		n750		169.8
	102.6	140	0		Open ;	
p662		n751		n752		10.49
	81.4	140	0		Open ;	
p663		n751		n753		23.11
	102.6	140	0		Open ;	
p664		n752		n754		244.8
	81.4	140	0		Open ;	
p665		n755		n756		195.9
	81.4	140	0		Open ;	
p666		n756		n757		13.28
	81.4	140	0		Open ;	
p667		n757		n758		77.69
	81.4	140	0		Open ;	
p668		n758		n759		56.16
	81.4	140	0		Open ;	

p669		n758		n760		5.571
	45.2	140	0		Open ;	
p670		n760		n761		94.25
	45.2	140	0		Open ;	
p671		n762		n763		5.446
	45.2	140	0		Open ;	
p672		n763		n764		153.2
	81.4	140	0		Open ;	
p673		n764		n765		6.248
	81.4	140	0		Open ;	
p674		n765		n766		177.6
	36.2	140	0		Open ;	
p675		n765		n767		166.4
	81.4	140	0		Open ;	
p676		n768		n769		8.366
	57	140	0		Open ;	
p677		n769		n770		224.6
	57	140	0		Open ;	
p678		n768		n771		96.28
	81.4	140	0		Open ;	
p679		n771		n772		14.47
	57	140	0		Open ;	
p680		n772		n773		112.5
	57	140	0		Open ;	
p681		n771		n774		9.536
	81.4	140	0		Open ;	
p682		n774		n757		57.35
	81.4	140	0		Open ;	
p683		n775		n776		207.2
	102.6	140	0		Open ;	
p684		n763		n777		126.8
	81.4	140	0		Open ;	
p685		n777		n778		5.92
	81.4	140	0		Open ;	
p686		n778		n779		6.506
	81.4	140	0		Open ;	
p687		n779		n780		123.1
	81.4	140	0		Open ;	
p688		n780		n781		6.647
	36.2	140	0		Open ;	
p689		n781		n782		322.8
	36.2	140	0		Open ;	
p690		n780		n783		7.842
	81.4	140	0		Open ;	
p691		n783		n759		69.17
	81.4	140	0		Open ;	
p692		n759		n784		186.6
	81.4	140	0		Open ;	
p693		n778		n785		101.6
	102.6	140	0		Open ;	
p694		2		n787		8.215
	115.4	140	0		Open ;	
p695		n787		n788		142
	115.4	140	0		Open ;	
p696		n789		n790		4.943
	115.4	140	0		Open ;	
p697		n790		n741		15.81
	115.4	140	0		Open ;	
p698		n787		n791		6.105
	57	140	0		Open ;	
p699		n791		n792		177
	57	140	0		Open ;	
p700		n792		n793		13.74
	57	140	0		Open ;	
p701		n793		n794		5.509
	81.4	140	0		Open ;	
p702		n793		n795		33.8
	81.4	140	0		Open ;	
p703		n795		n796		4.508
	36.2	140	0		Closed ;	

p704		n795		n797		136.9
	81.4	140	0			
p705		n797		n790	Open ;	25.46
	81.4	140	0			
p706		n703		n798	Open ;	134.4
	45.2	140	0			
p707		n799		n800	Open ;	3.40
	81.4	140	0			
p708		n800		n801	Open ;	127.6
	81.4	140	0			
p709		n101		n143	Open ;	27.91
	115.4	140	0			
p710		n447		n802	Open ;	4.30
	45.2	140	0			
p711		n802		n803	Open ;	3.77
	45.2	140	0			
p712		n803		n460	Open ;	2.81
	45.2	140	0			
p713		n446		n804	Open ;	4.721
	45.2	140	0			
p714		n804		n805	Open ;	4.053
	45.2	140	0			
p715		n805		n455	Open ;	3.20
	45.2	140	0			
p717		n807		n457	Open ;	3.81
	57	140	0			
p718		n448		n809	Open ;	5.37
	67.8	140	0			
p719		n809		n810	Open ;	4.259
	67.8	140	0			
p720		n810		n481	Open ;	7.479
	67.8	140	0			
p721		n811		n812	Open ;	4.83
	115.4	140	0			
p722		n492		n493	Open ;	88.58
	110.2	140	0			
p723		n813		n414	Open ;	64.5
	80	140	0			
p724		n813		n814	Open ;	6.836
	176.2	140	0			
p725		n814		n413	Open ;	15.31
	176.2	140	0			
p726		n413		n815	Open ;	4.208
	176.2	140	0			
p727		n815		n816	Open ;	105.8
	176.2	140	0			
p728		n815		n817	Open ;	5.877
	115.4	140	0			
p729		n621		n622	Open ;	8.80
	110.2	140	0			
p730		n618		n818	Open ;	69.1
	110.2	140	0			
p731		n620		n819	Open ;	66.76
	110.2	140	0			
p732		n820		n618	Open ;	2.925
	115.4	140	0			
p733		n623		n821	Open ;	83.68
	66	140	0			
p734		n630		n822	Open ;	24.7
	44	140	0			
p735		n623		n624	Open ;	92.6
	66	140	0			
p736		n661		n662	Open ;	64.2
	57	140	0			
p737		n144		n145	Open ;	58.74
	110.2	140	0			
p738		n144		n823	Open ;	5.047
	102.6	140	0			
p739		n823		n824	Open ;	8.678
	102.6	140	0			

p740		n492		n826		6.182
	115.4	140	0		Open ;	
p741		n826		n827		24.37
	115.4	140	0		Open ;	
p742		n827		n828		5.699
	115.4	140	0		Open ;	
p743		n828		n829		6.614
	115.4	140	0		Open ;	
p744		n829		n830		28.67
	115.4	140	0		Open ;	
p745		n830		n831		38.27
	110.2	140	0		Open ;	
p746		n831		n830		24.18
	115.4	140	0		Open ;	
p747		n831		n832		49.92
	110.2	140	0		Open ;	
p748		n832		n833		103.4
	110.2	140	0		Open ;	
p749		n833		n834		5.563
	115.4	140	0		Open ;	
p750		n834		n835		21.37
	115.4	140	0		Open ;	
p751		n834		n811		7.805
	115.4	140	0		Open ;	
p752		n811		n836		26.41
	115.4	140	0		Open ;	
p753		n836		n828		5.436
	115.4	140	0		Open ;	
p754		n586		n587		5.107
	57	140	0		Open ;	
p755		n586		n837		258.29
	26.3	140	0		Open ;	
p756		n838		n689		5.976
	115.4	140	0		Open ;	
p757		n459		n460		12.07
	45.2	140	0		Open ;	
p758		n345		n346		4.268
	57	140	0		Open ;	
p759		n565		n566		77.17
	102.6	140	0		Open ;	
p762		n842		n656		8.539
	57	140	0		Open ;	
p763		n843		n417		6.029
	57	140	0		Open ;	
p764		n382		n843		6.767
	57	140	0		Open ;	
p765		n847		n845		13.29
	115.4	140	0		Open ;	
p766		n845		n846		89.89
	115.4	140	0		Open ;	
p767		n817		n847		5.436
	115.4	140	0		Open ;	
p768		n847		n848		89.89
	115.4	140	0		Open ;	
p769		n846		n848		13.39
	115.4	140	0		Open ;	
p770		n686		n849		95.01
	102.6	140	0		Open ;	
p771		n824		n850		53.6
	102.6	140	0		Open ;	
p772		n851		n631		58.28
	36.2	140	0		Open ;	
p773		n852		n851		50.56
	57	140	0		Open ;	
p774		n670		n853		6.067
	44	140	0		Open ;	
p775		n670		n854		7.115
	45.2	140	0		Open ;	
p776		n854		n855		19.29
	45.2	140	0		Open ;	

p777		n884		n857		49.16
	40	140	0			
p778		n857		n678	Open ;	32.02
	44	140	0			
p779		n858		n859	Open ;	132.5
	45.2	140	0			
p781		n860		n861	Open ;	150.7
	81.4	140	0			
p782		n862		n863	Open ;	95.03
	102.6	140	0			
p783		n860		n864	Open ;	3.70
	102.6	140	0			
p784		n40		n860	Open ;	6.177
	81.4	140	0			
p785		n865		n862	Open ;	4.104
	102.6	140	0			
p786		n83		n866	Open ;	62.17
	115.4	140	0			
p787		n867		n92	Open ;	5.686
	102.6	140	0			
p788		n750		n868	Open ;	198.7
	102.6	140	0			
p789		n868		n751	Open ;	225.5
	102.6	140	0			
p790		n744		n745	Open ;	183.55
	81.4	140	0			
p791		n727		n728	Open ;	177.2
	102.6	140	0			
p792		n869		n723	Open ;	216.3
	57	140	0			
p793		n870		n869	Open ;	204.9
	57	140	0			
p794		n722		n870	Open ;	173.8
	81.4	140	0			
p795		n716		n717	Open ;	141.9
	57	140	0			
p796		n695		n705	Open ;	205.1
	81.4	140	0			
p797		n691		n871	Open ;	114.2
	45.2	140	0			
p798		n871		n872	Open ;	150.9
	45.2	140	0			
p799		n872		n707	Open ;	96.41
	45.2	140	0			
p800		n873		n874	Open ;	81.64
	36.2	140	0			
p801		n666		n873	Open ;	96.64
	36.2	140	0			
p802		n667		n875	Open ;	138.8
	44	140	0			
p803		n821		n876	Open ;	108.9
	66	140	0			
p804		n876		n877	Open ;	93.43
	57	140	0			
p805		n659		n660	Open ;	92.18
	57	140	0			
p806		n633		n878	Open ;	130.7
	129.2	140	0			
p807		n878		n634	Open ;	86.08
	129.2	140	0			
p808		n548		n879	Open ;	131
	45.2	140	0			
p809		n879		n549	Open ;	134.4
	45.2	140	0			
p810		n364		n635	Open ;	78.1
	110.2	140	0			
p811		n351		n880	Open ;	86.09
	96.8	140	0			
p812		n348		n349	Open ;	78.09
	96.8	140	0			

p813		n646		n881		210.2
	44	140	0			
p814		n881		n647	Open ;	119.5
	44	140	0			
p815		n672		n882	Open ;	167.4
	96.8	140	0			
p816		n882		n648	Open ;	79.27
	96.8	140	0			
p817		n883		n884	Open ;	146.1
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8		n698		n692	Open ;	5
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9		DipJuniorPark-2		n838	Open ;	5
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LINK	p2011	PVC
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LINK	p2000	PE
LINK	p2006	PE
LINK	p2001	PVC
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LINK	1	ND
LINK	p2008	ND
LINK	10	PVC
LINK	p2013	PVC
LINK	5	PE
LINK	12	PVC
LINK	p2014	PVC
LINK	n2014	PVC
LINK	14	PVC
LINK	15	PVC
LINK	2016	PVC

[

[PATTERNS]

;ID		Multipliers			
;					
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	0.25	0.5			
1		0.7	0.9	1	1.1
	1.2	1.4			
1		1.2	1.1	1	1
	1.2	1.5			
1		1.8	2.1	1.9	1.3
	1.	.6			

[OPTIONS]

Units	LPS
Headloss	H-W
Specific Gravity	1
Viscosity	1
Trials	40
Accuracy	0.001
CHECKFREQ	2
MAXCHECK	10
DAMPLIMIT	0
Unbalanced	Continue 10
Pattern	1
Demand Multiplier	1.0
Emitter Exponent	0.5
Quality	None mg/L
Diffusivity	1
Tolerance	0.01

[COORDINATES]

;Node	X-Coord	Y-Coord
n1	462250.03	4619857.52
n2	462254.32	4619855.04
n3	462310.35	4619797.76
n4	462316.10	4619800.68
n5	462399.40	4619740.11
n6	462505.07	4619686.78
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