

SITE and SEASON	ASPT(fam)	LIFE(fam)	LIFE(mixed)	LIFE(sp)	PSI(fam)	PSI(mixed)	PSI(sp)
0007 Spring	6.5	7.9	8.9	8.9	77.8	94.3	94.8
0101 Spring	6.5	7.6	8.7	8.6	71.9	83.1	84.3
0103 Spring	6.8	8.0	8.8	8.8	78.1	88.4	89.9
0105 Spring	6.7	7.9	8.7	8.7	74.2	83.5	83.3
0107 Spring	6.6	7.8	8.6	8.6	74.6	89.6	84.2
0181 Spring	6.5	7.2	7.9	7.8	62.3	67.9	68.6
0185 Spring	7.2	7.9	8.2	8.2	72.7	83.9	84.5
0201 Spring	5.4	7.0	7.5	7.4	54.0	52.9	51.7
0203 Spring	5.9	7.2	7.8	7.7	55.2	59.4	57.1
0205 Spring	5.8	7.3	8.2	8.0	56.4	63.0	62.6
0207 Spring	5.7	7.2	8.1	7.9	57.1	67.2	68.3
0221 Spring	6.2	7.1	8.4	8.4	61.7	67.9	66.1
0223 Spring	6.1	7.4	8.4	8.4	66.7	87.3	84.7
0225 Spring	6.3	7.9	8.6	8.6	69.2	86.1	83.1
0227 Spring	6.0	7.4	8.5	8.4	66.7	83.6	83.9
0229 Spring	5.9	7.3	8.2	8.1	61.1	71.4	73.2
0231 Spring	5.7	6.9	7.7	7.6	47.2	50.0	50.6
0233 Spring	5.9	7.3	8.4	8.2	59.7	67.4	62.6
0301 Spring	6.5	7.9	8.8	8.8	88.2	92.1	92.9
0303 Spring	6.6	8.3	9.2	9.2	80.9	92.7	93.5
0305 Spring	7.0	8.4	9.3	9.3	88.1	93.4	94.4
0307 Spring	7.0	8.3	8.9	8.9	79.7	91.4	88.6
0309 Spring	6.8	8.0	8.5	8.5	77.8	91.0	89.0
0311 Spring	6.3	8.0	9.0	8.8	68.8	80.8	79.2
0313 Spring	5.0	6.7	7.1	7.1	37.7	45.8	47.7
0381 Spring	6.9	7.8	8.6	8.5	83.8	97.0	97.2
0385 Spring	6.7	7.8	8.8	8.7	66.2	89.2	86.5
0389 Spring	7.0	8.2	8.7	8.7	72.1	83.3	85.4
0393 Spring	6.9	8.1	8.8	8.8	77.3	88.2	86.8
0401 Spring	6.8	7.6	8.3	8.3	67.4	73.1	73.9
0403 Spring	6.3	7.8	8.4	8.4	67.6	77.8	77.2
0405 Spring	6.5	7.7	8.6	8.5	69.7	75.9	76.8
0407 Spring	6.7	7.9	8.6	8.5	71.0	77.6	80.5
0409 Spring	6.4	8.7	8.7	8.7	79.2	88.2	87.1
0411 Spring	6.1	7.6	8.4	8.3	66.7	76.1	77.0
0501 Spring	6.7	8.0	9.1	8.9	77.6	95.5	93.1
0503 Spring	6.5	8.0	9.1	9.0	73.7	85.7	86.3
0505 Spring	6.0	8.0	9.1	9.1	70.4	87.5	86.8
0601 Spring	4.5	7.1	7.6	7.5	58.3	52.0	55.2
0603 Spring	4.9	6.7	7.4	7.1	40.0	42.6	40.3
0605 Spring	5.3	7.4	8.0	7.9	66.0	61.8	65.0
0607 Spring	6.0	7.3	7.8	7.8	57.6	59.7	61.3
0609 Spring	5.7	6.9	7.3	7.1	46.8	53.4	47.7
0610 Spring	5.5	7.5	7.9	7.6	64.4	68.1	66.7
0613 Spring	5.5	7.6	7.8	7.8	58.8	67.6	67.6
0701 Spring	5.6	7.1	8.1	8.1	56.6	66.7	66.7
0703 Spring	6.3	7.3	8.5	8.0	60.4	69.8	62.5
0705 Spring	4.9	6.8	7.8	7.3	44.1	53.7	48.0
0707 Spring	6.1	7.4	8.4	8.0	61.5	71.4	65.5

0709 Spring	5.5	6.6	7.4	7.1	43.8	40.0	41.2
0711 Spring	5.4	7.4	8.3	7.8	58.9	66.1	63.1
0713 Spring	4.7	6.2	6.6	6.5	29.2	25.0	23.3
0771 Spring	5.5	7.4	8.3	8.1	50.8	60.7	60.0
0773 Spring	6.0	7.4	8.2	8.2	63.0	65.3	67.9
0775 Spring	5.6	7.3	8.0	7.7	65.2	52.3	57.1
0781 Spring	5.7	7.6	8.5	8.1	60.7	73.8	66.2
0801 Spring	6.6	7.4	8.0	8.0	74.3	78.8	79.4
0803 Spring	5.9	7.0	7.7	7.4	54.9	59.3	50.0
0805 Spring	5.3	6.9	7.3	7.3	55.2	54.5	56.5
0901 Spring	5.6	7.6	8.1	7.9	63.1	67.1	62.4
0903 Spring	5.9	7.5	8.4	8.1	67.8	75.3	67.8
0905 Spring	5.0	7.2	7.9	7.7	57.1	65.2	60.5
0907 Spring	6.0	7.5	8.1	8.0	60.0	66.7	64.4
0909 Spring	5.6	6.8	7.6	7.4	44.2	51.0	46.0
1001 Spring	5.6	7.3	8.6	8.2	57.6	71.4	66.2
1003 Spring	6.2	7.4	8.5	8.3	65.7	74.7	70.6
1005 Spring	5.1	7.4	8.3	8.2	59.6	70.6	73.2
1007 Spring	6.1	7.3	8.3	8.1	58.5	73.6	71.3
1009 Spring	5.9	7.4	8.0	7.9	56.5	64.3	68.8
1011 Spring	5.6	7.0	7.7	7.4	44.4	47.5	44.7
1013 Spring	5.9	7.2	8.0	7.9	61.8	57.8	60.9
1081 Spring	6.0	7.2	8.4	8.0	57.6	64.0	63.3
1083 Spring	6.4	8.0	8.8	8.7	70.6	86.4	86.9
1101 Spring	6.4	7.6	8.3	8.3	65.6	75.3	73.4
1105 Spring	5.5	7.1	8.0	7.9	55.1	61.0	58.7
1109 Spring	6.3	7.6	8.3	8.3	66.0	72.5	73.6
1111 Spring	5.6	7.1	8.2	7.9	49.1	61.3	60.9
1113 Spring	4.4	6.1	5.9	5.9	16.2	2.4	2.4
1201 Spring	4.3	6.8	7.4	6.8	36.4	38.9	33.3
1203 Spring	5.1	7.1	7.6	7.1	49.1	45.9	40.3
1207 Spring	5.4	7.6	8.2	8.0	61.3	68.3	71.7
1209 Spring	5.1	6.8	7.8	7.8	43.9	65.0	63.5
1301 Spring	6.6	7.7	8.2	8.0	80.0	76.2	76.2
1303 Spring	5.8	7.4	8.1	7.7	54.3	60.0	53.8
1305 Spring	4.9	7.0	7.6	7.3	54.2	53.2	50.8
1307 Spring	5.2	6.9	7.6	7.2	42.4	48.7	44.2
1309 Spring	4.7	7.1	7.9	7.5	48.1	50.0	46.9
1311 Spring	4.8	7.6	7.9	7.7	47.1	57.1	59.0
1403 Spring	5.4	7.0	7.4	7.2	54.8	58.5	53.2
1405 Spring	4.4	6.4	6.8	6.8	33.3	36.4	35.6
1407 Spring	4.1	6.1	6.8	6.5	22.2	28.6	25.0
1409 Spring	5.1	6.0	6.1	6.0	8.3	5.1	4.3
1411 Spring	5.1	6.2	6.9	6.6	25.0	29.8	25.7
1413 Spring	5.0	5.8	6.1	6.0	10.7	8.6	8.6
1501 Spring	6.5	7.8	8.7	8.7	80.0	81.8	82.8
1503 Spring	6.0	7.1	7.9	7.8	50.5	56.0	54.5
1505 Spring	6.2	7.3	8.2	8.0	60.5	69.7	66.7
1601 Spring	6.5	7.9	8.8	8.8	73.1	89.3	90.5
1603 Spring	6.5	7.0	7.5	7.5	55.6	52.6	53.9

1605 Spring	6.4	7.5	8.3	8.3	61.4	70.6	71.4
1607 Spring	6.3	7.3	8.2	8.1	57.6	72.0	71.9
1609 Spring	6.2	7.6	8.2	8.2	65.1	78.8	78.4
1611 Spring	6.4	7.3	8.0	7.8	60.3	67.0	65.7
1701 Spring	6.3	7.3	8.6	8.6	69.0	89.0	89.6
1703 Spring	6.3	7.8	8.8	8.8	71.9	87.9	88.7
1705 Spring	5.5	7.7	8.3	8.3	64.3	80.0	81.3
1707 Spring	6.1	7.5	8.4	8.4	62.1	80.3	81.3
1709 Spring	6.3	8.1	8.9	8.6	73.6	88.2	86.4
1807 Spring	5.2	6.9	7.2	7.1	45.0	43.2	43.2
1809 Spring	4.9	6.1	6.4	6.3	23.5	15.5	15.0
1901 Spring	5.5	7.1	7.7	7.5	44.7	59.0	50.0
1903 Spring	5.4	6.5	7.4	7.2	33.3	46.0	43.1
1907 Spring	4.8	6.5	7.0	6.9	31.3	23.8	28.3
1909 Spring	5.5	7.2	8.1	7.8	51.3	68.1	64.2
2001 Spring	4.9	7.0	7.8	7.8	52.2	65.0	66.7
2003 Spring	5.3	7.7	7.9	7.7	56.4	64.9	61.5
2005 Spring	5.2	6.8	7.4	7.3	42.0	47.2	46.4
2007 Spring	6.3	7.6	8.8	8.6	63.6	76.2	74.7
2009 Spring	5.7	7.6	8.6	8.4	64.7	77.4	77.0
20100001 Spring	6.2	7.1	7.8	7.7	52.2	52.4	52.3
20100003 Spring	6.0	7.1	7.9	7.9	52.5	56.9	59.4
20100601 Spring	6.1	7.7	8.5	8.5	67.4	82.0	85.4
20100603 Spring	6.3	7.2	7.9	7.9	58.2	66.1	68.5
20100701 Spring	6.2	7.4	8.5	8.5	57.7	79.3	80.0
20100703 Spring	6.2	7.6	8.8	8.9	70.7	94.9	95.1
20100801 Spring	6.2	7.8	8.6	8.6	73.0	89.7	95.1
20100901 Spring	6.2	7.8	8.2	8.2	72.2	80.0	80.0
20101001 Spring	5.9	7.1	7.7	7.7	56.5	56.1	56.1
20101101 Spring	5.8	6.7	7.8	7.5	51.6	51.8	51.2
20101201 Spring	5.6	7.3	8.0	7.9	52.0	62.7	67.2
20101203 Spring	5.3	7.1	7.8	7.8	53.8	62.5	66.7
20101301 Spring	6.1	7.2	8.3	8.3	59.6	68.3	73.3
20200001 Spring	6.2	8.0	8.6	8.6	76.2	92.3	93.0
20200501 Spring	5.9	7.8	8.4	8.4	62.9	80.5	80.5
20201001 Spring	5.9	7.5	8.4	8.4	72.1	81.8	86.4
20201101 Spring	6.5	8.3	8.8	8.8	77.8	93.9	93.9
20300001 Spring	5.3	6.7	7.3	7.2	39.5	44.2	47.6
20300003 Spring	5.5	7.8	8.6	8.6	66.7	87.8	87.8
20300601 Spring	5.3	6.8	7.3	7.3	44.8	49.2	49.2
20301101 Spring	4.8	7.4	7.9	7.9	56.8	65.0	66.7
20301401 Spring	4.6	7.1	7.2	7.2	63.6	40.0	40.0
20301601 Spring	5.6	7.0	7.8	7.7	54.2	61.5	63.0
20301603 Spring	5.0	6.7	7.3	7.2	38.2	40.8	42.0
20301801 Spring	5.9	7.4	8.3	8.3	60.4	63.9	66.7
20301901 Spring	5.7	7.0	7.2	7.1	48.8	40.0	41.9
20302101 Spring	5.2	6.8	6.7	6.7	43.1	33.3	35.2
20302201 Spring	5.0	7.4	7.9	7.8	52.3	57.9	62.2
20302301 Spring	6.5	7.8	8.5	8.5	73.5	86.8	87.3
20302701 Spring	5.7	7.4	8.0	8.0	58.2	64.5	67.2

20302901 Spring	5.3	7.4	8.3	8.0	59.3	63.3	64.5
20302903 Spring	6.2	8.0	8.5	8.5	69.4	90.2	90.2
20302905 Spring	5.2	6.5	7.1	7.0	32.1	31.5	34.0
20303001 Spring	6.7	8.2	8.8	8.7	75.9	94.5	94.9
20303101 Spring	5.5	7.0	7.9	7.9	47.2	57.1	53.3
20303401 Spring	5.7	7.1	7.8	7.8	52.6	65.8	68.3
20303403 Spring	4.0	6.1	6.4	6.4	10.5	11.1	12.5
20303405 Spring	5.8	7.5	8.3	8.3	58.5	64.0	68.6
20303801 Spring	6.0	7.6	8.4	8.4	64.7	80.8	84.3
20304101 Spring	5.9	7.9	8.7	8.7	78.4	89.2	89.5
20304201 Spring	6.6	7.8	8.6	8.6	75.5	87.7	88.1
20304501 Spring	5.0	6.5	6.9	6.8	38.9	29.1	31.6
20400001 Spring	5.4	7.2	7.8	7.7	55.4	57.5	63.0
20400003 Spring	6.5	8.0	8.7	8.8	73.5	94.5	95.0
20400201 Spring	6.0	7.8	8.7	8.7	66.7	80.8	86.3
20400301 Spring	5.8	7.5	8.5	8.5	62.0	80.0	78.4
20400701 Spring	6.8	8.2	8.7	8.7	78.7	94.4	95.0
20400901 Spring	6.3	8.1	8.6	8.6	70.7	90.5	90.5
20500001 Spring	5.6	8.3	8.6	8.6	76.3	91.2	91.2
20500101 Spring	6.3	7.9	8.5	8.5	75.0	95.6	95.9
20500501 Spring	4.9	6.3	6.7	6.7	27.3	27.0	28.3
20501301 Spring	5.3	6.8	7.2	7.1	39.3	42.9	43.7
20600001 Spring	5.9	8.0	8.7	8.7	75.0	95.8	96.3
20600501 Spring	5.8	7.3	8.1	8.1	75.0	80.6	81.3
20600901 Spring	6.5	8.3	8.7	8.7	88.0	97.0	97.1
20601301 Spring	5.0	6.9	7.4	7.4	37.3	45.3	46.0
20601701 Spring	6.4	7.9	8.7	8.6	71.2	86.2	86.8
2103 Spring	5.0	6.7	7.5	7.3	41.3	41.2	36.6
2107 Spring	5.1	7.5	8.5	7.9	56.8	65.8	60.0
2109 Spring	4.9	6.9	7.4	7.4	50.0	52.4	52.9
2111 Spring	4.9	6.2	6.5	6.5	26.3	18.8	25.7
2201 Spring	6.4	7.4	8.5	8.4	66.7	82.8	80.6
2203 Spring	6.2	7.6	8.6	8.5	72.1	83.1	84.7
2205 Spring	6.6	7.8	8.7	8.7	72.1	88.0	86.3
2207 Spring	6.0	7.5	8.6	8.6	65.7	68.8	70.1
2209 Spring	5.9	7.1	7.9	7.8	56.5	65.5	65.6
2211 Spring	5.1	7.3	7.9	7.9	52.6	70.6	70.6
2301 Spring	4.7	6.8	7.0	6.6	46.9	34.0	28.6
2303 Spring	5.2	6.6	6.9	6.8	36.1	34.4	36.4
2305 Spring	4.9	6.6	7.3	7.0	33.9	40.7	38.1
2307 Spring	4.9	6.5	7.5	7.2	29.5	45.5	43.9
23501101 Spring	6.8	7.8	8.9	8.8	75.4	87.1	87.3
23600201 Spring	6.5	8.1	8.8	8.8	78.7	86.8	90.7
23600301 Spring	5.6	7.4	7.9	7.8	54.5	71.0	72.7
23600401 Spring	6.0	7.4	8.5	8.5	65.8	83.3	87.2
23600501 Spring	5.7	7.5	8.3	8.3	69.2	80.0	84.1
23600601 Spring	6.3	7.7	8.5	8.4	69.5	83.1	83.6
23600701 Spring	5.8	7.0	7.6	7.5	49.0	47.4	50.9
23600703 Spring	6.1	7.3	8.3	7.9	61.2	64.4	60.2
23600801 Spring	6.1	7.9	9.0	9.0	72.4	90.6	90.7

23600901 Spring	6.2	7.6	8.2	8.2	62.7	72.9	77.6
23601201 Spring	6.6	7.7	8.5	8.5	73.1	82.6	85.1
23601401 Spring	5.8	7.1	7.9	7.8	54.0	64.0	64.7
23601501 Spring	5.1	6.4	6.6	6.4	30.8	22.7	22.7
2401 Spring	6.0	7.4	8.1	8.1	63.6	74.4	73.9
2403 Spring	4.9	6.9	8.1	7.8	51.9	61.9	56.4
2405 Spring	4.9	6.8	7.7	7.4	50.0	47.9	43.4
2409 Spring	4.5	6.0	5.9	5.9	24.1	7.9	6.9
2505 Spring	4.6	7.2	7.9	7.7	54.3	58.3	58.3
2507 Spring	4.3	6.5	7.2	7.2	40.0	37.5	37.5
2509 Spring	4.4	5.9	6.0	6.0	8.6	5.9	5.5
2513 Spring	4.4	6.9	7.1	6.8	36.1	31.4	26.2
2521 Spring	4.5	6.7	7.0	7.0	35.1	31.3	33.3
2523 Spring	4.5	6.0	6.1	6.1	12.8	4.8	4.8
2601 Spring	5.2	7.3	7.8	7.8	57.1	58.0	63.2
2605 Spring	3.6	5.4	5.4	5.5			
2607 Spring	4.7	6.0	6.6	6.4	27.3	17.9	20.3
2609 Spring	4.9	6.3	6.7	6.6	35.4	26.3	24.2
2611 Spring	5.2	6.3	7.0	6.7	37.9	36.8	38.3
2619 Spring	4.8	6.6	7.0	6.9	39.5	31.0	36.7
2621 Spring	5.1	6.5	7.1	7.0	38.5	34.1	37.3
2703 Spring	6.7	7.7	8.9	8.6	68.9	83.3	77.8
2705 Spring	6.2	7.7	8.6	8.6	71.1	86.8	84.1
2707 Spring	7.0	8.0	8.6	8.6	76.4	85.7	84.1
2709 Spring	6.9	7.9	8.8	8.8	84.8	95.0	95.3
2711 Spring	6.1	7.8	8.5	8.5	73.0	84.8	86.8
2713 Spring	6.1	7.7	9.1	9.1	70.2	83.1	84.1
2715 Spring	6.0	7.4	8.5	8.3	58.2	70.3	69.0
2717 Spring	5.9	7.4	8.7	8.5	63.6	77.1	79.2
2719 Spring	5.0	7.0	8.2	8.1	48.9	65.3	64.2
2721 Spring	5.5	7.4	8.0	7.9	55.6	72.9	71.7
2801 Spring	6.8	7.9	9.1	9.1	75.4	93.5	90.9
2815 Spring	4.7	7.0	7.5	7.4	43.8	59.1	60.9
2901 Spring	6.9	8.0	8.8	8.8	77.8	97.5	97.7
2903 Spring	6.3	7.9	8.8	8.8	76.1	88.5	93.1
2905 Spring	6.0	7.0	7.9	7.9	54.2	61.8	69.5
2907 Spring	6.8	8.0	8.5	8.5	72.4	84.1	89.6
2909 Spring	6.5	7.8	8.8	8.7	69.8	82.4	83.8
2911 Spring	6.5	8.1	9.0	9.0	72.2	88.4	89.2
3001 Spring	5.5	8.3	8.8	8.8	75.0	86.8	85.4
3003 Spring	5.8	8.0	8.5	8.5	72.4	85.7	80.0
3005 Spring	6.1	7.8	8.8	8.8	70.4	86.7	81.8
3007 Spring	5.4	7.5	8.2	8.2	55.2	75.0	80.8
3101 Spring	6.0	7.1	8.0	8.0	53.7	72.1	69.6
3103 Spring	4.7	6.0	6.6	6.3	28.1	23.5	21.5
3105 Spring	5.3	6.9	7.4	7.5	51.1	54.7	54.4
3107 Spring	5.5	7.4	8.1	8.1	55.6	68.8	70.6
3109 Spring	5.2	7.0	7.7	7.5	39.0	47.8	46.9
3111 Spring	5.1	6.5	7.1	7.0	25.5	24.1	28.6
3141 Spring	5.9	7.1	8.8	8.8	59.0	84.6	82.9

3144 Spring	5.7	7.2	8.1	8.0	62.8	76.3	75.0
3145 Spring	5.3	7.2	8.7	8.7	61.1	81.8	84.6
3150 Spring	6.4	7.7	8.5	8.4	68.1	83.7	80.8
3151 Spring	5.9	7.8	8.5	8.5	72.0	100.0	90.0
3152 Spring	6.8	8.3	8.8	8.8	76.0	88.9	89.7
3153 Spring	5.9	6.8	8.0	8.0	60.0	88.9	88.9
3157 Spring	5.8	7.3	8.1	7.9	51.5	58.7	59.7
3160 Spring	6.8	8.0	8.7	8.6	77.8	90.3	88.2
3162 Spring	7.0	8.1	9.0	8.9	80.0	96.4	93.5
3163 Spring	5.7	7.7	8.8	8.5	64.8	80.4	77.8
3166 Spring	6.1	7.6	8.6	8.5	61.4	79.4	78.4
3205 Spring	5.8	7.5	8.3	8.3	65.9	86.5	87.3
3207 Spring	6.7	7.6	8.7	8.7	70.0	86.2	86.7
3301 Spring	7.1	8.3	8.6	8.6	84.6	93.5	93.5
3303 Spring	6.9	7.8	9.1	9.1	78.6	91.1	87.5
3305 Spring	6.9	8.6	9.4	9.4	85.1	94.7	92.5
3307 Spring	7.1	8.9	9.2	9.2	85.7	94.1	91.2
3309 Spring	6.0	7.6	8.3	8.3	62.5	80.9	82.0
3311 Spring	5.2	7.0	7.9	7.7	45.1	58.2	55.6
3313 Spring	4.6	6.3	6.9	6.8	7.7	14.3	13.0
3315 Spring	5.0	6.4	6.9	6.8	23.1	22.0	18.3
3317 Spring	4.5	6.1	6.3	6.3	18.9	6.7	11.6
3372 Spring	6.5	7.9	8.8	8.8	73.1	93.4	89.7
3376 Spring	6.0	7.4	8.6	8.6	61.1	84.2	85.7
3381 Spring	6.4	7.5	8.3	8.3	71.4	87.5	84.9
3385 Spring	6.6	7.4	8.1	8.0	68.1	78.4	77.2
3389 Spring	6.8	7.7	8.7	8.7	75.0	87.5	84.7
3391 Spring	6.8	7.6	8.5	8.5	64.4	75.8	76.2
3393 Spring	6.0	7.2	8.3	8.1	57.1	65.7	67.1
3395 Spring	6.5	8.1	9.1	9.0	76.0	91.7	89.2
3397 Spring	5.8	7.4	8.2	8.1	58.9	61.6	62.3
3401 Spring	6.4	7.9	8.8	8.8	82.1	89.7	89.7
3403 Spring	5.1	7.3	8.0	8.0	52.6	70.6	80.0
3405 Spring	6.7	8.1	8.6	8.6	76.7	94.6	94.6
3407 Spring	6.4	8.5	9.0	8.8	80.5	91.8	92.3
3409 Spring	6.6	7.9	8.7	8.7	78.0	91.3	91.5
3413 Spring	5.7	7.6	7.9	7.8	62.2	64.9	67.5
3501 Spring	6.6	8.4	8.8	8.8	82.1	92.6	93.5
3503 Spring	7.1	7.9	8.6	8.6	80.6	91.7	92.1
3505 Spring	6.6	7.9	8.6	8.6	78.6	87.9	88.6
3507 Spring	6.2	8.0	8.5	8.5	79.2	90.0	92.3
3509 Spring	6.0	7.7	8.3	8.3	68.4	90.0	81.8
3511 Spring	6.6	7.8	8.5	8.4	75.6	90.0	87.7
3513 Spring	6.2	7.5	8.3	8.2	62.5	78.9	77.8
3515 Spring	6.4	7.8	8.3	8.3	76.0	85.2	85.2
3581 Spring	6.3	7.7	9.0	9.0	75.0	91.2	92.1
3601 Spring	6.8	7.8	8.5	8.4	75.7	83.7	84.4
3603 Spring	6.5	7.4	8.4	8.3	68.1	75.4	74.2
3605 Spring	6.2	7.4	8.5	8.5	66.7	91.2	87.5
3607 Spring	6.1	7.6	8.5	8.4	61.8	84.6	85.0

3609 Spring	5.5	7.1	8.2	7.8	52.5	62.8	61.7
3701 Spring	6.3	7.5	8.2	8.1	70.0	70.8	72.5
3703 Spring	6.4	8.2	8.8	8.8	80.6	97.0	97.3
3704 Spring	6.1	6.8	7.3	7.3	50.0	50.9	52.6
3705 Spring	6.7	7.9	8.8	8.7	76.9	93.9	94.2
3709 Spring	6.5	7.5	8.3	8.3	58.3	78.4	80.7
3711 Spring	6.2	7.0	7.6	7.4	50.0	53.6	48.4
3713 Spring	5.6	7.2	7.8	7.5	49.0	60.0	55.2
3715 Spring	5.8	7.3	8.2	8.0	58.5	72.5	75.3
3717 Spring	5.5	6.9	7.6	7.5	46.2	57.5	59.8
3781 Spring	6.7	7.8	8.5	8.5	66.7	90.5	92.0
3783 Spring	7.2	7.9	9.1	9.1	76.7	100.0	100.0
3785 Spring	5.8	6.7	7.8	7.6	44.4	54.5	54.5
3791 Spring	6.2	7.4	8.2	8.2	64.3	72.7	75.0
3801 Spring	6.8	7.8	8.9	8.8	77.8	93.0	93.3
3803 Spring	4.9	7.3	8.3	8.2	64.9	82.5	82.9
3805 Spring	6.0	7.7	8.9	8.9	65.4	89.8	90.5
3807 Spring	5.6	7.6	8.6	8.5	62.5	78.2	78.1
3809 Spring	5.7	7.2	8.0	8.0	61.4	69.4	74.0
3903 Spring	6.9	8.2	9.1	9.0	80.0	97.7	93.6
3905 Spring	7.2	8.4	8.8	8.8	84.0	97.1	91.7
3907 Spring	6.5	8.1	8.6	8.6	82.4	97.3	97.5
3909 Spring	6.6	8.2	8.6	8.6	80.0	90.2	91.7
3911 Spring	7.0	7.9	8.8	8.8	76.3	97.8	98.0
3913 Spring	6.5	8.3	8.8	8.8	71.7	96.4	96.8
3915 Spring	5.7	7.8	8.2	8.2	76.9	95.5	95.7
4001 Spring	7.1	7.7	8.7	8.4	78.3	92.0	92.6
4003 Spring	6.5	7.7	8.6	8.3	78.8	91.7	87.8
4005 Spring	6.7	8.0	8.7	8.7	83.3	97.3	97.7
4009 Spring	6.8	7.8	8.3	8.2	67.4	80.4	80.4
4011 Spring	6.1	7.8	8.3	8.3	68.6	84.4	91.9
4013 Spring	7.1	8.1	8.7	8.6	87.1	97.1	97.2
4017 Spring	6.8	8.2	8.8	8.8	82.9	97.4	97.5
4101 Spring	6.8	8.4	9.0	9.0	82.1	100.0	100.0
4103 Spring	6.5	8.4	8.9	8.9	83.8	100.0	95.1
4105 Spring	7.1	8.0	9.0	9.0	77.8	96.2	96.6
4107 Spring	5.8	8.0	8.5	8.5	74.3	90.6	91.7
4109 Spring	6.3	8.0	8.5	8.5	65.0	63.6	63.6
4111 Spring	6.3	7.5	8.9	8.6	62.1	77.4	78.1
4201 Spring	6.4	8.3	9.0	9.0	81.8	93.3	93.9
4203 Spring	6.5	8.0	9.0	8.9	80.6	90.9	91.7
4205 Spring	6.9	7.9	8.8	8.8	76.5	91.9	92.3
4207 Spring	5.8	7.5	8.3	8.3	64.5	82.4	88.2
4209 Spring	6.3	7.7	8.2	8.2	78.4	87.8	88.4
4211 Spring	6.1	8.1	8.6	8.5	79.1	88.4	90.0
4301 Spring	7.1	7.8	8.6	8.6	72.7	87.5	88.5
4303 Spring	6.7	8.1	8.7	8.7	90.0	100.0	100.0
4305 Spring	6.4	7.6	8.6	8.6	73.1	96.2	96.4
4307 Spring	6.8	7.1	7.6	7.5	65.1	57.4	55.7
4309 Spring	6.6	7.9	8.7	8.6	87.5	96.7	96.9

4311 Spring	6.4	7.4	8.5	8.4	67.3	81.0	81.4
4313 Spring	6.6	7.7	8.6	8.6	70.4	91.4	91.4
4381 Spring	6.6	7.4	8.3	8.2	76.3	80.6	82.5
4401 Spring	6.6	7.9	8.8	8.8	70.3	91.9	92.1
4403 Spring	6.5	7.4	8.2	7.9	65.9	73.7	68.7
4405 Spring	6.1	7.0	7.8	7.8	63.3	76.9	79.3
4407 Spring	6.6	7.1	7.9	7.8	54.9	70.1	67.1
4409 Spring	6.4	7.6	8.6	8.6	60.0	79.4	84.4
4601 Spring	5.9	7.4	7.9	7.9	88.9	78.6	79.3
4701 Spring	6.4	7.5	8.5	8.5	68.0	100.0	92.6
4703 Spring	7.0	7.4	8.3	8.3	69.7	87.5	88.6
4705 Spring	6.3	7.5	8.1	8.1	79.4	85.7	88.4
4707 Spring	6.5	7.6	8.6	8.6	71.8	88.1	90.0
4801 Spring	6.8	8.1	8.6	8.6	90.0	97.0	97.1
4803 Spring	6.4	7.7	8.1	8.1	73.5	88.9	89.6
4805 Spring	6.6	8.1	8.6	8.6	78.0	93.2	94.0
4807 Spring	6.5	7.6	8.4	8.4	69.8	82.1	82.1
4881 Spring	5.5	6.9	8.1	7.9	59.5	65.7	66.7
4885 Spring	5.9	7.0	8.0	7.8	59.6	67.3	66.0
4901 Spring	6.6	7.8	8.8	8.8	78.0	95.8	95.9
4903 Spring	6.3	8.0	8.9	8.9	75.0	90.7	91.3
4905 Spring	6.4	7.8	9.2	9.1	72.9	89.8	90.6
4907 Spring	6.4	7.2	8.4	8.4	57.1	77.2	77.6
4909 Spring	6.3	7.7	8.3	8.3	70.6	90.2	90.7
4911 Spring	6.1	7.5	8.3	8.3	62.5	81.4	83.1
4913 Spring	6.4	7.6	8.5	8.5	68.6	87.9	88.9
4915 Spring	5.2	7.3	7.8	7.8	45.5	64.3	65.9
4917 Spring	5.5	7.4	8.2	8.2	60.0	74.4	76.1
4971 Spring	6.1	7.8	9.0	9.0	68.8	80.5	82.5
4975 Spring	6.0	7.5	8.6	8.6	63.0	74.7	75.8
4979 Spring	5.0	6.8	8.1	7.8	42.4	51.3	51.1
4983 Spring	5.5	7.0	8.3	8.1	47.5	57.7	59.8
4987 Spring	5.6	7.6	8.5	8.4	60.7	68.3	68.3
4991 Spring	5.8	7.5	8.9	8.8	61.1	69.0	67.7
4995 Spring	4.8	7.1	8.0	7.9	46.0	57.7	57.8
5001 Spring	6.7	7.9	9.0	8.6	74.1	86.9	83.3
5003 Spring	6.5	7.6	8.7	8.6	67.1	82.3	79.3
5005 Spring	6.5	7.6	8.6	8.6	68.2	84.0	82.8
5007 Spring	6.0	7.1	8.1	7.8	53.5	62.1	61.3
5009 Spring	5.7	7.1	8.2	8.2	55.6	68.5	68.7
5101 Spring	5.9	7.2	8.2	8.1	46.2	68.8	66.2
5103 Spring	5.6	7.2	7.7	7.5	49.0	62.3	55.7
5105 Spring	5.7	7.3	8.0	7.8	51.6	60.3	60.8
5107 Spring	5.8	7.3	7.7	7.6	50.8	58.0	55.8
5109 Spring	6.2	7.3	7.8	7.6	53.8	55.1	54.1
5183 Spring	4.9	6.6	7.5	7.2	32.2	44.7	40.0
5201 Spring	6.5	8.1	9.1	8.9	69.1	87.8	88.0
5203 Spring	4.8	6.8	7.9	7.8	43.9	59.5	61.5
5207 Spring	4.1	5.8	5.7	5.6	5.1	2.6	2.1
5301 Spring	6.5	7.1	7.5	7.3	52.1	48.1	48.2

5303 Spring	6.5	7.6	8.0	8.0	60.0	72.5	74.2
5305 Spring	7.2	7.4	8.0	8.0	71.9	68.6	74.3
5307 Spring	6.7	7.5	7.8	7.8	71.4	66.2	68.5
5309 Spring	6.0	6.4	7.2	7.0	41.5	39.6	38.9
5381 Spring	6.4	7.5	8.0	8.0	68.0	90.9	92.0
5383 Spring	6.5	7.5	8.1	8.0	61.5	65.7	67.6
5385 Spring	6.3	7.5	7.9	7.9	55.9	58.1	60.6
5401 Spring	4.7	6.3	6.4	6.3	25.9	16.4	14.5
5403 Spring	4.4	6.2	6.4	6.2	23.8	10.4	12.8
5405 Spring	4.5	6.1	6.1	6.0	21.6	5.1	10.6
5407 Spring	4.8	6.6	6.9	6.7	28.6	20.0	22.4
5501 Spring	4.4	6.0	6.4	6.3	26.1	18.5	17.5
5503 Spring	5.0	7.3	7.5	7.3	54.5	56.4	55.6
5505 Spring	5.0	6.6	7.1	6.9	31.6	38.5	35.2
5507 Spring	5.0	6.5	7.1	7.1	40.6	43.7	42.5
5509 Spring	4.7	6.5	6.7	6.7	30.0	28.8	34.7
5601 Spring	7.2	8.0	8.8	8.7	83.9	89.9	90.2
5603 Spring	7.2	7.7	8.9	8.8	76.3	85.1	85.7
5605 Spring	6.9	7.8	8.6	8.6	73.1	84.8	81.6
5607 Spring	6.0	7.4	8.1	7.9	50.0	63.9	61.8
5609 Spring	5.5	6.7	7.2	7.1	37.8	40.4	40.0
5613 Spring	6.9	7.4	8.3	8.3	74.5	93.9	94.4
5615 Spring	6.7	7.8	8.8	8.8	75.6	93.8	94.5
5617 Spring	6.6	7.5	8.5	8.4	70.0	86.1	86.7
5619 Spring	6.6	7.8	8.5	8.5	75.6	82.5	83.6
5621 Spring	5.6	7.1	7.6	7.5	45.5	54.0	58.6
5623 Spring	5.3	6.9	7.5	7.3	34.0	46.8	43.5
5671 Spring	6.7	7.8	8.8	8.4	66.2	80.2	73.9
5673 Spring	6.8	7.8	8.8	8.7	71.6	79.7	79.5
5675 Spring	6.6	7.6	8.8	8.8	71.4	83.1	81.3
5677 Spring	6.5	7.5	8.3	8.1	61.2	69.4	64.8
5681 Spring	7.0	8.2	9.0	9.0	75.0	88.9	89.2
5691 Spring	6.9	8.1	9.0	9.0	73.2	95.7	92.3
5693 Spring	6.6	8.2	8.6	8.6	79.6	87.8	86.0
5695 Spring	5.8	7.5	8.0	7.9	58.3	67.6	67.3
5697 Spring	6.2	7.4	7.8	7.6	62.0	57.6	55.7
5701 Spring	6.6	7.6	8.8	8.8	72.3	87.9	88.5
5703 Spring	6.7	7.7	8.7	8.6	76.0	88.7	88.9
5705 Spring	6.9	7.8	8.7	8.7	76.2	96.0	96.1
5707 Spring	6.7	7.8	8.5	8.5	72.1	89.7	93.1
5709 Spring	6.8	7.9	8.6	8.6	73.2	87.3	88.9
5711 Spring	6.3	8.1	8.8	8.8	69.6	86.3	87.3
5713 Spring	6.4	8.0	8.7	8.7	79.1	83.7	86.3
5715 Spring	6.1	7.9	8.5	8.5	78.6	88.0	88.9
5717 Spring	6.8	7.9	8.7	8.7	74.6	85.3	84.0
5801 Spring	6.6	7.4	8.9	8.7	65.6	77.2	77.2
5803 Spring	6.5	7.3	8.4	8.2	59.2	68.3	64.5
5805 Spring	6.3	7.2	8.6	8.4	55.2	66.7	63.9
5841 Spring	5.4	7.1	8.3	8.3	59.3	80.8	81.5
5844 Spring	5.9	7.2	8.6	8.2	60.0	82.1	74.3

5845 Spring	5.4	6.9	8.3	8.0	55.0	67.9	58.8
5848 Spring	6.9	7.7	8.6	8.5	65.9	88.0	92.0
5850 Spring	7.3	8.5	9.0	8.9	84.9	96.8	93.9
5851 Spring	6.6	8.0	8.6	8.6	69.2	89.8	92.0
5852 Spring	6.3	7.5	8.5	8.4	77.5	83.8	89.2
5854 Spring	5.9	7.2	8.1	8.1	55.0	70.5	70.5
5855 Spring	6.3	7.3	7.7	7.4	47.8	47.5	41.7
5856 Spring	5.1	6.5	6.6	6.5	37.3	21.4	21.9
5861 Spring	6.3	7.9	8.5	8.5	69.8	78.6	80.0
5864 Spring	4.9	7.1	7.6	7.5	43.5	44.2	48.9
5881 Spring	6.4	7.5	8.5	8.4	70.1	71.6	73.8
5887 Spring	6.2	7.5	8.6	8.6	63.2	80.0	79.5
5891 Spring	6.3	7.8	8.6	8.5	64.8	78.2	77.4
5895 Spring	6.5	7.3	8.2	8.2	56.1	64.0	68.0
5901 Spring	6.7	7.6	8.2	8.2	68.9	72.5	73.2
5903 Spring	6.0	7.7	8.1	8.1	64.0	78.3	78.9
5905 Spring	6.3	7.2	8.0	8.0	64.5	66.2	68.7
6001 Spring	4.8	7.1	7.5	7.0	45.9	35.5	31.6
6005 Spring	5.6	7.2	7.4	7.1	47.7	52.4	48.1
6009 Spring	4.5	6.2	6.6	6.3	26.5	24.1	20.5
6101 Spring	5.2	6.5	7.0	6.8	40.5	30.9	29.8
6103 Spring	4.8	6.0	6.8	6.7	34.9	33.3	35.6
6105 Spring	4.8	6.0	6.3	6.2	22.6	19.3	19.3
6107 Spring	5.0	6.0	6.5	6.4	29.6	20.4	23.5
6109 Spring	4.9	5.9	5.8	5.8	17.5	8.8	8.1
6111 Spring	4.7	5.7	5.8	5.7	13.7	6.1	6.1
6201 Spring	5.4	6.9	7.5	7.0	40.7	31.6	22.2
6213 Spring	4.8	5.9	6.0	6.0	17.9	14.3	14.0
6215 Spring	5.2	6.3	6.7	6.7	19.6	29.5	29.5
6242 Spring	4.8	6.5	6.8	6.7	40.6	25.0	25.0
6258 Spring	5.4	6.5	7.1	6.9	26.1	9.1	8.3
6259 Spring	4.7	6.0	6.5	6.2	17.6	11.4	8.9
6261 Spring	4.9	5.5	5.4	5.4	11.8	6.3	6.1
6264 Spring	5.5	6.4	7.2	6.9	37.2	40.8	37.0
6265 Spring	4.7	5.5	5.7	5.7	10.2	1.7	1.6
6285 Spring	4.5	6.6	6.8	6.7	35.3	31.3	26.3
6289 Spring	5.9	6.6	7.1	7.0	41.9	35.9	36.7
6293 Spring	4.6	5.5	5.7	5.7	14.7	3.2	3.2
6381 Spring	5.5	7.3	8.4	8.2	67.6	79.2	76.7
6405 Spring	5.2	6.9	7.3	7.1	45.5	36.4	36.0
6409 Spring	5.4	7.2	7.7	7.4	54.7	56.1	52.5
6413 Spring	4.9	6.5	7.0	6.8	29.2	31.9	29.4
6417 Spring	4.2	5.8	6.0	5.9	6.7	2.2	2.0
6501 Spring	6.2	8.0	8.8	8.6	73.5	80.3	78.8
6615 Spring	6.0	6.6	7.3	7.0	22.7	29.5	26.0
6691 Spring	6.1	8.0	8.8	8.7	68.8	78.7	79.6
6693 Spring	6.4	8.2	9.0	8.6	76.6	85.1	79.2
6701 Spring	6.7	7.8	8.8	8.7	72.4	79.4	81.1
6801 Spring	5.7	7.6	8.3	8.1	55.6	65.1	65.1
6811 Spring	5.4	6.2	6.7	6.6	31.1	29.3	28.6

6840 Spring	6.4	7.8	8.4	8.4	61.5	80.4	78.3
6841 Spring	4.7	6.2	6.6	6.4	36.4	19.0	16.3
6844 Spring	5.8	7.0	8.4	7.9	62.5	76.5	65.9
6845 Spring	5.6	7.4	7.6	7.6	52.1	47.8	47.8
6847 Spring	4.8	6.3	6.6	6.4	26.5	18.6	17.0
6848 Spring	5.9	7.7	8.2	7.9	57.1	72.7	63.4
6849 Spring	6.1	7.2	8.3	8.2	50.0	62.7	59.4
6856 Spring	5.8	7.3	7.9	7.8	59.7	61.8	63.8
6857 Spring	4.7	6.0	6.3	6.1	17.2	11.4	13.2
6858 Spring	4.9	6.6	7.3	7.0	29.4	31.6	34.8
6862 Spring	5.3	6.5	6.6	6.4	25.9	14.3	15.7
6863 Spring	5.9	7.4	7.8	7.6	55.7	54.9	57.0
6911 Spring	5.7	6.5	6.9	6.9	32.8	35.4	34.1
6913 Spring	5.3	6.3	6.6	6.6	20.4	18.2	16.0
6915 Spring	5.4	5.9	5.8	5.7	13.2		
6917 Spring	5.3	6.3	6.4	6.3	19.7	17.1	17.1
6919 Spring	5.6	6.0	6.3	6.2	21.1	22.8	19.6
6921 Spring	5.3	6.4	6.5	6.5	9.4	14.7	14.3
6981 Spring	4.2	5.8	6.5	6.4	19.6	17.2	17.2
6985 Spring	5.0	6.6	7.1	7.0	32.8	40.3	41.5
6993 Spring	5.2	6.6	6.9	6.7	34.4	24.2	20.0
7001 Spring	6.9	7.9	8.6	8.6	88.9	96.6	96.8
7104 Spring	5.2	6.9	7.4	7.1	46.8	40.0	35.4
7107 Spring	6.1	7.3	8.4	8.1	56.0	60.8	60.3
7110 Spring	6.0	7.3	8.0	7.8	52.3	63.0	57.3
7113 Spring	6.0	7.1	8.2	8.1	48.6	61.8	60.2
7116 Spring	5.7	6.9	7.8	7.5	53.4	55.4	49.4
7119 Spring	5.3	7.0	8.0	7.7	52.5	54.5	51.3
7122 Spring	5.3	6.6	7.1	7.0	34.5	36.5	33.3
7127 Spring	4.7	6.0	6.3	6.4	9.3	6.5	8.5
7143 Spring	4.8	6.4	7.1	6.9	35.8	36.1	33.7
7145 Spring	5.1	6.7	7.3	7.0	44.1	40.6	34.7
7149 Spring	5.5	6.6	7.7	7.2	45.7	41.7	37.0
7153 Spring	5.8	7.0	8.1	8.1	53.6	47.5	47.0
7189 Spring	5.8	7.1	7.7	7.5	53.2	46.2	41.5
7192 Spring	6.5	7.0	7.7	7.5	51.7	55.6	51.7
7195 Spring	5.7	7.2	7.8	7.8	59.1	61.0	65.9
7205 Spring	6.9	7.4	7.4	7.4	71.1	62.5	62.5
7217 Spring	6.6	7.5	7.9	7.9	62.1	74.2	75.8
7305 Spring	7.1	7.7	8.3	8.3	80.0	91.3	92.6
7311 Spring	6.6	7.2	8.0	8.0	63.2	71.7	74.0
7405 Spring	6.6	7.4	7.8	7.9	67.4	61.5	66.7
7413 Spring	6.4	7.6	7.8	7.8	55.9	62.2	67.6
7417 Spring	6.2	7.4	8.7	8.4	62.7	80.4	76.6
7505 Spring	6.4	7.6	8.5	8.4	78.9	87.8	93.0
7511 Spring	7.0	7.7	9.0	8.9	74.6	93.0	93.8
7605 Spring	6.8	7.8	9.0	9.0	73.8	91.9	93.5
7611 Spring	7.3	7.7	8.4	8.4	77.8	88.6	89.7
7705 Spring	7.0	8.2	8.7	8.7	84.4	95.6	95.8
8205 Spring	6.5	8.0	9.0	8.8	82.0	92.2	93.0

8209 Spring	6.8	8.5	9.1	9.1	81.4	92.6	90.2
8213 Spring	6.3	7.6	8.6	8.6	70.3	89.8	86.5
8217 Spring	6.0	7.6	8.2	8.1	59.6	71.6	68.9
8221 Spring	5.2	7.1	7.7	7.4	48.6	42.4	41.0
8281 Spring	6.5	8.1	8.8	8.8	80.0	85.7	81.8
8285 Spring	6.7	7.5	8.4	8.4	63.5	67.2	65.7
8289 Spring	6.3	7.7	8.5	8.4	69.0	76.9	71.1
8305 Spring	5.4	7.5	8.2	7.7	59.5	57.9	52.1
8309 Spring	5.4	7.0	7.7	7.5	50.9	52.7	47.7
8313 Spring	4.8	5.8	6.2	6.0	8.9	10.7	9.1
8317 Spring	4.5	6.0	6.1	6.0	13.0	7.7	7.0
8421 Spring	5.9	7.1	7.8	7.7	51.4	60.2	58.0
8425 Spring	5.6	7.1	7.6	7.3	47.1	51.3	48.8
8429 Spring	5.8	7.1	7.7	7.5	46.2	52.6	50.0
8505 Spring	4.8	7.1	7.5	7.3	49.0	52.5	48.1
8509 Spring	5.2	7.2	7.5	7.4	46.2	46.9	45.6
8513 Spring	6.0	7.4	7.9	7.8	57.1	59.7	58.5
8517 Spring	5.2	6.8	7.3	7.2	45.6	49.1	46.8
8521 Spring	5.4	7.2	7.8	7.7	42.6	52.6	53.4
8605 Spring	6.6	8.0	9.1	8.9	74.2	92.5	93.2
8609 Spring	7.0	8.4	8.9	8.9	77.0	93.9	92.2
8613 Spring	6.8	7.8	8.4	8.3	68.6	76.0	77.8
8705 Spring	6.5	7.4	8.5	8.5	72.9	81.4	82.5
8709 Spring	7.1	7.7	8.5	8.5	78.0	86.9	87.5
8713 Spring	6.2	8.1	8.6	8.4	72.5	79.6	79.0
8805 Spring	6.3	7.6	8.7	8.4	66.7	72.1	69.1
8809 Spring	6.5	7.8	8.8	8.6	74.6	82.7	83.3
8905 Spring	6.4	8.3	8.9	8.9	80.6	93.8	95.2
8909 Spring	6.6	7.3	8.4	8.3	70.6	81.5	85.7
8913 Spring	6.3	7.1	8.4	8.2	57.1	68.9	67.7
8921 Spring	6.7	7.7	8.8	8.8	76.9	97.3	97.8
8925 Spring	6.9	7.8	8.6	8.6	83.7	93.5	93.8
9009 Spring	6.3	7.6	8.5	8.4	62.1	71.6	73.2
9105 Spring	5.1	7.1	7.7	7.6	54.3	57.1	59.2
9109 Spring	4.9	6.8	7.3	7.1	47.5	39.4	44.4
9113 Spring	4.5	5.2	5.7	5.6	17.2	7.5	7.1
9121 Spring	5.0	7.0	7.6	7.5	46.9	51.9	52.7
9205 Spring	6.5	7.9	9.4	9.4	72.7	100.0	94.5
9481 Spring	6.9	7.6	8.5	8.5	80.0	90.5	90.9
9485 Spring	6.7	7.6	8.4	8.4	64.3	85.9	89.7
9581 Spring	6.7	7.5	8.6	8.6	75.7	88.4	88.6
9585 Spring	6.9	7.4	8.3	8.2	62.7	72.2	73.2
9603 Spring	6.2	7.4	8.1	8.1	62.1	81.5	81.5
9607 Spring	6.1	7.7	8.5	8.5	65.2	83.7	80.8
9611 Spring	6.3	7.8	8.8	8.8	71.4	90.5	88.6
9615 Spring	5.8	7.5	8.2	8.1	63.3	69.8	72.5
9703 Spring	6.4	7.6	8.4	8.4	68.1	80.7	83.6
9711 Spring	6.0	8.1	8.5	8.5	73.6	81.0	84.4
9903 Spring	6.7	7.7	8.4	8.4	75.0	85.5	86.6
AN02 Spring	5.9	6.9	7.8	7.4	51.0	62.5	58.6

AN03 Spring	4.6	5.5	5.4	5.4	15.4		
AN04 Spring	4.6	5.6	5.7	5.6	8.3	6.5	7.0
AN05 Spring	4.5	5.7	5.7	5.7	12.9	4.2	3.9
AN06 Spring	5.5	7.1	8.1	7.9	52.2	57.9	54.8
AN07 Spring	5.8	7.4	8.3	8.2	61.0	64.7	64.9
AN08 Spring	5.6	7.3	8.1	8.0	52.7	59.5	58.7
AN09 Spring	4.9	6.7	8.2	7.9	37.5	48.3	54.5
CL02 Spring	6.6	7.7	8.5	8.5	71.1	84.1	81.6
CL04 Spring	6.4	7.9	8.5	8.5	67.4	85.4	83.7
CL05 Spring	6.5	7.9	8.9	8.9	89.5	100.0	100.0
FO01 Spring	5.0	7.6	8.3	8.3	64.3	74.4	75.6
FO02 Spring	6.0	7.3	8.1	8.1	60.0	72.5	69.0
FO03 Spring	5.8	7.9	9.0	8.9	78.1	96.7	96.8
HI01 Spring	6.7	8.2	8.5	8.5	77.3	95.8	96.4
HI02 Spring	7.5	8.1	8.6	8.6	88.9	96.4	96.4
HI03 Spring	7.3	7.6	9.0	8.9	91.7	100.0	100.0
HI04 Spring	6.6	8.0	8.6	8.6	82.1	96.8	97.2
HI05 Spring	6.1	7.1	8.5	8.2	64.5	77.4	78.8
HI06 Spring	6.6	7.5	8.5	8.5	78.6	78.6	79.3
HI07 Spring	6.3	7.6	8.4	8.3	64.9	86.0	86.7
HI08 Spring	7.3	8.2	8.6	8.6	89.2	95.1	95.5
HI09 Spring	6.9	7.9	8.8	8.8	78.6	92.1	94.3
HI10 Spring	6.5	7.8	8.6	8.5	73.8	91.5	92.0
NE01 Spring	6.7	8.3	9.1	9.1	76.4	88.7	90.0
NE02 Spring	6.4	8.1	8.6	8.5	72.2	85.4	83.0
NE03 Spring	5.9	8.1	9.1	9.1	78.7	88.0	89.1
NE05 Spring	5.9	8.1	9.4	9.4	70.0	91.1	95.6
NE06 Spring	6.7	7.8	8.8	8.8	73.6	90.6	91.4
NH01 Spring	5.6	6.9	7.8	7.6	55.1	53.4	53.7
NH02 Spring	5.9	6.8	7.8	7.8	56.8	59.6	63.5
NH03 Spring	5.2	7.4	7.9	7.9	59.4	78.4	78.9
NH04 Spring	5.1	7.0	8.0	7.8	46.8	63.2	61.0
NH05 Spring	6.5	7.9	9.0	9.0	76.1	92.6	96.4
NH06 Spring	6.3	7.7	8.7	8.5	65.4	89.4	84.2
NH07 Spring	6.1	7.5	8.6	8.6	72.4	91.3	92.3
NH09 Spring	6.4	8.1	9.1	9.0	80.9	91.3	92.3
NI_1 Spring	6.7	7.9	9.0	9.0	77.1	92.1	92.4
NI_10 Spring	6.6	7.9	8.6	8.5	75.0	89.1	92.6
NI_11 Spring	6.5	7.8	8.6	8.6	74.4	89.4	90.4
NI_12 Spring	6.7	7.9	8.7	8.6	79.5	91.8	92.3
NI_13 Spring	6.6	8.4	8.6	8.6	80.0	97.2	97.4
NI_14 Spring	6.7	7.9	8.7	8.6	70.9	87.7	91.8
NI_15 Spring	6.4	7.8	8.8	8.8	68.7	83.8	86.7
NI_16 Spring	6.9	8.0	8.8	8.8	74.5	95.1	92.5
NI_17 Spring	5.7	7.6	8.1	8.2	69.4	85.4	86.0
NI_18 Spring	6.0	8.0	8.8	8.8	70.2	88.9	93.8
NI_19 Spring	5.8	7.9	8.4	8.4	68.0	89.1	86.7
NI_2 Spring	6.7	8.0	8.6	8.6	84.2	82.5	87.8
NI_20 Spring	5.9	7.6	8.5	8.5	68.1	87.3	91.1
NI_21 Spring	6.3	7.7	8.5	8.5	66.0	86.3	85.5

NI_22 Spring	6.3	7.7	8.4	8.4	78.8	92.9	93.3
NI_23 Spring	6.0	7.5	8.3	8.3	61.5	79.6	80.8
NI_24 Spring	5.7	7.2	8.1	8.0	58.0	81.0	75.0
NI_25 Spring	6.2	7.8	8.3	8.3	71.1	87.5	84.3
NI_26 Spring	5.9	7.7	8.9	8.9	64.6	91.3	92.3
NI_27 Spring	5.8	7.5	8.2	8.2	64.7	75.5	78.7
NI_28 Spring	6.4	7.9	8.8	8.8	73.9	95.7	95.9
NI_29 Spring	5.7	7.7	8.4	8.4	73.1	85.2	85.7
NI_3 Spring	6.0	7.5	8.4	8.4	64.0	84.0	88.2
NI_30 Spring	6.0	8.0	8.6	8.6	71.4	86.0	87.0
NI_31 Spring	6.6	7.7	8.3	8.3	81.5	100.0	100.0
NI_32 Spring	5.5	7.3	8.1	8.1	51.0	70.7	71.4
NI_33 Spring	5.9	7.6	8.3	8.3	59.1	79.5	80.0
NI_34 Spring	6.4	7.9	8.6	8.6	76.6	94.1	94.6
NI_35 Spring	6.2	7.8	8.6	8.6	73.3	87.2	87.5
NI_36 Spring	6.5	7.6	8.5	8.4	75.0	84.4	84.8
NI_37 Spring	5.5	7.5	8.0	7.6	65.4	73.0	61.8
NI_38 Spring	6.4	8.1	8.7	8.7	76.9	91.4	92.3
NI_39 Spring	5.9	7.6	8.5	8.5	61.9	87.5	91.5
NI_4 Spring	6.1	7.7	8.8	8.8	63.3	87.5	88.2
NI_40 Spring	6.6	7.5	8.3	8.3	69.2	86.0	90.9
NI_5 Spring	6.5	7.8	8.6	8.6	72.7	87.2	88.1
NI_6 Spring	6.5	8.0	8.8	8.8	75.6	90.9	91.9
NI_7 Spring	7.2	8.2	8.5	8.5	92.0	100.0	100.0
NI_8 Spring	6.5	7.6	8.3	8.3	77.3	85.7	89.1
NI_9 Spring	6.8	8.1	8.3	8.3	78.1	90.2	90.5
NW01 Spring	6.3	7.6	8.6	8.6	58.1	84.6	84.6
NW02 Spring	6.8	7.9	8.8	8.8	68.2	90.2	86.8
NW03 Spring	6.5	7.6	8.9	8.8	65.7	84.2	84.6
NW04 Spring	5.7	7.3	8.2	8.2	62.3	70.5	73.0
NW05 Spring	6.2	7.7	8.7	8.7	68.9	76.9	74.7
NW06 Spring	5.8	7.9	9.0	8.8	66.7	76.4	76.5
NW07 Spring	5.6	7.3	8.3	8.3	54.2	65.7	66.7
SEPA_E01 Spring	6.8	7.8	8.6	8.6	83.3	91.8	92.5
SEPA_E02 Spring	7.7	8.6	9.0	9.0	95.7	100.0	100.0
SEPA_E03 Spring	6.7	7.7	8.2	8.2	68.9	82.9	83.7
SEPA_E04 Spring	7.2	8.5	8.8	8.8	83.3	95.0	95.2
SEPA_E05 Spring	6.7	8.1	8.7	8.7	78.8	89.7	90.3
SEPA_E06 Spring	7.0	7.9	8.4	8.4	71.4	91.4	91.5
SEPA_E07 Spring	7.1	8.1	8.7	8.7	78.6	94.0	94.0
SEPA_E08 Spring	6.7	7.9	8.5	8.5	73.3	88.0	88.2
SEPA_E09 Spring	7.0	8.0	8.6	8.6	85.4	93.9	94.5
SEPA_E10 Spring	6.8	7.7	8.5	8.5	70.8	88.8	88.3
SEPA_N01 Spring	4.8	6.9	7.6	7.4	50.0	62.5	62.5
SEPA_N03 Spring	5.1	7.6	8.4	8.3	72.7	100.0	100.0
SEPA_N04 Spring	5.6	7.9	9.1	9.0	88.0	100.0	100.0
SEPA_N05 Spring	4.3	7.1	7.8	7.9	55.6	64.3	76.9
SEPA_N06 Spring	4.8	7.4	8.5	8.4	63.2	53.8	57.1
SEPA_N07 Spring	5.8	7.2	7.6	7.3	67.6	73.3	67.6
SEPA_N08 Spring	5.9	7.6	8.6	8.6	75.0	88.9	88.9

SEPA_N09 Spring	5.3	7.2	8.5	8.5	75.0	80.0	80.0
SEPA_N10 Spring	5.5	7.3	8.2	8.1	78.6	88.9	90.0
SEPA_N11 Spring	6.3	7.4	8.1	8.1	69.0	71.9	73.5
SEPA_N12 Spring	6.0	7.6	8.5	8.5	65.1	85.7	90.2
SEPA_N13 Spring	5.7	7.5	7.9	7.9	58.8	87.5	87.5
SEPA_N14 Spring	6.6	7.7	8.7	8.7	68.4	84.2	80.0
SEPA_N15 Spring	6.5	7.6	8.4	8.3	81.0	88.2	89.5
SEPA_N16 Spring	6.2	7.6	8.5	8.4	75.7	85.3	85.7
SEPA_N17 Spring	5.9	7.5	8.1	8.1	63.2	75.0	79.1
SEPA_N18 Spring	6.1	7.2	8.1	8.1	62.5	78.3	86.4
SEPA_N19 Spring	6.6	8.4	8.9	8.9	90.3	88.6	88.9
SEPA_N20 Spring	6.3	7.7	8.2	8.2	82.1	87.5	87.9
SEPA_N21 Spring	5.9	7.5	8.8	8.7	74.4	83.3	90.0
SEPA_N22 Spring	6.1	7.5	8.4	8.4	80.0	93.8	94.7
SEPA_N23 Spring	6.5	7.8	8.5	8.5	74.3	85.1	85.7
SEPA_N24 Spring	5.9	7.3	8.4	8.4	61.5	76.2	79.7
SEPA_N25 Spring	6.2	7.7	8.6	8.6	65.0	83.7	85.1
SEPA_N26 Spring	6.0	7.7	8.7	8.7	65.1	85.7	93.2
SEPA_N27 Spring	6.6	7.9	8.5	8.5	75.0	91.5	91.8
SEPA_N28 Spring	7.0	8.3	8.6	8.6	87.5	86.5	87.5
SEPA_N29 Spring	6.0	7.6	8.4	8.4	68.8	75.0	86.2
SEPA_N30 Spring	5.8	7.5	8.1	8.1	64.9	72.2	81.8
SEPA_N31 Spring	5.8	8.0	9.0	8.9	80.0	92.0	100.0
SEPA_N32 Spring	6.6	8.3	8.8	8.8	84.0	100.0	100.0
SEPA_N33 Spring	6.2	7.3	8.3	8.3	60.0	72.7	81.4
SEPA_N34 Spring	5.9	7.7	8.5	8.5	81.8	91.3	100.0
SEPA_N35 Spring	6.1	8.2	8.9	9.0	74.2	88.9	96.0
SEPA_N36 Spring	6.3	8.5	8.7	8.7	83.3	100.0	100.0
SEPA_N37 Spring	5.8	8.0	8.5	8.5	85.0	100.0	100.0
SEPA_N39 Spring	5.9	7.4	8.5	8.5	64.5	80.8	92.6
SEPA_N40 Spring	6.2	7.4	7.8	7.8	73.1	78.6	80.0
SEPA_N41 Spring	6.3	7.8	8.8	8.8	75.9	92.0	92.6
SEPA_N42 Spring	6.6	7.3	8.6	8.6	65.4	82.1	92.0
SEPA_N43 Spring	5.9	7.9	8.5	8.5	68.2	95.0	95.5
SEPA_N44 Spring	7.2	7.6	8.6	8.6	73.9	92.0	92.3
SEPA_N45 Spring	7.6	7.9	8.6	8.6	76.5	95.3	95.3
SEPA_N46 Spring	7.1	7.6	8.1	8.1	66.7	78.1	78.8
SEPA_N47 Spring	4.8	6.8	7.9	7.9	66.7	72.7	84.2
SEPA_N48 Spring	7.3	7.8	8.1	8.1	78.6	79.3	80.6
SEPA_N49 Spring	6.1	7.7	8.3	8.3	66.7	84.6	89.5
SEPA_N50 Spring	6.3	7.6	8.9	8.9	84.4	100.0	100.0
SEPA_N52 Spring	7.1	7.5	8.5	8.5	83.3	89.5	90.0
SEPA_N53 Spring	7.2	8.1	8.5	8.5	78.6	91.7	91.7
SEPA_N54 Spring	7.3	7.8	8.2	8.2	78.7	81.0	81.5
SEPA_N55 Spring	6.8	7.9	8.0	8.0	76.6	73.6	78.2
SEPA_N56 Spring	5.5	7.1	6.4	6.4	47.8	20.0	22.2
SEPA_N57 Spring	6.1	7.4	8.3	8.3	65.8	80.0	85.7
SEPA_N58 Spring	6.6	7.6	8.9	8.9	66.7	85.2	85.2
SEPA_N59 Spring	7.1	8.2	9.0	9.0	82.8	94.6	95.3
SEPA_N60 Spring	5.9	7.6	8.7	8.7	75.9	87.5	93.5

SEPA_N61 Spring	6.1	7.0	8.1	8.1	58.8	76.3	85.3
SEPA_N62 Spring	6.3	7.5	8.3	8.3	67.9	87.1	87.5
SEPA_N64 Spring	6.6	8.4	8.9	8.9	87.5	100.0	100.0
SEPA_N65 Spring	7.0	8.1	8.6	8.6	82.8	96.7	97.1
SEPA_N66 Spring	6.8	7.9	8.6	8.6	77.8	93.6	94.1
SEPA_N67 Spring	6.6	8.1	9.0	8.9	79.5	95.2	96.1
SEPA_N68 Spring	6.7	8.3	8.9	8.9	80.0	100.0	100.0
SEPA_W01 Spring	6.8	7.9	8.4	8.4	73.0	79.1	80.0
SEPA_W02 Spring	6.4	7.5	8.0	8.0	72.2	80.0	76.7
SEPA_W03 Spring	6.1	7.7	8.5	8.5	69.6	85.1	89.6
SEPA_W04 Spring	6.4	7.7	8.3	8.3	64.4	75.4	76.1
SEPA_W05 Spring	7.0	8.2	8.7	8.7	82.4	94.3	94.3
SEPA_W06 Spring	6.5	8.2	8.4	8.4	88.0	93.1	93.5
SEPA_W07 Spring	6.7	7.8	8.6	8.6	80.8	96.2	96.6
SEPA_W08 Spring	7.1	7.8	8.8	8.7	87.5	97.6	93.8
SEPA_W09 Spring	6.7	7.8	8.6	8.6	80.0	94.9	95.1
SEPA_W10 Spring	6.2	7.7	8.4	8.4	72.7	87.9	84.6
SEPA_W11 Spring	6.5	8.0	8.4	8.4	87.1	86.1	86.1
SEPA_W12 Spring	6.8	8.2	8.6	8.6	83.3	96.0	96.3
SEPA_W13 Spring	6.0	7.1	8.0	8.0	65.4	75.0	83.3
SEPA_W15 Spring	6.3	7.3	8.1	8.1	71.4	85.7	86.4
SEPA_W16 Spring	7.1	8.2	8.8	8.8	84.3	94.4	95.1
SEPA_W17 Spring	6.7	7.9	8.8	8.8	80.0	94.7	94.7
SEPA_W18 Spring	7.3	8.0	8.5	8.5	73.9	85.2	85.2
SEPA_W19 Spring	6.7	8.3	8.8	8.7	89.3	100.0	100.0
SEPA_W20 Spring	6.6	8.1	8.7	8.6	77.4	93.9	94.7
SEPA_W21 Spring	6.5	8.3	8.8	8.7	83.9	93.5	94.6
SEPA_W22 Spring	6.4	7.7	8.1	8.1	72.7	72.2	75.0
SEPA_W23 Spring	6.4	7.5	8.6	8.6	75.0	82.9	89.2
SEPA_W24 Spring	7.4	7.7	8.9	8.9	81.8	97.0	97.1
SEPA_W25 Spring	6.8	7.7	8.8	8.8	84.0	100.0	100.0
SEPA_W26 Spring	6.3	7.6	8.5	8.5	71.4	78.8	84.2
SEPA_W27 Spring	6.6	7.9	8.6	8.6	79.2	96.3	96.4
SEPA_W28 Spring	7.0	8.2	8.8	8.8	84.6	97.4	97.8
SEPA_W29 Spring	6.3	7.5	8.7	8.6	80.0	89.7	90.3
SEPA_W30 Spring	7.0	8.1	8.9	8.9	86.2	100.0	100.0
SEPA_W31 Spring	6.4	8.0	9.0	8.9	86.7	100.0	100.0
SEPA_W32 Spring	6.6	8.0	9.0	9.0	77.8	100.0	100.0
SEPA_W33 Spring	6.1	7.7	8.8	8.7	76.3	100.0	100.0
SEPA_W34 Spring	6.8	7.9	8.6	8.5	83.8	88.9	89.4
SEPA_W35 Spring	6.9	8.4	9.0	9.0	89.3	100.0	100.0
SEPA_W36 Spring	6.4	8.0	8.9	8.8	80.6	100.0	100.0
SEPA_W37 Spring	7.2	8.4	8.9	8.9	83.3	100.0	100.0
SEPA_W38 Spring	6.3	7.6	8.6	8.6	70.3	91.4	91.9
SN01 Spring	4.0	6.9	7.0	6.7	36.8	32.4	26.8
SN02 Spring	5.9	6.8	7.7	7.6	37.8	42.9	38.5
SO01 Spring	6.2	7.7	8.5	8.5	72.0	81.1	83.6
SO02 Spring	6.5	7.7	9.1	9.1	67.2	81.5	83.5
SO03 Spring	6.6	7.9	8.5	8.5	75.0	92.1	92.3
ST01 Spring	7.2	8.1	9.0	8.9	87.0	93.6	90.9

ST02 Spring	5.9	7.8	8.4	8.2	61.5	71.1	69.0
ST03 Spring	6.5	8.4	8.7	8.7	78.3	84.4	88.4
ST04 Spring	6.5	7.5	8.3	8.4	61.4	68.9	69.2
ST05 Spring	6.8	7.7	8.6	8.5	71.2	84.6	86.2
ST06 Spring	6.0	7.6	8.6	8.3	67.3	75.7	74.0
ST07 Spring	6.7	7.7	8.5	8.4	66.7	81.5	82.8
SW01 Spring	6.6	7.8	8.5	8.5	72.5	89.5	89.7
SW02 Spring	6.0	7.5	8.7	8.7	72.0	83.7	88.5
SW04 Spring	6.4	7.6	8.3	8.2	67.2	76.5	77.5
SW05 Spring	6.1	7.6	9.1	8.9	74.1	88.5	89.1
SW06 Spring	5.9	7.6	8.4	8.4	59.6	77.8	83.3
SW07 Spring	6.8	7.9	8.8	8.7	77.6	86.4	90.2
SW08 Spring	6.3	7.8	8.6	8.6	76.9	84.1	88.9
SW09 Spring	5.7	7.1	7.8	7.5	50.8	54.7	51.6
TA01 Spring	6.5	7.7	8.3	8.3	68.9	74.0	73.6
TA02 Spring	7.0	8.0	9.0	8.9	79.4	87.5	88.1
TA03 Spring	6.7	8.1	8.8	8.8	78.9	90.0	90.5
TA04 Spring	6.7	7.8	8.5	8.5	69.8	85.0	82.3
TA05 Spring	6.9	8.1	9.0	9.0	81.6	89.1	89.6
TA06 Spring	6.1	7.6	8.9	8.9	62.7	81.3	81.3
TA07 Spring	5.5	7.8	8.6	8.6	65.9	80.6	76.3
TA08 Spring	5.3	7.8	8.5	8.5	61.1	79.3	76.7
TH01 Spring	5.6	7.0	7.6	7.4	45.3	52.6	51.2
TH02 Spring	5.8	6.8	7.3	7.3	46.3	42.4	44.2
TH03 Spring	5.3	7.9	7.9	7.8	59.7	62.3	60.8
TH04 Spring	4.7	7.1	7.3	7.2	52.2	52.5	45.8
TH05 Spring	5.9	7.3	8.1	7.9	54.7	62.0	58.2
TH06 Spring	5.5	7.4	8.2	8.2	71.9	74.1	80.8
TH07 Spring	5.2	6.7	7.3	7.2	38.5	44.4	44.7
TH08 Spring	5.8	7.2	7.9	7.7	54.5	58.3	57.1
TW02 Spring	6.9	8.4	8.9	8.8	86.0	95.2	95.6
TW03 Spring	6.3	7.8	8.7	8.7	73.3	89.6	90.2
WE01 Spring	6.8	7.9	8.2	8.2	81.3	76.3	76.3
WE03 Spring	6.8	7.9	8.8	8.7	74.0	93.3	90.8
WE04 Spring	5.9	7.0	7.8	7.7	54.2	61.8	62.3
WE05 Spring	5.6	7.6	8.4	8.4	69.4	85.7	86.1
0007 Summer	6.1	7.9	8.4	8.4	80.0	96.3	96.6
0101 Summer	6.4	8.1	8.6	8.6	79.2	84.3	85.5
0103 Summer	5.9	7.9	8.8	8.8	76.1	89.4	91.2
0105 Summer	6.4	7.7	8.7	8.7	70.0	79.6	76.3
0107 Summer	6.0	7.7	8.3	8.3	77.3	90.0	87.7
0181 Summer	6.8	7.4	8.0	7.9	64.2	73.0	74.2
0185 Summer	6.7	7.7	8.3	8.3	65.8	82.4	83.3
0201 Summer	4.8	6.6	7.3	7.2	42.9	46.0	42.4
0203 Summer	5.6	7.7	8.3	8.0	62.7	68.4	65.6
0205 Summer	6.0	7.2	7.6	7.4	48.5	52.1	47.1
0207 Summer	5.6	7.7	8.1	7.9	63.8	69.7	67.1
0221 Summer	5.8	6.9	8.0	8.1	55.0	73.3	72.3
0223 Summer	6.0	7.5	8.4	8.4	70.2	92.9	89.6
0225 Summer	6.0	7.7	8.2	8.3	67.9	75.0	77.6

0227 Summer	5.7	7.7	8.4	8.3	63.0	80.7	81.0
0229 Summer	6.1	7.6	8.7	8.5	63.4	74.4	73.1
0231 Summer	5.6	6.9	7.5	7.4	41.3	53.0	51.6
0233 Summer	6.0	7.3	8.2	8.1	60.0	70.6	71.4
0301 Summer	6.3	7.8	8.6	8.6	84.6	91.2	92.3
0303 Summer	6.1	7.8	9.3	9.3	73.0	89.1	92.5
0305 Summer	6.5	8.2	9.2	9.2	80.0	92.9	90.8
0307 Summer	5.9	8.0	8.7	8.7	76.4	86.9	85.1
0309 Summer	5.7	8.1	8.6	8.6	77.3	87.5	84.1
0311 Summer	6.4	8.6	8.7	8.7	70.0	84.2	81.5
0313 Summer	5.0	5.8	6.2	6.2	21.3	20.3	21.2
0381 Summer	6.8	7.8	8.1	8.0	66.7	71.4	75.0
0385 Summer	6.5	7.6	8.6	8.6	62.3	81.4	86.6
0389 Summer	6.6	7.9	8.6	8.7	64.2	84.3	83.1
0393 Summer	6.7	7.9	8.5	8.5	73.7	87.7	87.7
0401 Summer	6.3	7.8	8.4	8.4	70.6	75.0	71.4
0403 Summer	5.9	7.4	8.3	8.3	60.0	75.0	71.4
0405 Summer	6.1	7.7	8.5	8.5	67.2	81.5	80.2
0407 Summer	5.4	8.1	8.3	8.3	67.4	82.1	80.0
0409 Summer	5.5	8.5	8.9	8.8	78.0	88.9	87.2
0411 Summer	6.1	7.6	8.3	8.0	63.5	76.9	73.0
0501 Summer	6.9	8.3	8.8	8.8	73.9	89.5	87.2
0503 Summer	6.1	7.8	8.8	8.7	64.3	81.8	81.2
0505 Summer	6.2	7.9	9.1	9.2	82.4	88.9	90.3
0601 Summer	4.7	6.9	7.3	7.2	53.2	48.6	45.8
0603 Summer	5.2	6.8	8.0	7.8	51.9	62.7	63.8
0605 Summer	5.9	7.1	7.7	7.6	53.7	54.2	53.3
0607 Summer	5.8	7.5	8.4	8.3	66.7	73.2	75.3
0609 Summer	5.8	7.3	7.8	7.6	50.8	55.1	54.1
0610 Summer	5.6	7.3	8.0	7.7	52.6	65.2	62.8
0613 Summer	5.7	7.4	8.0	8.0	59.3	69.6	71.2
0701 Summer	6.0	7.2	8.2	8.2	48.2	52.9	56.3
0703 Summer	6.1	7.4	8.0	7.7	59.5	65.0	60.9
0705 Summer	5.1	6.9	7.5	7.2	45.1	47.3	44.8
0707 Summer	5.8	7.7	8.4	8.1	65.9	71.4	73.3
0709 Summer	5.3	6.6	7.2	7.0	45.5	42.9	45.9
0711 Summer	5.7	7.8	8.8	8.5	63.0	70.4	73.0
0713 Summer	4.3	6.6	6.9	6.8	25.0	27.3	27.3
0771 Summer	5.3	6.8	7.9	7.7	45.3	54.2	53.8
0773 Summer	5.8	7.4	7.9	7.9	57.4	53.1	55.8
0775 Summer	5.6	7.2	7.8	7.6	49.1	42.1	45.0
0781 Summer	5.0	6.7	7.4	7.1	40.7	47.2	44.3
0801 Summer	6.2	7.5	7.7	7.7	61.3	65.5	71.4
0803 Summer	5.8	7.1	7.5	7.5	51.2	52.3	55.2
0805 Summer	5.8	7.1	7.5	7.4	47.7	51.4	52.1
0901 Summer	4.8	7.7	8.0	7.7	64.0	61.4	59.1
0903 Summer	5.6	7.7	8.5	8.2	68.9	71.8	66.7
0905 Summer	4.8	7.1	7.8	7.6	50.8	58.1	51.5
0907 Summer	5.9	7.5	8.3	8.0	57.0	63.0	61.0
0909 Summer	5.2	6.8	7.4	7.3	43.6	49.0	46.0

1001 Summer	5.7	7.3	8.6	8.2	57.6	75.4	66.7
1003 Summer	5.6	7.3	8.4	8.5	65.6	74.5	75.9
1005 Summer	5.2	7.2	8.2	8.1	58.6	62.5	62.7
1007 Summer	6.3	8.3	8.8	8.5	76.0	80.0	78.2
1009 Summer	6.0	7.8	8.4	8.4	60.9	62.5	66.7
1011 Summer	5.4	7.0	7.4	7.3	47.6	42.3	43.4
1013 Summer	5.3	6.8	7.5	7.5	48.4	53.7	55.7
1081 Summer	5.4	7.0	8.4	7.9	41.5	58.8	52.4
1083 Summer	6.2	7.5	8.3	8.2	58.9	70.0	68.5
1101 Summer	6.0	7.4	8.1	8.1	63.3	72.5	75.0
1105 Summer	4.5	7.0	8.0	7.8	42.5	54.1	52.5
1109 Summer	5.2	7.2	7.8	7.8	48.8	57.4	60.0
1111 Summer	4.9	6.8	7.6	7.6	42.9	48.6	53.7
1113 Summer	4.6	5.5	5.8	5.7	8.5	5.3	5.1
1201 Summer	4.7	6.9	7.6	7.2	34.9	46.9	33.3
1203 Summer	4.9	6.7	7.5	7.1	41.0	46.3	42.3
1207 Summer	5.0	8.0	8.4	8.3	57.6	64.9	69.0
1209 Summer	5.1	7.1	7.3	7.2	38.3	41.0	44.6
1301 Summer	5.7	7.3	7.8	7.8	56.6	60.5	60.0
1303 Summer	4.9	7.4	7.8	7.5	51.4	48.0	48.0
1305 Summer	4.9	6.7	7.2	6.9	41.9	41.0	39.1
1307 Summer	4.7	7.4	7.8	7.4	48.7	50.0	53.8
1309 Summer	6.0	7.5	7.9	7.8	61.8	66.7	73.8
1311 Summer	4.7	7.1	7.6	7.5	47.7	51.0	59.3
1403 Summer	4.8	6.6	6.6	6.6	41.3	31.7	29.7
1405 Summer	4.4	6.5	7.0	6.9	40.0	43.1	39.7
1407 Summer	4.5	6.5	7.1	6.5	32.0	30.4	30.6
1409 Summer	4.6	5.9	5.9	5.9	8.3	2.6	2.3
1411 Summer	5.1	6.1	6.5	6.4	27.3	21.3	26.0
1413 Summer	5.0	5.9	6.1	6.1	12.7	6.1	8.3
1501 Summer	6.5	7.5	8.3	8.4	71.4	77.8	76.3
1503 Summer	5.7	6.8	7.7	7.4	45.8	50.4	48.9
1505 Summer	6.5	7.7	8.7	8.6	65.0	75.8	75.5
1601 Summer	6.3	7.5	8.2	8.2	74.3	79.5	81.0
1603 Summer	6.0	6.7	7.3	7.2	50.0	44.6	42.6
1605 Summer	6.6	7.7	8.3	8.2	66.7	76.1	72.5
1607 Summer	6.3	7.6	8.3	8.1	64.6	78.4	75.5
1609 Summer	6.1	7.6	8.0	8.0	63.5	67.9	69.1
1611 Summer	6.5	7.4	8.0	7.8	63.6	66.7	66.1
1701 Summer	5.9	7.3	8.6	8.6	68.1	80.8	82.5
1703 Summer	6.1	7.9	8.7	8.7	75.5	91.1	91.9
1705 Summer	5.2	7.6	8.1	8.2	64.2	77.8	81.3
1707 Summer	5.6	7.6	8.3	8.3	59.0	76.2	78.9
1709 Summer	5.3	7.5	8.2	8.2	56.9	72.5	72.4
1807 Summer	4.5	6.8	7.3	7.3	39.4	51.7	51.7
1809 Summer	4.0	5.8	6.2	6.1	14.3	6.1	5.8
1901 Summer	5.0	6.9	7.6	7.2	34.1	38.7	32.6
1903 Summer	4.7	6.9	7.5	7.3	35.6	38.6	46.2
1907 Summer	4.5	6.9	7.4	7.3	44.1	53.7	52.3
1909 Summer	4.8	7.5	7.8	7.6	60.6	70.6	69.2

2001 Summer	4.9	7.0	8.1	7.5	46.7	57.1	51.6
2003 Summer	5.2	7.0	7.7	7.6	46.2	58.3	58.3
2005 Summer	5.0	6.2	6.6	6.6	31.9	22.2	23.6
2007 Summer	5.9	7.2	7.9	7.8	54.9	60.3	61.8
2009 Summer	5.0	6.9	8.0	8.0	58.1	62.5	64.4
20100001 Summer	5.8	7.5	8.2	8.1	63.9	66.7	65.8
20100003 Summer	5.6	6.9	7.5	7.3	46.6	51.4	51.4
20100601 Summer	6.2	8.1	8.6	8.6	77.5	94.4	94.4
20100603 Summer	5.5	7.1	7.9	7.8	52.7	57.1	58.0
20100701 Summer	5.6	7.8	8.6	8.6	63.8	81.8	83.0
20100703 Summer	5.9	8.3	8.7	8.7	71.9	88.9	90.3
20100801 Summer	5.9	8.3	8.9	8.9	82.9	93.9	94.7
20100901 Summer	6.2	7.7	8.5	8.5	71.7	83.7	84.0
20101001 Summer	5.3	6.9	7.6	7.7	53.1	63.2	70.0
20101101 Summer	5.7	6.9	7.9	7.6	57.7	57.6	54.3
20101201 Summer	5.0	7.1	7.8	7.7	46.7	56.4	59.5
20101203 Summer	5.6	7.2	7.8	7.8	54.5	57.6	61.0
20101301 Summer	5.8	7.3	7.7	7.6	61.4	58.8	58.9
20200001 Summer	5.6	7.9	8.4	8.4	67.6	86.5	86.8
20200501 Summer	5.8	8.1	8.9	8.9	75.8	93.3	93.9
20201001 Summer	5.7	7.5	8.5	8.5	65.5	77.8	81.5
20201101 Summer	6.1	8.0	8.5	8.5	86.7	93.5	94.3
20300001 Summer	5.6	7.5	8.0	7.9	61.4	69.6	73.3
20300003 Summer	6.2	8.0	8.3	8.3	76.6	80.4	80.4
20300601 Summer	5.0	6.8	7.3	7.3	46.7	57.1	60.0
20301101 Summer	5.7	7.3	8.4	8.3	59.3	71.6	72.5
20301401 Summer	5.4	6.2	6.8	6.7	28.6	21.8	21.8
20301601 Summer	5.0	7.3	7.8	7.7	50.0	62.9	64.9
20301603 Summer	5.1	7.0	7.4	7.3	45.2	47.1	50.0
20301801 Summer	5.0	7.6	8.3	8.1	58.7	70.0	74.6
20301901 Summer	4.8	7.0	7.4	7.4	48.3	45.8	53.2
20302101 Summer	4.8	6.8	7.0	6.9	30.8	30.3	32.4
20302201 Summer	5.0	7.1	8.2	8.1	49.1	58.0	63.3
20302301 Summer	5.8	7.5	8.3	8.3	62.1	76.7	80.6
20302701 Summer	5.5	7.6	8.8	8.8	59.5	81.8	85.7
20302901 Summer	5.5	7.5	8.4	8.3	68.8	80.0	81.5
20302903 Summer	5.5	7.2	7.3	7.3	51.9	60.0	61.9
20302905 Summer	4.3	5.7	6.3	6.2	18.5	16.7	15.8
20303001 Summer	6.0	7.7	8.3	8.0	66.7	82.7	73.8
20303101 Summer	4.7	6.6	7.3	7.2	36.1	45.7	44.7
20303401 Summer	6.4	8.4	8.8	8.8	74.4	85.7	85.7
20303403 Summer	4.3	6.0	6.4	6.4	3.6	12.0	12.0
20303405 Summer	5.8	7.8	8.2	8.1	62.2	67.5	68.3
20303801 Summer	5.7	7.8	8.7	8.7	69.0	75.5	76.8
20304101 Summer	5.8	7.7	8.8	8.8	62.7	74.3	77.0
20304201 Summer	6.0	7.4	8.4	8.4	71.4	81.1	83.1
20304501 Summer	5.2	6.2	6.9	6.7	29.2	33.8	32.9
20400001 Summer	5.4	7.3	8.0	7.9	55.1	61.0	66.1
20400003 Summer	5.7	7.7	8.5	8.3	69.0	86.1	88.6
20400201 Summer	5.6	7.7	8.3	7.9	62.2	81.1	72.1

20400301 Summer	5.6	7.4	8.3	8.3	66.0	80.0	81.8
20400701 Summer	5.8	7.8	8.3	8.3	70.6	93.9	94.6
20400901 Summer	6.0	8.2	8.8	8.8	71.8	89.5	90.7
20500001 Summer	6.1	8.3	8.7	8.7	78.4	92.5	93.0
20500101 Summer	5.8	7.4	8.7	8.7	61.7	84.3	85.2
20500501 Summer	5.3	6.3	6.6	6.5	26.8	26.4	25.7
20501301 Summer	4.7	6.8	7.0	6.9	34.8	40.0	40.0
20600001 Summer	6.3	7.9	8.0	8.0	83.3	100.0	100.0
20600501 Summer	6.3	7.2	8.1	8.1	63.8	76.5	76.9
20600901 Summer	5.8	7.7	8.3	8.3	79.2	95.0	95.0
20601301 Summer	5.2	6.5	6.7	6.6	32.3	34.1	34.1
20601701 Summer	6.4	7.3	7.8	7.8	63.2	76.2	76.2
2103 Summer	5.0	6.4	7.5	7.3	44.6	45.9	44.9
2107 Summer	5.4	6.8	7.9	7.5	54.7	59.6	55.0
2109 Summer	4.9	6.1	6.6	6.5	25.4	25.4	23.8
2111 Summer	4.4	5.7	5.9	5.9	11.4	6.7	6.4
2201 Summer	6.2	7.8	8.7	8.7	66.7	86.8	84.1
2203 Summer	5.7	7.7	8.9	8.6	66.2	81.3	72.5
2205 Summer	6.0	7.6	8.5	8.5	60.6	81.5	80.6
2207 Summer	5.8	7.8	8.9	8.9	72.9	86.1	84.1
2209 Summer	5.5	7.9	8.5	8.1	71.1	77.1	72.4
2211 Summer	4.7	7.6	7.9	7.9	66.7	73.3	80.0
2301 Summer	4.1	6.1	6.4	6.3	36.0	22.9	22.4
2303 Summer	4.5	6.3	6.8	6.4	27.9	21.0	19.6
2305 Summer	4.8	6.5	7.5	7.2	42.6	47.7	46.9
2307 Summer	5.0	7.3	8.5	8.0	58.3	66.0	63.3
23501101 Summer	6.5	7.9	8.5	8.5	78.7	88.2	88.5
23600201 Summer	5.5	7.5	8.1	8.1	58.5	71.1	76.9
23600301 Summer	5.5	7.4	8.1	8.1	55.8	65.0	71.1
23600401 Summer	6.1	7.5	8.4	8.4	70.0	85.3	85.3
23600501 Summer	5.5	7.1	7.6	7.7	57.4	61.2	65.3
23600601 Summer	5.5	7.7	8.3	8.0	61.7	70.7	69.6
23600701 Summer	5.7	7.0	7.9	7.7	60.8	60.3	63.8
23600703 Summer	5.3	7.2	7.9	7.8	56.1	58.9	62.3
23600801 Summer	5.6	8.3	8.9	8.9	88.1	90.5	91.7
23600901 Summer	5.9	7.3	7.9	7.9	61.1	66.0	72.7
23601201 Summer	6.2	8.0	8.5	8.5	81.6	89.5	90.2
23601401 Summer	5.2	7.2	7.4	7.4	51.0	46.3	52.7
23601501 Summer	4.6	5.9	6.1	6.0	24.1	10.9	14.9
2401 Summer	5.8	7.4	8.6	8.2	64.2	75.6	64.8
2403 Summer	5.1	6.9	8.1	8.0	46.0	55.1	50.8
2405 Summer	5.4	6.8	7.7	7.5	43.6	50.9	46.7
2409 Summer	4.6	5.8	5.9	5.9	20.9	8.3	10.0
2505 Summer	4.9	7.1	7.8	7.7	51.5	62.5	63.6
2507 Summer	4.5	7.3	7.7	7.7	65.6	66.7	66.7
2509 Summer	4.3	5.9	5.9	5.9	10.2	4.2	4.2
2513 Summer	4.1	6.8	7.0	7.0	36.7	35.7	40.7
2521 Summer	4.6	7.0	7.2	7.2	34.7	45.8	46.9
2523 Summer	4.4	6.0	6.0	6.0	14.9	6.7	6.6
2601 Summer	5.3	7.5	7.8	7.6	51.9	56.8	52.4

2605 Summer	4.3	6.3	6.6	6.5	27.8	23.0	25.4
2607 Summer	4.0	6.8	7.1	7.0	34.5	31.3	36.8
2609 Summer	4.8	6.3	6.6	6.6	22.4	17.6	20.0
2611 Summer	5.1	6.9	7.9	7.5	54.5	58.6	57.9
2619 Summer	4.8	6.5	6.9	6.7	35.8	29.6	32.2
2621 Summer	5.6	6.9	7.4	7.2	45.9	43.8	43.4
2703 Summer	6.6	7.7	8.8	8.5	77.4	85.2	80.3
2705 Summer	5.3	7.9	8.5	8.5	63.0	76.9	75.5
2707 Summer	5.9	8.2	8.7	8.7	80.0	90.0	88.5
2709 Summer	6.7	8.0	8.3	8.3	75.0	86.4	86.4
2711 Summer	6.3	8.1	8.5	8.5	70.3	81.3	77.1
2713 Summer	5.6	7.1	8.1	7.9	54.4	62.6	62.6
2715 Summer	4.9	6.9	7.1	7.1	42.5	47.5	48.8
2717 Summer	6.1	7.3	7.9	7.9	59.7	65.7	68.1
2719 Summer	6.2	8.6	8.8	8.8	91.2	96.9	90.2
2721 Summer	5.4	7.5	8.3	8.0	55.6	67.9	66.2
2801 Summer	6.4	8.0	8.9	8.7	79.7	87.5	83.8
2815 Summer	4.4	5.9	6.4	6.3	19.3	15.7	15.7
2901 Summer	6.7	7.9	8.7	8.7	77.3	90.0	90.7
2903 Summer	6.4	7.8	8.2	8.2	71.8	72.5	81.8
2905 Summer	5.6	7.1	7.6	7.6	52.4	60.5	73.8
2907 Summer	6.2	8.0	8.3	8.3	69.2	80.4	86.4
2909 Summer	5.9	8.2	8.3	8.3	76.9	87.2	88.0
2911 Summer	5.6	7.6	7.8	7.8	64.3	62.7	66.7
3001 Summer	5.8	7.9	8.6	8.6	78.4	91.2	90.5
3003 Summer	6.0	8.4	8.5	8.5	85.7	89.3	85.3
3005 Summer	5.3	7.6	8.0	8.0	61.9	73.0	73.7
3007 Summer	5.4	7.7	8.0	8.0	69.7	84.8	80.0
3101 Summer	6.4	7.3	8.3	8.3	58.0	69.8	73.6
3103 Summer	4.8	6.4	7.1	6.8	35.4	35.7	32.3
3105 Summer	5.6	6.8	7.5	7.2	51.4	33.3	37.8
3107 Summer	5.9	7.3	7.9	7.8	53.3	51.9	53.7
3109 Summer	5.1	6.8	7.5	7.5	46.2	51.2	59.6
3111 Summer	5.9	7.1	7.7	7.5	48.1	47.8	46.0
3141 Summer	5.5	7.0	9.0	8.6	65.8	83.3	65.9
3144 Summer	4.0	6.7	8.5	7.7	50.0	58.3	61.5
3145 Summer	5.8	7.3	8.5	8.5	71.8	92.0	87.5
3150 Summer	6.3	7.9	8.4	8.4	82.9	86.7	88.9
3151 Summer	5.2	7.4	8.1	8.1	61.1	84.6	75.0
3152 Summer	7.0	8.3	8.4	8.4	87.5	81.5	82.8
3153 Summer	6.1	7.6	8.4	8.4	66.7	86.4	87.0
3157 Summer	4.8	7.0	8.0	7.8	42.6	53.0	55.7
3160 Summer	6.8	7.9	8.8	8.8	75.4	83.3	82.8
3162 Summer	6.5	7.8	8.8	8.9	80.9	85.7	89.1
3163 Summer	5.4	6.9	8.3	8.1	48.1	51.0	52.8
3166 Summer	6.3	7.9	8.6	8.6	72.0	83.0	84.6
3205 Summer	6.5	8.2	8.7	8.7	85.1	91.7	96.2
3207 Summer	6.1	8.2	8.6	8.6	81.8	93.3	93.6
3301 Summer	6.4	8.1	8.7	8.7	80.6	84.1	85.4
3303 Summer	6.7	7.6	8.5	8.5	76.3	95.2	91.7

3305 Summer	6.8	8.1	8.2	8.2	77.8	91.4	87.2
3307 Summer	6.9	8.4	8.8	8.7	90.9	93.5	91.0
3309 Summer	6.6	7.8	8.3	8.3	76.7	81.8	85.4
3311 Summer	5.8	7.0	7.8	7.7	55.9	55.9	59.2
3313 Summer	5.0	6.3	7.0	6.8	21.7	26.7	24.0
3315 Summer	4.7	6.4	6.9	6.8	16.7	16.7	15.4
3317 Summer	5.3	6.6	6.9	6.8	32.3	21.4	26.5
3372 Summer	6.0	7.9	8.5	8.4	70.5	84.3	78.7
3376 Summer	6.0	7.6	8.5	8.5	70.0	83.0	80.3
3381 Summer	6.1	7.2	7.8	7.8	59.0	75.0	73.2
3385 Summer	6.3	7.8	8.5	8.4	75.5	81.5	80.3
3389 Summer	6.4	8.1	8.7	8.6	80.6	88.6	84.6
3391 Summer	6.0	7.6	8.1	8.0	68.8	71.7	70.0
3393 Summer	5.5	6.5	6.5	6.5	40.0	24.5	24.5
3395 Summer	6.0	7.5	8.3	8.3	58.8	70.4	67.8
3397 Summer	5.4	7.7	8.1	7.9	59.6	59.6	63.8
3401 Summer	6.2	7.7	8.6	8.6	76.7	87.8	88.9
3403 Summer	5.2	7.2	7.8	7.8	46.2	66.7	73.9
3405 Summer	6.0	8.1	8.5	8.3	72.0	88.0	82.1
3407 Summer	6.1	8.3	8.8	8.8	76.5	94.1	89.5
3409 Summer	6.1	7.7	8.4	8.4	68.4	85.7	82.7
3413 Summer	5.9	7.3	7.9	7.7	56.9	61.7	64.1
3501 Summer	6.5	8.1	8.5	8.5	77.8	91.2	91.9
3503 Summer	6.9	8.1	8.6	8.6	94.3	91.3	92.0
3505 Summer	6.3	7.9	8.5	8.5	73.5	94.3	94.7
3507 Summer	6.0	8.1	8.9	8.9	82.5	94.7	91.5
3509 Summer	6.0	7.5	8.2	8.2	64.9	86.8	82.5
3511 Summer	5.7	7.8	8.2	8.2	73.0	83.3	84.4
3513 Summer	5.6	7.9	8.5	8.2	70.6	80.7	77.6
3515 Summer	5.7	7.8	8.4	8.3	63.9	83.3	80.0
3581 Summer	6.6	7.5	8.8	8.7	79.6	93.0	93.3
3601 Summer	6.0	7.6	8.1	8.0	73.2	72.1	73.9
3603 Summer	6.4	7.4	8.0	8.1	58.7	71.4	70.8
3605 Summer	6.5	7.6	8.2	8.0	65.2	70.0	68.5
3607 Summer	6.0	7.4	7.8	7.7	65.3	65.0	65.6
3609 Summer	5.6	7.4	7.9	7.8	58.3	68.3	65.2
3701 Summer	6.1	7.5	8.5	8.4	69.4	81.1	83.5
3703 Summer	6.0	8.1	8.5	8.5	76.9	90.9	92.0
3704 Summer	5.7	7.2	7.6	7.6	60.0	54.2	58.1
3705 Summer	6.0	7.7	8.6	8.6	68.6	87.7	88.9
3709 Summer	5.8	7.1	7.9	7.9	61.1	73.5	69.4
3711 Summer	5.9	6.8	7.3	7.1	44.0	50.8	46.8
3713 Summer	5.6	7.2	7.8	7.6	58.7	61.9	61.2
3715 Summer	5.2	6.9	7.2	7.2	48.0	50.0	51.9
3717 Summer	5.4	6.8	7.2	7.2	47.4	52.5	55.6
3781 Summer	5.6	7.2	8.5	8.5	63.3	90.0	91.7
3783 Summer	6.5	7.4	8.5	8.4	60.0	80.0	81.0
3791 Summer	5.8	7.3	8.0	8.0	85.0	91.7	94.1
3801 Summer	6.3	7.8	9.1	9.1	79.5	92.7	93.5
3803 Summer	5.9	8.3	8.7	8.5	68.8	75.5	73.1

3805 Summer	5.3	8.4	9.1	8.9	74.5	83.3	85.2
3807 Summer	5.0	7.4	8.5	8.4	54.2	67.2	70.0
3809 Summer	5.0	7.7	8.4	8.4	60.5	73.0	75.0
3903 Summer	6.1	8.5	8.3	8.3	81.3	88.2	88.2
3905 Summer	6.7	7.6	8.4	8.4	69.6	86.7	86.7
3907 Summer	6.3	7.8	8.4	8.4	71.0	88.9	89.2
3909 Summer	6.4	7.3	8.4	8.4	63.1	77.3	80.0
3911 Summer	7.2	7.6	8.3	8.3	78.1	93.1	93.3
3913 Summer	5.8	7.6	8.3	8.3	63.0	83.1	80.6
3915 Summer	6.8	8.3	8.6	8.6	89.2	95.3	91.8
4001 Summer	6.0	7.6	8.1	8.1	80.0	94.7	94.7
4003 Summer	6.6	7.6	8.3	8.3	71.4	89.3	96.6
4005 Summer	7.1	8.1	8.5	8.5	88.9	95.3	91.7
4009 Summer	6.6	7.6	8.5	8.4	68.0	86.4	87.7
4011 Summer	6.8	7.8	8.4	8.4	73.3	89.6	90.4
4013 Summer	6.7	8.0	8.7	8.6	77.5	89.2	94.9
4017 Summer	6.5	8.4	8.9	8.9	73.7	88.9	90.1
4101 Summer	6.9	8.4	8.8	8.8	86.5	97.1	97.4
4103 Summer	6.1	8.4	9.1	9.0	81.0	93.8	94.7
4105 Summer	5.6	8.5	9.1	9.1	78.9	87.1	94.3
4107 Summer	5.9	8.5	8.9	8.9	78.6	88.4	86.3
4109 Summer	5.6	7.9	8.6	8.6	73.7	89.5	90.7
4111 Summer	5.2	7.5	8.1	8.1	66.7	74.4	76.2
4201 Summer	6.4	8.4	8.9	8.9	85.7	93.0	93.4
4203 Summer	6.1	8.0	8.6	8.6	82.4	90.5	91.3
4205 Summer	6.8	8.3	8.9	8.9	84.4	92.7	90.2
4207 Summer	5.7	7.7	8.6	8.6	63.4	78.0	80.4
4209 Summer	6.1	7.4	8.3	8.0	65.2	78.6	71.0
4211 Summer	6.4	7.7	8.4	8.3	65.0	78.3	77.9
4301 Summer	6.7	7.6	8.4	8.4	66.7	100.0	88.2
4303 Summer	6.4	7.5	8.5	8.4	70.3	93.3	88.6
4305 Summer	5.8	7.4	8.0	8.0	64.3	90.0	75.0
4307 Summer	6.5	7.8	8.1	8.1	81.8	72.4	74.2
4309 Summer	6.0	7.3	8.6	8.6	66.7	100.0	100.0
4311 Summer	5.8	7.1	7.9	7.6	51.5	70.4	65.5
4313 Summer	6.7	7.8	8.4	8.4	81.8	90.0	90.9
4381 Summer	5.5	7.5	8.4	8.4	76.9	100.0	100.0
4401 Summer	6.3	7.9	8.8	8.7	70.3	91.1	91.5
4403 Summer	6.3	7.9	8.5	8.4	80.0	91.4	92.3
4405 Summer	5.6	6.7	8.4	8.0	48.7	65.5	63.9
4407 Summer	6.0	7.4	8.4	8.3	66.7	78.9	80.3
4409 Summer	4.9	7.7	8.0	8.0	66.7	71.4	76.5
4601 Summer	5.5	7.4	7.7	7.7	67.6	72.7	73.5
4701 Summer	5.8	7.3	8.5	8.5	60.0	89.3	90.0
4703 Summer	6.1	7.8	8.3	8.3	76.7	90.9	91.7
4705 Summer	6.2	7.5	8.4	8.5	77.8	92.1	92.9
4707 Summer	6.0	7.3	8.2	8.2	66.0	72.0	74.1
4801 Summer	5.9	7.1	7.9	7.9	66.7	83.3	83.3
4803 Summer	6.5	7.7	8.3	8.3	76.2	90.2	91.3
4805 Summer	6.9	7.9	8.3	8.3	82.8	87.1	88.2

4807 Summer	5.1	7.4	8.2	8.2	52.4	69.0	71.1
4881 Summer	5.7	6.8	7.3	7.3	50.0	54.5	56.5
4885 Summer	5.9	6.6	7.1	6.9	37.9	44.4	41.9
4901 Summer	6.3	7.7	8.8	8.7	77.4	94.4	94.7
4903 Summer	6.3	7.8	8.6	8.6	71.4	90.3	90.6
4905 Summer	6.4	7.7	8.8	8.8	67.3	82.6	84.6
4907 Summer	5.7	7.1	8.2	8.2	58.5	70.7	70.7
4909 Summer	6.1	7.8	8.4	8.4	68.1	84.9	85.7
4911 Summer	5.7	7.8	8.9	8.8	62.1	78.5	82.9
4913 Summer	6.0	8.1	8.8	8.8	67.9	85.5	89.2
4915 Summer	5.2	7.9	8.7	8.5	64.2	75.0	77.8
4917 Summer	5.5	7.4	8.1	7.9	53.8	63.8	64.1
4971 Summer	5.8	7.8	9.1	8.9	67.7	80.0	79.5
4975 Summer	6.0	7.4	8.7	8.6	65.5	74.6	72.4
4979 Summer	5.3	6.8	7.7	7.4	41.3	54.2	55.9
4983 Summer	5.6	7.0	8.3	8.1	51.9	62.0	63.5
4987 Summer	5.0	7.1	8.1	8.1	51.0	69.6	71.4
4991 Summer	5.6	7.4	8.5	8.3	55.4	64.4	62.9
4995 Summer	4.9	6.5	7.4	7.4	35.8	43.2	44.8
5001 Summer	6.0	8.0	8.5	8.5	65.4	84.5	90.2
5003 Summer	6.3	7.7	8.2	8.2	65.5	74.6	75.0
5005 Summer	6.3	7.7	8.5	8.5	62.9	75.3	76.6
5007 Summer	5.6	7.2	8.1	7.9	52.9	63.5	64.8
5009 Summer	5.5	7.1	8.0	7.9	49.3	67.1	66.7
5101 Summer	5.9	7.5	8.1	8.0	43.4	67.5	58.3
5103 Summer	5.3	7.5	8.0	7.8	56.9	68.5	67.2
5105 Summer	5.5	7.3	7.6	7.5	47.2	47.5	48.2
5107 Summer	5.8	7.0	7.8	7.6	49.2	58.7	55.4
5109 Summer	6.0	7.3	8.0	7.9	51.5	64.5	63.4
5183 Summer	4.8	6.9	7.6	7.5	41.2	49.3	48.6
5201 Summer	6.3	8.4	9.2	9.2	71.7	93.8	93.8
5203 Summer	5.2	6.6	7.3	7.2	41.4	44.6	43.3
5207 Summer	4.6	5.6	5.6	5.6	16.1	6.9	6.9
5301 Summer	5.2	6.9	7.3	7.4	48.9	52.8	54.5
5303 Summer	6.4	7.7	8.3	8.3	61.8	77.6	80.0
5305 Summer	6.8	7.7	8.1	8.1	72.4	78.6	78.6
5307 Summer	6.2	7.6	8.0	8.0	64.0	75.6	76.6
5309 Summer	5.8	6.6	6.8	6.6	34.3	33.3	29.0
5381 Summer	6.0	7.1	7.8	7.6	44.0	54.0	51.7
5383 Summer	6.9	7.8	8.5	8.2	61.0	61.1	63.2
5385 Summer	6.2	6.8	7.7	7.5	48.8	50.0	50.0
5401 Summer	4.0	5.4	5.8	5.6	12.9	7.0	6.8
5403 Summer	4.2	5.5	5.7	5.7	8.0	4.2	4.2
5405 Summer	4.0	5.5	5.5	5.5	11.3	1.5	1.4
5407 Summer	4.2	5.8	6.4	6.3	14.8	13.5	13.5
5501 Summer	3.7	5.5	5.8	5.5	15.1	9.2	8.8
5503 Summer	4.4	6.6	7.0	6.8	37.5	37.1	34.2
5505 Summer	4.6	6.1	6.5	6.4	25.7	22.4	22.7
5507 Summer	5.0	6.5	6.8	6.7	35.5	32.6	36.2
5509 Summer	4.3	5.8	6.0	5.9	16.4	18.8	19.6

5601 Summer	6.9	8.3	9.1	9.0	82.5	88.2	89.2
5603 Summer	6.2	7.5	8.3	8.1	64.3	74.6	70.3
5605 Summer	6.2	8.2	9.0	8.8	69.2	75.0	74.1
5607 Summer	5.1	7.9	8.5	8.2	60.4	67.3	65.6
5609 Summer	5.0	6.9	7.4	7.3	44.1	46.6	46.0
5613 Summer	6.7	7.8	8.5	8.5	80.4	93.0	93.9
5615 Summer	6.4	7.9	8.7	8.6	83.8	91.2	89.4
5617 Summer	6.0	7.5	8.0	8.0	60.0	74.4	70.6
5619 Summer	7.0	8.4	8.6	8.6	78.4	86.8	87.5
5621 Summer	5.4	6.7	7.0	6.9	31.0	35.0	34.1
5623 Summer	5.5	6.1	6.7	6.6	24.4	25.2	25.2
5671 Summer	6.0	7.7	8.6	8.5	59.2	70.1	71.8
5673 Summer	6.5	7.7	8.6	8.6	68.5	77.5	81.1
5675 Summer	6.3	7.8	8.4	8.3	58.4	77.1	75.8
5677 Summer	6.4	7.7	8.4	8.2	60.3	66.3	62.4
5681 Summer	6.5	8.1	8.8	8.7	72.4	92.7	93.1
5691 Summer	6.4	7.9	8.8	8.8	79.1	93.3	91.0
5693 Summer	6.7	7.9	8.8	8.8	71.2	85.2	85.3
5695 Summer	6.6	8.3	9.0	8.9	74.1	90.3	88.2
5697 Summer	6.1	7.3	7.6	7.5	54.5	46.7	46.0
5701 Summer	6.2	7.6	8.4	8.4	63.2	81.5	81.8
5703 Summer	6.1	7.8	9.2	9.0	68.5	78.6	79.7
5705 Summer	6.5	7.9	9.4	9.4	79.0	89.2	89.9
5707 Summer	6.2	7.6	8.8	8.8	73.5	82.1	84.3
5709 Summer	6.0	7.9	9.0	9.0	73.7	81.5	79.4
5711 Summer	6.2	8.6	9.8	9.7	86.5	91.3	89.7
5713 Summer	6.2	8.7	9.6	9.6	83.0	95.9	92.1
5715 Summer	5.9	8.8	9.3	9.3	86.8	87.3	85.1
5717 Summer	6.1	8.0	8.8	8.7	68.3	77.6	77.1
5801 Summer	6.5	7.4	8.9	8.7	65.6	70.5	72.1
5803 Summer	5.9	7.3	8.5	8.2	61.1	70.3	64.9
5805 Summer	5.8	7.1	8.4	8.2	55.3	65.3	62.9
5841 Summer	5.4	7.1	8.3	8.2	66.7	82.4	83.3
5844 Summer	4.8	7.1	7.9	8.0	51.9	57.9	54.2
5845 Summer	4.1	7.0	8.5	7.9	54.2	62.5	57.1
5848 Summer	6.4	8.1	8.4	8.4	72.5	93.9	94.7
5850 Summer	6.3	7.9	8.9	8.8	79.5	94.7	94.9
5851 Summer	6.1	7.7	8.5	8.2	58.5	84.6	75.5
5852 Summer	4.8	7.0	8.5	8.4	66.7	80.0	84.2
5854 Summer	5.4	7.4	8.1	8.1	63.6	73.0	74.4
5855 Summer	5.7	7.6	8.4	8.1	64.6	72.7	72.5
5856 Summer	4.7	6.9	7.4	7.2	49.1	42.3	46.4
5861 Summer	5.5	9.0	9.5	9.5	90.0	91.3	86.7
5864 Summer	5.6	7.5	8.2	8.0	53.4	58.5	60.6
5881 Summer	6.0	7.5	8.4	8.3	62.3	71.4	72.4
5887 Summer	6.0	7.4	8.2	8.1	57.3	71.8	72.5
5891 Summer	6.4	7.8	8.6	8.6	68.1	84.6	86.4
5895 Summer	6.0	7.7	8.6	8.6	62.1	76.1	77.5
5901 Summer	6.0	7.6	8.4	8.4	71.4	79.4	80.3
5903 Summer	5.8	7.8	8.7	8.7	67.9	86.0	87.9

5905 Summer	6.1	7.6	8.0	8.0	68.8	78.8	80.0
6001 Summer	4.5	6.4	7.3	7.0	35.3	41.8	41.0
6005 Summer	5.0	7.3	8.1	7.6	51.0	57.4	59.0
6009 Summer	5.3	6.3	6.7	6.4	23.4	23.4	22.4
6101 Summer	4.7	6.2	6.8	6.7	31.4	31.5	33.6
6103 Summer	4.8	6.2	7.0	6.9	36.4	36.6	38.1
6105 Summer	5.3	6.1	6.2	6.1	33.0	21.7	22.3
6107 Summer	4.9	5.9	6.3	6.2	29.3	21.0	23.9
6109 Summer	4.5	5.5	5.8	5.8	14.7	8.5	8.3
6111 Summer	4.9	5.5	5.4	5.4	18.2	6.0	6.0
6201 Summer	4.1	6.0	6.5	6.3	22.9	22.2	16.2
6213 Summer	4.6	5.8	6.1	6.1	16.1	8.7	8.3
6215 Summer	5.2	6.4	6.6	6.5	25.5	25.8	25.8
6242 Summer	4.3	5.9	6.5	6.5	22.2	16.0	16.0
6258 Summer	5.0	6.4	6.9	6.8	27.7	25.6	25.6
6259 Summer	4.3	5.9	6.6	6.2	20.5	13.9	11.6
6261 Summer	4.3	5.3	5.3	5.4	12.0	3.6	3.3
6264 Summer	4.9	6.1	6.7	6.6	25.5	25.0	25.0
6265 Summer	4.8	6.0	5.8	5.8	11.4	11.1	11.1
6285 Summer	5.0	6.7	7.0	7.0	41.8	42.9	45.2
6289 Summer	5.4	6.3	6.7	6.7	32.9	29.4	29.8
6293 Summer	4.9	5.0	5.2	5.2	9.5	4.8	4.6
6381 Summer	4.9	7.1	7.9	7.5	60.0	60.0	56.5
6405 Summer	5.3	6.9	7.5	7.2	53.3	54.2	49.1
6409 Summer	5.4	6.7	7.2	7.1	42.3	43.4	40.0
6413 Summer	4.9	6.1	6.2	6.1	21.7	16.7	15.3
6417 Summer	4.2	5.7	5.9	5.9	11.3	1.9	1.7
6501 Summer	6.3	8.2	8.9	8.7	75.5	84.8	84.2
6691 Summer	6.2	8.1	8.7	8.3	72.0	69.2	67.4
6693 Summer	5.8	7.9	8.7	8.5	75.0	80.0	81.3
6701 Summer	6.2	7.8	8.5	8.3	70.7	72.7	76.3
6801 Summer	5.4	6.7	6.9	6.9	25.8	28.0	25.9
6811 Summer	4.9	5.8	6.4	6.3	22.4	19.0	17.4
6840 Summer	6.8	8.2	9.0	9.0	72.7	89.6	85.2
6841 Summer	4.4	6.1	6.3	6.2	11.8	12.9	12.1
6844 Summer	5.2	6.9	8.1	7.8	51.6	70.0	60.7
6845 Summer	4.4	7.3	7.3	7.3	42.9	64.3	56.3
6847 Summer	4.5	6.2	6.4	6.2	27.1	16.0	13.1
6848 Summer	5.7	7.3	7.9	7.5	52.9	66.7	50.0
6849 Summer	5.0	7.0	7.4	7.4	46.7	45.5	45.5
6856 Summer	6.1	7.5	8.3	8.1	63.5	72.1	71.2
6857 Summer	5.0	5.4	5.7	5.6	14.3	6.4	12.3
6858 Summer	5.2	7.0	7.4	7.3	45.0	40.3	45.8
6862 Summer	5.2	6.2	6.5	6.4	25.0	19.5	20.9
6863 Summer	5.8	7.1	7.6	7.6	49.3	56.0	57.0
6911 Summer	5.5	6.4	6.4	6.3	20.7	17.6	17.2
6913 Summer	5.1	6.2	6.3	6.2	20.9	13.8	12.5
6915 Summer	5.2	6.0	6.0	6.1	14.7	6.1	5.7
6917 Summer	4.8	5.8	5.8	5.8	6.7	1.4	1.4
6919 Summer	5.4	5.8	5.8	5.8	18.3	12.6	11.1

6921 Summer	4.9	6.0	6.2	6.1	14.3	8.6	8.5
6981 Summer	4.6	6.5	7.2	7.1	35.0	40.0	40.8
6985 Summer	5.4	6.6	7.1	7.1	37.7	41.3	40.6
6993 Summer	5.5	6.6	6.8	6.7	28.6	29.7	27.9
7001 Summer	6.0	7.3	8.3	8.3	74.3	88.9	90.3
7104 Summer	4.4	6.2	6.8	6.7	34.8	41.0	39.0
7107 Summer	5.8	7.1	7.7	7.6	43.0	42.6	36.5
7110 Summer	6.1	7.7	8.4	8.3	61.0	74.1	74.1
7113 Summer	5.9	7.2	8.2	8.2	55.8	67.4	66.7
7116 Summer	5.2	6.3	7.1	7.0	33.3	39.7	40.5
7119 Summer	5.7	7.3	8.2	7.9	51.9	65.2	61.2
7122 Summer	4.9	6.4	7.5	7.4	34.8	41.0	40.0
7127 Summer	4.3	6.1	6.8	6.6	24.6	28.1	28.1
7143 Summer	5.1	6.8	7.5	7.4	50.9	48.9	48.0
7145 Summer	5.2	6.6	7.0	6.7	31.1	28.8	25.7
7149 Summer	4.3	6.2	7.0	6.8	17.4	36.8	33.3
7153 Summer	5.6	6.8	7.6	7.8	47.7	53.8	51.6
7189 Summer	5.3	6.9	7.2	7.3	43.8	36.4	40.9
7192 Summer	5.9	6.9	7.5	7.5	41.5	44.4	46.9
7195 Summer	5.7	6.5	7.1	7.1	36.6	39.7	40.3
7205 Summer	5.7	7.3	8.1	8.1	65.5	86.4	87.5
7217 Summer	6.3	7.9	8.2	8.2	69.0	92.3	92.9
7305 Summer	6.6	8.3	8.7	8.6	84.4	95.8	96.7
7311 Summer	6.2	7.4	7.9	7.9	76.9	70.6	73.0
7405 Summer	6.0	7.1	7.6	7.6	70.0	76.9	78.6
7413 Summer	6.1	7.7	7.9	7.5	68.3	65.8	58.7
7417 Summer	5.5	6.9	7.9	7.7	48.4	67.9	67.9
7505 Summer	6.1	7.8	8.3	8.3	68.8	81.5	82.1
7511 Summer	6.7	8.0	8.6	8.5	79.3	88.5	89.3
7605 Summer	6.4	7.1	8.5	8.5	65.8	83.8	85.4
7611 Summer	5.8	7.4	8.3	8.3	63.3	80.0	82.6
7705 Summer	5.3	7.1	7.9	7.8	68.8	73.9	76.0
8205 Summer	6.5	8.5	8.8	8.8	78.6	92.3	93.6
8209 Summer	6.4	8.1	9.0	9.0	76.4	90.0	88.9
8213 Summer	6.7	8.0	8.6	8.6	74.5	82.4	83.9
8217 Summer	5.5	7.3	7.6	7.5	50.8	54.9	54.7
8221 Summer	5.4	7.4	7.9	7.7	45.5	57.5	59.1
8281 Summer	6.9	8.0	8.4	8.1	74.1	75.8	68.3
8285 Summer	6.0	7.5	8.1	8.1	50.8	59.7	61.7
8289 Summer	6.3	8.1	8.5	8.5	68.8	82.0	77.6
8305 Summer	5.6	7.6	8.1	7.7	65.8	52.9	55.0
8309 Summer	5.5	7.3	8.2	7.8	54.2	59.5	57.8
8313 Summer	4.6	6.2	6.5	6.3	28.6	26.8	28.2
8317 Summer	4.6	6.0	6.3	6.3	16.3	10.0	10.7
8421 Summer	5.7	7.1	7.8	7.6	46.3	59.8	58.3
8425 Summer	5.2	6.8	7.5	7.4	44.4	51.4	53.9
8429 Summer	5.8	7.1	7.9	7.7	48.6	57.5	59.0
8505 Summer	4.9	7.2	8.1	7.8	44.9	64.9	55.6
8509 Summer	5.2	7.0	7.8	7.6	47.8	54.4	50.7
8513 Summer	5.8	7.0	7.7	7.7	50.5	54.7	54.0

8517 Summer	5.7	7.2	7.8	7.8	54.5	61.4	63.5
8521 Summer	5.9	7.3	7.7	7.7	53.1	54.0	55.1
8605 Summer	6.3	7.5	8.4	8.3	68.0	88.4	90.0
8609 Summer	6.0	7.7	8.5	8.5	65.9	85.4	91.7
8613 Summer	6.0	7.8	8.4	8.2	65.6	78.3	72.6
8705 Summer	6.6	7.9	8.5	8.3	72.7	82.5	83.3
8709 Summer	6.9	8.0	8.6	8.6	67.7	82.8	84.1
8713 Summer	6.4	7.7	8.8	8.8	67.8	83.9	86.2
8805 Summer	5.9	7.3	8.3	8.1	54.0	65.2	60.0
8809 Summer	6.3	7.5	8.8	8.7	66.7	74.1	77.8
8905 Summer	6.1	7.9	8.5	8.5	81.1	88.2	91.1
8909 Summer	7.0	8.1	8.3	8.3	88.2	87.9	89.5
8913 Summer	5.8	7.3	8.2	7.7	61.0	67.4	61.5
8921 Summer	6.2	8.2	8.7	8.6	89.7	96.6	97.1
8925 Summer	6.2	7.9	8.4	8.4	75.7	87.5	88.9
9009 Summer	6.3	7.5	8.1	7.8	61.7	68.1	65.4
9105 Summer	5.0	7.6	8.2	8.2	57.4	62.5	68.0
9109 Summer	4.9	6.8	7.2	7.2	43.3	39.0	43.3
9113 Summer	4.5	5.5	5.9	5.8	14.3	7.2	8.5
9121 Summer	4.7	6.5	7.0	7.0	34.5	37.0	37.3
9205 Summer	6.2	7.6	8.7	8.7	65.1	91.5	89.1
9481 Summer	6.4	7.2	8.2	8.2	67.6	86.2	87.5
9485 Summer	6.0	7.7	8.5	8.5	62.0	76.1	82.7
9581 Summer	6.8	7.6	8.3	8.3	80.8	74.2	74.2
9585 Summer	6.2	7.2	8.4	8.2	59.3	68.8	69.7
9603 Summer	6.1	7.7	8.6	8.6	69.8	86.3	87.0
9607 Summer	6.2	8.0	9.0	8.9	71.4	88.0	89.1
9611 Summer	6.2	8.3	9.0	8.9	73.9	91.1	92.2
9615 Summer	5.5	7.4	8.3	8.2	61.4	69.1	69.3
9703 Summer	6.3	7.9	8.2	8.2	68.6	77.8	84.8
9711 Summer	5.1	7.4	7.5	7.5	56.4	60.6	62.9
9903 Summer	6.6	8.2	8.6	8.6	75.0	85.1	86.3
AN02 Summer	5.3	6.4	7.2	7.0	39.7	35.6	36.7
AN03 Summer	4.8	5.4	5.3	5.3	11.9	1.2	1.2
AN04 Summer	4.6	5.6	5.6	5.6	11.1	1.9	2.0
AN05 Summer	4.1	5.6	5.6	5.6	8.5	3.3	3.4
AN06 Summer	4.9	6.9	8.3	8.1	44.6	56.8	53.1
AN07 Summer	5.7	7.5	8.6	8.6	59.2	60.5	61.5
AN08 Summer	5.8	7.4	8.5	8.2	53.3	60.0	58.6
AN09 Summer	4.8	6.9	8.0	7.8	46.7	48.8	50.0
CL02 Summer	5.5	8.1	8.8	8.8	71.2	78.7	82.1
CL04 Summer	5.6	7.6	8.2	8.1	64.6	72.9	73.5
CL05 Summer	6.8	8.2	8.5	8.4	95.0	95.7	96.3
FO01 Summer	5.1	7.2	8.3	8.2	54.1	69.8	70.4
FO02 Summer	5.4	7.1	8.0	8.0	52.4	65.9	63.8
FO03 Summer	6.0	8.1	9.4	9.1	74.4	87.8	88.2
HI01 Summer	6.0	7.5	8.8	8.8	84.0	100.0	100.0
HI02 Summer	6.3	8.1	8.4	8.4	92.0	92.6	93.3
HI03 Summer	5.4	7.4	8.2	8.2	66.7	100.0	100.0
HI04 Summer	6.7	7.8	8.6	8.6	90.0	88.9	88.9

HI05 Summer	5.9	7.3	8.3	8.3	70.0	84.2	100.0
HI06 Summer	5.4	7.6	8.2	8.2	90.5	89.5	91.3
HI07 Summer	6.3	8.6	8.5	8.5	75.0	87.5	87.5
HI08 Summer	6.9	7.8	8.4	8.4	78.0	87.2	88.1
HI09 Summer	6.8	7.9	8.4	8.4	91.2	93.8	94.7
HI10 Summer	6.5	7.4	8.2	8.0	67.5	79.5	80.4
NE01 Summer	6.4	8.2	9.2	9.2	79.6	89.2	87.0
NE02 Summer	5.9	7.5	8.6	8.6	67.2	74.6	78.1
NE03 Summer	5.8	8.6	9.6	9.6	83.3	90.6	90.7
NE05 Summer	6.0	7.8	9.1	9.1	68.5	86.3	92.6
NE06 Summer	5.9	7.9	8.8	8.7	60.0	83.3	84.4
NH01 Summer	5.4	7.3	8.2	8.2	57.4	69.1	72.4
NH02 Summer	5.7	6.5	7.4	7.3	45.0	50.0	50.0
NH03 Summer	5.8	7.3	8.0	8.0	58.8	68.6	71.4
NH04 Summer	5.7	6.9	8.5	8.6	47.9	65.0	66.7
NH05 Summer	6.3	7.9	8.8	8.8	75.5	86.2	90.2
NH06 Summer	5.7	7.0	8.1	7.9	50.0	68.6	68.3
NH07 Summer	6.4	8.0	8.7	8.7	76.7	91.4	91.4
NH09 Summer	6.4	7.8	8.9	8.9	73.6	91.5	92.4
NI_1 Summer	6.8	8.2	8.8	8.8	83.7	91.1	92.0
NI_10 Summer	5.5	7.3	8.1	8.1	62.8	73.3	77.8
NI_11 Summer	6.3	7.7	8.6	8.5	77.8	85.3	87.5
NI_12 Summer	5.6	7.4	8.1	8.1	62.2	69.4	75.7
NI_13 Summer	5.7	7.4	8.1	8.1	61.8	84.4	85.3
NI_14 Summer	6.6	8.2	8.8	8.8	79.5	91.7	92.3
NI_15 Summer	6.3	8.0	8.8	8.8	73.5	83.8	84.8
NI_16 Summer	6.4	7.8	8.7	8.7	73.5	94.1	91.4
NI_17 Summer	5.9	7.3	7.9	8.0	62.8	74.3	71.8
NI_18 Summer	6.1	7.4	8.3	8.3	66.0	87.8	84.4
NI_19 Summer	5.9	7.7	8.4	8.5	68.3	81.7	83.1
NI_2 Summer	5.6	7.2	8.3	8.3	61.2	77.1	78.8
NI_20 Summer	6.0	7.7	8.6	8.6	69.4	91.7	92.6
NI_21 Summer	6.4	7.8	8.4	8.4	76.4	84.9	88.5
NI_22 Summer	6.6	7.5	8.1	8.1	76.9	88.2	89.7
NI_23 Summer	4.9	6.2	6.3	6.3	21.2	22.5	24.4
NI_24 Summer	5.8	7.6	8.0	8.0	58.3	76.7	76.7
NI_25 Summer	5.3	7.1	7.7	7.7	34.8	68.4	61.9
NI_26 Summer	6.1	7.6	8.9	9.0	62.1	89.4	88.9
NI_27 Summer	6.1	7.9	8.4	8.4	78.4	87.5	87.9
NI_28 Summer	5.9	7.4	8.3	8.3	66.0	81.0	82.2
NI_29 Summer	6.0	7.9	8.8	8.8	80.9	84.8	89.8
NI_3 Summer	5.3	7.1	7.8	7.8	51.2	69.0	69.8
NI_30 Summer	5.5	7.4	8.3	8.3	66.0	75.0	79.5
NI_31 Summer	6.3	7.9	8.3	8.2	74.1	100.0	100.0
NI_32 Summer	5.6	7.3	7.7	7.7	47.6	59.0	60.0
NI_33 Summer	4.8	7.1	7.8	7.8	37.8	63.3	66.7
NI_34 Summer	5.7	7.6	8.8	8.8	69.4	93.0	97.8
NI_35 Summer	5.6	7.5	8.3	8.3	67.5	82.9	84.1
NI_36 Summer	6.2	7.6	8.2	8.1	68.0	75.5	77.6
NI_37 Summer	5.5	7.2	7.9	7.9	60.0	67.6	78.8

NI_38 Summer	5.6	6.9	7.4	7.5	54.3	59.5	60.5
NI_39 Summer	5.7	7.7	8.4	8.4	78.8	94.9	95.0
NI_4 Summer	6.7	8.2	8.7	8.7	76.3	90.6	88.1
NI_40 Summer	6.2	7.6	7.9	7.9	66.7	72.1	76.2
NI_5 Summer	5.3	7.0	8.1	8.1	56.7	83.3	76.2
NI_6 Summer	5.9	7.5	8.3	8.4	62.5	81.3	78.6
NI_7 Summer	6.1	7.6	8.4	8.3	80.0	95.7	96.2
NI_8 Summer	5.9	7.1	7.8	7.8	59.0	63.2	64.3
NI_9 Summer	5.4	7.1	7.6	7.6	58.6	65.5	66.7
NW01 Summer	5.9	8.1	8.9	8.9	77.5	90.2	91.7
NW02 Summer	6.0	8.1	8.5	8.5	78.3	87.5	83.6
NW03 Summer	5.7	7.4	8.3	8.2	68.0	73.1	71.7
NW04 Summer	6.0	8.0	9.1	9.0	76.9	87.3	85.2
NW05 Summer	6.1	8.0	8.6	8.6	80.4	83.6	87.1
NW06 Summer	6.0	8.0	8.7	8.4	68.9	78.1	77.1
NW07 Summer	4.9	7.1	8.0	8.0	53.1	61.0	58.6
SEPA_E01 Summer	6.3	7.7	8.5	8.5	76.0	92.9	93.5
SEPA_E02 Summer	6.3	8.1	8.8	8.8	84.2	100.0	100.0
SEPA_E03 Summer	5.7	8.1	8.2	8.2	69.2	77.6	78.9
SEPA_E04 Summer	6.5	8.8	8.8	8.8	86.0	91.7	92.2
SEPA_E05 Summer	6.1	7.8	8.3	8.3	62.2	83.0	83.0
SEPA_E06 Summer	6.6	8.8	8.9	8.9	85.3	95.1	95.1
SEPA_E07 Summer	6.3	8.8	8.8	8.8	77.8	92.5	89.8
SEPA_E08 Summer	6.5	7.7	8.5	8.5	72.9	79.2	84.0
SEPA_E09 Summer	6.7	7.6	8.5	8.5	78.0	88.2	92.2
SEPA_E10 Summer	5.6	7.8	8.6	8.6	67.9	86.2	85.1
SEPA_N01 Summer	4.8	5.6	6.0	6.0	14.3	8.3	11.1
SEPA_N03 Summer	4.1	7.6	8.7	8.5	64.3	100.0	100.0
SEPA_N04 Summer	4.3	6.9	7.9	8.0	65.4	64.7	78.9
SEPA_N05 Summer	4.3	7.3	8.3	8.3	66.7	73.3	86.7
SEPA_N06 Summer	3.9	7.3	8.4	8.5	65.0	63.6	84.6
SEPA_N07 Summer	4.5	7.3	7.4	7.3	60.0	62.5	66.7
SEPA_N08 Summer	4.0	6.7	7.8	8.0	71.4	71.4	80.0
SEPA_N09 Summer	4.2	7.4	8.1	8.3	58.3	60.0	76.5
SEPA_N10 Summer	4.8	7.3	8.5	8.4	76.9	100.0	100.0
SEPA_N11 Summer	6.0	7.2	7.9	8.0	69.2	75.8	77.1
SEPA_N12 Summer	6.0	7.8	8.4	8.3	75.0	81.4	81.8
SEPA_N13 Summer	5.8	7.7	8.1	8.1	69.0	87.5	88.0
SEPA_N14 Summer	5.2	7.4	7.8	7.8	51.4	65.5	61.3
SEPA_N15 Summer	5.7	7.5	8.3	8.2	63.0	78.1	83.9
SEPA_N16 Summer	5.9	7.4	8.5	8.5	63.8	82.2	86.4
SEPA_N17 Summer	5.4	7.8	8.3	8.3	63.2	76.2	80.0
SEPA_N18 Summer	5.2	6.5	7.3	7.1	31.3	50.0	51.9
SEPA_N19 Summer	5.7	7.4	8.4	8.5	70.0	82.1	83.3
SEPA_N20 Summer	6.0	7.3	8.1	8.1	80.8	83.3	84.0
SEPA_N21 Summer	5.5	7.6	8.5	8.3	68.2	80.5	81.0
SEPA_N22 Summer	4.9	8.0	8.3	8.3	81.3	100.0	100.0
SEPA_N23 Summer	6.4	7.7	8.5	8.5	68.8	76.4	77.2
SEPA_N24 Summer	5.6	7.3	7.8	7.8	59.0	68.1	72.3
SEPA_N25 Summer	5.8	7.5	8.2	8.2	63.4	76.6	78.0

SEPA_N26 Summer	5.7	7.8	8.3	8.3	65.3	80.9	84.8
SEPA_N27 Summer	6.5	8.2	8.5	8.4	85.7	100.0	100.0
SEPA_N28 Summer	5.4	7.5	7.9	7.9	65.6	68.6	73.5
SEPA_N29 Summer	5.2	7.6	8.5	8.5	67.9	76.0	91.7
SEPA_N30 Summer	5.2	7.1	7.8	7.9	64.5	67.9	79.3
SEPA_N31 Summer	4.9	8.0	8.9	8.8	76.2	90.9	100.0
SEPA_N32 Summer	4.7	8.3	8.9	8.8	77.3	88.9	100.0
SEPA_N33 Summer	5.3	7.2	8.0	7.4	59.3	69.6	62.1
SEPA_N34 Summer	5.5	7.7	8.8	8.8	79.2	90.5	100.0
SEPA_N35 Summer	5.5	7.8	8.9	8.8	69.0	85.2	96.3
SEPA_N36 Summer	5.5	7.9	8.4	8.3	85.0	100.0	100.0
SEPA_N37 Summer	5.7	8.0	8.7	8.6	83.3	100.0	100.0
SEPA_N39 Summer	5.0	7.9	8.4	8.4	72.7	85.0	100.0
SEPA_N40 Summer	5.0	7.9	8.3	8.3	66.7	90.9	91.3
SEPA_N41 Summer	6.1	7.9	8.6	8.6	79.4	89.7	90.6
SEPA_N42 Summer	5.9	7.8	8.6	8.6	71.4	82.9	82.9
SEPA_N43 Summer	6.1	8.0	8.6	8.5	75.9	95.2	96.2
SEPA_N44 Summer	6.0	7.8	8.5	8.5	70.0	82.6	87.5
SEPA_N45 Summer	5.8	8.0	8.3	8.3	72.0	82.6	84.0
SEPA_N46 Summer	6.4	7.8	8.2	8.2	72.2	75.0	78.1
SEPA_N47 Summer	6.8	7.3	8.3	7.6	79.2	76.9	71.0
SEPA_N48 Summer	6.6	7.8	8.5	8.5	85.7	90.3	90.6
SEPA_N49 Summer	6.1	7.7	8.3	8.3	75.0	82.8	84.8
SEPA_N50 Summer	6.2	7.8	9.2	9.1	70.5	100.0	96.2
SEPA_N52 Summer	6.2	8.0	8.5	8.5	76.9	94.7	95.2
SEPA_N53 Summer	7.0	8.9	8.8	8.7	92.3	97.4	97.6
SEPA_N54 Summer	6.2	7.8	8.5	8.5	77.1	83.3	84.7
SEPA_N55 Summer	6.3	7.5	7.7	7.7	65.5	63.9	68.5
SEPA_N56 Summer	5.4	7.0	7.0	7.0	48.6	41.9	46.4
SEPA_N57 Summer	5.6	6.9	7.8	7.8	57.1	63.6	75.0
SEPA_N58 Summer	6.6	7.9	8.4	8.4	70.0	88.9	88.9
SEPA_N59 Summer	7.1	8.1	8.7	8.7	95.8	100.0	100.0
SEPA_N60 Summer	5.9	7.8	8.2	8.2	77.8	79.2	79.2
SEPA_N61 Summer	5.6	7.5	8.4	8.4	75.0	78.1	87.5
SEPA_N62 Summer	6.3	8.0	8.5	8.4	81.3	94.4	95.1
SEPA_N64 Summer	6.5	8.5	8.7	8.7	84.4	100.0	100.0
SEPA_N65 Summer	6.4	8.5	8.6	8.6	81.0	94.7	95.8
SEPA_N66 Summer	6.5	7.7	8.5	8.5	76.2	90.5	91.3
SEPA_N67 Summer	6.0	8.3	8.8	8.8	84.4	96.6	97.1
SEPA_N68 Summer	6.1	8.0	8.4	8.4	75.0	96.3	96.6
SEPA_W01 Summer	6.5	7.3	7.8	7.8	59.4	63.3	64.5
SEPA_W02 Summer	6.2	7.5	8.1	8.1	62.2	79.4	76.9
SEPA_W03 Summer	6.3	7.6	8.3	8.3	71.4	74.5	77.6
SEPA_W04 Summer	6.0	7.0	7.9	7.9	54.5	63.2	66.7
SEPA_W05 Summer	6.7	7.8	8.4	8.4	81.8	87.1	87.5
SEPA_W06 Summer	5.6	7.6	8.1	8.1	65.7	71.0	77.4
SEPA_W07 Summer	6.4	7.5	8.5	8.5	77.4	93.8	94.4
SEPA_W08 Summer	6.0	7.6	8.4	8.4	74.4	87.2	88.1
SEPA_W09 Summer	6.8	8.1	8.7	8.7	75.6	97.3	92.9
SEPA_W10 Summer	6.2	8.2	8.6	8.6	80.0	93.8	94.3

SEPA_W11 Summer	5.9	7.6	8.4	8.4	78.4	87.8	88.6
SEPA_W12 Summer	6.6	7.9	8.3	8.3	75.8	90.0	91.4
SEPA_W13 Summer	5.9	7.3	7.9	7.9	54.5	71.4	75.0
SEPA_W15 Summer	6.3	7.3	7.8	7.8	83.3	88.2	90.0
SEPA_W16 Summer	6.7	8.0	8.5	8.5	77.4	94.3	94.7
SEPA_W17 Summer	5.1	7.8	8.3	8.3	80.0	100.0	100.0
SEPA_W18 Summer	5.9	7.7	8.4	8.4	74.2	87.5	96.2
SEPA_W19 Summer	5.9	7.7	8.2	8.2	66.7	76.9	80.4
SEPA_W20 Summer	5.4	7.0	8.1	8.1	66.7	88.2	88.9
SEPA_W21 Summer	6.1	8.1	8.8	8.7	82.9	89.7	90.7
SEPA_W22 Summer	6.2	7.7	8.3	8.3	88.0	90.5	91.7
SEPA_W23 Summer	6.2	7.6	8.7	8.7	77.4	92.9	93.1
SEPA_W24 Summer	5.9	7.2	8.3	8.3	61.9	82.4	84.2
SEPA_W25 Summer	5.9	7.6	8.4	8.4	76.9	95.0	95.8
SEPA_W26 Summer	5.5	7.5	8.4	8.4	60.0	94.4	95.0
SEPA_W27 Summer	6.3	8.0	8.3	8.3	87.5	100.0	100.0
SEPA_W28 Summer	5.9	7.7	8.3	8.3	78.6	81.5	89.7
SEPA_W29 Summer	6.4	7.0	8.1	8.1	59.3	87.5	88.5
SEPA_W30 Summer	7.2	7.7	8.2	8.2	79.2	91.7	92.6
SEPA_W31 Summer	6.8	7.4	8.3	8.3	75.8	89.2	90.0
SEPA_W32 Summer	6.1	7.4	8.1	8.1	78.6	91.7	91.7
SEPA_W33 Summer	6.2	7.9	8.6	8.6	81.1	97.0	97.4
SEPA_W34 Summer	6.5	8.2	8.6	8.6	75.0	89.2	87.5
SEPA_W35 Summer	6.1	7.8	8.3	8.3	88.0	92.0	93.1
SEPA_W36 Summer	5.8	7.7	8.5	8.4	75.0	92.9	93.5
SEPA_W37 Summer	6.4	7.3	8.2	8.2	75.9	90.0	90.3
SEPA_W38 Summer	6.0	7.6	8.5	8.5	68.0	79.6	81.5
SN01 Summer	4.6	6.9	7.3	7.3	45.5	43.9	45.2
SN02 Summer	5.6	7.2	8.0	8.0	53.2	68.6	65.8
SO01 Summer	6.0	7.1	7.8	7.8	62.5	71.9	72.9
SO02 Summer	6.3	7.5	9.0	8.9	68.9	79.5	81.1
SO03 Summer	6.2	7.7	9.0	9.0	79.2	93.9	94.5
ST01 Summer	6.2	8.1	8.5	8.5	76.9	84.3	85.0
ST02 Summer	6.3	8.3	8.3	8.3	70.7	75.6	76.6
ST03 Summer	6.4	7.9	8.4	8.2	76.2	82.5	81.0
ST04 Summer	6.0	7.1	7.6	7.7	52.3	47.4	54.1
ST05 Summer	6.0	7.5	8.3	8.3	71.4	86.0	86.4
ST06 Summer	6.6	8.0	8.4	8.0	72.9	74.4	67.7
ST07 Summer	6.0	7.4	7.9	7.9	63.9	77.1	77.8
SW01 Summer	6.5	7.8	8.8	8.7	71.4	91.9	88.4
SW02 Summer	6.4	8.0	8.9	8.9	76.6	83.0	84.3
SW04 Summer	5.8	7.1	7.8	7.8	52.9	56.5	56.5
SW05 Summer	5.9	7.9	8.8	8.6	70.2	81.4	81.8
SW06 Summer	6.4	7.7	9.1	8.9	65.8	81.6	80.2
SW07 Summer	7.1	7.8	8.5	8.4	79.1	88.4	89.1
SW08 Summer	6.3	7.6	8.3	8.3	71.4	80.0	80.6
SW09 Summer	5.5	7.3	7.8	7.8	44.6	51.1	50.0
TA01 Summer	6.2	8.1	8.7	8.7	76.6	88.7	84.7
TA02 Summer	6.1	8.0	8.7	8.7	78.2	83.9	83.1
TA03 Summer	6.7	8.4	9.1	9.0	83.3	89.1	85.5

TA04 Summer	6.6	8.0	8.4	8.4	82.1	87.0	83.9
TA05 Summer	6.9	8.2	8.9	8.9	82.0	93.1	93.5
TA06 Summer	5.2	8.2	8.7	8.7	68.6	81.3	86.7
TA07 Summer	5.1	7.8	8.3	8.3	68.3	82.1	78.0
TA08 Summer	6.3	7.8	8.7	8.7	82.9	85.3	85.3
TH01 Summer	5.8	6.9	7.1	7.0	44.6	38.1	36.6
TH02 Summer	5.9	7.3	7.4	7.3	59.7	55.8	55.1
TH03 Summer	5.3	7.3	7.8	7.8	54.8	57.4	59.7
TH04 Summer	5.8	6.8	7.5	7.3	45.6	49.0	49.0
TH05 Summer	6.0	7.0	7.7	7.6	51.6	58.8	56.9
TH06 Summer	4.2	6.5	7.2	7.3	37.9	33.3	38.1
TH07 Summer	5.2	6.5	7.1	6.9	34.4	40.0	39.2
TH08 Summer	5.3	6.8	7.6	7.3	45.2	47.5	47.7
TW02 Summer	5.9	7.8	8.5	8.6	80.8	89.1	85.2
TW03 Summer	6.2	7.9	8.4	8.3	76.9	76.5	77.8
WE01 Summer	6.2	7.6	8.1	8.1	73.3	91.3	85.7
WE03 Summer	6.7	7.8	8.2	8.2	74.4	91.4	91.9
WE04 Summer	5.8	7.2	8.2	8.2	56.1	66.7	68.5
WE05 Summer	5.5	8.3	8.8	8.8	65.1	80.0	68.4
0007 Autumn	6.5	7.9	8.7	8.7	79.6	93.9	94.9
0101 Autumn	6.3	7.4	8.0	8.1	64.0	78.7	79.6
0103 Autumn	6.1	7.8	8.7	8.7	73.2	87.5	89.1
0105 Autumn	6.6	7.8	8.5	8.5	70.0	86.9	83.1
0107 Autumn	6.2	7.4	8.4	8.4	66.0	84.9	82.5
0181 Autumn	6.6	7.5	8.0	7.9	63.8	69.4	70.8
0185 Autumn	6.1	7.3	8.0	8.0	53.7	77.8	76.2
0201 Autumn	5.5	7.1	7.7	7.7	50.9	61.3	60.0
0203 Autumn	5.6	7.6	8.4	8.2	65.0	72.7	69.3
0205 Autumn	5.7	7.3	8.1	7.9	53.4	61.0	58.2
0207 Autumn	5.9	7.1	8.1	8.1	56.5	67.4	67.4
0221 Autumn	5.5	7.2	8.0	8.0	65.6	74.1	75.4
0223 Autumn	5.4	7.4	8.8	8.5	68.9	92.2	89.3
0225 Autumn	5.9	7.7	8.8	8.5	69.6	88.6	83.3
0227 Autumn	5.9	8.1	8.7	8.8	66.7	86.5	83.9
0229 Autumn	5.2	7.3	8.0	7.7	58.1	62.7	58.2
0231 Autumn	5.1	6.7	7.6	7.4	43.1	49.3	46.5
0233 Autumn	5.7	7.4	8.3	8.1	63.8	73.9	72.0
0301 Autumn	6.3	7.8	8.7	8.7	88.9	96.9	97.1
0303 Autumn	6.3	7.6	8.6	8.6	75.4	88.2	86.1
0305 Autumn	6.3	7.7	8.8	8.9	80.9	94.5	91.8
0307 Autumn	6.1	7.8	8.8	8.8	72.1	86.1	83.9
0309 Autumn	5.8	7.7	8.6	8.6	75.6	86.7	83.3
0311 Autumn	6.0	7.9	8.4	8.3	65.9	76.4	72.9
0313 Autumn	4.5	5.9	6.2	6.2	24.4	22.7	22.7
0381 Autumn	6.4	7.2	8.4	8.5	70.7	83.3	85.1
0385 Autumn	6.3	7.7	8.5	8.5	63.8	91.3	92.2
0389 Autumn	6.8	7.7	8.6	8.6	72.2	91.8	89.9
0393 Autumn	6.2	7.8	8.6	8.5	68.3	89.2	87.3
0401 Autumn	6.7	7.5	8.2	8.1	67.5	71.8	67.4
0403 Autumn	6.0	7.4	8.0	8.0	60.0	68.3	66.2

0405 Autumn	6.3	7.4	8.4	8.3	64.7	74.0	72.8
0407 Autumn	6.2	7.4	8.4	8.4	60.7	66.2	66.2
0409 Autumn	6.3	8.1	9.0	9.0	74.1	83.8	82.7
0411 Autumn	6.1	7.9	8.8	8.6	69.2	76.8	76.0
0501 Autumn	6.8	8.5	9.0	8.9	88.4	98.1	98.3
0503 Autumn	6.6	7.6	8.7	8.7	70.1	81.8	84.6
0505 Autumn	5.8	7.6	8.4	8.4	66.7	82.8	83.3
0601 Autumn	4.5	7.3	7.7	7.8	51.2	57.5	61.0
0603 Autumn	5.3	6.8	7.4	7.2	37.5	44.0	43.6
0605 Autumn	5.2	7.5	8.2	7.9	57.1	68.3	64.2
0607 Autumn	5.2	7.5	8.0	7.8	55.0	58.1	60.0
0609 Autumn	4.6	6.8	7.1	6.9	38.0	42.6	40.4
0610 Autumn	5.2	7.3	8.0	7.6	53.3	60.3	56.0
0613 Autumn	4.8	6.8	7.2	7.0	38.3	44.3	42.2
0701 Autumn	5.7	7.4	8.4	8.0	56.9	64.6	61.8
0703 Autumn	5.5	7.2	8.2	8.1	51.0	63.3	64.0
0705 Autumn	5.1	6.7	7.3	7.1	40.0	43.0	42.7
0707 Autumn	5.4	7.6	8.7	8.4	63.0	71.4	68.6
0709 Autumn	5.6	6.7	7.0	7.0	41.9	38.5	41.5
0711 Autumn	5.5	7.1	8.0	7.9	54.2	63.6	65.6
0713 Autumn	4.5	6.0	6.3	6.3	17.1	17.5	17.5
0771 Autumn	4.8	7.1	8.0	7.8	51.0	62.8	61.2
0773 Autumn	5.4	6.9	7.6	7.6	54.3	50.0	55.6
0775 Autumn	5.3	7.3	7.8	7.6	57.8	54.8	55.6
0781 Autumn	4.8	6.7	7.6	7.2	40.3	49.2	42.5
0801 Autumn	6.2	7.3	7.6	7.6	63.4	63.6	69.8
0803 Autumn	5.8	7.6	8.0	8.1	68.2	68.1	72.9
0805 Autumn	5.4	7.2	7.9	7.9	53.5	60.0	65.2
0901 Autumn	5.9	7.5	8.2	8.0	55.8	59.7	58.1
0903 Autumn	4.6	6.6	7.3	7.1	38.2	41.3	36.4
0905 Autumn	5.4	7.0	7.8	7.7	51.9	57.1	53.8
0907 Autumn	5.7	7.3	8.5	8.1	61.7	68.3	64.4
0909 Autumn	5.6	6.7	7.3	7.2	42.7	42.6	40.6
1001 Autumn	5.5	7.5	8.3	8.2	60.0	72.0	69.8
1003 Autumn	5.5	7.3	8.1	8.2	64.4	75.9	80.0
1005 Autumn	5.5	7.4	8.3	8.3	65.7	70.6	71.8
1007 Autumn	6.0	7.6	8.6	8.5	65.4	71.4	72.4
1009 Autumn	6.0	7.8	8.5	8.3	58.2	67.2	63.9
1011 Autumn	5.6	6.8	7.3	7.3	45.7	37.9	38.5
1013 Autumn	5.0	6.4	7.1	7.0	42.9	39.7	42.1
1081 Autumn	6.1	7.5	8.2	8.0	58.3	75.0	67.6
1083 Autumn	5.7	7.5	8.5	8.4	60.0	73.2	68.9
1101 Autumn	5.8	7.0	8.1	8.1	52.1	71.7	72.7
1105 Autumn	4.9	7.1	7.8	7.8	47.5	57.5	55.8
1109 Autumn	5.6	7.0	7.9	7.9	52.7	62.7	58.2
1111 Autumn	5.3	6.7	7.5	7.5	39.0	44.9	48.1
1113 Autumn	4.4	5.5	5.7	5.7	10.6	2.7	2.7
1201 Autumn	4.7	6.9	7.4	7.1	41.3	42.5	38.0
1203 Autumn	4.0	6.6	7.4	7.1	30.2	37.0	33.3
1207 Autumn	4.9	7.1	7.7	7.4	33.3	37.1	38.9

1209 Autumn	5.6	7.0	7.6	7.5	45.6	43.4	46.5
1301 Autumn	5.8	7.5	8.1	8.1	66.1	68.0	70.4
1303 Autumn	5.5	7.6	8.2	7.9	59.2	62.5	60.4
1305 Autumn	4.8	6.7	7.0	6.8	39.2	36.1	33.3
1307 Autumn	4.9	6.9	7.3	7.0	40.0	41.7	40.0
1309 Autumn	5.9	7.0	7.5	7.4	48.8	43.2	44.7
1311 Autumn	5.4	7.1	7.7	7.5	43.8	44.7	52.1
1403 Autumn	4.9	6.7	7.1	6.9	37.8	45.5	42.0
1405 Autumn	4.1	6.5	6.9	6.7	35.1	36.1	31.7
1407 Autumn	4.7	6.2	7.0	6.7	29.3	32.0	28.6
1409 Autumn	4.6	6.1	6.2	6.2	9.4	3.0	5.7
1411 Autumn	5.0	6.4	6.7	6.4	27.6	19.3	25.4
1413 Autumn	4.7	6.1	6.2	6.2	12.0	2.2	8.3
1501 Autumn	6.0	7.5	8.4	8.3	65.7	73.8	70.4
1503 Autumn	5.4	7.2	8.1	8.1	52.6	60.7	60.2
1505 Autumn	6.1	7.5	8.3	8.0	63.6	67.0	62.0
1601 Autumn	6.2	7.4	8.1	8.1	60.9	81.6	82.7
1603 Autumn	6.0	6.6	7.4	7.3	50.8	50.6	51.0
1605 Autumn	6.5	7.7	8.2	8.1	64.2	73.1	72.1
1607 Autumn	6.4	7.6	8.4	8.3	63.5	76.1	75.9
1609 Autumn	5.6	7.6	8.0	8.0	60.3	66.2	69.4
1611 Autumn	5.8	6.9	7.7	7.5	50.0	53.1	49.2
1701 Autumn	6.1	7.5	8.7	8.5	67.3	88.6	89.5
1703 Autumn	6.4	7.9	8.8	8.8	74.6	91.9	92.2
1705 Autumn	5.3	7.7	8.4	8.5	76.6	84.1	85.1
1707 Autumn	5.5	7.4	8.0	7.9	60.3	61.8	62.3
1709 Autumn	5.8	7.5	8.2	8.1	56.5	66.3	67.7
1807 Autumn	4.4	6.9	7.7	7.7	42.1	60.0	59.0
1809 Autumn	4.1	6.3	6.6	6.3	26.0	12.5	14.3
1901 Autumn	4.8	7.0	7.5	7.5	38.3	43.8	44.2
1903 Autumn	4.7	6.7	7.2	7.0	36.6	36.6	35.4
1907 Autumn	4.6	6.6	7.0	6.7	28.0	34.0	32.8
1909 Autumn	5.1	7.2	8.0	8.0	54.9	65.0	70.1
2001 Autumn	4.7	7.0	8.1	8.2	54.1	65.4	67.9
2003 Autumn	5.2	7.3	8.1	7.8	53.8	69.1	66.1
2005 Autumn	5.2	6.6	7.4	7.3	43.4	37.3	40.0
2007 Autumn	6.6	7.8	8.4	8.1	66.1	75.9	70.1
2009 Autumn	5.5	6.8	7.9	7.7	50.8	57.4	53.8
20100001 Autumn	6.0	7.4	8.1	7.9	64.4	72.9	71.4
20100003 Autumn	5.1	7.1	7.8	7.6	47.7	59.2	60.8
20100601 Autumn	5.9	7.2	8.0	8.0	59.5	76.6	80.4
20100603 Autumn	6.0	7.5	8.1	8.1	64.3	72.5	72.5
20100701 Autumn	5.3	7.7	8.5	8.3	68.2	78.0	78.8
20100703 Autumn	5.5	7.6	8.8	8.8	70.3	95.2	95.2
20100801 Autumn	6.3	8.1	9.0	8.9	76.5	97.3	97.4
20100901 Autumn	5.5	7.4	8.5	8.5	62.1	76.6	80.3
20101001 Autumn	5.3	6.9	8.0	7.9	51.1	61.1	61.0
20101101 Autumn	5.9	7.0	7.8	7.6	55.9	60.2	60.2
20101201 Autumn	4.7	6.9	7.0	6.9	39.5	34.8	36.2
20101203 Autumn	5.6	6.8	7.5	7.4	47.3	48.9	50.5

20101301 Autumn	5.6	6.9	7.8	7.6	53.7	58.0	56.2
20200001 Autumn	5.1	7.5	8.3	8.1	59.3	81.5	82.8
20200501 Autumn	5.3	7.7	8.5	8.3	69.7	91.7	91.9
20201001 Autumn	5.8	7.3	8.3	8.3	65.5	76.7	80.0
20201101 Autumn	5.8	8.0	8.4	8.4	89.3	97.2	97.4
20300001 Autumn	5.1	6.8	7.3	7.2	44.0	49.1	50.0
20300003 Autumn	5.8	7.5	8.3	8.2	64.0	74.6	77.6
20300601 Autumn	5.5	7.0	7.6	7.5	51.7	61.5	62.1
20301101 Autumn	4.9	7.0	7.7	7.5	48.8	56.8	54.3
20301401 Autumn	4.6	6.1	6.6	6.5	19.0	13.7	13.5
20301601 Autumn	5.9	7.3	7.7	7.7	58.8	65.6	68.3
20301603 Autumn	5.3	6.8	7.0	6.9	40.0	36.5	39.3
20301801 Autumn	5.1	7.2	7.8	7.8	52.5	60.9	66.0
20301901 Autumn	5.3	6.6	7.0	6.8	44.6	46.6	45.2
20302101 Autumn	5.1	7.3	7.6	7.4	57.4	52.6	57.1
20302201 Autumn	5.1	7.1	7.7	7.7	48.1	55.1	57.4
20302301 Autumn	5.7	7.2	8.2	8.0	64.4	77.4	75.8
20302701 Autumn	5.0	7.2	7.9	7.9	52.1	65.2	68.2
20302901 Autumn	5.3	7.1	8.0	7.7	56.1	64.7	65.4
20302903 Autumn	6.1	7.6	8.1	8.1	72.1	81.1	81.1
20302905 Autumn	4.9	6.5	7.1	7.1	37.7	36.8	41.8
20303001 Autumn	5.9	7.5	8.2	8.0	65.1	84.1	79.2
20303101 Autumn	4.6	7.1	7.6	7.6	46.5	55.8	59.5
20303401 Autumn	5.1	7.5	8.3	8.3	68.3	77.6	78.8
20303403 Autumn	4.4	6.3	6.4	6.4	21.9	20.6	20.6
20303405 Autumn	5.6	7.3	8.3	8.2	51.5	67.5	67.5
20303801 Autumn	5.0	7.3	8.0	8.0	56.5	69.8	71.1
20304101 Autumn	4.9	7.5	8.6	8.6	62.9	78.4	83.8
20304201 Autumn	6.0	7.3	8.7	8.4	64.8	81.7	78.7
20304501 Autumn	4.6	5.9	6.7	6.6	25.9	21.7	24.2
20400001 Autumn	5.8	7.2	7.9	7.4	59.3	58.7	51.3
20400003 Autumn	5.8	7.7	8.5	8.6	68.6	91.9	88.4
20400201 Autumn	5.8	7.8	8.3	8.1	65.7	84.8	84.8
20400301 Autumn	6.7	7.9	8.6	8.5	83.3	96.7	97.0
20400701 Autumn	6.1	7.6	8.2	8.2	73.3	93.3	93.3
20400901 Autumn	5.6	7.7	8.2	8.2	72.4	89.2	89.7
20500001 Autumn	5.1	7.2	8.3	8.0	56.1	75.0	75.6
20500101 Autumn	5.7	7.6	8.7	8.6	57.9	81.3	81.8
20500501 Autumn	4.4	6.0	6.3	6.2	18.0	19.4	20.0
20501301 Autumn	4.9	6.6	7.3	7.1	34.4	39.4	39.4
20600001 Autumn	6.1	7.9	8.3	8.3	78.6	92.6	92.9
20600501 Autumn	6.3	7.5	8.5	8.5	66.7	80.4	80.9
20600901 Autumn	5.8	7.6	8.3	8.3	65.8	92.1	92.5
20601301 Autumn	5.0	6.4	6.8	6.7	29.5	29.3	29.3
20601701 Autumn	5.4	7.5	8.1	8.0	58.5	75.0	75.0
2103 Autumn	4.4	6.5	7.6	7.6	41.1	45.5	51.0
2107 Autumn	5.0	7.3	8.0	7.9	61.9	68.0	69.2
2109 Autumn	5.2	7.2	7.5	7.4	52.2	58.2	58.6
2111 Autumn	4.5	5.7	6.0	5.9	20.6	13.2	15.8
2201 Autumn	6.4	7.5	8.9	8.9	66.1	85.5	83.9

2203 Autumn	6.0	7.5	9.0	9.0	71.4	81.6	80.4
2205 Autumn	6.3	7.6	8.7	8.7	65.2	83.8	82.7
2207 Autumn	6.2	7.8	8.5	8.5	72.1	83.1	80.8
2209 Autumn	6.0	7.6	8.4	8.3	69.2	78.2	75.0
2211 Autumn	5.6	7.2	7.9	7.8	65.2	61.9	63.3
2301 Autumn	4.3	6.1	6.4	6.2	27.8	24.6	22.9
2303 Autumn	4.9	6.4	6.7	6.5	26.7	19.5	18.6
2305 Autumn	4.7	6.8	7.6	7.2	45.2	47.3	45.9
2307 Autumn	4.9	6.8	7.6	7.4	39.1	49.4	49.5
23501101 Autumn	6.4	7.4	8.6	8.6	70.7	81.7	84.9
23600201 Autumn	6.6	7.9	8.5	8.5	73.3	87.5	87.8
23600301 Autumn	5.2	6.8	7.7	7.6	51.2	66.7	69.0
23600401 Autumn	6.0	7.2	8.2	8.1	63.4	82.0	82.0
23600501 Autumn	5.5	6.9	7.7	7.5	47.6	54.8	52.2
23600601 Autumn	5.8	7.3	8.3	8.4	63.0	75.5	79.2
23600701 Autumn	5.4	7.1	7.4	7.2	54.0	49.1	51.6
23600703 Autumn	5.5	7.1	8.0	7.8	51.2	61.4	61.4
23600801 Autumn	6.0	7.6	8.5	8.4	72.2	86.5	91.7
23600901 Autumn	6.1	7.7	8.4	7.8	62.5	69.2	64.7
23601201 Autumn	6.3	7.9	8.7	8.7	77.8	90.4	90.9
23601401 Autumn	5.7	7.4	8.1	7.9	59.3	64.2	66.2
23601501 Autumn	5.1	6.3	6.3	6.3	31.5	14.3	20.7
2401 Autumn	5.6	7.1	8.3	8.2	60.5	68.8	67.6
2403 Autumn	4.8	6.4	7.8	7.4	37.8	40.5	34.5
2405 Autumn	4.6	5.9	7.0	6.8	27.7	39.2	33.3
2409 Autumn	4.5	5.5	5.6	5.6	10.0	4.2	3.9
2505 Autumn	4.9	7.2	7.7	7.5	51.2	58.7	57.1
2507 Autumn	4.1	6.6	7.2	7.3	35.7	42.9	45.5
2509 Autumn	4.5	5.4	5.2	5.2	12.3	2.7	2.7
2513 Autumn	4.6	6.6	6.9	6.6	25.0	24.2	19.0
2521 Autumn	4.6	6.5	7.0	6.9	29.0	32.3	31.9
2523 Autumn	4.1	5.4	5.4	5.4	15.6	2.4	2.4
2601 Autumn	5.2	7.2	7.8	7.8	61.7	62.5	64.3
2605 Autumn	4.3	6.5	6.8	6.7	25.0	26.5	26.5
2607 Autumn	5.2	6.8	7.2	7.1	43.2	38.1	42.9
2609 Autumn	4.5	6.0	6.6	6.6	19.6	19.0	18.3
2611 Autumn	5.3	7.2	7.8	7.6	56.7	62.2	63.9
2619 Autumn	4.8	6.5	7.0	6.9	39.0	33.9	38.8
2621 Autumn	4.7	6.5	7.0	6.8	31.3	29.3	30.3
2703 Autumn	5.5	7.7	8.5	8.4	77.4	82.4	81.1
2705 Autumn	6.6	7.6	8.3	8.3	67.3	84.8	79.6
2707 Autumn	5.4	7.8	8.7	8.7	72.7	84.6	81.0
2709 Autumn	6.7	7.9	8.7	8.7	82.5	91.1	91.7
2711 Autumn	6.6	8.1	8.8	8.8	76.2	89.4	89.8
2713 Autumn	5.7	7.3	8.3	8.3	69.8	72.7	78.3
2715 Autumn	5.2	6.8	7.9	7.6	51.0	55.4	55.1
2717 Autumn	5.4	6.9	7.9	7.9	52.9	58.3	58.5
2719 Autumn	4.7	6.9	7.9	7.9	48.4	65.6	61.8
2721 Autumn	4.7	6.9	7.8	7.8	55.0	53.6	51.6
2801 Autumn	6.8	8.0	8.9	8.9	82.7	95.1	92.5

2815 Autumn	3.8	6.0	6.4	6.4	8.1	15.0	13.3
2901 Autumn	6.7	8.0	8.8	8.8	78.4	94.7	95.0
2903 Autumn	6.0	7.2	8.1	8.1	58.3	68.6	72.2
2905 Autumn	5.8	7.1	7.7	7.7	51.2	68.0	65.5
2907 Autumn	5.6	7.1	7.8	7.8	51.7	59.4	66.7
2909 Autumn	5.8	7.7	8.3	8.3	59.6	74.6	70.6
2911 Autumn	4.8	7.6	7.9	7.9	58.3	64.1	67.6
3001 Autumn	5.9	7.7	8.6	8.6	65.7	89.7	90.2
3003 Autumn	5.8	7.6	8.2	8.2	61.3	80.6	76.3
3005 Autumn	4.7	7.1	8.7	8.6	47.4	65.0	67.5
3007 Autumn	5.1	7.5	8.0	8.1	61.5	67.7	67.6
3101 Autumn	6.0	7.3	8.4	8.4	62.3	79.2	85.2
3103 Autumn	4.6	6.0	6.7	6.4	20.4	20.4	17.7
3105 Autumn	5.9	7.2	7.8	7.8	57.4	42.9	49.3
3107 Autumn	5.8	7.0	7.9	7.8	44.3	53.1	48.9
3109 Autumn	5.4	6.3	7.0	6.9	25.3	26.6	28.0
3111 Autumn	5.6	6.8	7.8	7.6	43.4	46.6	50.0
3141 Autumn	5.5	6.7	9.4	8.7	67.7	80.8	82.8
3144 Autumn	5.1	6.6	8.3	7.6	46.7	57.1	56.0
3145 Autumn	5.7	7.4	8.8	8.8	76.0	100.0	100.0
3150 Autumn	6.2	7.7	8.7	8.5	74.4	88.9	87.5
3151 Autumn	5.8	7.4	8.2	7.9	48.3	78.3	64.3
3152 Autumn	6.3	8.1	8.3	8.3	78.1	80.0	80.0
3153 Autumn	6.3	7.4	8.3	8.3	77.8	87.5	87.8
3157 Autumn	5.6	7.3	8.1	8.0	48.3	55.4	52.5
3160 Autumn	6.3	7.6	8.3	8.3	71.4	83.8	84.2
3162 Autumn	6.7	7.9	9.2	9.2	83.0	92.5	92.8
3163 Autumn	5.6	7.5	8.4	8.4	57.4	66.0	68.6
3166 Autumn	6.1	7.8	8.5	8.5	70.2	79.1	78.0
3205 Autumn	6.3	7.5	8.5	8.5	77.6	84.6	86.7
3207 Autumn	6.0	7.8	8.4	8.4	70.5	89.1	90.0
3301 Autumn	6.3	7.8	8.4	8.4	84.6	96.2	90.6
3303 Autumn	6.4	7.6	8.6	8.6	84.2	94.1	88.6
3305 Autumn	6.9	8.1	8.7	8.7	85.3	87.5	84.3
3307 Autumn	6.7	8.6	8.8	8.8	86.1	95.2	90.4
3309 Autumn	5.4	8.2	8.8	8.5	71.1	71.4	74.5
3311 Autumn	5.7	7.2	7.8	7.4	57.1	51.0	50.0
3313 Autumn	5.1	6.1	6.3	6.3	16.7	9.8	8.2
3315 Autumn	4.6	6.2	6.5	6.5	9.3	15.2	13.5
3317 Autumn	4.2	5.9	6.0	6.2	10.8	5.9	5.4
3372 Autumn	6.3	7.7	9.4	9.3	74.2	89.2	88.0
3376 Autumn	6.7	7.5	8.5	8.5	69.4	85.1	84.7
3381 Autumn	6.2	7.0	8.2	8.2	57.1	75.0	75.0
3385 Autumn	5.8	7.7	8.5	8.5	80.0	83.3	75.0
3389 Autumn	6.2	7.8	8.8	8.6	67.4	79.2	73.7
3391 Autumn	6.4	7.7	8.5	8.2	66.1	69.2	68.4
3393 Autumn	5.7	7.0	7.6	7.4	47.4	53.5	52.0
3395 Autumn	5.9	7.3	8.7	8.7	67.4	84.0	81.5
3397 Autumn	5.4	7.0	7.5	7.3	41.7	45.3	44.1
3401 Autumn	6.5	7.6	8.6	8.6	85.0	88.9	89.3

3403 Autumn	5.7	7.6	8.1	8.1	56.3	78.3	74.1
3405 Autumn	6.6	8.0	8.9	8.8	72.2	94.4	85.7
3407 Autumn	5.8	8.2	8.3	8.3	70.8	88.0	81.5
3409 Autumn	6.1	7.6	8.3	8.3	67.6	87.2	83.7
3413 Autumn	5.3	7.3	7.9	7.7	47.5	56.0	59.6
3501 Autumn	6.1	8.1	8.6	8.6	73.1	100.0	92.9
3503 Autumn	7.6	8.1	8.8	8.7	93.8	100.0	100.0
3505 Autumn	6.7	7.7	8.7	8.7	87.5	100.0	100.0
3507 Autumn	5.8	7.9	8.5	8.6	82.4	100.0	100.0
3509 Autumn	5.7	7.6	8.5	8.4	77.3	88.0	88.5
3511 Autumn	5.5	7.4	8.4	8.4	74.1	91.3	86.2
3513 Autumn	5.8	7.4	8.2	8.2	60.6	73.8	78.0
3515 Autumn	5.5	7.3	8.0	7.9	55.6	63.6	64.4
3581 Autumn	6.9	7.7	9.0	9.0	78.3	94.4	94.8
3601 Autumn	6.9	7.6	8.4	8.4	70.6	90.2	90.5
3603 Autumn	6.6	7.4	8.2	8.2	67.4	70.5	75.6
3605 Autumn	5.9	7.5	8.1	8.1	54.8	75.9	81.5
3607 Autumn	6.3	7.3	8.5	8.2	60.9	70.6	67.9
3609 Autumn	5.7	7.2	8.0	7.9	52.4	66.7	67.3
3701 Autumn	6.4	7.6	8.4	8.2	66.7	80.6	77.1
3703 Autumn	6.2	7.7	8.3	8.3	69.2	89.1	89.4
3704 Autumn	5.1	6.7	7.2	6.8	43.6	44.1	33.3
3705 Autumn	5.6	7.6	8.5	8.3	74.3	89.2	85.4
3709 Autumn	6.1	7.1	8.2	8.2	63.2	83.3	84.1
3711 Autumn	6.2	7.2	8.0	7.8	56.1	59.7	63.4
3713 Autumn	5.6	7.3	7.9	7.8	58.3	56.3	67.2
3715 Autumn	5.2	7.3	7.6	7.6	50.0	50.0	56.1
3717 Autumn	5.7	6.8	7.3	7.2	46.7	47.8	53.5
3781 Autumn	6.8	7.8	8.3	8.3	82.6	77.3	80.0
3783 Autumn	7.4	7.8	8.5	8.5	83.3	85.2	85.2
3785 Autumn	6.2	7.1	8.5	8.4	73.1	84.2	85.0
3791 Autumn	6.8	7.4	8.3	8.3	84.6	85.7	86.2
3801 Autumn	6.3	7.9	9.3	9.1	69.5	86.9	82.9
3803 Autumn	5.7	7.8	8.5	8.4	68.4	80.7	77.3
3805 Autumn	5.2	7.0	8.1	7.9	45.2	61.7	60.6
3807 Autumn	4.4	6.7	7.7	7.6	35.7	46.3	45.5
3809 Autumn	5.3	6.6	7.4	7.2	38.5	36.1	34.1
3903 Autumn	7.1	8.0	8.8	8.7	83.0	93.5	90.4
3905 Autumn	6.1	8.1	8.8	8.8	68.4	96.0	88.9
3907 Autumn	6.3	8.2	8.5	8.5	75.0	93.5	87.9
3909 Autumn	6.9	7.7	8.4	8.4	73.5	87.2	84.6
3911 Autumn	7.2	7.8	8.5	8.5	73.7	92.7	92.9
3913 Autumn	6.4	7.7	8.5	8.5	66.0	87.0	84.7
3915 Autumn	6.4	7.8	8.4	8.4	77.1	92.7	89.1
4001 Autumn	6.3	7.6	8.3	8.3	81.5	89.3	90.0
4003 Autumn	6.6	7.7	8.3	8.3	68.6	83.7	82.1
4005 Autumn	7.1	8.1	8.7	8.7	84.8	93.5	98.0
4009 Autumn	6.7	7.6	8.3	8.3	66.7	83.3	84.8
4011 Autumn	6.3	7.8	8.4	8.4	68.1	87.7	91.7
4013 Autumn	6.5	7.9	8.5	8.5	73.0	86.1	82.5

4017 Autumn	6.3	8.4	9.1	9.1	83.8	95.5	95.7
4101 Autumn	6.4	7.6	8.8	8.8	78.4	90.2	90.7
4103 Autumn	6.6	7.6	8.6	8.6	61.0	82.9	78.3
4105 Autumn	5.7	7.9	8.6	8.6	74.2	91.2	85.0
4107 Autumn	5.9	7.8	8.4	8.4	72.2	81.6	82.1
4109 Autumn	5.5	7.4	8.2	8.1	58.3	66.7	62.8
4111 Autumn	5.7	7.2	7.6	7.6	59.4	71.4	71.4
4201 Autumn	5.9	8.3	9.5	9.5	75.0	95.2	96.2
4203 Autumn	5.7	7.6	8.5	8.5	72.2	92.3	93.0
4205 Autumn	6.0	8.0	8.6	8.6	70.8	88.2	84.5
4207 Autumn	6.2	7.9	8.7	8.7	71.4	84.7	86.6
4209 Autumn	5.7	7.8	8.9	8.7	73.8	82.1	85.5
4211 Autumn	6.2	8.5	8.7	8.7	79.5	87.0	87.3
4301 Autumn	6.4	7.3	8.8	8.7	71.4	100.0	100.0
4303 Autumn	6.6	7.3	8.4	8.4	73.3	97.3	97.4
4305 Autumn	6.8	7.7	8.4	8.4	84.2	89.3	89.3
4307 Autumn	6.3	7.3	8.2	8.1	71.4	73.7	73.7
4309 Autumn	6.6	7.4	8.4	8.4	70.8	91.7	92.0
4311 Autumn	6.6	7.0	7.6	7.6	56.1	63.0	63.0
4313 Autumn	6.9	7.7	8.3	8.3	78.8	86.5	86.8
4381 Autumn	6.3	7.5	8.1	8.1	79.2	80.0	81.0
4401 Autumn	6.3	7.7	8.5	8.5	82.8	92.0	92.3
4403 Autumn	6.3	7.6	8.0	7.9	78.4	79.1	80.4
4405 Autumn	6.9	7.4	8.6	8.7	73.3	84.0	82.8
4407 Autumn	6.2	7.2	7.9	7.9	57.6	67.2	67.6
4409 Autumn	5.1	6.8	7.7	7.4	45.5	50.0	55.6
4601 Autumn	5.8	7.5	8.1	8.0	69.8	69.0	70.5
4701 Autumn	5.8	7.1	8.1	8.1	53.3	87.5	79.3
4703 Autumn	7.1	7.4	8.5	8.5	78.3	100.0	100.0
4705 Autumn	6.6	7.5	8.8	8.8	71.0	100.0	93.8
4707 Autumn	7.3	7.6	8.0	8.0	76.9	90.0	90.9
4801 Autumn	6.9	7.6	8.3	8.3	78.6	87.1	81.8
4803 Autumn	6.5	7.8	8.5	8.5	83.3	88.1	88.9
4805 Autumn	6.9	7.8	8.5	8.5	73.9	84.8	85.1
4807 Autumn	6.1	7.6	8.4	8.4	64.3	81.8	78.3
4881 Autumn	5.8	7.1	8.0	8.0	65.2	72.2	72.2
4885 Autumn	5.8	7.4	8.2	8.2	65.4	76.0	76.0
4901 Autumn	6.5	8.1	9.1	9.1	88.0	100.0	100.0
4903 Autumn	6.6	8.2	8.8	8.7	75.9	95.8	96.0
4905 Autumn	6.4	7.5	8.3	8.3	70.4	88.0	89.3
4907 Autumn	5.6	7.0	7.7	7.7	55.3	68.8	74.2
4909 Autumn	6.2	7.4	8.3	8.3	62.7	75.0	77.8
4911 Autumn	5.3	7.3	8.1	8.1	53.6	70.2	74.5
4913 Autumn	5.1	8.0	8.3	8.3	61.1	93.8	93.8
4915 Autumn	4.9	6.9	7.8	7.6	50.0	51.9	50.5
4917 Autumn	5.6	6.9	7.9	7.7	53.5	61.6	58.9
4971 Autumn	5.9	7.7	8.9	8.8	63.3	85.2	85.5
4975 Autumn	5.8	7.8	8.6	8.6	73.8	81.8	83.3
4979 Autumn	5.1	6.6	7.7	7.4	37.8	46.0	46.2
4983 Autumn	5.1	6.7	7.4	7.2	39.1	48.8	46.2

4987 Autumn	5.4	7.1	8.0	8.0	50.9	58.2	58.2
4991 Autumn	5.5	7.2	8.3	8.0	50.6	57.5	54.5
4995 Autumn	5.0	6.3	7.5	7.4	36.0	36.0	36.5
5001 Autumn	6.3	7.8	8.9	8.8	69.6	82.9	83.3
5003 Autumn	6.0	7.7	8.0	8.0	59.2	75.6	71.4
5005 Autumn	6.1	7.5	8.0	8.0	61.2	69.6	72.0
5007 Autumn	5.0	7.0	7.6	7.5	40.0	49.0	51.9
5009 Autumn	5.6	7.0	7.4	7.4	48.1	52.6	54.2
5101 Autumn	5.8	7.5	8.5	8.5	57.6	83.3	84.0
5103 Autumn	5.6	7.4	8.2	8.0	56.9	69.2	68.2
5105 Autumn	5.6	7.2	7.8	7.6	49.1	52.9	50.9
5107 Autumn	5.5	6.9	7.4	7.2	42.6	48.1	43.5
5109 Autumn	5.8	7.1	7.5	7.4	54.0	54.7	55.1
5183 Autumn	5.0	6.8	7.4	7.2	39.1	42.9	39.6
5201 Autumn	6.5	8.0	8.7	8.6	64.0	83.3	83.3
5203 Autumn	4.7	6.7	7.7	7.5	38.0	46.7	42.9
5207 Autumn	4.0	5.4	5.7	5.7	10.8	4.9	4.8
5301 Autumn	5.8	6.7	7.1	7.1	42.6	37.0	37.5
5303 Autumn	6.5	7.5	8.1	8.1	63.3	66.2	69.8
5305 Autumn	6.6	7.4	8.0	8.0	62.7	70.0	73.5
5307 Autumn	6.4	7.3	8.0	8.0	63.2	71.7	76.6
5309 Autumn	5.5	6.2	6.5	6.5	28.4	20.2	22.2
5381 Autumn	6.4	7.2	7.6	7.4	46.6	58.0	55.4
5383 Autumn	6.4	7.4	7.8	7.9	52.9	56.7	64.3
5385 Autumn	4.9	6.5	7.0	7.0	28.6	40.0	40.0
5401 Autumn	4.3	5.9	6.0	5.9	16.7	9.8	8.5
5403 Autumn	3.9	5.2	5.7	5.5	2.1	1.7	1.4
5407 Autumn	4.7	6.5	6.6	6.4	34.0	14.5	20.3
5501 Autumn	4.3	5.6	5.6	5.5	9.1	5.7	5.5
5503 Autumn	4.8	7.0	7.6	7.2	38.8	51.0	46.4
5505 Autumn	4.4	6.1	6.0	5.9	27.5	18.0	17.5
5507 Autumn	5.3	6.3	6.9	6.8	36.1	33.8	32.0
5509 Autumn	4.2	5.8	6.0	5.9	16.9	13.6	13.6
5601 Autumn	6.7	7.9	8.9	8.9	75.5	83.1	86.7
5603 Autumn	6.4	7.9	8.7	8.7	71.2	79.6	75.9
5605 Autumn	6.2	7.6	8.4	8.4	59.7	74.6	73.3
5607 Autumn	5.7	7.3	7.9	7.8	57.4	62.7	62.0
5609 Autumn	5.3	7.0	7.6	7.6	45.3	40.4	40.4
5613 Autumn	6.8	7.7	8.5	8.5	79.5	95.5	95.8
5615 Autumn	7.1	7.9	8.6	8.6	72.5	94.5	91.8
5617 Autumn	6.4	7.6	8.3	8.3	73.1	79.0	77.6
5619 Autumn	6.5	7.8	8.4	8.4	67.6	80.5	80.5
5621 Autumn	5.3	6.8	7.1	6.9	34.6	36.2	33.8
5623 Autumn	5.4	6.4	6.7	6.6	32.5	26.0	25.0
5671 Autumn	5.9	7.3	8.8	8.6	57.1	74.5	69.7
5673 Autumn	6.4	7.7	8.4	8.2	63.6	80.9	72.7
5675 Autumn	6.4	7.6	8.2	8.1	62.3	71.6	68.8
5677 Autumn	6.1	7.4	7.9	7.7	57.9	64.1	55.3
5681 Autumn	6.9	8.3	8.8	8.7	71.7	86.7	87.1
5691 Autumn	5.6	7.3	7.9	8.1	42.9	80.0	76.9

5693 Autumn	6.3	7.8	8.7	8.5	68.6	86.4	83.7
5695 Autumn	5.5	7.4	8.9	8.7	58.8	77.8	79.3
5697 Autumn	6.1	7.1	7.7	7.6	53.5	56.4	54.8
5701 Autumn	6.9	7.8	9.1	9.1	75.9	90.5	91.0
5703 Autumn	6.5	8.1	9.2	9.2	76.8	90.3	90.8
5705 Autumn	6.7	8.0	9.5	9.4	76.2	97.5	97.7
5707 Autumn	6.5	7.8	8.8	8.8	76.3	86.5	87.3
5709 Autumn	5.6	7.5	8.6	8.6	61.2	75.6	77.1
5711 Autumn	6.6	8.4	9.3	9.3	77.5	95.1	91.3
5713 Autumn	6.3	7.8	8.7	8.7	66.0	82.0	80.0
5715 Autumn	6.3	8.8	8.6	8.6	87.5	93.3	88.6
5717 Autumn	5.7	7.5	8.5	8.4	62.9	70.5	72.6
5801 Autumn	6.5	7.5	9.0	8.9	70.7	83.7	84.9
5803 Autumn	6.2	7.1	8.6	8.5	58.8	77.7	77.5
5805 Autumn	6.0	7.3	8.4	8.1	55.3	66.3	63.0
5841 Autumn	5.7	7.1	8.5	8.5	61.1	91.7	88.5
5844 Autumn	5.9	7.1	8.4	8.4	64.0	73.3	68.8
5845 Autumn	5.2	7.2	8.3	8.3	57.7	68.8	70.6
5848 Autumn	7.0	8.1	9.0	9.0	87.8	97.8	98.0
5850 Autumn	6.1	8.4	9.4	9.3	81.0	95.2	100.0
5851 Autumn	5.8	7.6	8.5	8.2	65.1	88.6	77.3
5852 Autumn	5.7	7.3	8.7	8.5	74.5	90.3	83.8
5854 Autumn	5.0	7.4	8.2	8.2	65.8	74.3	75.0
5855 Autumn	5.5	7.9	9.0	8.6	66.0	80.4	75.0
5856 Autumn	5.2	6.8	7.0	7.0	45.7	29.7	29.7
5861 Autumn	6.2	9.5	9.4	9.4	83.8	94.6	95.0
5864 Autumn	5.3	7.5	8.1	7.9	50.0	58.8	57.7
5881 Autumn	6.0	7.4	8.3	8.3	68.9	84.8	85.4
5887 Autumn	6.1	7.1	8.2	8.0	55.7	64.6	63.2
5891 Autumn	6.2	7.4	8.4	8.3	56.6	75.0	74.5
5895 Autumn	6.0	7.1	8.2	8.1	50.0	60.2	58.6
5901 Autumn	6.1	7.3	8.0	7.9	64.3	71.2	70.9
5903 Autumn	5.6	7.4	8.0	8.0	59.5	79.5	81.8
5905 Autumn	5.4	7.2	8.6	8.4	60.0	73.1	75.0
6001 Autumn	4.1	6.8	7.7	7.3	38.2	51.5	47.2
6005 Autumn	4.5	7.0	7.3	7.1	48.8	49.1	48.3
6009 Autumn	4.6	6.2	6.5	6.3	20.0	22.2	19.2
6101 Autumn	4.2	6.1	6.5	6.4	25.4	20.9	23.0
6103 Autumn	4.2	6.2	6.8	6.7	29.3	32.2	33.3
6105 Autumn	5.1	6.0	6.0	5.9	29.0	15.0	16.0
6107 Autumn	5.0	5.8	6.3	6.2	25.6	19.6	19.8
6109 Autumn	4.5	5.8	5.9	5.8	18.8	14.1	13.1
6111 Autumn	4.7	5.6	5.5	5.5	16.4	3.7	4.8
6201 Autumn	4.1	6.1	7.1	6.8	27.5	24.0	18.8
6213 Autumn	5.1	5.8	5.8	5.8	16.7	10.3	11.0
6215 Autumn	4.8	5.8	6.1	6.0	12.5	13.2	11.8
6242 Autumn	4.1	6.1	6.5	6.4	20.8	13.0	11.5
6258 Autumn	5.0	6.5	7.2	6.9	30.5	31.7	30.3
6259 Autumn	4.3	5.9	6.4	6.2	21.3	12.0	10.5
6261 Autumn	4.5	5.9	5.9	5.9	13.0	3.6	3.5

6264 Autumn	5.2	6.3	7.0	6.9	31.6	37.3	35.7
6265 Autumn	4.4	5.6	5.7	5.7	15.7	5.0	5.0
6285 Autumn	4.9	6.5	6.6	6.5	34.8	21.3	21.5
6289 Autumn	5.6	6.7	7.4	7.3	42.3	41.7	45.2
6293 Autumn	4.3	5.3	5.3	5.2	9.2	0.9	0.9
6381 Autumn	5.1	7.4	8.1	7.9	68.8	62.5	64.0
6405 Autumn	4.2	7.0	7.8	7.5	42.2	59.4	46.7
6409 Autumn	4.6	7.1	7.6	7.5	44.1	58.1	58.1
6413 Autumn	5.0	6.4	6.4	6.3	26.3	18.9	20.9
6417 Autumn	4.8	6.3	6.3	6.3	18.5	9.1	9.1
6501 Autumn	6.3	7.9	9.0	9.0	73.7	84.6	86.0
6615 Autumn	5.0	6.1	6.3	6.3	10.4	7.0	6.8
6691 Autumn	5.9	7.9	8.8	8.3	66.7	75.0	70.0
6693 Autumn	5.9	7.4	8.5	8.4	63.4	72.4	75.0
6701 Autumn	6.6	7.6	8.5	8.3	64.2	75.6	76.1
6801 Autumn	6.3	7.2	7.9	7.9	45.0	74.3	70.3
6811 Autumn	4.9	5.0	5.3	5.2	12.0	8.4	7.7
6840 Autumn	6.3	7.6	8.5	8.5	62.2	70.7	72.1
6841 Autumn	3.8	5.7	6.4	6.3	16.1	14.3	14.3
6844 Autumn	5.1	7.1	8.6	7.8	61.3	72.7	63.3
6845 Autumn	4.6	6.9	7.5	7.5	38.9	57.1	57.1
6847 Autumn	3.8	6.1	6.5	6.4	22.5	20.6	17.1
6848 Autumn	5.0	7.9	9.0	8.1	56.7	75.0	63.3
6849 Autumn	5.0	6.6	7.7	7.6	32.5	53.6	50.0
6856 Autumn	5.6	7.4	7.7	7.7	66.7	71.4	73.3
6857 Autumn	4.6	6.2	6.6	6.5	28.8	21.3	26.4
6858 Autumn	5.3	7.0	7.4	7.3	45.0	38.5	45.6
6862 Autumn	5.4	6.2	6.2	6.1	24.3	11.1	10.2
6863 Autumn	5.8	6.9	7.2	7.1	41.8	38.1	41.2
6911 Autumn	5.6	6.3	6.2	6.3	22.6	10.5	9.7
6913 Autumn	5.4	6.0	6.2	6.1	15.9	13.0	10.6
6915 Autumn	5.3	5.6	5.7	5.5	5.5	6.2	4.7
6917 Autumn	4.9	5.8	6.0	6.0	9.8	15.6	14.5
6919 Autumn	5.3	5.7	6.2	6.1	9.1	13.8	12.0
6921 Autumn	5.0	6.4	6.4	6.4	20.0	26.7	27.7
6981 Autumn	4.0	6.1	6.0	5.9	27.5	21.3	18.6
6985 Autumn	5.3	6.4	7.3	7.0	33.8	34.8	33.7
6993 Autumn	5.1	6.1	6.2	6.0	14.3	7.3	7.0
7001 Autumn	7.2	7.9	8.7	8.7	100.0	96.6	96.6
7104 Autumn	4.9	6.5	7.6	7.4	36.4	47.6	45.7
7107 Autumn	5.8	7.3	8.1	7.8	46.9	64.3	53.5
7110 Autumn	5.8	7.3	8.0	7.9	57.9	68.7	64.1
7113 Autumn	5.8	7.1	7.9	7.7	54.9	58.8	54.5
7116 Autumn	4.8	6.7	7.4	7.3	44.8	45.2	44.8
7119 Autumn	5.3	7.1	8.1	7.9	54.7	57.1	56.8
7122 Autumn	5.0	6.8	6.9	6.8	40.4	28.1	25.4
7127 Autumn	5.0	6.1	6.5	6.2	25.0	20.5	16.5
7143 Autumn	5.1	6.9	7.6	7.4	50.9	44.7	41.5
7145 Autumn	5.5	6.7	7.6	7.2	33.9	37.7	33.8
7149 Autumn	5.2	6.4	7.2	7.2	38.5	44.8	45.5

7153 Autumn	4.4	6.6	7.8	7.5	48.6	55.6	48.5
7189 Autumn	5.6	6.5	6.9	6.8	44.4	40.7	35.8
7192 Autumn	6.1	6.9	7.7	7.5	46.5	53.2	50.7
7195 Autumn	5.5	6.4	7.0	7.0	34.4	37.3	36.1
7205 Autumn	6.2	7.5	8.0	7.9	76.7	67.4	69.4
7217 Autumn	6.3	7.4	8.5	8.5	60.8	73.0	73.0
7305 Autumn	5.6	7.3	8.5	8.5	63.6	88.9	89.7
7311 Autumn	6.1	7.7	8.6	8.6	66.7	87.8	88.1
7405 Autumn	6.3	7.5	7.9	7.9	69.6	68.6	70.4
7413 Autumn	6.6	7.7	8.2	8.1	74.5	76.8	76.8
7417 Autumn	6.5	7.4	8.3	8.2	72.1	76.7	77.3
7505 Autumn	6.6	7.8	8.5	8.6	85.0	90.2	90.7
7511 Autumn	6.5	8.3	9.3	9.3	89.5	100.0	100.0
7605 Autumn	5.8	7.0	8.0	8.0	50.0	66.7	66.7
7611 Autumn	4.7	7.0	7.5	7.5	25.0	50.0	50.0
7705 Autumn	6.7	8.0	8.8	8.7	80.0	100.0	100.0
8205 Autumn	6.3	7.7	8.7	8.7	64.7	87.0	87.5
8209 Autumn	6.5	8.0	8.9	8.9	73.2	90.7	91.2
8213 Autumn	6.0	7.7	8.3	8.3	65.2	75.8	76.9
8217 Autumn	5.3	7.2	7.7	7.6	46.6	52.5	53.8
8221 Autumn	5.3	7.2	7.7	7.7	43.3	45.1	45.5
8281 Autumn	6.4	7.8	8.6	8.5	65.4	80.7	77.6
8285 Autumn	6.4	7.6	7.9	8.0	60.6	63.6	66.3
8289 Autumn	6.1	7.6	8.2	8.2	78.1	78.1	75.7
8305 Autumn	6.0	7.5	8.1	7.7	61.4	68.2	63.8
8309 Autumn	5.3	7.0	7.3	7.2	46.2	38.1	40.9
8313 Autumn	4.8	6.0	6.3	6.2	22.0	18.8	20.8
8317 Autumn	4.3	5.7	6.1	6.1	20.3	13.1	19.1
8421 Autumn	5.7	7.0	7.7	7.6	45.6	58.6	58.3
8425 Autumn	5.4	7.0	7.5	7.4	49.0	46.9	48.0
8429 Autumn	5.3	6.9	7.5	7.4	45.2	52.5	54.2
8505 Autumn	4.9	6.8	7.7	7.4	36.7	43.1	38.8
8509 Autumn	5.2	7.1	7.8	7.6	43.3	51.8	47.6
8513 Autumn	5.7	6.9	8.1	7.9	48.9	61.4	59.2
8517 Autumn	5.4	6.8	7.8	7.6	44.0	52.8	52.6
8521 Autumn	5.9	7.4	7.6	7.5	44.8	45.7	45.5
8605 Autumn	6.4	7.5	8.6	8.5	70.0	93.8	94.4
8609 Autumn	6.7	8.1	8.4	8.3	79.5	88.6	90.2
8613 Autumn	6.9	7.9	8.4	8.4	71.2	85.3	84.2
8705 Autumn	6.0	7.8	8.9	8.9	68.6	89.2	89.7
8709 Autumn	6.1	7.6	8.4	8.2	64.7	83.3	85.0
8713 Autumn	6.5	7.6	8.6	8.5	67.3	87.3	85.5
8805 Autumn	6.0	7.3	8.1	7.9	58.1	68.6	65.5
8809 Autumn	6.3	7.8	8.5	8.2	67.3	82.2	80.0
8905 Autumn	5.9	7.6	8.0	8.0	70.6	73.3	75.0
8909 Autumn	6.6	7.4	7.9	7.9	71.0	74.2	66.7
8913 Autumn	4.7	6.5	6.9	6.6	35.3	33.3	33.3
8921 Autumn	5.7	7.0	9.0	8.5	70.0	100.0	100.0
8925 Autumn	6.3	7.4	8.1	8.1	81.8	84.0	85.7
9009 Autumn	5.8	7.3	8.3	8.1	63.9	80.5	80.5

9105 Autumn	4.4	7.3	7.8	7.7	45.7	56.3	56.3
9109 Autumn	4.8	6.3	7.1	6.9	36.0	31.9	32.7
9113 Autumn	3.8	4.6	5.0	4.8	5.3	1.4	1.4
9121 Autumn	4.7	7.0	7.3	7.3	46.8	46.2	47.2
9205 Autumn	6.6	8.1	8.9	8.9	81.6	97.7	97.9
9481 Autumn	6.3	7.4	9.4	9.4	73.5	93.5	94.1
9485 Autumn	6.3	7.7	8.8	8.7	71.9	81.0	83.1
9581 Autumn	6.1	6.9	8.6	8.2	49.0	67.4	56.4
9585 Autumn	4.5	6.8	9.0	8.2	52.9	63.6	63.6
9603 Autumn	6.2	7.4	8.6	8.6	63.2	74.6	75.0
9607 Autumn	6.1	7.6	8.5	8.5	65.4	82.0	77.8
9611 Autumn	6.4	7.3	8.8	8.8	68.1	77.5	75.6
9615 Autumn	6.0	7.0	8.0	7.8	51.1	55.8	54.0
9703 Autumn	7.0	7.4	8.6	8.6	65.6	87.2	94.4
9711 Autumn	5.7	7.7	7.8	7.8	57.9	68.8	68.8
9903 Autumn	6.6	7.9	8.8	8.8	74.3	81.6	85.2
AN02 Autumn	5.4	6.5	7.1	6.9	34.7	40.0	37.8
AN03 Autumn	4.7	5.7	5.6	5.6	16.3		1.7
AN04 Autumn	4.1	5.8	5.7	5.7	13.6	4.2	4.1
AN05 Autumn	4.6	6.0	6.0	6.0	17.3	6.3	6.7
AN06 Autumn	5.3	7.1	8.5	8.4	50.0	70.0	63.0
AN07 Autumn	5.5	7.3	8.3	8.2	55.1	71.8	68.2
AN08 Autumn	5.8	7.2	7.9	7.7	54.8	53.3	48.3
AN09 Autumn	5.4	6.8	7.6	7.3	40.4	50.0	46.7
CL02 Autumn	5.6	7.4	8.4	8.4	57.1	71.7	69.0
CL04 Autumn	5.5	7.4	8.1	8.1	62.8	72.9	72.2
CL05 Autumn	7.2	8.8	9.3	9.3	85.2	100.0	100.0
FO01 Autumn	5.4	7.7	8.6	8.6	66.7	74.1	70.0
FO02 Autumn	5.4	7.1	7.8	7.8	50.0	57.4	55.1
FO03 Autumn	6.0	7.7	9.0	8.8	69.6	88.1	84.9
HI01 Autumn	6.7	7.5	8.4	8.4	84.6	86.7	87.5
HI02 Autumn	7.3	8.1	8.9	8.9	85.7	97.5	97.6
HI03 Autumn	6.7	7.6	9.0	9.0	75.0	100.0	100.0
HI04 Autumn	6.8	7.9	8.8	8.8	85.7	100.0	100.0
HI05 Autumn	6.8	7.6	8.7	8.7	72.4	86.2	96.2
HI06 Autumn	6.2	7.1	8.7	8.7	64.3	88.6	89.2
HI07 Autumn	6.8	7.7	8.8	8.7	74.4	90.7	90.9
HI08 Autumn	6.5	8.0	8.6	8.6	83.3	90.5	91.8
HI09 Autumn	6.8	8.0	9.0	9.0	79.6	96.8	97.1
HI10 Autumn	6.6	8.0	8.8	8.8	68.4	82.6	88.9
NE01 Autumn	6.9	8.1	9.0	9.0	75.4	91.5	89.9
NE02 Autumn	7.1	7.8	8.5	8.4	69.4	83.9	79.7
NE03 Autumn	6.0	7.9	8.8	8.6	67.3	80.8	82.5
NE05 Autumn	6.7	8.2	9.2	9.1	79.6	93.5	93.9
NE06 Autumn	6.2	7.6	8.5	8.3	63.0	83.7	80.8
NH01 Autumn	5.4	7.1	7.9	7.8	47.9	51.2	51.1
NH02 Autumn	5.4	6.8	7.8	7.8	59.4	60.0	58.6
NH03 Autumn	5.4	7.3	8.4	8.4	56.1	68.4	69.5
NH04 Autumn	5.4	7.1	7.8	7.8	45.5	59.5	55.0
NH05 Autumn	6.3	8.1	8.8	8.8	74.5	78.2	79.7

NH06 Autumn	5.3	7.1	7.9	7.6	51.2	61.8	61.5
NH07 Autumn	6.8	7.6	8.4	8.4	85.2	91.2	86.5
NH09 Autumn	6.5	7.7	8.4	8.4	71.4	92.5	92.7
NI_1 Autumn	6.4	8.1	8.7	8.7	89.3	100.0	100.0
NI_10 Autumn	5.5	7.5	8.6	8.5	61.4	83.3	87.2
NI_11 Autumn	6.5	7.8	8.6	8.6	90.0	100.0	100.0
NI_12 Autumn	5.7	7.5	8.1	8.1	61.1	74.4	78.9
NI_13 Autumn	5.4	7.6	8.5	8.5	64.9	85.3	86.5
NI_14 Autumn	5.7	7.3	8.4	8.3	59.1	78.9	79.5
NI_15 Autumn	6.1	7.9	8.9	8.7	67.8	81.5	80.3
NI_16 Autumn	6.8	8.0	8.9	8.9	82.4	96.7	97.0
NI_17 Autumn	5.9	7.5	8.2	8.2	68.9	87.8	91.7
NI_18 Autumn	6.1	7.8	8.4	8.3	73.1	90.2	83.6
NI_19 Autumn	5.7	7.3	8.0	8.0	60.9	76.9	80.8
NI_2 Autumn	6.3	7.4	8.3	8.2	73.0	81.1	86.5
NI_20 Autumn	5.8	7.7	8.4	8.4	70.7	85.7	90.0
NI_21 Autumn	5.4	7.7	8.2	8.2	61.3	81.5	78.1
NI_22 Autumn	6.1	7.3	8.1	8.1	72.2	82.6	78.6
NI_23 Autumn	4.4	6.7	7.6	7.6	40.5	57.1	58.6
NI_24 Autumn	4.2	6.8	7.3	7.2	22.7	38.9	38.9
NI_25 Autumn	3.6	6.7	7.1	6.9	35.0	42.9	42.9
NI_26 Autumn	5.6	8.0	8.7	8.7	69.4	100.0	88.6
NI_27 Autumn	4.4	7.1	7.6	7.6	42.9	77.8	77.8
NI_28 Autumn	5.4	7.4	8.6	8.6	68.2	85.7	90.5
NI_29 Autumn	5.8	7.6	8.8	8.8	75.0	85.7	86.8
NI_3 Autumn	5.6	7.0	7.8	7.8	52.9	68.0	71.4
NI_30 Autumn	5.7	8.0	8.8	8.8	72.7	91.3	95.8
NI_31 Autumn	6.6	7.8	8.7	8.7	95.5	100.0	100.0
NI_32 Autumn	5.0	7.8	8.3	8.3	61.0	75.0	75.0
NI_33 Autumn	5.2	7.1	7.8	7.6	44.9	68.9	61.1
NI_34 Autumn	5.9	7.7	8.5	8.5	76.3	92.5	97.6
NI_35 Autumn	6.3	7.5	8.5	8.2	64.6	87.7	79.5
NI_36 Autumn	6.1	7.5	8.2	8.2	73.0	91.7	91.9
NI_37 Autumn	5.4	7.6	8.1	7.7	65.1	69.8	59.6
NI_38 Autumn	5.9	7.4	8.2	8.1	63.4	85.4	81.8
NI_39 Autumn	6.2	7.6	8.7	8.6	72.9	91.1	94.6
NI_4 Autumn	6.3	7.6	8.5	8.5	60.4	82.6	83.3
NI_40 Autumn	6.2	7.4	8.2	8.2	69.8	78.4	82.0
NI_5 Autumn	6.4	7.7	8.4	8.2	76.5	90.9	86.8
NI_6 Autumn	6.0	7.5	8.5	8.4	77.1	92.6	93.2
NI_7 Autumn	6.5	7.7	8.8	8.8	84.6	92.3	97.6
NI_8 Autumn	5.7	7.7	8.2	8.2	69.6	84.0	91.3
NI_9 Autumn	6.2	7.5	8.2	8.2	75.6	83.6	87.0
NW01 Autumn	6.1	7.3	8.3	8.3	60.5	75.9	75.9
NW02 Autumn	6.0	7.9	8.6	8.6	71.7	84.0	80.0
NW03 Autumn	5.2	6.8	7.8	7.7	40.9	46.8	50.0
NW04 Autumn	5.2	7.2	8.1	8.0	54.2	65.1	61.1
NW05 Autumn	5.9	7.3	8.1	7.9	54.0	66.0	60.7
NW06 Autumn	5.8	7.3	8.1	8.0	58.7	64.6	63.5
NW07 Autumn	4.6	6.4	7.4	7.2	36.1	41.4	41.9

SEPA_E01 Autumn	7.1	8.3	9.0	9.0	92.6	100.0	100.0
SEPA_E02 Autumn	7.6	7.8	8.9	8.9	94.1	100.0	100.0
SEPA_E03 Autumn	6.3	7.5	7.9	7.9	59.6	72.7	71.2
SEPA_E04 Autumn	5.9	7.5	8.4	8.4	64.1	84.0	84.0
SEPA_E05 Autumn	6.1	7.8	8.7	8.7	63.5	81.9	79.7
SEPA_E06 Autumn	6.1	7.7	8.6	8.6	65.6	83.1	84.4
SEPA_E07 Autumn	5.9	7.6	8.3	8.3	59.5	82.5	82.5
SEPA_E08 Autumn	5.5	7.3	7.8	7.8	55.4	69.8	71.2
SEPA_E09 Autumn	6.8	7.7	8.6	8.6	75.4	91.8	92.1
SEPA_E10 Autumn	6.3	7.6	8.4	8.4	68.3	85.7	82.2
SEPA_N01 Autumn	4.6	6.4	6.9	6.9	36.0	38.9	46.7
SEPA_N03 Autumn	5.4	7.6	9.2	9.0	80.0	88.2	100.0
SEPA_N04 Autumn	5.1	7.1	8.2	8.3	64.5	71.4	81.8
SEPA_N05 Autumn	5.2	7.5	8.3	8.0	71.0	76.0	77.8
SEPA_N06 Autumn	5.1	7.8	8.8	8.7	68.2	68.4	77.8
SEPA_N07 Autumn	5.4	6.8	7.2	7.2	50.0	50.0	59.1
SEPA_N08 Autumn	6.5	8.4	9.3	9.3	84.6	100.0	100.0
SEPA_N09 Autumn	5.1	7.1	8.0	8.0	59.4	65.2	75.0
SEPA_N10 Autumn	5.6	7.1	8.3	8.3	73.7	82.4	82.4
SEPA_N11 Autumn	6.3	7.8	8.3	8.3	74.4	83.0	87.0
SEPA_N12 Autumn	6.1	7.4	8.5	8.5	66.7	83.3	87.5
SEPA_N13 Autumn	5.6	7.6	8.4	8.4	66.7	86.1	86.5
SEPA_N14 Autumn	6.0	7.5	8.3	8.3	68.3	82.1	82.1
SEPA_N15 Autumn	5.9	7.7	9.0	8.7	64.7	80.4	81.0
SEPA_N16 Autumn	6.0	7.1	7.4	7.4	48.6	52.8	57.6
SEPA_N17 Autumn	5.8	7.9	8.7	8.3	65.1	78.3	73.5
SEPA_N18 Autumn	5.4	7.3	8.3	8.1	56.4	76.7	77.8
SEPA_N19 Autumn	6.0	7.5	8.8	8.7	81.3	86.1	87.2
SEPA_N20 Autumn	6.1	7.5	8.2	8.2	84.8	77.1	78.9
SEPA_N21 Autumn	6.2	7.5	8.4	8.2	75.0	80.4	80.0
SEPA_N22 Autumn	5.9	8.0	8.4	8.4	75.0	86.7	86.7
SEPA_N23 Autumn	6.5	7.8	8.4	8.4	72.5	80.4	81.1
SEPA_N24 Autumn	6.3	7.3	8.3	8.3	60.8	79.5	81.7
SEPA_N25 Autumn	5.9	7.5	8.4	8.4	62.2	83.7	85.1
SEPA_N26 Autumn	6.4	7.7	8.6	8.4	70.5	84.3	84.9
SEPA_N27 Autumn	6.7	7.9	8.7	8.7	86.7	100.0	100.0
SEPA_N28 Autumn	6.5	7.8	7.9	7.9	80.0	73.7	73.7
SEPA_N29 Autumn	6.5	7.4	8.1	8.1	69.7	75.6	83.8
SEPA_N30 Autumn	6.3	7.6	8.7	8.7	70.0	79.1	87.8
SEPA_N31 Autumn	6.1	7.9	9.0	8.9	75.0	87.5	93.9
SEPA_N32 Autumn	6.1	8.1	9.0	9.0	78.1	87.5	94.3
SEPA_N33 Autumn	6.1	7.4	8.5	8.1	59.6	64.9	62.5
SEPA_N34 Autumn	5.8	7.7	9.3	9.2	77.4	93.1	100.0
SEPA_N35 Autumn	5.9	7.5	8.9	8.9	77.4	90.3	100.0
SEPA_N36 Autumn	6.3	8.3	8.9	8.8	86.4	100.0	100.0
SEPA_N37 Autumn	6.4	8.4	9.0	9.0	82.6	100.0	100.0
SEPA_N39 Autumn	6.2	8.0	8.8	8.8	72.7	88.9	94.7
SEPA_N40 Autumn	6.3	7.5	7.8	7.8	75.8	75.9	78.1
SEPA_N41 Autumn	6.2	7.4	8.4	8.4	75.6	90.9	91.7
SEPA_N42 Autumn	6.5	7.1	7.9	7.9	66.7	73.5	79.2

SEPA_N43 Autumn	7.5	8.3	8.9	8.9	81.3	96.9	97.2
SEPA_N44 Autumn	6.8	7.8	8.6	8.6	72.0	88.5	91.9
SEPA_N45 Autumn	6.4	7.6	8.4	8.4	66.0	81.0	86.2
SEPA_N46 Autumn	6.3	7.6	8.4	8.4	75.8	88.9	90.2
SEPA_N47 Autumn	6.7	7.5	8.0	8.0	76.7	65.5	77.8
SEPA_N48 Autumn	6.5	7.8	8.4	8.4	80.6	81.0	81.4
SEPA_N49 Autumn	5.8	7.9	8.8	8.8	78.0	84.4	89.4
SEPA_N50 Autumn	6.2	8.0	9.2	9.0	75.6	95.7	96.1
SEPA_N52 Autumn	7.8	8.2	8.7	8.7	88.6	95.5	95.7
SEPA_N53 Autumn	6.8	7.9	8.7	8.7	80.9	94.5	95.0
SEPA_N54 Autumn	6.9	7.5	8.1	8.1	70.6	75.8	78.8
SEPA_N55 Autumn	6.3	7.4	7.8	7.8	66.0	68.3	71.7
SEPA_N56 Autumn	5.6	6.8	6.3	6.3	41.9	20.8	23.8
SEPA_N57 Autumn	5.8	7.3	8.6	8.5	68.3	77.1	78.9
SEPA_N58 Autumn	6.5	7.5	8.7	8.6	75.0	100.0	100.0
SEPA_N59 Autumn	7.0	8.5	9.0	9.0	84.6	100.0	100.0
SEPA_N60 Autumn	6.1	7.3	8.3	8.3	68.6	76.9	81.6
SEPA_N61 Autumn	6.1	7.4	8.6	8.6	66.7	79.5	87.8
SEPA_N62 Autumn	6.6	7.8	8.6	8.6	81.1	93.6	94.1
SEPA_N64 Autumn	6.2	7.9	8.7	8.7	83.8	97.2	97.6
SEPA_N65 Autumn	7.8	8.5	9.0	9.0	88.9	100.0	100.0
SEPA_N66 Autumn	6.7	7.6	8.4	8.4	72.5	87.5	88.6
SEPA_N67 Autumn	6.7	8.3	8.8	8.7	85.2	100.0	100.0
SEPA_N68 Autumn	6.6	7.8	8.5	8.5	72.2	94.7	94.7
SEPA_W01 Autumn	5.6	7.4	8.2	8.2	70.7	68.5	72.7
SEPA_W02 Autumn	6.8	8.1	8.5	8.5	93.8	100.0	100.0
SEPA_W03 Autumn	6.5	7.5	8.1	8.0	61.8	67.7	65.7
SEPA_W04 Autumn	5.8	7.1	7.5	7.5	53.8	52.0	52.0
SEPA_W05 Autumn	6.9	7.9	8.7	8.7	83.3	97.7	97.7
SEPA_W06 Autumn	6.6	7.8	8.2	8.2	75.8	82.5	87.2
SEPA_W07 Autumn	6.9	7.8	8.9	8.9	87.9	97.7	97.9
SEPA_W08 Autumn	6.8	7.8	8.5	8.5	77.5	90.0	90.9
SEPA_W09 Autumn	6.6	8.2	9.0	8.9	80.0	100.0	100.0
SEPA_W10 Autumn	6.3	7.9	8.8	8.7	83.3	92.5	97.6
SEPA_W11 Autumn	6.3	8.3	8.6	8.6	77.8	96.8	97.0
SEPA_W12 Autumn	6.2	8.3	8.5	8.5	83.3	100.0	100.0
SEPA_W13 Autumn	6.2	7.5	8.1	8.1	70.0	84.4	84.8
SEPA_W15 Autumn	5.5	7.6	8.3	8.3	57.1	78.3	85.7
SEPA_W16 Autumn	6.2	7.6	8.7	8.7	72.7	95.2	95.6
SEPA_W17 Autumn	7.1	7.8	8.7	8.7	80.8	96.2	96.2
SEPA_W18 Autumn	6.2	7.1	7.4	7.4	56.7	53.6	57.1
SEPA_W19 Autumn	6.7	8.1	8.6	8.6	78.9	88.2	89.5
SEPA_W20 Autumn	6.5	7.6	8.7	8.6	76.2	88.9	96.2
SEPA_W21 Autumn	6.6	7.9	8.7	8.7	80.6	95.1	95.5
SEPA_W22 Autumn	6.6	7.7	8.5	8.4	84.0	85.7	87.1
SEPA_W23 Autumn	6.2	8.1	8.3	8.3	87.0	95.5	96.0
SEPA_W24 Autumn	7.5	8.3	9.0	9.0	100.0	100.0	100.0
SEPA_W25 Autumn	8.0	8.1	8.9	8.9	92.9	100.0	100.0
SEPA_W26 Autumn	6.2	7.3	7.8	7.8	64.5	65.5	70.4
SEPA_W27 Autumn	7.3	7.7	8.8	8.8	91.7	100.0	100.0

SEPA_W28 Autumn	7.0	8.2	8.7	8.7	84.8	93.3	94.0
SEPA_W29 Autumn	7.7	7.8	8.8	8.7	90.9	100.0	100.0
SEPA_W30 Autumn	7.8	8.1	8.6	8.6	95.5	100.0	100.0
SEPA_W31 Autumn	6.7	7.9	8.5	8.5	81.5	93.1	93.1
SEPA_W32 Autumn	5.7	7.7	8.3	8.3	90.9	100.0	100.0
SEPA_W33 Autumn	6.1	7.5	8.8	8.7	87.0	100.0	100.0
SEPA_W34 Autumn	6.9	8.0	8.5	8.5	84.4	91.1	91.8
SEPA_W35 Autumn	6.5	7.8	8.8	8.8	83.9	92.1	97.5
SEPA_W36 Autumn	6.5	7.8	8.4	8.3	75.0	84.8	86.1
SEPA_W37 Autumn	7.2	8.4	8.9	8.9	83.3	100.0	100.0
SEPA_W38 Autumn	6.0	7.8	8.5	8.6	71.7	80.0	81.4
SN01 Autumn	4.2	6.9	7.2	7.0	43.2	42.6	39.2
SN02 Autumn	5.8	6.9	7.7	7.6	32.6	50.0	42.1
SO01 Autumn	6.8	7.6	8.5	8.5	75.0	88.0	84.6
SO02 Autumn	6.5	7.7	8.5	8.5	65.0	81.7	79.0
SO03 Autumn	6.4	7.7	8.9	8.9	76.7	91.8	92.3
ST01 Autumn	7.2	8.2	8.6	8.7	94.3	93.9	89.5
ST02 Autumn	5.7	7.4	8.2	8.0	47.9	58.8	58.9
ST03 Autumn	5.7	7.8	8.5	8.5	67.3	76.9	81.6
ST04 Autumn	6.1	7.3	8.0	7.9	60.0	62.9	64.6
ST05 Autumn	6.6	7.6	8.6	8.5	70.0	78.1	80.0
ST06 Autumn	6.3	7.7	8.5	8.3	67.6	69.8	67.0
ST07 Autumn	5.9	7.6	8.5	8.3	60.8	74.5	75.5
SW01 Autumn	6.1	7.3	8.1	8.0	59.2	73.8	69.4
SW02 Autumn	5.9	7.4	8.4	8.5	60.4	75.6	81.4
SW04 Autumn	5.2	6.8	7.8	7.6	45.2	55.6	53.9
SW05 Autumn	5.5	7.6	8.9	8.6	76.2	88.9	85.0
SW06 Autumn	5.8	7.6	8.6	8.4	62.7	78.2	77.4
SW07 Autumn	6.7	7.5	8.4	8.2	78.3	86.7	84.3
SW08 Autumn	6.0	7.6	8.4	8.4	63.0	73.5	79.2
SW09 Autumn	5.8	7.1	7.6	7.7	46.8	50.0	52.6
TA01 Autumn	6.4	8.3	8.9	8.9	79.5	89.3	85.2
TA02 Autumn	6.5	8.0	8.9	8.9	70.3	87.7	85.2
TA03 Autumn	6.5	7.8	8.4	8.4	77.8	87.0	84.2
TA04 Autumn	5.8	7.7	8.4	8.4	75.6	86.0	83.0
TA05 Autumn	6.7	8.4	9.5	9.4	84.6	95.3	95.7
TA06 Autumn	5.8	7.9	8.9	8.5	58.3	75.9	71.0
TA07 Autumn	6.3	7.8	9.2	9.2	74.5	90.9	90.9
TA08 Autumn	5.0	7.0	7.9	7.8	49.2	64.2	61.4
TH01 Autumn	6.0	7.2	7.6	7.5	52.3	55.0	55.3
TH02 Autumn	5.8	7.0	7.6	7.5	51.7	54.3	55.6
TH03 Autumn	5.0	7.2	7.6	7.6	47.4	53.2	54.0
TH04 Autumn	5.4	6.7	7.4	7.1	48.6	46.2	41.7
TH05 Autumn	5.9	7.2	7.4	7.2	54.2	45.5	44.2
TH06 Autumn	4.9	6.6	7.2	7.1	38.1	40.6	38.2
TH07 Autumn	5.4	6.1	6.8	6.6	31.4	31.3	32.8
TH08 Autumn	5.6	7.1	7.6	7.6	47.2	50.0	52.6
TW02 Autumn	5.6	7.8	8.4	8.4	75.0	87.5	82.8
TW03 Autumn	5.8	8.2	9.1	9.1	77.4	87.2	91.5
WE01 Autumn	6.4	7.8	8.2	8.2	70.0	86.4	86.4

WE03 Autumn	6.3	7.6	8.6	8.6	71.2	92.3	90.3
WE04 Autumn	5.5	6.8	7.6	7.5	50.8	52.2	53.6
WE05 Autumn	5.4	7.9	8.8	8.8	65.9	82.9	90.0

EPT_Log_Abundance	EPT_Log_relative_abundance	EPT_family_richness	%_EPT_richness
24.0	57.1	14.0	51.9
29.0	41.4	16.0	42.1
28.0	42.4	16.0	43.2
34.0	44.7	18.0	42.9
29.0	38.7	18.0	42.9
30.0	40.5	18.0	36.7
21.0	50.0	16.0	50.0
14.0	30.4	10.0	31.3
21.0	36.2	14.0	31.8
28.0	35.4	14.0	29.8
16.0	31.4	10.0	30.3
20.0	38.5	11.0	36.7
17.0	39.5	11.0	36.7
25.0	40.3	15.0	39.5
19.0	40.4	11.0	35.5
20.0	34.5	13.0	36.1
24.0	28.9	14.0	28.6
27.0	33.3	14.0	34.1
18.0	54.5	11.0	47.8
34.0	48.6	16.0	43.2
31.0	52.5	16.0	51.6
30.0	46.2	17.0	44.7
27.0	51.9	18.0	50.0
24.0	51.1	13.0	43.3
11.0	22.0	8.0	22.9
19.0	50.0	14.0	53.8
37.0	44.0	18.0	39.1
33.0	45.8	17.0	42.5
36.0	48.6	19.0	46.3
38.0	45.2	21.0	42.0
31.0	40.3	16.0	38.1
33.0	44.0	17.0	40.5
27.0	43.5	15.0	40.5
21.0	43.8	11.0	35.5
27.0	50.0	14.0	41.2
28.0	60.9	17.0	53.1
31.0	58.5	15.0	45.5
22.0	40.7	11.0	37.9
11.0	31.4	6.0	30.0
13.0	21.3	9.0	23.1
19.0	37.3	11.0	34.4
27.0	38.6	18.0	38.3
15.0	27.3	10.0	28.6
15.0	30.6	11.0	33.3
9.0	27.3	7.0	30.4
24.0	38.1	12.0	33.3
22.0	37.9	13.0	41.9
19.0	26.8	9.0	26.5
19.0	42.2	11.0	44.0

12.0	27.3	8.0	32.0
19.0	30.2	9.0	27.3
7.0	22.6	6.0	30.0
18.0	28.1	9.0	28.1
23.0	43.4	15.0	46.9
16.0	30.2	10.0	34.5
21.0	35.6	11.0	35.5
16.0	48.5	13.0	44.8
18.0	35.3	14.0	38.9
9.0	31.0	8.0	29.6
26.0	40.6	13.0	39.4
26.0	42.6	14.0	40.0
17.0	27.9	10.0	26.3
26.0	44.8	16.0	40.0
22.0	28.9	13.0	28.9
22.0	31.9	12.0	35.3
31.0	43.7	17.0	44.7
16.0	26.7	9.0	26.5
29.0	38.2	15.0	36.6
24.0	36.4	14.0	34.1
17.0	31.5	10.0	31.3
22.0	36.1	12.0	36.4
13.0	41.9	8.0	42.1
24.0	52.2	13.0	46.4
28.0	41.8	14.0	38.9
13.0	22.8	9.0	25.7
20.0	38.5	13.0	41.9
19.0	27.9	8.0	24.2
4.0	10.5	3.0	11.5
5.0	13.2	3.0	14.3
16.0	25.0	8.0	27.6
13.0	37.1	7.0	30.4
17.0	30.9	8.0	25.8
19.0	54.3	13.0	48.1
12.0	22.6	10.0	31.3
16.0	34.0	10.0	35.7
12.0	26.7	7.0	29.2
7.0	21.9	5.0	23.8
9.0	21.4	5.0	19.2
17.0	32.7	10.0	33.3
8.0	17.0	6.0	21.4
8.0	17.0	5.0	17.9
8.0	19.5	7.0	22.6
15.0	23.4	8.0	22.2
15.0	22.1	8.0	20.0
28.0	38.4	14.0	35.9
29.0	31.5	17.0	32.1
33.0	37.1	19.0	35.8
25.0	49.0	13.0	46.4
23.0	39.7	16.0	37.2

37.0	45.7	19.0	41.3
32.0	33.0	19.0	33.9
25.0	38.5	17.0	39.5
31.0	36.0	18.0	39.1
26.0	51.0	15.0	42.9
30.0	48.4	16.0	39.0
15.0	40.5	9.0	34.6
24.0	37.5	15.0	34.1
22.0	41.5	13.0	37.1
11.0	20.8	8.0	26.7
13.0	19.1	8.0	21.1
12.0	20.7	8.0	23.5
19.0	25.3	10.0	27.0
10.0	16.7	6.0	18.8
15.0	31.3	9.0	33.3
6.0	24.0	4.0	22.2
11.0	25.0	8.0	29.6
15.0	25.9	9.0	25.0
32.0	39.0	16.0	40.0
21.0	35.0	13.0	40.6
28.0	37.3	15.0	39.5
24.0	34.8	15.0	38.5
23.0	41.1	13.0	39.4
21.0	33.9	11.0	29.7
9.0	36.0	8.0	42.1
17.0	43.6	11.0	42.3
18.0	47.4	12.0	48.0
14.0	38.9	10.0	37.0
25.0	32.9	14.0	35.0
24.0	32.9	13.0	34.2
15.0	29.4	10.0	32.3
17.0	28.8	10.0	27.8
20.0	32.3	12.0	34.3
16.0	45.7	11.0	47.8
14.0	43.8	9.0	39.1
18.0	35.3	12.0	38.7
14.0	63.6	9.0	56.3
13.0	28.9	8.0	26.7
15.0	40.5	9.0	36.0
15.0	24.6	10.0	27.8
10.0	31.3	6.0	28.6
2.0	22.2	2.0	22.2
15.0	29.4	10.0	31.3
16.0	27.1	9.0	23.7
23.0	37.7	13.0	37.1
21.0	25.9	14.0	31.1
12.0	21.4	9.0	25.7
10.0	20.0	7.0	21.9
23.0	54.8	14.0	51.9
18.0	36.0	12.0	34.3

22.0	33.3	10.0	28.6
16.0	42.1	10.0	41.7
10.0	16.7	8.0	22.2
23.0	43.4	15.0	44.1
10.0	22.7	7.0	25.9
13.0	28.9	8.0	29.6
2.0	10.0	2.0	11.8
16.0	37.2	11.0	37.9
20.0	34.5	13.0	36.1
14.0	35.0	9.0	33.3
25.0	59.5	17.0	54.8
12.0	24.0	8.0	26.7
20.0	35.7	11.0	36.7
21.0	45.7	13.0	44.8
19.0	33.3	12.0	40.0
19.0	36.5	10.0	33.3
22.0	48.9	15.0	51.7
17.0	44.7	11.0	45.8
14.0	41.2	8.0	36.4
16.0	47.1	12.0	50.0
10.0	17.9	7.0	20.0
18.0	32.1	11.0	34.4
9.0	47.4	7.0	46.7
14.0	42.4	11.0	44.0
13.0	65.0	9.0	56.3
15.0	24.2	7.0	17.1
28.0	45.2	16.0	43.2
12.0	24.0	8.0	22.2
10.0	22.2	6.0	25.0
12.0	23.1	7.0	22.6
8.0	20.0	5.0	20.0
23.0	44.2	15.0	42.9
28.0	43.1	14.0	41.2
33.0	51.6	17.0	48.6
33.0	41.3	15.0	37.5
21.0	38.2	14.0	37.8
11.0	35.5	6.0	33.3
9.0	16.7	6.0	19.4
9.0	21.4	7.0	25.0
14.0	20.6	8.0	24.2
11.0	19.6	7.0	21.9
32.0	53.3	17.0	51.5
21.0	55.3	14.0	53.8
12.0	38.7	8.0	38.1
19.0	46.3	12.0	44.4
15.0	39.5	10.0	38.5
23.0	43.4	15.0	46.9
21.0	37.5	11.0	34.4
32.0	39.0	15.0	37.5
22.0	40.7	11.0	36.7

23.0	46.0	14.0	43.8
24.0	50.0	16.0	50.0
17.0	37.8	12.0	37.5
10.0	24.4	6.0	25.0
14.0	28.0	9.0	27.3
14.0	21.2	7.0	22.6
16.0	22.2	8.0	25.8
7.0	14.0	5.0	15.2
9.0	29.0	7.0	30.4
8.0	19.0	4.0	16.7
6.0	15.8	4.0	14.3
8.0	17.4	4.0	13.8
7.0	18.4	5.0	17.2
7.0	16.7	5.0	16.1
17.0	32.7	9.0	32.1
1.0	5.3	1.0	9.1
10.0	16.7	7.0	21.2
11.0	21.6	6.0	19.4
14.0	19.4	9.0	25.0
9.0	20.9	7.0	22.6
11.0	26.8	7.0	23.3
28.0	38.9	16.0	38.1
16.0	45.7	11.0	44.0
28.0	46.7	18.0	48.6
17.0	65.4	12.0	57.1
16.0	34.0	9.0	32.1
27.0	42.2	14.0	40.0
25.0	31.3	14.0	32.6
17.0	34.0	11.0	33.3
16.0	27.6	8.0	24.2
15.0	29.4	10.0	31.3
29.0	54.7	15.0	48.4
6.0	17.6	5.0	20.0
18.0	60.0	12.0	54.5
22.0	45.8	12.0	38.7
18.0	36.0	10.0	34.5
25.0	42.4	16.0	48.5
29.0	41.4	15.0	40.5
27.0	41.5	13.0	40.6
17.0	38.6	8.0	32.0
13.0	41.9	9.0	42.9
13.0	33.3	9.0	39.1
11.0	32.4	8.0	36.4
20.0	39.2	12.0	37.5
11.0	15.7	6.0	17.6
14.0	28.6	9.0	29.0
12.0	29.3	9.0	30.0
8.0	18.6	6.0	17.6
10.0	18.5	6.0	17.6
15.0	40.5	8.0	34.8

12.0	30.0	8.0	27.6
13.0	39.4	6.0	28.6
17.0	42.5	13.0	41.9
9.0	45.0	8.0	50.0
21.0	46.7	13.0	46.4
4.0	44.4	3.0	37.5
22.0	28.2	12.0	31.6
23.0	53.5	15.0	50.0
27.0	54.0	15.0	48.4
19.0	32.8	9.0	34.6
24.0	37.5	14.0	36.8
18.0	32.1	12.0	35.3
25.0	46.3	15.0	42.9
14.0	82.4	10.0	76.9
25.0	65.8	14.0	56.0
28.0	68.3	13.0	61.9
24.0	72.7	13.0	72.2
17.0	43.6	12.0	42.9
13.0	22.8	8.0	22.9
3.0	9.1	3.0	13.0
7.0	12.3	6.0	15.4
3.0	6.4	3.0	11.1
23.0	45.1	11.0	42.3
13.0	40.6	8.0	32.0
23.0	51.1	15.0	51.7
21.0	47.7	18.0	48.6
27.0	47.4	15.0	50.0
24.0	47.1	15.0	45.5
22.0	35.5	14.0	38.9
24.0	49.0	12.0	42.9
22.0	39.3	14.0	38.9
14.0	58.3	11.0	55.0
6.0	31.6	4.0	28.6
15.0	48.4	11.0	44.0
21.0	48.8	12.0	44.4
24.0	55.8	14.0	50.0
14.0	34.1	10.0	34.5
13.0	61.9	10.0	62.5
16.0	61.5	13.0	61.9
14.0	63.6	12.0	66.7
10.0	50.0	8.0	53.3
8.0	34.8	7.0	38.9
22.0	57.9	13.0	52.0
15.0	34.9	12.0	37.5
12.0	40.0	9.0	37.5
23.0	54.8	12.0	46.2
20.0	50.0	15.0	51.7
27.0	50.0	17.0	50.0
19.0	50.0	12.0	46.2
15.0	45.5	11.0	42.3

18.0	40.9	11.0	37.9
25.0	47.2	14.0	42.4
15.0	45.5	10.0	47.6
17.0	30.4	13.0	35.1
22.0	51.2	14.0	51.9
19.0	39.6	14.0	43.8
18.0	33.3	12.0	33.3
14.0	25.9	9.0	27.3
18.0	30.0	11.0	31.4
20.0	29.4	11.0	30.6
11.0	55.0	6.0	46.2
16.0	66.7	10.0	58.8
7.0	23.3	6.0	27.3
5.0	41.7	5.0	41.7
21.0	61.8	14.0	63.6
15.0	32.6	8.0	28.6
24.0	42.9	12.0	36.4
21.0	40.4	11.0	35.5
19.0	38.8	11.0	32.4
22.0	62.9	13.0	56.5
15.0	65.2	10.0	62.5
17.0	63.0	11.0	57.9
17.0	43.6	12.0	41.4
20.0	64.5	13.0	59.1
23.0	51.1	13.0	46.4
9.0	34.6	8.0	34.8
11.0	64.7	9.0	60.0
15.0	48.4	10.0	47.6
14.0	53.8	10.0	55.6
23.0	56.1	16.0	50.0
13.0	48.1	11.0	47.8
19.0	67.9	12.0	63.2
17.0	58.6	12.0	57.1
21.0	61.8	12.0	57.1
20.0	62.5	11.0	50.0
14.0	73.7	9.0	69.2
14.0	48.3	8.0	36.4
8.0	53.3	6.0	54.5
11.0	40.7	8.0	42.1
21.0	52.5	12.0	44.4
18.0	54.5	11.0	47.8
15.0	57.7	10.0	52.6
10.0	37.0	8.0	33.3
17.0	43.6	12.0	40.0
18.0	48.6	11.0	45.8
10.0	47.6	8.0	44.4
16.0	59.3	12.0	54.5
12.0	46.2	11.0	47.8
23.0	46.9	16.0	44.4
13.0	61.9	10.0	55.6

28.0	48.3	14.0	42.4
16.0	66.7	11.0	61.1
17.0	47.2	13.0	46.4
19.0	65.5	10.0	50.0
20.0	41.7	14.0	43.8
13.0	32.5	11.0	40.7
28.0	50.0	16.0	44.4
14.0	50.0	10.0	43.5
12.0	44.4	10.0	45.5
11.0	36.7	9.0	39.1
17.0	45.9	15.0	51.7
16.0	43.2	13.0	48.1
18.0	43.9	11.0	40.7
17.0	58.6	11.0	55.0
17.0	50.0	12.0	48.0
21.0	60.0	14.0	58.3
28.0	51.9	17.0	50.0
13.0	36.1	10.0	35.7
17.0	36.2	12.0	32.4
20.0	55.6	13.0	48.1
21.0	58.3	11.0	47.8
25.0	59.5	12.0	48.0
24.0	44.4	14.0	42.4
23.0	51.1	15.0	45.5
22.0	43.1	15.0	41.7
17.0	48.6	11.0	44.0
15.0	31.3	8.0	25.8
15.0	45.5	10.0	38.5
33.0	49.3	14.0	43.8
37.0	52.1	16.0	43.2
20.0	28.2	8.0	27.6
30.0	33.3	13.0	34.2
20.0	33.3	10.0	32.3
30.0	36.1	14.0	35.9
13.0	21.3	6.0	20.0
28.0	47.5	16.0	48.5
35.0	45.5	18.0	42.9
32.0	41.0	17.0	42.5
30.0	40.0	15.0	37.5
29.0	36.3	14.0	31.8
21.0	34.4	14.0	31.8
12.0	24.0	11.0	30.6
23.0	38.3	13.0	36.1
21.0	31.8	14.0	29.8
24.0	39.3	15.0	34.9
12.0	19.0	7.0	20.0
26.0	53.1	13.0	48.1
11.0	25.6	5.0	21.7
3.0	7.7	1.0	4.0
24.0	35.3	15.0	38.5

32.0	43.8	17.0	35.4
15.0	60.0	12.0	54.5
27.0	45.8	16.0	42.1
25.0	35.2	13.0	33.3
10.0	35.7	10.0	40.0
16.0	48.5	11.0	40.7
14.0	45.2	9.0	36.0
9.0	12.9	5.0	13.5
7.0	9.5	3.0	7.9
7.0	11.9	4.0	12.5
7.0	11.5	6.0	16.2
8.0	16.3	4.0	14.3
14.0	19.7	9.0	26.5
15.0	23.8	8.0	23.5
21.0	27.3	10.0	28.6
9.0	16.1	6.0	18.8
34.0	64.2	20.0	55.6
35.0	53.8	21.0	55.3
37.0	51.4	22.0	50.0
13.0	24.5	11.0	32.4
11.0	20.8	10.0	27.0
26.0	54.2	17.0	50.0
23.0	52.3	14.0	45.2
26.0	46.4	18.0	46.2
21.0	47.7	11.0	39.3
16.0	29.1	11.0	28.9
14.0	27.5	7.0	21.9
34.0	44.7	18.0	45.0
38.0	50.0	19.0	45.2
37.0	45.7	19.0	40.4
19.0	32.2	12.0	35.3
27.0	61.4	14.0	53.8
20.0	58.8	11.0	47.8
24.0	48.0	15.0	50.0
18.0	33.3	13.0	35.1
18.0	34.0	11.0	31.4
23.0	53.5	14.0	43.8
21.0	47.7	16.0	47.1
20.0	57.1	15.0	60.0
30.0	52.6	19.0	51.4
25.0	49.0	17.0	51.5
19.0	43.2	11.0	39.3
19.0	54.3	13.0	54.2
18.0	42.9	12.0	42.9
25.0	43.1	16.0	44.4
46.0	45.5	21.0	41.2
48.0	44.0	21.0	39.6
51.0	40.5	20.0	37.0
7.0	26.9	6.0	27.3
10.0	25.6	8.0	27.6

10.0	25.6	7.0	25.9
20.0	47.6	15.0	45.5
26.0	55.3	16.0	59.3
18.0	35.3	14.0	40.0
18.0	42.9	11.0	36.7
16.0	41.0	12.0	44.4
15.0	29.4	12.0	36.4
12.0	20.0	9.0	25.0
21.0	42.9	14.0	42.4
8.0	19.0	6.0	20.0
30.0	44.1	15.0	39.5
27.0	35.1	15.0	35.7
32.0	46.4	17.0	42.5
25.0	35.7	17.0	40.5
28.0	46.7	16.0	43.2
23.0	35.4	12.0	33.3
30.0	41.1	15.0	37.5
10.0	22.2	6.0	27.3
11.0	20.0	10.0	32.3
11.0	18.6	6.0	17.1
22.0	23.7	10.0	25.0
21.0	21.2	8.0	20.0
14.0	20.3	7.0	17.9
17.0	21.3	8.0	21.6
13.0	14.0	7.0	14.0
10.0	13.2	6.0	14.6
8.0	23.5	6.0	25.0
10.0	13.5	5.0	12.2
10.0	17.2	6.0	18.2
10.0	27.0	5.0	22.7
8.0	24.2	6.0	30.0
7.0	17.9	5.0	17.9
10.0	17.5	5.0	16.1
16.0	30.2	9.0	31.0
10.0	19.2	6.0	20.7
7.0	17.9	5.0	19.2
19.0	28.8	12.0	30.0
8.0	12.7	6.0	17.6
10.0	27.8	7.0	25.0
12.0	21.4	7.0	23.3
15.0	27.3	10.0	32.3
10.0	17.5	7.0	24.1
3.0	6.0	2.0	6.5
21.0	47.7	12.0	44.4
8.0	16.7	6.0	20.7
20.0	42.6	11.0	44.0
20.0	50.0	13.0	52.0
27.0	48.2	16.0	47.1
16.0	31.4	9.0	30.0
18.0	22.5	10.0	24.4

19.0	34.5	13.0	35.1
10.0	21.3	5.0	19.2
12.0	36.4	9.0	39.1
16.0	35.6	9.0	32.1
8.0	13.1	5.0	14.3
10.0	27.0	8.0	28.6
20.0	32.3	13.0	32.5
23.0	37.7	12.0	38.7
6.0	9.8	4.0	10.8
13.0	24.1	7.0	20.0
11.0	19.0	8.0	22.2
26.0	40.0	12.0	37.5
22.0	30.1	13.0	30.2
13.0	24.1	8.0	21.1
17.0	21.8	10.0	23.3
14.0	23.0	8.0	20.5
18.0	24.3	10.0	27.0
5.0	13.9	3.0	11.5
4.0	8.7	3.0	10.7
15.0	21.4	8.0	22.2
6.0	18.8	5.0	21.7
15.0	78.9	11.0	73.3
12.0	25.0	6.0	24.0
32.0	41.0	14.0	35.0
34.0	42.0	17.0	37.0
29.0	36.7	15.0	32.6
24.0	30.8	14.0	35.0
17.0	25.8	10.0	30.3
14.0	25.9	9.0	25.0
5.0	12.8	5.0	16.7
14.0	17.7	7.0	16.7
16.0	25.8	9.0	24.3
13.0	24.5	6.0	20.7
20.0	29.0	10.0	26.3
19.0	28.8	11.0	28.2
21.0	34.4	13.0	34.2
13.0	31.7	11.0	32.4
20.0	58.8	14.0	56.0
12.0	44.4	9.0	45.0
11.0	47.8	10.0	47.6
20.0	50.0	14.0	46.7
19.0	52.8	12.0	46.2
14.0	45.2	10.0	40.0
24.0	50.0	14.0	46.7
18.0	50.0	11.0	45.8
32.0	60.4	17.0	56.7
22.0	64.7	13.0	61.9
18.0	62.1	14.0	58.3
24.0	63.2	14.0	53.8
25.0	58.1	13.0	48.1

24.0	54.5	12.0	48.0
18.0	46.2	12.0	40.0
20.0	35.7	14.0	36.8
6.0	18.8	5.0	21.7
30.0	50.0	14.0	43.8
32.0	43.8	17.0	44.7
17.0	34.0	11.0	33.3
13.0	26.5	8.0	29.6
20.0	32.8	12.0	31.6
4.0	7.4	4.0	13.3
4.0	7.5	4.0	11.1
25.0	36.2	17.0	37.8
17.0	23.6	14.0	32.6
20.0	30.8	14.0	34.1
11.0	21.6	7.0	20.6
16.0	27.1	10.0	28.6
22.0	36.1	14.0	37.8
14.0	21.9	10.0	24.4
15.0	25.4	9.0	23.1
30.0	48.4	16.0	43.2
30.0	46.9	17.0	45.9
24.0	43.6	16.0	48.5
21.0	42.0	12.0	40.0
29.0	52.7	19.0	51.4
22.0	38.6	11.0	35.5
21.0	28.8	13.0	35.1
28.0	40.6	16.0	44.4
15.0	48.4	8.0	44.4
24.0	53.3	18.0	48.6
28.0	45.2	15.0	44.1
17.0	51.5	13.0	52.0
24.0	61.5	16.0	57.1
30.0	48.4	14.0	42.4
10.0	23.3	8.0	26.7
10.0	23.3	7.0	24.1
11.0	15.3	5.0	16.7
14.0	24.6	7.0	22.6
19.0	44.2	9.0	42.9
18.0	52.9	12.0	50.0
26.0	54.2	17.0	48.6
22.0	50.0	14.0	48.3
29.0	46.0	17.0	48.6
11.0	55.0	11.0	55.0
20.0	44.4	11.0	39.3
28.0	45.9	14.0	37.8
23.0	39.0	12.0	33.3
22.0	55.0	15.0	53.6
23.0	45.1	11.0	39.3
26.0	50.0	19.0	46.3
18.0	32.1	14.0	36.8

6.0	9.7	4.0	11.8
5.0	15.6	4.0	18.2
6.0	10.2	4.0	11.8
12.0	21.8	10.0	33.3
19.0	29.7	10.0	28.6
15.0	25.4	10.0	30.3
7.0	13.5	6.0	21.4
17.0	32.7	12.0	37.5
18.0	41.9	11.0	39.3
9.0	60.0	7.0	58.3
12.0	25.5	5.0	20.8
16.0	42.1	9.0	39.1
15.0	48.4	8.0	44.4
8.0	57.1	7.0	58.3
11.0	78.6	8.0	72.7
7.0	77.8	6.0	75.0
11.0	52.4	9.0	50.0
16.0	43.2	9.0	39.1
15.0	53.6	9.0	45.0
15.0	48.4	12.0	46.2
22.0	73.3	16.0	76.2
20.0	60.6	15.0	65.2
22.0	57.9	14.0	56.0
28.0	46.7	14.0	46.7
18.0	48.6	11.0	45.8
22.0	46.8	10.0	40.0
20.0	37.7	9.0	37.5
26.0	43.3	15.0	45.5
16.0	28.1	10.0	30.3
19.0	33.3	10.0	32.3
10.0	30.3	6.0	24.0
9.0	21.4	7.0	24.1
22.0	55.0	13.0	52.0
19.0	39.6	14.0	41.2
14.0	58.3	10.0	52.6
23.0	52.3	12.0	48.0
28.0	46.7	14.0	46.7
21.0	40.4	14.0	45.2
17.0	48.6	14.0	48.3
21.0	50.0	13.0	48.1
14.0	41.2	10.0	38.5
25.0	43.9	16.0	43.2
25.0	37.3	15.0	38.5
25.0	46.3	16.0	47.1
16.0	28.1	11.0	33.3
15.0	28.8	10.0	33.3
17.0	34.7	9.0	30.0
16.0	45.7	12.0	44.4
19.0	37.3	12.0	36.4
19.0	36.5	12.0	35.3

17.0	45.9	12.0	44.4
15.0	26.3	10.0	28.6
14.0	23.7	11.0	30.6
19.0	38.0	13.0	40.6
14.0	25.0	8.0	25.0
19.0	37.3	12.0	35.3
17.0	42.5	12.0	44.4
8.0	30.8	7.0	36.8
15.0	28.3	11.0	33.3
16.0	30.8	10.0	32.3
12.0	44.4	10.0	41.7
15.0	26.3	8.0	24.2
15.0	33.3	11.0	32.4
19.0	46.3	13.0	44.8
19.0	42.2	14.0	43.8
15.0	36.6	12.0	40.0
15.0	36.6	9.0	32.1
16.0	47.1	10.0	43.5
17.0	45.9	10.0	38.5
18.0	38.3	11.0	39.3
16.0	41.0	12.0	41.4
17.0	50.0	13.0	48.1
14.0	29.2	10.0	32.3
13.0	72.2	10.0	66.7
19.0	48.7	15.0	46.9
14.0	51.9	11.0	52.4
19.0	42.2	12.0	40.0
23.0	48.9	13.0	44.8
17.0	47.2	11.0	44.0
24.0	37.5	13.0	32.5
29.0	48.3	14.0	41.2
29.0	45.3	11.0	34.4
20.0	31.7	10.0	30.3
23.0	59.0	16.0	55.2
13.0	86.7	10.0	83.3
31.0	45.6	18.0	45.0
26.0	60.5	15.0	55.6
26.0	54.2	16.0	50.0
23.0	56.1	16.0	55.2
22.0	57.9	15.0	57.7
29.0	48.3	18.0	46.2
19.0	54.3	15.0	51.7
33.0	47.1	21.0	46.7
6.0	28.6	6.0	37.5
4.0	26.7	4.0	36.4
12.0	41.4	7.0	36.8
6.0	27.3	4.0	22.2
4.0	13.8	3.0	15.0
13.0	33.3	9.0	34.6
6.0	46.2	5.0	41.7

9.0	23.7	6.0	25.0
6.0	30.0	5.0	27.8
14.0	40.0	11.0	42.3
19.0	43.2	13.0	41.9
6.0	24.0	5.0	27.8
20.0	45.5	12.0	48.0
10.0	43.5	9.0	45.0
11.0	33.3	9.0	36.0
16.0	40.0	12.0	42.9
10.0	38.5	7.0	36.8
15.0	53.6	9.0	50.0
14.0	45.2	10.0	43.5
17.0	38.6	10.0	35.7
9.0	40.9	8.0	42.1
17.0	50.0	11.0	45.8
22.0	40.7	14.0	37.8
17.0	44.7	11.0	42.3
18.0	39.1	11.0	36.7
19.0	57.6	13.0	54.2
15.0	53.6	11.0	55.0
15.0	41.7	11.0	40.7
15.0	37.5	10.0	35.7
14.0	45.2	8.0	36.4
13.0	40.6	9.0	39.1
20.0	41.7	14.0	43.8
10.0	41.7	8.0	44.4
16.0	50.0	10.0	45.5
10.0	47.6	8.0	44.4
8.0	32.0	6.0	31.6
13.0	37.1	10.0	41.7
14.0	37.8	10.0	37.0
15.0	41.7	10.0	41.7
16.0	55.2	11.0	50.0
9.0	60.0	7.0	53.8
12.0	60.0	11.0	61.1
18.0	54.5	15.0	55.6
12.0	52.2	11.0	55.0
9.0	33.3	6.0	33.3
14.0	40.0	11.0	44.0
15.0	45.5	12.0	42.9
17.0	54.8	10.0	52.6
9.0	69.2	8.0	66.7
14.0	58.3	11.0	52.4
27.0	55.1	21.0	56.8
22.0	41.5	16.0	42.1
8.0	34.8	6.0	33.3
17.0	53.1	10.0	43.5
13.0	65.0	8.0	57.1
15.0	71.4	10.0	66.7
14.0	60.9	11.0	55.0

17.0	47.2	12.0	46.2
12.0	48.0	10.0	45.5
16.0	45.7	10.0	41.7
15.0	78.9	13.0	76.5
23.0	48.9	15.0	46.9
20.0	54.1	12.0	48.0
15.0	75.0	9.0	64.3
16.0	59.3	11.0	57.9
15.0	48.4	11.0	42.3
19.0	46.3	12.0	41.4
22.0	37.3	14.0	34.1
17.0	63.0	11.0	57.9
11.0	50.0	8.0	47.1
11.0	61.1	9.0	60.0
20.0	60.6	15.0	57.7
17.0	65.4	12.0	57.1
15.0	51.7	10.0	45.5
13.0	54.2	10.0	58.8
12.0	70.6	9.0	64.3
11.0	33.3	8.0	28.6
8.0	40.0	8.0	44.4
27.0	67.5	18.0	66.7
12.0	80.0	8.0	72.7
14.0	60.9	10.0	52.6
13.0	52.0	9.0	42.9
13.0	54.2	9.0	45.0
15.0	57.7	10.0	55.6
10.0	52.6	9.0	52.9
17.0	60.7	12.0	54.5
14.0	82.4	11.0	78.6
11.0	64.7	9.0	64.3
22.0	62.9	13.0	50.0
13.0	76.5	9.0	69.2
18.0	62.1	13.0	61.9
14.0	66.7	11.0	61.1
14.0	70.0	11.0	68.8
14.0	56.0	9.0	47.4
13.0	68.4	9.0	64.3
15.0	45.5	9.0	40.9
19.0	52.8	12.0	48.0
15.0	68.2	10.0	62.5
14.0	53.8	9.0	50.0
9.0	75.0	7.0	70.0
16.0	57.1	10.0	47.6
6.0	12.0	3.0	10.7
13.0	26.0	9.0	29.0
24.0	49.0	13.0	41.9
37.0	51.4	17.0	45.9
15.0	55.6	11.0	55.0
23.0	56.1	17.0	56.7

10.0	25.6	6.0	26.1
18.0	46.2	11.0	47.8
33.0	41.3	18.0	41.9
33.0	46.5	18.0	47.4
29.0	48.3	14.0	43.8
22.0	35.5	16.0	45.7
16.0	42.1	11.0	39.3
17.0	33.3	12.0	37.5
25.0	43.9	16.0	44.4
21.0	42.9	12.0	42.9
15.0	39.5	11.0	40.7
29.0	53.7	19.0	50.0
16.0	28.1	13.0	36.1
16.0	29.6	11.0	32.4
29.0	46.0	14.0	40.0
36.0	54.5	17.0	50.0
40.0	56.3	18.0	48.6
28.0	52.8	16.0	47.1
24.0	66.7	13.0	68.4
23.0	44.2	11.0	42.3
16.0	31.4	7.0	26.9
16.0	27.6	7.0	26.9
19.0	26.8	12.0	26.7
34.0	36.6	15.0	31.9
20.0	30.3	10.0	29.4
13.0	22.4	8.0	22.9
24.0	38.1	15.0	35.7
11.0	30.6	8.0	33.3
20.0	31.3	10.0	30.3
28.0	33.3	14.0	30.4
20.0	52.6	12.0	50.0
18.0	48.6	9.0	42.9
16.0	61.5	12.0	54.5
25.0	61.0	17.0	54.8
25.0	38.5	13.0	35.1
13.0	31.0	9.0	34.6
12.0	41.4	9.0	39.1
22.0	39.3	11.0	35.5
19.0	43.2	10.0	41.7
25.0	45.5	13.0	40.6
18.0	37.5	12.0	35.3
21.0	35.6	16.0	39.0
16.0	38.1	13.0	44.8
11.0	19.3	7.0	18.4
17.0	38.6	10.0	41.7
18.0	31.0	12.0	28.6
17.0	33.3	9.0	25.7
17.0	26.6	9.0	27.3
17.0	33.3	11.0	34.4
19.0	32.8	10.0	31.3

19.0	31.7	10.0	30.3
27.0	36.0	14.0	33.3
20.0	25.3	12.0	27.3
21.0	36.2	12.0	35.3
17.0	44.7	11.0	45.8
26.0	41.3	13.0	39.4
26.0	45.6	13.0	41.9
22.0	40.0	12.0	34.3
19.0	41.3	10.0	37.0
20.0	42.6	11.0	39.3
9.0	13.6	6.0	19.4
15.0	36.6	11.0	35.5
28.0	40.0	16.0	38.1
24.0	37.5	14.0	37.8
25.0	36.2	16.0	38.1
27.0	38.0	15.0	38.5
22.0	28.6	13.0	31.7
28.0	36.8	14.0	34.1
14.0	36.8	8.0	32.0
20.0	36.4	8.0	27.6
17.0	34.0	10.0	31.3
20.0	48.8	12.0	41.4
26.0	37.1	14.0	35.9
23.0	36.5	12.0	38.7
10.0	20.4	6.0	20.7
22.0	33.8	9.0	30.0
20.0	40.8	14.0	41.2
26.0	37.1	14.0	35.9
19.0	30.2	12.0	35.3
14.0	22.6	10.0	30.3
16.0	29.6	11.0	30.6
20.0	31.7	11.0	34.4
16.0	38.1	10.0	37.0
18.0	24.0	10.0	25.6
16.0	35.6	9.0	36.0
15.0	30.6	9.0	31.0
14.0	29.2	7.0	28.0
3.0	10.7	2.0	9.5
11.0	19.6	6.0	22.2
15.0	27.3	10.0	34.5
14.0	26.4	8.0	28.6
10.0	16.7	6.0	18.8
11.0	35.5	8.0	33.3
23.0	25.3	14.0	30.4
18.0	25.7	12.0	32.4
14.0	25.0	7.0	25.0
21.0	32.3	11.0	32.4
18.0	25.7	7.0	18.9
25.0	33.8	14.0	32.6
17.0	21.0	9.0	18.8

21.0	27.6	11.0	28.9
21.0	33.9	11.0	34.4
19.0	22.9	10.0	22.2
21.0	44.7	12.0	46.2
22.0	36.1	13.0	36.1
16.0	26.7	9.0	23.7
14.0	20.9	8.0	22.2
10.0	23.3	6.0	23.1
20.0	36.4	12.0	36.4
19.0	34.5	12.0	34.3
7.0	14.3	4.0	13.3
9.0	19.6	6.0	20.7
14.0	20.3	7.0	18.4
4.0	6.0	3.0	7.9
5.0	10.6	4.0	12.5
12.0	15.8	6.0	15.4
9.0	28.1	5.0	26.3
9.0	18.4	6.0	20.7
17.0	31.5	9.0	27.3
7.0	22.6	5.0	27.8
18.0	26.5	9.0	25.7
8.0	17.4	4.0	16.0
12.0	31.6	8.0	29.6
10.0	17.5	5.0	18.5
15.0	22.4	7.0	20.6
8.0	19.0	5.0	21.7
10.0	17.9	5.0	15.2
4.0	10.3	4.0	13.3
10.0	15.2	8.0	20.5
10.0	16.1	7.0	18.4
28.0	36.4	16.0	36.4
26.0	24.3	13.0	24.5
36.0	39.6	17.0	34.7
16.0	44.4	11.0	42.3
19.0	26.8	11.0	26.8
32.0	38.6	17.0	37.8
42.0	39.6	18.0	34.6
24.0	32.0	13.0	32.5
33.0	31.1	18.0	36.0
17.0	34.0	10.0	29.4
23.0	44.2	12.0	40.0
13.0	25.0	8.0	25.8
19.0	33.9	11.0	32.4
19.0	33.3	10.0	27.0
7.0	18.4	4.0	16.0
5.0	10.2	3.0	10.0
8.0	16.0	5.0	17.2
6.0	14.6	4.0	15.4
8.0	20.0	5.0	17.9
9.0	25.0	6.0	25.0

9.0	25.0	6.0	30.0
12.0	26.1	8.0	27.6
14.0	26.4	8.0	25.0
21.0	34.4	12.0	34.3
17.0	36.2	8.0	30.8
26.0	40.0	13.0	35.1
20.0	31.3	13.0	34.2
19.0	44.2	11.0	42.3
13.0	22.0	9.0	23.7
18.0	42.9	9.0	34.6
11.0	32.4	7.0	35.0
14.0	36.8	8.0	38.1
20.0	43.5	12.0	44.4
18.0	32.1	10.0	28.6
30.0	35.3	14.0	32.6
7.0	13.2	4.0	13.3
17.0	26.6	10.0	30.3
23.0	33.8	12.0	33.3
14.0	40.0	8.0	34.8
14.0	42.4	7.0	33.3
21.0	40.4	11.0	34.4
12.0	48.0	8.0	47.1
16.0	34.8	9.0	34.6
20.0	43.5	13.0	43.3
7.0	14.0	6.0	19.4
22.0	35.5	13.0	35.1
12.0	20.0	9.0	25.0
8.0	27.6	5.0	21.7
16.0	25.8	9.0	25.0
16.0	32.0	8.0	30.8
12.0	19.4	6.0	16.7
6.0	17.6	4.0	15.4
15.0	20.8	7.0	20.0
22.0	36.7	13.0	34.2
17.0	34.7	8.0	28.6
15.0	30.0	10.0	31.3
7.0	28.0	6.0	27.3
2.0	3.4	2.0	7.1
17.0	33.3	12.0	32.4
5.0	11.4	5.0	16.1
16.0	40.0	9.0	42.9
1.0	3.2	1.0	4.8
16.0	40.0	9.0	40.9
20.0	32.3	10.0	33.3
24.0	33.8	11.0	33.3
22.0	45.8	13.0	39.4
12.0	20.0	8.0	23.5
16.0	38.1	9.0	36.0
14.0	35.0	9.0	36.0
13.0	28.3	9.0	30.0

16.0	35.6	10.0	35.7
12.0	38.7	9.0	42.9
17.0	48.6	9.0	40.9
15.0	34.1	9.0	37.5
18.0	43.9	11.0	40.7
12.0	19.4	9.0	23.7
14.0	20.0	8.0	21.6
5.0	38.5	4.0	36.4
20.0	44.4	14.0	42.4
9.0	47.4	8.0	44.4
15.0	20.8	8.0	20.0
8.0	33.3	6.0	35.3
18.0	28.1	9.0	23.1
19.0	31.7	11.0	33.3
13.0	20.6	8.0	22.2
8.0	17.8	4.0	16.7
19.0	41.3	10.0	38.5
21.0	30.4	10.0	31.3
24.0	33.8	13.0	33.3
24.0	34.3	12.0	34.3
17.0	31.5	8.0	27.6
7.0	21.9	4.0	21.1
6.0	9.0	3.0	9.1
10.0	13.3	5.0	14.3
15.0	21.1	7.0	20.6
13.0	22.4	6.0	21.4
24.0	51.1	14.0	53.8
11.0	27.5	9.0	33.3
13.0	27.7	8.0	29.6
17.0	39.5	12.0	41.4
11.0	23.4	9.0	31.0
14.0	31.8	9.0	33.3
23.0	44.2	12.0	41.4
19.0	30.6	11.0	28.9
17.0	37.8	8.0	36.4
20.0	39.2	12.0	37.5
14.0	35.9	10.0	40.0
10.0	21.3	7.0	23.3
9.0	15.5	7.0	20.6
15.0	25.0	8.0	25.8
14.0	16.9	6.0	16.7
16.0	23.9	11.0	32.4
12.0	16.9	6.0	16.2
9.0	23.7	6.0	26.1
8.0	23.5	5.0	20.8
5.0	9.3	3.0	9.4
4.0	12.1	3.0	11.1
10.0	18.2	5.0	16.7
5.0	10.9	4.0	12.9
12.0	21.4	6.0	17.1

8.0	13.6	4.0	12.9
3.0	10.3	1.0	5.0
11.0	22.9	7.0	21.2
8.0	25.0	6.0	25.0
13.0	19.4	8.0	21.6
19.0	28.4	12.0	27.3
27.0	43.5	15.0	41.7
15.0	31.9	8.0	26.7
19.0	37.3	10.0	34.5
9.0	47.4	7.0	43.8
19.0	41.3	9.0	39.1
28.0	30.8	14.0	30.4
10.0	20.0	6.0	18.2
23.0	37.1	15.0	36.6
16.0	48.5	9.0	40.9
18.0	28.1	9.0	24.3
28.0	43.1	15.0	38.5
5.0	8.2	5.0	16.7
19.0	44.2	12.0	41.4
13.0	29.5	9.0	29.0
12.0	27.3	9.0	32.1
13.0	36.1	9.0	36.0
13.0	34.2	9.0	34.6
9.0	20.9	8.0	25.0
15.0	45.5	10.0	41.7
12.0	42.9	8.0	38.1
13.0	31.0	8.0	25.0
11.0	32.4	8.0	34.8
25.0	45.5	14.0	42.4
9.0	17.3	5.0	17.9
12.0	27.3	9.0	31.0
17.0	26.6	11.0	28.9
12.0	25.5	7.0	23.3
15.0	27.8	9.0	24.3
11.0	27.5	6.0	28.6
1.0	4.0	1.0	6.3
12.0	35.3	8.0	36.4
12.0	34.3	9.0	36.0
4.0	23.5	4.0	28.6
10.0	47.6	8.0	53.3
8.0	30.8	6.0	35.3
14.0	18.9	6.0	19.4
23.0	37.1	13.0	40.6
21.0	41.2	12.0	42.9
13.0	20.0	7.0	25.9
21.0	38.2	12.0	37.5
22.0	44.9	13.0	43.3
16.0	48.5	8.0	42.1
15.0	44.1	10.0	40.0
18.0	46.2	12.0	42.9

15.0	41.7	8.0	38.1
27.0	56.3	14.0	50.0
13.0	31.7	9.0	34.6
19.0	26.4	12.0	29.3
9.0	17.6	5.0	16.7
5.0	10.9	4.0	13.3
5.0	14.7	5.0	20.0
15.0	32.6	8.0	32.0
20.0	38.5	11.0	36.7
16.0	39.0	13.0	39.4
25.0	45.5	15.0	44.1
13.0	39.4	9.0	39.1
16.0	29.1	9.0	29.0
13.0	23.6	8.0	28.6
17.0	30.9	10.0	34.5
14.0	31.1	9.0	30.0
19.0	47.5	11.0	37.9
4.0	14.3	4.0	18.2
8.0	34.8	7.0	36.8
12.0	32.4	8.0	29.6
18.0	41.9	12.0	38.7
18.0	35.3	12.0	35.3
11.0	52.4	8.0	50.0
18.0	58.1	12.0	54.5
15.0	50.0	10.0	47.6
21.0	53.8	10.0	41.7
15.0	41.7	10.0	35.7
15.0	42.9	9.0	34.6
19.0	35.8	10.0	31.3
15.0	37.5	9.0	34.6
25.0	51.0	16.0	47.1
17.0	32.7	11.0	33.3
18.0	38.3	13.0	37.1
21.0	45.7	15.0	40.5
19.0	36.5	15.0	39.5
20.0	37.7	12.0	33.3
28.0	45.2	15.0	38.5
17.0	41.5	11.0	39.3
19.0	29.2	10.0	28.6
24.0	43.6	13.0	38.2
14.0	30.4	10.0	32.3
13.0	24.1	11.0	28.9
10.0	22.7	7.0	25.0
8.0	16.7	6.0	20.7
14.0	23.0	10.0	24.4
14.0	35.0	7.0	31.8
12.0	30.0	8.0	32.0
9.0	39.1	7.0	38.9
15.0	37.5	9.0	34.6
16.0	37.2	8.0	33.3

17.0	35.4	8.0	28.6
17.0	27.4	9.0	23.7
13.0	33.3	7.0	30.4
7.0	41.2	5.0	35.7
23.0	45.1	16.0	47.1
14.0	56.0	11.0	52.4
26.0	38.8	17.0	41.5
16.0	53.3	13.0	54.2
17.0	36.2	11.0	34.4
17.0	48.6	12.0	48.0
5.0	23.8	5.0	27.8
10.0	32.3	10.0	40.0
18.0	56.3	15.0	55.6
23.0	42.6	17.0	45.9
23.0	53.5	17.0	51.5
16.0	39.0	11.0	36.7
28.0	54.9	14.0	46.7
20.0	71.4	13.0	72.2
16.0	34.8	9.0	33.3
16.0	47.1	7.0	36.8
20.0	55.6	10.0	47.6
13.0	38.2	8.0	38.1
11.0	27.5	6.0	24.0
18.0	48.6	11.0	45.8
15.0	51.7	9.0	45.0
23.0	60.5	14.0	53.8
11.0	26.2	6.0	23.1
20.0	48.8	11.0	42.3
27.0	48.2	15.0	40.5
12.0	48.0	10.0	45.5
16.0	45.7	13.0	50.0
6.0	31.6	5.0	31.3
14.0	37.8	11.0	42.3
8.0	33.3	7.0	36.8
12.0	31.6	8.0	32.0
10.0	40.0	8.0	42.1
10.0	27.8	7.0	29.2
16.0	40.0	9.0	36.0
17.0	42.5	11.0	40.7
11.0	23.4	6.0	25.0
23.0	39.0	13.0	38.2
4.0	17.4	3.0	18.8
12.0	33.3	8.0	26.7
13.0	28.3	9.0	30.0
11.0	31.4	9.0	40.9
16.0	37.2	11.0	42.3
18.0	33.3	12.0	38.7
17.0	48.6	13.0	46.4
18.0	45.0	13.0	44.8
16.0	50.0	12.0	54.5

14.0	34.1	7.0	30.4
12.0	33.3	9.0	33.3
8.0	23.5	8.0	32.0
12.0	35.3	8.0	32.0
11.0	34.4	8.0	33.3
19.0	35.2	11.0	39.3
17.0	30.4	9.0	30.0
18.0	39.1	12.0	37.5
26.0	33.8	11.0	33.3
20.0	35.7	10.0	37.0
17.0	31.5	8.0	28.6
17.0	32.7	8.0	27.6
27.0	40.9	11.0	31.4
26.0	36.6	13.0	36.1
18.0	25.4	10.0	29.4
29.0	36.3	15.0	36.6
11.0	18.0	7.0	20.6
26.0	33.8	12.0	34.3
18.0	23.7	8.0	22.9
16.0	32.0	10.0	33.3
22.0	37.3	15.0	41.7
23.0	38.3	14.0	38.9
25.0	37.9	12.0	32.4
22.0	33.3	10.0	27.8
14.0	28.0	9.0	26.5
15.0	27.3	10.0	28.6
18.0	30.5	12.0	31.6
24.0	39.3	14.0	35.9
22.0	34.9	13.0	31.0
13.0	18.8	7.0	19.4
23.0	46.0	10.0	38.5
15.0	23.8	9.0	25.0
8.0	12.9	5.0	16.7
11.0	25.6	7.0	25.0
22.0	40.7	13.0	39.4
16.0	55.2	11.0	50.0
18.0	38.3	13.0	39.4
17.0	22.7	12.0	30.8
11.0	18.3	7.0	20.0
18.0	40.0	10.0	38.5
15.0	34.1	9.0	34.6
4.0	5.6	2.0	6.7
1.0	2.0	1.0	3.7
5.0	8.9	2.0	7.1
6.0	9.4	3.0	7.9
2.0	4.2	1.0	4.5
9.0	14.8	6.0	18.8
10.0	14.7	5.0	15.6
18.0	20.5	10.0	23.3
6.0	8.1	3.0	8.8

28.0	50.0	14.0	45.2
23.0	37.7	13.0	34.2
29.0	36.3	12.0	32.4
14.0	23.0	7.0	24.1
10.0	16.9	6.0	16.7
22.0	47.8	14.0	48.3
17.0	37.8	11.0	37.9
24.0	42.1	14.0	37.8
24.0	48.0	12.0	44.4
10.0	18.2	8.0	23.5
13.0	16.0	8.0	21.1
25.0	32.1	12.0	31.6
31.0	36.0	16.0	37.2
30.0	38.5	16.0	36.4
26.0	36.6	11.0	31.4
25.0	45.5	15.0	42.9
16.0	32.7	8.0	29.6
22.0	37.9	15.0	48.4
20.0	37.0	13.0	39.4
21.0	34.4	11.0	30.6
28.0	36.8	14.0	36.8
27.0	37.5	11.0	32.4
32.0	49.2	14.0	48.3
31.0	40.3	16.0	39.0
23.0	35.4	11.0	34.4
26.0	38.2	10.0	37.0
23.0	41.8	11.0	45.8
25.0	43.9	10.0	37.0
30.0	33.3	11.0	31.4
38.0	35.8	17.0	36.2
31.0	28.7	14.0	30.4
37.0	30.6	14.0	30.4
6.0	24.0	5.0	27.8
5.0	17.9	3.0	16.7
4.0	14.8	3.0	18.8
14.0	42.4	10.0	40.0
18.0	42.9	10.0	40.0
13.0	25.0	11.0	30.6
5.0	15.2	4.0	17.4
12.0	33.3	9.0	34.6
14.0	29.8	9.0	33.3
10.0	19.2	6.0	20.0
8.0	25.0	4.0	26.7
22.0	29.3	10.0	27.8
16.0	24.6	10.0	29.4
23.0	28.0	15.0	33.3
27.0	37.0	16.0	39.0
23.0	33.8	11.0	30.6
25.0	35.7	13.0	36.1
20.0	35.1	10.0	30.3

19.0	38.0	13.0	36.1
10.0	15.9	5.0	16.1
12.0	20.3	7.0	23.3
7.0	13.5	7.0	21.2
15.0	15.5	7.0	16.7
21.0	20.2	8.0	19.0
20.0	21.5	11.0	25.6
15.0	17.9	8.0	21.1
8.0	10.5	5.0	12.8
14.0	14.1	7.0	16.7
2.0	4.5	2.0	8.3
8.0	12.5	5.0	14.3
11.0	20.0	7.0	22.6
3.0	9.7	2.0	10.0
11.0	20.8	6.0	23.1
4.0	9.3	3.0	10.7
5.0	8.3	2.0	7.1
10.0	18.9	7.0	22.6
6.0	13.6	5.0	18.5
15.0	19.2	9.0	22.0
23.0	25.0	11.0	25.6
15.0	17.0	6.0	15.4
6.0	21.4	4.0	19.0
14.0	29.2	7.0	28.0
14.0	15.9	10.0	22.7
10.0	14.5	7.0	18.9
4.0	6.3	2.0	5.9
19.0	38.8	10.0	34.5
17.0	34.7	10.0	38.5
11.0	31.4	7.0	31.8
14.0	31.8	8.0	28.6
7.0	16.3	5.0	16.7
14.0	18.9	7.0	20.0
22.0	35.5	12.0	36.4
2.0	7.1	2.0	9.5
6.0	24.0	6.0	31.6
4.0	19.0	2.0	13.3
7.0	11.9	5.0	17.2
7.0	19.4	7.0	25.9
2.0	12.5	2.0	14.3
21.0	41.2	13.0	41.9
9.0	11.7	6.0	17.1
14.0	20.9	8.0	22.9
11.0	15.5	9.0	22.0
24.0	34.8	13.0	30.2
15.0	24.6	10.0	26.3
10.0	14.9	6.0	14.6
10.0	16.4	8.0	20.0
6.0	9.4	5.0	14.3
18.0	24.3	11.0	29.7

8.0	13.8	7.0	19.4
10.0	16.1	5.0	15.2
18.0	24.0	11.0	26.8
13.0	22.0	8.0	21.6
15.0	33.3	10.0	35.7
4.0	7.5	3.0	10.0
20.0	26.7	10.0	25.0
25.0	39.7	14.0	38.9
29.0	31.9	14.0	31.1
15.0	20.5	8.0	18.6
15.0	30.6	10.0	33.3
13.0	15.3	7.0	16.7
8.0	13.3	4.0	12.1
11.0	20.0	7.0	19.4
9.0	13.8	6.0	20.0
2.0	6.9	2.0	11.1
8.0	18.6	8.0	24.2
8.0	16.0	7.0	21.2
18.0	27.7	11.0	27.5
21.0	27.6	12.0	26.1
10.0	40.0	6.0	37.5
10.0	27.8	7.0	31.8
12.0	48.0	9.0	47.4
16.0	40.0	11.0	40.7
11.0	35.5	9.0	39.1
16.0	41.0	12.0	40.0
10.0	35.7	7.0	31.8
10.0	34.5	7.0	31.8
12.0	44.4	7.0	41.2
18.0	46.2	11.0	45.8
12.0	42.9	7.0	35.0
12.0	38.7	8.0	36.4
16.0	40.0	9.0	37.5
25.0	44.6	13.0	43.3
23.0	43.4	13.0	41.9
16.0	26.7	10.0	26.3
9.0	24.3	6.0	21.4
25.0	36.8	16.0	43.2
21.0	29.6	11.0	30.6
18.0	35.3	9.0	36.0
12.0	28.6	7.0	35.0
17.0	32.1	9.0	34.6
8.0	11.9	5.0	14.7
6.0	13.0	5.0	16.1
22.0	30.6	13.0	33.3
17.0	25.0	10.0	27.0
19.0	27.5	12.0	30.8
10.0	18.9	5.0	16.1
19.0	27.9	9.0	25.0
33.0	32.4	17.0	32.7

21.0	33.9	14.0	36.8
21.0	30.9	12.0	33.3
19.0	33.3	12.0	33.3
15.0	34.9	11.0	36.7
20.0	28.6	13.0	30.2
19.0	41.3	12.0	46.2
26.0	37.7	16.0	41.0
21.0	31.3	12.0	34.3
16.0	23.5	11.0	31.4
19.0	31.7	10.0	32.3
13.0	35.1	9.0	37.5
16.0	50.0	12.0	52.2
20.0	48.8	11.0	45.8
13.0	50.0	9.0	47.4
15.0	44.1	10.0	40.0
20.0	41.7	13.0	40.6
12.0	26.1	7.0	28.0
11.0	15.9	7.0	20.0
6.0	8.0	4.0	11.8
10.0	18.2	6.0	18.8
15.0	38.5	9.0	37.5
16.0	40.0	11.0	39.3
15.0	30.0	10.0	27.8
12.0	42.9	10.0	47.6
8.0	32.0	8.0	40.0
23.0	46.9	12.0	37.5
22.0	42.3	11.0	39.3
21.0	42.0	10.0	37.0
26.0	33.8	11.0	29.7
13.0	41.9	10.0	41.7
8.0	20.5	6.0	20.0
20.0	39.2	12.0	41.4
16.0	23.2	10.0	25.0
9.0	12.3	6.0	16.7
5.0	8.9	4.0	12.1
2.0	4.0	2.0	7.4
8.0	11.8	5.0	16.1
15.0	31.9	8.0	34.8
21.0	26.9	11.0	31.4
7.0	13.2	5.0	16.1
18.0	33.3	9.0	31.0
19.0	48.7	10.0	41.7
9.0	64.3	7.0	63.6
12.0	18.5	6.0	17.6
13.0	27.1	7.0	28.0
19.0	48.7	8.0	42.1
10.0	40.0	7.0	36.8
12.0	57.1	8.0	50.0
6.0	26.1	4.0	25.0
12.0	54.5	7.0	46.7

7.0	28.0	6.0	33.3
10.0	41.7	7.0	46.7
14.0	42.4	7.0	36.8
20.0	51.3	12.0	50.0
16.0	48.5	11.0	50.0
17.0	35.4	13.0	43.3
28.0	50.9	13.0	46.4
23.0	35.4	11.0	35.5
20.0	40.0	8.0	36.4
22.0	41.5	11.0	37.9
14.0	24.6	7.0	24.1
24.0	34.8	10.0	27.8
7.0	28.0	5.0	27.8
17.0	28.8	10.0	33.3
11.0	20.4	6.0	24.0
18.0	40.0	11.0	39.3
11.0	26.2	7.0	25.0
14.0	56.0	9.0	52.9
24.0	46.2	13.0	46.4
20.0	55.6	14.0	56.0
11.0	26.8	9.0	31.0
16.0	43.2	10.0	41.7
11.0	28.2	8.0	30.8
9.0	23.1	6.0	25.0
21.0	44.7	13.0	46.4
25.0	32.9	14.0	35.0
21.0	42.9	13.0	40.6
11.0	20.8	9.0	25.7
17.0	34.0	11.0	35.5
20.0	35.1	12.0	34.3
17.0	34.0	11.0	34.4
21.0	41.2	12.0	38.7
23.0	41.8	15.0	42.9
17.0	41.5	14.0	43.8
3.0	7.5	3.0	11.1
9.0	22.0	8.0	29.6
4.0	13.8	4.0	18.2
17.0	27.0	10.0	30.3
11.0	26.8	8.0	32.0
14.0	30.4	10.0	31.3
18.0	39.1	11.0	39.3
10.0	23.3	7.0	21.9
14.0	25.9	9.0	25.7
10.0	47.6	8.0	44.4
10.0	23.8	7.0	25.9
5.0	11.9	4.0	13.8
16.0	32.0	9.0	29.0
12.0	29.3	8.0	25.8
18.0	33.3	13.0	34.2
10.0	30.3	7.0	31.8

10.0	25.6	9.0	30.0
14.0	38.9	9.0	36.0
21.0	31.3	13.0	36.1
16.0	40.0	10.0	38.5
5.0	12.5	5.0	18.5
17.0	27.4	10.0	26.3
11.0	44.0	9.0	45.0
20.0	30.8	13.0	30.2
9.0	29.0	6.0	26.1
14.0	37.8	8.0	33.3
18.0	42.9	10.0	37.0
17.0	33.3	10.0	32.3
24.0	44.4	11.0	36.7
24.0	50.0	12.0	44.4
26.0	44.8	12.0	37.5
16.0	22.2	7.0	19.4
11.0	52.4	8.0	47.1
9.0	52.9	7.0	50.0
19.0	38.0	10.0	32.3
20.0	54.1	11.0	50.0
18.0	38.3	11.0	40.7
18.0	60.0	9.0	50.0
19.0	45.2	10.0	38.5
29.0	43.9	17.0	42.5
20.0	45.5	14.0	50.0
20.0	33.9	9.0	25.7
4.0	12.5	4.0	20.0
3.0	16.7	2.0	13.3
7.0	22.6	5.0	22.7
7.0	26.9	4.0	21.1
4.0	17.4	2.0	12.5
4.0	15.4	3.0	15.8
3.0	15.0	2.0	14.3
4.0	13.8	2.0	10.5
5.0	20.8	4.0	25.0
15.0	31.3	9.0	29.0
18.0	37.5	11.0	35.5
9.0	27.3	7.0	30.4
10.0	26.3	6.0	24.0
9.0	28.1	7.0	29.2
16.0	27.6	10.0	28.6
14.0	35.0	9.0	36.0
7.0	16.7	6.0	20.0
10.0	35.7	7.0	33.3
12.0	42.9	10.0	47.6
13.0	30.2	7.0	25.0
5.0	31.3	4.0	28.6
17.0	35.4	12.0	36.4
14.0	33.3	10.0	32.3
16.0	42.1	11.0	36.7

19.0	35.8	10.0	32.3
9.0	45.0	7.0	41.2
11.0	36.7	7.0	30.4
10.0	30.3	7.0	33.3
10.0	27.8	8.0	32.0
9.0	37.5	5.0	31.3
8.0	29.6	4.0	20.0
9.0	28.1	7.0	30.4
13.0	41.9	8.0	38.1
11.0	32.4	7.0	31.8
8.0	50.0	6.0	42.9
7.0	36.8	5.0	31.3
7.0	28.0	5.0	27.8
8.0	25.0	5.0	26.3
14.0	41.2	10.0	43.5
16.0	50.0	9.0	47.4
10.0	41.7	8.0	42.1
15.0	39.5	10.0	37.0
8.0	29.6	6.0	28.6
12.0	36.4	10.0	38.5
11.0	44.0	9.0	52.9
14.0	37.8	10.0	41.7
12.0	40.0	9.0	39.1
17.0	37.0	9.0	37.5
17.0	43.6	11.0	42.3
19.0	50.0	11.0	52.4
20.0	43.5	13.0	44.8
26.0	44.1	17.0	43.6
12.0	30.8	8.0	30.8
6.0	22.2	6.0	25.0
14.0	48.3	12.0	50.0
14.0	70.0	11.0	64.7
11.0	34.4	9.0	42.9
15.0	36.6	9.0	36.0
13.0	41.9	10.0	41.7
13.0	37.1	9.0	40.9
9.0	50.0	6.0	42.9
21.0	48.8	13.0	48.1
11.0	39.3	7.0	36.8
11.0	64.7	8.0	57.1
13.0	37.1	10.0	33.3
14.0	29.2	11.0	32.4
19.0	37.3	14.0	40.0
18.0	31.6	14.0	35.9
15.0	39.5	12.0	44.4
10.0	23.8	6.0	22.2
14.0	40.0	10.0	41.7
17.0	43.6	12.0	44.4
18.0	60.0	13.0	59.1
12.0	50.0	7.0	41.2

17.0	43.6	11.0	36.7
14.0	42.4	11.0	42.3
10.0	27.8	7.0	23.3
10.0	43.5	8.0	38.1
15.0	60.0	10.0	55.6
5.0	21.7	3.0	20.0
15.0	41.7	9.0	40.9
15.0	31.9	9.0	30.0
5.0	23.8	4.0	23.5
16.0	48.5	10.0	45.5
12.0	54.5	9.0	47.4
14.0	51.9	10.0	50.0
9.0	56.3	6.0	46.2
8.0	42.1	7.0	43.8
10.0	34.5	7.0	33.3
7.0	50.0	6.0	46.2
12.0	54.5	8.0	47.1
11.0	45.8	9.0	42.9
11.0	68.8	10.0	71.4
16.0	47.1	11.0	37.9
7.0	53.8	6.0	50.0
15.0	42.9	10.0	41.7
14.0	35.9	9.0	34.6
10.0	40.0	7.0	38.9
10.0	38.5	7.0	31.8
15.0	53.6	11.0	50.0
16.0	30.8	10.0	30.3
10.0	16.7	6.0	19.4
12.0	26.7	10.0	34.5
21.0	42.9	13.0	39.4
35.0	43.8	17.0	42.5
23.0	41.1	12.0	41.4
22.0	44.9	12.0	40.0
12.0	30.0	8.0	33.3
13.0	37.1	11.0	44.0
12.0	26.7	10.0	30.3
18.0	39.1	12.0	41.4
27.0	42.9	15.0	44.1
11.0	27.5	10.0	38.5
19.0	42.2	13.0	41.9
17.0	38.6	9.0	33.3
27.0	37.5	14.0	35.0
16.0	34.0	8.0	29.6
31.0	38.8	15.0	34.9
19.0	42.2	15.0	48.4
16.0	30.8	12.0	38.7
14.0	23.0	10.0	27.0
20.0	45.5	10.0	40.0
25.0	41.0	13.0	40.6
28.0	49.1	14.0	46.7

20.0	42.6	11.0	47.8
24.0	49.0	14.0	46.7
9.0	26.5	5.0	26.3
12.0	26.1	5.0	20.8
14.0	40.0	8.0	38.1
12.0	21.4	12.0	29.3
29.0	37.2	15.0	33.3
16.0	25.0	10.0	29.4
24.0	28.6	15.0	32.6
22.0	36.7	16.0	40.0
1.0	2.5	1.0	5.0
19.0	26.8	11.0	27.5
22.0	30.6	12.0	30.0
17.0	36.2	10.0	37.0
14.0	40.0	8.0	40.0
10.0	27.0	9.0	33.3
16.0	43.2	14.0	45.2
21.0	30.9	11.0	29.7
11.0	19.6	5.0	19.2
22.0	40.0	14.0	41.2
18.0	40.9	14.0	42.4
16.0	41.0	10.0	38.5
22.0	45.8	15.0	41.7
17.0	36.2	13.0	35.1
22.0	37.9	17.0	42.5
14.0	31.8	11.0	35.5
15.0	30.0	11.0	31.4
21.0	35.0	11.0	32.4
17.0	26.6	11.0	28.9
23.0	33.3	13.0	29.5
17.0	27.4	9.0	26.5
14.0	31.1	8.0	27.6
17.0	30.9	11.0	32.4
16.0	31.4	9.0	33.3
11.0	26.8	8.0	28.6
16.0	24.2	8.0	25.8
16.0	29.1	10.0	29.4
13.0	65.0	9.0	56.3
27.0	42.9	15.0	38.5
23.0	40.4	14.0	38.9
31.0	43.7	14.0	36.8
18.0	34.0	11.0	34.4
17.0	41.5	11.0	39.3
8.0	16.0	4.0	14.8
16.0	45.7	12.0	46.2
18.0	38.3	12.0	38.7
23.0	40.4	16.0	45.7
22.0	36.1	14.0	35.0
33.0	42.3	21.0	43.8
25.0	39.1	12.0	34.3

31.0	39.2	17.0	37.8
21.0	33.9	11.0	34.4
26.0	43.3	13.0	38.2
22.0	46.8	12.0	44.4
21.0	56.8	13.0	52.0
31.0	41.9	19.0	44.2
11.0	42.3	9.0	45.0
8.0	18.6	5.0	17.2
11.0	23.9	8.0	26.7
17.0	32.7	9.0	28.1
18.0	34.0	10.0	30.3
8.0	15.4	5.0	17.2
16.0	25.0	9.0	29.0
8.0	15.4	5.0	16.7
26.0	33.8	12.0	33.3
15.0	32.6	9.0	32.1
15.0	21.4	10.0	23.8
15.0	28.8	8.0	30.8
14.0	29.8	10.0	30.3
14.0	26.4	8.0	29.6
4.0	9.5	3.0	9.4
10.0	20.8	6.0	21.4
12.0	25.0	9.0	29.0
8.0	19.5	7.0	28.0
12.0	19.7	8.0	22.9
17.0	42.5	12.0	40.0
24.0	32.9	13.0	33.3
20.0	25.3	11.0	28.9
28.0	35.4	14.0	37.8
9.0	16.4	6.0	18.2
24.0	27.0	14.0	28.6
23.0	37.7	12.0	37.5
22.0	23.4	13.0	25.0
14.0	30.4	10.0	35.7
18.0	32.1	11.0	31.4
24.0	29.3	13.0	29.5
22.0	38.6	12.0	37.5
25.0	40.3	14.0	37.8
21.0	24.4	14.0	26.4
13.0	18.8	6.0	16.7
14.0	45.2	8.0	40.0
16.0	32.7	10.0	30.3
18.0	32.7	13.0	33.3
9.0	19.1	6.0	21.4
18.0	26.1	10.0	26.3
18.0	23.4	9.0	22.5
7.0	9.9	3.0	8.3
9.0	17.3	6.0	18.8
3.0	6.3	2.0	6.9
6.0	18.8	4.0	20.0

23.0	29.9	10.0	27.8
25.0	46.3	12.0	36.4
16.0	29.6	8.0	30.8
13.0	17.8	7.0	20.0
12.0	23.1	7.0	25.0
12.0	33.3	12.0	41.4
11.0	20.4	9.0	26.5
9.0	20.9	8.0	25.8
4.0	12.5	4.0	21.1
14.0	20.3	9.0	25.0
4.0	13.8	4.0	16.0
11.0	17.2	5.0	13.5
8.0	17.0	5.0	15.2
19.0	21.8	13.0	28.3
23.0	27.7	12.0	26.1
30.0	36.6	17.0	37.8
19.0	33.9	12.0	35.3
20.0	25.6	12.0	29.3
25.0	34.2	15.0	37.5
32.0	38.1	18.0	36.0
18.0	30.0	9.0	27.3
23.0	26.7	13.0	28.3
22.0	46.8	13.0	40.6
26.0	46.4	15.0	45.5
15.0	34.9	8.0	33.3
15.0	25.0	10.0	27.0
20.0	29.9	13.0	31.0
9.0	22.5	6.0	24.0
5.0	9.4	3.0	10.0
7.0	14.9	5.0	16.1
7.0	15.9	6.0	18.8
9.0	17.0	5.0	14.3
15.0	22.4	8.0	23.5
8.0	16.7	5.0	19.2
17.0	29.8	10.0	31.3
14.0	21.9	10.0	25.6
23.0	36.5	16.0	43.2
21.0	29.2	12.0	29.3
24.0	40.0	15.0	42.9
11.0	28.2	8.0	28.6
14.0	33.3	12.0	36.4
18.0	47.4	13.0	50.0
16.0	41.0	9.0	36.0
15.0	33.3	8.0	29.6
16.0	64.0	11.0	57.9
22.0	40.7	12.0	40.0
15.0	31.3	8.0	28.6
25.0	37.9	15.0	38.5
7.0	15.9	5.0	17.2
20.0	26.3	12.0	30.8

22.0	34.4	11.0	29.7
9.0	40.9	6.0	33.3
9.0	31.0	6.0	26.1
20.0	34.5	13.0	37.1
14.0	50.0	9.0	45.0
14.0	26.4	8.0	23.5
21.0	40.4	13.0	37.1
19.0	33.9	13.0	36.1
12.0	30.8	8.0	32.0
5.0	12.5	4.0	14.3
18.0	37.5	13.0	36.1
16.0	32.0	11.0	30.6
12.0	37.5	9.0	34.6
14.0	21.9	10.0	27.8
10.0	20.0	7.0	24.1
15.0	25.0	8.0	23.5
21.0	34.4	12.0	33.3
12.0	21.4	7.0	23.3
15.0	35.7	9.0	34.6
18.0	48.6	13.0	44.8
12.0	21.8	8.0	24.2
15.0	36.6	10.0	32.3
11.0	23.4	7.0	22.6
16.0	35.6	8.0	32.0
2.0	6.3	2.0	8.7
13.0	41.9	9.0	45.0
11.0	26.8	8.0	26.7
9.0	29.0	6.0	30.0
28.0	47.5	14.0	38.9
6.0	10.5	4.0	12.5
19.0	35.8	12.0	36.4
12.0	35.3	8.0	33.3
11.0	33.3	10.0	41.7
12.0	60.0	10.0	58.8
11.0	50.0	9.0	47.4
12.0	50.0	7.0	38.9
11.0	28.2	7.0	29.2
21.0	44.7	12.0	42.9
5.0	10.2	3.0	11.1
14.0	22.6	7.0	20.0
11.0	47.8	9.0	45.0
20.0	41.7	14.0	45.2
14.0	40.0	10.0	37.0
12.0	18.8	7.0	18.9
14.0	30.4	9.0	31.0
13.0	20.3	6.0	15.8
12.0	27.3	7.0	26.9
12.0	26.7	8.0	26.7
8.0	13.6	5.0	18.5
27.0	43.5	15.0	40.5

20.0	37.0	11.0	37.9
30.0	46.2	17.0	42.5
27.0	42.9	16.0	42.1
18.0	32.7	12.0	35.3
17.0	34.0	13.0	38.2
5.0	8.9	3.0	10.0
9.0	19.6	6.0	24.0
13.0	25.0	7.0	22.6
14.0	17.7	7.0	17.9
29.0	47.5	18.0	47.4
19.0	50.0	14.0	51.9
10.0	24.4	8.0	28.6
17.0	41.5	12.0	37.5
9.0	25.7	8.0	30.8
18.0	37.5	13.0	41.9
19.0	36.5	12.0	36.4
16.0	41.0	11.0	44.0
14.0	50.0	10.0	47.6
13.0	37.1	10.0	40.0
18.0	46.2	12.0	50.0
17.0	34.7	12.0	38.7
12.0	21.8	9.0	25.0
11.0	23.4	8.0	26.7
7.0	12.5	4.0	14.8
8.0	11.9	5.0	16.1
7.0	10.8	5.0	15.2
10.0	23.8	7.0	21.9
5.0	14.3	3.0	11.5
7.0	10.9	4.0	13.3
5.0	12.5	4.0	13.3
10.0	15.6	6.0	17.1
8.0	12.1	4.0	12.9
14.0	29.8	9.0	31.0
5.0	18.5	3.0	14.3
10.0	25.6	8.0	28.6
11.0	21.2	5.0	16.1
10.0	26.3	7.0	29.2
12.0	21.8	7.0	19.4
10.0	20.0	6.0	16.7
12.0	46.2	8.0	42.1
21.0	43.8	16.0	45.7
18.0	37.5	9.0	26.5
17.0	44.7	13.0	43.3
20.0	47.6	13.0	52.0
23.0	45.1	14.0	40.0
14.0	27.5	9.0	30.0
18.0	36.0	10.0	27.8
9.0	31.0	7.0	30.4
8.0	34.8	5.0	29.4
26.0	55.3	15.0	51.7

0.0	0.0	0.0	0.0
18.0	62.1	12.0	54.5
16.0	33.3	11.0	30.6
15.0	33.3	9.0	30.0
19.0	31.7	11.0	31.4
18.0	32.7	11.0	28.9
10.0	32.3	6.0	28.6
16.0	50.0	11.0	44.0
14.0	48.3	9.0	45.0
11.0	27.5	5.0	20.8
12.0	34.3	8.0	34.8
21.0	40.4	13.0	36.1
6.0	10.5	4.0	12.9
25.0	38.5	13.0	33.3
20.0	27.0	12.0	27.9
14.0	16.1	10.0	21.3
14.0	25.0	10.0	27.8
10.0	33.3	6.0	35.3
5.0	15.2	3.0	17.6
8.0	36.4	6.0	40.0
16.0	41.0	12.0	40.0
8.0	29.6	7.0	33.3
12.0	44.4	9.0	52.9
17.0	51.5	10.0	43.5
14.0	21.9	9.0	25.0
16.0	47.1	11.0	44.0
31.0	57.4	14.0	51.9
16.0	29.1	9.0	33.3
17.0	37.0	10.0	35.7
21.0	40.4	13.0	39.4
15.0	39.5	10.0	35.7
11.0	45.8	9.0	47.4
17.0	44.7	11.0	45.8
17.0	51.5	10.0	47.6
16.0	45.7	9.0	39.1
12.0	21.4	7.0	25.9
14.0	27.5	11.0	32.4
6.0	13.6	5.0	18.5
2.0	4.5	2.0	8.0
3.0	7.1	2.0	7.1
30.0	45.5	13.0	40.6
30.0	48.4	18.0	45.0
8.0	53.3	7.0	50.0
12.0	44.4	10.0	45.5
25.0	55.6	13.0	50.0
24.0	37.5	14.0	37.8
20.0	38.5	13.0	40.6
15.0	25.4	9.0	31.0
18.0	30.0	11.0	28.9
10.0	62.5	7.0	53.8

10.0	38.5	9.0	40.9
9.0	60.0	6.0	50.0
12.0	50.0	8.0	47.1
16.0	45.7	11.0	42.3
13.0	35.1	8.0	34.8
9.0	45.0	7.0	38.9
8.0	80.0	7.0	77.8
11.0	84.6	8.0	80.0
8.0	66.7	6.0	60.0
9.0	40.9	7.0	36.8
11.0	45.8	8.0	44.4
13.0	39.4	10.0	38.5
14.0	38.9	9.0	31.0
22.0	68.8	15.0	65.2
19.0	46.3	13.0	43.3
20.0	45.5	15.0	46.9
13.0	44.8	10.0	43.5
27.0	38.0	16.0	38.1
15.0	41.7	11.0	40.7
26.0	50.0	16.0	50.0
19.0	47.5	13.0	44.8
10.0	24.4	7.0	29.2
15.0	46.9	9.0	39.1
14.0	40.0	11.0	36.7
19.0	31.7	13.0	35.1
11.0	26.2	8.0	30.8
10.0	23.3	5.0	23.8
15.0	25.9	11.0	27.5
12.0	60.0	9.0	56.3
14.0	70.0	10.0	62.5
12.0	46.2	7.0	38.9
14.0	56.0	12.0	54.5
22.0	42.3	12.0	40.0
19.0	35.8	11.0	31.4
17.0	27.4	10.0	27.8
9.0	22.0	4.0	16.0
11.0	26.2	8.0	27.6
25.0	59.5	16.0	53.3
9.0	50.0	6.0	40.0
12.0	70.6	9.0	69.2
22.0	55.0	16.0	53.3
19.0	67.9	15.0	62.5
19.0	43.2	13.0	41.9
14.0	41.2	10.0	37.0
13.0	50.0	10.0	47.6
23.0	50.0	16.0	50.0
24.0	57.1	16.0	55.2
26.0	43.3	17.0	42.5
20.0	51.3	13.0	44.8
17.0	43.6	12.0	41.4

21.0	61.8	11.0	61.1
19.0	48.7	11.0	39.3
19.0	44.2	12.0	46.2
14.0	45.2	8.0	44.4
13.0	41.9	8.0	36.4
22.0	34.9	12.0	32.4
8.0	28.6	8.0	34.8
15.0	30.6	8.0	34.8
13.0	37.1	8.0	32.0
16.0	35.6	10.0	34.5
22.0	43.1	12.0	40.0
19.0	43.2	10.0	41.7
20.0	46.5	11.0	44.0
11.0	64.7	9.0	60.0
13.0	44.8	12.0	48.0
11.0	73.3	10.0	71.4
17.0	53.1	13.0	52.0
13.0	52.0	10.0	45.5
22.0	47.8	15.0	45.5
17.0	60.7	14.0	58.3
12.0	50.0	9.0	45.0
14.0	58.3	11.0	52.4
16.0	55.2	13.0	52.0
23.0	51.1	14.0	42.4
28.0	50.0	16.0	42.1
3.0	37.5	3.0	37.5
19.0	48.7	13.0	41.9
11.0	39.3	8.0	38.1
10.0	55.6	9.0	52.9
14.0	51.9	11.0	47.8
13.0	65.0	11.0	61.1
16.0	72.7	11.0	68.8
19.0	61.3	13.0	56.5
23.0	69.7	16.0	64.0
20.0	60.6	13.0	54.2
8.0	42.1	7.0	43.8
10.0	38.5	7.0	33.3
14.0	73.7	10.0	71.4
13.0	65.0	9.0	60.0
12.0	57.1	10.0	52.6
13.0	34.2	11.0	37.9
25.0	50.0	18.0	47.4
17.0	33.3	10.0	34.5
5.0	31.3	4.0	30.8
18.0	26.9	10.0	27.8
25.0	37.3	14.0	35.0
24.0	55.8	11.0	42.3
19.0	51.4	11.0	47.8
20.0	26.3	9.0	25.7
17.0	28.3	10.0	27.0

18.0	33.3	9.0	34.6
26.0	34.2	11.0	34.4
19.0	23.2	8.0	23.5
32.0	53.3	16.0	47.1
15.0	32.6	11.0	37.9
14.0	36.8	12.0	44.4
11.0	25.6	7.0	25.0
15.0	36.6	11.0	35.5
17.0	34.0	11.0	29.7
19.0	30.6	13.0	32.5
16.0	30.8	11.0	30.6
16.0	30.8	12.0	34.3
18.0	31.6	13.0	32.5
8.0	17.4	5.0	20.0
20.0	43.5	13.0	43.3
7.0	14.9	4.0	15.4
4.0	6.0	2.0	5.7
24.0	36.4	11.0	35.5
31.0	50.8	14.0	40.0
22.0	51.2	16.0	44.4
25.0	48.1	15.0	40.5
21.0	30.9	11.0	28.2
20.0	35.1	14.0	35.0
16.0	43.2	10.0	40.0
4.0	14.3	3.0	13.6
3.0	5.9	2.0	6.9
3.0	6.4	1.0	3.8
7.0	13.7	6.0	17.1
2.0	5.0	2.0	9.1
8.0	16.3	6.0	22.2
10.0	21.3	4.0	17.4
17.0	28.3	9.0	30.0
8.0	12.7	4.0	13.8
26.0	59.1	15.0	51.7
27.0	50.0	16.0	48.5
26.0	38.2	14.0	35.9
14.0	25.0	10.0	28.6
10.0	19.6	7.0	21.9
19.0	47.5	14.0	48.3
24.0	55.8	17.0	53.1
26.0	55.3	16.0	47.1
17.0	47.2	12.0	46.2
10.0	20.8	7.0	20.0
14.0	19.2	8.0	20.0
20.0	28.6	12.0	32.4
21.0	35.0	13.0	34.2
30.0	42.3	18.0	40.0
17.0	28.8	11.0	30.6
27.0	54.0	15.0	45.5
7.0	25.0	6.0	31.6

20.0	39.2	13.0	40.6
18.0	34.0	9.0	30.0
14.0	31.8	11.0	39.3
32.0	60.4	17.0	56.7
26.0	59.1	13.0	56.5
32.0	59.3	15.0	53.6
29.0	55.8	15.0	50.0
24.0	42.9	12.0	42.9
16.0	51.6	9.0	50.0
19.0	55.9	11.0	50.0
15.0	48.4	9.0	47.4
26.0	35.1	10.0	30.3
40.0	49.4	18.0	45.0
35.0	39.8	17.0	35.4
35.0	34.3	16.0	34.8
9.0	29.0	7.0	30.4
7.0	25.9	6.0	30.0
7.0	29.2	6.0	33.3
22.0	66.7	14.0	63.6
17.0	48.6	9.0	45.0
11.0	30.6	9.0	34.6
15.0	29.4	9.0	27.3
10.0	31.3	6.0	26.1
16.0	31.4	9.0	33.3
11.0	26.8	8.0	32.0
14.0	41.2	6.0	40.0
13.0	26.0	8.0	25.0
17.0	41.5	11.0	36.7
31.0	34.4	17.0	37.8
27.0	34.2	18.0	37.5
25.0	29.1	15.0	31.9
14.0	34.1	12.0	37.5
14.0	35.0	10.0	30.3
19.0	38.0	9.0	36.0
5.0	12.5	3.0	13.6
7.0	14.9	5.0	17.9
7.0	16.3	6.0	22.2
6.0	10.2	4.0	13.3
8.0	10.1	3.0	8.6
21.0	21.4	10.0	23.8
17.0	18.9	7.0	17.5
9.0	11.5	4.0	10.8
11.0	15.1	5.0	14.7
2.0	6.7	2.0	9.1
12.0	19.4	6.0	16.7
5.0	7.8	2.0	5.9
1.0	4.2	1.0	5.0
12.0	19.7	7.0	20.6
6.0	14.3	4.0	16.0
6.0	12.0	4.0	12.1

16.0	25.0	9.0	24.3
10.0	18.9	5.0	17.2
21.0	28.0	8.0	23.5
23.0	28.0	12.0	27.3
6.0	9.5	3.0	10.0
7.0	21.9	5.0	20.8
7.0	13.5	4.0	12.5
6.0	20.0	4.0	19.0
5.0	12.8	5.0	17.9
0.0	0.0	0.0	0.0
23.0	44.2	13.0	41.9
4.0	5.7	4.0	10.3
17.0	39.5	9.0	36.0
13.0	31.7	10.0	40.0
22.0	48.9	14.0	43.8
13.0	35.1	11.0	39.3
14.0	13.9	6.0	16.7
16.0	29.6	10.0	32.3
1.0	3.7	1.0	6.3
7.0	28.0	5.0	29.4
2.0	9.5	1.0	7.1
3.0	8.8	2.0	10.0
5.0	16.7	3.0	18.8
4.0	11.8	4.0	14.8
7.0	25.0	6.0	28.6
6.0	11.3	4.0	13.3
10.0	27.0	6.0	26.1
14.0	21.5	10.0	23.8
25.0	28.7	15.0	30.6
15.0	25.4	10.0	27.0
12.0	18.2	6.0	15.4
13.0	17.1	7.0	19.4
13.0	19.1	6.0	19.4
15.0	21.4	8.0	24.2
7.0	16.3	5.0	16.1
5.0	9.3	4.0	16.0
21.0	25.3	10.0	27.0
7.0	16.3	6.0	21.4
17.0	73.9	12.0	70.6
9.0	18.8	6.0	20.7
17.0	29.8	11.0	30.6
24.0	35.8	13.0	32.5
27.0	31.0	15.0	31.9
14.0	23.3	8.0	22.2
13.0	26.0	8.0	26.7
12.0	24.0	8.0	26.7
12.0	16.2	8.0	19.5
10.0	20.0	7.0	22.6
14.0	21.2	8.0	22.9
8.0	18.2	5.0	19.2

5.0	11.9	4.0	16.0
17.0	29.8	9.0	25.7
23.0	31.1	15.0	32.6
14.0	20.9	10.0	23.3
20.0	52.6	11.0	47.8
26.0	45.6	14.0	46.7
14.0	46.7	8.0	40.0
18.0	50.0	11.0	47.8
18.0	45.0	12.0	44.4
24.0	61.5	16.0	61.5
31.0	52.5	17.0	50.0
21.0	63.6	14.0	58.3
20.0	66.7	11.0	57.9
2.0	22.2	2.0	28.6
1.0	16.7	1.0	25.0
18.0	56.3	12.0	57.1
21.0	46.7	13.0	46.4
26.0	52.0	14.0	48.3
28.0	49.1	15.0	44.1
12.0	20.7	8.0	24.2
14.0	21.9	7.0	20.6
21.0	40.4	13.0	39.4
27.0	39.1	16.0	42.1
13.0	41.9	9.0	42.9
16.0	34.8	11.0	36.7
15.0	34.1	9.0	34.6
8.0	12.9	6.0	20.0
2.0	3.3	2.0	6.5
16.0	28.6	12.0	29.3
12.0	24.5	9.0	29.0
16.0	25.4	10.0	25.0
8.0	11.4	6.0	17.6
10.0	16.4	8.0	25.0
33.0	29.7	15.0	29.4
17.0	21.5	11.0	25.0
20.0	26.3	11.0	28.9
20.0	41.7	14.0	43.8
18.0	51.4	12.0	50.0
27.0	46.6	18.0	48.6
14.0	36.8	8.0	36.4
12.0	33.3	9.0	36.0
24.0	44.4	15.0	42.9
19.0	27.1	12.0	34.3
18.0	39.1	12.0	42.9
5.0	41.7	5.0	41.7
14.0	42.4	11.0	40.7
3.0	16.7	3.0	21.4
3.0	21.4	3.0	27.3
11.0	52.4	9.0	47.4
14.0	41.2	11.0	40.7

4.0	13.3	4.0	20.0
11.0	18.6	6.0	21.4
6.0	9.1	3.0	12.5
11.0	26.2	6.0	21.4
16.0	53.3	9.0	50.0
28.0	46.7	12.0	41.4
28.0	46.7	14.0	43.8
22.0	34.4	12.0	38.7
1.0	5.3	1.0	9.1
23.0	44.2	12.0	38.7
23.0	50.0	12.0	40.0
36.0	46.8	17.0	41.5
30.0	35.3	17.0	36.2
14.0	60.9	11.0	61.1
4.0	33.3	4.0	36.4
33.0	52.4	18.0	47.4
22.0	28.2	13.0	31.7
6.0	12.2	5.0	16.1
4.0	10.0	2.0	8.7
6.0	12.8	4.0	13.3
14.0	25.0	9.0	31.0
12.0	29.3	9.0	39.1
17.0	26.6	13.0	33.3
10.0	20.8	8.0	25.0
13.0	27.7	9.0	31.0
15.0	40.5	9.0	36.0
14.0	77.8	8.0	72.7
16.0	28.1	8.0	25.8
16.0	34.8	7.0	29.2
26.0	45.6	13.0	36.1
15.0	57.7	11.0	52.4
17.0	81.0	11.0	78.6
14.0	82.4	9.0	81.8
21.0	65.6	13.0	61.9
16.0	48.5	10.0	45.5
13.0	48.1	8.0	44.4
22.0	55.0	13.0	54.2
20.0	45.5	12.0	48.0
28.0	56.0	15.0	50.0
16.0	50.0	9.0	47.4
29.0	54.7	16.0	55.2
21.0	47.7	16.0	51.6
21.0	48.8	10.0	41.7
26.0	46.4	14.0	45.2
22.0	36.7	14.0	36.8
22.0	27.8	11.0	26.2
10.0	29.4	7.0	25.9
17.0	25.4	8.0	25.8
10.0	22.2	8.0	27.6
21.0	42.9	11.0	40.7

9.0	24.3	7.0	26.9
15.0	55.6	13.0	59.1
19.0	57.6	13.0	48.1
13.0	61.9	11.0	61.1
17.0	42.5	10.0	37.0
14.0	63.6	12.0	63.2
14.0	36.8	10.0	35.7
10.0	28.6	6.0	23.1
16.0	38.1	11.0	34.4
22.0	35.5	13.0	36.1
26.0	55.3	15.0	53.6
17.0	34.0	13.0	35.1
21.0	41.2	14.0	38.9
13.0	31.7	11.0	35.5
14.0	45.2	12.0	44.4
15.0	38.5	10.0	34.5
8.0	22.2	8.0	30.8
11.0	26.2	10.0	34.5
5.0	13.5	3.0	11.5
1.0	3.7	1.0	4.3
2.0	7.7	1.0	5.9
10.0	24.4	7.0	26.9
1.0	7.1	1.0	8.3
14.0	31.8	9.0	31.0
17.0	43.6	9.0	37.5
14.0	26.9	10.0	26.3
16.0	39.0	9.0	34.6
12.0	70.6	9.0	64.3
12.0	29.3	7.0	25.0
12.0	25.5	8.0	21.6
14.0	45.2	10.0	41.7
22.0	43.1	13.0	41.9
16.0	44.4	12.0	41.4
11.0	26.8	8.0	29.6
15.0	42.9	11.0	36.7
21.0	50.0	15.0	46.9
18.0	40.9	13.0	39.4
20.0	46.5	14.0	46.7
15.0	44.1	13.0	46.4
18.0	37.5	12.0	35.3
16.0	51.6	11.0	45.8
10.0	52.6	8.0	47.1
18.0	43.9	13.0	43.3
20.0	47.6	12.0	44.4
19.0	42.2	11.0	35.5
12.0	30.8	8.0	27.6
24.0	34.8	11.0	27.5
16.0	34.8	12.0	38.7
25.0	41.0	14.0	35.9
12.0	17.9	6.0	18.8

15.0	83.3	11.0	78.6
9.0	81.8	7.0	77.8
20.0	43.5	16.0	43.2
14.0	46.7	10.0	45.5
27.0	45.8	12.0	35.3
23.0	41.8	13.0	36.1
13.0	46.4	9.0	40.9
18.0	39.1	12.0	35.3
30.0	61.2	20.0	55.6
23.0	44.2	15.0	42.9
6.0	17.6	5.0	23.8
9.0	45.0	5.0	31.3
10.0	29.4	7.0	28.0
12.0	34.3	7.0	28.0
8.0	30.8	4.0	25.0
9.0	23.1	8.0	29.6
7.0	77.8	5.0	71.4
9.0	27.3	6.0	23.1
10.0	45.5	7.0	36.8
21.0	51.2	14.0	45.2
21.0	43.8	14.0	41.2
15.0	40.5	9.0	33.3
18.0	42.9	11.0	39.3
23.0	50.0	12.0	48.0
15.0	37.5	11.0	42.3
18.0	45.0	9.0	37.5
13.0	36.1	8.0	29.6
14.0	50.0	10.0	47.6
18.0	50.0	11.0	44.0
18.0	41.9	12.0	41.4
6.0	46.2	6.0	46.2
16.0	48.5	12.0	48.0
25.0	44.6	15.0	41.7
17.0	47.2	11.0	44.0
21.0	43.8	12.0	37.5
16.0	57.1	13.0	59.1
10.0	50.0	9.0	52.9
19.0	59.4	13.0	59.1
20.0	55.6	12.0	54.5
16.0	55.2	9.0	45.0
15.0	55.6	9.0	47.4
25.0	48.1	14.0	43.8
14.0	53.8	9.0	50.0
15.0	57.7	10.0	52.6
9.0	56.3	7.0	53.8
11.0	45.8	8.0	44.4
15.0	45.5	10.0	41.7
17.0	48.6	12.0	44.4
20.0	50.0	14.0	48.3
21.0	63.6	15.0	60.0

17.0	77.3	11.0	78.6
25.0	62.5	17.0	56.7
24.0	54.5	14.0	45.2
14.0	50.0	10.0	45.5
16.0	53.3	11.0	55.0
18.0	47.4	13.0	50.0
19.0	54.3	11.0	44.0
19.0	46.3	9.0	40.9
21.0	87.5	15.0	88.2
26.0	57.8	17.0	53.1
24.0	52.2	19.0	51.4
24.0	44.4	16.0	43.2
11.0	32.4	8.0	36.4
17.0	47.2	10.0	40.0
13.0	65.0	11.0	64.7
14.0	82.4	9.0	75.0
19.0	54.3	13.0	48.1
19.0	54.3	11.0	45.8
21.0	63.6	13.0	54.2
18.0	50.0	11.0	45.8
6.0	100.0	4.0	100.0
20.0	55.6	15.0	55.6
12.0	52.2	9.0	50.0
8.0	72.7	7.0	70.0
17.0	48.6	10.0	40.0
14.0	56.0	12.0	57.1
25.0	51.0	17.0	48.6
8.0	28.6	8.0	34.8
17.0	60.7	11.0	55.0
14.0	45.2	11.0	42.3
20.0	74.1	14.0	66.7
19.0	52.8	14.0	48.3
14.0	70.0	8.0	57.1
16.0	59.3	11.0	52.4
11.0	57.9	8.0	53.3
9.0	60.0	7.0	53.8
11.0	37.9	8.0	33.3
7.0	46.7	5.0	38.5
16.0	55.2	12.0	54.5
16.0	72.7	12.0	70.6
15.0	40.5	11.0	40.7
8.0	61.5	6.0	54.5
10.0	71.4	8.0	66.7
18.0	64.3	12.0	57.1
14.0	66.7	11.0	61.1
10.0	58.8	8.0	57.1
5.0	100.0	4.0	100.0
7.0	87.5	6.0	85.7
15.0	55.6	12.0	50.0
7.0	87.5	6.0	85.7

22.0	64.7	15.0	57.7
6.0	85.7	5.0	83.3
10.0	76.9	9.0	75.0
14.0	56.0	10.0	52.6
6.0	75.0	5.0	71.4
11.0	64.7	8.0	57.1
19.0	48.7	15.0	50.0
14.0	50.0	9.0	40.9
16.0	55.2	12.0	52.2
13.0	81.3	9.0	75.0
19.0	47.5	10.0	38.5
10.0	21.3	6.0	20.7
10.0	19.6	7.0	25.0
22.0	61.1	16.0	57.1
23.0	46.9	17.0	51.5
18.0	41.9	12.0	44.4
18.0	62.1	14.0	60.9
11.0	22.4	7.0	25.0
15.0	28.8	10.0	30.3
22.0	33.3	15.0	36.6
24.0	44.4	15.0	40.5
34.0	44.2	17.0	39.5
19.0	31.7	12.0	36.4
15.0	34.9	12.0	36.4
13.0	27.7	9.0	29.0
16.0	26.7	10.0	28.6
14.0	35.9	9.0	37.5
22.0	37.9	11.0	32.4
18.0	39.1	15.0	46.9
12.0	23.1	10.0	32.3
15.0	25.9	11.0	29.7
18.0	41.9	10.0	40.0
31.0	48.4	16.0	47.1
21.0	53.8	12.0	48.0
18.0	48.6	10.0	40.0
29.0	67.4	14.0	66.7
19.0	37.3	10.0	37.0
21.0	50.0	11.0	50.0
15.0	25.0	8.0	22.2
27.0	33.8	17.0	34.0
21.0	34.4	14.0	35.0
10.0	18.5	8.0	25.0
19.0	24.7	13.0	26.0
20.0	30.3	15.0	36.6
5.0	10.4	4.0	15.4
21.0	22.8	12.0	26.1
21.0	30.0	12.0	27.3
10.0	40.0	6.0	40.0
21.0	42.0	9.0	34.6
9.0	56.3	8.0	53.3

22.0	48.9	16.0	44.4
18.0	30.0	12.0	35.3
13.0	27.1	7.0	28.0

Sand	Silt & Clay	Sand silt clay %
0	0	0
17	0	17
8	0	8
6	0	6
11	0	11
5	7	12
7	9	16
23	26	49
1	4	5
3	3	6
5	2	7
9	20	29
4	14	18
10	4	14
3	2	5
14	20	34
21	18	39
20	17	37
0	0	0
2	0	2
0	0	0
0	3	3
0	1	1
5	0	5
6	7	13
2	0	2
1	1	2
3	2	5
4	2	6
8	11	19
6	13	19
0	12	12
2	8	10
0	3	3
0	2	2
3	0	3
8	1	9
11	3	14
2	3	5
35	2	37
6	2	8
23	0	23
18	12	30
15	8	23
10	0	10
18	2	20
5	3	8
17	0	17
5	0	5

18	0	18
17	0	17
0	100	100
24	4	28
20	2	22
28	3	31
11	27	38
12	4	16
28	23	51
39	17	56
15	1	16
15	23	38
18	6	24
38	19	57
29	39	68
4	19	23
7	6	13
3	4	7
4	0	4
16	7	23
14	0	14
6	4	10
10	57	67
12	6	18
0	2	2
0	2	2
1	84	85
2	28	30
0	100	100
17	51	68
29	10	39
17	7	24
19	15	34
4	42	46
23	11	34
3	20	23
43	20	63
14	23	37
2	1	3
11	60	71
21	48	69
9	4	13
7	4	11
0	5	5
3	7	10
3	2	5
16	9	25
1	0	1
0	1	1
33	14	47

0	4	4
2	0	2
0	1	1
0	1	1
4	3	7
3	1	4
13	4	17
10	4	14
8	5	13
10	7	17
31	48	79
8	23	31
10	9	19
11	21	32
15	15	30
15	5	20
21	2	23
6	23	29
15	7	22
5	0	5
5	0	5
25	0	25
0	0	0
40	3	43
5	17	22
5	0	5
35	0	35
5	0	5
5	2	7
42	3	45
25	5	30
3	3	6
35	2	37
10	0	10
4	0	4
32	2	34
5	0	5
43	22	65
10	0	10
7	10	17
5	0	5
0	0	0
20	20	40
0	0	0
2	0	2
5	5	10
10	85	95
5	0	5
5	0	5
15	20	35

15	0	15
5	0	5
95	5	100
20	0	20
0	5	5
10	0	10
23	67	90
5	5	10
3	0	3
40	0	40
2	0	2
47	3	50
70	5	75
20	0	20
10	0	10
5	0	5
0	0	0
3	0	3
10	0	10
0	0	0
0	5	5
0	0	0
5	0	5
3	0	3
3	0	3
60	5	65
10	0	10
0	6	6
22	0	22
33	0	33
40	60	100
0	0	0
0	0	0
0	0	0
0	0	0
1	3	4
4	1	5
25	32	57
19	19	38
26	0	26
8	0	8
5	0	5
5	0	5
5	5	10
3	0	3
50	0	50
15	4	19
35	50	85
5	0	5
0	0	0

75	5	80
5	0	5
36	0	36
20	20	40
1	18	19
0	3	3
0	50	50
0	100	100
28	24	52
10	4	14
0	100	100
9	3	12
16	39	55
4	76	80
34	0	34
57	33	90
67	33	100
74	14	88
50	3	53
33	0	33
32	0	32
0	0	0
5	0	5
1	0	1
0	0	0
0	0	0
1	0	1
1	0	1
2	0	2
0	0	0
2	0	2
0	0	0
20	37	57
5	0	5
0	0	0
5	0	5
7	0	7
0	0	0
6	0	6
0	0	0
5	0	5
5	0	5
6	0	6
3	1	4
41	41	82
48	48	96
53	40	93
3	37	40
10	77	87
0	88	88

2	61	63
7	10	17
4	5	9
7	21	28
21	15	36
5	8	13
3	3	6
0	27	27
8	0	8
18	6	24
3	5	8
2	0	2
10	0	10
0	0	0
1	0	1
2	0	2
2	0	2
6	0	6
2	7	9
3	37	40
33	67	100
42	42	84
1	2	3
0	0	0
5	2	7
8	2	10
3	10	13
8	11	19
5	12	17
3	1	4
18	2	20
2	0	2
0	3	3
1	1	2
2	3	5
0	0	0
3	0	3
0	0	0
2	0	2
1	0	1
1	0	1
3	3	6
5	0	5
3	2	5
0	7	7
0	0	0
1	12	13
7	0	7
0	0	0
7	3	10

4	5	9
6	6	12
3	0	3
8	33	41
29	0	29
9	0	9
41	0	41
36	6	42
27	11	38
6	13	19
3	0	3
8	0	8
5	0	5
4	1	5
2	3	5
2	4	6
3	0	3
0	0	0
3	3	6
5	4	9
0	0	0
0	0	0
1	1	2
2	0	2
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	3	3
5	5	10
0	0	0
8	0	8
5	0	5
0	0	0
0	0	0
7	7	14
5	5	10
0	0	0
1	0	1
0	0	0
0	0	0
7	0	7
2	0	2
0	0	0
0	0	0
0	0	0
10	0	10
0	0	0

6	1	7
0	0	0
3	0	3
0	0	0
2	4	6
10	2	12
5	0	5
0	0	0
0	0	0
5	0	5
0	0	0
1	0	1
4	0	4
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
1	0	1
4	3	7
1	0	1
1	1	2
0	0	0
3	0	3
6	3	9
2	0	2
4	0	4
3	0	3
4	0	4
10	7	17
4	0	4
5	0	5
9	4	13
12	5	17
7	24	31
1	1	2
2	2	4
53	5	58
9	2	11
19	2	21
19	9	28
22	4	26
49	1	50
12	10	22
5	10	15
0	100	100
27	58	85

4	1	5
10	2	12
10	1	11
25	30	55
5	5	10
4	2	6
9	8	17
0	86	86
2	65	67
0	98	98
0	53	53
0	96	96
7	7	14
22	4	26
17	0	17
18	8	26
6	8	14
3	7	10
8	8	16
7	5	12
7	7	14
4	2	6
3	1	4
2	1	3
6	1	7
5	5	10
4	3	7
1	5	6
9	3	12
1	3	4
6	12	18
1	1	2
4	5	9
3	3	6
4	1	5
15	4	19
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
14	5	19
9	8	17
5	10	15
1	20	21
1	52	53

1	34	35
1	3	4
1	5	6
1	14	15
2	14	16
0	2	2
8	2	10
2	32	34
0	0	0
0	0	0
1	0	1
9	3	12
5	3	8
5	0	5
5	10	15
2	1	3
2	0	2
8	7	15
4	2	6
0	100	100
20	0	20
30	0	30
70	13	83
80	0	80
1	99	100
3	94	97
18	60	78
2	95	97
18	0	18
0	100	100
0	75	75
7	18	25
0	83	83
33	15	48
17	16	33
10	8	18
12	8	20
0	100	100
30	63	93
8	3	11
4	12	16
23	12	35
1	78	79
16	4	20
1	58	59
2	2	4
4	2	6
9	4	13
12	10	22
12	44	56

10	12	22
0	80	80
22	19	41
1	7	8
1	82	83
3	9	12
5	11	16
9	2	11
8	25	33
15	5	20
10	5	15
10	5	15
12	17	29
7	33	40
35	63	98
10	7	17
6	3	9
2	63	65
13	42	55
22	22	44
23	37	60
0	0	0
25	25	50
33	47	80
14	38	52
3	8	11
27	10	37
28	35	63
16	74	90
23	77	100
7	87	94
13	50	63
23	58	81
17	28	45
10	13	23
21	23	44
44	36	80
10	7	17
6	1	7
7	1	8
11	1	12
13	4	17
7	4	11
4	5	9
6	2	8
6	1	7
4	1	5
2	1	3
32	11	43
1	1	2

1	1	2
3	3	6
9	9	18
18	7	25
5	4	9
1	5	6
3	4	7
27	58	85
12	53	65
2	95	97
25	44	69
42	23	65
22	26	48
20	12	32
4	35	39
12	33	45
17	16	33
22	8	30
27	22	49
10	1	11
8	1	9
4	1	5
5	0	5
11	2	13
5	2	7
3	3	6
2	7	9
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
1	0	1
5	3	8
3	20	23
0	100	100
5	17	22
1	1	2
9	3	12
8	4	12
20	3	23
15	5	20
0	0	0
0	0	0
0	0	0
0	2	2
0	0	0
0	0	0
0	0	0
25	28	53

0	90	90
0	73	73
2	87	89
25	47	72
30	7	37
23	17	40
42	8	50
2	0	2
0	0	0
1	0	1
7	1	8
5	0	5
5	0	5
8	0	8
3	0	3
8	0	8
3	1	4
10	5	15
3	2	5
8	0	8
6	2	8
3	0	3
8	2	10
0	0	0
50	0	50
9	1	10
12	1	13
10	6	16
10	0	10
67	33	100
0	0	0
0	17	17
0	10	10
10	2	12
2	0	2
0	0	0
0	0	0
5	0	5
5	0	5
0	0	0
5	0	5
5	0	5
10	10	20
5	0	5
5	5	10
5	0	5
5	0	5
5	0	5
5	0	5
5	0	5

80	0	80
65	0	65
15	0	15
0	20	20
5	0	5
5	10	15
0	0	0
5	0	5
50	0	50
10	20	30
40	0	40
30	0	30
0	0	0
10	0	10
30	0	30
0	0	0
30	30	60
30	0	30
0	0	0
10	0	10
45	0	45
0	0	0
0	0	0
5	0	5
5	0	5
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	1	1
3	0	3
0	0	0
0	0	0
1	1	2
0	0	0
2	0	2
0	0	0
0	0	0
1	1	2
3	0	3
3	0	3
2	0	2
0	0	0
3	3	6
0	0	0
0	0	0
7	0	7
0	0	0

7	0	7
0	0	0
7	8	15
2	7	9
0	5	5
7	5	12
2	5	7
7	17	24
2	3	5
10	7	17
8	0	8
2	0	2
2	5	7
0	0	0
2	0	2
2	0	2
0	0	0
3	0	3
0	0	0
2	0	2
8	0	8
2	2	4
0	0	0
2	0	2
2	0	2
2	0	2
5	0	5
5	0	5
3	0	3
2	0	2
20	2	22
5	0	5
3	2	5
7	0	7
2	0	2
2	0	2
20	0	20
0	0	0
2	0	2
2	0	2
2	0	2
3	0	3
1	0	1
5	2	7
7	2	9
8	22	30
10	3	13
0	0	0
3	0	3
0	0	0

3	0	3
2	0	2
0	0	0
0	0	0
10	0	10
3	0	3
0	0	0
0	3	3
0	0	0
0	0	0
2	0	2
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2	0	2
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2	0	2
3	0	3
0	0	0
0	3	3
0	0	0
0	0	0
2	0	2
3	0	3
0	0	0
0	0	0
3	0	3
17	20	37
0	83	83
3	0	3
0	0	0
35	0	35
0	0	0

0	3	3
13	0	13
12	13	25
3	0	3
10	0	10
20	0	20
8	20	28
17	4	21
5	10	15
23	8	31
12	12	24
18	20	38
10	25	35
17	10	27
12	3	15
5	5	10
4	1	5
0	0	0
0	0	0
7	7	14
5	0	5
10	2	12
25	7	32
37	18	55
25	8	33
25	17	42
33	12	45
18	32	50
19	10	29
38	12	50
8	0	8
10	1	11
0	1	1
0	0	0
17	0	17
5	2	7
0	0	0
17	0	17
8	0	8
6	0	6
11	0	11
5	7	12
7	9	16
23	26	49
1	4	5
3	3	6
5	2	7
9	20	29
4	14	18
10	4	14

3	2	5
14	20	34
21	18	39
20	17	37
0	0	0
2	0	2
0	0	0
0	3	3
0	1	1
5	0	5
6	7	13
2	0	2
1	1	2
3	2	5
4	2	6
8	11	19
6	13	19
0	12	12
2	8	10
0	3	3
0	2	2
3	0	3
8	1	9
11	3	14
2	3	5
35	2	37
6	2	8
23	0	23
18	12	30
15	8	23
10	0	10
18	2	20
5	3	8
17	0	17
5	0	5
18	0	18
17	0	17
0	100	100
24	4	28
20	2	22
28	3	31
11	27	38
12	4	16
28	23	51
39	17	56
15	1	16
15	23	38
18	6	24
38	19	57
29	39	68

4	19	23
7	6	13
3	4	7
4	0	4
16	7	23
14	0	14
6	4	10
10	57	67
12	6	18
0	2	2
0	2	2
1	84	85
2	28	30
0	100	100
17	51	68
29	10	39
17	7	24
19	15	34
4	42	46
23	11	34
3	20	23
43	20	63
14	23	37
2	1	3
11	60	71
21	48	69
9	4	13
7	4	11
0	5	5
3	7	10
3	2	5
16	9	25
1	0	1
0	1	1
33	14	47
0	4	4
2	0	2
0	1	1
0	1	1
4	3	7
3	1	4
13	4	17
10	4	14
8	5	13
10	7	17
31	48	79
8	23	31
10	9	19
11	21	32
15	15	30

15	5	20
21	2	23
6	23	29
15	7	22
5	0	5
5	0	5
25	0	25
0	0	0
40	3	43
5	17	22
5	0	5
35	0	35
5	0	5
5	2	7
42	3	45
25	5	30
3	3	6
35	2	37
10	0	10
4	0	4
32	2	34
5	0	5
43	22	65
10	0	10
7	10	17
5	0	5
0	0	0
20	20	40
0	0	0
2	0	2
5	5	10
10	85	95
5	0	5
5	0	5
15	20	35
15	0	15
5	0	5
95	5	100
20	0	20
0	5	5
10	0	10
23	67	90
5	5	10
3	0	3
40	0	40
2	0	2
47	3	50
70	5	75
20	0	20
10	0	10

5	0	5
0	0	0
3	0	3
10	0	10
0	0	0
0	5	5
0	0	0
5	0	5
3	0	3
3	0	3
60	5	65
10	0	10
0	6	6
22	0	22
33	0	33
40	60	100
0	0	0
0	0	0
0	0	0
0	0	0
1	3	4
4	1	5
25	32	57
19	19	38
26	0	26
8	0	8
5	0	5
5	0	5
5	5	10
3	0	3
50	0	50
15	4	19
35	50	85
5	0	5
0	0	0
75	5	80
5	0	5
36	0	36
20	20	40
1	18	19
0	3	3
0	50	50
0	100	100
28	24	52
10	4	14
0	100	100
9	3	12
16	39	55
4	76	80
34	0	34

57	33	90
67	33	100
74	14	88
50	3	53
33	0	33
32	0	32
0	0	0
5	0	5
1	0	1
0	0	0
0	0	0
1	0	1
1	0	1
2	0	2
0	0	0
2	0	2
0	0	0
20	37	57
5	0	5
0	0	0
5	0	5
7	0	7
0	0	0
6	0	6
0	0	0
5	0	5
5	0	5
6	0	6
3	1	4
41	41	82
48	48	96
53	40	93
3	37	40
10	77	87
0	88	88
2	61	63
7	10	17
4	5	9
7	21	28
21	15	36
5	8	13
3	3	6
0	27	27
8	0	8
18	6	24
3	5	8
2	0	2
10	0	10
0	0	0
1	0	1

2	0	2
2	0	2
6	0	6
2	7	9
3	37	40
33	67	100
42	42	84
1	2	3
0	0	0
5	2	7
8	2	10
3	10	13
8	11	19
5	12	17
3	1	4
18	2	20
2	0	2
0	3	3
1	1	2
2	3	5
0	0	0
3	0	3
0	0	0
2	0	2
1	0	1
1	0	1
3	3	6
5	0	5
3	2	5
0	7	7
0	0	0
1	12	13
7	0	7
0	0	0
7	3	10
4	5	9
6	6	12
3	0	3
8	33	41
29	0	29
9	0	9
41	0	41
36	6	42
27	11	38
6	13	19
3	0	3
8	0	8
4	1	5
2	3	5
2	4	6

3	0	3
0	0	0
3	3	6
5	4	9
0	0	0
0	0	0
1	1	2
2	0	2
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	3	3
5	5	10
0	0	0
8	0	8
5	0	5
0	0	0
0	0	0
7	7	14
5	5	10
0	0	0
1	0	1
0	0	0
0	0	0
7	0	7
2	0	2
0	0	0
0	0	0
0	0	0
10	0	10
0	0	0
6	1	7
0	0	0
3	0	3
0	0	0
2	4	6
10	2	12
5	0	5
0	0	0
0	0	0
5	0	5
0	0	0
1	0	1
4	0	4
0	0	0
0	0	0
0	0	0

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
1	0	1
4	3	7
1	0	1
1	1	2
0	0	0
3	0	3
6	3	9
2	0	2
4	0	4
3	0	3
4	0	4
10	7	17
4	0	4
5	0	5
9	4	13
12	5	17
7	24	31
1	1	2
2	2	4
53	5	58
9	2	11
19	2	21
19	9	28
22	4	26
49	1	50
12	10	22
5	10	15
0	100	100
27	58	85
4	1	5
10	2	12
10	1	11
25	30	55
5	5	10
4	2	6
9	8	17
0	86	86
2	65	67
0	98	98
0	53	53
0	96	96
7	7	14
22	4	26
17	0	17
18	8	26

6	8	14
3	7	10
8	8	16
7	5	12
7	7	14
4	2	6
3	1	4
2	1	3
6	1	7
5	5	10
4	3	7
1	5	6
9	3	12
1	3	4
6	12	18
1	1	2
4	5	9
3	3	6
4	1	5
15	4	19
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
14	5	19
9	8	17
5	10	15
1	20	21
1	52	53
1	34	35
1	3	4
1	5	6
1	14	15
2	14	16
0	2	2
8	2	10
2	32	34
0	0	0
0	0	0
1	0	1
9	3	12
5	3	8
5	0	5
5	10	15
2	1	3

2	0	2
8	7	15
4	2	6
0	100	100
20	0	20
30	0	30
70	13	83
80	0	80
1	99	100
3	94	97
18	60	78
2	95	97
18	0	18
0	100	100
0	75	75
7	18	25
0	83	83
33	15	48
17	16	33
10	8	18
12	8	20
0	100	100
30	63	93
8	3	11
4	12	16
23	12	35
1	78	79
16	4	20
2	2	4
4	2	6
9	4	13
12	10	22
12	44	56
10	12	22
0	80	80
22	19	41
1	7	8
1	82	83
3	9	12
5	11	16
9	2	11
8	25	33
15	5	20
10	5	15
10	5	15
12	17	29
7	33	40
35	63	98
10	7	17
6	3	9

2	63	65
13	42	55
22	22	44
23	37	60
0	0	0
25	25	50
33	47	80
14	38	52
3	8	11
27	10	37
28	35	63
16	74	90
23	77	100
7	87	94
13	50	63
23	58	81
17	28	45
10	13	23
21	23	44
44	36	80
10	7	17
6	1	7
7	1	8
11	1	12
13	4	17
7	4	11
4	5	9
6	2	8
6	1	7
4	1	5
2	1	3
32	11	43
1	1	2
1	1	2
3	3	6
9	9	18
18	7	25
5	4	9
1	5	6
3	4	7
27	58	85
12	53	65
2	95	97
25	44	69
42	23	65
22	26	48
20	12	32
4	35	39
12	33	45
17	16	33

22	8	30
27	22	49
10	1	11
8	1	9
4	1	5
5	0	5
11	2	13
5	2	7
3	3	6
2	7	9
0	0	0
0	0	0
0	0	0
0	0	0
1	0	1
5	3	8
3	20	23
0	100	100
5	17	22
1	1	2
9	3	12
8	4	12
20	3	23
15	5	20
0	0	0
0	0	0
0	0	0
0	2	2
0	0	0
0	0	0
0	0	0
25	28	53
0	90	90
0	73	73
2	87	89
25	47	72
30	7	37
23	17	40
42	8	50
2	0	2
0	0	0
1	0	1
7	1	8
5	0	5
5	0	5
8	0	8
3	0	3
8	0	8
3	1	4

10	5	15
3	2	5
8	0	8
6	2	8
3	0	3
8	2	10
0	0	0
50	0	50
9	1	10
12	1	13
10	6	16
10	0	10
67	33	100
0	0	0
0	17	17
0	10	10
10	2	12
2	0	2
0	0	0
0	0	0
5	0	5
5	0	5
0	0	0
5	0	5
5	0	5
10	10	20
5	0	5
5	5	10
5	0	5
5	0	5
5	0	5
5	0	5
5	0	5
5	0	5
80	0	80
65	0	65
15	0	15
0	20	20
5	0	5
5	10	15
0	0	0
5	0	5
50	0	50
10	20	30
40	0	40
30	0	30
0	0	0
10	0	10
30	0	30
0	0	0
30	30	60

30	0	30
0	0	0
10	0	10
45	0	45
0	0	0
0	0	0
5	0	5
5	0	5
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	1	1
3	0	3
0	0	0
0	0	0
1	1	2
0	0	0
2	0	2
0	0	0
0	0	0
1	1	2
3	0	3
3	0	3
2	0	2
0	0	0
3	3	6
0	0	0
0	0	0
7	0	7
0	0	0
7	0	7
0	0	0
7	8	15
2	7	9
0	5	5
7	5	12
2	5	7
7	17	24
2	3	5
10	7	17
8	0	8
2	0	2
2	5	7
0	0	0
2	0	2
2	0	2
0	0	0

2	0	2
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2	0	2
3	0	3
0	0	0
0	3	3
0	0	0
0	0	0
2	0	2
3	0	3
0	0	0
0	0	0
0	0	0
3	0	3
17	20	37
0	83	83
3	0	3
0	0	0
35	0	35
0	0	0
0	3	3
13	0	13
12	13	25
3	0	3
10	0	10
20	0	20
8	20	28
17	4	21
5	10	15
23	8	31
12	12	24
18	20	38
10	25	35
17	10	27
12	3	15
5	5	10
4	1	5

0	0	0
0	0	0
7	7	14
5	0	5
10	2	12
25	7	32
37	18	55
25	8	33
25	17	42
33	12	45
18	32	50
19	10	29
38	12	50
8	0	8
10	1	11
0	1	1
0	0	0
17	0	17
5	2	7
0	0	0
17	0	17
8	0	8
6	0	6
11	0	11
5	7	12
7	9	16
23	26	49
1	4	5
3	3	6
5	2	7
9	20	29
4	14	18
10	4	14
3	2	5
14	20	34
21	18	39
20	17	37
0	0	0
2	0	2
0	0	0
0	3	3
0	1	1
5	0	5
6	7	13
2	0	2
1	1	2
3	2	5
4	2	6
8	11	19
6	13	19

0	12	12
2	8	10
0	3	3
0	2	2
3	0	3
8	1	9
11	3	14
2	3	5
35	2	37
6	2	8
23	0	23
18	12	30
15	8	23
10	0	10
18	2	20
5	3	8
17	0	17
5	0	5
18	0	18
17	0	17
0	100	100
24	4	28
20	2	22
28	3	31
11	27	38
12	4	16
28	23	51
39	17	56
15	1	16
15	23	38
18	6	24
38	19	57
29	39	68
4	19	23
7	6	13
3	4	7
4	0	4
16	7	23
14	0	14
6	4	10
10	57	67
12	6	18
0	2	2
0	2	2
1	84	85
2	28	30
0	100	100
17	51	68
29	10	39
17	7	24

19	15	34
4	42	46
23	11	34
3	20	23
43	20	63
14	23	37
2	1	3
11	60	71
21	48	69
9	4	13
7	4	11
0	5	5
3	7	10
3	2	5
16	9	25
1	0	1
0	1	1
33	14	47
0	4	4
2	0	2
0	1	1
0	1	1
4	3	7
3	1	4
13	4	17
10	4	14
8	5	13
10	7	17
31	48	79
8	23	31
10	9	19
11	21	32
15	15	30
15	5	20
21	2	23
6	23	29
15	7	22
5	0	5
5	0	5
25	0	25
0	0	0
40	3	43
5	17	22
5	0	5
35	0	35
5	0	5
5	2	7
42	3	45
25	5	30
3	3	6

35	2	37
10	0	10
4	0	4
32	2	34
5	0	5
43	22	65
10	0	10
7	10	17
5	0	5
0	0	0
20	20	40
0	0	0
2	0	2
5	5	10
10	85	95
5	0	5
5	0	5
15	20	35
15	0	15
5	0	5
95	5	100
20	0	20
0	5	5
10	0	10
23	67	90
5	5	10
3	0	3
40	0	40
2	0	2
47	3	50
70	5	75
20	0	20
10	0	10
5	0	5
0	0	0
3	0	3
10	0	10
0	0	0
0	5	5
0	0	0
5	0	5
3	0	3
3	0	3
60	5	65
10	0	10
0	6	6
22	0	22
33	0	33
40	60	100
0	0	0

0	0	0
0	0	0
0	0	0
1	3	4
4	1	5
25	32	57
19	19	38
26	0	26
8	0	8
5	0	5
5	0	5
5	5	10
3	0	3
50	0	50
15	4	19
35	50	85
5	0	5
0	0	0
75	5	80
5	0	5
36	0	36
20	20	40
1	18	19
0	3	3
0	50	50
0	100	100
28	24	52
10	4	14
0	100	100
9	3	12
16	39	55
4	76	80
34	0	34
57	33	90
67	33	100
74	14	88
50	3	53
33	0	33
32	0	32
0	0	0
5	0	5
1	0	1
0	0	0
0	0	0
1	0	1
1	0	1
2	0	2
0	0	0
2	0	2
0	0	0

20	37	57
5	0	5
0	0	0
5	0	5
7	0	7
0	0	0
6	0	6
0	0	0
5	0	5
5	0	5
6	0	6
3	1	4
41	41	82
48	48	96
53	40	93
3	37	40
10	77	87
0	88	88
2	61	63
7	10	17
4	5	9
7	21	28
21	15	36
5	8	13
3	3	6
0	27	27
8	0	8
18	6	24
3	5	8
2	0	2
10	0	10
0	0	0
1	0	1
2	0	2
2	0	2
6	0	6
2	7	9
3	37	40
33	67	100
42	42	84
1	2	3
0	0	0
5	2	7
8	2	10
3	10	13
8	11	19
5	12	17
3	1	4
18	2	20
2	0	2

0	3	3
1	1	2
2	3	5
0	0	0
3	0	3
0	0	0
2	0	2
1	0	1
1	0	1
3	3	6
5	0	5
3	2	5
0	7	7
0	0	0
1	12	13
7	0	7
0	0	0
7	3	10
4	5	9
6	6	12
3	0	3
8	33	41
29	0	29
9	0	9
41	0	41
36	6	42
27	11	38
6	13	19
3	0	3
8	0	8
5	0	5
4	1	5
2	3	5
2	4	6
3	0	3
0	0	0
3	3	6
5	4	9
0	0	0
0	0	0
1	1	2
2	0	2
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	3	3
5	5	10

0	0	0
8	0	8
5	0	5
0	0	0
0	0	0
7	7	14
5	5	10
0	0	0
1	0	1
0	0	0
0	0	0
7	0	7
2	0	2
0	0	0
0	0	0
0	0	0
10	0	10
0	0	0
6	1	7
0	0	0
3	0	3
0	0	0
2	4	6
10	2	12
5	0	5
0	0	0
0	0	0
5	0	5
0	0	0
1	0	1
4	0	4
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
1	0	1
4	3	7
1	0	1
1	1	2
0	0	0
3	0	3
6	3	9
2	0	2
4	0	4
3	0	3
4	0	4

10	7	17
4	0	4
5	0	5
9	4	13
12	5	17
7	24	31
1	1	2
2	2	4
53	5	58
9	2	11
19	2	21
19	9	28
22	4	26
49	1	50
12	10	22
5	10	15
0	100	100
27	58	85
4	1	5
10	2	12
10	1	11
25	30	55
5	5	10
4	2	6
9	8	17
0	86	86
2	65	67
0	53	53
0	96	96
7	7	14
22	4	26
17	0	17
18	8	26
6	8	14
3	7	10
8	8	16
7	5	12
7	7	14
4	2	6
3	1	4
2	1	3
6	1	7
5	5	10
4	3	7
1	5	6
9	3	12
1	3	4
6	12	18
1	1	2
4	5	9

3	3	6
4	1	5
15	4	19
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
3	0	3
14	5	19
9	8	17
5	10	15
1	20	21
1	52	53
1	34	35
1	3	4
1	5	6
1	14	15
2	14	16
0	2	2
8	2	10
2	32	34
0	0	0
0	0	0
1	0	1
9	3	12
5	3	8
5	0	5
5	10	15
2	1	3
2	0	2
8	7	15
4	2	6
0	100	100
20	0	20
30	0	30
70	13	83
80	0	80
1	99	100
3	94	97
18	60	78
2	95	97
18	0	18
0	100	100
0	75	75
7	18	25
0	83	83

33	15	48
17	16	33
10	8	18
12	8	20
0	100	100
30	63	93
8	3	11
4	12	16
23	12	35
1	78	79
16	4	20
2	2	4
4	2	6
9	4	13
12	10	22
12	44	56
10	12	22
0	80	80
22	19	41
1	7	8
1	82	83
3	9	12
5	11	16
9	2	11
8	25	33
15	5	20
10	5	15
10	5	15
12	17	29
7	33	40
35	63	98
10	7	17
6	3	9
2	63	65
13	42	55
22	22	44
23	37	60
0	0	0
25	25	50
33	47	80
14	38	52
3	8	11
27	10	37
28	35	63
16	74	90
23	77	100
7	87	94
13	50	63
23	58	81

17	28	45
10	13	23
21	23	44
44	36	80
10	7	17
6	1	7
7	1	8
11	1	12
13	4	17
7	4	11
4	5	9
6	2	8
6	1	7
4	1	5
2	1	3
32	11	43
1	1	2
1	1	2
3	3	6
9	9	18
18	7	25
5	4	9
1	5	6
3	4	7
27	58	85
12	53	65
2	95	97
25	44	69
42	23	65
22	26	48
20	12	32
4	35	39
12	33	45
17	16	33
22	8	30
27	22	49
10	1	11
8	1	9
4	1	5
5	0	5
11	2	13
5	2	7
3	3	6
2	7	9
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
1	0	1

5	3	8
3	20	23
0	100	100
5	17	22
1	1	2
9	3	12
8	4	12
20	3	23
15	5	20
0	0	0
0	0	0
0	0	0
0	2	2
0	0	0
0	0	0
0	0	0
25	28	53
0	90	90
0	73	73
2	87	89
25	47	72
30	7	37
23	17	40
42	8	50
2	0	2
0	0	0
1	0	1
7	1	8
5	0	5
5	0	5
8	0	8
3	0	3
8	0	8
3	1	4
10	5	15
3	2	5
8	0	8
6	2	8
3	0	3
8	2	10
0	0	0
50	0	50
9	1	10
12	1	13
10	6	16
10	0	10
67	33	100
0	0	0
0	17	17
0	10	10

10	2	12
2	0	2
0	0	0
0	0	0
5	0	5
5	0	5
0	0	0
5	0	5
5	0	5
10	10	20
5	0	5
5	5	10
5	0	5
5	0	5
5	0	5
5	0	5
5	0	5
80	0	80
65	0	65
15	0	15
0	20	20
5	0	5
5	10	15
0	0	0
5	0	5
50	0	50
10	20	30
40	0	40
30	0	30
0	0	0
10	0	10
30	0	30
0	0	0
30	30	60
30	0	30
0	0	0
10	0	10
45	0	45
0	0	0
0	0	0
5	0	5
5	0	5
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	1	1
3	0	3

0	0	0
0	0	0
1	1	2
0	0	0
2	0	2
0	0	0
0	0	0
1	1	2
3	0	3
3	0	3
2	0	2
0	0	0
3	3	6
0	0	0
0	0	0
7	0	7
0	0	0
7	0	7
0	0	0
7	8	15
2	7	9
0	5	5
7	5	12
2	5	7
7	17	24
2	3	5
10	7	17
8	0	8
2	0	2
2	5	7
0	0	0
2	0	2
2	0	2
0	0	0
3	0	3
0	0	0
2	0	2
8	0	8
2	2	4
0	0	0
2	0	2
2	0	2
2	0	2
5	0	5
5	0	5
3	0	3
2	0	2
20	2	22
5	0	5
3	2	5

7	0	7
2	0	2
2	0	2
20	0	20
0	0	0
2	0	2
2	0	2
2	0	2
3	0	3
1	0	1
5	2	7
7	2	9
8	22	30
10	3	13
0	0	0
3	0	3
0	0	0
3	0	3
2	0	2
0	0	0
0	0	0
10	0	10
3	0	3
0	0	0
0	3	3
0	0	0
0	0	0
2	0	2
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2	0	2
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2	0	2

3	0	3
0	0	0
0	3	3
0	0	0
0	0	0
2	0	2
3	0	3
0	0	0
0	0	0
0	0	0
3	0	3
17	20	37
0	83	83
3	0	3
0	0	0
35	0	35
0	0	0
0	3	3
13	0	13
12	13	25
3	0	3
10	0	10
20	0	20
8	20	28
17	4	21
5	10	15
23	8	31
12	12	24
18	20	38
10	25	35
17	10	27
12	3	15
5	5	10
4	1	5
0	0	0
0	0	0
7	7	14
5	0	5
10	2	12
25	7	32
37	18	55
25	8	33
25	17	42
33	12	45
18	32	50
19	10	29
38	12	50
8	0	8
10	1	11
0	1	1

0	0	0
17	0	17
5	2	7

SiteID	Season	% fine sediment (PSI(fam) (2dp)	E-PSI(fam) (2dp)	
223	Autumn	18	80.95	91.70
385	Autumn	2	76.74	91.40
403	Autumn	19	68.42	84.77
709	Autumn	18	45.00	72.48
907	Autumn	57	66.07	78.08
1003	Autumn	13	71.43	85.59
1403	Autumn	71	41.46	60.77
1407	Autumn	13	34.48	54.44
1603	Autumn	47	54.10	70.20
1705	Autumn	17	88.37	94.93
2111	Autumn	100	22.03	43.01
2719	Autumn	0	60.71	88.12
2801	Autumn	0	91.84	98.00
3005	Autumn	5	61.76	82.78
3141	Autumn	88	71.43	90.75
3150	Autumn	9	84.62	96.43
3153	Autumn	13	78.79	93.82
3160	Autumn	27	78.13	93.11
3166	Autumn	8	81.40	91.56
3315	Autumn	100	10.53	19.11
3397	Autumn	20	44.29	69.67
3401	Autumn	2	85.00	99.92
3513	Autumn	5	72.41	90.47
3781	Autumn	3	90.48	100.00
4109	Autumn	14	67.86	88.93
4311	Autumn	7	62.50	91.15
4909	Autumn	1	67.24	90.67
4995	Autumn	5	39.73	65.83
5001	Autumn	13	72.31	88.59
5009	Autumn	4	52.94	75.59
5109	Autumn	26	56.90	74.26
5503	Autumn	14	52.27	68.81
5605	Autumn	16	68.97	75.91
5609	Autumn	14	48.98	70.09
6009	Autumn	100	26.32	40.31
6242	Autumn	100	22.73	40.72
6381	Autumn	93	73.33	86.54
6701	Autumn	13	71.43	81.90
6840	Autumn	22	69.23	77.86
6844	Autumn	41	65.52	79.48
6858	Autumn	20	48.65	65.13
6985	Autumn	44	38.16	55.14
7001	Autumn	0	96.15	99.11

	7113 Autumn	11	58.23	75.55
	7122 Autumn	90	43.40	59.59
	7153 Autumn	45	52.94	65.26
	7511 Autumn	7	94.44	100.00
	8421 Autumn	65	50.00	64.09
	8425 Autumn	48	53.33	68.44
	8429 Autumn	32	49.15	70.86
	9105 Autumn	8	59.38	66.37
	9113 Autumn	100	5.77	15.07
	9121 Autumn	22	54.55	68.07
	9205 Autumn	2	88.57	99.22
	20100701 Autumn	22	77.50	91.96
	20301101 Autumn	5	56.10	81.51
	20301801 Autumn	2	58.97	86.31
	20302901 Autumn	15	65.79	84.80
	20400003 Autumn	20	80.65	96.61
	20400901 Autumn	3	79.31	92.56
	20600901 Autumn	3	77.14	92.83
NE05	Autumn	13	89.80	99.46
NE06	Autumn	16	73.47	92.47
NH02	Autumn	100	65.38	84.08
NH04	Autumn	17	56.10	80.24
NI_10	Autumn	5	72.50	91.28
NI_16	Autumn	5	89.80	99.98
NI_27	Autumn	15	66.67	83.41
NI_32	Autumn	30	73.68	86.38
NI_6	Autumn	0	86.05	97.11
SEPA_N01	Autumn	2	40.91	61.48
SEPA_N10	Autumn	0	87.50	99.91
SEPA_N15	Autumn	7	76.09	88.26
SEPA_N24	Autumn	2	66.00	92.55
SEPA_N31	Autumn	0	82.76	96.74
SEPA_N35	Autumn	5	82.76	93.48
SEPA_N55	Autumn	9	70.83	91.72
SEPA_N65	Autumn	0	88.89	100.00
SEPA_W17	Autumn	0	91.30	100.00
SEPA_W35	Autumn	0	89.66	96.96
ST06	Autumn	10	72.73	86.58
SW04	Autumn	15	50.00	71.87
TA05	Autumn	0	89.80	99.98
TH04	Autumn	42	51.39	66.93

E-PSI (fam69) (2dp)	LIFE(fam) (2dp)	PSI(mixed) (2dp)	E-PSI(mixed) (2dp)	CoFSI(mixed)
89.63	7.43	92.98	96.77	5.287
90.76	7.73	91.84	99.55	5.228
85.32	7.38	70.31	89.07	4.976
65.13	6.74	42.86	67.49	4.239
74.92	7.33	71.01	79.39	4.592
79.51	7.35	78.33	88.41	4.718
52.2	6.68	44.68	57.94	4.355
41.94	6.16	33.77	50.82	4.570
67.63	6.63	53.76	66.17	4.492
95.18	7.68	86.27	97.52	5.179
29.82	5.73	16.90	30.74	4.124
92.63	6.94	65.79	92.08	5.141
97.69	8.05	95.38	98.95	5.213
83.04	7.07	66.67	90.76	5.175
79.64	6.73	83.33	89.40	5.167
94.03	7.71	90.24	94.97	5.061
91.81	7.39	88.89	97.91	5.484
90.76	7.56	85.00	90.26	5.436
89.96	7.75	81.63	93.70	4.975
11.44	6.17	14.58	22.01	4.073
70.34	6.97	47.31	73.40	4.902
99.89	7.64	89.29	100.00	5.811
92.69	7.41	75.00	92.90	5.226
100	7.75	80.77	97.12	5.919
87.05	7.40	68.06	91.48	5.083
89.85	7.04	63.83	85.02	5.119
91.73	7.41	76.12	93.74	5.129
70.41	6.30	39.58	69.64	4.745
87.21	7.78	84.42	90.40	5.324
71.44	6.96	56.45	74.00	4.437
71.11	7.06	59.42	74.09	4.468
65.53	7.00	52.83	69.60	4.341
72.32	7.64	76.19	85.60	4.742
70.15	6.96	47.17	69.24	4.355
34.05	6.24	22.22	33.13	3.853
23.98	6.14	16.67	31.25	3.803
78.54	7.40	68.97	83.47	4.509
77.07	7.63	77.08	84.30	4.696
76.39	7.58	71.43	76.52	4.516
55.35	7.08	72.41	80.08	4.171
58.99	7.00	42.86	60.39	4.311
48.85	6.43	37.63	53.02	3.957
97.72	7.86	96.77	99.29	5.912

71.14	7.06	62.24	75.47	4.431
44.58	6.76	31.67	47.41	4.219
39.66	6.56	53.13	61.73	4.274
100	8.33	100.00	100.00	6.050
58.23	6.97	60.81	71.16	4.240
66.59	7.00	50.94	70.18	4.376
63.08	6.90	55.29	75.81	4.342
54.53	7.33	57.58	69.67	4.473
13.31	4.63	1.45	2.55	3.341
54.77	7.00	47.17	60.51	4.193
97.82	8.07	97.87	99.45	5.551
89.82	7.67	80.00	94.05	4.929
75.53	7.00	56.82	84.53	4.781
86.98	7.19	63.27	90.08	5.088
83.4	7.10	66.04	83.49	4.698
95.54	7.67	88.89	94.38	5.691
93.2	7.67	89.74	93.42	5.581
91.85	7.61	92.86	97.23	5.487
98.86	8.20	93.94	96.16	5.633
93.07	7.58	82.14	93.02	5.411
81.53	6.83	67.74	87.13	4.697
75.45	7.11	56.10	78.71	4.469
90.69	7.53	83.67	95.81	5.222
100	8.00	96.97	100.00	5.700
82.18	7.14	77.78	89.02	4.829
84.96	7.81	72.97	87.96	4.855
95.21	7.52	93.44	98.07	5.374
52.92	6.40	42.11	63.17	4.377
99.83	7.10	82.35	94.77	5.655
87.59	7.68	81.36	92.95	5.392
90.5	7.28	79.45	94.48	5.340
96.21	7.92	88.57	96.95	5.946
91.95	7.50	91.43	95.01	5.916
92.47	7.40	70.31	92.97	5.199
100	8.50	100.00	100.00	6.109
100	7.85	96.15	96.84	6.187
96.68	7.81	92.86	95.80	5.757
85.64	7.72	72.34	86.30	4.916
67.38	6.82	55.84	73.52	4.869
100	8.39	95.65	100.00	5.908
59.81	6.74	49.48	62.71	4.568

LIFE(mixed) (2d WHPT ASPT(fam))

8.81	6.08
8.50	7.01
8.04	6.50
6.96	5.31
8.50	5.84
8.15	5.91
7.13	4.88
6.97	4.46
7.44	6.02
8.41	6.10
5.96	4.05
7.94	5.46
8.93	7.62
8.69	5.47
9.38	6.27
8.72	6.81
8.32	6.89
8.32	6.73
8.50	6.67
6.53	4.26
7.46	5.38
8.64	7.19
8.24	6.21
8.31	7.69
8.23	6.16
7.64	6.81
8.27	6.40
7.50	4.61
8.87	7.09
7.41	5.78
7.47	5.90
7.63	4.73
8.40	6.37
7.64	5.61
6.52	4.53
6.50	4.18
8.08	6.01
8.46	6.79
8.53	6.44
8.56	5.88
7.39	5.52
7.25	4.86
8.73	7.81

7.87	5.89
6.90	5.01
7.80	4.98
9.29	8.09
7.66	5.55
7.52	5.19
7.45	5.26
7.80	4.62
4.95	3.16
7.32	4.81
8.90	7.62
8.48	5.98
7.67	5.56
7.75	5.74
7.96	5.72
8.53	6.64
8.20	6.59
8.32	6.75
9.16	7.46
8.46	6.61
7.81	6.09
7.75	5.60
8.55	6.12
8.89	7.85
7.60	5.15
8.31	5.52
8.46	6.88
6.88	4.34
8.33	6.49
8.95	6.97
8.31	6.82
9.00	7.08
8.92	6.91
7.76	6.67
9.00	9.38
8.71	7.74
8.79	7.63
8.54	6.69
7.77	5.65
9.46	8.05
7.41	5.55

Train (2) Test (1) Unused (0) SITE SEASON
1 1003 Autumn
1 1403 Autumn
1 1407 Autumn
1 1603 Autumn
1 1705 Autumn
1 20100701 Autumn
1 20301101 Autumn
1 20301801 Autumn
1 20302901 Autumn
1 20400003 Autumn
1 20400901 Autumn
1 20600901 Autumn
1 2111 Autumn
1 223 Autumn
1 2719 Autumn
1 2801 Autumn
1 3005 Autumn
1 3141 Autumn
1 3150 Autumn
1 3153 Autumn
1 3160 Autumn
1 3166 Autumn
1 3315 Autumn
1 3397 Autumn
1 3401 Autumn
1 3513 Autumn
1 3781 Autumn
1 385 Autumn
1 403 Autumn
1 4109 Autumn
1 4311 Autumn
1 4909 Autumn
1 4995 Autumn
1 5001 Autumn
1 5009 Autumn
1 5109 Autumn
1 5503 Autumn
1 5605 Autumn
1 5609 Autumn
1 6009 Autumn
1 6242 Autumn
1 6381 Autumn
1 6701 Autumn

1 6840 Autumn
1 6844 Autumn
1 6858 Autumn
1 6985 Autumn
1 7001 Autumn
1 709 Autumn
1 7113 Autumn
1 7122 Autumn
1 7153 Autumn
1 7511 Autumn
1 8421 Autumn
1 8425 Autumn
1 8429 Autumn
1 907 Autumn
1 9105 Autumn
1 9113 Autumn
1 9121 Autumn
1 9205 Autumn
1 NE05 Autumn
1 NE06 Autumn
1 NH02 Autumn
1 NH04 Autumn
1 NI_10 Autumn
1 NI_16 Autumn
1 NI_27 Autumn
1 NI_32 Autumn
1 NI_6 Autumn
1 SEPA_N01 Autumn
1 SEPA_N10 Autumn
1 SEPA_N15 Autumn
1 SEPA_N24 Autumn
1 SEPA_N31 Autumn
1 SEPA_N35 Autumn
1 SEPA_N55 Autumn
1 SEPA_N65 Autumn
1 SEPA_W17 Autumn
1 SEPA_W35 Autumn
1 ST06 Autumn
1 SW04 Autumn
1 TA05 Autumn
1 TH04 Autumn
0 1003 Spring
0 1403 Spring
0 1407 Spring

0 1603 Spring
0 1705 Spring
0 20100701 Spring
0 20301101 Spring
0 20301801 Spring
0 20302901 Spring
0 20400003 Spring
0 20400901 Spring
0 20600901 Spring
0 2111 Spring
0 223 Spring
0 2719 Spring
0 2801 Spring
0 3005 Spring
0 3141 Spring
0 3150 Spring
0 3153 Spring
0 3160 Spring
0 3166 Spring
0 3315 Spring
0 3397 Spring
0 3401 Spring
0 3513 Spring
0 3781 Spring
0 385 Spring
0 403 Spring
0 4109 Spring
0 4311 Spring
0 4909 Spring
0 4995 Spring
0 5001 Spring
0 5009 Spring
0 5109 Spring
0 5503 Spring
0 5605 Spring
0 5609 Spring
0 6009 Spring
0 6242 Spring
0 6381 Spring
0 6701 Spring
0 6840 Spring
0 6844 Spring
0 6858 Spring
0 6985 Spring

0 7001 Spring
0 709 Spring
0 7113 Spring
0 7122 Spring
0 7153 Spring
0 7511 Spring
0 8421 Spring
0 8425 Spring
0 8429 Spring
0 907 Spring
0 9105 Spring
0 9113 Spring
0 9121 Spring
0 9205 Spring
0 NE05 Spring
0 NE06 Spring
0 NH02 Spring
0 NH04 Spring
0 NI_10 Spring
0 NI_16 Spring
0 NI_27 Spring
0 NI_32 Spring
0 NI_6 Spring
0 SEPA_N01 Spring
0 SEPA_N10 Spring
0 SEPA_N15 Spring
0 SEPA_N24 Spring
0 SEPA_N31 Spring
0 SEPA_N35 Spring
0 SEPA_N55 Spring
0 SEPA_N65 Spring
0 SEPA_W17 Spring
0 SEPA_W35 Spring
0 ST06 Spring
0 SW04 Spring
0 TA05 Spring
0 TH04 Spring
0 1003 Summer
0 1403 Summer
0 1407 Summer
0 1603 Summer
0 1705 Summer
0 20100701 Summer
0 20301101 Summer

0 20301801 Summer
0 20302901 Summer
0 20400003 Summer
0 20400901 Summer
0 20600901 Summer
0 2111 Summer
0 223 Summer
0 2719 Summer
0 2801 Summer
0 3005 Summer
0 3141 Summer
0 3150 Summer
0 3153 Summer
0 3160 Summer
0 3166 Summer
0 3315 Summer
0 3397 Summer
0 3401 Summer
0 3513 Summer
0 3781 Summer
0 385 Summer
0 403 Summer
0 4109 Summer
0 4311 Summer
0 4909 Summer
0 4995 Summer
0 5001 Summer
0 5009 Summer
0 5109 Summer
0 5503 Summer
0 5605 Summer
0 5609 Summer
0 6009 Summer
0 6242 Summer
0 6381 Summer
0 6701 Summer
0 6840 Summer
0 6844 Summer
0 6858 Summer
0 6985 Summer
0 7001 Summer
0 709 Summer
0 7113 Summer
0 7122 Summer

0 7153 Summer
0 7511 Summer
0 8421 Summer
0 8425 Summer
0 8429 Summer
0 907 Summer
0 9105 Summer
0 9113 Summer
0 9121 Summer
0 9205 Summer
0 NE05 Summer
0 NE06 Summer
0 NH02 Summer
0 NH04 Summer
0 NI_10 Summer
0 NI_16 Summer
0 NI_27 Summer
0 NI_32 Summer
0 NI_6 Summer
0 SEPA_N01 Summer
0 SEPA_N10 Summer
0 SEPA_N15 Summer
0 SEPA_N24 Summer
0 SEPA_N31 Summer
0 SEPA_N35 Summer
0 SEPA_N55 Summer
0 SEPA_N65 Summer
0 SEPA_W17 Summer
0 SEPA_W35 Summer
0 ST06 Summer
0 SW04 Summer
0 TA05 Summer
0 TH04 Summer
2 1001 Autumn
2 1005 Autumn
2 1007 Autumn
2 1009 Autumn
2 101 Autumn
2 1011 Autumn
2 1013 Autumn
2 103 Autumn
2 105 Autumn
2 107 Autumn
2 1081 Autumn

2 1083 Autumn
2 1101 Autumn
2 1105 Autumn
2 1109 Autumn
2 1111 Autumn
2 1113 Autumn
2 1201 Autumn
2 1203 Autumn
2 1207 Autumn
2 1209 Autumn
2 1301 Autumn
2 1303 Autumn
2 1305 Autumn
2 1307 Autumn
2 1309 Autumn
2 1311 Autumn
2 1405 Autumn
2 1409 Autumn
2 1411 Autumn
2 1413 Autumn
2 1501 Autumn
2 1503 Autumn
2 1505 Autumn
2 1601 Autumn
2 1605 Autumn
2 1607 Autumn
2 1609 Autumn
2 1611 Autumn
2 1701 Autumn
2 1703 Autumn
2 1707 Autumn
2 1709 Autumn
2 1807 Autumn
2 1809 Autumn
2 181 Autumn
2 185 Autumn
2 1901 Autumn
2 1903 Autumn
2 1907 Autumn
2 1909 Autumn
2 2001 Autumn
2 2003 Autumn
2 2005 Autumn
2 2007 Autumn

2 2009 Autumn
2 201 Autumn
2 20100001 Autumn
2 20100003 Autumn
2 20100601 Autumn
2 20100603 Autumn
2 20100703 Autumn
2 20100801 Autumn
2 20100901 Autumn
2 20101001 Autumn
2 20101101 Autumn
2 20101201 Autumn
2 20101203 Autumn
2 20101301 Autumn
2 20200001 Autumn
2 20200501 Autumn
2 20201001 Autumn
2 20201101 Autumn
2 203 Autumn
2 20300001 Autumn
2 20300003 Autumn
2 20300601 Autumn
2 20301401 Autumn
2 20301601 Autumn
2 20301603 Autumn
2 20301901 Autumn
2 20302101 Autumn
2 20302201 Autumn
2 20302301 Autumn
2 20302701 Autumn
2 20302903 Autumn
2 20302905 Autumn
2 20303001 Autumn
2 20303101 Autumn
2 20303401 Autumn
2 20303403 Autumn
2 20303405 Autumn
2 20303801 Autumn
2 20304101 Autumn
2 20304201 Autumn
2 20304501 Autumn
2 20400001 Autumn
2 20400201 Autumn
2 20400301 Autumn

2 20400701 Autumn
2 205 Autumn
2 20500001 Autumn
2 20500101 Autumn
2 20500501 Autumn
2 20501301 Autumn
2 20600001 Autumn
2 20600501 Autumn
2 20601301 Autumn
2 20601701 Autumn
2 207 Autumn
2 2103 Autumn
2 2107 Autumn
2 2109 Autumn
2 2201 Autumn
2 2203 Autumn
2 2205 Autumn
2 2207 Autumn
2 2209 Autumn
2 221 Autumn
2 2211 Autumn
2 225 Autumn
2 227 Autumn
2 229 Autumn
2 2301 Autumn
2 2303 Autumn
2 2305 Autumn
2 2307 Autumn
2 231 Autumn
2 233 Autumn
2 23501101 Autumn
2 23600201 Autumn
2 23600301 Autumn
2 23600401 Autumn
2 23600501 Autumn
2 23600601 Autumn
2 23600701 Autumn
2 23600703 Autumn
2 23600801 Autumn
2 23600901 Autumn
2 23601201 Autumn
2 23601401 Autumn
2 23601501 Autumn
2 2401 Autumn

2 2403 Autumn
2 2405 Autumn
2 2409 Autumn
2 2505 Autumn
2 2507 Autumn
2 2509 Autumn
2 2513 Autumn
2 2521 Autumn
2 2523 Autumn
2 2601 Autumn
2 2605 Autumn
2 2607 Autumn
2 2609 Autumn
2 2611 Autumn
2 2619 Autumn
2 2621 Autumn
2 2703 Autumn
2 2705 Autumn
2 2707 Autumn
2 2709 Autumn
2 2711 Autumn
2 2713 Autumn
2 2715 Autumn
2 2717 Autumn
2 2721 Autumn
2 2815 Autumn
2 2901 Autumn
2 2903 Autumn
2 2905 Autumn
2 2907 Autumn
2 2909 Autumn
2 2911 Autumn
2 3001 Autumn
2 3003 Autumn
2 3007 Autumn
2 301 Autumn
2 303 Autumn
2 305 Autumn
2 307 Autumn
2 309 Autumn
2 3101 Autumn
2 3103 Autumn
2 3105 Autumn
2 3107 Autumn

2 3109 Autumn
2 311 Autumn
2 3111 Autumn
2 313 Autumn
2 3144 Autumn
2 3145 Autumn
2 3151 Autumn
2 3152 Autumn
2 3157 Autumn
2 3162 Autumn
2 3163 Autumn
2 3205 Autumn
2 3207 Autumn
2 3301 Autumn
2 3303 Autumn
2 3305 Autumn
2 3307 Autumn
2 3309 Autumn
2 3311 Autumn
2 3313 Autumn
2 3317 Autumn
2 3372 Autumn
2 3376 Autumn
2 3381 Autumn
2 3385 Autumn
2 3389 Autumn
2 3391 Autumn
2 3393 Autumn
2 3395 Autumn
2 3403 Autumn
2 3405 Autumn
2 3407 Autumn
2 3409 Autumn
2 3413 Autumn
2 3501 Autumn
2 3503 Autumn
2 3505 Autumn
2 3507 Autumn
2 3509 Autumn
2 3511 Autumn
2 3515 Autumn
2 3581 Autumn
2 3601 Autumn
2 3603 Autumn

2 3605 Autumn
2 3607 Autumn
2 3609 Autumn
2 3701 Autumn
2 3703 Autumn
2 3704 Autumn
2 3705 Autumn
2 3709 Autumn
2 3711 Autumn
2 3713 Autumn
2 3715 Autumn
2 3717 Autumn
2 3783 Autumn
2 3785 Autumn
2 3791 Autumn
2 3801 Autumn
2 3803 Autumn
2 3805 Autumn
2 3807 Autumn
2 3809 Autumn
2 381 Autumn
2 389 Autumn
2 3903 Autumn
2 3905 Autumn
2 3907 Autumn
2 3909 Autumn
2 3911 Autumn
2 3913 Autumn
2 3915 Autumn
2 393 Autumn
2 4001 Autumn
2 4003 Autumn
2 4005 Autumn
2 4009 Autumn
2 401 Autumn
2 4011 Autumn
2 4013 Autumn
2 4017 Autumn
2 405 Autumn
2 407 Autumn
2 409 Autumn
2 4101 Autumn
2 4103 Autumn
2 4105 Autumn

2 4107 Autumn
2 411 Autumn
2 4111 Autumn
2 4201 Autumn
2 4203 Autumn
2 4205 Autumn
2 4207 Autumn
2 4209 Autumn
2 4211 Autumn
2 4301 Autumn
2 4303 Autumn
2 4305 Autumn
2 4307 Autumn
2 4309 Autumn
2 4313 Autumn
2 4381 Autumn
2 4401 Autumn
2 4403 Autumn
2 4405 Autumn
2 4407 Autumn
2 4409 Autumn
2 4601 Autumn
2 4701 Autumn
2 4703 Autumn
2 4705 Autumn
2 4707 Autumn
2 4801 Autumn
2 4803 Autumn
2 4805 Autumn
2 4807 Autumn
2 4881 Autumn
2 4885 Autumn
2 4901 Autumn
2 4903 Autumn
2 4905 Autumn
2 4907 Autumn
2 4911 Autumn
2 4913 Autumn
2 4915 Autumn
2 4917 Autumn
2 4971 Autumn
2 4975 Autumn
2 4979 Autumn
2 4983 Autumn

2 4987 Autumn
2 4991 Autumn
2 5003 Autumn
2 5005 Autumn
2 5007 Autumn
2 501 Autumn
2 503 Autumn
2 505 Autumn
2 5101 Autumn
2 5103 Autumn
2 5105 Autumn
2 5107 Autumn
2 5183 Autumn
2 5201 Autumn
2 5203 Autumn
2 5207 Autumn
2 5301 Autumn
2 5303 Autumn
2 5305 Autumn
2 5307 Autumn
2 5309 Autumn
2 5381 Autumn
2 5383 Autumn
2 5385 Autumn
2 5401 Autumn
2 5403 Autumn
2 5405 Autumn
2 5407 Autumn
2 5501 Autumn
2 5505 Autumn
2 5507 Autumn
2 5509 Autumn
2 5601 Autumn
2 5603 Autumn
2 5607 Autumn
2 5613 Autumn
2 5615 Autumn
2 5617 Autumn
2 5619 Autumn
2 5621 Autumn
2 5623 Autumn
2 5671 Autumn
2 5673 Autumn
2 5675 Autumn

2 5677 Autumn
2 5681 Autumn
2 5691 Autumn
2 5693 Autumn
2 5695 Autumn
2 5697 Autumn
2 5701 Autumn
2 5703 Autumn
2 5705 Autumn
2 5707 Autumn
2 5709 Autumn
2 5711 Autumn
2 5713 Autumn
2 5715 Autumn
2 5717 Autumn
2 5801 Autumn
2 5803 Autumn
2 5805 Autumn
2 5841 Autumn
2 5844 Autumn
2 5845 Autumn
2 5848 Autumn
2 5850 Autumn
2 5851 Autumn
2 5852 Autumn
2 5854 Autumn
2 5855 Autumn
2 5856 Autumn
2 5861 Autumn
2 5864 Autumn
2 5881 Autumn
2 5887 Autumn
2 5891 Autumn
2 5895 Autumn
2 5901 Autumn
2 5903 Autumn
2 5905 Autumn
2 6001 Autumn
2 6005 Autumn
2 601 Autumn
2 603 Autumn
2 605 Autumn
2 607 Autumn
2 609 Autumn

2 610 Autumn
2 6101 Autumn
2 6103 Autumn
2 6105 Autumn
2 6107 Autumn
2 6109 Autumn
2 6111 Autumn
2 613 Autumn
2 6201 Autumn
2 6213 Autumn
2 6215 Autumn
2 6258 Autumn
2 6259 Autumn
2 6261 Autumn
2 6264 Autumn
2 6265 Autumn
2 6285 Autumn
2 6289 Autumn
2 6293 Autumn
2 6405 Autumn
2 6409 Autumn
2 6413 Autumn
2 6417 Autumn
2 6501 Autumn
2 6615 Autumn
2 6691 Autumn
2 6693 Autumn
2 6801 Autumn
2 6811 Autumn
2 6841 Autumn
2 6845 Autumn
2 6847 Autumn
2 6848 Autumn
2 6849 Autumn
2 6856 Autumn
2 6857 Autumn
2 6862 Autumn
2 6863 Autumn
2 6911 Autumn
2 6913 Autumn
2 6915 Autumn
2 6917 Autumn
2 6919 Autumn
2 6921 Autumn

2 6981 Autumn
2 6993 Autumn
2 7 Autumn
2 701 Autumn
2 703 Autumn
2 705 Autumn
2 707 Autumn
2 7104 Autumn
2 7107 Autumn
2 711 Autumn
2 7110 Autumn
2 7116 Autumn
2 7119 Autumn
2 7127 Autumn
2 713 Autumn
2 7143 Autumn
2 7145 Autumn
2 7149 Autumn
2 7189 Autumn
2 7192 Autumn
2 7195 Autumn
2 7205 Autumn
2 7217 Autumn
2 7305 Autumn
2 7311 Autumn
2 7405 Autumn
2 7413 Autumn
2 7417 Autumn
2 7505 Autumn
2 7605 Autumn
2 7611 Autumn
2 7705 Autumn
2 771 Autumn
2 773 Autumn
2 775 Autumn
2 781 Autumn
2 801 Autumn
2 803 Autumn
2 805 Autumn
2 8205 Autumn
2 8209 Autumn
2 8213 Autumn
2 8217 Autumn
2 8221 Autumn

2 8281 Autumn
2 8285 Autumn
2 8289 Autumn
2 8305 Autumn
2 8309 Autumn
2 8313 Autumn
2 8317 Autumn
2 8505 Autumn
2 8509 Autumn
2 8513 Autumn
2 8517 Autumn
2 8521 Autumn
2 8605 Autumn
2 8609 Autumn
2 8613 Autumn
2 8705 Autumn
2 8709 Autumn
2 8713 Autumn
2 8805 Autumn
2 8809 Autumn
2 8905 Autumn
2 8909 Autumn
2 8913 Autumn
2 8921 Autumn
2 8925 Autumn
2 9009 Autumn
2 901 Autumn
2 903 Autumn
2 905 Autumn
2 909 Autumn
2 9109 Autumn
2 9481 Autumn
2 9485 Autumn
2 9581 Autumn
2 9585 Autumn
2 9603 Autumn
2 9607 Autumn
2 9611 Autumn
2 9615 Autumn
2 9703 Autumn
2 9711 Autumn
2 9903 Autumn
2 AN02 Autumn
2 AN03 Autumn

2 AN04 Autumn
2 AN05 Autumn
2 AN06 Autumn
2 AN07 Autumn
2 AN08 Autumn
2 AN09 Autumn
2 CL02 Autumn
2 CL04 Autumn
2 CL05 Autumn
2 FO01 Autumn
2 FO02 Autumn
2 FO03 Autumn
2 HI01 Autumn
2 HI02 Autumn
2 HI03 Autumn
2 HI04 Autumn
2 HI05 Autumn
2 HI06 Autumn
2 HI07 Autumn
2 HI08 Autumn
2 HI09 Autumn
2 HI10 Autumn
2 NE01 Autumn
2 NE02 Autumn
2 NE03 Autumn
2 NH01 Autumn
2 NH03 Autumn
2 NH05 Autumn
2 NH06 Autumn
2 NH07 Autumn
2 NH09 Autumn
2 NI_1 Autumn
2 NI_11 Autumn
2 NI_12 Autumn
2 NI_13 Autumn
2 NI_14 Autumn
2 NI_15 Autumn
2 NI_17 Autumn
2 NI_18 Autumn
2 NI_19 Autumn
2 NI_2 Autumn
2 NI_20 Autumn
2 NI_21 Autumn
2 NI_22 Autumn

2 NI_23 Autumn
2 NI_24 Autumn
2 NI_25 Autumn
2 NI_26 Autumn
2 NI_28 Autumn
2 NI_29 Autumn
2 NI_3 Autumn
2 NI_30 Autumn
2 NI_31 Autumn
2 NI_33 Autumn
2 NI_34 Autumn
2 NI_35 Autumn
2 NI_36 Autumn
2 NI_37 Autumn
2 NI_38 Autumn
2 NI_39 Autumn
2 NI_4 Autumn
2 NI_40 Autumn
2 NI_5 Autumn
2 NI_7 Autumn
2 NI_8 Autumn
2 NI_9 Autumn
2 NW01 Autumn
2 NW02 Autumn
2 NW03 Autumn
2 NW04 Autumn
2 NW05 Autumn
2 NW06 Autumn
2 NW07 Autumn
2 SEPA_E01 Autumn
2 SEPA_E02 Autumn
2 SEPA_E03 Autumn
2 SEPA_E04 Autumn
2 SEPA_E05 Autumn
2 SEPA_E06 Autumn
2 SEPA_E07 Autumn
2 SEPA_E08 Autumn
2 SEPA_E09 Autumn
2 SEPA_E10 Autumn
2 SEPA_N03 Autumn
2 SEPA_N04 Autumn
2 SEPA_N05 Autumn
2 SEPA_N06 Autumn
2 SEPA_N07 Autumn

2 SEPA_N08 Autumn
2 SEPA_N09 Autumn
2 SEPA_N11 Autumn
2 SEPA_N12 Autumn
2 SEPA_N13 Autumn
2 SEPA_N14 Autumn
2 SEPA_N16 Autumn
2 SEPA_N17 Autumn
2 SEPA_N18 Autumn
2 SEPA_N19 Autumn
2 SEPA_N20 Autumn
2 SEPA_N21 Autumn
2 SEPA_N22 Autumn
2 SEPA_N23 Autumn
2 SEPA_N25 Autumn
2 SEPA_N26 Autumn
2 SEPA_N27 Autumn
2 SEPA_N28 Autumn
2 SEPA_N29 Autumn
2 SEPA_N30 Autumn
2 SEPA_N32 Autumn
2 SEPA_N33 Autumn
2 SEPA_N34 Autumn
2 SEPA_N36 Autumn
2 SEPA_N37 Autumn
2 SEPA_N39 Autumn
2 SEPA_N40 Autumn
2 SEPA_N41 Autumn
2 SEPA_N42 Autumn
2 SEPA_N43 Autumn
2 SEPA_N44 Autumn
2 SEPA_N45 Autumn
2 SEPA_N46 Autumn
2 SEPA_N47 Autumn
2 SEPA_N48 Autumn
2 SEPA_N49 Autumn
2 SEPA_N50 Autumn
2 SEPA_N52 Autumn
2 SEPA_N53 Autumn
2 SEPA_N54 Autumn
2 SEPA_N56 Autumn
2 SEPA_N57 Autumn
2 SEPA_N58 Autumn
2 SEPA_N59 Autumn

2 SEPA_N60 Autumn
2 SEPA_N61 Autumn
2 SEPA_N62 Autumn
2 SEPA_N64 Autumn
2 SEPA_N66 Autumn
2 SEPA_N67 Autumn
2 SEPA_N68 Autumn
2 SEPA_W01 Autumn
2 SEPA_W02 Autumn
2 SEPA_W03 Autumn
2 SEPA_W04 Autumn
2 SEPA_W05 Autumn
2 SEPA_W06 Autumn
2 SEPA_W07 Autumn
2 SEPA_W08 Autumn
2 SEPA_W09 Autumn
2 SEPA_W10 Autumn
2 SEPA_W11 Autumn
2 SEPA_W12 Autumn
2 SEPA_W13 Autumn
2 SEPA_W15 Autumn
2 SEPA_W16 Autumn
2 SEPA_W18 Autumn
2 SEPA_W19 Autumn
2 SEPA_W20 Autumn
2 SEPA_W21 Autumn
2 SEPA_W22 Autumn
2 SEPA_W23 Autumn
2 SEPA_W24 Autumn
2 SEPA_W25 Autumn
2 SEPA_W26 Autumn
2 SEPA_W27 Autumn
2 SEPA_W28 Autumn
2 SEPA_W29 Autumn
2 SEPA_W30 Autumn
2 SEPA_W31 Autumn
2 SEPA_W32 Autumn
2 SEPA_W33 Autumn
2 SEPA_W34 Autumn
2 SEPA_W36 Autumn
2 SEPA_W37 Autumn
2 SEPA_W38 Autumn
2 SN01 Autumn
2 SN02 Autumn

2 SO01 Autumn
2 SO02 Autumn
2 SO03 Autumn
2 ST01 Autumn
2 ST02 Autumn
2 ST03 Autumn
2 ST04 Autumn
2 ST05 Autumn
2 ST07 Autumn
2 SW01 Autumn
2 SW02 Autumn
2 SW05 Autumn
2 SW06 Autumn
2 SW07 Autumn
2 SW08 Autumn
2 SW09 Autumn
2 TA01 Autumn
2 TA02 Autumn
2 TA03 Autumn
2 TA04 Autumn
2 TA06 Autumn
2 TA07 Autumn
2 TA08 Autumn
2 TH01 Autumn
2 TH02 Autumn
2 TH03 Autumn
2 TH05 Autumn
2 TH06 Autumn
2 TH07 Autumn
2 TH08 Autumn
2 TW02 Autumn
2 TW03 Autumn
2 WE01 Autumn
2 WE03 Autumn
2 WE04 Autumn
2 WE05 Autumn
2 1001 Spring
2 1005 Spring
2 1007 Spring
2 1009 Spring
2 101 Spring
2 1011 Spring
2 1013 Spring
2 103 Spring

2 105 Spring
2 107 Spring
2 1081 Spring
2 1083 Spring
2 1101 Spring
2 1105 Spring
2 1109 Spring
2 1111 Spring
2 1113 Spring
2 1201 Spring
2 1203 Spring
2 1207 Spring
2 1209 Spring
2 1301 Spring
2 1303 Spring
2 1305 Spring
2 1307 Spring
2 1309 Spring
2 1311 Spring
2 1405 Spring
2 1409 Spring
2 1411 Spring
2 1413 Spring
2 1501 Spring
2 1503 Spring
2 1505 Spring
2 1601 Spring
2 1605 Spring
2 1607 Spring
2 1609 Spring
2 1611 Spring
2 1701 Spring
2 1703 Spring
2 1707 Spring
2 1709 Spring
2 1807 Spring
2 1809 Spring
2 181 Spring
2 185 Spring
2 1901 Spring
2 1903 Spring
2 1907 Spring
2 1909 Spring
2 2001 Spring

2 2003 Spring
2 2005 Spring
2 2007 Spring
2 2009 Spring
2 201 Spring
2 20100001 Spring
2 20100003 Spring
2 20100601 Spring
2 20100603 Spring
2 20100703 Spring
2 20100801 Spring
2 20100901 Spring
2 20101001 Spring
2 20101101 Spring
2 20101201 Spring
2 20101203 Spring
2 20101301 Spring
2 20200001 Spring
2 20200501 Spring
2 20201001 Spring
2 20201101 Spring
2 203 Spring
2 20300001 Spring
2 20300003 Spring
2 20300601 Spring
2 20301401 Spring
2 20301601 Spring
2 20301603 Spring
2 20301901 Spring
2 20302101 Spring
2 20302201 Spring
2 20302301 Spring
2 20302701 Spring
2 20302903 Spring
2 20302905 Spring
2 20303001 Spring
2 20303101 Spring
2 20303401 Spring
2 20303403 Spring
2 20303405 Spring
2 20303801 Spring
2 20304101 Spring
2 20304201 Spring
2 20304501 Spring

2 20400001 Spring
2 20400201 Spring
2 20400301 Spring
2 20400701 Spring
2 205 Spring
2 20500001 Spring
2 20500101 Spring
2 20500501 Spring
2 20501301 Spring
2 20600001 Spring
2 20600501 Spring
2 20601301 Spring
2 20601701 Spring
2 207 Spring
2 2103 Spring
2 2107 Spring
2 2109 Spring
2 2201 Spring
2 2203 Spring
2 2205 Spring
2 2207 Spring
2 2209 Spring
2 221 Spring
2 2211 Spring
2 225 Spring
2 227 Spring
2 229 Spring
2 2301 Spring
2 2303 Spring
2 2305 Spring
2 2307 Spring
2 231 Spring
2 233 Spring
2 23501101 Spring
2 23600201 Spring
2 23600301 Spring
2 23600401 Spring
2 23600501 Spring
2 23600601 Spring
2 23600701 Spring
2 23600703 Spring
2 23600801 Spring
2 23600901 Spring
2 23601201 Spring

2 23601401 Spring
2 23601501 Spring
2 2401 Spring
2 2403 Spring
2 2405 Spring
2 2409 Spring
2 2505 Spring
2 2507 Spring
2 2509 Spring
2 2513 Spring
2 2521 Spring
2 2523 Spring
2 2601 Spring
2 2605 Spring
2 2607 Spring
2 2609 Spring
2 2611 Spring
2 2619 Spring
2 2621 Spring
2 2703 Spring
2 2705 Spring
2 2707 Spring
2 2709 Spring
2 2711 Spring
2 2713 Spring
2 2715 Spring
2 2717 Spring
2 2721 Spring
2 2815 Spring
2 2901 Spring
2 2903 Spring
2 2905 Spring
2 2907 Spring
2 2909 Spring
2 2911 Spring
2 3001 Spring
2 3003 Spring
2 3007 Spring
2 301 Spring
2 303 Spring
2 305 Spring
2 307 Spring
2 309 Spring
2 3101 Spring

2 3103 Spring
2 3105 Spring
2 3107 Spring
2 3109 Spring
2 311 Spring
2 3111 Spring
2 313 Spring
2 3144 Spring
2 3145 Spring
2 3151 Spring
2 3152 Spring
2 3157 Spring
2 3162 Spring
2 3163 Spring
2 3205 Spring
2 3207 Spring
2 3301 Spring
2 3303 Spring
2 3305 Spring
2 3307 Spring
2 3309 Spring
2 3311 Spring
2 3313 Spring
2 3317 Spring
2 3372 Spring
2 3376 Spring
2 3381 Spring
2 3385 Spring
2 3389 Spring
2 3391 Spring
2 3393 Spring
2 3395 Spring
2 3403 Spring
2 3405 Spring
2 3407 Spring
2 3409 Spring
2 3413 Spring
2 3501 Spring
2 3503 Spring
2 3505 Spring
2 3507 Spring
2 3509 Spring
2 3511 Spring
2 3515 Spring

2 3581 Spring
2 3601 Spring
2 3603 Spring
2 3605 Spring
2 3607 Spring
2 3609 Spring
2 3701 Spring
2 3703 Spring
2 3704 Spring
2 3705 Spring
2 3709 Spring
2 3711 Spring
2 3713 Spring
2 3715 Spring
2 3717 Spring
2 3783 Spring
2 3785 Spring
2 3791 Spring
2 3801 Spring
2 3803 Spring
2 3805 Spring
2 3807 Spring
2 3809 Spring
2 381 Spring
2 389 Spring
2 3903 Spring
2 3905 Spring
2 3907 Spring
2 3909 Spring
2 3911 Spring
2 3913 Spring
2 3915 Spring
2 393 Spring
2 4001 Spring
2 4003 Spring
2 4005 Spring
2 4009 Spring
2 401 Spring
2 4011 Spring
2 4013 Spring
2 4017 Spring
2 405 Spring
2 407 Spring
2 409 Spring

2 4101 Spring
2 4103 Spring
2 4105 Spring
2 4107 Spring
2 411 Spring
2 4111 Spring
2 4201 Spring
2 4203 Spring
2 4205 Spring
2 4207 Spring
2 4209 Spring
2 4211 Spring
2 4301 Spring
2 4303 Spring
2 4305 Spring
2 4307 Spring
2 4309 Spring
2 4313 Spring
2 4381 Spring
2 4401 Spring
2 4403 Spring
2 4405 Spring
2 4407 Spring
2 4409 Spring
2 4601 Spring
2 4701 Spring
2 4703 Spring
2 4705 Spring
2 4707 Spring
2 4801 Spring
2 4803 Spring
2 4805 Spring
2 4807 Spring
2 4881 Spring
2 4885 Spring
2 4901 Spring
2 4903 Spring
2 4905 Spring
2 4907 Spring
2 4911 Spring
2 4913 Spring
2 4915 Spring
2 4917 Spring
2 4971 Spring

2 4975 Spring
2 4979 Spring
2 4983 Spring
2 4987 Spring
2 4991 Spring
2 5003 Spring
2 5005 Spring
2 5007 Spring
2 501 Spring
2 503 Spring
2 505 Spring
2 5101 Spring
2 5103 Spring
2 5105 Spring
2 5107 Spring
2 5183 Spring
2 5201 Spring
2 5203 Spring
2 5207 Spring
2 5301 Spring
2 5303 Spring
2 5305 Spring
2 5307 Spring
2 5309 Spring
2 5381 Spring
2 5383 Spring
2 5385 Spring
2 5401 Spring
2 5403 Spring
2 5405 Spring
2 5407 Spring
2 5501 Spring
2 5505 Spring
2 5507 Spring
2 5509 Spring
2 5601 Spring
2 5603 Spring
2 5607 Spring
2 5613 Spring
2 5615 Spring
2 5617 Spring
2 5619 Spring
2 5621 Spring
2 5623 Spring

2 5671 Spring
2 5673 Spring
2 5675 Spring
2 5677 Spring
2 5681 Spring
2 5691 Spring
2 5693 Spring
2 5695 Spring
2 5697 Spring
2 5701 Spring
2 5703 Spring
2 5705 Spring
2 5707 Spring
2 5709 Spring
2 5711 Spring
2 5713 Spring
2 5715 Spring
2 5717 Spring
2 5801 Spring
2 5803 Spring
2 5805 Spring
2 5841 Spring
2 5844 Spring
2 5845 Spring
2 5848 Spring
2 5850 Spring
2 5851 Spring
2 5852 Spring
2 5854 Spring
2 5855 Spring
2 5856 Spring
2 5861 Spring
2 5864 Spring
2 5881 Spring
2 5887 Spring
2 5891 Spring
2 5895 Spring
2 5901 Spring
2 5903 Spring
2 5905 Spring
2 6001 Spring
2 6005 Spring
2 601 Spring
2 603 Spring

2 605 Spring
2 607 Spring
2 609 Spring
2 610 Spring
2 6101 Spring
2 6103 Spring
2 6105 Spring
2 6107 Spring
2 6109 Spring
2 6111 Spring
2 613 Spring
2 6201 Spring
2 6213 Spring
2 6215 Spring
2 6258 Spring
2 6259 Spring
2 6261 Spring
2 6264 Spring
2 6265 Spring
2 6285 Spring
2 6289 Spring
2 6293 Spring
2 6405 Spring
2 6409 Spring
2 6413 Spring
2 6417 Spring
2 6501 Spring
2 6615 Spring
2 6691 Spring
2 6693 Spring
2 6801 Spring
2 6811 Spring
2 6841 Spring
2 6845 Spring
2 6847 Spring
2 6848 Spring
2 6849 Spring
2 6856 Spring
2 6857 Spring
2 6862 Spring
2 6863 Spring
2 6911 Spring
2 6913 Spring
2 6915 Spring

2 6917 Spring
2 6919 Spring
2 6921 Spring
2 6981 Spring
2 6993 Spring
2 7 Spring
2 701 Spring
2 703 Spring
2 705 Spring
2 707 Spring
2 7104 Spring
2 7107 Spring
2 711 Spring
2 7110 Spring
2 7116 Spring
2 7119 Spring
2 7127 Spring
2 713 Spring
2 7143 Spring
2 7145 Spring
2 7149 Spring
2 7189 Spring
2 7192 Spring
2 7195 Spring
2 7205 Spring
2 7217 Spring
2 7305 Spring
2 7311 Spring
2 7405 Spring
2 7413 Spring
2 7417 Spring
2 7505 Spring
2 7605 Spring
2 7611 Spring
2 7705 Spring
2 771 Spring
2 773 Spring
2 775 Spring
2 781 Spring
2 801 Spring
2 803 Spring
2 805 Spring
2 8205 Spring
2 8209 Spring

2 8213 Spring
2 8217 Spring
2 8221 Spring
2 8281 Spring
2 8285 Spring
2 8289 Spring
2 8305 Spring
2 8309 Spring
2 8313 Spring
2 8317 Spring
2 8505 Spring
2 8509 Spring
2 8513 Spring
2 8517 Spring
2 8521 Spring
2 8605 Spring
2 8609 Spring
2 8613 Spring
2 8705 Spring
2 8709 Spring
2 8713 Spring
2 8805 Spring
2 8809 Spring
2 8905 Spring
2 8909 Spring
2 8913 Spring
2 8921 Spring
2 8925 Spring
2 9009 Spring
2 901 Spring
2 903 Spring
2 905 Spring
2 909 Spring
2 9109 Spring
2 9481 Spring
2 9485 Spring
2 9581 Spring
2 9585 Spring
2 9603 Spring
2 9607 Spring
2 9611 Spring
2 9615 Spring
2 9703 Spring
2 9711 Spring

2 9903 Spring
2 AN02 Spring
2 AN03 Spring
2 AN04 Spring
2 AN05 Spring
2 AN06 Spring
2 AN07 Spring
2 AN08 Spring
2 AN09 Spring
2 CL02 Spring
2 CL04 Spring
2 CL05 Spring
2 FO01 Spring
2 FO02 Spring
2 FO03 Spring
2 HI01 Spring
2 HI02 Spring
2 HI03 Spring
2 HI04 Spring
2 HI05 Spring
2 HI06 Spring
2 HI07 Spring
2 HI08 Spring
2 HI09 Spring
2 HI10 Spring
2 NE01 Spring
2 NE02 Spring
2 NE03 Spring
2 NH01 Spring
2 NH03 Spring
2 NH05 Spring
2 NH06 Spring
2 NH07 Spring
2 NH09 Spring
2 NI_1 Spring
2 NI_11 Spring
2 NI_12 Spring
2 NI_13 Spring
2 NI_14 Spring
2 NI_15 Spring
2 NI_17 Spring
2 NI_18 Spring
2 NI_19 Spring
2 NI_2 Spring

2 NI_20 Spring
2 NI_21 Spring
2 NI_22 Spring
2 NI_23 Spring
2 NI_24 Spring
2 NI_25 Spring
2 NI_26 Spring
2 NI_28 Spring
2 NI_29 Spring
2 NI_3 Spring
2 NI_30 Spring
2 NI_31 Spring
2 NI_33 Spring
2 NI_34 Spring
2 NI_35 Spring
2 NI_36 Spring
2 NI_37 Spring
2 NI_38 Spring
2 NI_39 Spring
2 NI_4 Spring
2 NI_40 Spring
2 NI_5 Spring
2 NI_7 Spring
2 NI_8 Spring
2 NI_9 Spring
2 NW01 Spring
2 NW02 Spring
2 NW03 Spring
2 NW04 Spring
2 NW05 Spring
2 NW06 Spring
2 NW07 Spring
2 SEPA_E01 Spring
2 SEPA_E02 Spring
2 SEPA_E03 Spring
2 SEPA_E04 Spring
2 SEPA_E05 Spring
2 SEPA_E06 Spring
2 SEPA_E07 Spring
2 SEPA_E08 Spring
2 SEPA_E09 Spring
2 SEPA_E10 Spring
2 SEPA_N03 Spring
2 SEPA_N04 Spring

2 SEPA_N05 Spring
2 SEPA_N06 Spring
2 SEPA_N07 Spring
2 SEPA_N08 Spring
2 SEPA_N09 Spring
2 SEPA_N11 Spring
2 SEPA_N12 Spring
2 SEPA_N13 Spring
2 SEPA_N14 Spring
2 SEPA_N16 Spring
2 SEPA_N17 Spring
2 SEPA_N18 Spring
2 SEPA_N19 Spring
2 SEPA_N20 Spring
2 SEPA_N21 Spring
2 SEPA_N22 Spring
2 SEPA_N23 Spring
2 SEPA_N25 Spring
2 SEPA_N26 Spring
2 SEPA_N27 Spring
2 SEPA_N28 Spring
2 SEPA_N29 Spring
2 SEPA_N30 Spring
2 SEPA_N32 Spring
2 SEPA_N33 Spring
2 SEPA_N34 Spring
2 SEPA_N36 Spring
2 SEPA_N37 Spring
2 SEPA_N39 Spring
2 SEPA_N40 Spring
2 SEPA_N41 Spring
2 SEPA_N42 Spring
2 SEPA_N43 Spring
2 SEPA_N44 Spring
2 SEPA_N45 Spring
2 SEPA_N46 Spring
2 SEPA_N47 Spring
2 SEPA_N48 Spring
2 SEPA_N49 Spring
2 SEPA_N50 Spring
2 SEPA_N52 Spring
2 SEPA_N53 Spring
2 SEPA_N54 Spring
2 SEPA_N56 Spring

2 SEPA_N57 Spring
2 SEPA_N58 Spring
2 SEPA_N59 Spring
2 SEPA_N60 Spring
2 SEPA_N61 Spring
2 SEPA_N62 Spring
2 SEPA_N64 Spring
2 SEPA_N66 Spring
2 SEPA_N67 Spring
2 SEPA_N68 Spring
2 SEPA_W01 Spring
2 SEPA_W02 Spring
2 SEPA_W03 Spring
2 SEPA_W04 Spring
2 SEPA_W05 Spring
2 SEPA_W06 Spring
2 SEPA_W07 Spring
2 SEPA_W08 Spring
2 SEPA_W09 Spring
2 SEPA_W10 Spring
2 SEPA_W11 Spring
2 SEPA_W12 Spring
2 SEPA_W13 Spring
2 SEPA_W15 Spring
2 SEPA_W16 Spring
2 SEPA_W18 Spring
2 SEPA_W19 Spring
2 SEPA_W20 Spring
2 SEPA_W21 Spring
2 SEPA_W22 Spring
2 SEPA_W23 Spring
2 SEPA_W24 Spring
2 SEPA_W25 Spring
2 SEPA_W26 Spring
2 SEPA_W27 Spring
2 SEPA_W28 Spring
2 SEPA_W29 Spring
2 SEPA_W30 Spring
2 SEPA_W31 Spring
2 SEPA_W32 Spring
2 SEPA_W33 Spring
2 SEPA_W34 Spring
2 SEPA_W36 Spring
2 SEPA_W37 Spring

2 SEPA_W38 Spring
2 SN01 Spring
2 SN02 Spring
2 SO01 Spring
2 SO02 Spring
2 SO03 Spring
2 ST01 Spring
2 ST02 Spring
2 ST03 Spring
2 ST04 Spring
2 ST05 Spring
2 ST07 Spring
2 SW01 Spring
2 SW02 Spring
2 SW05 Spring
2 SW06 Spring
2 SW07 Spring
2 SW08 Spring
2 SW09 Spring
2 TA01 Spring
2 TA02 Spring
2 TA03 Spring
2 TA04 Spring
2 TA06 Spring
2 TA07 Spring
2 TA08 Spring
2 TH01 Spring
2 TH02 Spring
2 TH03 Spring
2 TH05 Spring
2 TH06 Spring
2 TH07 Spring
2 TH08 Spring
2 TW02 Spring
2 TW03 Spring
2 WE01 Spring
2 WE03 Spring
2 WE04 Spring
2 WE05 Spring
2 1001 Summer
2 1005 Summer
2 1007 Summer
2 1009 Summer
2 101 Summer

2 1011 Summer
2 1013 Summer
2 103 Summer
2 105 Summer
2 107 Summer
2 1081 Summer
2 1083 Summer
2 1101 Summer
2 1105 Summer
2 1109 Summer
2 1111 Summer
2 1113 Summer
2 1201 Summer
2 1203 Summer
2 1207 Summer
2 1209 Summer
2 1301 Summer
2 1303 Summer
2 1305 Summer
2 1307 Summer
2 1309 Summer
2 1311 Summer
2 1405 Summer
2 1409 Summer
2 1411 Summer
2 1413 Summer
2 1501 Summer
2 1503 Summer
2 1505 Summer
2 1601 Summer
2 1605 Summer
2 1607 Summer
2 1609 Summer
2 1611 Summer
2 1701 Summer
2 1703 Summer
2 1707 Summer
2 1709 Summer
2 1807 Summer
2 1809 Summer
2 181 Summer
2 185 Summer
2 1901 Summer
2 1903 Summer

2 1907 Summer
2 1909 Summer
2 2001 Summer
2 2003 Summer
2 2005 Summer
2 2007 Summer
2 2009 Summer
2 201 Summer
2 20100001 Summer
2 20100003 Summer
2 20100601 Summer
2 20100603 Summer
2 20100703 Summer
2 20100801 Summer
2 20100901 Summer
2 20101001 Summer
2 20101101 Summer
2 20101201 Summer
2 20101203 Summer
2 20101301 Summer
2 20200001 Summer
2 20200501 Summer
2 20201001 Summer
2 20201101 Summer
2 203 Summer
2 20300001 Summer
2 20300003 Summer
2 20300601 Summer
2 20301401 Summer
2 20301601 Summer
2 20301603 Summer
2 20301901 Summer
2 20302101 Summer
2 20302201 Summer
2 20302301 Summer
2 20302701 Summer
2 20302903 Summer
2 20302905 Summer
2 20303001 Summer
2 20303101 Summer
2 20303401 Summer
2 20303403 Summer
2 20303405 Summer
2 20303801 Summer

2 20304101 Summer
2 20304201 Summer
2 20304501 Summer
2 20400001 Summer
2 20400201 Summer
2 20400301 Summer
2 20400701 Summer
2 205 Summer
2 20500001 Summer
2 20500101 Summer
2 20500501 Summer
2 20501301 Summer
2 20600001 Summer
2 20600501 Summer
2 20601301 Summer
2 20601701 Summer
2 207 Summer
2 2103 Summer
2 2107 Summer
2 2109 Summer
2 2201 Summer
2 2203 Summer
2 2205 Summer
2 2207 Summer
2 2209 Summer
2 221 Summer
2 2211 Summer
2 225 Summer
2 227 Summer
2 229 Summer
2 2301 Summer
2 2303 Summer
2 2305 Summer
2 2307 Summer
2 231 Summer
2 233 Summer
2 23501101 Summer
2 23600201 Summer
2 23600301 Summer
2 23600401 Summer
2 23600501 Summer
2 23600601 Summer
2 23600701 Summer
2 23600703 Summer

2 23600801 Summer
2 23600901 Summer
2 23601201 Summer
2 23601401 Summer
2 23601501 Summer
2 2401 Summer
2 2403 Summer
2 2405 Summer
2 2409 Summer
2 2505 Summer
2 2507 Summer
2 2509 Summer
2 2513 Summer
2 2521 Summer
2 2523 Summer
2 2601 Summer
2 2605 Summer
2 2607 Summer
2 2609 Summer
2 2611 Summer
2 2619 Summer
2 2621 Summer
2 2703 Summer
2 2705 Summer
2 2707 Summer
2 2709 Summer
2 2711 Summer
2 2713 Summer
2 2715 Summer
2 2717 Summer
2 2721 Summer
2 2815 Summer
2 2901 Summer
2 2903 Summer
2 2905 Summer
2 2907 Summer
2 2909 Summer
2 2911 Summer
2 3001 Summer
2 3003 Summer
2 3007 Summer
2 301 Summer
2 303 Summer
2 305 Summer

2 307 Summer
2 309 Summer
2 3101 Summer
2 3103 Summer
2 3105 Summer
2 3107 Summer
2 3109 Summer
2 311 Summer
2 3111 Summer
2 313 Summer
2 3144 Summer
2 3145 Summer
2 3151 Summer
2 3152 Summer
2 3157 Summer
2 3162 Summer
2 3163 Summer
2 3205 Summer
2 3207 Summer
2 3301 Summer
2 3303 Summer
2 3305 Summer
2 3307 Summer
2 3309 Summer
2 3311 Summer
2 3313 Summer
2 3317 Summer
2 3372 Summer
2 3376 Summer
2 3381 Summer
2 3385 Summer
2 3389 Summer
2 3391 Summer
2 3393 Summer
2 3395 Summer
2 3403 Summer
2 3405 Summer
2 3407 Summer
2 3409 Summer
2 3413 Summer
2 3501 Summer
2 3503 Summer
2 3505 Summer
2 3507 Summer

2 3509 Summer
2 3511 Summer
2 3515 Summer
2 3581 Summer
2 3601 Summer
2 3603 Summer
2 3605 Summer
2 3607 Summer
2 3609 Summer
2 3701 Summer
2 3703 Summer
2 3704 Summer
2 3705 Summer
2 3709 Summer
2 3711 Summer
2 3713 Summer
2 3715 Summer
2 3717 Summer
2 3783 Summer
2 3791 Summer
2 3801 Summer
2 3803 Summer
2 3805 Summer
2 3807 Summer
2 3809 Summer
2 381 Summer
2 389 Summer
2 3903 Summer
2 3905 Summer
2 3907 Summer
2 3909 Summer
2 3911 Summer
2 3913 Summer
2 3915 Summer
2 393 Summer
2 4001 Summer
2 4003 Summer
2 4005 Summer
2 4009 Summer
2 401 Summer
2 4011 Summer
2 4013 Summer
2 4017 Summer
2 405 Summer

2 407 Summer
2 409 Summer
2 4101 Summer
2 4103 Summer
2 4105 Summer
2 4107 Summer
2 411 Summer
2 4111 Summer
2 4201 Summer
2 4203 Summer
2 4205 Summer
2 4207 Summer
2 4209 Summer
2 4211 Summer
2 4301 Summer
2 4303 Summer
2 4305 Summer
2 4307 Summer
2 4309 Summer
2 4313 Summer
2 4381 Summer
2 4401 Summer
2 4403 Summer
2 4405 Summer
2 4407 Summer
2 4409 Summer
2 4601 Summer
2 4701 Summer
2 4703 Summer
2 4705 Summer
2 4707 Summer
2 4801 Summer
2 4803 Summer
2 4805 Summer
2 4807 Summer
2 4881 Summer
2 4885 Summer
2 4901 Summer
2 4903 Summer
2 4905 Summer
2 4907 Summer
2 4911 Summer
2 4913 Summer
2 4915 Summer

2 4917 Summer
2 4971 Summer
2 4975 Summer
2 4979 Summer
2 4983 Summer
2 4987 Summer
2 4991 Summer
2 5003 Summer
2 5005 Summer
2 5007 Summer
2 501 Summer
2 503 Summer
2 505 Summer
2 5101 Summer
2 5103 Summer
2 5105 Summer
2 5107 Summer
2 5183 Summer
2 5201 Summer
2 5203 Summer
2 5207 Summer
2 5301 Summer
2 5303 Summer
2 5305 Summer
2 5307 Summer
2 5309 Summer
2 5381 Summer
2 5383 Summer
2 5385 Summer
2 5401 Summer
2 5403 Summer
2 5405 Summer
2 5407 Summer
2 5501 Summer
2 5505 Summer
2 5507 Summer
2 5509 Summer
2 5601 Summer
2 5603 Summer
2 5607 Summer
2 5613 Summer
2 5615 Summer
2 5617 Summer
2 5619 Summer

2 5621 Summer
2 5623 Summer
2 5671 Summer
2 5673 Summer
2 5675 Summer
2 5677 Summer
2 5681 Summer
2 5691 Summer
2 5693 Summer
2 5695 Summer
2 5697 Summer
2 5701 Summer
2 5703 Summer
2 5705 Summer
2 5707 Summer
2 5709 Summer
2 5711 Summer
2 5713 Summer
2 5715 Summer
2 5717 Summer
2 5801 Summer
2 5803 Summer
2 5805 Summer
2 5841 Summer
2 5844 Summer
2 5845 Summer
2 5848 Summer
2 5850 Summer
2 5851 Summer
2 5852 Summer
2 5854 Summer
2 5855 Summer
2 5856 Summer
2 5861 Summer
2 5864 Summer
2 5881 Summer
2 5887 Summer
2 5891 Summer
2 5895 Summer
2 5901 Summer
2 5903 Summer
2 5905 Summer
2 6001 Summer
2 6005 Summer

2 601 Summer
2 603 Summer
2 605 Summer
2 607 Summer
2 609 Summer
2 610 Summer
2 6101 Summer
2 6103 Summer
2 6105 Summer
2 6107 Summer
2 6109 Summer
2 6111 Summer
2 613 Summer
2 6201 Summer
2 6213 Summer
2 6215 Summer
2 6258 Summer
2 6259 Summer
2 6261 Summer
2 6264 Summer
2 6265 Summer
2 6285 Summer
2 6289 Summer
2 6293 Summer
2 6405 Summer
2 6409 Summer
2 6413 Summer
2 6417 Summer
2 6501 Summer
2 6615 Summer
2 6691 Summer
2 6693 Summer
2 6801 Summer
2 6811 Summer
2 6841 Summer
2 6845 Summer
2 6847 Summer
2 6848 Summer
2 6849 Summer
2 6856 Summer
2 6857 Summer
2 6862 Summer
2 6863 Summer
2 6911 Summer

2 6913 Summer
2 6915 Summer
2 6917 Summer
2 6919 Summer
2 6921 Summer
2 6981 Summer
2 6993 Summer
2 7 Summer
2 701 Summer
2 703 Summer
2 705 Summer
2 707 Summer
2 7104 Summer
2 7107 Summer
2 711 Summer
2 7110 Summer
2 7116 Summer
2 7119 Summer
2 7127 Summer
2 713 Summer
2 7143 Summer
2 7145 Summer
2 7149 Summer
2 7189 Summer
2 7192 Summer
2 7195 Summer
2 7205 Summer
2 7217 Summer
2 7305 Summer
2 7311 Summer
2 7405 Summer
2 7413 Summer
2 7417 Summer
2 7505 Summer
2 7605 Summer
2 7611 Summer
2 7705 Summer
2 771 Summer
2 773 Summer
2 775 Summer
2 781 Summer
2 801 Summer
2 803 Summer
2 805 Summer

2 8205 Summer
2 8209 Summer
2 8213 Summer
2 8217 Summer
2 8221 Summer
2 8281 Summer
2 8285 Summer
2 8289 Summer
2 8305 Summer
2 8309 Summer
2 8313 Summer
2 8317 Summer
2 8505 Summer
2 8509 Summer
2 8513 Summer
2 8517 Summer
2 8521 Summer
2 8605 Summer
2 8609 Summer
2 8613 Summer
2 8705 Summer
2 8709 Summer
2 8713 Summer
2 8805 Summer
2 8809 Summer
2 8905 Summer
2 8909 Summer
2 8913 Summer
2 8921 Summer
2 8925 Summer
2 9009 Summer
2 901 Summer
2 903 Summer
2 905 Summer
2 909 Summer
2 9109 Summer
2 9481 Summer
2 9485 Summer
2 9581 Summer
2 9585 Summer
2 9603 Summer
2 9607 Summer
2 9611 Summer
2 9615 Summer

2 9703 Summer
2 9711 Summer
2 9903 Summer
2 AN02 Summer
2 AN03 Summer
2 AN04 Summer
2 AN05 Summer
2 AN06 Summer
2 AN07 Summer
2 AN08 Summer
2 AN09 Summer
2 CL02 Summer
2 CL04 Summer
2 CL05 Summer
2 FO01 Summer
2 FO02 Summer
2 FO03 Summer
2 HI01 Summer
2 HI02 Summer
2 HI03 Summer
2 HI04 Summer
2 HI05 Summer
2 HI06 Summer
2 HI07 Summer
2 HI08 Summer
2 HI09 Summer
2 HI10 Summer
2 NE01 Summer
2 NE02 Summer
2 NE03 Summer
2 NH01 Summer
2 NH03 Summer
2 NH05 Summer
2 NH06 Summer
2 NH07 Summer
2 NH09 Summer
2 NI_1 Summer
2 NI_11 Summer
2 NI_12 Summer
2 NI_13 Summer
2 NI_14 Summer
2 NI_15 Summer
2 NI_17 Summer
2 NI_18 Summer

2 NI_19 Summer
2 NI_2 Summer
2 NI_20 Summer
2 NI_21 Summer
2 NI_22 Summer
2 NI_23 Summer
2 NI_24 Summer
2 NI_25 Summer
2 NI_26 Summer
2 NI_28 Summer
2 NI_29 Summer
2 NI_3 Summer
2 NI_30 Summer
2 NI_31 Summer
2 NI_33 Summer
2 NI_34 Summer
2 NI_35 Summer
2 NI_36 Summer
2 NI_37 Summer
2 NI_38 Summer
2 NI_39 Summer
2 NI_4 Summer
2 NI_40 Summer
2 NI_5 Summer
2 NI_7 Summer
2 NI_8 Summer
2 NI_9 Summer
2 NW01 Summer
2 NW02 Summer
2 NW03 Summer
2 NW04 Summer
2 NW05 Summer
2 NW06 Summer
2 NW07 Summer
2 SEPA_E01 Summer
2 SEPA_E02 Summer
2 SEPA_E03 Summer
2 SEPA_E04 Summer
2 SEPA_E05 Summer
2 SEPA_E06 Summer
2 SEPA_E07 Summer
2 SEPA_E08 Summer
2 SEPA_E09 Summer
2 SEPA_E10 Summer

2 SEPA_N03 Summer
2 SEPA_N04 Summer
2 SEPA_N05 Summer
2 SEPA_N06 Summer
2 SEPA_N07 Summer
2 SEPA_N08 Summer
2 SEPA_N09 Summer
2 SEPA_N11 Summer
2 SEPA_N12 Summer
2 SEPA_N13 Summer
2 SEPA_N14 Summer
2 SEPA_N16 Summer
2 SEPA_N17 Summer
2 SEPA_N18 Summer
2 SEPA_N19 Summer
2 SEPA_N20 Summer
2 SEPA_N21 Summer
2 SEPA_N22 Summer
2 SEPA_N23 Summer
2 SEPA_N25 Summer
2 SEPA_N26 Summer
2 SEPA_N27 Summer
2 SEPA_N28 Summer
2 SEPA_N29 Summer
2 SEPA_N30 Summer
2 SEPA_N32 Summer
2 SEPA_N33 Summer
2 SEPA_N34 Summer
2 SEPA_N36 Summer
2 SEPA_N37 Summer
2 SEPA_N39 Summer
2 SEPA_N40 Summer
2 SEPA_N41 Summer
2 SEPA_N42 Summer
2 SEPA_N43 Summer
2 SEPA_N44 Summer
2 SEPA_N45 Summer
2 SEPA_N46 Summer
2 SEPA_N47 Summer
2 SEPA_N48 Summer
2 SEPA_N49 Summer
2 SEPA_N50 Summer
2 SEPA_N52 Summer
2 SEPA_N53 Summer

2 SEPA_N54 Summer
2 SEPA_N56 Summer
2 SEPA_N57 Summer
2 SEPA_N58 Summer
2 SEPA_N59 Summer
2 SEPA_N60 Summer
2 SEPA_N61 Summer
2 SEPA_N62 Summer
2 SEPA_N64 Summer
2 SEPA_N66 Summer
2 SEPA_N67 Summer
2 SEPA_N68 Summer
2 SEPA_W01 Summer
2 SEPA_W02 Summer
2 SEPA_W03 Summer
2 SEPA_W04 Summer
2 SEPA_W05 Summer
2 SEPA_W06 Summer
2 SEPA_W07 Summer
2 SEPA_W08 Summer
2 SEPA_W09 Summer
2 SEPA_W10 Summer
2 SEPA_W11 Summer
2 SEPA_W12 Summer
2 SEPA_W13 Summer
2 SEPA_W15 Summer
2 SEPA_W16 Summer
2 SEPA_W18 Summer
2 SEPA_W19 Summer
2 SEPA_W20 Summer
2 SEPA_W21 Summer
2 SEPA_W22 Summer
2 SEPA_W23 Summer
2 SEPA_W24 Summer
2 SEPA_W25 Summer
2 SEPA_W26 Summer
2 SEPA_W27 Summer
2 SEPA_W28 Summer
2 SEPA_W29 Summer
2 SEPA_W30 Summer
2 SEPA_W31 Summer
2 SEPA_W32 Summer
2 SEPA_W33 Summer
2 SEPA_W34 Summer

2 SEPA_W36 Summer
2 SEPA_W37 Summer
2 SEPA_W38 Summer
2 SN01 Summer
2 SN02 Summer
2 SO01 Summer
2 SO02 Summer
2 SO03 Summer
2 ST01 Summer
2 ST02 Summer
2 ST03 Summer
2 ST04 Summer
2 ST05 Summer
2 ST07 Summer
2 SW01 Summer
2 SW02 Summer
2 SW05 Summer
2 SW06 Summer
2 SW07 Summer
2 SW08 Summer
2 SW09 Summer
2 TA01 Summer
2 TA02 Summer
2 TA03 Summer
2 TA04 Summer
2 TA06 Summer
2 TA07 Summer
2 TA08 Summer
2 TH01 Summer
2 TH02 Summer
2 TH03 Summer
2 TH05 Summer
2 TH06 Summer
2 TH07 Summer
2 TH08 Summer
2 TW02 Summer
2 TW03 Summer
2 WE01 Summer
2 WE03 Summer
2 WE04 Summer
2 WE05 Summer

Contains Centre for Ecology and Hydrology and Environment Agency information

© Environment Agency and database right

Land Cover Map 2007 © NERC (CEH)

Sample Date	Site/Station ID	Season	LIFE(fam) (2dp)	PSI(fam) (1dp)
30/10/2006	56387	Autumn	5.73	8.0
11/09/2006	55989	Autumn	5.82	9.1
25/09/2006	56085	Autumn	5.59	11.1
30/11/2006	55321	Autumn	6.00	12.8
21/09/2006	49889	Autumn	5.47	5.7
02/11/2006	565	Autumn	7.42	51.4
16/11/2006	50835	Autumn	5.73	8.8
25/09/2006	56091	Autumn	5.69	8.8
19/10/2006	55839	Autumn	5.53	7.1
07/11/2006	68680	Autumn	6.83	43.5
11/09/2006	56342	Autumn	5.92	21.6
25/10/2006	1462	Autumn	6.83	28.6
18/09/2006	2026	Autumn	6.40	19.2
31/10/2006	55296	Autumn	6.44	30.2
09/11/2006	53786	Autumn	5.33	0.0
12/09/2006	54806	Autumn	6.75	44.1
12/09/2006	54803	Autumn	7.04	43.8
31/10/2006	55232	Autumn	6.46	27.3
21/09/2006	49026	Autumn	5.86	12.9
28/11/2006	55566	Autumn	6.00	14.3
02/10/2006	54703	Autumn	6.85	39.5
25/10/2006	55176	Autumn	5.73	8.5
17/10/2006	54884	Autumn	5.71	9.5
02/11/2006	33230	Autumn	6.00	23.9
02/11/2006	334	Autumn	7.00	47.6
18/10/2006	36239	Autumn	6.52	31.7
20/10/2006	10300	Autumn	5.90	9.3
16/11/2006	48637	Autumn	6.18	16.7
18/10/2006	52269	Autumn	6.17	24.4
12/09/2006	54776	Autumn	6.91	50.0
03/11/2006	1671	Autumn	7.00	53.1
13/10/2006	54888	Autumn	6.67	38.2
05/10/2006	1925	Autumn	6.91	41.7
21/09/2006	54981	Autumn	6.73	33.3
16/10/2006	1793	Autumn	7.86	75.0
30/10/2006	56010	Autumn	5.81	6.5
14/11/2006	55047	Autumn	5.91	10.6
27/11/2006	55184	Autumn	6.84	38.3
20/09/2006	55938	Autumn	6.42	25.0

17/10/2006	54769 Autumn	6.82	46.7
08/09/2006	53054 Autumn	5.59	7.3
13/10/2006	52591 Autumn	5.75	18.2
07/09/2006	54849 Autumn	6.94	52.8
10/10/2006	36286 Autumn	6.29	19.4
31/10/2006	55171 Autumn	6.17	13.0
31/10/2006	55028 Autumn	6.12	15.4
31/10/2006	35810 Autumn	7.07	42.3
30/10/2006	56285 Autumn	6.44	26.9
06/11/2006	35984 Autumn	6.32	30.0
26/10/2006	54952 Autumn	6.79	42.9
30/10/2006	56054 Autumn	6.00	18.6
15/11/2006	55352 Autumn	6.00	10.5
26/10/2006	36196 Autumn	6.09	20.9
28/11/2006	54980 Autumn	6.66	30.2
15/11/2006	53741 Autumn	6.50	20.0
01/09/2006	36073 Autumn	7.13	53.8
15/09/2006	54694 Autumn	5.81	11.1
31/10/2006	69 Autumn	6.54	21.1
01/11/2006	43124 Autumn	7.44	50.0
05/10/2006	1942 Autumn	6.96	47.9
14/11/2006	34114 Autumn	6.33	20.0
26/10/2006	35465 Autumn	6.48	31.6
03/10/2006	1750 Autumn	6.00	9.5
07/11/2006	56156 Autumn	6.00	13.7
20/09/2006	36182 Autumn	6.05	17.5
03/10/2006	36066 Autumn	6.12	17.6
02/11/2006	35934 Autumn	7.84	65.1
09/11/2006	65481 Autumn	5.89	5.3
07/09/2006	54880 Autumn	6.52	37.5
01/11/2006	51118 Autumn	6.38	23.3
18/09/2006	55971 Autumn	6.73	35.0
24/11/2006	55521 Autumn	6.50	20.0
02/11/2006	43645 Autumn	6.96	40.8
07/11/2006	34360 Autumn	7.04	48.1
02/11/2006	2010 Autumn	8.27	79.7
06/09/2006	50617 Autumn	6.79	44.4
18/09/2006	53772 Autumn	6.24	25.6
04/10/2006	34307 Autumn	6.00	16.7
17/10/2006	35248 Autumn	5.31	17.6
09/11/2006	65422 Autumn	5.25	0.0
02/10/2006	54585 Autumn	6.22	18.4
20/09/2006	55899 Autumn	6.22	20.5
17/10/2006	56326 Autumn	6.48	28.3

21/11/2006	48657 Autumn	6.80	35.1
03/10/2006	43686 Autumn	5.77	14.3
23/11/2006	35265 Autumn	6.35	24.2
19/09/2006	55435 Autumn	5.68	5.1
30/11/2006	36104 Autumn	6.94	45.2
21/09/2006	67993 Autumn	7.92	73.1
13/11/2006	67789 Autumn	7.68	75.7
27/09/2006	52889 Autumn	6.42	23.7
30/11/2006	56282 Autumn	5.94	14.7
13/09/2006	64793 Autumn	7.91	86.0
08/11/2006	10291 Autumn	6.82	35.4
05/09/2006	51274 Autumn	6.40	25.0
07/09/2006	69444 Autumn	7.43	76.9
13/09/2006	9144 Autumn	7.47	80.0
27/09/2006	42011 Autumn	7.38	65.0
04/10/2006	54736 Autumn	6.28	32.3
13/10/2006	43239 Autumn	6.47	28.2
25/10/2006	55245 Autumn	6.93	31.3
26/09/2006	36127 Autumn	6.60	31.3
16/10/2006	35927 Autumn	6.35	27.5
02/11/2006	36089 Autumn	6.89	42.4
29/09/2006	47199 Autumn	5.59	5.7
01/11/2006	42459 Autumn	6.53	36.6
08/09/2006	51331 Autumn	5.47	5.4
23/10/2006	34054 Autumn	7.04	52.0
26/09/2006	42742 Autumn	6.63	30.8
13/11/2006	34213 Autumn	6.92	38.6
04/09/2006	55417 Autumn	6.96	52.3
21/09/2006	51005 Autumn	5.79	10.7
19/10/2006	1917 Autumn	7.71	65.2
21/09/2006	52346 Autumn	5.87	9.4
06/11/2006	56143 Autumn	6.36	14.6
13/10/2006	50895 Autumn	6.47	41.9
07/11/2006	49688 Autumn	6.88	47.3
03/10/2006	54927 Autumn	5.89	14.3
02/10/2006	55784 Autumn	6.35	25.0
21/09/2006	10867 Autumn	7.43	66.0
01/11/2006	36035 Autumn	7.95	67.4
10/10/2006	36147 Autumn	6.92	40.0
25/10/2006	55415 Autumn	6.05	15.4
07/09/2006	10114 Autumn	8.00	81.6
20/09/2006	54857 Autumn	6.19	12.0
21/09/2006	54922 Autumn	6.73	33.3
26/10/2006	9118 Autumn	7.00	35.5

11/09/2006	55088 Autumn	6.70	43.5
15/09/2006	54603 Autumn	5.85	14.3
20/11/2006	34348 Autumn	6.88	41.2
11/09/2006	66752 Autumn	6.62	26.8
02/10/2006	51576 Autumn	5.91	17.2
09/11/2006	54678 Autumn	7.00	57.1
07/09/2006	65014 Autumn	5.60	3.0
14/11/2006	49704 Autumn	5.94	12.1
01/11/2006	50779 Autumn	6.70	41.9
04/10/2006	50964 Autumn	7.05	42.2
07/09/2006	53243 Autumn	7.07	51.9
09/11/2006	43112 Autumn	7.11	50.6
31/10/2006	51650 Autumn	6.57	35.2
09/10/2006	55102 Autumn	5.91	8.3
01/11/2006	48483 Autumn	6.64	36.0
02/11/2006	54564 Autumn	6.16	19.4
06/10/2006	48067 Autumn	6.25	27.8
17/10/2006	48190 Autumn	7.14	40.0
13/09/2006	9146 Autumn	7.35	62.5
14/11/2006	52226 Autumn	6.43	27.5
04/10/2006	49149 Autumn	6.19	17.9
20/09/2006	65565 Autumn	5.88	5.6
13/09/2006	51712 Autumn	6.47	29.7
30/11/2006	34171 Autumn	6.89	42.6
02/10/2006	53157 Autumn	6.20	31.4
21/09/2006	67903 Autumn	8.14	76.9
30/11/2006	55057 Autumn	6.10	8.7
26/09/2006	42837 Autumn	7.71	61.5
27/11/2006	42108 Autumn	6.71	36.7
21/09/2006	54917 Autumn	6.45	28.2
18/09/2006	55929 Autumn	5.70	5.0
02/10/2006	1748 Autumn	7.00	40.0
20/09/2006	8533 Autumn	7.00	40.4
14/11/2006	1693 Autumn	6.59	32.6
22/10/2006	8550 Autumn	7.32	55.6
15/09/2006	48310 Autumn	5.91	18.0
13/11/2006	54025 Autumn	6.31	29.2
26/10/2006	54948 Autumn	7.14	56.9
13/10/2006	54560 Autumn	6.16	20.0
01/11/2006	64885 Autumn	6.29	20.0
07/11/2006	42642 Autumn	7.00	46.4
11/10/2006	65241 Autumn	5.91	16.7
25/10/2006	34305 Autumn	6.50	32.1
02/11/2006	43174 Autumn	6.83	41.7

26/10/2006	35085 Autumn	6.00	22.2
31/10/2006	41977 Autumn	6.33	36.8
06/11/2006	36049 Autumn	7.33	59.1
25/09/2006	56411 Autumn	6.77	29.6
12/10/2006	35335 Autumn	7.33	54.1
18/10/2006	36117 Autumn	7.22	51.5
28/09/2006	1893 Autumn	8.06	87.1
21/09/2006	43407 Autumn	6.96	38.2
21/09/2006	49881 Autumn	7.50	60.0
10/11/2006	1632 Autumn	7.85	90.9
13/09/2006	9174 Autumn	7.43	66.0
13/09/2006	49700 Autumn	7.71	60.4
18/10/2006	50294 Autumn	5.76	7.7
04/10/2006	54650 Autumn	6.71	41.9
05/09/2006	8645 Autumn	5.86	12.9
22/09/2006	8593 Autumn	6.62	20.0
14/11/2006	56471 Autumn	6.56	9.1
16/10/2006	54902 Autumn	6.92	40.9
01/11/2006	68076 Autumn	5.94	11.8
02/10/2006	56137 Autumn	6.67	32.4
12/10/2006	35561 Autumn	6.23	27.3
02/11/2006	51884 Autumn	6.40	29.2
07/11/2006	36103 Autumn	6.85	40.0
09/11/2006	1708 Autumn	7.57	69.1
13/09/2006	9500 Autumn	7.75	75.7
09/11/2006	43108 Autumn	7.50	57.6
04/09/2006	51324 Autumn	6.00	10.3
03/10/2006	55740 Autumn	7.00	50.0
18/10/2006	33853 Autumn	6.28	27.3
27/09/2006	50275 Autumn	6.23	32.1
18/10/2006	35937 Autumn	7.33	56.3
06/11/2006	56234 Autumn	6.60	31.0
05/09/2006	8646 Autumn	6.68	36.7
31/10/2006	55577 Autumn	6.25	19.5
21/09/2006	48226 Autumn	7.00	49.0
16/10/2006	36070 Autumn	7.00	35.0
06/11/2006	50577 Autumn	6.33	14.3
26/09/2006	52282 Autumn	6.94	37.0
15/11/2006	53742 Autumn	7.94	75.0
08/09/2006	67870 Autumn	7.85	69.6
25/09/2006	56306 Autumn	6.53	33.3
07/11/2006	56196 Autumn	5.82	18.0
02/10/2006	56087 Autumn	6.10	13.2
31/10/2006	47198 Autumn	7.25	52.9

24/11/2006	55869 Autumn	6.93	38.5
02/11/2006	54581 Autumn	7.20	50.0
02/11/2006	54039 Autumn	6.83	45.7
13/10/2006	51280 Autumn	6.18	30.0
04/10/2006	51838 Autumn	6.38	33.3
11/10/2006	54614 Autumn	6.44	28.1
13/09/2006	52657 Autumn	6.80	39.2
30/11/2006	47755 Autumn	6.92	35.7
17/10/2006	35463 Autumn	6.18	26.1
03/10/2006	1877 Autumn	6.91	40.9
27/09/2006	68430 Autumn	6.55	22.2
17/10/2006	68078 Autumn	5.71	0.0
27/09/2006	54846 Autumn	7.44	64.7
13/10/2006	43220 Autumn	6.68	38.7
14/09/2006	9297 Autumn	7.69	69.2
06/11/2006	51557 Autumn	7.26	45.0
09/11/2006	1701 Autumn	7.41	60.5
02/10/2006	56154 Autumn	6.11	21.6
20/09/2006	8540 Autumn	6.54	27.3
22/11/2006	34362 Autumn	6.65	35.0
31/10/2006	53933 Autumn	7.33	51.5
13/11/2006	47229 Autumn	6.60	39.3
06/10/2006	53549 Autumn	6.56	34.3
28/09/2006	55505 Autumn	6.70	41.5
27/09/2006	51143 Autumn	6.89	47.1
13/09/2006	360 Autumn	6.60	33.3
09/11/2006	7770 Autumn	6.86	49.1
24/11/2006	55471 Autumn	7.43	51.9
30/10/2006	56442 Autumn	6.05	8.6
15/09/2006	50427 Autumn	7.06	46.7
02/10/2006	8779 Autumn	6.00	4.8
01/11/2006	53653 Autumn	6.32	15.4
13/09/2006	9462 Autumn	8.00	68.8
21/11/2006	55689 Autumn	6.11	23.1
18/10/2006	35812 Autumn	7.41	55.0
02/10/2006	50092 Autumn	6.46	27.6
15/09/2006	53979 Autumn	6.56	36.8
10/10/2006	36069 Autumn	8.00	73.0
25/09/2006	56223 Autumn	6.12	19.6
21/09/2006	51400 Autumn	6.58	17.4
09/11/2006	42306 Autumn	6.48	32.8
06/11/2006	244 Autumn	7.54	63.3
19/09/2006	49558 Autumn	7.11	50.0
15/09/2006	10098 Autumn	8.09	77.4

07/09/2006	8904 Autumn	7.67	77.5
05/09/2006	9701 Autumn	7.59	71.4
31/10/2006	50530 Autumn	7.15	47.2
04/10/2006	54641 Autumn	6.61	38.7
17/10/2006	53720 Autumn	7.73	61.3
01/11/2006	53555 Autumn	5.33	3.0
07/11/2006	52014 Autumn	8.67	84.6
30/10/2006	54598 Autumn	7.24	57.1
02/11/2006	47207 Autumn	7.00	46.0
07/11/2006	68353 Autumn	6.25	27.8
21/11/2006	50094 Autumn	7.33	56.3
18/10/2006	42015 Autumn	6.36	26.1
19/11/2006	10210 Autumn	6.75	38.5
05/09/2006	8614 Autumn	7.25	31.3
08/09/2006	47206 Autumn	6.25	30.6
15/09/2006	49352 Autumn	6.39	24.5
19/09/2006	48102 Autumn	6.36	25.7
31/10/2006	35956 Autumn	6.59	35.3
13/09/2006	9470 Autumn	7.96	76.1
04/09/2006	55206 Autumn	7.11	57.1
25/10/2006	1683 Autumn	7.45	66.0
27/09/2006	68117 Autumn	6.38	29.4
14/11/2006	34312 Autumn	5.96	25.0
30/11/2006	51300 Autumn	7.05	50.0
10/10/2006	1653 Autumn	7.55	65.0
28/09/2006	353 Autumn	5.95	17.0
10/10/2006	1625 Autumn	7.59	74.6
08/11/2006	34162 Autumn	7.75	37.5
10/11/2006	55117 Autumn	6.25	23.4
21/09/2006	10949 Autumn	6.89	39.7
27/09/2006	66742 Autumn	7.00	49.0
13/10/2006	51208 Autumn	6.58	13.6
02/11/2006	48198 Autumn	7.07	41.7
05/09/2006	8616 Autumn	6.90	55.9
13/10/2006	42055 Autumn	6.70	33.9
06/11/2006	35824 Autumn	6.64	28.6
01/11/2006	47059 Autumn	6.09	25.0
10/10/2006	1636 Autumn	7.65	73.9
06/11/2006	44280 Autumn	6.76	38.2
01/11/2006	48514 Autumn	7.00	46.3
30/11/2006	56262 Autumn	6.45	34.8
10/10/2006	54028 Autumn	7.17	55.0
01/11/2006	52670 Autumn	7.67	61.7
17/11/2006	56476 Autumn	6.31	20.7

30/11/2006	50416 Autumn	6.16	20.9
30/11/2006	50488 Autumn	7.15	46.2
20/10/2006	50531 Autumn	6.67	20.0
04/10/2006	49108 Autumn	5.60	5.7
27/09/2006	64616 Autumn	7.70	72.5
07/11/2006	54821 Autumn	6.58	39.1
07/11/2006	50989 Autumn	7.38	66.7
02/11/2006	49803 Autumn	6.97	41.5
18/10/2006	10687 Autumn	8.08	81.3
13/10/2006	50494 Autumn	6.41	25.0
13/09/2006	67880 Autumn	7.95	75.0
08/09/2006	9450 Autumn	8.05	70.0
02/10/2006	55599 Autumn	6.22	9.5
01/11/2006	1682 Autumn	7.47	75.0
03/11/2006	49157 Autumn	6.83	40.0
30/10/2006	50072 Autumn	5.83	13.2
28/11/2006	10247 Autumn	6.48	27.4
01/09/2006	1335 Autumn	8.09	71.9
01/11/2006	53158 Autumn	7.36	50.0
14/09/2006	9418 Autumn	7.22	54.1
21/11/2006	55598 Autumn	7.03	49.0
13/10/2006	47310 Autumn	7.28	57.4
19/09/2006	48053 Autumn	6.00	19.2
25/09/2006	65296 Autumn	7.53	61.9
12/10/2006	36156 Autumn	7.14	54.4
30/11/2006	48443 Autumn	7.20	53.7
02/10/2006	1396 Autumn	6.89	50.9
26/10/2006	35864 Autumn	6.58	36.8
20/10/2006	47438 Autumn	7.42	50.0
24/10/2006	1442 Autumn	5.70	12.5
19/09/2006	54601 Autumn	6.43	31.7
21/09/2006	54607 Autumn	6.77	44.4
14/09/2006	9328 Autumn	7.36	53.8
27/09/2006	53279 Autumn	6.00	12.5
24/10/2006	68036 Autumn	7.00	38.5
17/10/2006	68077 Autumn	5.78	11.1
31/10/2006	43234 Autumn	7.03	43.4
13/10/2006	53773 Autumn	7.86	64.4
07/11/2006	55842 Autumn	6.67	28.6
06/11/2006	67311 Autumn	6.56	34.4
09/11/2006	7814 Autumn	5.92	22.8
04/10/2006	148 Autumn	7.39	76.7
02/10/2006	1368 Autumn	7.75	71.9
23/11/2006	7711 Autumn	7.18	65.4

02/10/2006	47558 Autumn	6.33	29.6
11/10/2006	2104 Autumn	7.87	73.3
17/10/2006	51368 Autumn	6.47	34.1
01/11/2006	52417 Autumn	6.27	24.0
25/10/2006	64937 Autumn	6.93	50.0
27/09/2006	54831 Autumn	7.21	66.7
20/10/2006	53836 Autumn	7.13	48.7
07/09/2006	267 Autumn	7.70	72.6
01/11/2006	51707 Autumn	6.65	37.2
26/09/2006	9155 Autumn	7.06	55.9
06/10/2006	53570 Autumn	6.56	40.6
09/10/2006	54746 Autumn	6.91	37.8
28/09/2006	1713 Autumn	7.19	48.3
13/10/2006	53965 Autumn	6.71	42.1
13/09/2006	49673 Autumn	6.80	42.9
15/11/2006	66342 Autumn	7.18	42.1
27/10/2006	8576 Autumn	6.00	15.8
02/10/2006	96 Autumn	6.15	21.9
01/11/2006	54026 Autumn	6.68	40.0
07/11/2006	68338 Autumn	6.07	21.9
04/10/2006	9115 Autumn	7.20	43.5
18/10/2006	48185 Autumn	6.40	26.5
12/09/2006	54773 Autumn	7.00	48.5
07/11/2006	8521 Autumn	6.35	20.6
07/11/2006	43093 Autumn	7.13	52.6
09/10/2006	8987 Autumn	7.24	63.2
09/10/2006	53378 Autumn	7.43	63.6
10/10/2006	65733 Autumn	7.00	41.9
21/09/2006	65851 Autumn	6.56	31.8
13/10/2006	65277 Autumn	7.35	64.7
09/10/2006	54036 Autumn	7.70	70.0
11/10/2006	1640 Autumn	7.20	50.0
27/09/2006	47244 Autumn	6.27	21.4
08/11/2006	52577 Autumn	7.60	58.5
16/10/2006	1887 Autumn	7.32	59.6
09/10/2006	48205 Autumn	6.22	21.9
04/10/2006	49324 Autumn	6.87	41.7
10/10/2006	55977 Autumn	6.00	20.5
05/10/2006	51843 Autumn	7.42	63.9
24/10/2006	53376 Autumn	7.56	58.1
12/09/2006	49859 Autumn	6.33	34.5
20/10/2006	47407 Autumn	6.63	36.1
14/11/2006	47057 Autumn	6.33	26.7
04/10/2006	42204 Autumn	7.02	45.6

13/10/2006	51262 Autumn	7.00	47.9
28/09/2006	1891 Autumn	7.54	71.7
09/10/2006	77582 Autumn	7.00	47.1
06/11/2006	47027 Autumn	7.18	51.4
04/10/2006	53214 Autumn	6.09	20.7
04/10/2006	53511 Autumn	7.13	47.2
20/10/2006	52063 Autumn	7.57	66.7
02/11/2006	50558 Autumn	7.32	56.5
19/10/2006	52571 Autumn	7.37	56.1
30/11/2006	35660 Autumn	7.23	50.0
09/11/2006	1705 Autumn	7.46	57.4
12/09/2006	54801 Autumn	7.15	52.1
24/10/2006	66542 Autumn	6.24	21.4
13/09/2006	9335 Autumn	8.00	77.3
12/09/2006	8952 Autumn	7.35	68.3
13/09/2006	64287 Autumn	7.87	85.9
17/10/2006	55287 Autumn	6.97	52.1
19/09/2006	53183 Autumn	7.07	50.0
18/09/2006	1240 Autumn	7.50	73.7
01/11/2006	52666 Autumn	6.86	53.8
28/09/2006	55749 Autumn	6.22	16.7
20/10/2006	50841 Autumn	7.70	70.5
31/10/2006	10925 Autumn	7.60	53.1
17/10/2006	35783 Autumn	7.89	58.1
20/09/2006	51357 Autumn	7.88	70.9
07/09/2006	10066 Autumn	7.72	70.3
25/09/2006	55538 Autumn	6.92	42.9
31/10/2006	35941 Autumn	6.18	21.7
28/11/2006	10520 Autumn	7.07	43.3
23/11/2006	48892 Autumn	7.00	50.0
25/09/2006	65306 Autumn	6.20	13.6
09/11/2006	8350 Autumn	7.03	50.7
01/09/2006	910 Autumn	8.05	68.8
25/10/2006	8527 Autumn	6.90	50.0
01/11/2006	1677 Autumn	7.89	72.2
10/10/2006	65519 Autumn	7.94	83.3
19/10/2006	51015 Autumn	6.80	36.2
27/09/2006	66656 Autumn	7.50	53.3
01/11/2006	53980 Autumn	6.91	47.7
30/11/2006	35342 Autumn	6.65	35.7
04/10/2006	56484 Autumn	6.50	31.1
12/09/2006	1376 Autumn	7.52	69.2
21/09/2006	47573 Autumn	6.20	19.2
08/09/2006	48915 Autumn	7.37	68.0

07/11/2006	69622 Autumn	7.67	75.9
18/10/2006	53167 Autumn	6.79	43.8
07/09/2006	67332 Autumn	7.71	79.3
02/11/2006	53132 Autumn	7.22	56.7
07/11/2006	47389 Autumn	6.77	45.2
11/10/2006	1279 Autumn	7.40	65.8
07/09/2006	1341 Autumn	8.08	82.4
25/09/2006	68344 Autumn	7.38	60.0
16/10/2006	52936 Autumn	6.25	11.5
06/10/2006	52004 Autumn	6.53	31.7
07/09/2006	9771 Autumn	7.58	61.3
09/11/2006	7765 Autumn	7.22	56.6
01/11/2006	52656 Autumn	7.00	50.0
13/10/2006	43325 Autumn	6.23	25.0
03/11/2006	53244 Autumn	7.63	68.0
11/10/2006	1865 Autumn	6.08	25.9
16/10/2006	1904 Autumn	6.93	45.5
20/10/2006	43751 Autumn	7.15	49.3
13/11/2006	53739 Autumn	6.87	46.4
18/09/2006	55398 Autumn	6.76	37.0
30/11/2006	68693 Autumn	6.67	47.1
19/09/2006	10838 Autumn	7.89	100.0
17/10/2006	2071 Autumn	5.69	9.3
19/09/2006	10904 Autumn	7.71	76.6
14/09/2006	8906 Autumn	7.38	66.2
29/09/2006	50020 Autumn	7.24	65.2
13/10/2006	64528 Autumn	7.40	64.1
22/09/2006	8838 Autumn	6.83	55.0
09/11/2006	53156 Autumn	6.42	22.9
21/09/2006	10075 Autumn	7.59	61.2
25/10/2006	53033 Autumn	7.89	80.0
11/10/2006	1094 Autumn	6.22	26.3
01/11/2006	47426 Autumn	6.65	35.0
17/10/2006	1800 Autumn	7.68	71.4
02/11/2006	66426 Autumn	6.37	32.3
22/09/2006	8610 Autumn	7.25	53.3
02/11/2006	51643 Autumn	7.41	49.3
16/10/2006	42077 Autumn	6.56	37.9
28/09/2006	1895 Autumn	8.09	88.6
11/09/2006	64252 Autumn	8.37	88.6
14/09/2006	9435 Autumn	7.56	66.0
08/09/2006	64971 Autumn	6.80	44.6
31/10/2006	10917 Autumn	6.75	44.7
09/10/2006	54689 Autumn	6.50	36.4

05/10/2006	47388 Autumn	7.38	56.7
30/11/2006	52844 Autumn	6.67	35.5
15/11/2006	52127 Autumn	7.55	67.5
13/10/2006	53615 Autumn	6.11	26.1
18/10/2006	10732 Autumn	7.93	74.5
11/10/2006	55857 Autumn	6.75	36.8
23/11/2006	47338 Autumn	6.80	39.1
14/11/2006	1674 Autumn	7.36	59.0
08/09/2006	9508 Autumn	7.65	78.6
16/11/2006	69344 Autumn	6.46	32.1
21/09/2006	50988 Autumn	6.43	26.5
07/09/2006	9755 Autumn	7.76	80.0
21/11/2006	53967 Autumn	5.67	5.0
18/09/2006	9410 Autumn	8.09	83.0
29/09/2006	66508 Autumn	6.92	41.7
27/09/2006	64605 Autumn	7.68	68.6
21/09/2006	43104 Autumn	7.46	70.4
07/09/2006	10138 Autumn	7.52	65.2
20/09/2006	67439 Autumn	6.60	35.0
19/10/2006	239 Autumn	7.80	68.8
11/10/2006	1863 Autumn	7.58	70.8
02/10/2006	65317 Autumn	7.95	78.6
03/10/2006	1245 Autumn	7.44	57.5
09/11/2006	53715 Autumn	7.19	60.0
13/11/2006	67852 Autumn	7.74	68.4
11/10/2006	64706 Autumn	6.05	14.3
04/10/2006	47692 Autumn	6.20	9.1
24/11/2006	51204 Autumn	8.21	81.8
27/09/2006	9147 Autumn	6.46	27.5
21/09/2006	8743 Autumn	7.43	65.3
16/10/2006	1889 Autumn	7.48	57.4
24/10/2006	67757 Autumn	7.73	60.7
18/09/2006	9397 Autumn	7.79	77.6
19/09/2006	10835 Autumn	7.58	71.7
13/09/2006	10784 Autumn	8.27	75.0
02/11/2006	67986 Autumn	6.86	37.5
20/10/2006	50591 Autumn	7.22	51.6
07/11/2006	65135 Autumn	7.65	75.0
26/09/2006	8773 Autumn	7.17	53.7
05/10/2006	1944 Autumn	6.09	30.8
25/09/2006	68346 Autumn	7.27	40.0
25/10/2006	48069 Autumn	7.24	54.2
02/11/2006	49298 Autumn	7.17	54.5
21/09/2006	65110 Autumn	8.06	82.5

18/10/2006	64961 Autumn	7.00	55.0
17/10/2006	1803 Autumn	7.38	62.0
20/09/2006	51136 Autumn	7.50	67.9
31/10/2006	10240 Autumn	6.80	38.5
18/10/2006	42722 Autumn	7.21	55.3
19/09/2006	10844 Autumn	8.54	83.3
12/09/2006	10534 Autumn	7.08	46.3
19/09/2006	9514 Autumn	7.52	64.0
02/10/2006	65343 Autumn	7.44	72.2
02/11/2006	67890 Autumn	7.68	71.7
29/09/2006	47 Autumn	6.56	26.1
17/10/2006	9207 Autumn	7.17	26.1
16/10/2006	64268 Autumn	7.22	56.0
09/10/2006	8979 Autumn	7.69	67.4
06/11/2006	64469 Autumn	7.62	76.5
04/10/2006	124 Autumn	6.75	33.3
02/10/2006	8763 Autumn	7.10	41.7
12/09/2006	64841 Autumn	7.11	43.5
16/10/2006	43321 Autumn	6.72	29.4
06/09/2006	190 Autumn	7.96	75.6
18/09/2006	9414 Autumn	8.05	81.8
13/09/2006	9340 Autumn	7.16	52.8
02/10/2006	64255 Autumn	7.65	73.9
08/09/2006	9485 Autumn	8.21	78.6
15/09/2006	10042 Autumn	7.77	68.3
09/11/2006	52690 Autumn	6.21	31.7
13/09/2006	10799 Autumn	7.70	60.0
18/09/2006	9409 Autumn	7.69	67.8
14/09/2006	8964 Autumn	7.60	75.9
15/09/2006	439 Autumn	7.78	75.0
02/11/2006	53990 Autumn	7.63	66.1
07/09/2006	10116 Autumn	7.68	71.1
13/09/2006	10758 Autumn	8.00	77.8
19/09/2006	10841 Autumn	7.63	64.6
09/11/2006	1704 Autumn	7.08	44.4
19/09/2006	10860 Autumn	7.67	63.2
24/10/2006	975 Autumn	6.00	7.7
25/09/2006	10703 Autumn	7.59	78.9
08/11/2006	53215 Autumn	7.59	58.7
13/11/2006	67853 Autumn	8.10	81.1
02/11/2006	49752 Autumn	7.43	63.3
01/11/2006	68119 Autumn	6.73	33.3
30/11/2006	48442 Autumn	6.89	42.3
11/09/2006	9747 Autumn	7.35	64.2

07/11/2006	52481 Autumn	5.38	4.3
21/11/2006	55250 Autumn	7.32	50.0
07/09/2006	68685 Autumn	7.00	42.9
16/10/2006	54871 Autumn	7.08	48.8
05/10/2006	1352 Autumn	7.00	47.7
05/10/2006	63584 Autumn	7.46	68.1
14/09/2006	8955 Autumn	7.29	56.9
16/10/2006	54869 Autumn	7.21	58.1
03/11/2006	67488 Autumn	6.78	29.2
08/09/2006	69181 Autumn	6.95	46.5
28/09/2006	1892 Autumn	7.56	56.1
20/10/2006	51754 Autumn	6.81	41.2
05/09/2006	9590 Autumn	7.64	63.6
27/11/2006	69122 Autumn	7.12	46.3
01/11/2006	50840 Autumn	6.13	23.1
13/10/2006	49689 Autumn	6.70	32.4
13/09/2006	64689 Autumn	8.47	87.5
20/10/2006	51392 Autumn	7.06	47.9
17/10/2006	1822 Autumn	7.75	72.5
06/11/2006	67826 Autumn	6.75	47.6
21/09/2006	51780 Autumn	6.64	32.1
06/11/2006	65279 Autumn	7.07	50.0
13/09/2006	65698 Autumn	8.00	88.9
03/11/2006	67777 Autumn	7.77	56.7
29/09/2006	48267 Autumn	7.69	63.0
03/11/2006	67545 Autumn	6.47	41.2
22/09/2006	64165 Autumn	7.48	69.6
20/09/2006	51716 Autumn	6.53	33.3
02/11/2006	67804 Autumn	7.69	72.0
05/10/2006	63682 Autumn	7.71	73.7
24/10/2006	8314 Autumn	7.62	64.9
18/09/2006	9422 Autumn	7.47	58.5
21/09/2006	9546 Autumn	7.76	73.8
13/09/2006	170 Autumn	7.15	41.7
21/09/2006	65391 Autumn	6.53	25.9
26/10/2006	10992 Autumn	7.60	60.3
19/10/2006	7662 Autumn	7.00	47.4
19/09/2006	9465 Autumn	7.57	68.9
20/10/2006	50590 Autumn	7.05	46.3
19/09/2006	9355 Autumn	6.94	44.9
12/09/2006	64262 Autumn	7.67	75.6
19/09/2006	9689 Autumn	7.69	68.5
26/09/2006	8786 Autumn	7.48	72.0
26/10/2006	10984 Autumn	7.61	66.1

18/09/2006	9332 Autumn	7.33	54.0
06/11/2006	43753 Autumn	6.58	35.0
02/11/2006	53992 Autumn	7.70	63.8
08/11/2006	53858 Autumn	7.19	58.7
22/11/2006	67125 Autumn	6.00	12.5
07/11/2006	55576 Autumn	6.53	29.4
30/11/2006	67606 Autumn	6.94	50.0
18/09/2006	55022 Autumn	5.81	9.1
09/11/2006	7821 Autumn	6.69	35.1
22/09/2006	8808 Autumn	7.53	72.7
16/11/2006	65669 Autumn	6.86	43.8
21/09/2006	9533 Autumn	7.64	69.9
18/10/2006	10787 Autumn	7.27	61.1
13/09/2006	9506 Autumn	8.05	72.5
21/09/2006	65379 Autumn	7.90	72.5
31/10/2006	51064 Autumn	5.91	21.3
03/11/2006	65126 Autumn	8.00	83.8
12/09/2006	8845 Autumn	7.50	66.7
02/11/2006	53955 Autumn	6.50	29.8
08/09/2006	67809 Autumn	7.25	50.0
18/09/2006	2030 Autumn	7.67	71.4
17/10/2006	7755 Autumn	6.53	34.1
14/09/2006	8965 Autumn	7.09	59.2
06/09/2006	10897 Autumn	7.73	83.3
12/09/2006	8858 Autumn	7.78	78.4
06/09/2006	9724 Autumn	7.72	64.0
02/11/2006	314 Autumn	7.52	68.4
09/11/2006	8342 Autumn	8.00	61.3
09/10/2006	48434 Autumn	7.12	53.6
07/09/2006	68750 Autumn	7.64	68.8
21/09/2006	63619 Autumn	7.35	62.0
07/09/2006	8889 Autumn	7.79	70.3
13/09/2006	53704 Autumn	7.22	50.0
02/11/2006	66178 Autumn	7.80	84.6
27/09/2006	64314 Autumn	7.79	75.9
11/09/2006	64031 Autumn	7.65	71.1
09/11/2006	52710 Autumn	7.70	75.5
02/11/2006	53222 Autumn	7.85	63.9
28/09/2006	1836 Autumn	7.59	66.7
18/10/2006	43289 Autumn	6.89	48.6
06/11/2006	53768 Autumn	8.50	84.2
23/10/2006	55814 Autumn	6.00	11.1
13/09/2006	9554 Autumn	8.67	82.1
26/09/2006	66784 Autumn	7.73	69.6

10/10/2006	65793 Autumn	7.64	76.2
01/11/2006	65307 Autumn	7.57	70.0
27/09/2006	1407 Autumn	7.31	56.5
10/10/2006	63387 Autumn	7.30	55.0
08/09/2006	65984 Autumn	7.93	77.2
19/09/2006	1342 Autumn	7.58	72.7
02/11/2006	65408 Autumn	7.24	49.1
11/09/2006	63686 Autumn	7.75	66.7
25/09/2006	65507 Autumn	7.39	62.9
02/10/2006	65293 Autumn	7.57	65.8
07/11/2006	68002 Autumn	8.00	80.8
08/09/2006	9276 Autumn	7.85	81.8
20/09/2006	47257 Autumn	7.77	71.8
02/11/2006	67830 Autumn	7.55	72.2
17/10/2006	1947 Autumn	6.33	29.2
05/10/2006	52693 Autumn	6.45	31.8
15/09/2006	10714 Autumn	7.96	79.2
09/11/2006	35489 Autumn	7.00	43.3
06/09/2006	9726 Autumn	7.56	77.8
12/09/2006	64127 Autumn	6.92	50.0
13/09/2006	65395 Autumn	8.05	79.4
24/11/2006	48389 Autumn	7.31	57.9
11/09/2006	66614 Autumn	8.33	84.6
10/10/2006	64141 Autumn	7.58	76.2
02/11/2006	52698 Autumn	6.27	29.6
17/10/2006	1821 Autumn	7.36	67.5
03/11/2006	69030 Autumn	8.64	88.6
19/09/2006	1997 Autumn	8.05	75.0
27/09/2006	64609 Autumn	7.77	76.2
11/09/2006	9656 Autumn	7.71	63.2
22/09/2006	63621 Autumn	7.80	76.1
07/09/2006	10105 Autumn	7.63	74.5
30/11/2006	47372 Autumn	8.13	82.8
03/11/2006	110 Autumn	7.80	71.8
18/10/2006	10757 Autumn	7.82	64.4
22/09/2006	67938 Autumn	7.80	80.0
06/11/2006	50766 Autumn	7.65	78.6
09/11/2006	51401 Autumn	8.08	73.3
03/10/2006	67726 Autumn	7.42	68.8
29/09/2006	68147 Autumn	7.91	68.2
17/11/2006	66889 Autumn	6.65	28.9
27/09/2006	64525 Autumn	7.75	69.0
11/09/2006	66376 Autumn	8.18	82.1
06/11/2006	67827 Autumn	7.23	50.0

06/09/2006	9674 Autumn	7.68	67.4
26/10/2006	35225 Autumn	6.90	41.5
27/11/2006	67429 Autumn	7.55	58.1
21/09/2006	10871 Autumn	7.50	84.6
25/10/2006	49830 Autumn	7.44	66.7
26/09/2006	68052 Autumn	7.65	64.9
30/11/2006	67200 Autumn	7.20	57.1
31/10/2006	47425 Autumn	7.48	63.2
06/11/2006	65278 Autumn	7.05	48.6
11/09/2006	68300 Autumn	8.27	88.9
18/09/2006	65421 Autumn	7.68	73.8
15/09/2006	1303 Autumn	7.94	83.9
13/09/2006	63684 Autumn	8.05	77.3
15/09/2006	396 Autumn	7.55	82.4
25/09/2006	65320 Autumn	7.82	73.1
18/10/2006	53815 Autumn	6.36	34.5
29/09/2006	1118 Autumn	7.47	59.7
10/10/2006	1857 Autumn	7.53	72.1
12/09/2006	66050 Autumn	7.52	66.7
13/09/2006	10761 Autumn	7.62	67.3
19/09/2006	9659 Autumn	8.44	75.0
12/09/2006	65477 Autumn	7.13	53.2
31/10/2006	49738 Autumn	7.50	72.0
03/11/2006	68139 Autumn	7.94	71.0
02/10/2006	1127 Autumn	8.20	79.6
04/10/2006	68299 Autumn	7.62	64.7
11/09/2006	65361 Autumn	7.67	72.2
13/11/2006	68037 Autumn	7.60	82.6
19/09/2006	9617 Autumn	8.09	79.6
08/09/2006	9273 Autumn	7.94	68.6
08/11/2006	53810 Autumn	8.00	71.8
13/11/2006	67783 Autumn	6.80	30.4
06/09/2006	9720 Autumn	8.11	71.9
03/10/2006	1003 Autumn	6.70	40.0
22/09/2006	65288 Autumn	8.24	91.3
18/09/2006	67541 Autumn	7.67	71.7
06/09/2006	1181 Autumn	7.46	59.6
06/09/2006	9677 Autumn	8.53	83.0
28/09/2006	65200 Autumn	7.07	58.9
06/11/2006	65655 Autumn	7.56	56.8
07/11/2006	69454 Autumn	6.89	47.6
24/10/2006	67803 Autumn	7.70	72.3
25/09/2006	10702 Autumn	7.55	67.3
09/09/2006	64122 Autumn	8.20	90.0

14/09/2006	9304 Autumn	7.71	84.0
18/09/2006	1010 Autumn	6.73	42.9
14/09/2006	9287 Autumn	7.94	89.7
09/10/2006	64335 Autumn	8.39	87.5
07/11/2006	9476 Autumn	6.20	30.6
13/09/2006	65228 Autumn	7.64	70.8
13/09/2006	1379 Autumn	7.07	50.0
18/10/2006	10753 Autumn	7.43	70.3
12/09/2006	67456 Autumn	7.82	77.8
12/10/2006	35336 Autumn	7.24	55.4
06/09/2006	68779 Autumn	8.19	79.4

E-PSI(fam) (1dp)	EPSI (fam69) (1dp)	WHPT-ASPT (2dp)	O:E WHPT-ASPT (2dp)
23.1	17.4	4.25	1.02
33.8	29.0	4.05	0.97
33.8	24.6	3.77	0.91
37.4	35.0	3.90	0.93
13.8	10.9	3.44	0.82
74.2	70.8	5.09	1.01
32.9	27.6	3.69	0.89
29.8	24.2	3.95	0.95
24.6	24.2	3.39	0.80
76.7	70.7	4.74	0.82
46.4	32.1	4.38	1.04
56.4	54.1	4.14	0.86
46.2	38.1	4.89	0.97
58.6	49.4	4.46	0.91
0.0	0.0	3.40	0.72
70.0	62.6	4.88	0.96
61.0	56.9	5.19	1.05
61.5	62.5	3.83	0.77
31.9	22.8	4.19	0.84
44.0	35.0	3.96	0.95
72.6	56.5	5.10	1.05
21.4	9.3	3.76	0.90
19.1	6.4	4.07	0.95
48.4	42.3	4.34	0.86
74.4	67.4	5.31	1.18
60.6	45.9	4.57	0.94
24.5	22.8	4.11	0.86
27.6	27.1	3.25	0.67
51.7	33.8	4.03	0.75
67.3	56.3	4.07	0.82
79.7	75.7	5.19	0.83
60.3	61.2	4.26	0.93
65.4	57.9	4.26	0.86
58.9	53.2	3.90	0.78
94.1	94.0	6.74	1.05
19.3	14.6	3.87	0.93
34.2	31.0	3.75	0.90
68.4	60.1	5.27	1.04
42.3	34.5	4.64	0.98

73.2	68.4	5.14	1.02
17.3	7.6	3.34	0.67
41.5	35.6	3.73	0.90
74.2	73.1	4.90	0.99
36.0	23.9	3.57	0.70
39.0	33.6	4.15	0.89
35.6	30.7	4.00	0.79
66.8	60.8	5.77	1.08
56.9	31.4	5.04	0.99
63.7	54.0	4.65	0.96
66.9	59.6	5.39	1.06
42.6	28.4	4.17	0.83
32.7	23.5	3.79	0.91
39.7	28.6	4.38	0.87
49.2	39.5	5.14	0.99
50.5	0.0	4.48	0.89
76.6	76.3	5.10	0.96
33.0	30.2	3.47	0.70
50.5	42.9	4.12	0.80
94.5	91.4	4.55	0.92
74.7	72.1	5.46	1.08
40.0	14.6	4.34	0.95
58.0	50.6	4.44	0.76
14.0	17.1	3.67	0.73
33.8	16.4	4.11	0.80
47.3	25.3	4.28	0.85
42.4	29.7	4.54	0.91
81.0	80.6	5.35	1.04
18.7	18.7	3.37	0.59
51.3	36.0	4.65	0.96
48.1	27.2	4.83	0.91
65.7	50.4	4.57	0.91
57.7	37.9	4.06	0.77
71.7	64.7	5.54	0.94
70.6	64.2	5.50	1.06
97.5	96.4	7.34	1.13
73.1	59.9	4.94	0.90
49.1	38.8	4.45	0.78
42.3	13.7	4.47	0.89
54.1	0.0	3.51	0.67
0.0	0.0	2.85	0.66
30.2	14.5	4.86	0.97
45.0	39.1	4.08	0.91
53.3	49.1	4.30	0.84

67.2	54.9	4.19	0.82
27.6	23.1	3.17	0.74
51.5	23.9	4.41	0.87
21.0	0.0	4.14	0.93
82.9	74.4	5.13	0.96
96.5	94.5	7.03	1.11
93.0	93.1	6.30	1.00
45.1	31.6	4.85	0.90
30.9	27.2	3.45	0.70
96.0	97.1	7.89	1.14
60.0	58.8	4.98	0.97
47.3	45.5	4.20	0.78
93.4	93.1	6.41	1.06
93.0	91.2	6.46	1.06
90.3	88.8	6.58	1.11
52.0	49.0	4.47	0.89
59.4	50.4	5.35	0.91
61.3	52.4	5.35	1.06
56.2	47.0	5.07	0.93
58.1	42.0	4.71	1.05
66.1	55.1	4.86	0.96
16.3	18.5	4.10	0.77
63.5	60.7	4.38	0.79
14.4	0.0	3.45	0.68
75.0	68.9	5.62	1.09
57.2	39.0	4.89	0.98
71.7	54.4	5.50	1.07
75.9	69.7	5.69	1.08
26.2	0.0	3.85	0.73
89.8	89.2	6.69	1.04
26.6	16.1	3.82	0.72
45.9	30.3	4.28	0.95
81.0	82.7	4.94	0.99
71.8	73.2	5.27	0.87
34.8	21.9	3.97	0.80
59.9	53.5	4.18	0.81
88.1	87.5	6.43	1.11
81.3	76.8	5.87	1.19
69.3	61.0	5.48	0.98
39.3	24.3	4.05	0.80
92.0	89.7	7.50	1.11
33.8	39.5	4.69	0.97
58.9	53.2	3.90	0.77
67.8	63.9	5.16	0.99

69.7	58.8	5.59	1.08
35.2	26.8	3.88	0.83
72.4	62.2	4.98	0.97
44.6	31.3	4.63	0.75
45.8	50.4	3.55	0.71
76.3	69.4	3.85	0.77
8.8	0.0	3.46	0.58
43.7	30.2	3.91	0.86
68.8	64.7	5.03	0.89
71.2	68.0	5.00	0.91
69.2	64.9	5.49	0.98
76.2	77.4	5.86	1.11
67.2	56.3	4.70	0.90
19.5	7.5	4.23	0.91
58.3	52.0	4.84	0.94
39.8	42.1	3.89	0.76
53.0	52.4	4.40	0.85
75.3	63.0	3.99	0.68
87.0	85.3	6.75	1.13
65.3	56.5	4.44	0.84
32.8	17.8	3.58	0.69
14.7	22.6	3.17	0.70
51.4	54.0	3.77	0.61
69.6	67.7	5.03	0.98
66.2	66.2	4.62	0.88
93.6	91.9	6.96	1.07
29.1	0.0	3.45	0.72
84.8	80.3	6.00	1.05
61.7	54.6	4.77	0.91
52.2	17.6	4.82	0.96
12.5	14.5	3.16	0.63
77.1	75.5	4.21	0.71
74.7	70.5	5.57	0.97
65.3	66.1	4.80	0.82
77.7	73.9	5.03	0.96
38.5	36.6	3.98	0.75
63.3	18.7	4.61	0.92
83.8	80.3	5.56	1.10
47.9	35.4	4.19	0.82
46.9	50.7	3.14	0.60
71.8	66.5	5.65	1.11
35.6	39.1	3.70	0.66
70.1	71.9	4.23	0.82
70.8	61.7	5.04	0.99

47.8	34.2	3.30	0.57
66.4	35.3	5.20	0.88
90.1	89.9	5.35	1.03
48.3	39.7	4.58	0.90
80.6	75.7	5.45	1.07
71.7	67.3	5.25	1.03
100.0	100.0	6.88	1.00
61.2	53.4	5.62	1.16
86.5	79.1	5.90	0.97
100.0	100.0	7.83	1.09
83.7	80.4	6.44	1.25
85.5	83.9	6.79	1.08
28.8	0.0	3.76	0.84
71.7	68.5	4.74	0.95
29.0	23.2	4.20	0.80
52.4	41.6	5.06	1.07
23.9	22.7	5.15	0.98
70.4	61.6	5.48	1.07
32.8	23.5	3.68	0.64
64.8	53.2	5.02	1.01
74.2	56.3	4.20	0.82
55.6	42.1	3.42	0.65
67.9	65.6	4.84	0.83
91.2	88.9	6.85	1.05
91.6	76.2	6.15	1.02
84.8	85.7	6.06	1.17
24.4	0.0	4.08	0.80
82.1	75.0	5.57	1.03
51.9	40.7	4.36	0.87
55.2	45.6	4.82	0.86
81.6	76.4	6.07	1.03
60.6	46.3	3.94	0.78
64.0	48.8	5.19	0.99
51.3	26.7	4.05	0.80
80.2	81.2	5.60	1.01
51.9	45.8	4.96	0.99
37.0	33.6	3.48	0.66
66.0	65.5	4.72	0.90
88.2	83.1	6.25	1.16
84.1	82.0	5.95	1.10
70.0	70.1	4.36	0.85
44.0	34.9	3.78	0.65
30.6	18.5	4.53	0.95
77.1	73.3	4.06	0.64

74.3	59.5	4.63	0.86
73.9	67.3	5.57	1.08
70.6	62.4 Not available	Not available	
59.9	60.6	4.15	0.80
63.6	65.8	3.57	0.66
58.5	50.3	4.13	0.82
59.2	53.6	5.18	0.98
60.4	50.8	4.74	0.91
75.2	66.2	3.76	0.73
60.7	60.8	5.92	0.92
41.2	30.6	5.08	0.97
0.0	0.0	2.97	0.47
86.6	93.5	4.33	0.87
68.4	63.6	5.44	0.91
87.7	72.4	6.72	1.07
75.4	71.5	4.49	0.81
85.8	81.9	6.47	1.01
51.9	52.4	4.49	0.89
51.9	50.8	5.78	0.98
66.5	55.9	4.37	0.84
76.5	75.5	6.21	1.03
55.5	50.9	4.31	0.85
57.9	52.3	4.26	0.83
78.6	70.9	4.76	0.93
66.7	66.6	4.73	0.75
66.0	63.6	3.85	0.75
75.0	68.5	5.89	1.10
88.2	81.3	4.99	0.92
27.9	9.3	4.50	0.83
71.4	66.1	5.01	0.92
12.1	12.8	4.16	0.70
36.3	26.5	4.32	0.85
86.9	72.2	5.83	0.98
55.6	38.5	4.19	0.92
84.8	84.0	5.63	0.98
66.0	62.8	3.81	0.73
64.8	59.8	4.20	0.75
91.4	88.2	6.20	1.19
47.6	36.6	3.67	0.70
34.8	22.7	4.48	0.82
61.6	51.7	4.48	0.88
85.1	83.7	6.54	1.12
77.1	73.9	4.22	0.76
93.3	90.7	7.01	1.06

86.9	87.4	6.43	0.95
89.1	86.3	6.65	1.01
72.9	76.7	5.36	0.91
74.9	68.5	4.62	0.89
88.7	89.9	4.76	0.95
8.4	10.2	3.12	0.60
98.9	99.9	5.85	1.04
65.3	59.8	5.91	1.17
67.6	66.3	5.85	0.95
57.9	60.5	3.34	0.55
82.4	80.6	5.26	1.01
49.9	27.9	3.95	0.75
61.9	59.6	5.14	0.96
52.0	42.0	4.69	0.90
53.8	47.5	4.81	0.90
50.0	39.7	4.79	0.89
53.7	46.8	3.87	0.68
52.4	49.3	4.21	0.82
95.1	84.6	6.57	1.08
82.9	78.7	5.97	1.11
94.2	93.2	6.37	0.99
61.1	66.7	3.78	0.62
51.4	39.5	4.65	0.90
79.6	74.7	4.94	0.96
83.2	80.9	6.04	1.00
37.8	32.9	4.35	0.82
92.2	93.4	6.95	1.16
80.6	67.6	4.22	0.83
53.3	50.4	4.39	0.83
65.5	61.6	5.22	1.01
82.1	83.0	5.87	0.87
27.3	0.0	4.82	1.06
76.6	77.2	4.18	0.68
74.6	68.9	5.31	1.01
61.1	56.0	5.13	0.87
54.5	42.7	4.98	0.95
55.7	54.9	4.09	0.80
92.1	92.1	6.54	1.01
62.3	57.1	4.46	0.81
71.2	69.4	4.74	0.83
67.2	47.5	4.01	0.88
76.8	72.4	5.98	1.13
86.6	82.9	6.10	1.15
48.7	16.1	4.57	0.85

48.5	25.4	4.51	0.85
77.0	67.3	5.81	1.03
50.8	0.0	3.72	0.60
14.6	16.9	2.69	0.42
98.2	78.1	7.35	1.11
57.9	41.9	3.86	0.77
86.6	91.7	4.15	0.73
63.8	60.5	5.19	0.95
93.5	92.0	7.10	1.09
45.7	42.9	4.49	0.85
94.7	95.4	6.95	0.99
90.7	73.3	6.59	1.05
33.9	0.0	3.26	0.63
99.9	99.9	6.39	0.97
76.1	70.3	5.33	1.01
35.2	31.3	4.01	0.86
54.0	45.9	4.89	0.91
89.1	89.0	5.92	1.12
75.6	70.8	5.86	0.97
78.8	83.4	6.16	0.91
83.3	75.9	5.38	1.04
83.4	86.0	6.04	0.90
41.5	21.8	3.40	0.65
81.9	79.4	5.58	0.84
83.1	78.9	5.30	0.95
83.5	83.1	5.23	1.02
75.3	74.9	5.37	0.82
70.0	27.7	5.18	1.13
73.0	71.6	5.45	0.88
39.3	38.0	3.70	0.69
61.7	53.2	4.88	0.94
68.6	61.7	4.79	0.91
78.5	77.6	5.77	0.90
28.3	30.8	3.80	0.67
82.5	74.6	3.90	0.61
25.2	13.7	3.39	0.63
71.1	66.8	5.52	0.94
84.2	80.7	5.96	0.94
52.2	32.5	4.88	0.94
65.4	73.0	4.20	0.71
48.5	24.3	4.56	0.99
98.6	98.2	6.80	0.98
92.9	92.7	6.37	0.92
85.1	79.6	6.05	1.16

58.9	57.6	3.11	0.60
90.0	89.0	6.04	0.94
63.4	54.7	5.11	0.95
47.0	23.7	3.44	0.67
85.8	86.4	5.83	0.90
73.1	74.9	5.03	1.01
83.6	85.0	4.90	0.95
92.1	93.5	7.01	1.13
66.9	64.1	4.92	0.94
77.0	78.4	6.03	1.16
71.1	67.5	4.54	0.89
64.0	59.2	4.74	0.91
77.5	78.2	5.50	0.93
76.4	70.4	4.10	0.81
73.3	73.6	5.07	0.83
73.3	67.2	4.68	0.89
33.4	17.7	3.92	0.77
47.9	53.2	3.29	0.59
66.1	56.8	4.98	0.95
49.9	48.1	3.75	0.59
61.5	53.2	4.21	0.80
50.4	42.0	4.37	0.83
61.4	53.4	4.89	0.95
41.3	32.3	4.47	0.88
82.7	85.0	5.56	1.06
85.4	81.6	6.13	1.16
87.2	82.9	5.75	1.11
69.3	61.3	4.92	0.75
56.9	56.3	3.56	0.66
92.1	91.4	6.44	0.97
87.8	86.4		
80.3	79.5	5.73	0.90
38.1	43.6	3.58	0.62
85.1	86.0	5.95	0.96
85.2	82.1	6.11	0.94
51.5	35.3	4.10	0.98
70.7	74.1	4.30	0.74
46.3	36.5	3.55	0.71
79.6	78.5	5.79	0.85
86.4	89.7	5.27	1.02
71.0	67.4	4.21	0.83
72.2	68.2	4.13	0.73
59.4	43.1	4.92	0.88
67.9	61.9	5.78	1.09

74.7	71.3	5.81	1.01
91.2	89.8	7.03	1.01
70.7	64.3	5.84	1.11
83.8	83.7	4.93	0.80
49.0	45.1	3.59	0.71
83.5	81.5	4.41	0.81
90.7	92.7	4.93	0.76
85.2	85.7	5.73	1.09
77.2	71.4	5.17	1.00
72.0	66.8	5.79	1.03
88.5	85.3	6.47	1.02
75.3	73.7	5.51	1.06
45.4	39.4	4.13	0.75
95.4	95.0	6.87	1.00
90.5	88.4	6.79	1.00
96.1	96.2	7.49	1.08
73.0	69.4	5.83	1.13
76.4	75.5	4.71	0.81
95.3	95.0	6.13	0.87
80.6	73.5	4.19	0.69
38.8	23.6	3.13	0.61
89.6	86.3	6.22	1.07
80.2	78.0	6.41	1.21
79.7	81.6	5.41	1.04
88.3	85.0	6.85	1.07
87.6	85.2	6.98	1.03
70.4	67.9	5.52	1.03
52.0	34.0	4.48	0.86
64.9	62.8	5.50	1.03
78.5	67.3	3.90	0.74
32.3	17.1	3.61	0.55
73.8	74.0	5.78	1.07
91.4	87.5	6.46	1.14
81.6	77.6	5.78	1.08
94.5	93.8	6.56	0.99
96.0	96.4	6.69	0.98
60.3	48.3	5.07	0.96
86.2	88.2	4.68	0.75
71.9	65.5	5.08	0.97
56.2	44.7	4.91	0.93
58.1	47.4	4.71	0.91
86.3	85.8	5.88	0.84
57.8	30.5	5.06	0.97
90.2	87.7	6.34	0.98

99.9	100.0	6.82	1.07
78.3	75.8	4.61	0.86
96.2	95.6	6.28	0.89
85.0	84.3	5.40	1.04
78.2	77.8	3.99	0.75
87.4	87.3	5.98	1.09
93.6	92.4	7.22	1.15
84.6	86.1	5.29	0.81
33.9	18.5	3.75	0.73
65.8	68.0	4.05	0.77
86.0	72.2	6.23	0.95
79.8	72.1	5.90	1.13
72.6	67.5	4.74	0.91
48.2	44.6	4.24	0.67
89.9	89.1	5.92	0.91
59.9	41.9	4.81	0.78
80.1	77.2	4.98	0.94
73.3	73.0	5.15	0.97
70.9	73.7	4.66	0.85
66.5	58.1	5.40	1.03
75.4	76.3	5.32	0.87
100.0	100.0	6.98	1.05
24.1	0.0	3.40	0.64
89.0	83.8	6.94	1.04
88.8	88.4	6.55	0.97
87.1	83.3	6.42	1.01
80.7	61.9	5.98	0.90
85.8	75.5	5.19	0.81
60.7	53.2	4.40	0.85
83.1	81.2	6.37	0.96
99.1	83.3	6.90	1.04
61.4	60.7	3.83	0.64
69.4	67.0	4.25	0.76
90.7	88.2	6.66	1.05
65.6	62.5	4.66	0.73
78.9	73.9	5.55	1.03
78.3	78.4	5.71	0.92
79.2	69.8	6.15	1.02
100.0	100.0	7.45	1.10
100.0	100.0	7.23	1.09
87.0	88.8	6.17	0.97
74.2	68.5	5.64	0.85
77.3	74.3	5.55	1.01
62.8	68.9	3.80	0.72

82.6	80.4	5.11	0.96
58.6	48.8	4.29	0.81
83.2	79.2	6.30	1.02
57.8	69.4	3.18	0.62
88.6	86.4	7.02	1.05
69.4	70.6	3.52	0.68
61.9	47.8	4.03	0.64
86.8	84.1	5.97	0.90
90.4	76.9	6.63	0.96
52.6	59.5	3.25	0.61
58.5	56.5	3.98	0.70
94.2	83.3	6.64	1.00
22.4	0.0	3.57	0.67
99.4	99.9	6.95	1.04
68.8	63.3	4.34	0.69
90.7	71.0	6.45	1.03
92.9	91.7	5.38	0.91
88.6	88.0	6.39	0.97
73.9	65.0	4.34	0.82
90.3	88.3	6.95	1.14
90.1	88.3	4.71	0.79
97.5	98.3	6.81	1.02
90.5	90.3	5.51	0.80
80.5	77.7	5.62	1.10
95.1	95.8	6.02	0.96
38.2	29.0	3.98	0.81
57.5	0.0	3.03	0.55
99.9	100.0	7.34	1.09
53.4	44.9	5.01	1.01
88.8	83.9	6.89	1.03
82.9	80.1	6.12	0.96
81.1	82.8	5.34	1.04
95.4	94.7	6.77	1.08
92.5	90.7	7.03	1.06
93.9	91.9	7.15	1.14
65.5	67.2	4.22	0.67
79.8	79.4	5.91	1.01
95.7	96.4	7.01	1.12
74.3	68.1	6.10	0.92
69.9	78.0	4.19	0.66
79.0	73.2	4.81	0.70
91.3	63.0	6.24	0.91
82.9	86.4	6.18	0.96
97.8	98.1	6.46	0.99

86.3	83.6	6.12	0.96
86.8	83.9	6.56	0.98
87.4	84.9	6.88	1.02
69.0	59.6	5.30	0.98
74.9	76.3	5.17	0.98
96.1	94.4	6.22	0.93
71.8	65.4	5.54	0.99
86.4	72.4	6.42	0.95
93.4	92.4	6.22	0.93
95.2	93.0	6.99	1.01
53.5	53.2	4.03	0.63
51.6	42.7	4.96	0.88
94.8	94.1	5.94	0.85
88.9	86.8	6.54	1.20
93.4	94.0	6.27	1.02
70.8	74.1	4.72	0.72
58.9	49.0	4.68	0.71
68.5	70.4	4.06	0.72
57.8	43.4	4.69	0.78
92.5	90.9	6.92	0.99
96.3	95.9	7.17	1.04
83.1	65.6	5.62	0.86
95.8	95.5	7.24	1.10
97.0	88.9	6.58	1.05
89.4	88.7	6.81	1.02
56.3	54.8	4.18	0.75
72.4	64.9	5.05	0.80
87.0	86.8	6.62	1.03
87.3	84.8	6.94	1.03
96.6	97.9	6.42	0.93
86.3	86.2	5.45	0.83
91.0	89.7	6.51	0.99
100.0	100.0	6.04	0.90
80.3	76.0	6.21	0.93
82.2	77.4	4.73	0.75
74.2	72.8	5.76	0.87
23.9	28.9	3.64	0.67
93.6	91.0	7.29	1.08
79.3	81.5	4.97	0.94
96.7	96.0	6.95	1.04
89.9	69.0	6.57	0.96
70.1	64.5	4.32	0.74
67.7	61.5	4.89	0.91
86.1	85.2	6.43	0.95

14.5	0.0	2.53	0.48
73.4	69.0	5.85	1.13
75.3	74.4	4.46	0.69
73.0	69.0	5.44	1.07
76.3	79.3	5.05	0.82
93.9	73.3	6.22	0.95
80.8	79.8	6.45	0.97
78.5	76.7	5.75	1.13
67.2	61.9	4.23	0.75
68.7	80.3	4.86	0.73
85.7	83.0	6.13	0.91
78.5	74.6	4.70	0.91
89.6	88.4	6.78	1.00
82.9	81.7	4.93	0.71
65.7	57.8	3.72	0.61
55.9	42.0	5.14	0.99
98.2	98.4	7.58	1.09
70.7	67.1	5.79	0.95
99.1	98.3	6.97	1.02
72.9	71.3	4.62	0.78
65.4	59.7	4.46	0.76
79.5	73.9	5.91	0.88
98.5	96.7	7.44	1.05
86.8	87.0	5.11	0.77
85.4	81.8	6.17	1.17
59.1	63.1	4.28	0.67
92.4	94.0	6.43	0.98
68.3	48.0	4.29	0.69
90.3	93.7	5.35	0.77
93.1	74.3	6.86	0.97
87.8	87.7	6.11	1.16
81.6	80.6	6.20	1.07
92.7	82.6	6.56	0.98
75.1	65.7	4.62	0.72
56.7	40.7	5.16	0.95
80.3	60.6	6.46	1.11
81.6	80.2	5.48	0.98
88.6	75.0	6.43	0.95
80.9	77.2	5.43	0.88
70.6	47.5	5.17	0.94
89.3	91.0	6.30	0.90
88.1	71.0	6.40	0.96
83.3	82.3	6.61	1.01
88.7	73.5	6.43	0.99

77.0	80.6	5.61	0.97
65.8	44.2	4.84	0.81
82.2	82.4	6.53	0.97
85.4	84.4	5.82	1.01
32.6	22.6	3.81	0.60
58.7	53.1	4.49	0.86
89.6	90.8	5.49	0.85
24.9	15.2	3.09	0.58
59.1	56.4	4.21	0.80
87.8	86.8	6.63	0.99
80.2	83.3	3.79	0.70
89.4	74.5	6.60	1.02
79.5	81.9	6.18	0.92
96.9	82.1	6.46	0.94
88.9	87.3	6.61	1.01
44.4	22.6	4.37	0.72
99.2	98.1	7.19	1.04
82.6	80.8	6.70	1.00
55.7	57.3	5.42	0.82
69.2	64.1	5.31	1.02
94.2	92.9	5.59	1.10
65.7	62.2	4.44	0.85
81.6	81.3	6.29	0.96
88.9	87.0	6.37	0.95
90.3	89.6	7.12	1.08
86.0	72.0	6.25	0.92
90.2	91.7	6.84	1.06
87.5	87.8	5.34	1.01
89.0	84.6	5.58	0.84
92.2	93.2	6.47	1.01
88.0	88.6	5.96	0.90
82.4	78.8	6.30	0.94
68.4	63.3	4.09	0.73
100.0	96.7	7.29	1.00
93.8	78.4	6.63	0.97
96.3	96.4	6.75	1.01
96.9	98.1	6.09	1.07
87.5	88.6	6.32	0.96
90.6	90.6	6.79	1.06
78.7	69.5	5.23	0.93
99.3	99.9	6.82	0.99
43.2	25.1	3.39	0.62
98.9	97.2	5.99	0.87
87.4	88.4	5.22	0.79

98.5	95.7	6.29	0.86
94.2	92.0	6.90	1.02
84.9	82.0	5.55	0.83
85.8	87.1	5.78	0.91
95.5	94.1	7.23	1.06
92.7	92.2	6.79	1.00
80.1	80.8	4.97	0.80
92.7	91.6	6.35	0.94
89.2	88.0	6.23	0.98
90.2	89.5	6.13	0.91
96.8	97.5	6.31	0.91
99.3	92.6	7.07	1.04
89.6	88.7	6.73	1.01
93.7	94.5	5.84	0.87
62.6	59.7	4.06	0.76
50.0	55.8	3.77	0.71
92.8	92.1	7.28	1.09
76.6	58.7	4.92	1.07
95.6	86.2	6.61	1.01
80.7	79.7	5.62	0.89
94.1	93.5	6.84	1.00
97.4	93.5	6.16	1.16
98.1	100.0	7.74	1.10
97.3	96.7	6.80	1.02
53.0	41.7	3.94	0.73
98.2	99.8	6.73	0.99
100.0	100.0	8.04	1.14
91.9	90.5	6.76	1.05
99.1	83.3	7.36	1.04
87.1	84.3	6.67	1.01
92.9	76.7	6.62	1.00
93.8	92.5	7.28	1.08
97.7	96.5	6.49	1.01
96.1	94.2	6.43	0.89
85.6	83.9	6.66	0.98
97.2	97.6	6.54	0.90
95.7	100.0	6.38	0.98
98.8	96.8	5.78	1.07
92.9	93.3	6.67	1.00
84.9	81.3	6.01	1.01
63.5	59.2	4.86	0.93
91.1	67.5	6.59	0.96
100.0	100.0	7.19	1.09
80.5	80.4	4.60	0.74

89.1	68.2	6.74	1.04
62.1	62.5	5.19	0.98
85.0	85.3	5.80	0.87
100.0	100.0	7.64	1.15
92.9	73.3	6.56	0.95
89.3	89.5	5.77	0.87
89.0	88.3	5.97	0.85
85.8	86.2	6.23	0.91
78.9	72.3	5.80	0.88
99.4	98.6	7.53	1.06
98.0	97.8	7.17	1.01
100.0	100.0	6.83	0.96
97.3	98.3	6.79	0.98
97.4	97.6	6.66	0.92
98.6	95.0	5.79	0.91
66.3	57.8	3.85	0.70
83.9	83.3	6.60	0.99
92.0	90.1	6.45	1.23
95.2	92.1	6.76	0.94
85.6	83.2	6.26	0.93
94.9	93.9	7.25	1.09
85.3	85.0	5.87	0.84
98.6	84.6	6.13	0.89
91.1	91.0	5.65	0.82
99.3	98.4	6.91	0.98
88.3	84.3	6.15	0.86
85.0	80.4	6.22	0.92
95.3	94.5	6.45	0.95
97.2	86.7	7.26	1.06
97.8	82.4	7.28	1.07
88.7	88.5	5.92	0.87
64.5	67.2	4.15	0.69
94.7	80.0	7.30	1.08
70.5	65.8	3.95	0.68
100.0	100.0	7.78	1.07
96.2	96.5	7.08	0.99
81.5	81.5	6.08	0.93
94.8	86.2	7.68	1.13
85.8	50.0	5.54	0.90
86.6	90.0	5.37	0.84
76.4	78.3	4.19	0.70
96.6	96.4	6.30	0.91
88.5	87.0	6.64	0.99
100.0	100.0	7.44	1.01

100.0	83.3	6.80	0.99
61.4	57.3	4.80	0.69
100.0	94.1	7.54	1.11
99.3	98.3	7.43	1.01
72.1	22.2	5.46	0.77
82.6	84.7	5.56	0.89
75.4	70.4	5.67	0.78
93.2	91.6	7.10	1.02
96.2	95.9	7.28	0.99
74.6	66.9	5.62	0.96
99.9	99.9	6.44	0.89

Average fine sediment cover (of spring and autumn visual estima

72.5
86.5
100.0
42.5
35.0
55.0
80.0
100.0
97.5
1.0
22.5
100.0
40.0
40.0
85.0
32.5
80.0
12.5
55.0
95.0
76.5
95.0
75.0
75.0
25.0
99.0
35.0
82.5
45.0
42.5
15.0
85.0
9.0
62.5
7.5
71.5
82.5
22.5
40.0

5.0
35.0
100.0
40.0
60.0
50.0
62.5
37.5
60.0
95.0
22.5
30.0
90.0
27.5
40.0
84.5
12.5
72.5
10.0
25.0
8.5
75.0
25.0
52.5
95.0
50.0
100.0
52.5
90.0
92.5
20.0
50.0
32.5
27.5
42.5
0.0
60.0
17.5
30.0
95.0
80.0
75.0
82.5
25.0

99.0
80.0
25.0
89.0
55.0
0.0
10.0
87.5
40.0
0.0
5.0
90.0
13.0
5.0
25.0
20.0
35.0
97.5
50.0
40.0
47.5
40.0
25.0
20.0
20.0
100.0
33.5
25.0
15.0
0.0
85.0
85.0
20.0
20.0
50.0
8.5
52.5
35.0
17.5
74.0
3.5
22.5
40.0
32.5

32.5
90.0
25.0
5.0
90.0
90.0
97.5
100.0
10.0
52.5
35.0
10.0
30.0
20.0
25.0
72.5
32.5
2.5
16.5
25.0
55.0
50.0
32.5
13.5
10.0
0.0
100.0
55.0
57.5
71.5
71.5
10.0
16.0
15.0
11.5
37.5
90.0
47.5
35.0
45.0
35.0
56.5
41.5
14.0

100.0
80.0
27.0
87.5
10.0
24.0
0.0
57.5
25.0
10.0
21.0
5.0
79.0
12.5
97.5
100.0
45.0
52.5
45.0
85.0
97.5
4.5
10.0
0.0
10.0
15.0
42.5
7.5
27.5
26.5
40.0
36.5
7.5
85.0
20.0
75.0
2.5
15.0
15.0
15.0
70.0
40.0
30.0
15.0

27.5
15.0
2.5
7.5
90.0
20.0
47.5
60.0
100.0
42.5
95.0
77.5
32.5
50.0
25.0
32.5
5.0
35.0
21.0
44.5
30.0
25.0
47.5
17.5
30.0
5.0
45.0
20.0
72.5
10.0
95.0
30.0
6.0
95.0
30.0
10.0
50.0
25.5
30.0
85.0
65.0
16.0
27.5
12.5

27.5
17.5
20.0
22.5
17.5
92.5
8.5
37.5
30.0
22.5
7.5
15.0
35.0
87.5
17.5
17.5
70.0
50.0
20.0
5.0
15.0
11.0
37.5
20.0
27.5
42.5
22.5
62.5
15.0
11.5
7.5
100.0
12.5
10.0
65.0
65.0
80.0
25.0
20.0
5.0
95.0
0.0
7.5
40.0

55.0
39.0
30.0
30.0
0.0
50.0
15.0
5.0
20.0
50.0
0.0
15.0
12.5
5.0
20.0
40.0
32.5
15.0
25.0
9.5
20.0
15.0
57.5
20.0
28.0
10.0
7.5
15.0
0.0
45.0
35.0
12.5
25.0
47.5
7.5
91.5
45.0
25.0
32.5
30.0
50.0
2.5
3.5
7.5

95.0
5.0
25.0
80.0
12.5
35.0
10.0
11.0
35.0
72.0
55.0
27.5
10.0
10.0
17.5
100.0
50.0
2.5
15.0
32.5
62.5
35.0
57.5
70.0
21.5
17.0
30.0
19.0
52.5
0.0
10.0
20.0
20.0
10.0
10.0
100.0
47.5
45.0
5.0
22.5
12.5
5.0
92.5
57.5

25.0
7.5
77.5
1.5
35.0
35.0
0.0
30.0
27.5
35.0
12.5
67.5
100.0
12.5
7.5
0.0
25.0
20.0
0.0
20.0
60.0
8.5
62.5
22.5
15.0
10.0
10.0
30.0
32.5
20.0
35.0
5.0
18.5
10.0
15.0
0.0
20.0
20.0
17.5
67.5
70.0
0.0
30.0
17.5

10.0
10.0
7.5
15.0
60.0
5.0
7.5
37.5
10.0
10.0
7.5
25.0
47.5
22.5
15.0
82.5
10.0
10.0
0.0
17.5
10.0
25.0
47.5
12.5
7.5
17.5
2.5
7.5
25.0
10.0
7.5
5.0
19.5
10.0
15.0
12.5
7.5
19.5
2.5
10.0
15.0
0.0
16.0
55.0

20.0
47.5
20.0
40.0
11.0
72.5
20.0
17.5
13.5
5.0
15.0
8.5
15.0
12.5
80.0
5.0
32.5
12.5
35.0
20.0
15.0
3.5
5.0
20.0
10.0
27.5
95.0
5.0
26.5
10.0
10.0
50.0
8.5
8.5
15.0
52.5
14.0
10.0
27.5
17.5
5.0
1.0
0.5
10.0

0.0
2.5
10.0
14.0
20.0
22.5
10.0
9.0
0.0
7.5
10.0
98.0
0.0
7.0
0.0
10.0
35.0
40.0
70.0
3.0
10.0
4.0
5.0
12.5
12.5
30.0
22.5
10.0
12.5
2.5
4.0
10.0
10.0
17.0
10.0
21.0
2.5
14.0
12.5
20.0
1.0
7.5
5.0
5.0

89.5
25.0
35.0
37.5
5.0
0.0
7.5
47.5
64.5
1.0
7.5
15.0
13.5
0.0
5.0
62.5
0.0
30.0
2.5
65.0
50.0
22.5
0.0
17.5
27.5
7.5
0.0
7.5
1.5
0.0
4.0
12.5
10.0
5.0
55.0
11.5
0.0
9.5
0.5
37.5
0.0
13.0
20.0
11.0

15.0
40.0
0.0
10.0
60.0
47.5
12.5
60.0
14.0
17.5
26.5
6.0
15.0
20.0
2.5
20.0
0.0
5.0
8.5
25.0
0.0
5.0
6.0
20.0
5.0
11.0
1.0
16.5
20.0
15.0
5.0
7.5
15.0
5.0
0.0
0.0
17.0
17.5
2.5
30.0
2.0
45.0
6.0
5.0

0.0
1.0
7.5
1.0
0.0
0.0
15.0
10.0
0.0
8.5
2.5
25.0
15.0
7.5
6.0
20.0
7.5
75.0
3.5
0.0
0.0
5.0
0.0
2.5
25.0
2.5
12.5
1.0
1.0
7.0
0.0
7.5
12.5
0.0
17.5
2.5
0.5
9.5
0.5
22.5
54.5
0.0
0.0
45.0

22.5
42.5
2.5
10.0
3.5
5.0
5.0
39.5
30.0
0.0
7.5
0.0
7.5
2.5
35.0
35.0
5.0
12.5
0.0
5.0
15.0
0.0
1.5
0.0
0.0
0.0
20.0
7.5
4.0
7.5
10.0
29.0
5.0
2.0
0.0
5.0
10.0
3.5
5.0
2.5
25.0
0.0
12.5
0.0

3.5
5.0
7.5
0.0
10.0
0.0
7.5
5.0
0.0
22.5
2.5

% Catchment arable land use (Pearson et al., 2016) Specific Stream power

0.56	0.01
0.57	0.01
0.35	0.01
0.73	0.03
0.66	0.03
0.87	0.04
0.73	0.05
0.69	0.05
0.28	0.05
0.52	0.07
0.70	0.07
0.83	0.08
0.31	0.09
0.78	0.09
0.43	0.10
0.70	0.10
0.64	0.10
0.65	0.11
0.86	0.12
0.78	0.14
0.59	0.14
0.73	0.17
0.67	0.19
0.74	0.19
0.84	0.20
0.69	0.21
0.49	0.22
0.35	0.22
0.76	0.23
0.70	0.23
0.18	0.23
0.30	0.23
0.64	0.23
0.55	0.23
0.01	0.25
0.59	0.25
0.86	0.25
0.78	0.25
0.65	0.26

0.74	0.27
0.70	0.28
0.79	0.28
0.71	0.28
0.17	0.29
0.79	0.30
0.82	0.31
0.40	0.31
0.64	0.35
0.57	0.36
0.73	0.36
0.80	0.37
0.79	0.38
0.42	0.39
0.67	0.40
0.63	0.41
0.65	0.41
0.83	0.41
0.35	0.41
0.44	0.42
0.65	0.42
0.65	0.43
0.07	0.43
0.34	0.43
0.87	0.44
0.19	0.44
0.13	0.45
0.61	0.45
0.30	0.46
0.32	0.46
0.57	0.48
0.74	0.51
0.28	0.51
0.30	0.51
0.75	0.52
0.00	0.52
0.35	0.53
0.45	0.53
0.36	0.55
0.44	0.55
0.25	0.55
0.85	0.56
0.73	0.56
0.63	0.56

0.67	0.57
0.70	0.57
0.55	0.57
0.76	0.57
0.63	0.57
0.04	0.58
0.05	0.59
0.40	0.60
0.78	0.62
0.01	0.62
0.41	0.63
0.33	0.63
0.06	0.64
0.02	0.65
0.15	0.67
0.66	0.67
0.02	0.67
0.74	0.68
0.32	0.69
0.39	0.69
0.57	0.69
0.52	0.70
0.32	0.70
0.52	0.73
0.35	0.75
0.26	0.76
0.58	0.77
0.74	0.78
0.52	0.79
0.01	0.79
0.61	0.80
0.62	0.80
0.83	0.81
0.06	0.82
0.69	0.82
0.51	0.82
0.52	0.82
0.40	0.83
0.36	0.83
0.70	0.84
0.34	0.84
0.75	0.85
0.62	0.85
0.46	0.86

0.73	0.86
0.77	0.86
0.80	0.88
0.05	0.88
0.55	0.89
0.58	0.89
0.02	0.89
0.51	0.92
0.52	0.92
0.67	0.94
0.22	0.97
0.43	0.98
0.23	0.99
0.83	0.99
0.49	0.99
0.63	0.99
0.24	1.01
0.25	1.01
0.05	1.01
0.61	1.03
0.77	1.04
0.28	1.04
0.55	1.05
0.64	1.05
0.56	1.05
0.16	1.05
0.56	1.06
0.40	1.07
0.48	1.11
0.69	1.12
0.78	1.12
0.25	1.13
0.27	1.17
0.45	1.21
0.52	1.21
0.59	1.24
0.69	1.24
0.69	1.24
0.83	1.24
0.76	1.25
0.73	1.26
0.19	1.27
0.39	1.27
0.36	1.27

0.00	1.28
0.19	1.28
0.57	1.29
0.52	1.29
0.70	1.29
0.62	1.30
0.02	1.30
0.66	1.31
0.35	1.31
0.02	1.32
0.51	1.33
0.17	1.33
0.59	1.34
0.79	1.34
0.36	1.34
0.32	1.35
0.37	1.36
0.70	1.36
0.76	1.37
0.79	1.37
0.43	1.38
0.30	1.38
0.06	1.39
0.14	1.40
0.25	1.42
0.55	1.43
0.46	1.44
0.62	1.45
0.49	1.45
0.54	1.45
0.30	1.46
0.53	1.47
0.22	1.48
0.45	1.52
0.30	1.52
0.43	1.52
0.16	1.52
0.57	1.52
0.51	1.52
0.32	1.52
0.65	1.52
0.73	1.52
0.74	1.53
0.09	1.55

0.58	1.55
0.80	1.55
0.33	1.56
0.32	1.58
0.54	1.63
0.80	1.65
0.28	1.65
0.48	1.65
0.23	1.67
0.23	1.67
0.23	1.68
0.37	1.69
0.78	1.69
0.02	1.69
0.55	1.71
0.41	1.71
0.10	1.72
0.79	1.75
0.21	1.76
0.18	1.76
0.36	1.76
0.57	1.77
0.52	1.80
0.69	1.80
0.40	1.82
0.07	1.82
0.55	1.83
0.63	1.83
0.47	1.84
0.50	1.86
0.49	1.87
0.48	1.90
0.35	1.90
0.57	1.91
0.06	1.92
0.37	1.94
0.50	1.98
0.49	1.98
0.81	1.98
0.48	2.00
0.47	2.01
0.03	2.01
0.08	2.01
0.41	2.02

0.46	2.03
0.20	2.05
0.20	2.06
0.66	2.10
0.38	2.11
0.42	2.12
0.58	2.12
0.81	2.13
0.16	2.13
0.56	2.15
0.72	2.17
0.47	2.17
0.28	2.17
0.50	2.18
0.64	2.21
0.55	2.21
0.06	2.24
0.20	2.25
0.26	2.28
0.72	2.28
0.18	2.28
0.04	2.28
0.36	2.28
0.52	2.28
0.27	2.29
0.58	2.29
0.22	2.30
0.57	2.30
0.82	2.33
0.41	2.33
0.04	2.35
0.32	2.35
0.36	2.36
0.31	2.36
0.07	2.37
0.50	2.38
0.65	2.39
0.18	2.39
0.25	2.39
0.38	2.40
0.54	2.41
0.63	2.42
0.39	2.42
0.52	2.43

0.47	2.43
0.35	2.43
0.53	2.46
0.17	2.47
0.00	2.49
0.61	2.51
0.39	2.52
0.24	2.54
0.49	2.57
0.07	2.61
0.00	2.61
0.17	2.63
0.34	2.66
0.01	2.67
0.43	2.75
0.36	2.76
0.50	2.76
0.75	2.76
0.37	2.77
0.38	2.79
0.59	2.85
0.02	2.86
0.06	2.86
0.31	2.88
0.41	2.92
0.85	2.92
0.00	2.94
0.51	2.94
0.46	2.97
0.63	2.98
0.77	2.98
0.61	2.99
0.35	2.99
0.11	3.04
0.07	3.04
0.00	3.04
0.47	3.04
0.03	3.04
0.61	3.04
0.06	3.06
0.50	3.07
0.02	3.07
0.00	3.08
0.31	3.08

0.60	3.17
0.46	3.20
0.47	3.22
0.35	3.22
0.04	3.23
0.38	3.28
0.69	3.31
0.20	3.31
0.47	3.32
0.30	3.35
0.65	3.37
0.73	3.38
0.40	3.38
0.78	3.38
0.28	3.39
0.39	3.39
0.37	3.46
0.34	3.46
0.57	3.48
0.14	3.48
0.60	3.48
0.52	3.49
0.69	3.50
0.36	3.53
0.66	3.55
0.57	3.56
0.25	3.58
0.24	3.58
0.05	3.58
0.20	3.59
0.39	3.61
0.64	3.64
0.25	3.65
0.33	3.69
0.07	3.71
0.09	3.74
0.47	3.74
0.80	3.80
0.24	3.80
0.50	3.80
0.36	3.80
0.32	3.80
0.13	3.81
0.57	3.82

0.35	3.82
0.02	3.84
0.35	3.92
0.47	3.96
0.35	3.98
0.09	3.99
0.40	4.00
0.24	4.03
0.38	4.05
0.35	4.05
0.15	4.06
0.70	4.08
0.45	4.13
0.27	4.16
0.24	4.17
0.01	4.20
0.86	4.22
0.04	4.22
0.01	4.23
0.11	4.24
0.23	4.30
0.34	4.32
0.36	4.32
0.27	4.32
0.01	4.32
0.33	4.33
0.59	4.37
0.28	4.44
0.55	4.47
0.14	4.47
0.24	4.47
0.29	4.47
0.62	4.49
0.64	4.49
0.04	4.49
0.00	4.51
0.53	4.56
0.24	4.56
0.59	4.56
0.49	4.56
0.34	4.56
0.01	4.56
0.58	4.56
0.30	4.61

0.05	4.63
0.33	4.65
0.00	4.67
0.54	4.69
0.69	4.74
0.23	4.82
0.06	4.83
0.08	4.84
0.72	4.87
0.04	4.88
0.48	4.91
0.55	5.01
0.40	5.03
0.02	5.04
0.36	5.05
0.53	5.07
0.52	5.07
0.46	5.09
0.58	5.09
0.80	5.09
0.02	5.20
0.56	5.21
0.55	5.21
0.38	5.24
0.42	5.26
0.22	5.27
0.06	5.31
0.39	5.32
0.31	5.32
0.59	5.37
0.04	5.38
0.44	5.39
0.46	5.40
0.22	5.43
0.01	5.48
0.34	5.49
0.25	5.49
0.03	5.49
0.00	5.53
0.08	5.61
0.41	5.62
0.01	5.68
0.42	5.70
0.47	5.73

0.50	5.74
0.56	5.74
0.26	5.76
0.11	5.78
0.46	5.78
0.23	5.85
0.38	5.85
0.56	5.85
0.52	5.88
0.22	6.01
0.52	6.06
0.37	6.07
0.71	6.08
0.34	6.08
0.08	6.11
0.03	6.13
0.68	6.14
0.43	6.17
0.33	6.18
0.30	6.19
0.53	6.34
0.16	6.34
0.04	6.39
0.35	6.39
0.04	6.41
0.30	6.45
0.51	6.46
0.01	6.47
0.60	6.49
0.51	6.57
0.50	6.61
0.37	6.62
0.32	6.62
0.54	6.64
0.50	6.67
0.04	6.76
0.45	6.78
0.01	6.78
0.25	6.79
0.78	6.91
0.03	6.92
0.03	6.92
0.07	7.02
0.06	7.03

0.05	7.06
0.13	7.07
0.01	7.10
0.35	7.11
0.39	7.13
0.41	7.26
0.33	7.26
0.52	7.27
0.12	7.28
0.00	7.37
0.01	7.53
0.11	7.54
0.01	7.54
0.31	7.64
0.17	7.66
0.10	7.73
0.28	7.76
0.32	7.81
0.47	7.82
0.01	7.84
0.26	7.85
0.34	7.97
0.11	8.05
0.27	8.06
0.54	8.11
0.46	8.14
0.58	8.19
0.34	8.22
0.43	8.24
0.00	8.32
0.09	8.36
0.43	8.40
0.11	8.44
0.51	8.44
0.45	8.45
0.29	8.46
0.67	8.64
0.24	8.66
0.49	8.69
0.04	8.70
0.03	8.71
0.46	8.79
0.76	8.87
0.35	8.88

0.15	8.94
0.65	8.94
0.02	8.94
0.63	8.97
0.22	8.98
0.18	9.04
0.37	9.06
0.69	9.12
0.16	9.12
0.04	9.12
0.13	9.22
0.87	9.22
0.17	9.23
0.01	9.40
0.43	9.46
0.44	9.50
0.03	9.59
0.22	9.84
0.00	9.86
0.15	9.88
0.58	9.91
0.11	9.92
0.03	9.96
0.02	10.03
0.36	10.14
0.11	10.14
0.01	10.51
0.41	10.52
0.03	10.61
0.10	10.61
0.28	10.61
0.40	10.64
0.37	10.84
0.04	10.86
0.01	10.86
0.25	11.04
0.36	11.11
0.34	11.40
0.30	11.45
0.24	11.56
0.02	11.67
0.19	11.71
0.31	11.77
0.17	11.83

0.52	12.00
0.40	12.03
0.09	12.05
0.01	12.13
0.41	12.16
0.56	12.16
0.02	12.16
0.80	12.26
0.37	12.28
0.57	12.38
0.52	12.52
0.12	12.59
0.20	12.60
0.22	12.62
0.00	12.67
0.39	12.67
0.03	12.69
0.35	12.81
0.11	12.95
0.21	12.96
0.30	13.03
0.44	13.13
0.41	13.23
0.42	13.28
0.29	13.42
0.09	13.44
0.00	13.66
0.25	13.79
0.22	13.84
0.02	13.90
0.09	13.90
0.26	13.93
0.43	14.02
0.01	14.08
0.05	14.15
0.00	14.15
0.58	14.26
0.19	14.31
0.01	14.31
0.80	14.62
0.08	15.18
0.70	15.21
0.25	15.21
0.14	15.21

0.00	15.21
0.16	15.24
0.01	15.33
0.24	15.33
0.01	15.58
0.00	15.65
0.16	15.77
0.04	15.81
0.06	16.12
0.20	16.28
0.00	16.45
0.00	16.59
0.01	16.82
0.02	16.90
0.69	16.90
0.41	16.90
0.21	17.17
0.55	17.17
0.10	17.17
0.02	17.19
0.00	17.21
0.03	17.28
0.00	17.29
0.09	17.30
0.40	18.12
0.00	18.25
0.00	18.25
0.27	18.34
0.06	18.39
0.42	18.39
0.18	18.64
0.17	18.99
0.05	19.01
0.00	19.57
0.32	19.78
0.00	19.83
0.05	19.94
0.48	20.01
0.01	20.38
0.09	20.70
0.44	20.77
0.10	21.16
0.00	21.32
0.08	21.59

0.09	21.67
0.64	21.72
0.06	22.38
0.53	23.02
0.06	23.20
0.06	23.32
0.01	23.34
0.08	23.39
0.36	23.39
0.00	23.58
0.00	24.26
0.01	24.31
0.08	24.39
0.00	24.66
0.33	25.24
0.23	25.32
0.01	25.34
0.51	25.34
0.00	25.48
0.25	26.07
0.13	26.50
0.03	27.14
0.03	27.90
0.02	28.09
0.01	28.60
0.01	28.67
0.06	29.24
0.03	30.15
0.06	30.35
0.00	30.41
0.00	31.91
0.06	32.58
0.01	33.63
0.00	34.56
0.00	36.03
0.00	36.69
0.04	37.17
0.01	37.48
0.03	38.01
0.02	39.77
0.05	43.28
0.04	49.00
0.09	49.41
0.00	49.55

0.00	53.04
0.07	56.34
0.02	61.31
0.00	78.53
0.16	84.39
0.19	91.72
0.02	93.57
0.00	95.59
0.00	97.64
0.54	108.20
0.01	296.67

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

3

5
5
5
5
5
5
5
5
5
5

Contains data from River Invertebrate Prediction and Classification System - NERC [CEH] 2006. Data used in Chapter 5

Site ID	Season	Flow in RIVPACS sampling year (m ³ /s)	Slope (m/m)	Width
5405	Autumn	0.147	0.0002	17.5
5407	Autumn	0.147	0.0002	16.7
3111	Autumn	0.134	0.0003	21.7
NH03	Autumn	0.342	0.0007	51.7
6919	Autumn	0.839	0.0005	70
5403	Autumn	0.147	0.0011	25
5717	Autumn	0.442	0.0005	33.7
1113	Autumn	0.399	0.0005	30
6111	Autumn	1.874	0.0002	40
705	Autumn	0.116	0.0013	16
3791	Autumn	0.229	0.0006	12
6259	Autumn	0.021	0.0022	3.3
6107	Autumn	1.874	0.0002	25
6105	Autumn	0.749	0.0002	9
6293	Autumn	0.493	0.0004	11.7
2513	Autumn	0.01	0.0025	1.4
9113	Autumn	0.838	0.0003	11.3
5309	Autumn	0.382	0.0008	12.3
6993	Autumn	0.187	0.0014	9.4
6915	Autumn	4.75	0.0003	50
1111	Autumn	0.399	0.0005	7
6289	Autumn	0.493	0.0004	6.7
6857	Autumn	0.235	0.0008	5.8
6911	Autumn	1.764	0.0005	26.7
2523	Autumn	2.786	0.0004	33.7
2301	Autumn	0.025	0.0027	2
6417	Autumn	0.945	0.0004	10.7
6109	Autumn	1.874	0.0002	10
5401	Autumn	0.147	0.0011	4.3
6215	Autumn	3.407	0.0004	35
6213	Autumn	2.786	0.0004	28.6
1005	Autumn	0.227	0.0018	10.4
7611	Autumn	6.799	0.0002	33.7
2507	Autumn	0.162	0.0016	6.3
6264	Autumn	0.302	0.0008	5.7
4003	Autumn	1.439	0.0012	38
5697	Autumn	0.512	0.0007	7.8
2505	Autumn	0.105	0.0019	4.3
5895	Autumn	0.825	0.0007	12.1
TA02	Autumn	3.023	0.0005	31

1909 Autumn	0.746	0.0005	7.5
2305 Autumn	0.248	0.0013	6.4
6863 Autumn	1.872	0.0007	25
3103 Autumn	0.256	0.002	9.7
9105 Autumn	0.111	0.002	4.2
2621 Autumn	0.612	0.0008	8.7
3317 Autumn	15.788	0.0003	80
703 Autumn	0.147	0.0015	3.7
5805 Autumn	1.427	0.0007	16.3
TH08 Autumn	0.485	0.0011	8.5
6265 Autumn	0.314	0.0012	6
6258 Autumn	0.088	0.0017	2.3
1003 Autumn	0.227	0.0025	8.6
9615 Autumn	1.04	0.0025	39
5713 Autumn	0.667	0.0023	23
6858 Autumn	0.257	0.0011	4
2409 Autumn	0.728	0.0007	7.1
1109 Autumn	0.399	0.0018	10
1907 Autumn	0.746	0.0011	11.3
8317 Autumn	2.419	0.0004	12.7
NE01 Autumn	0.14	0.0083	15.1
6615 Autumn	12.474	0.0004	63.4
2307 Autumn	0.409	0.0013	6.6
6856 Autumn	0.513	0.0017	10.8
NW04 Autumn	3.379	0.001	41.7
2303 Autumn	0.248	0.0014	4.2
1001 Autumn	0.227	0.0025	6.8
8313 Autumn	2.419	0.0006	17.3
701 Autumn	0.227	0.003	8
1405 Autumn	0.667	0.0011	8.6
1705 Autumn	0.27	0.004	12.3
2405 Autumn	0.728	0.0007	5.8
1009 Autumn	0.959	0.0009	9.8
2007 Autumn	0.492	0.0018	10
AN02 Autumn	0.084	0.0044	4.1
5695 Autumn	0.512	0.003	17
9121 Autumn	0.199	0.0025	5.5
4983 Autumn	1.692	0.001	18
4707 Autumn	1.282	0.0013	17.7
3315 Autumn	15.788	0.0003	50
1309 Autumn	2.442	0.0004	10
4005 Autumn	1.439	0.003	44
6811 Autumn	3.275	0.0008	26.7
3805 Autumn	0.481	0.0025	12.2

5623 Autumn	10.366	0.0005	50
1903 Autumn	0.386	0.0014	5.2
603 Autumn	0.327	0.0017	5.3
5864 Autumn	2.353	0.0009	20
1901 Autumn	0.386	0.0014	5.1
713 Autumn	4.271	0.0005	20
3372 Autumn	0.038	0.02	7.1
3101 Autumn	0.256	0.0027	6.4
1007 Autumn	0.959	0.0013	11.5
1407 Autumn	1.263	0.0009	10.4
ST02 Autumn	9.444	0.0003	25
3311 Autumn	8.487	0.0003	22.3
2605 Autumn	0.781	0.0007	4.7
1411 Autumn	3.915	0.0007	23.5
2905 Autumn	5.422	0.0006	27.7
NW06 Autumn	8.568	0.0006	43
707 Autumn	1.036	0.0011	9.3
1809 Autumn	0.705	0.0012	6.9
1409 Autumn	3.915	0.0007	21.7
711 Autumn	3.172	0.0006	15
3309 Autumn	8.487	0.0003	20
1083 Autumn	0.195	0.0017	2.6
4995 Autumn	0.39	0.0033	10
6985 Autumn	1.123	0.0015	13
2619 Autumn	0.612	0.001	4.7
3511 Autumn	4.355	0.0018	60
1305 Autumn	0.601	0.002	9.2
1403 Autumn	0.288	0.0025	5.5
5705 Autumn	0.152	0.0112	13
3166 Autumn	1.011	0.0022	16.7
2009 Autumn	0.492	0.003	11
709 Autumn	2.04	0.001	15
6413 Autumn	0.945	0.0017	11.7
4705 Autumn	1.282	0.0025	23.3
5709 Autumn	1.574	0.0019	21.7
3704 Autumn	20.683	0.0002	30
6691 Autumn	0.145	0.0067	7
7217 Autumn	7.805	0.0007	38.6
2611 Autumn	2.947	0.0005	10.3
AN08 Autumn	0.078	0.0042	2.2
ST05 Autumn	1.578	0.0019	20
AN09 Autumn	0.078	0.0033	1.7
5107 Autumn	3.469	0.002	45.8
5703 Autumn	0.152	0.0055	5.3

6693 Autumn	0.145	0.0067	6.1
NW05 Autumn	3.379	0.0011	23.3
5677 Autumn	2.483	0.0015	23.1
1413 Autumn	3.915	0.0007	16.7
3397 Autumn	4.682	0.0013	36.7
4407 Autumn	5	0.0007	21
NW03 Autumn	9.616	0.0013	73.3
TA04 Autumn	1.629	0.002	18.8
4807 Autumn	3.132	0.0014	25
4207 Autumn	3.885	0.0016	35
CL04 Autumn	6.197	0.0013	45.3
5701 Autumn	0.152	0.0075	6.3
2903 Autumn	4.08	0.0006	13.5
2201 Autumn	0.104	0.0075	4.3
TH02 Autumn	1.132	0.0018	11.2
1101 Autumn	0.092	0.006	3
3515 Autumn	13.163	0.0015	106.7
3413 Autumn	4.684	0.0009	22.7
5307 Autumn	0.382	0.004	8.2
2715 Autumn	2.69	0.0025	36
2005 Autumn	0.492	0.0027	7
1013 Autumn	0.315	0.0025	4.1
5103 Autumn	1.543	0.0015	12
2521 Autumn	2.786	0.0009	12.9
607 Autumn	2.606	0.0011	14.7
5009 Autumn	1.374	0.0027	19
1709 Autumn	2.056	0.0019	19.7
3701 Autumn	3.078	0.003	46
1707 Autumn	2.056	0.0014	14.3
601 Autumn	0.327	0.0025	4
3807 Autumn	1.054	0.0021	10.7
8221 Autumn	5.535	0.0008	21
8217 Autumn	3.948	0.0017	31.7
2717 Autumn	4.258	0.0019	37
775 Autumn	0.726	0.0029	9.4
3607 Autumn	0.585	0.005	13
8517 Autumn	1.377	0.002	12.2
9611 Autumn	1.04	0.004	18.3
8309 Autumn	1.344	0.0017	9.8
5707 Autumn	1.574	0.004	27
3809 Autumn	1.054	0.003	13.5
605 Autumn	2.606	0.001	11
4405 Autumn	5	0.0007	14.7
1209 Autumn	2.568	0.0009	9.5

9481 Autumn	0.663	0.0025	6.8
4917 Autumn	42.801	0.0004	70
8425 Autumn	8.53	0.001	34
1611 Autumn	8.988	0.0014	50.1
411 Autumn	2.872	0.0017	19
2707 Autumn	3.16	0.0033	40.3
9711 Autumn	4.846	0.001	18.3
901 Autumn	0.499	0.0023	4.3
TA06 Autumn	0.303	0.0056	6.3
5007 Autumn	0.759	0.0042	11.7
6981 Autumn	1.123	0.0029	11.8
5381 Autumn	0.15	0.0059	3.2
5615 Autumn	2.475	0.0038	34
4991 Autumn	0.39	0.0059	8.3
TA01 Autumn	9.832	0.0008	28.3
3162 Autumn	0.674	0.0033	8
181 Autumn	0.203	0.008	5.8
SO02 Autumn	1.535	0.0025	13.7
5605 Autumn	1.404	0.003	15
2719 Autumn	4.258	0.0021	31.7
6101 Autumn	0.3	0.0038	4
4907 Autumn	4.789	0.0012	20
4979 Autumn	1.692	0.0033	19.3
5693 Autumn	0.512	0.0061	10.7
TH01 Autumn	2.567	0.0015	13.1
2003 Autumn	0.492	0.003	5
5621 Autumn	28.677	0.0005	48.3
1607 Autumn	5.398	0.0011	19.8
5303 Autumn	0.382	0.0027	3.4
4009 Autumn	15.226	0.0009	45
4987 Autumn	0.39	0.0033	4.2
8513 Autumn	1.377	0.0028	12.5
2209 Autumn	7.737	0.0009	22.5
2211 Autumn	7.737	0.0009	22.5
2721 Autumn	11.816	0.0011	41.7
1605 Autumn	5.398	0.0014	23.8
781 Autumn	0.156	0.0053	2.6
NW02 Autumn	3.141	0.0021	20.7
1807 Autumn	0.705	0.0033	7.3
3389 Autumn	3.845	0.0025	30
2713 Autumn	2.69	0.0013	10.8
4211 Autumn	15.708	0.0018	86.7
NE02 Autumn	0.717	0.0023	5
1307 Autumn	2.442	0.001	7.3

185 Autumn	0.203	0.0133	7.9
907 Autumn	4.39	0.0017	21.7
5854 Autumn	0.399	0.0033	3.8
3407 Autumn	5.551	0.0019	30
1703 Autumn	0.27	0.006	4.6
2909 Autumn	8.606	0.0021	50.7
5617 Autumn	11.929	0.0021	70
4805 Autumn	3.132	0.0025	21.7
311 Autumn	3.609	0.0016	16
4011 Autumn	22.108	0.0009	55
3160 Autumn	0.291	0.005	4
AN07 Autumn	0.062	0.0071	1.2
3409 Autumn	4.962	0.002	26.7
3505 Autumn	1.299	0.006	20.7
207 Autumn	2.021	0.0025	13.3
6103 Autumn	0.572	0.0038	5.7
3605 Autumn	0.585	0.006	9
HI01 Autumn	0.417	0.0125	13.3
8709 Autumn	0.661	0.005	8.4
773 Autumn	0.726	0.004	7.1
5603 Autumn	1.404	0.0023	7.7
5105 Autumn	1.543	0.0021	7.7
3509 Autumn	4.355	0.0027	26.7
9485 Autumn	0.663	0.008	11.9
6409 Autumn	0.945	0.0025	5.2
2207 Autumn	4.262	0.0014	12.7
7705 Autumn	0.763	0.0034	5.5
5715 Autumn	7.526	0.0013	20.7
4975 Autumn	1.692	0.005	17.7
3603 Autumn	0.585	0.005	6
NE03 Autumn	0.606	0.0059	7.3
6242 Autumn	0.314	0.0034	2.1
4313 Autumn	6.487	0.002	25.3
4913 Autumn	20.06	0.0012	46.7
SW05 Autumn	0.072	0.0167	2.3
ST06 Autumn	6.623	0.0019	24
5905 Autumn	1.076	0.006	12.3
8713 Autumn	2.107	0.0045	18
2205 Autumn	1.438	0.0033	9
HI10 Autumn	31.178	0.0011	65
6862 Autumn	1.872	0.0017	6
3007 Autumn	2.238	0.0027	11.3
3305 Autumn	2.86	0.0038	20
5005 Autumn	0.759	0.0043	6

307 Autumn	1.605	0.0033	9.7
613 Autumn	17.078	0.0008	25
1603 Autumn	5.398	0.001	9.7
5861 Autumn	1.064	0.0033	6.2
3001 Autumn	1.015	0.0043	7.7
1303 Autumn	0.577	0.006	6
7605 Autumn	6.799	0.0023	26.7
5383 Autumn	0.15	0.0067	1.7
3403 Autumn	2.518	0.0033	14
8421 Autumn	8.53	0.0014	20
309 Autumn	3.151	0.0014	7.3
4915 Autumn	34.071	0.0009	50
2601 Autumn	0.781	0.003	3.8
2907 Autumn	8.606	0.0025	34
1609 Autumn	5.398	0.0027	23
409 Autumn	2.872	0.0021	9.5
5301 Autumn	0.382	0.004	2.4
4703 Autumn	1.282	0.01	20
4109 Autumn	4.671	0.0021	15.1
5803 Autumn	1.427	0.005	10.9
8613 Autumn	3.582	0.0029	15.8
2203 Autumn	1.438	0.003	6.5
5855 Autumn	0.399	0.005	3
TH03 Autumn	1.043	0.0037	5.8
3207 Autumn	4.097	0.0023	14
4111 Autumn	4.671	0.0033	22.8
609 Autumn	12.446	0.0008	14.7
3803 Autumn	0.481	0.0033	2.3
3003 Autumn	2.238	0.005	15.3
8521 Autumn	1.377	0.004	7.5
3303 Autumn	2.86	0.005	19.3
4905 Autumn	2.104	0.0053	15
905 Autumn	4.156	0.0018	9.7
HI09 Autumn	2.898	0.0067	25
5903 Autumn	1.076	0.006	8.3
3503 Autumn	1.299	0.01	16.7
5801 Autumn	1.427	0.0043	7.8
TA05 Autumn	1.427	0.0111	19.7
2911 Autumn	8.606	0.0033	35.3
3915 Autumn	33.044	0.0012	48
SO01 Autumn	1.535	0.0083	15.3
4803 Autumn	3.132	0.0025	9.3
4107 Autumn	4.671	0.0017	9.4
3391 Autumn	0.194	0.025	5.7

2901 Autumn	4.08	0.0038	18.2
3307 Autumn	2.86	0.006	20
TW02 Autumn	1.455	0.0023	3.8
8305 Autumn	1.344	0.0038	5.7
3385 Autumn	3.845	0.0066	28
3913 Autumn	33.044	0.0021	75
2711 Autumn	2.69	0.0043	12.5
NH09 Autumn	0.342	0.0167	6.1
5305 Autumn	0.382	0.0064	2.6
771 Autumn	0.726	0.0077	5.8
2705 Autumn	3.16	0.0033	10.7
3401 Autumn	2.518	0.005	12.7
205 Autumn	2.021	0.0033	6.5
5675 Autumn	2.483	0.005	12
3005 Autumn	2.238	0.005	10.5
4105 Autumn	4.671	0.0025	10.8
909 Autumn	4.39	0.0018	7.3
3705 Autumn	7.902	0.0033	24
8209 Autumn	3.948	0.0034	12.3
4001 Autumn	1.439	0.03	39
5003 Autumn	0.759	0.006	3.9
1701 Autumn	0.27	0.015	3.4
4909 Autumn	7.084	0.0035	20
5601 Autumn	1.404	0.006	6.7
TW03 Autumn	23.352	0.0001	1.8
3601 Autumn	0.585	0.015	6.7
9703 Autumn	4.846	0.0029	10.7
1081 Autumn	0.258	0.0071	1.3
3801 Autumn	0.481	0.01	3.4
6841 Autumn	0.257	0.0067	1.2
6381 Autumn	0.131	0.0077	0.7
229 Autumn	3.036	0.0038	8
3703 Autumn	7.902	0.005	27
8213 Autumn	3.948	0.004	10.7
8509 Autumn	1.377	0.0044	4.1
107 Autumn	2.198	0.0035	5
8705 Autumn	0.661	0.0071	3
5673 Autumn	2.483	0.0067	10.3
2401 Autumn	0.728	0.005	2.2
1601 Autumn	5.398	0.0024	7.8
4309 Autumn	6.487	0.0067	24.4
3907 Autumn	16.168	0.005	45
3395 Autumn	0.194	0.05	5.2
903 Autumn	4.156	0.0018	4

3205 Autumn	4.097	0.006	13
4013 Autumn	13.249	0.006	42
4911 Autumn	20.06	0.0024	25
5109 Autumn	3.469	0.01	18
3911 Autumn	25.95	0.0038	50
6405 Autumn	0.945	0.0067	3.2
5856 Autumn	2.062	0.0022	2.2
203 Autumn	2.021	0.0043	4.2
5671 Autumn	2.483	0.01	12
5385 Autumn	0.15	0.0143	1
305 Autumn	1.111	0.012	6.2
2403 Autumn	0.728	0.006	2
4103 Autumn	4.671	0.0043	8.5
4881 Autumn	0.693	0.0031	0.9
3909 Autumn	25.95	0.005	50
7205 Autumn	7.805	0.0042	12.5
5619 Autumn	16.048	0.0075	44
3905 Autumn	16.168	0.006	35
8505 Autumn	1.377	0.0063	3.1
4307 Autumn	6.487	0.005	11.1
105 Autumn	2.198	0.0067	5
5183 Autumn	2.846	0.0024	2.3
1301 Autumn	0.577	0.012	2.3
5001 Autumn	0.759	0.01	2.4
3381 Autumn	3.845	0.0058	7
4885 Autumn	0.693	0.004	0.8
3144 Autumn	0.108	0.02	0.6
4303 Autumn	6.487	0.0057	10.1
6201 Autumn	0.412	0.0143	1.6
233 Autumn	3.036	0.0083	6.7
103 Autumn	2.198	0.0075	4.3
3150 Autumn	0.218	0.04	2.2
HI04 Autumn	26.418	0.005	33.3
4409 Autumn	5	0.008	10
5901 Autumn	1.076	0.02	5.1
4017 Autumn	46.188	0.0043	45
2001 Autumn	0.492	0.01	1
227 Autumn	3.036	0.0083	4.8
HI08 Autumn	26.418	0.0083	40
AN06 Autumn	0.908	0.02	3.2
5101 Autumn	1.543	0.0086	2.3
4401 Autumn	5	0.0133	11.5
301 Autumn	1.111	0.01	1.9
101 Autumn	2.198	0.012	4.5

201 Autumn	2.021	0.0067	2.3
4311 Autumn	6.487	0.02	21.7
4701 Autumn	1.282	0.01	2
CL05 Autumn	4.624	0.0111	8
223 Autumn	3.036	0.0083	3.9
231 Autumn	3.036	0.0071	3.3
6801 Autumn	0.816	0.0114	1.4
3145 Autumn	0.089	0.04	0.5
4403 Autumn	5	0.0057	4
6847 Autumn	1.872	0.0074	1.7
3376 Autumn	3.402	0.02	7.5
6840 Autumn	0.257	0.0286	0.8
225 Autumn	3.036	0.0091	3
ST04 Autumn	2.914	0.01	3
303 Autumn	1.111	0.03	3.3
5691 Autumn	0.512	0.022	1.1
221 Autumn	3.036	0.01	2.9
4305 Autumn	6.487	0.0133	8.2
3301 Autumn	2.86	0.01	2.7
3501 Autumn	1.299	0.06	6
5681 Autumn	0.707	0.0375	2
5841 Autumn	0.234	0.04	0.7
HI03 Autumn	56.558	0.0067	25.7
5881 Autumn	1.019	0.0286	1.8
2709 Autumn	2.69	0.015	2.3
8205 Autumn	3.948	0.015	3.2
3163 Autumn	5.118	0.0067	1.7
4301 Autumn	6.487	0.02	5.3
HI02 Autumn	56.558	0.0125	23.3
3152 Autumn	0.674	0.05	1.1
3153 Autumn	0.674	0.0571	1.2
5851 Autumn	1.064	0.04	1.3
5848 Autumn	0.399	0.1	1.2
ST03 Autumn	5.471	0.0125	2
4381 Autumn	2.728	0.0222	1.7
3151 Autumn	1.011	0.0286	0.6
6849 Autumn	1.872	0.0305	0.9
5850 Autumn	1.064	0.05	0.8
6848 Autumn	1.872	0.0469	1.1
TH06 Autumn	4.654	0.0125	0.7
4801 Autumn	3.132	0.1	3.7
6845 Autumn	1.872	0.0339	0.7
WE05 Autumn	11.142	0.025	2.7
5852 Autumn	1.064	0.04	0.4

NH05 Autumn	1.602	0.0667	1
9205 Autumn	2.258	0.1	1.8
4101 Autumn	4.671	0.06	1.4
6844 Autumn	1.872	0.0667	0.6
5845 Autumn	2.353	0.05	0.5
5844 Autumn	2.062	0.0667	0.5
3141 Autumn	5.118	0.0667	0.5

abase rights NERC [CEH] 2006 all rights reserved)

Specific stream power W/m2	Specific stream power group	EPSI(fam)	E-PSI(fam69)
0.0164808	1	33	24
0.017270299	1	57.1	48.4
0.018173364	1	62.1	51.6
0.045425803	1	83	83.4
0.058789929	1	26.8	4.8
0.06345108	1	4.9	6
0.064332641	1	85	87.7
0.0652365	1	27.9	20.8
0.0919197	1	45	33.2
0.09245925	1	61.8	56.1
0.1123245	1	98.8	96.9
0.13734	1	37.8	26.3
0.14707152	1	48.8	35.3
0.163282	1	50.8	30.6
0.165344615	1	24.8	22.8
0.175178571	1	56.5	58.6
0.218250796	1	15.1	13.3
0.243734634	1	50.9	42.2
0.273218936	1	26.8	23.1
0.279585	1	25.8	15
0.279585	1	69.7	66.7
0.288736119	1	66.5	57.7
0.31797931	1	47.9	38.7
0.324060674	1	44.1	19.3
0.324399525	1	37.9	26.2
0.3310875	1	51.5	45.4
0.346558879	1	40.8	38.6
0.3676788	1	43.4	27.3
0.368901628	1	34.2	18.6
0.381973371	1	30.9	19.6
0.382246993	1	37.9	26.3
0.385419808	1	87.3	85
0.395834955	1	99	99
0.403611429	1	61.6	52.1
0.415806316	1	61.4	48.2
0.445787053	1	93.5	92.5
0.450756923	1	70	68
0.455138372	1	80.1	75.5
0.468204545	1	78.9	76.1
0.478316613	1	91	90.7

0.487884	1	74.9	74
0.49417875	1	74.1	70.3
0.51420096	1	68.2	60.4
0.517806186	1	39.3	34.8
0.518528571	1	66.4	54.5
0.552066207	1	57	41.2
0.58080105	1	30.8	9.7
0.584622973	1	71.7	62
0.601178466	1	80.7	78.6
0.615721765	1	72	71.4
0.616068	1	42.8	28.2
0.638076522	1	50.8	44.5
0.64734593	1	85.6	79.5
0.654	1	78.7	78.9
0.654327	1	91.5	89.2
0.69332175	1	65.2	59
0.704109296	1	20.1	12.1
0.7045542	1	80	77.4
0.712396991	1	56.7	54.2
0.747413858	1	33.3	19.6
0.754915232	1	99.9	99.9
0.772050095	1	24.8	8.5
0.790299545	1	65.7	59.5
0.7921575	1	89.8	84.9
0.794915827	1	84.6	83.9
0.81096	1	43.5	34
0.818702206	1	80.8	75.6
0.823019306	1	41.5	30.7
0.83507625	1	77.7	68
0.836929884	1	53.8	43.9
0.861365854	1	94.9	95.2
0.861926897	1	49.6	33.3
0.863980714	1	83.3	81.4
0.8687736	1	87.5	84.5
0.88433561	1	59.9	51.4
0.886362353	1	79	73.6
0.887359091	1	68.1	54.8
0.92214	1	68.4	69.9
0.923691864	1	100	100
0.92928168	1	19.2	11.4
0.9582408	1	74.4	68.1
0.962494773	1	97.8	97.6
0.962629213	1	26.3	21.8
0.966928279	1	77.2	76

1.0169046	1	56.5	54.6
1.019485385	1	57.4	52.1
1.028939434	1	64	54.5
1.03873185	1	79.7	76.1
1.039475294	2	59.9	54.9
1.04746275	2	46	27.3
1.050084507	2	99.9	99.9
1.05948	2	85.6	84.5
1.063489304	2	87.6	84.5
1.072214135	2	54.5	41.9
1.11174768	2	77.5	80.8
1.12005565	2	78.8	73.9
1.141090851	2	55.9	52.3
1.144012979	2	55.9	48.2
1.152126065	2	87.6	82.1
1.172819721	2	86	85.1
1.202094194	2	87	81.1
1.202791304	2	47.9	48
1.238908065	2	22.7	9.8
1.2446928	2	81	77.9
1.24886205	2	90.4	88.7
1.250775	2	76.3	69.9
1.262547	2	65.8	70.4
1.271149615	2	55.2	48.9
1.277387234	2	67.5	56.2
1.2816765	2	99.9	100
1.281697826	2	55	48.4
1.284218182	2	60.8	52.2
1.284657231	2	99.1	98
1.306551018	2	91.6	90
1.316323636	2	79.4	73.8
1.33416	2	72.5	65.1
1.346988462	2	44.8	40.8
1.349401288	2	96.9	97.2
1.351971705	2	86.1	84.3
1.3526682	2	68	62.9
1.361487857	2	82.4	79.5
1.388521632	2	94.2	96.7
1.403401456	2	81.2	79.2
1.460798182	2	73.5	69.9
1.4706171	2	88.5	85.1
1.485349412	2	65.1	59.5
1.486065066	2	64.7	58.4
1.547388679	2	96.7	94.3

1.562363115	2	81.1	74.5
1.564926567	2	84.5	85.4
1.581703247	2	78	76.8
1.609838623	2	24.3	19.3
1.626963106	2	69.7	70.3
1.635	2	87.1	86.3
1.673026576	2	69.3	72.5
1.700052128	2	98	98.2
1.72059552	2	94.5	93.4
1.742256	2	93.5	92.1
1.744599139	2	92.6	94.1
1.775142857	2	97.3	95.4
1.77888	2	89.6	87
1.779488372	2	93.5	92.5
1.784719286	2	76.3	65.8
1.80504	2	79.2	72
1.8153097	2	89.3	88.6
1.821807753	2	82.4	84.5
1.828009756	2	83.8	80
1.8325625	2	78.6	74.4
1.861657714	2	68.6	63
1.884237805	2	64.4	61.7
1.89210375	2	78	72.3
1.906790233	2	59.2	49.8
1.913016735	2	78.1	76.2
1.915428316	2	75.6	71.4
1.945268223	2	80.7	82.8
1.96925087	2	88.4	87.9
1.974622657	2	83.4	83.9
2.00491875	2	73.4	71.2
2.029294766	2	70.2	75.6
2.068508571	2	69.2	65.5
2.076996719	2	70	69.9
2.14499627	2	80.8	81.4
2.197231277	2	70.2	64.4
2.20725	2	86.3	83.6
2.214486885	2	64.1	55.5
2.230032787	2	94	93.4
2.287131429	2	68.2	55
2.287546667	2	99.3	98.6
2.29772	2	75.6	70.2
2.324078182	2	77.5	76.4
2.335714286	2	96.4	95.1
2.386618105	2	68.6	61.8

2.3911875	2	98.8	97
2.399301771	2	77.6	77.6
2.461155882	2	68.5	66.6
2.463896048	2	74.7	74
2.520860211	2	92	89.6
2.538428784	3	96.8	96.9
2.59777377	3	89.8	89.4
2.618357442	3	79.3	76.1
2.64216	3	88.8	84.3
2.672847692	3	68.7	68.5
2.707476864	3	48.8	34.8
2.713078125	3	74.1	68.7
2.713619118	3	97.5	96
2.719615663	3	78.6	77.8
2.726556042	3	98.1	98.6
2.72742525	3	98.3	97.8
2.7468	3	85.4	82.8
2.747874088	3	89.3	89.4
2.754648	3	76	72.3
2.767162713	3	88	92.6
2.79585	3	44	42.1
2.8188054	3	81.2	82.5
2.838088912	3	66.3	67.9
2.863419813	3	86.9	83.6
2.883466031	3	76.1	70.7
2.895912	3	78.4	76.5
2.912229503	3	60.1	59.9
2.94191	3	85.2	83.9
2.975892353	3	84.9	81.6
2.9873412	3	95.6	94.7
3.006064286	3	79.1	78.7
3.02587488	3	69.9	63.5
3.0359988	3	91.9	90.9
3.0359988	3	86.4	83.8
3.057708777	3	87.3	91.1
3.114963529	3	88.1	86.9
3.11958	3	61.5	54.8
3.125977826	3	95	95.9
3.126433562	3	76.8	79.7
3.1432875	3	94.3	94
3.176441667	3	91.1	90.4
3.199214118	3	94.9	94
3.2355342	3	92	90.3
3.281646575	3	60.7	55

3.352660633	3	85.8	82.8
3.373826267	3	78.1	74.9
3.399165	3	86.1	83.3
3.4488363	3	99.9	100
3.454826087	3	97.4	97.8
3.496887692	3	88.6	87.7
3.5107047	3	93.4	93.6
3.539737327	3	97.6	97
3.540429	3	94.4	93.1
3.548936945	3	96.6	95.3
3.5683875	3	93.1	90.8
3.598635	3	66.5	55.6
3.646233708	3	92.6	93.8
3.693678261	3	100	100
3.726693609	3	84.6	83.2
3.74088	3	54	49.5
3.8259	3	81.3	78.2
3.844708647	3	100	100
3.859767857	3	93.4	89.9
4.012428169	3	70.4	59.2
4.114084675	3	85.8	82.9
4.128226364	3	67.9	62.5
4.320257865	3	99.9	100
4.372457143	3	94.4	93.3
4.456947115	3	67	60.8
4.60900063	3	92.8	93.3
4.627109455	3	97.7	97.9
4.636670435	3	100	100
4.688847458	3	94.4	95.4
4.782375	3	86.7	83.6
4.804749863	3	90.6	88.2
4.987217143	3	40.8	24
5.03063004	3	99.9	99.9
5.056666381	3	99.8	100
5.128497391	3	96.6	93.8
5.143587375	3	86.6	85.6
5.149053659	3	87.3	86
5.1674175	3	91.9	90.4
5.172486	3	88.6	85.5
5.176027662	3	93.6	93.2
5.203224	3	47.3	37
5.245832389	3	91.3	92.8
5.330754	3	97.7	98.3
5.3361495	3	85.6	86.9

5.356563402	3	96.2	96.1
5.36112576	3	64.7	58.7
5.459214433	3	70.2	67.6
5.555624516	3	100	100
5.560486364	3	95.7	95.8
5.66037	3	76.8	72.3
5.745536966	4	99.6	99.6
5.799441176	4	78.3	75.1
5.822515286	4	94.8	93.4
5.857551	4	64.1	58.2
5.928196438	4	94.8	93
6.01625718	4	77.4	77.5
6.048639474	4	80.3	75.6
6.207710294	4	81	78.3
6.216383739	4	84.4	85.2
6.228007579	4	96.3	95.5
6.2457	4	67.3	57
6.28821	4	94.8	93.5
6.372666954	4	88.9	87.1
6.4215	4	85.2	80.8
6.44964038	4	94.9	95.4
6.510821538	4	87	86.3
6.52365	4	83.8	79.6
6.527201897	4	69.2	64.9
6.602900786	4	94.7	93.5
6.632205395	4	88.8	87.1
6.64464	4	63.7	51.7
6.770179565	4	91.1	89
7.174764706	4	95.7	94.9
7.204464	4	69.2	69.6
7.268549223	4	97.8	98.2
7.2928848	4	94.6	94.7
7.565633814	4	75.6	71.2
7.61907384	4	98.2	97.9
7.630525301	4	91.2	90.4
7.630652695	4	100	100
7.717325769	4	91.8	89.1
7.887688173	4	100	100
7.892409008	4	79.5	77.1
8.104041	4	99.9	99.9
8.168908824	4	96.8	98.3
8.259387097	4	99.9	99.9
8.287049681	4	96	94.6
8.347105263	4	86.5	84.9

8.356826374	4	99.2	98.3
8.41698	4	100	100
8.639253947	4	94.7	96.6
8.78976	4	81.7	76.7
8.891013214	4	96.1	94.8
9.07652592	4	97.2	96.6
9.0777816	4	99.9	100
9.185054754	4	95.6	95.2
9.224418462	4	85.5	83.4
9.455148621	4	74.4	66
9.560624299	4	94	91.9
9.725031496	4	99.9	99.9
10.06551277	4	73.6	71.7
10.1492625	4	86.3	84.9
10.45465714	4	82.7	83
10.6070625	4	96.4	96.2
10.61898904	4	67.1	59.8
10.65881025	4	94.9	93.7
10.70582049	4	94.6	93.4
10.85891538	4	99.9	99.9
11.45506154	4	88.3	90.9
11.68544118	4	94	93.2
12.161457	4	90.6	91.7
12.33424478	4	92	90.4
12.72684	4	93	92.8
12.84817164	4	96.6	95.6
12.88447234	4	91.9	91.3
13.82304462	4	76.3	68.9
13.87826471	4	95.4	93.9
14.0765325	4	27.4	0
14.13621	4	86.5	78.5
14.147001	4	80.2	77.9
14.3553	4	97.1	96.2
14.47845981	4	88.4	87.1
14.49678732	4	64.2	57.6
15.093666	4	88.2	85.5
15.346437	4	94.5	91.7
15.84467388	4	86.3	84.9
16.23109091	4	78.9	73.1
16.29365538	4	89.1	86.4
17.47422332	4	95.5	94.9
17.62312	4	99.9	99.9
18.29942308	4	94.4	93.2
18.346662	4	58.3	51.8

18.54995538	4	95.3	94.1
18.56752714	4	96.5	96.2
18.8917056	4	80.8	83.6
18.90605	4	74.3	71.1
19.347282	4	96.8	96.5
19.41000469	4	68.2	63.5
20.22822	4	65.7	50.8
20.29805786	5	85.9	86
20.298525	5	86.2	82.4
21.04245	5	52.3	21.7
21.09466452	5	97.9	97.5
21.42504	5	61.3	53.2
23.18079918	5	98.9	98.1
23.41647	5	93.9	92.1
25.45695	5	96.4	95.7
25.7265288	5	94.8	93.2
26.83480909	5	92.8	93.9
27.18995657	5	98.3	96.3
27.45249387	5	61.2	57.2
28.66552703	5	93.3	94
28.8935892	5	93.9	93.3
29.13314087	5	54.4	43
29.53236522	5	84.5	81.5
31.024125	5	88.6	87.2
31.25325857	5	95	90
33.99165	5	87	85.2
35.316	5	60	31.5
35.91421574	5	97.8	89.6
36.1228725	5	44	38.9
36.89555642	5	82.4	78.3
37.60880233	5	93.6	91.9
38.88327273	5	96.4	94
38.913	5	100	100
39.24	5	80.4	83.6
41.39435294	5	92.2	89.9
43.2966312	5	100	100
48.2652	5	83.1	79.7
51.5000475	5	93.1	92.9
53.77582035	5	100	100
55.67175	5	70.5	58.6
56.59858174	5	77	70
56.7273913	5	99.9	99.9
57.36268421	5	100	100
57.49968	5	86.5	84.9

57.75402913	5	79.2	76.4
58.65204608	5	91.1	89.9
62.8821	5	91.7	90.5
62.938998	5	100	100
63.38467385	5	91.7	89.6
64.07892	5	69.3	63.3
65.18324571	5	66.1	58.4
69.8472	5	98.7	96.4
69.89625	5	93.1	94.5
79.93880471	5	43.8	30.2
88.99632	5	96.5	96.3
90.1318275	5	77.9	76.4
90.342252	5	86.6	83.3
95.2878	5	81.5	79
99.081	5	96	95.2
100.4544	5	84.7	78.2
102.7005517	5	86.3	79.2
103.2168721	5	99.9	99.9
103.9133333	5	100	100
127.4319	5	100	100
130.0438125	5	91.1	89.2
131.1737143	5	85.8	72.7
144.6454345	5	98.5	96.5
158.83153	5	95.2	93.5
172.1015217	5	99.9	100
181.5463125	5	94.5	93.2
197.8769329	5	75.7	72.8
240.1413962	5	98.5	96.4
297.6577146	5	100	100
300.5427273	5	92.7	87.8
314.618145	5	93.8	91.8
321.1643077	5	90.7	90.8
326.1825	5	100	100
335.4406875	5	90.1	86.1
349.4760565	5	96.6	96.9
472.75371	5	71.4	54.9
622.3464	5	55.1	40.4
652.365	5	97.5	97
782.9878255	5	70.2	64
815.2810714	5	63.1	51
830.4032432	5	100	100
889.3577829	5	84.2	67.3
1012.065	5	87.5	84.6
1043.784	5	90.6	86.4

1048.231854	5	95.4	93.9
1230.61	5	99.2	97.8
1963.821857	5	98.5	98.1
2041.50024	5	79.5	55.4
2308.293	5	73.3	58.1
2698.444548	5	80.3	56.3
6697.691172	5	90.7	79.6

EPSI(mixed)	LIFE(fam)	LIFE(mixed)	% fine sediment
0	5.68	5.62	98
32.4	6.5	6.56	53
67	6.76	7.81	87
88.4	7.32	8.35	0
23.6	5.68	6.15	9
3.3	5.22	5.71	67
91.4	7.5	8.47	3
5.9	5.54	5.74	100
5.3	5.56	5.55	97
63.8	6.73	7.26	17
98.3	7.4	8.29	5
25.7	5.95	6.36	25
36	5.76	6.27	80
26.7	5.97	5.98	83
1.9	5.32	5.25	100
41.3	6.61	6.88	12
2.6	4.63	4.95	100
38.4	6.24	6.53	55
12.5	6.14	6.17	60
8.6	5.56	5.7	98
71.1	6.69	7.52	30
67.9	6.7	7.38	20
41.9	6.16	6.61	33
17	6.31	6.24	29
7.8	5.43	5.41	80
42.9	6.11	6.38	57
25.5	6.29	6.29	79
27.1	5.78	5.85	100
17.3	5.91	6	86
24.4	5.84	6.08	18
15.1	5.76	5.83	97
89.1	7.43	8.35	7
100	7	7.5	3
71.9	6.63	7.24	14
54.8	6.32	7	48
97.3	7.7	8.32	0
73.2	7.14	7.71	19
80.5	7.19	7.7	52
82.7	7.06	8.18	5
96.5	7.96	8.94	10

82.7	7.18	8	30
70.8	6.84	7.57	26
60.9	6.9	7.23	15
31.4	6	6.67	82
69.7	7.33	7.8	8
50.2	6.5	7	32
12.5	5.94	6	84
76.3	7.2	8.18	8
82.7	7.26	8.35	15
72	7.13	7.63	50
17.4	5.62	5.74	33
52.9	6.46	7.15	75
88.4	7.35	8.15	13
81.3	6.97	7.97	2
92.3	7.8	8.71	3
60.4	7	7.39	20
7.7	5.46	5.61	100
79.5	7	7.93	85
60.4	6.57	7	32
31.8	5.74	6.14	69
100	8.14	9	0
13.1	6.13	6.28	59
68.3	6.84	7.63	8
82.4	7.42	7.71	11
88.8	7.21	8.14	0
30.7	6.42	6.72	38
85.2	7.52	8.29	23
35.1	5.96	6.35	97
79.5	7.44	8.42	20
51.1	6.47	6.88	69
97.5	7.68	8.41	17
58.9	5.89	7.04	50
83.6	7.82	8.46	23
89.6	7.77	8.37	22
61.2	6.53	7.07	53
89.5	7.4	8.88	5
60.5	7	7.32	22
75.4	6.71	7.4	4
95.6	7.64	8	4
22	6.17	6.53	100
69.5	7	7.5	37
98.3	8.05	8.73	0
15.1	4.96	5.26	56
84.4	6.96	8.07	3

51.3	6.4	6.72	7
57.6	6.67	7.2	19
62.3	6.76	7.4	37
83.8	7.52	8.07	0
58.1	7	7.53	31
40.1	6.05	6.29	100
97.5	7.74	9.36	3
92.5	7.33	8.38	4
89.2	7.57	8.61	4
50.8	6.16	6.97	13
83.7	7.35	8.19	3
73.5	7.22	7.77	9
41.9	6.5	6.77	90
43.3	6.36	6.7	5
92.9	7.1	7.69	5
86.7	7.28	8.11	1
87.5	7.6	8.73	5
30.4	6.3	6.57	79
12.5	6.11	6.21	11
84.4	7.1	8.05	17
91.4	8.21	8.8	6
76.6	7.5	8.53	18
69.6	6.3	7.5	5
53	6.43	7.25	44
63.4	6.5	7	33
97.3	7.39	8.43	5
45.4	6.65	7.04	23
57.9	6.68	7.13	71
100	7.96	9.45	3
93.7	7.75	8.5	8
78.8	6.78	7.93	5
67.5	6.74	6.96	18
43.2	6.35	6.38	35
98	7.53	8.8	1
91	7.52	8.62	3
62.4	6.67	7.21	41
84.8	7.89	8.78	4
94.5	7.38	8.48	7
86.9	7.21	7.75	53
75	7.24	7.91	40
91	7.58	8.59	3
68.5	6.8	7.56	50
66.9	6.86	7.43	28
94.9	8.1	9.21	3

86	7.41	8.53	6
87.8	7.25	8.11	0
81.4	7.39	7.87	18
8.8	6.12	6.23	10
73.4	6.97	7.46	20
90.5	7.22	7.9	5
81.2	6.78	7.76	0
98.5	7.67	8.36	0
94.9	7.58	8.38	0
95.5	7.91	8.7	0
94.8	7.44	8.14	0
96.6	7.8	9.14	3
90.1	7.19	8.12	0
95.1	7.46	8.92	0
72.3	7	7.56	55
84.8	7.04	8.11	2
87.1	7.26	7.96	7
84.3	7.25	7.89	3
87.7	7.35	7.96	11
81.9	6.81	7.86	1
62.8	6.62	7.43	29
58.2	6.41	7.13	10
80	7.43	8.17	11
57	6.48	7	55
77.3	7.5	8.04	23
74	6.96	7.41	4
85.4	7.47	8.24	13
91.5	7.56	8.45	12
84.7	7.38	7.96	14
76.1	7.29	7.7	5
75.6	6.71	7.68	0
71.2	7.17	7.71	25
73.6	7.17	7.7	18
86.5	6.92	7.9	2
73.6	7.3	7.77	31
88.1	7.35	8.5	10
69.2	6.78	7.75	30
93.6	7.32	8.83	0
57.2	7.05	7.3	65
97.9	7.78	8.84	3
70.7	6.59	7.44	6
81.7	7.52	8.2	8
94.4	7.42	8.64	12
65.7	7	7.59	34

97.6	7.39	9.38	12
81.5	6.94	7.92	9
70.2	7	7.52	48
74.5	6.94	7.68	1
92.7	7.91	8.79	2
96.4	7.78	8.7	1
90	7.67	7.78	0
77.7	7.5	8.21	16
91.5	7.9	8.9	14
75.8	6.96	7.58	2
34.4	6.06	6.04	55
81.1	7.2	7.6	10
98.8	7.87	8.64	4
82.1	7.16	8.33	4
95.5	8.25	8.87	15
98.5	7.95	9.16	8
87.3	7.5	7.97	12
92.5	7.69	8.53	0
85.6	7.64	8.4	16
92.1	6.94	7.94	0
39.9	6.13	6.5	20
85.1	6.95	7.68	7
72.9	6.59	7.72	3
92.5	7.78	8.7	6
73.9	7.17	7.63	32
82.1	7.25	8.1	23
59.5	6.81	7.14	10
89.3	7.6	8.38	2
86.3	7.46	8.07	5
96.5	7.6	8.32	0
85.9	7.1	8.05	17
76.9	6.95	8.09	33
94.2	7.63	8.4	4
86.1	7.22	7.86	5
88.3	6.9	7.85	2
87.1	7.67	8.24	4
64.8	6.65	7.56	38
96.8	7.86	8.63	0
80.7	6.93	7.67	17
94.2	7.79	8.77	13
93.2	7.35	8.28	1
97.4	8.5	8.67	2
95.6	7.78	8.54	50
59.6	6.95	7.33	63

89.3	7.3	8.05	16
79.4	7.33	8.5	57
87.9	7.35	8.2	2
99	8.22	8.29	5
97.5	7.88	8.8	4
92.4	7.65	8.25	0
95.9	7.59	8.32	3
96.5	7.77	8.5	0
92.8	7.9	8.42	5
96.8	7.75	8.39	3
90.3	7.56	8.32	27
75.4	7.29	8.33	37
97.6	7.59	8.33	0
100	7.67	8.69	1
88.5	7.12	8.13	7
54.9	6.19	6.84	30
87.7	7.47	8.12	0
97.9	7.46	8.4	8
92.2	7.63	8.37	13
69	6.91	7.58	22
90.6	7.88	8.66	10
68.7	7.21	7.76	21
100	7.6	8.46	6
95.7	7.65	8.84	12
71.8	7.14	7.64	16
94.9	7.82	8.5	0
100	8	8.77	43
99.3	8.83	8.56	3
95.7	7.79	8.62	4
86.8	7.41	8.15	7
92.9	7.89	8.78	10
31.3	6.14	6.5	100
98.8	7.67	8.3	0
100	8	8.3	0
93.5	7.58	8.94	31
86.3	7.72	8.54	10
91.8	7.21	8.57	2
93.1	7.61	8.56	7
93.4	7.59	8.67	0
95.5	8	8.82	10
21.9	6.24	6.21	15
92.3	7.47	8	6
99.5	8.07	8.67	2
86.8	7.52	7.96	31

96.9	7.8	8.81	3
67	6.81	7.21	10
66.2	6.63	7.44	47
100	9.46	9.4	0
97.7	7.72	8.57	0
73.4	7.61	8.16	34
100	7	8	5
73.5	7.44	7.85	6
92.3	7.6	8.07	3
71.2	6.97	7.66	65
96.2	7.71	8.61	1
79.4	6.92	7.79	3
80.1	7.18	7.84	34
84.5	7.13	7.77	7
87.7	7.57	8.03	1
97	8.1	8.96	3
54.9	6.71	7.11	85
100	7.43	8.46	0
91.5	7.4	8.23	14
89.8	7.06	8.57	17
98.6	7.89	8.36	5
90.4	7.48	8.95	0
88.8	7.85	9	10
70.2	7.15	7.63	33
94.8	7.79	8.42	10
91.7	7.17	7.6	10
55.2	6.77	7.15	30
92.5	7.77	8.54	6
95.1	7.6	8.2	5
67.5	7.37	7.62	49
98.9	7.63	8.63	1
96.4	7.47	8.31	1
76.9	7	7.81	24
98.8	8.05	9	3
94.5	7.35	8	3
100	8.11	8.78	2
94.4	7.52	9.03	19
100	8.39	9.46	0
84.1	7.56	7.94	6
100	7.81	8.36	0
97.7	7.59	8.48	3
99	7.82	8.55	0
96.1	7.82	8.44	0
87.5	7.68	8.5	19

98.4	8	8.79	5
100	8.57	8.8	2
94.5	7.83	8.39	8
77.9	7.55	8.1	85
92.1	7.71	8.5	10
96.7	7.71	8.48	0
99.1	8.11	8.77	0
100	7.67	8.41	0
85.5	7.38	8	12
78.2	7.05	8	28
97.7	7.63	8.31	5
100	7.64	8.64	2
78.3	7.26	8.14	6
84	7.61	8.21	4
90.8	7.07	8.69	5
98.2	7.93	8.59	0
65.2	6.71	7.25	68
97.7	7.59	8.5	29
96.9	8	8.91	2
99.2	7.62	8.29	0
91.1	7.71	8.04	17
98.2	7.52	8.66	7
93.7	7.41	8.27	1
94.8	7.91	8.92	14
92	8.21	9.06	11
99.4	7.58	8.44	13
94.6	7.44	8.55	0
82.5	7.5	8.23	67
93.4	7.91	9.28	5
27.5	5.73	6.4	80
83.5	7.4	8.08	93
84.4	7.32	7.96	34
97.5	7.65	8.35	3
89.2	7.71	8.29	6
64.5	7.09	7.8	45
91.7	7.42	8.39	11
95.5	7.77	8.94	5
88.5	7.67	8.42	12
79.8	7.06	8.33	19
92.8	7.38	8.08	1
96.6	7.43	8.36	0
100	8.2	8.53	0
96	7.31	8.68	4
61.9	6.63	7.25	38

95.1	7.5	8.5	2
98	7.88	8.5	10
91.1	7.32	8.08	2
74.1	7.06	7.47	26
98.3	7.84	8.5	2
73	7	7.8	11
51.3	6.81	7	34
86.4	7.61	8.37	5
86.7	7.33	8.78	6
62	6.5	7	17
98.9	7.73	8.85	0
55.8	6.4	7.77	3
100	7.61	8.57	5
85.8	7.08	8	0
98.1	7.67	8.39	2
85.4	7.47	8	17
95.8	7.78	8.37	7
97.4	8.13	8.77	0
60.3	6.82	7.73	39
94.2	7.26	8.2	10
95.4	7.76	8.48	6
51.6	6.83	7.42	50
77.6	7.55	8.1	46
90.4	7.78	8.87	13
90.9	7	8.18	7
83.7	7.42	8.23	0
64.6	6.64	8.33	63
97	7.33	8.44	0
43.6	6.06	7.07	78
85.1	7.36	8.25	37
95.3	7.83	8.7	8
95	7.71	8.72	9
100	7.93	8.82	4
83.6	6.83	7.67	0
87.5	7.32	8.03	15
100	8.43	9.05	0
77.8	7	8.08	20
94.4	8.06	8.74	5
98.6	8	8.55	8
70.9	7.05	8.53	72
83	7.5	8.52	58
100	7.67	8.54	0
99.4	7.85	8.71	0
93	7.4	8.04	17

81.2	7.12	7.73	49
85	7.04	7.64	7
89.8	7.08	8.07	5
100	8.8	9.31	1
96.8	7.43	8.81	18
73.1	6.67	7.64	39
77.9	7.18	7.9	22
100	7.36	8.8	17
95.1	7.55	7.96	6
35.3	6.13	6.5	83
97.2	7.5	8.54	0
76.5	7.58	8.53	22
92.5	7.73	8.75	14
82.2	7.31	7.97	25
96.5	7.59	8.65	2
78.5	7.33	7.92	9
87.2	7.22	8	29
100	7.67	8.44	0
100	7.77	8.44	0
97.6	8.08	8.57	0
92.6	8.3	8.75	2
92.9	7.13	8.55	21
100	7.56	9	8
99	7.44	8.33	1
100	7.91	8.71	0
97.9	7.73	8.71	2
81.2	7.47	8.37	24
100	7.25	8.8	0
100	8.07	8.95	3
84.9	8.07	8.27	36
97.9	7.39	8.32	13
88.2	7.61	8.47	15
100	8.1	9	4
89.8	7.83	8.55	13
96.5	7.54	8.08	3
77.8	7.36	8.23	28
61.7	6.55	7.73	16
97.9	8.35	9.38	6
78	7.89	9	12
54.5	6.61	7.21	50
93.5	7.57	8.31	0
75.9	6.86	7.5	8
93	7.88	8.78	7
92.7	7.32	8.69	16

92.7	8.06	8.81	10
99.5	8.07	8.9	2
98.8	7.65	8.75	8
80.1	7.08	8.56	41
67.1	7.15	8.29	35
71.7	7.08	8.43	53
89.4	6.73	9.38	88

Site ID	Pre (0) Post(1)	Sample Date	E-PSI(fam69)	Fine sediment (%)
98	0	12/03/1990	75.76	50
98	0	11/06/1990	20.41	10
98	0	19/09/1990	0	20
98	0	17/04/1991	50.81	40
98	0	21/05/1992	45.05	10
98	0	10/09/1992	75.08	15
98	0	08/06/1993	54.95	20
98	0	10/11/1993	75.25	25
98	0	15/03/1994	87.72	5
98	0	05/10/1994	61.66	15
98	0	08/05/2008	74.7	15
98	1	23/09/2008	67.48	15
98	1	21/05/2009	70.94	20
98	1	24/09/2009	47.85	0
98	1	06/05/2010	69.97	20
98	1	04/04/2013	75.65	12
98	1	23/10/2013	62.95	20
98	1	08/05/2014	69.97	0
98	1	15/09/2014	65.61	10
1752	0	08/05/1990	83.33	0
1752	0	02/08/1990	76.3	0
1752	0	09/10/1990	78.01	20
1752	0	21/04/1991	81.78	20
1752	0	09/07/1991	79.7	20
1752	0	11/10/1991	83.38	0
1752	0	16/04/1992	95.3	10
1752	0	15/09/1992	89.99	30
1752	0	04/06/1993	89.87	40
1752	0	18/11/1993	85.12	25
1752	0	25/04/1994	90.06	35
1752	0	26/07/1994	84.1	10
1752	0	23/05/1995	87.77	10
1752	0	22/11/1995	76.92	40
1752	0	10/05/1996	86.67	5
1752	0	18/10/1996	87.64	5
1752	0	22/08/1997	84.42	15
1752	0	27/05/1998	83.51	15
1752	0	06/11/1998	82.97	0
1752	0	07/05/1999	88.36	10
1752	0	02/11/1999	87.36	10
1752	0	30/03/2000	80.94	20
1752	0	19/09/2000	86.62	10
1752	0	14/11/2001	92.12	0

1752	0	26/04/2002	91.76	0
1752	0	01/10/2002	88.68	0
1752	0	25/05/2005	93.83	10
1752	0	07/11/2005	82.42	0
1752	0	16/10/2006	81.42	10
1752	0	18/05/2007	85.85	10
1752	0	30/10/2007	85.66	20
1752	0	11/04/2008	89.44	10
1752	0	17/10/2008	90.94	15
1752	1	06/03/2009	92.36	15
1752	1	16/06/2009	90.95	10
1752	1	28/10/2009	90.27 NA	
1752	1	01/03/2012	88.09	5
1752	1	09/10/2012	90.55	15
1752	1	17/04/2014	93.6	3
7770	0	27/03/1995	69.14	5
7770	0	15/09/1995	53.76	10
7770	0	11/05/1999	73.32 NA	
7770	0	13/10/1999	60.75	5
7770	0	16/03/2000	70.99	20
7770	0	08/09/2000	73.51	10
7770	0	02/08/2001	74.83	40
7770	0	30/10/2001	60.73	40
7770	0	16/05/2002	82.44	15
7770	0	16/07/2002	80.33	20
7770	0	11/10/2002	50.76	10
7770	0	12/03/2003	72.28	20
7770	0	08/10/2003	49.69	10
7770	0	21/03/2006	76.54	50
7770	0	17/05/2006	71.96	50
7770	1	09/11/2006	67.5	40
7770	1	27/03/2008	71.9	3
7770	1	16/10/2008	51.01	30
7770	1	25/04/2013	71.13	20
7770	1	24/10/2013	68.27	30
7770	1	26/03/2014	79.51	35
7804	0	07/03/1995	78.77	15
7804	0	15/09/1995	72.88	20
7804	0	24/03/2000	85.34	20
7804	0	14/11/2000	76.57	100
7804	0	18/03/2003	70.33	70
7804	0	19/11/2003	67.45	90
7804	0	23/05/2006	83.81	100
7804	1	29/11/2006	70.71	30

7804	1	15/04/2008	81.78	40
7804	1	30/10/2008	85.71	50
7804	1	10/05/2013	66.08	90
7804	1	14/11/2013	19.53	100
8574	0	22/08/1994	28.01	30
8574	0	13/12/1994	40.72	30
8574	0	22/03/1995	49.41	65
8574	0	01/11/1995	32.9	15
8574	0	29/04/1996	46.8	30
8574	0	26/09/1996	17.86	29
8574	0	01/03/2000	59.08	30
8574	0	05/09/2000	28.64	45
8574	0	26/03/2002	66.12	20
8574	0	12/09/2002	49.31	10
8574	0	05/04/2004	47.54	40
8574	0	16/09/2004	44.97	49
8574	0	11/04/2005	34.52	20
8574	1	29/09/2005	21.86	50
8574	1	04/04/2006	37.55	30
8574	1	01/11/2006	55.72	8
8574	1	04/05/2007	29.65	12
8574	1	18/09/2007	29.45	20
8574	1	07/05/2008	58.45	57
8574	1	09/04/2009	51.01	20
8574	1	28/10/2009	51	6
8574	1	08/04/2010	74.06	35
8574	1	12/10/2010	40.8	5
8574	1	03/05/2012	51.26	29
8574	1	25/10/2012	80.52	15
8574	1	25/04/2013	67.4	25
8574	1	14/10/2013	51	13
8574	1	15/04/2014	82.21	12
9116	0	02/04/1991	60.03	55
9116	0	27/06/1991	63.23	40
9116	0	03/09/1991	65.23	50
9116	0	02/03/1992	72.99	40
9116	0	03/08/1992	60.73	70
9116	0	25/04/1995	63.04	40
9116	0	23/10/1995	60.31	35
9116	0	17/03/1997	66.48	30
9116	1	18/09/1997	53.33	55
9116	1	14/03/2000	71.03	25
9116	1	11/09/2000	67.64	43
9116	1	23/04/2003	66.91	25

9116	1	22/09/2003	60.02	60
9116	1	13/03/2006	68.75	45
9116	1	04/10/2006	71.3	65
9116	1	07/03/2007	55.83	65
9116	1	11/10/2007	72.71	10
9116	1	27/03/2008	66.58	18
9116	1	04/11/2008	73.67	10
9116	1	30/03/2010	66.84	15
9116	1	29/09/2010	61.05	17
9116	1	18/05/2011	64.91	17
9116	1	13/09/2011	65.83	39
9116	1	09/04/2014	69.31	26
10232	0	09/05/1995	60.19	35
10232	0	14/09/1995	42.35	65
10232	0	31/03/1998	56.28	50
10232	0	25/11/1998	54.02	50
10232	0	22/05/2000	60.12	80
10232	0	19/09/2000	34.13	50
10232	0	25/03/2004	45.88	85
10232	0	15/10/2004	23.98	50
10232	0	15/03/2007	42.61	55
10232	1	20/09/2007	53.37	50
10232	1	22/04/2013	55.86	100
10232	1	21/10/2013	25.57	100
10232	1	20/05/2014	26.85	100
10232	1	07/10/2014	35.93	100
10261	0	26/04/1995	70.73	40
10261	0	06/09/1995	72.24	20
10261	0	22/05/2000	81.68	45
10261	0	24/11/2000	77.73	0
10261	0	20/03/2003	82.32	30
10261	0	27/11/2003	75.17	15
10261	0	30/03/2006	69.47	10
10261	0	31/10/2006	91.64	20
10261	1	15/03/2007	82.67	15
10261	1	19/09/2007	88.99	30
10261	1	20/04/2009	78.06	15
10261	1	22/10/2009	61.66	45
10261	1	27/03/2013	78.41	41
10261	1	12/11/2013	70.56	30
33213	0	13/03/1995	55.53	65
33213	0	14/09/1995	36.44	65
33213	0	20/05/1997	27.5	60
33213	0	09/03/1999	55.23	60

33213	0	06/10/1999	50.58	70
33213	0	08/05/2000	59.64	20
33213	0	14/11/2000	38.21	30
33213	0	06/03/2002	57.53	25
33213	0	09/10/2002	46.6	55
33213	0	14/04/2003	63.13	50
33213	0	06/10/2003	57.47	70
33213	0	11/03/2004	57.99	60
33213	0	20/10/2004	59.9	55
33213	0	27/04/2007	44.1	55
33213	0	16/11/2007	64.43	35
33213	1	07/05/2008	69.38	35
33213	1	23/10/2008	60.22	55
33213	1	01/05/2009	54.85	55
33213	1	15/10/2009	67.32	65
33213	1	07/05/2010	54.05	40
33213	1	02/11/2010	49.09	50
33213	1	28/03/2011	55.71	50
33213	1	09/11/2011	38.76	65
33213	1	05/04/2012	53.54	90
33213	1	14/09/2012	37.11	50
33213	1	14/04/2014	62.77	45
33223	0	23/03/1990	62.6	55
33223	0	25/06/1990	23.13	85
33223	0	22/10/1990	20.46	85
33223	0	12/03/1991	50.65	85
33223	0	05/06/1991	62.4	70
33223	0	03/09/1991	0	95
33223	0	08/10/1992	40.73	35
33223	0	22/07/1994	38.8	90
33223	0	25/05/1995	55.6	45
33223	0	14/11/1995	53.91	45
33223	0	05/03/1997	35.64	50
33223	0	04/05/2000	64.5	70
33223	0	25/09/2000	25.55	90
33223	1	19/05/2004	47.84	95
33223	1	05/11/2004	32.68	90
33223	1	10/03/2011	61.62	77
33223	1	02/11/2011	53.77	60
33223	1	21/03/2014	61.45	90
33909	0	17/09/1991	12.69	91
33909	0	09/03/1992	19.29	70
33909	0	05/10/1992	32.47	55
33909	0	19/08/1993	13.32	37

33909	0	12/07/1994	64.54	58
33909	0	20/03/1995	69.94	19
33909	0	19/09/1995	39.55	65
33909	0	06/05/1998	32.53	70
33909	0	06/05/1998	32.53	70
33909	0	12/11/1998	30.49	85
33909	0	17/05/2000	67.16	20
33909	0	18/10/2000	53.96	40
33909	0	13/04/2004	50.74	15
33909	0	02/09/2004	53.3	90
33909	0	27/03/2009	56.79	70
33909	0	26/10/2009	41	75
33909	0	19/04/2010	54.69	59
33909	1	16/11/2010	31.77	90
33909	1	26/04/2011	31.32	90
33909	1	10/10/2011	20.74	95
33909	1	15/05/2012	45	70
33909	1	20/09/2012	55.47	70
33909	1	25/04/2013	47.97	40
33909	1	20/11/2013	59.79	90
34017	0	09/04/1990	50.56	25
34017	0	11/06/1990	44.27	20
34017	0	01/10/1990	42.93	15
34017	0	08/04/1991	36.52	32
34017	0	03/07/1991	28.87	20
34017	0	05/11/1991	35.45	40
34017	0	27/07/1992	36.16	37
34017	0	23/11/1992	45.88	13
34017	0	15/07/1993	33.78	25
34017	0	16/06/1994	57.64	10
34017	0	20/03/1995	52.51	25
34017	0	05/10/1995	49.09	20
34017	0	10/09/1996	0	15
34017	0	04/04/1997	13.94	75
34017	0	22/05/1998	30.14	15
34017	0	09/11/1998	59.39	35
34017	0	06/05/1999	54.49	15
34017	0	06/10/1999	32.59	20
34017	0	04/05/2000	28.44	20
34017	0	10/11/2000	35.56	20
34017	0	22/05/2001	43.52	35
34017	0	23/05/2001	43.52	35
34017	0	03/10/2001	64.43	30
34017	0	16/04/2002	47.25	20

34017	0	11/09/2002	45.75	25
34017	0	22/11/2002	58.36	35
34017	0	10/03/2003	69.63	25
34017	0	21/10/2003	66.2	25
34017	0	06/05/2004	78.86	10
34017	0	22/11/2004	50.71	15
34017	0	12/04/2005	47.66	10
34017	0	13/09/2005	39.06	20
34017	0	06/03/2006	67.2	45
34017	0	29/08/2006	36.22	20
34017	0	01/05/2007	53.4	20
34017	0	02/07/2007	63.56	30
34017	0	14/11/2007	61.01	30
34017	0	02/04/2008	32.06	20
34017	1	11/07/2008	48.09	20
34017	1	21/10/2008	64.38	30
34017	1	16/04/2009	79.26	10
34017	1	09/07/2009	64.16	30
34017	1	22/10/2009	63.53	15
34017	1	14/04/2010	71.74	15
34017	1	05/07/2010	62.71	5
34017	1	18/10/2010	66.53	5
34017	1	14/03/2011	65.79	5
34017	1	04/07/2011	63.42	10
34017	1	20/09/2011	42.42	10
34017	1	17/04/2012	30.61	0
34017	1	17/07/2012	63.92	25
34017	1	04/09/2012	67.6	0
34017	1	21/03/2013	74.81	20
34017	1	16/07/2013	67.56	10
34017	1	21/10/2013	61.09	20
34017	1	26/03/2014	75.86	10
34034	0	12/03/1990	0	25
34034	0	28/08/1990	31.61	60
34034	0	26/11/1990	36.51	35
34034	0	24/04/1991	29.21	25
34034	0	08/08/1991	48.37	48
34034	0	22/10/1991	44.19	45
34034	0	15/04/1992	26.68	45
34034	0	22/09/1993	41.38	45
34034	0	15/08/1994	25.51	30
34034	0	04/04/1995	43.15	25
34034	0	30/10/1995	47.07	25
34034	0	10/05/1999	44.34	48

34034	0	22/11/1999	47.71	17
34034	0	18/05/2000	39.03 NA	
34034	0	06/03/2002	29.56	49
34034	0	09/10/2002	46.03	40
34034	0	16/04/2003	30.59	30
34034	0	08/07/2003	49.33	25
34034	0	15/10/2003	45.05	40
34034	0	09/03/2004	39.68	28
34034	0	23/09/2004	36.98	38
34034	0	18/04/2005	35.57	35
34034	0	24/10/2005	51.98	30
34034	0	29/03/2007	23.47	20
34034	0	09/10/2007	56.59	40
34034	0	20/05/2009	62.19	30
34034	0	12/04/2010	0	75
34034	0	27/09/2010	44.65	30
34034	0	29/03/2011	17.58	70
34034	1	18/07/2011	32.5	60
34034	1	26/09/2011	33.18	50
34034	1	30/05/2012	44.61	45
34034	1	08/10/2012	24.61	100
34034	1	20/05/2013	27.87	70
34034	1	16/10/2013	33.91	5
34034	1	28/04/2014	46.88 NA	
34117	0	12/12/1990	78.07	35
34117	0	11/04/1991	52.74	20
34117	0	19/09/1991	12.02	60
34117	0	29/04/1992	20.39	24
34117	0	09/07/1992	21.63	11
34117	0	07/04/1993	29.66	10
34117	0	26/07/1993	71.07	7
34117	0	27/04/1994	47.25	12
34117	0	23/08/1994	54.84	7
34117	0	01/03/1995	61.61	9
34117	0	13/07/1995	51.66	12
34117	0	18/09/1995	53.78	30
34117	0	30/04/1996	59.28	19
34117	0	22/07/1996	49.46	10
34117	0	21/04/1998	43.88	8
34117	1	26/05/2005	61.52	9
34117	1	07/09/2005	68.13	22
34117	1	25/04/2008	70.91	40
34117	1	06/08/2008	83.43	0
34117	1	06/11/2008	70.93	35

34117	1	23/03/2009	72.5	20
34117	1	22/07/2009	77.69	40
34117	1	17/09/2009	65.32	15
34117	1	27/04/2010	74.87	25
34117	1	25/10/2010	71.43	30
34117	1	25/05/2011	76.25	10
34117	1	17/10/2011	67.29	20
34117	1	24/05/2012	64.24	30
34117	1	19/09/2012	73.08	25
34117	1	08/04/2013	79	25
34117	1	17/10/2013	76.74	20
34117	1	10/04/2014	76.49	25
34273	0	08/04/1991	43.52	30
34273	0	04/06/1992	43.8	25
34273	0	16/09/1992	37.54	14
34273	0	12/08/1993	53.09	63
34273	0	19/04/1995	61.87	10
34273	0	14/09/1995	57.09	23
34273	0	10/04/1996	60.67	10
34273	0	05/09/1996	61.25	6
34273	0	11/11/1997	42.18	27
34273	0	07/05/1998	55.58	7
34273	0	07/10/1998	49.02	7
34273	0	05/05/2000	36.15	10
34273	0	16/11/2000	72	20
34273	0	05/06/2002	80.87	60
34273	0	11/09/2002	71.58	35
34273	0	02/04/2003	56.28	45
34273	0	10/09/2003	56.65	30
34273	0	06/05/2004	70.07	15
34273	0	05/10/2004	48.95	20
34273	0	29/03/2006	70.98	30
34273	0	20/11/2006	63.52	20
34273	1	27/05/2008	77.39	30
34273	1	28/10/2008	78.28	10
34273	1	18/05/2009	71.69	20
34273	1	05/11/2009	64.73	25
34273	1	30/03/2010	76.86	30
34273	1	08/11/2010	49.69	60
34273	1	07/03/2011	54.5	20
34273	1	04/10/2011	65.55	50
34273	1	24/04/2012	66.33	40
34273	1	04/09/2012	71.33	20
34273	1	26/03/2013	63.59	60

34273	1	22/10/2013	55.21	35
34312	0	12/12/1990	58.05	40
34312	0	06/11/1991	23.37	50
34312	0	02/06/1992	29.23	35
34312	0	26/10/1992	43.55	33
34312	0	02/12/1993	40.96	98
34312	0	08/11/1994	44.83	60
34312	0	08/03/1995	62.62	30
34312	0	18/10/1995	35.78	43
34312	0	21/06/1996	58.74	6
34312	0	14/04/1997	38.81	70
34312	0	29/05/1998	71.24	35
34312	0	04/11/1998	37.38	58
34312	0	12/05/1999	47.04	49
34312	0	27/10/1999	39.53	35
34312	0	13/03/2000	57.32	35
34312	0	10/10/2000	69.33	39
34312	0	09/04/2001	58.42	20
34312	0	10/10/2001	50.48	35
34312	0	24/04/2002	85.33	15
34312	0	20/11/2002	81.26	33
34312	0	26/03/2003	67.19	15
34312	0	05/11/2003	57.33	20
34312	0	12/10/2004	15.2	90
34312	0	15/03/2005	35.26	48
34312	0	21/09/2005	56.47	40
34312	0	31/05/2006	20.42	50
34312	1	08/08/2006	9.82	90
34312	1	14/11/2006	37.32	25
34312	1	14/05/2007	73.56	25
34312	1	18/09/2007	72.54	30
34312	1	12/03/2008	62.8	30
34312	1	22/07/2008	69.07	20
34312	1	06/11/2008	68.9	20
34312	1	28/04/2009	73.47	20
34312	1	14/08/2009	68.89	50
34312	1	09/11/2009	74.91	58
34312	1	06/04/2010	73.04	15
34312	1	06/07/2010	69.35	15
34312	1	18/10/2010	69.13	15
34312	1	19/04/2011	78.95	10
34312	1	11/07/2011	68.84	20
34312	1	24/10/2011	63.22	5
34312	1	02/04/2012	70.02	15

34312	1	17/08/2012	60.26	75
34312	1	10/10/2012	49.53	40
34312	1	23/04/2013	68.62	30
34312	1	01/07/2013	69.1	35
34312	1	12/09/2013	68.36	10
34312	1	24/07/2014	88.36	18
34312	1	25/09/2014	94.26	20
34360	0	26/03/1990	60.23	25
34360	0	18/06/1990	43.29	20
34360	0	25/09/1990	45.69	42
34360	0	29/04/1991	57.57	20
34360	0	08/07/1991	44.43	23
34360	0	12/09/1991	41.67	18
34360	0	04/06/1992	37.71	35
34360	0	12/10/1992	35.71	20
34360	0	24/05/1993	49.61	15
34360	0	05/12/1994	64.36	30
34360	0	30/03/1995	61.02	5
34360	0	16/11/1995	62.31	30
34360	0	27/05/1997	61.79	40
34360	0	11/11/1997	40.76	10
34360	0	21/05/1998	59.33	10
34360	0	18/11/1998	50.69	40
34360	0	22/04/1999	62.6	45
34360	0	13/10/1999	58.88	35
34360	0	06/03/2000	59.21	30
34360	0	10/11/2000	52.17	12
34360	0	02/04/2001	51.46	30
34360	0	26/04/2002	57.21	27
34360	0	04/09/2002	71.88	18
34360	0	14/04/2003	50.76	40
34360	0	12/11/2003	53.8	25
34360	0	19/04/2004	55.12	15
34360	0	16/09/2004	67.35	40
34360	0	09/03/2005	77.31	40
34360	0	28/09/2005	56.2	30
34360	0	30/03/2006	63.59	50
34360	0	30/08/2006	57.79	10
34360	0	07/11/2006	62.28	35
34360	0	18/04/2007	69.28	30
34360	1	28/08/2007	61.89	20
34360	1	12/11/2007	52.02	30
34360	1	18/03/2008	62.03	25
34360	1	27/08/2008	71.46	10

34360	1	10/10/2008	68.92	10
34360	1	29/05/2009	86.75	20
34360	1	19/07/2009	69.71	10
34360	1	09/09/2009	83.43	0
34360	1	13/04/2010	71.05	20
34360	1	16/11/2010	74.89	60
34360	1	22/03/2011	69.07	30
34360	1	16/09/2011	68.88	20
34360	1	09/05/2012	62	20
34360	1	05/09/2012	79.65	0
34360	1	12/04/2013	72.88	43
34360	1	11/11/2013	69.62	25
34360	1	25/03/2014	80.04	0
34379	0	03/05/1990	45.61	65
34379	0	28/08/1990	54.95	65
34379	0	27/09/1990	41.93	75
34379	0	04/04/1991	64.85	55
34379	0	05/08/1991	50.83	40
34379	0	25/09/1991	55.31	45
34379	0	11/05/1992	58.51	40
34379	0	09/07/1992	60.95	60
34379	0	19/08/1993	63.78	60
34379	0	12/10/1993	51.82	75
34379	0	08/06/1994	70.57	15
34379	0	01/05/1995	59.84	20
34379	0	02/06/1995	67.17	59
34379	0	11/09/1995	70.13	20
34379	0	22/10/1996	57.13	55
34379	0	04/03/1998	56.69	45
34379	0	06/03/1998	59.61	45
34379	0	09/03/1998	57.04	45
34379	0	16/03/1998	60.27	45
34379	0	25/03/1999	66.6	69
34379	0	30/09/1999	43.24	90
34379	0	07/03/2000	63.66	60
34379	0	20/09/2000	60.64	50
34379	0	11/03/2003	46.54	55
34379	0	27/10/2005	65.94	45
34379	0	06/04/2006	56.67	95
34379	0	10/10/2006	65.08	69
34379	0	22/10/2009	65.94	45
34379	0	25/03/2010	81.78	45
34379	0	31/08/2010	65.98	50
34379	1	25/05/2011	71.54	68

34379	1	17/11/2011	66.02	20
34379	1	17/05/2013	82.19	35
34379	1	01/10/2013	72.94	40
34379	1	31/03/2014	86.51	65
35274	0	21/03/1990	60.61	25
35274	0	18/06/1990	12.98	80
35274	0	05/11/1990	19.49	80
35274	0	02/04/1991	43.1	40
35274	0	22/08/1991	8.22	85
35274	0	09/10/1991	14.62	50
35274	0	22/06/1992	22.16	85
35274	0	15/10/1992	65.79	30
35274	0	27/08/1993	47.59	60
35274	0	12/10/1994	58.32	20
35274	0	03/04/1995	62.75	35
35274	0	08/09/1995	24.55	55
35274	0	24/06/1997	27.38	50
35274	0	06/03/2000	60.75	15
35274	0	25/09/2000	12.11	99
35274	0	01/04/2003	22.83	85
35274	0	10/09/2003	15.87	65
35274	0	02/03/2006	35.4	80
35274	0	16/10/2006	36.7	50
35274	1	14/05/2009	71.21	40
35274	1	27/11/2009	61.75	38
35274	1	14/05/2013	64.89	75
35274	1	29/10/2013	20.49	90
35477	0	23/11/1994	64.42	20
35477	0	01/03/1995	53.66	45
35477	0	28/11/1995	54.4	40
35477	0	15/05/1996	62.13	35
35477	0	17/05/2000	72.21	30
35477	0	03/10/2000	62.09	30
35477	0	30/04/2002	65.23	40
35477	0	12/09/2002	63.15	35
35477	0	09/03/2005	63.72	30
35477	0	06/10/2005	74.03	14
35477	0	22/05/2009	78.38	40
35477	0	11/11/2009	75.13	50
35477	0	25/05/2010	76.69	20
35477	1	16/09/2010	80.44	10
35477	1	26/05/2011	79.88	15
35477	1	29/10/2011	72.1	20
35477	1	29/04/2014	75.95	0

35528	0	15/03/1991	33.78	35
35528	0	31/03/2000	51.08	45
35528	0	18/09/2000	58.81	90
35528	0	19/09/2001	52.77	90
35528	0	08/05/2002	58.75	85
35528	0	30/10/2003	40.92	80
35528	0	24/04/2004	28.06	55
35528	0	17/09/2004	39.93	90
35528	1	09/05/2005	0	90
35528	1	23/09/2005	0	70
35528	1	26/04/2006	17.12	85
35528	1	17/10/2006	16.42	50
35528	1	25/05/2007	46	10
35528	1	15/11/2007	59.36	25
35528	1	07/05/2008	67.53	50
35528	1	29/09/2008	53.93	65
35528	1	07/05/2009	68.98	40
35528	1	14/10/2009	53.49	50
35528	1	28/04/2010	61.44	35
35528	1	27/10/2010	51.08	55
35528	1	10/05/2011	45.84	40
35528	1	26/10/2011	43.35	50
35528	1	31/05/2012	34.14	40
35528	1	14/11/2012	44.24	45
35528	1	16/05/2013	58.2	55
35528	1	21/11/2013	56.61	80
35847	0	10/04/1995	31.49	30
35847	0	09/10/1995	23.19	95
35847	0	13/08/1997	29.27	30
35847	0	19/05/2000	52.19	69
35847	0	05/09/2000	40.71	100
35847	0	30/04/2002	44.73	100
35847	0	29/10/2002	39.55	100
35847	0	18/03/2003	24.88	10
35847	0	20/11/2003	31.49	100
35847	1	11/05/2005	52.42	70
35847	1	02/11/2005	0	90
35847	1	25/04/2008	24.27	90
35847	1	30/09/2008	40.9	100
35847	1	10/05/2013	50.71	100
35847	1	19/09/2013	17.05	100
35911	0	14/03/1990	31.1	60
35911	0	24/07/1990	0	90
35911	0	05/11/1990	9.48	100

35911	0	02/04/1991	24.82	70
35911	0	10/06/1991	18.04	98
35911	0	20/09/1991	6.12	100
35911	0	02/04/1992	24.65	95
35911	0	07/09/1992	9.58	100
35911	0	18/02/1993	57.3	70
35911	0	04/05/1994	17.99	83
35911	0	17/05/1995	35.22	90
35911	0	08/09/1995	23.16	80
35911	0	06/05/1997	20.59	80
35911	0	08/04/1999	38.53	15
35911	0	28/10/1999	35.1	40
35911	0	24/03/2000	40.68	60
35911	0	25/09/2000	42.27	30
35911	0	08/04/2002	47.01	60
35911	0	01/04/2003	27.04	95
35911	0	10/09/2003	17.05 NA	
35911	0	28/09/2004	5.85	85
35911	0	02/03/2006	28.09	30
35911	0	16/10/2006	30.12	35
35911	0	18/04/2007	42.07	30
35911	0	26/09/2007	33.92	35
35911	0	07/05/2008	43.12	20
35911	0	25/09/2008	47.7	50
35911	0	14/05/2009	59.81	40
35911	0	11/11/2009	43.01	50
35911	0	23/04/2010	53.27	28
35911	0	13/11/2010	42.31	25
35911	1	27/05/2011	51.59	30
35911	1	09/11/2011	41.22	25
35911	1	19/03/2012	39.53	15
35911	1	12/03/2013	31.18	45
35911	1	23/10/2013	45.59	0
35984	0	26/05/1995	61.93	85
35984	0	12/10/1995	33.96	55
35984	0	20/08/1997	18.07	85
35984	0	20/04/1999	46.18	94
35984	0	12/10/1999	32.13	90
35984	0	15/05/2000	44.23	100
35984	1	12/09/2000	49.43	100
35984	1	13/03/2003	50.73	80
35984	1	25/09/2003	49.41	100
35984	1	30/05/2006	46.71	90
35984	1	06/11/2006	41.92	100

35984	1	20/05/2013	58.54	75
35984	1	31/10/2013	21.6	100
36008	0	15/08/1990	31.78	15
36008	0	08/08/1995	0	40
36008	0	09/05/2002	49.81	18
36008	0	03/09/2002	58.48	30
36008	0	12/03/2003	55.61	40
36008	0	03/07/2003	62.42	40
36008	0	09/09/2003	58.39	35
36008	0	14/04/2004	55.67	15
36008	0	09/09/2004	56.69	20
36008	0	09/05/2005	53.13	5
36008	0	18/11/2005	51.94	20
36008	0	21/03/2006	61.41	35
36008	0	30/10/2006	47.43	25
36008	0	02/05/2007	55.83	15
36008	0	19/10/2007	81.35	20
36008	1	29/05/2009	52.86	20
36008	1	20/10/2009	57.16	30
36008	1	07/04/2010	56.67	20
36008	1	12/10/2010	46.88	55
36008	1	13/04/2011	60.31	15
36008	1	14/07/2011	54.6	37
36008	1	08/11/2011	60.29	10
36008	1	04/04/2012	50.76	45
36008	1	30/10/2012	65.72	37
36008	1	24/05/2013	70.62	10
36008	1	03/09/2013	63.42	10
36008	1	12/05/2014	61.84	10
36113	0	26/03/1990	0	79
36113	0	27/06/1990	0	49
36113	0	05/11/1990	0	50
36113	0	06/03/1991	29.07	59
36113	0	19/06/1991	31.66	40
36113	0	14/10/1991	18.82	85
36113	0	02/07/1992	0	95
36113	0	01/09/1992	31.35	100
36113	0	12/05/1993	50.51	80
36113	0	05/10/1994	45.33	70
36113	0	19/04/1995	25.89	75
36113	0	07/05/1995	0	75
36113	0	17/10/1995	0	65
36113	0	13/08/1996	14.49	50
36113	0	18/05/1998	39.25	95

36113	0	26/11/1998	54.32	20
36113	0	19/05/1999	0	70
36113	0	02/11/1999	33.94	30
36113	0	23/11/1999	53.29	30
36113	0	17/05/2000	0	40
36113	0	27/09/2000	60.81	55
36113	0	20/12/2000	29.07	100
36113	0	18/04/2001	0	100
36113	0	28/08/2001	33.97	60
36113	0	02/11/2001	18.66	75
36113	0	10/04/2002	20.73	80
36113	0	04/09/2002	34.24	60
36113	0	17/03/2003	20.49	47
36113	0	20/10/2003	42.11	60
36113	0	27/05/2004	32.41	50
36113	0	22/11/2004	39.5	95
36113	0	16/05/2005	20.66	65
36113	0	27/10/2005	42.74	40
36113	0	11/05/2006	0	15
36113	0	31/10/2006	18.07	60
36113	0	22/05/2007	12.08	15
36113	0	03/09/2007	20.49	30
36113	1	27/05/2009	30.61	85
36113	1	21/10/2009	42.13	45
36113	1	24/04/2013	42.23	10
36113	1	07/11/2013	42.37	35
36204	0	03/04/1990	54.72	30
36204	0	05/06/1990	64.21	25
36204	0	05/09/1990	54.86	70
36204	0	14/03/1991	68.99	30
36204	0	13/06/1991	64.68	45
36204	0	17/09/1991	64.8	15
36204	0	01/06/1992	65.33	25
36204	0	03/09/1992	62.96	30
36204	0	15/04/1993	65.67	20
36204	0	01/06/1994	65.81	30
36204	0	01/05/1995	74.43	10
36204	0	26/09/1995	44.23	25
36204	0	22/07/1996	50.72	30
36204	0	18/05/1999	75.52	20
36204	0	16/11/1999	69.57	20
36204	0	17/03/2000	73.56	20
36204	0	22/09/2000	66.25	30
36204	0	07/05/2003	80.2	20

36204	0	28/11/2003	44.52	40
36204	0	13/03/2006	57.42	60
36204	0	15/11/2006	62.03	30
36204	0	15/04/2009	84.84	10
36204	0	23/11/2009	65.13	50
36204	0	28/05/2010	61.41	20
36204	0	22/09/2010	61.89	15
36204	0	28/03/2011	69.8	20
36204	0	23/09/2011	64.21	5
36204	0	23/03/2012	48.4	55
36204	1	28/09/2012	74.63	20
36204	1	15/05/2013	75.8	30
36204	1	31/10/2013	68.41	25
36204	1	12/05/2014	63.16	15
36222	0	28/03/1990	76.05	20
36222	0	19/07/1990	51.81	45
36222	0	06/09/1990	74.39	35
36222	0	06/03/1991	79.09	35
36222	0	27/06/1991	61.09	40
36222	0	05/09/1991	73.51	32
36222	0	14/05/1992	69.08	35
36222	0	28/07/1992	76.33	20
36222	0	17/03/1993	81.48	50
36222	0	23/08/1994	69.74	55
36222	0	25/05/1995	81.76	55
36222	0	14/11/1995	54	60
36222	0	17/06/1996	89.81	10
36222	0	01/07/1997	71.35	35
36222	0	14/10/1997	60.89	20
36222	0	21/03/2000	76.76	25
36222	0	16/10/2000	68.55	30
36222	0	10/10/2001	73.61	20
36222	0	05/04/2002	75.01	30
36222	0	06/05/2003	74.94	35
36222	0	28/11/2003	51.84	30
36222	0	23/03/2004	70.2	30
36222	0	04/10/2004	77.24	10
36222	0	22/04/2005	77.99	15
36222	0	13/09/2005	71.43	15
36222	0	29/10/2007	76.25	10
36222	0	15/04/2009	74.82	15
36222	0	25/11/2009	68.21	23
36222	0	25/05/2010	76.81	5
36222	1	20/10/2010	80.14	5

36222	1	28/03/2011	76.74	10
36222	1	26/09/2011	81.91	25
36222	1	26/03/2012	78.08	45
36222	1	28/09/2012	79.25	12
36222	1	08/05/2013	80.12	29
36222	1	17/09/2013	82.54	35
36242	0	08/03/1990	23.91	60
36242	0	12/06/1990	15.06	80
36242	0	13/09/1990	17.06	80
36242	0	16/05/1991	6.44	90
36242	0	30/07/1991	34.96	100
36242	0	30/10/1991	20.14	98
36242	0	26/05/1992	28.6	90
36242	0	28/07/1992	18	95
36242	0	31/03/1993	24.42	70
36242	0	07/09/1994	23.84	75
36242	0	25/04/1995	21.11	85
36242	0	23/10/1995	10.64	80
36242	0	21/04/1997	9.65	80
36242	0	13/05/1999	37.22	79
36242	0	10/05/2000	51.84	100
36242	0	23/11/2000	60.73	100
36242	0	30/04/2002	40.09	90
36242	0	24/03/2003	38.83	25
36242	1	31/05/2006	35.46	95
36242	1	06/05/2009	28.41	100
36242	1	28/10/2009	30.41	100
36242	1	07/05/2013	38.17	98
36242	1	14/10/2013	25.45	90
42106	0	21/04/1995	67.36	20
42106	0	24/10/1995	63.28	55
42106	0	16/05/1997	48.62	50
42106	0	01/10/1997	48.08	25
42106	0	14/04/1999	64.44	40
42106	0	16/09/1999	50.66	90
42106	0	14/04/2000	62.54	50
42106	0	06/09/2000	65.5	25
42106	0	21/05/2003	56.39	50
42106	1	05/09/2003	71.72	40
42106	1	27/05/2004	55.69	95
42106	1	19/10/2004	60.56	49
42106	1	18/04/2007	56	100
42106	1	11/09/2007	52.37	90
42106	1	20/03/2008	61.13	35

42106	1	29/09/2008	54.6	100
42106	1	06/05/2009	59.93	70
42106	1	22/09/2009	56.35	90
42106	1	05/05/2010	40.79	60
42106	1	22/09/2010	55.06	80
42106	1	31/05/2011	23.3	90
42106	1	11/10/2011	53.08	100
42106	1	09/03/2012	65.03	90
42106	1	24/10/2012	47.43	65
42106	1	27/03/2013	53.42	69
42106	1	05/09/2013	48.18	70
42106	1	20/03/2014	57.2	47
42376	0	13/04/1995	53.19	10
42376	0	23/10/1995	33.09	50
42376	0	23/10/1995	33.09	50
42376	0	20/05/1997	57.11	50
42376	0	15/10/1997	49.2	20
42376	0	22/04/1999	71.26	5
42376	0	27/10/1999	57.8	5
42376	0	18/04/2000	64.62	0
42376	0	19/12/2000	22.73	5
42376	0	02/04/2003	55.67	20
42376	0	21/04/2004	67.45	50
42376	0	08/09/2004	91.46	40
42376	0	13/04/2007	95.43	60
42376	0	05/09/2007	95.45	10
42376	1	21/05/2008	96.44	10
42376	1	04/11/2008	87.65	20
42376	1	13/03/2013	76.83	18
42376	1	10/09/2013	70.3	30
42376	1	31/03/2014	50.89	30
42376	1	09/10/2014	76.37	20
42887	0	21/03/1990	76.19	80
42887	0	02/08/1990	26.56	85
42887	0	08/10/1990	30.08	90
42887	0	12/03/1991	74.05	10
42887	0	22/08/1991	66.06	50
42887	0	26/03/1992	62.93	10
42887	0	02/06/1993	65.58	30
42887	0	12/11/1993	67.32	35
42887	0	09/11/1994	40.81	50
42887	0	23/05/1995	68.07	45
42887	0	15/11/1995	46.31	60
42887	0	08/05/1996	65.06	5

42887	0	06/11/1996	56.07	17
42887	0	22/05/1998	63.35	30
42887	0	29/10/1998	46.22	30
42887	0	03/06/1999	57.92	55
42887	0	07/04/2000	69.95	65
42887	0	04/12/2000	66.63	30
42887	0	19/03/2003	76.41	50
42887	0	22/09/2003	60.02	85
42887	0	27/04/2006	62.38	20
42887	0	20/09/2006	62.98	35
42887	1	16/04/2009	73.19	50
42887	1	08/09/2009	67.43	50
42887	1	21/04/2010	75.69	10
42887	1	29/09/2010	65.35	80
42887	1	31/05/2011	70.17	25
42887	1	08/11/2011	55.05	50
42887	1	30/04/2012	63.92	50
42887	1	10/10/2012	43.74	30
42887	1	21/05/2013	70.41	60
42887	1	23/10/2013	46.13	30
42887	1	08/05/2014	66.76	88
43545	0	05/03/1990	66.96	80
43545	0	02/07/1990	56.23	20
43545	0	27/09/1990	49.09	10
43545	0	06/12/1990	55.37	15
43545	0	26/03/1991	44.72	10
43545	0	13/06/1991	65.43	10
43545	0	11/09/1991	45.98	20
43545	0	10/12/1991	55.11	5
43545	0	17/03/1992	62.73	5
43545	0	22/06/1992	53.63	10
43545	0	04/08/1992	44.43	30
43545	0	30/09/1992	51.97	20
43545	0	10/12/1992	68.32	10
43545	0	14/07/1993	65.26	10
43545	0	22/10/1993	62.03	10
43545	0	11/05/1995	75.02	20
43545	0	30/10/1995	79.06	20
43545	0	17/05/1996	67.18	30
43545	0	30/10/1996	72.27	5
43545	0	06/05/1998	79.41	10
43545	0	01/09/1998	70.99	20
43545	0	05/05/2000	79.98	25
43545	0	18/09/2000	81.99	5

43545	0	18/07/2002	80.36	30
43545	0	21/05/2003	87.61	40
43545	0	10/09/2003	65.17	50
43545	0	21/05/2004	84.95	15
43545	1	21/09/2004	75.2	29
43545	1	20/04/2005	75.98	20
43545	1	16/09/2005	64	20
43545	1	11/10/2006	67.47	5
43545	1	09/05/2007	75.71	10
43545	1	06/09/2007	76.61	30
43545	1	21/04/2010	79.08	10
43545	1	21/09/2010	73.92	40
43545	1	13/03/2012	58.03	30
43545	1	08/10/2012	71.87	20
43625	0	21/03/1990	35.85	50
43625	0	12/03/1991	41.87	50
43625	0	11/11/1991	48.26	10
43625	0	22/05/1998	30.29	100
43625	0	15/05/2000	67.55	90
43625	0	04/12/2000	54.99	80
43625	0	01/05/2002	52.69	80
43625	0	22/10/2002	0	100
43625	0	30/10/2003	25.64	90
43625	0	22/04/2004	63.18	100
43625	0	22/09/2004	0	100
43625	0	11/04/2005	53.4	100
43625	0	25/10/2005	29.07	100
43625	0	03/05/2007	55.68	40
43625	0	22/04/2008	71	95
43625	0	09/09/2008	44.7	95
43625	0	16/04/2009	70.36	75
43625	0	08/09/2009	70.16	60
43625	1	28/06/2010	67.99	30
43625	1	13/04/2011	74.64	70
43625	1	08/11/2011	71.99	50
43625	1	03/04/2012	69.92	60
43625	1	10/10/2012	58.3	75
43625	1	21/05/2013	72.01	35
43625	1	23/10/2013	64.51	70
43806	0	03/05/1995	52.29	65
43806	0	17/10/1995	38.83	70
43806	0	22/05/1997	65.4	100
43806	0	17/11/1997	44.96	90
43806	0	30/03/1999	60.36	20

43806	0	12/10/1999	58.14	70
43806	0	16/05/2000	64.97	25
43806	0	25/10/2000	75.42	60
43806	0	10/04/2003	74.28	30
43806	0	11/09/2003	65.4	50
43806	0	21/05/2004	80.57	20
43806	0	08/09/2004	58.92	80
43806	0	20/04/2005	59.97	90
43806	0	08/09/2005	74.61	100
43806	0	07/03/2006	67.57	100
43806	0	02/11/2006	67.34	100
43806	0	13/04/2007	35.89	80
43806	0	06/09/2007	38.57	100
43806	0	09/05/2008	44.42	80
43806	0	03/11/2008	53.32	100
43806	1	31/03/2009	61.45	100
43806	1	13/10/2009	26.69	100
43806	1	16/05/2013	77.22	20
43806	1	05/09/2013	78.3	25
43806	1	01/04/2014	67.02	50
46928	0	19/03/1990	25.42 NA	
46928	0	02/07/1990	9.43 NA	
46928	0	10/04/1991	24.37 NA	
46928	0	14/10/1991	9.29 NA	
46928	0	03/03/1992	14.49	70
46928	0	08/09/1992	0	40
46928	0	03/02/1993	25.42	40
46928	0	20/10/1993	0	30
46928	0	08/03/1994	32.57	50
46928	0	24/10/1994	0	70
46928	0	23/03/1995	56.82	80
46928	0	06/09/1995	0	30
46928	0	13/06/1996	0	60
46928	0	08/07/1997	21.07	60
46928	0	05/11/1997	22.05	50
46928	0	01/04/1998	19.61	50
46928	0	17/11/1998	26.82	60
46928	0	03/05/2000	17.58	60
46928	0	26/10/2000	26.45	40
46928	1	25/09/2002	36.87	20
46928	1	22/04/2004	37.09	10
46928	1	22/04/2004	19.13	10
46928	1	04/11/2004	35.85	90
46928	1	23/05/2007	14.83	20

46928	1	06/11/2007	34.24	10
46928	1	31/05/2013	31.03	15
46928	1	04/09/2013	51.18	5
47041	0	02/03/1990	61.42 NA	
47041	0	19/06/1990	81.72 NA	
47041	0	08/10/1990	79.56	0
47041	0	04/03/1991	71.96	0
47041	0	17/07/1991	70.94	0
47041	0	13/10/1991	62.48	0
47041	0	13/02/1992	84.15	0
47041	0	24/06/1992	74.86	20
47041	0	31/10/1992	76.14	20
47041	0	30/03/1993	83.3	0
47041	0	26/07/1993	73.71	0
47041	0	22/11/1993	77.86	10
47041	0	09/05/1994	80.88	20
47041	0	22/08/1994	87.69	0
47041	0	08/03/1995	86.23	10
47041	0	13/09/1995	78.88	0
47041	0	20/05/1996	85.47	0
47041	0	23/10/1996	55.66	10
47041	0	17/06/1997	64.38	5
47041	0	28/10/1997	76.78	10
47041	0	22/04/1998	69.14	20
47041	0	18/09/1998	78.94	0
47041	0	23/11/1998	87.86	5
47041	0	28/04/1999	91.56	10
47041	0	13/03/2000	96.3	0
47041	0	18/10/2000	84.43	15
47041	0	20/09/2001	86.29	0
47041	0	16/04/2003	94.73	10
47041	0	19/09/2003	88.5	10
47041	0	28/04/2005	100	15
47041	0	07/04/2006	96.74	10
47041	1	20/09/2006	83.79	10
47041	1	01/05/2009	95.3	10
47041	1	18/11/2009	82.66	15
47041	1	26/05/2010	77.25	15
47041	1	02/11/2010	88.64	5
47041	1	25/05/2011	91.56	15
47041	1	30/08/2011	89.87	5
47041	1	23/09/2011	91.81	5
47041	1	21/03/2012	92.51	5
47041	1	14/11/2012	85.5	15

47041	1	07/05/2013	95.18	2
47041	1	27/11/2013	83.8	5
47041	1	13/05/2014	86.78	2
47122	0	13/04/1993	67.41	40
47122	0	04/08/1993	64.65	30
47122	0	17/11/1993	49.02	30
47122	0	01/05/1994	59.39	30
47122	0	21/11/1994	60.18	30
47122	0	27/04/1995	66.33	30
47122	0	27/10/1995	46.4	50
47122	0	29/08/1997	47.08	30
47122	0	27/11/1997	41.74	30
47122	0	31/03/1998	64.65	20
47122	0	20/11/1998	59.58	30
47122	0	25/10/1999	32.73	40
47122	0	21/03/2000	67.49	20
47122	0	09/10/2000	53.8	40
47122	0	12/04/2002	68.27	20
47122	0	01/10/2002	59.13	30
47122	0	05/05/2005	65.02	40
47122	0	04/10/2005	65.27	25
47122	1	21/09/2011	49.54	20
47122	1	21/03/2012	53.09	50
47122	1	26/04/2013	63.13	60
47122	1	24/10/2013	67.56	15
47273	0	09/04/1990	46.15 NA	
47273	0	28/06/1990	43.35 NA	
47273	0	23/10/1990	67.11 NA	
47273	0	02/07/1991	0	0
47273	0	05/12/1991	41.67	20
47273	0	13/05/1992	27.57	50
47273	0	24/08/1992	44.84	60
47273	0	14/12/1992	41.81	40
47273	0	19/04/1993	50.6	10
47273	0	13/07/1993	54.62	20
47273	0	22/11/1993	37.48	0
47273	0	27/04/1994	31.81	40
47273	0	24/10/1994	16.13	0
47273	0	15/05/1995	63.91	20
47273	0	20/07/1995	52.7	0
47273	0	09/10/1995	40.58	30
47273	0	12/07/1996	41.19	10
47273	0	12/12/1996	37.54	5
47273	0	09/07/1997	44.09	20

47273	0	09/12/1997	42.48	5
47273	0	22/05/1998	48.36	0
47273	0	06/05/1999	46.97	30
47273	0	14/10/1999	33.78	40
47273	0	10/04/2000	56.48	30
47273	0	24/10/2000	50.65	35
47273	0	04/09/2001	68.36	30
47273	0	19/04/2002	56.1	20
47273	0	20/09/2002	56.89	30
47273	0	19/03/2003	77.01	30
47273	0	08/10/2003	51.69	30
47273	0	14/03/2005	61.85	20
47273	0	14/09/2005	49.72	30
47273	0	27/09/2005	59.8	30
47273	0	07/04/2006	52.58	40
47273	0	18/08/2006	15.31	60
47273	0	13/09/2006	55.69	50
47273	0	04/05/2007	57.89	30
47273	0	22/10/2007	60.74	50
47273	0	09/04/2008	56.46	20
47273	1	06/11/2008	54.45	30
47273	1	13/10/2009	52.92	10
47273	1	01/05/2013	66.34	50
47273	1	24/09/2013	52.19	10
47273	1	23/04/2014	60.27	25
47526	0	02/04/1990	44.75 NA	
47526	0	25/07/1990	40.72 NA	
47526	0	16/10/1990	26.91 NA	
47526	0	10/04/1991	47.03	30
47526	0	10/06/1991	47.03	20
47526	0	05/11/1991	47.77	40
47526	0	07/04/1992	25.51	30
47526	0	07/10/1992	35.93	30
47526	0	08/03/1993	51.94	20
47526	0	18/10/1993	39.84	30
47526	0	10/03/1994	58.26	30
47526	0	31/10/1994	51.98	30
47526	0	17/03/1995	58.72	30
47526	0	08/11/1995	49.58	30
47526	0	22/07/1996	45.1	30
47526	0	29/05/1998	45.35	45
47526	0	29/09/1999	60.53 NA	
47526	0	09/03/2000	51.94	30
47526	0	17/11/2000	49.87	20

47526	0	30/05/2003	45.28	20
47526	0	30/10/2003	44.23	30
47526	0	21/03/2006	48.14	35
47526	0	01/11/2006	53.33	40
47526	1	13/05/2009	65.92	45
47526	1	22/10/2009	73.36	10
47526	1	30/04/2013	49.65	25
47526	1	20/11/2013	46.96	20
48442	0	04/01/1990	43.1 NA	
48442	0	25/04/1990	37.97 NA	
48442	0	05/08/1990	37.58 NA	
48442	0	30/10/1990	55.2 NA	
48442	0	21/04/1991	47.23	20
48442	0	07/08/1991	28.87	25
48442	0	05/12/1991	42.33	30
48442	0	14/05/1992	45.88	30
48442	0	09/11/1992	46.13	20
48442	0	28/04/1993	52.08	30
48442	0	04/08/1993	40.21	20
48442	0	17/11/1993	52.72	30
48442	0	01/05/1994	43.05	20
48442	0	21/11/1994	39.43	30
48442	0	26/04/1995	55.22	30
48442	0	09/10/1995	5.87	40
48442	0	14/08/1996	41.3	30
48442	0	29/08/1997	46.03	20
48442	0	27/11/1997	47.47	20
48442	0	31/03/1998	53.71	20
48442	0	18/11/1998	42.92	20
48442	0	27/10/1999	54.66	20
48442	0	21/03/2000	58.93	20
48442	0	17/10/2000	59.19	10
48442	0	01/11/2001	58.22	15
48442	0	17/04/2003	51.83	20
48442	0	06/10/2003	54.02	20
48442	0	07/10/2004	60.27	20
48442	0	20/04/2006	56.86	10
48442	0	30/11/2006	58.42	0
48442	0	25/04/2007	65.94	10
48442	0	24/09/2007	49.7	40
48442	0	08/05/2008	68.78	20
48442	0	25/09/2008	59.37	10
48442	0	14/04/2009	69.98	10
48442	0	30/09/2009	62.71	15

48442	0	28/04/2010	68.52	15
48442	0	21/09/2010	63.42	10
48442	0	12/05/2011	61.16	20
48442	0	21/09/2011	74.99	10
48442	0	16/05/2012	61.82	15
48442	1	11/10/2012	68.7	10
48442	1	24/05/2013	80.53	20
48442	1	13/11/2013	71.84	20
48442	1	31/03/2014	72.12	25
48442	1	18/09/2014	75.7	20
49171	0	22/03/1990	72.42 NA	
49171	0	20/06/1990	76.94 NA	
49171	0	26/09/1990	66.47 NA	
49171	0	15/04/1991	69.49	0
49171	0	06/11/1991	73.74	40
49171	0	08/06/1992	77.1	0
49171	0	23/12/1992	80.79	0
49171	0	25/01/1993	87.78	0
49171	0	05/05/1993	92.92	0
49171	0	31/08/1993	75.9	5
49171	0	25/11/1993	68.2	20
49171	0	17/05/1994	80.41	10
49171	0	14/09/1994	68.45	50
49171	0	14/03/1995	82.97	0
49171	0	25/09/1995	77.77	10
49171	0	28/03/1996	84.73	40
49171	0	10/12/1996	79.05	10
49171	0	03/06/1997	82.09	15
49171	0	28/10/1997	80.67	5
49171	0	20/05/1998	88.08	10
49171	0	09/10/1998	96.43	5
49171	0	26/05/1999	87.12	10
49171	0	07/04/2000	87.82	20
49171	0	24/10/2000	92.97	20
49171	0	14/12/2001	91.27	10
49171	0	25/06/2002	90.28	10
49171	0	16/04/2003	92.86	30
49171	0	19/09/2003	94.45	20
49171	0	26/04/2006	82.08	15
49171	1	07/09/2006	89.68	30
49171	1	26/09/2007	96.26	20
49171	1	28/05/2008	98.43	20
49171	1	05/11/2008	87.27	25
49171	1	09/04/2009	95.21	40

49171	1	19/10/2009	75.8	30
49171	1	19/04/2010	96.08	15
49171	1	12/10/2010	89.52	35
49171	1	22/03/2011	88.35	15
49171	1	15/08/2011	90.35	10
49171	1	20/09/2011	88.61	15
49171	1	20/03/2012	97	10
49171	1	29/08/2012	78.48	20
49171	1	19/11/2012	91.29	15
49171	1	21/03/2013	98.04	20
49171	1	19/09/2013	96.3	18
49171	1	20/05/2014	86.6	25
50487	0	17/05/1990	51.01 NA	
50487	0	02/08/1990	67.34 NA	
50487	0	27/11/1990	64.47 NA	
50487	0	25/04/1991	56.56	20
50487	0	07/08/1991	44.53	50
50487	0	06/11/1991	67.19	40
50487	0	28/05/1992	60.75	10
50487	0	07/01/1993	77.88	30
50487	0	07/05/1993	62.62	30
50487	0	28/07/1993	73.76	20
50487	0	13/12/1993	67.29	50
50487	0	27/05/1994	86.7	50
50487	0	08/08/1994	67.28	25
50487	0	29/12/1994	47.55	20
50487	0	18/05/1995	71.33	20
50487	0	18/10/1995	53.81	30
50487	0	10/04/1996	17.12	80
50487	0	13/08/1997	64.84	30
50487	0	02/10/1997	25.56	40
50487	0	13/02/1998	61.34	40
50487	0	02/11/1998	52.54	40
50487	0	12/08/1999	58.07	20
50487	0	11/05/2000	63.98	30
50487	0	24/10/2000	49.35	50
50487	0	28/05/2002	57.29	20
50487	0	24/10/2002	36.75	30
50487	0	12/05/2005	64.65	25
50487	0	15/11/2005	65.09	20
50487	0	15/04/2009	29.57	40
50487	0	28/10/2009	31.5	5
50487	0	31/05/2011	31.02	30
50487	1	29/09/2011	36.87	30

50487	1	11/04/2012	66.07	10
50487	1	09/10/2012	58.93	5
50487	1	29/04/2014	67.56	15
50487	1	09/10/2014	47.19	4
51806	0	01/05/1995	45.02	40
51806	0	19/09/1995	31.89	50
51806	0	10/06/1996	42.3	70
51806	0	12/11/1996	20.46	40
51806	0	12/06/1997	15.4	10
51806	0	12/11/1997	49.32	5
51806	0	22/05/1998	59.5	30
51806	0	20/10/1998	30.94	60
51806	0	14/06/1999	54.99	60
51806	0	22/03/2000	67.43	25
51806	0	19/11/2001	48.4	40
51806	0	25/09/2002	36.28	60
51806	0	13/11/2003	66.67	30
51806	0	10/05/2004	46	30
51806	0	01/10/2004	50.85	30
51806	0	06/04/2006	54.46	45
51806	0	05/09/2006	43.54	20
51806	0	12/04/2007	51.58	45
51806	1	28/09/2007	55.58	30
51806	1	30/04/2008	54.96	60
51806	1	21/11/2008	63.05	30
51806	1	01/05/2009	54.29	40
51806	1	21/09/2009	40.73	90
51806	1	05/05/2010	36.44	55
51806	1	11/10/2010	31.5	35
51806	1	14/03/2013	48.48	50
51806	1	26/11/2013	43.91	40
52314	0	22/03/1990	83.94 NA	
52314	0	03/07/1990	66.39	100
52314	0	03/10/1990	70.51	0
52314	0	08/04/1991	89.57	10
52314	0	15/07/1991	64.02	30
52314	0	19/10/1991	62.02 NA	
52314	0	13/02/1992	78.6	30
52314	0	16/06/1992	77.66	10
52314	0	07/10/1992	73.73	5
52314	0	26/04/1993	79.99	0
52314	0	22/07/1993	82.51	10
52314	0	20/01/1994	75.4	20
52314	0	18/05/1994	83.97	20

52314	0	22/08/1994	69.25	0
52314	0	14/03/1995	86.46	0
52314	0	20/09/1995	69.42	20
52314	0	28/05/1996	77.21	25
52314	0	01/10/1996	76.09	10
52314	0	14/10/1997	74.14	20
52314	0	20/05/1998	80.47	10
52314	0	23/11/1998	86.37	10
52314	0	06/05/1999	84.07	10
52314	0	07/04/2000	85.35	10
52314	0	24/10/2000	87.9	20
52314	0	05/09/2001	92.81	10
52314	0	25/06/2002	94.29	20
52314	0	09/05/2003	92.87	20
52314	0	19/09/2003	94.28	30
52314	0	26/04/2006	84.58	10
52314	0	07/09/2006	84.93	10
52314	0	11/05/2007	94.31	10
52314	0	26/09/2007	86.15	20
52314	0	28/05/2008	88.24	20
52314	0	05/11/2008	93.78	15
52314	0	29/05/2009	88.11	20
52314	0	22/09/2009	91.93	15
52314	0	10/03/2010	98.61	25
52314	0	23/11/2010	87.65	20
52314	0	18/04/2011	91.25	20
52314	1	20/09/2011	54.62	25
52314	1	20/03/2012	86.98	10
52314	1	22/08/2012	86.9	65
52314	1	31/10/2012	82.84	10
52314	1	21/03/2013	90.48	30
52314	1	20/11/2013	89.35	20
52314	1	15/05/2014	86.3	15
52314	1	11/06/2014	81.54	30
52822	0	14/03/1990	25.6 NA	
52822	0	04/07/1990	26.36 NA	
52822	0	01/11/1990	29.76 NA	
52822	0	15/05/1991	45.69	0
52822	0	19/08/1991	25.48 NA	
52822	0	20/08/1991	31.73 NA	
52822	0	13/05/1992	40.6	30
52822	0	06/07/1992	38.07	55
52822	0	21/04/1993	40.52	40
52822	0	22/07/1993	42.04	60

52822	0	25/10/1993	33.97	50
52822	0	18/04/1994	29.61	50
52822	0	17/05/1995	50.58	50
52822	0	30/10/1995	18.71	70
52822	0	21/05/1996	41.09	50
52822	0	14/11/1996	55.44	50
52822	0	01/05/1997	43.05	50
52822	0	08/10/1997	11.79	60
52822	0	28/05/1998	55.9	50
52822	0	03/09/1998	33.91	50
52822	0	25/05/1999	55.9	50
52822	0	11/11/1999	67.37	70
52822	0	31/03/2000	53.36	35
52822	0	24/10/2000	56.22 NA	
52822	0	03/04/2002	55.1	60
52822	0	19/03/2003	61.42	45
52822	0	30/09/2003	33.92	45
52822	0	04/05/2005	38.67	50
52822	1	20/09/2005	30.01	40
52822	1	09/05/2008	60.77	50
52822	1	16/10/2008	69.24	50
52822	1	09/05/2013	53.3	55
52822	1	25/11/2013	67.2	15
52822	1	14/05/2014	62.47	30
53183	0	21/05/1990	56.31 NA	
53183	0	23/07/1990	47.3	0
53183	0	22/10/1990	45.96 NA	
53183	0	25/04/1991	0	0
53183	0	01/07/1991	83.33	0
53183	0	06/08/1991	56.05	10
53183	0	11/11/1991	78.74	60
53183	0	26/05/1992	64.1	20
53183	0	26/08/1992	55.8	40
53183	0	07/12/1992	62.81	10
53183	0	15/03/1993	33.63	10
53183	0	23/06/1993	56.05	0
53183	0	03/11/1993	78	0
53183	0	27/04/1994	37.88	30
53183	0	15/08/1994	52.88	40
53183	0	23/05/1995	71.09	25
53183	0	01/11/1995	29.07	10
53183	0	16/02/1996	44.3	0
53183	0	14/11/1996	0	10
53183	0	02/06/1997	80.27	10

53183	0	06/02/1998	56.31	20
53183	0	10/12/1998	0	5
53183	0	08/06/1999	53.29	20
53183	0	03/11/1999	92.84	0
53183	0	30/03/2000	91.77	20
53183	0	21/11/2000	89.09	20
53183	0	14/03/2001	71.84	20
53183	0	12/04/2002	61.66	20
53183	0	28/03/2003	81.26	10
53183	0	19/04/2004	50.17	10
53183	0	28/10/2004	73.92	10
53183	0	22/04/2005	56.82	30
53183	0	18/05/2006	60.18	20
53183	1	19/09/2006	71.17	20
53183	1	04/04/2007	75.67	20
53183	1	16/11/2007	67.49	40
53183	1	28/03/2013	88.42	80
53183	1	16/10/2013	75.67	15
53699	0	10/04/1990	0 NA	
53699	0	15/08/1990	11.99 NA	
53699	0	16/10/1990	31.17 NA	
53699	0	17/04/1991	40.64 NA	
53699	0	01/07/1991	40.4 NA	
53699	0	22/10/1991	36.34 NA	
53699	0	23/03/1992	54.83	30
53699	0	25/06/1992	54.32	20
53699	0	03/11/1992	70.99	30
53699	0	02/03/1993	77.47	20
53699	0	24/06/1993	63.22	30
53699	0	18/11/1993	50.74	25
53699	0	21/03/1994	60.56	25
53699	0	19/10/1994	60.74	20
53699	0	15/03/1995	43.01	25
53699	0	29/08/1995	41.53	10
53699	0	11/09/1995	40.69	10
53699	0	27/02/1996	47.31	25
53699	0	04/11/1996	33.78	25
53699	0	12/03/1997	67.04	10
53699	0	11/11/1997	54.49	20
53699	0	27/05/1998	75.5	20
53699	0	16/10/1998	71.6	15
53699	0	02/03/1999	63.07	25
53699	0	09/11/1999	57.77	15
53699	0	30/03/2000	63.3	15

53699	0	25/09/2000	65.03	25
53699	0	07/04/2003	72.79	25
53699	1	03/09/2003	77.59	15
53699	1	12/04/2006	73.8	25
53699	1	07/11/2006	69.52 NA	
53699	1	22/05/2009	83.81	50
53699	1	14/10/2009	85.65	7
53699	1	01/05/2013	83.4	5
53699	1	07/10/2013	76.11	20
54759	0	15/05/1995	0	46
54759	0	17/10/1995	18.03	45
54759	0	25/03/1996	13.9	45
54759	0	02/09/1996	36.43	45
54759	0	21/05/1997	63.03	49
54759	0	21/11/1997	41.9	45
54759	0	26/05/1998	52.2	40
54759	0	23/11/1998	59.67	35
54759	0	04/05/1999	45.28	65
54759	0	11/04/2000	26.76	40
54759	0	09/11/2000	67.34	15
54759	0	28/05/2002	54.1	40
54759	0	20/11/2002	57.83	25
54759	0	26/04/2005	50.87	10
54759	0	05/10/2005	50.84	0
54759	1	12/05/2008	68.82	5
54759	1	15/09/2008	56.36	30
54759	1	15/09/2009	60.09	20
54759	1	30/04/2013	55.78	40
54759	1	27/09/2013	65.23	30
54759	1	13/03/2014	66.25	20
54895	0	17/05/1990	48.59	60
54895	0	31/07/1990	30.26	65
54895	0	22/10/1990	39.06	40
54895	0	15/05/1991	30.61	50
54895	0	06/08/1991	20.46	45
54895	0	18/09/1991	41.19	50
54895	0	06/05/1992	64.52	50
54895	0	05/07/1993	37.43	52
54895	0	13/09/1993	42.45	52
54895	0	11/03/1994	46.45	52
54895	0	20/09/1994	38.41	52
54895	0	20/03/1995	51.89	40
54895	0	20/11/1995	48.62	52
54895	0	26/04/1996	47.78	40

54895	0	09/09/1996	46.76	60
54895	0	28/05/1997	38.42	55
54895	0	27/11/1997	48.69	55
54895	0	29/10/1998	47.55	52
54895	0	09/04/1999	58.39	60
54895	0	26/04/2000	65.83	50
54895	0	17/10/2000	53.42	45
54895	0	20/11/2001	74.61	75
54895	0	02/05/2002	75	40
54895	0	09/10/2002	78.37	30
54895	0	17/05/2005	59.19	20
54895	0	07/09/2005	46.62	10
54895	1	23/04/2008	82.21	0
54895	1	20/10/2008	51.01	0
54895	1	16/05/2013	72.22	45
54895	1	02/10/2013	63.77	50
54895	1	24/04/2014	72.17	43
55020	0	08/05/1990	52.43 NA	
55020	0	18/09/1990	40.52 NA	
55020	0	30/11/1990	49.13 NA	
55020	0	29/05/1991	49.08	45
55020	0	06/08/1991	36.9	55
55020	0	08/10/1991	45.19	50
55020	0	25/02/1992	50.66 NA	
55020	0	05/11/1992	25.47 NA	
55020	0	16/03/1993	48.47 NA	
55020	0	20/10/1993	44.3 NA	
55020	0	13/06/1994	57.34	20
55020	0	21/11/1994	64.28	38
55020	0	21/03/1995	55.62	40
55020	0	05/09/1995	54.08	50
55020	0	23/05/1996	49.22	10
55020	0	30/10/1996	44.46	30
55020	0	12/03/1997	55.5	5
55020	0	27/08/1997	37.21	5
55020	0	13/10/1997	41.47	20
55020	0	21/04/1998	45.02	35
55020	0	07/09/1998	46.17	45
55020	0	21/04/1999	26.28	50
55020	0	03/11/1999	48.75	20
55020	0	08/05/2000	54.19	30
55020	0	28/11/2000	37.53	70
55020	0	03/09/2001	53.03	20
55020	0	18/03/2002	58.51	15

55020	0	04/11/2002	40.52	20
55020	0	13/05/2003	59.58	10
55020	0	03/11/2003	29.41	30
55020	0	24/05/2004	67.11	12
55020	1	28/09/2004	52.69	15
55020	1	12/04/2005	57.42	25
55020	1	08/09/2005	56.95	20
55020	1	24/04/2006	74.94	20
55020	1	18/09/2006	50.78	20
55020	1	30/04/2007	68.15	15
55020	1	22/10/2007	79.29	40
55020	1	21/05/2008	84.66	12
55020	1	17/11/2008	76.94	10
55020	1	14/04/2009	59.79	20
55020	1	05/10/2009	66.82	20
55020	1	10/05/2010	65.79	10
55020	1	21/03/2011	75.09	29
55020	1	25/10/2011	65.96	45
55020	1	08/03/2012	63.97	20
55020	1	07/11/2012	67.29	60
55020	1	07/05/2013	71.29	5
55020	1	12/09/2013	72.58	25
55020	1	06/03/2014	72.85	18
55020	1	29/09/2014	87.11	50
55161	0	20/03/1990	31.51 NA	
55161	0	02/08/1990	21.22 NA	
55161	0	20/11/1990	33.72 NA	
55161	0	22/05/1991	29.83	65
55161	0	28/08/1991	11.3	30
55161	0	21/11/1991	37.94	60
55161	0	11/08/1992	20.98 NA	
55161	0	17/12/1992	32.97 NA	
55161	0	04/08/1993	13.41 NA	
55161	0	20/10/1993	18.91 NA	
55161	0	31/08/1994	24.2	20
55161	0	21/11/1994	39.94	25
55161	0	21/03/1995	38.88	42
55161	0	05/09/1995	23.92	40
55161	0	30/04/1996	24.6	5
55161	0	30/10/1996	35.5	40
55161	0	12/03/1997	23.01	5
55161	0	13/10/1997	28.96	15
55161	0	21/04/1998	25.41	20
55161	0	07/09/1998	35.42	15

55161	0	21/04/1999	22.08	50
55161	0	03/11/1999	22.34	20
55161	0	08/05/2000	25.38	10
55161	0	28/11/2000	26.13	60
55161	0	03/09/2001	46.98	10
55161	0	18/03/2002	27.71	20
55161	0	04/11/2002	29.01	20
55161	0	08/05/2003	41.36	15
55161	0	10/11/2003	32.54	25
55161	0	24/05/2004	37.76	10
55161	0	28/09/2004	44.52	25
55161	0	14/04/2005	37.17	15
55161	0	21/09/2005	27.39	35
55161	0	02/05/2006	26.13	20
55161	0	18/09/2006	22.91	20
55161	0	31/05/2007	37.79	10
55161	0	22/10/2007	51.48	35
55161	0	21/05/2008	64.57	12
55161	0	17/11/2008	47.46	5
55161	0	14/04/2009	36.99	35
55161	1	05/10/2009	43.89	10
55161	1	10/05/2010	43.65	10
55161	1	21/03/2011	31.47	17
55161	1	08/11/2011	29.69	59
55161	1	08/03/2012	29.83	10
55161	1	29/10/2012	35.39	35
55161	1	15/04/2013	59.71	20
55161	1	16/10/2013	47.41	15
55161	1	05/03/2014	56.54	10
55287	0	23/04/1990	45.73 NA	
55287	0	18/09/1990	71.92 NA	
55287	0	28/11/1990	50.93 NA	
55287	0	30/05/1991	64.73	50
55287	0	13/08/1991	55.05	65
55287	0	12/11/1991	43.15	70
55287	0	14/05/1992	49.45 NA	
55287	0	15/12/1992	60.7 NA	
55287	0	20/04/1993	47.97 NA	
55287	0	01/12/1993	63.13 NA	
55287	0	16/05/1994	56.82	50
55287	0	30/12/1994	63.77	30
55287	0	16/05/1995	67.34	70
55287	0	09/10/1995	58.31	35
55287	0	16/05/1996	56.37	35

55287	0	12/09/1996	63.22	15
55287	0	01/04/1997	56.29	35
55287	0	27/08/1997	43.48	60
55287	0	17/11/1997	57.69	32
55287	0	18/05/1998	56.82	30
55287	0	11/11/1998	57.9	25
55287	0	16/04/1999	76.39	30
55287	0	06/12/1999	58.88	59
55287	0	01/03/2000	69.87	25
55287	0	30/11/2000	54.55	2
55287	0	29/03/2001	51.94	45
55287	0	14/12/2001	55.54	30
55287	0	18/03/2002	61.63	25
55287	0	03/09/2002	48.5	20
55287	0	20/03/2003	65.89	25
55287	0	15/09/2003	48.08	60
55287	0	26/04/2004	52.08	40
55287	0	06/09/2004	52.02	40
55287	0	03/05/2005	65.82	35
55287	0	15/11/2005	50.96	70
55287	0	20/04/2006	57.47	30
55287	0	17/10/2006	65.4	20
55287	0	10/01/2007	63.3	10
55287	0	20/03/2007	64.81	10
55287	1	21/05/2007	54.1	10
55287	1	25/09/2007	66.52	30
55287	1	13/03/2008	69.3	10
55287	1	17/11/2008	48.71	30
55287	1	12/05/2009	79.57	20
55287	1	01/09/2009	79.12	28
55287	1	15/03/2010	60.43	20
55287	1	28/07/2010	78.46	10
55287	1	10/11/2010	69.82	5
55287	1	26/05/2011	79.08	30
55287	1	26/10/2011	75.83	20
55287	1	21/03/2012	55.63	40
55287	1	16/04/2013	69.29	15
55287	1	10/10/2013	69.03	20
55287	1	22/05/2014	77.89	25
55582	0	11/01/1990	68.25 NA	
55582	0	31/05/1990	52.25 NA	
55582	0	29/04/1991	45.93	55
55582	0	30/08/1991	20.53	20
55582	0	15/11/1991	54.05	15

55582	0	27/01/1992	69.03 NA	
55582	0	07/12/1992	54.69 NA	
55582	0	04/05/1993	50.8 NA	
55582	0	26/11/1993	62.62	15
55582	0	07/06/1994	77.24	20
55582	1	19/12/1994	59.26	30
55582	1	24/04/1995	67.5	40
55582	1	25/09/1995	53.08	20
55582	1	07/05/1996	39.31	60
55582	1	03/09/1996	62.07	65
55582	1	24/04/1997	49.72	20
55582	1	30/06/1997	52.31	30
55582	1	26/11/1997	52.61	15
55582	1	04/03/1998	55.82	20
55582	1	16/10/1998	52.63	40
55582	1	28/04/1999	69.97	50
55582	1	03/11/1999	60.75	20
55582	1	07/06/2000	68.3	30
55582	1	04/09/2000	68.33	10
55582	1	26/11/2001	75.03	20
55582	1	21/03/2002	79.86	20
55582	1	12/11/2002	78.3	30
55582	1	07/04/2003	79.02	5
55582	1	02/09/2003	71.41	5
55582	1	27/05/2004	84.99	15
55582	1	08/11/2004	78.19	10
55582	1	26/05/2005	73.72	15
55582	1	07/11/2005	70.74	5
55582	1	24/05/2006	82.36	10
55582	1	02/10/2006	77.13	15
55582	1	29/05/2007	81.95	10
55582	1	29/11/2007	60.75	35
55582	1	27/05/2008	78.64	20
55582	1	31/03/2009	68.4	10
55582	1	07/10/2009	66.51	30
55582	1	26/04/2010	58.36	5
55582	1	05/10/2010	79.62	10
55582	1	06/05/2011	26.02	0
55582	1	19/09/2011	45.68	10
55582	1	15/03/2012	42.09	0
55582	1	08/10/2012	83.69	10
55582	1	17/05/2013	74.23	10
55582	1	07/04/2014	81.67	10
55666	0	15/05/1990	50.56 NA	

55666	0	12/03/1991	55.85	20
55666	0	01/07/1991	60.65	5
55666	0	08/10/1991	60.92	20
55666	0	13/10/1992	78.15 NA	
55666	0	21/01/1993	78.21 NA	
55666	0	08/09/1993	65.73	20
55666	0	17/08/1994	80.32	50
55666	0	19/12/1994	89.93	78
55666	0	24/04/1995	84.04	35
55666	0	26/10/1995	53.87	40
55666	0	13/11/1996	67.34	45
55666	0	07/04/1997	59.02	70
55666	0	24/11/1997	37.28	70
55666	0	08/05/1998	44.53	10
55666	0	24/11/1998	50.9	45
55666	0	27/05/1999	74.74	8
55666	0	23/11/1999	62.81	48
55666	0	24/05/2000	61.76	40
55666	0	22/11/2000	65.89	10
55666	0	06/12/2001	54.05	15
55666	0	08/04/2002	65.18	15
55666	0	18/11/2002	52.5	90
55666	0	20/05/2003	73.77	30
55666	0	27/10/2003	62.88	40
55666	0	30/03/2004	74.92	50
55666	0	15/11/2004	52.55	40
55666	0	31/05/2005	60.38	60
55666	0	14/11/2005	53.77	35
55666	0	22/03/2006	65.17	20
55666	0	15/05/2006	65.1	15
55666	0	17/07/2006	51.94	40
55666	1	06/09/2006	50.8	40
55666	1	07/11/2006	59.67	10
55666	1	09/01/2007	60.44	15
55666	1	07/03/2007	47.84	15
55666	1	30/05/2007	59.24	40
55666	1	02/11/2007	58.44	25
55666	1	13/03/2008	62.51	5
55666	1	30/06/2008	66.5	32
55666	1	03/09/2008	63.07	10
55666	1	20/05/2009	71.25	35
55666	1	26/10/2009	63.51	60
55666	1	09/12/2010	69.47	40
55666	1	14/03/2011	69.35	29

55666	1	01/11/2011	63.46	60
55666	1	02/04/2012	52.13	50
55666	1	13/05/2013	71.21	60
55666	1	27/09/2013	52.34	80
55666	1	23/04/2014	69.78	20
55666	1	17/09/2014	65.4	80
55869	0	07/03/1995	38.27	32
55869	0	21/11/1995	23.55	40
55869	0	02/05/1996	33.04	30
55869	0	21/11/1996	35.37	20
55869	0	13/03/1997	30.86	20
55869	0	25/11/1997	28.63	50
55869	0	16/03/1998	29.11	5
55869	0	23/11/1998	44.18	10
55869	0	01/03/1999	43.5	25
55869	0	21/12/1999	39	50
55869	0	27/06/2000	26.85	25
55869	1	12/12/2000	35.03	5
55869	1	16/01/2002	55.42	30
55869	1	20/03/2002	39.59	20
55869	1	25/11/2002	39.59	10
55869	1	24/03/2003	45.88	15
55869	1	20/10/2003	52.14	10
55869	1	30/03/2004	40.79	5
55869	1	14/12/2004	56.34	35
55869	1	22/05/2005	52.41	35
55869	1	14/11/2005	53.29	10
55869	1	29/03/2006	47.5	45
55869	1	24/11/2006	48.45	10
55869	1	08/05/2007	55.16	10
55869	1	26/11/2007	62.59	10
55869	1	23/05/2008	46.24	5
55869	1	03/11/2008	86	15
55869	1	22/09/2009	60.85	20
55869	1	24/05/2010	62.02	20
55869	1	28/09/2010	53.34	50
55869	1	26/09/2011	46.12	20
55869	1	14/05/2012	56.96	30
55869	1	01/05/2013	55.24	10
55869	1	11/09/2013	40.77	20
55869	1	01/04/2014	39.5	10
55869	1	03/09/2014	36.97	5
55931	0	12/01/1990	29.9 NA	
55931	0	14/03/1990	0	5

55931	0	31/07/1990	13.84	40
55931	0	06/11/1990	35.89	40
55931	0	17/04/1991	0	100
55931	0	09/07/1991	10.18	35
55931	0	09/10/1991	27.17	100
55931	0	09/03/1992	9.73	45
55931	0	16/09/1992	0	20
55931	0	22/06/1993	0	55
55931	0	29/11/1993	23.36	15
55931	0	09/06/1994	0	100
55931	0	19/11/1994	30.43	35
55931	0	11/05/1995	21.15	80
55931	0	20/11/1995	20.27	80
55931	0	09/04/1996	35.95	45
55931	0	27/11/1996	16.97	70
55931	0	08/04/1997	8.2	50
55931	0	28/10/1997	13.91	75
55931	0	27/04/1998	0	100
55931	0	16/10/1998	0	65
55931	0	18/05/1999	10.93	100
55931	0	16/12/1999	35.34	100
55931	0	19/06/2000	24.72	55
55931	0	22/12/2000	30.97	95
55931	0	25/05/2004	37.61	70
55931	1	23/09/2004	20.7	85
55931	1	21/03/2007	0	100
55931	1	27/11/2007	41.77	70
55931	1	06/04/2009	27.3	20
55931	1	13/10/2009	32.19	40
55931	1	07/04/2010	28.34	55
55931	1	29/11/2010	26.77	30
55931	1	03/05/2011	31.15	28
55931	1	07/11/2011	37.15	70
55931	1	17/04/2012	27.88	35
55931	1	29/05/2013	46.96	20
55931	1	30/10/2013	42.21	60
55961	0	19/04/1990	39.18	10
55961	0	10/07/1990	52.88	30
55961	0	26/11/1990	20.49	30
55961	0	14/03/1991	41.7	20
55961	0	10/06/1991	11.39	50
55961	0	30/09/1991	21.51	60
55961	0	01/06/1992	23.33	60
55961	0	07/09/1992	10.22	40

55961	0	19/05/1993	50.68	30
55961	0	01/11/1993	33.85	50
55961	0	23/03/1994	52.55	50
55961	0	30/08/1994	44.19	60
55961	0	19/04/1995	53.4	38
55961	0	09/11/1995	37.47	95
55961	0	27/05/1996	25.61	30
55961	0	15/11/1996	23.98	30
55961	0	01/04/1997	32.66	0
55961	0	29/09/1997	49.02	40
55961	0	09/03/1998	46.13	25
55961	0	30/10/1998	39.18	90
55961	0	14/04/1999	37.71	65
55961	0	11/11/1999	50.72	70
55961	0	13/06/2000	34.88	10
55961	0	20/12/2000	41.85	100
55961	1	19/05/2004	58.59	30
55961	1	23/09/2004	60.58	40
55961	1	31/05/2013	45.2	84
55961	1	11/09/2013	45.05	50
55971	0	19/04/1990	67.26	70
55971	0	12/07/1990	80.45	90
55971	0	26/11/1990	56.56	90
55971	0	04/04/1991	50.29	30
55971	0	13/06/1991	58.42	40
55971	0	30/09/1991	30.05	100
55971	0	19/05/1992	22.62	50
55971	0	07/09/1992	0	100
55971	0	14/06/1993	70.56	40
55971	0	01/11/1993	63.87	40
55971	0	23/03/1994	31.65	100
55971	0	30/08/1994	63.83	20
55971	0	19/04/1995	72.83	25
55971	0	02/11/1995	43.93	70
55971	0	27/05/1996	50.81	100
55971	0	15/11/1996	32.41	50
55971	0	01/04/1997	43.13	40
55971	0	29/07/1997	68.31	15
55971	0	23/09/1997	76.61	50
55971	0	23/03/1998	69.13	10
55971	0	04/11/1998	65.03	10
55971	0	18/05/1999	74.37	60
55971	0	03/10/1999	67.45	5
55971	0	13/06/2000	81.99	10

55971	0	20/12/2000	80.71	70
55971	0	19/05/2004	82.64	50
55971	1	23/09/2004	65.45	45
55971	1	06/03/2006	64.73	25
55971	1	15/05/2006	75.72	25
55971	1	24/07/2006	45.12	50
55971	1	18/09/2006	50.43	75
55971	1	22/11/2006	52.43	40
55971	1	21/03/2007	54.83	50
55971	1	16/04/2007	63.03	30
55971	1	24/07/2007	80.68	10
55971	1	18/09/2007	79.6	30
55971	1	22/04/2008	62.62	50
55971	1	08/10/2008	66.37	50
55971	1	14/04/2009	67.79	60
55971	1	05/10/2009	56.07	45
55971	1	21/04/2010	67.51	55
55971	1	19/04/2011	57.05	40
55971	1	23/06/2011	58.97	50
55971	1	24/08/2011	64.59	50
55971	1	10/10/2011	61.29	55
55971	1	19/12/2011	65.23	40
55971	1	12/03/2012	50.91	40
55971	1	14/05/2012	80	40
55971	1	18/07/2012	67.42	50
55971	1	29/05/2013	54.92	50
55971	1	30/10/2013	61.13	45
56037	0	09/04/1990	90.61	40
56037	0	18/06/1990	59.09	50
56037	0	17/10/1990	37.55	35
56037	0	07/05/1991	33.78	15
56037	0	26/06/1991	31.04	30
56037	0	15/10/1991	27.88	30
56037	0	11/03/1992	38.95	35
56037	0	10/08/1992	17.99	40
56037	0	10/03/1993	71.33	20
56037	0	07/06/1993	54.81	25
56037	0	11/10/1993	77.43	20
56037	0	03/05/1994	64.52	0
56037	0	23/11/1994	76.82	15
56037	0	03/05/1995	65.86	50
56037	0	12/10/1995	55.56	40
56037	0	21/05/1996	72.05	20
56037	0	02/10/1996	43.55	50

56037	0	17/03/1997	42.92	35
56037	0	29/07/1997	22.78	20
56037	0	02/09/1997	30.36	20
56037	0	27/03/1998	45.92	10
56037	0	07/10/1998	27.43	5
56037	0	12/05/1999	35.16	30
56037	0	08/11/1999	58.89	100
56037	0	18/04/2000	26.82	30
56037	0	01/11/2000	46.96	43
56037	0	15/04/2003	71.76	15
56037	0	05/11/2003	32.2	35
56037	0	17/05/2006	15.82	10
56037	0	30/10/2006	32.2	40
56037	0	27/03/2007	55.8	40
56037	0	19/11/2007	63.36	30
56037	0	13/05/2008	74.47	40
56037	0	16/09/2008	75.63	25
56037	0	16/03/2009	64.15	10
56037	0	23/11/2009	58.99	25
56037	0	16/03/2010	67.38	21
56037	1	27/10/2010	61.83	15
56037	1	28/04/2011	52.08	5
56037	1	04/10/2011	41.14	20
56037	1	20/04/2012	35.79	10
56037	1	21/08/2012	54.83	15
56037	1	09/10/2012	44.35	35
56037	1	01/05/2013	68.56	30
56037	1	11/09/2013	53.18	8
56037	1	09/05/2014	74.45	33
56037	1	08/07/2014	64.89	50
56228	0	02/04/1990	33.96	35
56228	0	14/08/1990	46.95	50
56228	0	15/10/1990	41.35	50
56228	0	10/04/1991	0	70
56228	0	04/06/1991	0	40
56228	0	14/10/1991	32.61	65
56228	0	04/11/1993	31.49	20
56228	0	06/04/1994	46.92	15
56228	0	23/08/1994	19.56	15
56228	0	23/03/1995	17.06	40
56228	0	04/09/1995	16.03	35
56228	0	29/04/1996	29.39	40
56228	0	11/10/1996	36.23	15
56228	0	04/03/1997	62.43	55

56228	0	22/09/1997	59.73	70
56228	0	13/05/1998	56.04	60
56228	0	17/09/1998	54.1	50
56228	0	16/03/1999	54.03	50
56228	0	12/10/1999	30.71	30
56228	0	03/04/2000	23.29	90
56228	0	10/10/2000	36.18	30
56228	0	03/10/2001	18.83	95
56228	0	12/03/2002	44.57	90
56228	0	01/11/2002	65.69	35
56228	0	10/03/2005	19.49	100
56228	0	31/10/2005	52.76	25
56228	0	08/05/2007	23.15	40
56228	0	26/11/2007	55.93	30
56228	0	31/03/2009	59.39	10
56228	0	13/10/2009	67.25	70
56228	0	23/03/2010	40.17	15
56228	0	29/11/2010	61.93	20
56228	0	18/04/2011	55.66	40
56228	0	07/09/2011	59.95	20
56228	1	10/05/2012	54.26	20
56228	1	18/09/2012	57.44	33
56228	1	20/05/2013	69.35	40
56228	1	19/11/2013	32.53	15
56306	0	22/06/1992	12.02	50
56306	0	20/11/1992	30.61	15
56306	0	02/03/1993	55.23	10
56306	0	02/11/1993	15.77	20
56306	0	27/04/1994	29.62	70
56306	0	25/08/1994	0	5
56306	0	08/03/1995	63.13	10
56306	0	25/09/1995	48.26	45
56306	0	11/04/1996	71.31	45
56306	0	21/10/1996	23.32	25
56306	0	28/05/1997	38.37	40
56306	0	06/11/1997	12.89	75
56306	0	07/05/1998	0	95
56306	0	07/10/1998	48.08	50
56306	0	19/04/1999	25.51	90
56306	0	18/10/1999	41.67	5
56306	0	10/04/2000	52.84	40
56306	0	16/10/2000	50.92	70
56306	0	10/10/2001	38.2	100
56306	0	05/03/2002	60.35	25

56306	0	01/11/2002	51.02	40
56306	0	21/03/2003	52.14	70
56306	0	16/10/2003	61.24	50
56306	1	09/05/2006	40.15	60
56306	1	25/09/2006	44.1	80
56306	1	20/04/2009	62.69	40
56306	1	07/09/2009	69.72 NA	
56306	1	14/05/2012	56.91	15
56306	1	11/09/2012	65.45	30
56306	1	16/04/2014	63.08	1
56306	1	09/10/2014	46.05	10
56431	0	24/04/1990	39.1	90
56431	0	11/07/1990	24.79	20
56431	0	29/10/1990	53.85	20
56431	0	16/04/1991	43.46	55
56431	0	12/06/1991	36.51	80
56431	0	07/11/1991	46.22	50
56431	0	05/05/1992	32.47	60
56431	0	19/10/1992	0	80
56431	0	01/07/1993	31.65	40
56431	0	25/10/1993	28.55	20
56431	0	26/05/1994	32.41	20
56431	0	12/10/1994	45.2	20
56431	0	25/04/1995	36.1	30
56431	0	02/11/1995	41.77 NA	
56431	0	24/04/1996	32.59	20
56431	0	30/10/1996	19.03	20
56431	0	28/05/1997	22.95	40
56431	0	28/10/1997	18.03	95
56431	0	29/05/1998	23.98	100
56431	0	26/10/1998	27.39	95
56431	0	23/03/1999	32.47	88
56431	0	26/11/1999	35.06	90
56431	0	15/05/2000	34.09	50
56431	0	15/11/2000	0	60
56431	0	04/03/2002	42.16	77
56431	0	02/09/2002	9.42	90
56431	0	14/03/2003	42.44	60
56431	1	09/09/2003	43.47	55
56431	1	08/05/2006	21.33	100
56431	1	30/10/2006	0	50
56431	1	28/04/2009	39.94	30
56431	1	14/09/2009	39.25	60
56431	1	10/05/2010	49.69	70

56431	1	07/10/2010	26.4	85
56431	1	10/05/2011	33.07	45
56431	1	28/11/2011	45.48	55
56431	1	14/05/2012	62.62	75
56431	1	09/04/2013	61.73	55
56431	1	22/10/2013	58.09	15
56442	0	24/04/1990	23.33	90
56442	0	18/07/1990	25.61	25
56442	0	29/10/1990	18.07	25
56442	0	18/04/1991	41.59	55
56442	0	10/06/1991	48.87	60
56442	0	18/11/1991	35.07	50
56442	0	05/05/1992	35.8	40
56442	0	19/10/1992	35.97	60
56442	0	25/05/1993	49.02	20
56442	0	20/10/1993	0	100
56442	0	26/05/1994	36.97	20
56442	0	12/10/1994	31.55	20
56442	0	25/04/1995	33.99	10
56442	0	02/11/1995	25.51	15
56442	0	27/03/1996	10.27	95
56442	0	30/10/1996	43.98	20
56442	0	28/05/1997	49.22	50
56442	0	21/10/1997	31.65	70
56442	0	29/05/1998	0	80
56442	0	16/11/1998	0	90
56442	0	23/03/1999	0	70
56442	0	02/12/1999	37.26	100
56442	0	15/05/2000	15.27	70
56442	0	14/03/2003	15.88	100
56442	0	02/10/2003	15.06	45
56442	0	08/05/2006	8.72	90
56442	0	30/10/2006	8.5	55
56442	1	28/04/2009	52.21	25
56442	1	14/09/2009	0	35
56442	1	09/04/2013	28.59	40
56442	1	16/10/2013	50.71	100
56471	0	18/05/1995	50.64	50
56471	0	09/11/1995	35.25	40
56471	0	14/05/1996	37.06	40
56471	0	04/11/1996	25.68	45
56471	0	07/04/1997	29.61	40
56471	0	15/09/1997	18.27	65
56471	0	13/05/1998	36.63	80

56471	0	21/10/1998	18.52	90
56471	0	18/05/1999	31.65	70
56471	0	13/12/1999	0	95
56471	0	02/06/2000	28.23	40
56471	0	06/11/2000	45.25	90
56471	0	04/03/2003	29.83	60
56471	0	06/10/2003	29.71	35
56471	0	05/04/2006	18.07	40
56471	0	14/11/2006	20.49	50
56471	0	02/03/2009	58.33	20
56471	1	02/09/2009	49.31	25
56471	1	10/03/2010	26.64	12
56471	1	04/10/2010	22.23	25
56471	1	31/03/2011	31.02	30
56471	1	20/10/2011	43.69	40
56471	1	21/05/2012	38.71	20
56471	1	13/05/2013	49.35	20
56471	1	14/11/2013	34.11	35
56471	1	17/04/2014	48.5	15
56471	1	24/10/2014	29.21	20
64658	0	22/05/2000	88.99	0
64658	0	01/09/2000	95.52	5
64658	0	22/03/2002	97.43	0
64658	0	27/09/2002	100	0
64658	0	30/03/2005	97.33	0
64658	0	28/11/2005	99.89	0
64658	0	27/05/2009	100	0
64658	0	21/09/2009	97.2	0
64658	0	16/12/2009	100	0
64658	0	11/03/2010	99.92	0
64658	1	13/07/2010	93.88	0
64658	1	06/10/2010	92.11	5
64658	1	19/04/2011	98.29	5
64658	1	11/07/2011	100	0
64658	1	04/10/2011	99.9	0
64658	1	03/04/2012	98.53	2
64658	1	14/08/2012	100	0
64658	1	24/10/2012	99.9	0
64658	1	17/04/2013	99.95	0
64658	1	01/07/2013	93.91	0
64658	1	08/10/2013	99.67	0
67777	0	17/03/2000	87.87	45
67777	0	06/12/2000	86.48	25
67777	0	27/05/2002	92.67	0

67777	0	10/10/2002	100	10
67777	0	30/05/2003	100	50
67777	0	01/10/2003	94	10
67777	0	05/03/2004	99.75	15
67777	0	12/10/2004	84.35	40
67777	0	15/03/2005	87.52	50
67777	1	09/09/2005	87.89	40
67777	1	19/05/2006	87.31	30
67777	1	03/11/2006	82.9	5
67777	1	16/04/2007	90.84	15
67777	1	02/11/2007	85.14	10
67777	1	25/04/2013	96.57	7
67777	1	24/10/2013	84.63	10
82078	0	10/06/2002	77.58	50
82078	0	10/07/2002	73.32	55
82078	0	12/08/2002	62.91	60
82078	0	13/09/2002	85.98	50
82078	0	18/10/2002	81.07	45
82078	0	07/04/2003	83.71	35
82078	0	06/05/2003	87.59	45
82078	0	11/06/2003	96.15	80
82078	0	30/06/2003	79	85
82078	0	07/07/2003	85.3	50
82078	0	04/08/2003	71.81	50
82078	0	10/09/2003	84.58	35
82078	0	08/10/2003	83.24	40
82078	0	13/11/2003	80.13	40
82078	0	01/03/2004	85.93	40
82078	0	05/04/2004	86.62	25
82078	0	10/05/2004	91.13	40
82078	0	11/06/2004	87.6	30
82078	0	12/07/2004	86.62	50
82078	0	11/08/2004	87.46	60
82078	0	15/09/2004	79.09	25
82078	0	11/10/2004	77.64	35
82078	0	05/11/2004	85.11	35
82078	0	21/04/2005	87.31	20
82078	0	26/09/2005	77.82	35
82078	0	10/04/2006	87.97	30
82078	0	18/10/2006	79.4	40
82078	0	14/05/2009	92.01	45
82078	0	16/07/2009	93.4	40
82078	0	18/11/2009	84.44	70
82078	0	04/05/2010	82.57	55

82078	1	22/09/2010	89.2	50
82078	1	08/03/2011	86.63	45
82078	1	15/04/2011	83.91	55
82078	1	10/05/2011	86.52	65
82078	1	17/06/2011	88.15	50
82078	1	15/07/2011	90.17	50
82078	1	16/08/2011	76.19	60
82078	1	20/09/2011	84.38	45
82078	1	18/10/2011	79.73	50
82078	1	03/11/2011	84.21	40
82078	1	30/11/2011	84.26	20
82078	1	13/03/2012	76.5	40
82078	1	12/07/2012	86.78	35
82078	1	09/10/2012	87.53	85
82078	1	29/04/2013	100	40
82078	1	27/09/2013	83.5	30
84997	0	03/05/2002	61.21	35
84997	0	30/10/2002	61.62	85
84997	0	11/04/2005	48.08	60
84997	0	10/11/2005	40.81	90
84997	0	24/04/2008	11.42	10
84997	1	16/09/2008	64.01	95
84997	1	20/03/2013	31.5	30
84997	1	01/10/2013	0	80
84997	1	12/05/2014	46.07	80
93121	0	14/06/2002	68.62	70
93121	0	20/03/2003	54.19	100
93121	0	30/10/2003	37.67	100
93121	0	26/04/2004	52.2	100
93121	0	28/10/2004	43.6	98
93121	0	20/04/2005	48.85	70
93121	0	15/09/2005	50.74	100
93121	0	07/04/2006	75.54	60
93121	0	27/07/2006	64.18	15
93121	0	08/10/2007	57.56	95
93121	0	23/10/2008	31.15	100
93121	0	15/05/2009	48.28	50
93121	0	21/11/2009	48.38	100
93121	0	12/04/2010	77.4	90
93121	0	19/10/2010	65.28	50
93121	1	23/03/2011	76.08	87
93121	1	12/10/2011	72.61	70
93121	1	09/05/2012	79.41	35
93121	1	19/09/2012	67.44	100

93121	1	23/04/2013	52.08	98
93121	1	08/10/2013	57.24	100
93121	1	14/04/2014	76.34	65
153886	0	25/11/2009	43.66	95
153886	0	11/05/2010	60.41	100
153886	0	08/10/2010	66.67	70
153886	0	22/03/2011	57.04	75
153886	1	20/09/2011	71.6	70
153886	1	15/05/2012	76.97	75
153886	1	03/09/2012	75.76	70
153886	1	18/04/2013	83.1	60
153886	1	03/09/2013	56.56	28
153886	1	13/12/2013	85.61	10
153886	1	05/03/2014	81.27	60
153886	1	04/09/2014	84.75	30

PSI(fam)	Shannon group	Substrate group	Sample ID
60	2	1	4743
26.67	2	1	12704
0	2	1	13049
30.77	2	1	6528
27.27	2	1	1985
46.67	2	1	2019
36.36	2	1	10428
54.55	2	1	13064
69.23	2	1	7006
45	2	1	808
63.64	2	1	573054
64.29	2	1	578614
60	2	1	592644
41.18	2	1	597918
60.87	2	1	608168
64.71	2	1	661428
48.57	2	1	677292
57.14	2	1	692662
53.33	2	1	700126
65.71	2	1	8978
64.52	2	1	12263
58.62	2	1	9076
61.54	2	1	9253
75.86	2	1	12777
58.06	2	1	11982
84	2	1	11339
78.95	2	1	9584
78.57	2	1	10590
68.63	2	1	1172
74.36	2	1	13536
71.11	2	1	4076
70.83	2	1	4102
60.47	2	1	4154
67.86	2	1	4222
67.44	2	1	4237
71.43	2	1	4256
71.05	2	1	4272
69.05	2	1	4290
75.86	2	1	304421
75.76	2	1	309988
68.97	2	1	304337
69.44	2	1	314399
76.92	2	1	336436

72.22	2	1	341056
72.88	2	1	347489
82.14	2	1	423845
64.29	2	1	508473
65.52	2	1	544207
69.57	2	1	553525
73.47	2	1	559283
72.92	2	1	571363
83.87	2	1	580215
80.49	2	1	593561
76.19	2	1	589191
74.51	2	1	600404
77.78	2	1	634841
82.76	2	1	643335
84.62	2	1	690740
56.14	2	1	20678
45.71	2	1	27786
62.5	2	1	302107
50.94	2	1	301570
60	2	1	306776
59.18	2	1	314499
64.44	2	1	335638
46.67	2	1	336539
70.59	2	1	350105
70.59	2	1	348407
36.67	2	1	358284
57.14	2	1	364142
45	2	1	367326
62.9	2	1	550347
65.22	2	1	548764
54.55	2	1	549252
67.39	2	1	570626
55.17	2	1	580599
70.27	2	1	657469
71.43	2	1	677439
69.23	2	1	688652
69.44	1	3	20865
57.58	1	3	27802
81.48	1	3	312040
66.67	1	3	320067
60	1	3	368372
72.22	1	3	374338
83.33	1	3	548739
64.71	1	3	548804

82.61	1	3	588968
78.95	1	3	589031
68.75	1	3	659741
30	1	3	680070
28	2	2	544835
38.46	2	2	544833
45.71	2	2	22022
37.93	2	2	22021
38.46	2	2	27962
16	2	2	27961
48.98	2	2	327287
28.57	2	2	326642
57.78	2	2	353136
48.57	2	2	353191
48.15	2	2	390462
40.74	2	2	389252
40	2	2	537697
42.86	2	2	511366
30	2	2	548166
45.45	2	2	548300
28.57	2	2	552972
28.57	2	2	557769
53.33	2	2	573239
50	2	2	592417
42.86	2	2	600196
57.14	2	2	606450
30	2	2	614718
44.44	2	2	636367
66.67	2	2	644234
50	2	2	657186
20	2	2	675760
64.71	2	2	690472
53.13	3	2	21340
52.17	3	2	21337
57.89	3	2	21336
58.97	3	2	21338
46.88	3	2	27863
51.52	3	2	21339
57.5	3	2	27864
75	3	2	28871
61.54	3	2	21341
67.44	3	2	318568
70.97	3	2	327284
72.97	3	2	368464

67.65	3	2	368469
78.57	3	2	542515
78.26	3	2	546845
62.5	3	2	553360
75.76	3	2	558987
67.74	3	2	570643
76.92	3	2	581422
72.73	3	2	606242
63.89	3	2	613838
70	3	2	623949
67.65	3	2	629370
73.53	3	2	689777
45.83	3	3	25291
32.61	3	3	20448
40	3	3	300502
41.18	3	3	300514
46.67	3	3	312389
33.33	3	3	317703
36.67	3	3	383099
18.92	3	3	389723
35.09	3	3	552960
51.02	3	3	557640
44.12	3	3	656613
28.95	3	3	676731
28.95	3	3	693275
35.9	3	3	702771
62.16	2	1	26422
71.05	2	1	20500
72.09	2	1	312232
73.53	2	1	326572
70.21	2	1	368565
77.78	2	1	376452
64.29	2	1	547342
76.92	2	1	545198
72.97	2	1	555303
87.5	2	1	557656
65.63	2	1	592337
50	2	1	601286
79.17	2	1	653486
66.67	2	1	679229
47.06	3	3	32699
30.77	3	3	32700
26.32	3	3	41060
44.83	3	3	32701

40	3	3	147442
48.39	3	3	319458
35	3	3	320651
47.06	3	3	343900
37.25	3	3	351969
50	3	3	375536
51.28	3	3	376440
51.61	3	3	379081
46.94	3	3	386424
40	3	3	556053
58.97	3	3	562966
53.85	3	3	572728
53.33	3	3	580501
51.28	3	3	591371
53.49	3	3	599470
42.42	3	3	608248
45.83	3	3	616195
47.06	3	3	621039
29.17	3	3	632299
45.16	3	3	635749
35	3	3	641760
51.52	3	3	690191
51.52	3	3	41346
30	3	3	42203
24.24	3	3	36381
39.29	3	3	36382
54.17	3	3	40563
10	3	3	36383
36	3	3	36384
40	3	3	36385
54.84	3	3	36386
36.84	3	3	39978
29.63	3	3	36387
50	3	3	306020
24.32	3	3	318044
41.18	3	3	380830
34.38	3	3	387986
54.55	3	3	620251
50	3	3	631933
52.5	3	3	688425
22.58	3	3	33757
23.91	3	3	33758
27.59	3	3	33759
30.43	3	3	33760

54.76	3	3	41632
56.82	3	3	33761
36.73	3	3	33762
34.38	3	3	33763
34.38	3	3	298099
29.17	3	3	33764
56.67	3	3	307277
46.51	3	3	316137
46.43	3	3	378946
38.46	3	3	391036
42.5	3	3	589632
41.94	3	3	600053
58.33	3	3	606968
39.29	3	3	616821
39.13	3	3	622900
40.91	3	3	631006
40.91	3	3	637053
51.06	3	3	642144
51.28	3	3	657120
52.27	3	3	681012
36.36	3	1	33279
36.67	3	1	39343
32.65	3	1	33280
29.41	3	1	33281
26.67	3	1	33282
26.47	3	1	39902
34.88	3	1	33283
29.73	3	1	33284
25.71	3	1	33285
47.37	3	1	33286
41.18	3	1	41106
34.15	3	1	40340
6.67	3	1	33287
19.35	3	1	41966
20.83	3	1	33288
42.42	3	1	33289
41.94	3	1	33290
25.93	3	1	302321
23.08	3	1	306099
27.59	3	1	317985
32	3	1	332780
32	3	1	332456
48.39	3	1	335376
35.48	3	1	340470

31.82	3	1	346200
40.48	3	1	545912
42.86	3	1	354938
48.28	3	1	376601
62.5	3	1	380989
37.04	3	1	387407
36.84	3	1	421356
26.47	3	1	505801
42.31	3	1	511684
26.83	3	1	542344
42.31	3	1	552615
40.48	3	1	569041
46.67	3	1	560827
33.33	3	1	570713
41.67	3	1	575963
51.52	3	1	580176
70	3	1	589616
56.41	3	1	594469
59.26	3	1	599912
62.96	3	1	606837
50	3	1	610197
62.07	3	1	615041
58.33	3	1	620333
64.52	3	1	626175
50	3	1	630098
28	3	1	635963
55.56	3	1	639311
60.61	3	1	641056
67.86	3	1	653068
57.14	3	1	664733
66.67	3	1	678076
70.59	3	1	688614
0	2	2	35886
24.32	2	2	35887
22.22	2	2	40528
23.08	2	2	41307
33.33	2	2	42166
27.59	2	2	35888
18.87	2	2	35889
26.32	2	2	35890
19.57	2	2	35891
28.89	2	2	35892
30.16	2	2	35893
30.19	2	2	35894

31.67	2	2	307746
25	2	2	307258
23.21	2	2	339174
40.43	2	2	347759
17.95	2	2	357586
30.43	2	2	360637
33.33	2	2	365998
22.86	2	2	390073
25.58	2	2	384385
20.69	2	2	421622
32.65	2	2	507957
17.95	2	2	551165
30.95	2	2	558415
45.65	2	2	593963
11.9	2	2	606633
33.33	2	2	613644
18.6	2	2	621448
26.83	2	2	626578
28.26	2	2	630167
36.73	2	2	637996
18.92	2	2	643237
28	2	2	660350
28.57	2	2	676112
37.5	2	2	691806
58.06	1	1	30766
42.42	1	1	41629
18.52	1	1	30767
23.53	1	1	30768
31.03	1	1	30769
30.3	1	1	30770
50	1	1	30771
38.1	1	1	30772
45.1	1	1	30773
48.84	1	1	41772
42.31	1	1	40160
43.59	1	1	40911
45.83	1	1	30774
36	1	1	30775
36.59	1	1	30776
54.9	1	1	537258
56.86	1	1	537260
60	1	1	572152
76.67	1	1	576748
61.29	1	1	581780

61.11	1	1	589375
71.88	1	1	594837
56.67	1	1	598029
64.52	1	1	607634
62.16	1	1	615782
65.79	1	1	624398
52.38	1	1	631210
57.89	1	1	637985
68.42	1	1	641940
67.65	1	1	654380
68.42	1	1	676417
69.7	1	1	689798
38.1	1	1	34119
35.09	1	1	42030
33.33	1	1	34120
35.71	1	1	34121
54.35	1	1	34122
45.61	1	1	34123
40	1	1	34124
48.33	1	1	34125
38.71	1	1	39641
45.61	1	1	34126
39.68	1	1	34127
33.96	1	1	306103
62.79	1	1	318334
69.44	1	1	343378
55.36	1	1	346405
45.24	1	1	357386
47.37	1	1	364856
65.12	1	1	381917
48.48	1	1	385257
56.92	1	1	536847
57.69	1	1	545841
61.9	1	1	574503
69.23	1	1	580985
53.57	1	1	592779
52.94	1	1	600696
66.67	1	1	606229
52.94	1	1	616521
53.85	1	1	620023
53.19	1	1	630734
62.5	1	1	636175
60.42	1	1	641067
55.88	1	1	653640

62.5	1	1	676861
40	2	2	31077
20.45	2	2	31078
21.74	2	2	31079
30.23	2	2	31080
30	2	2	31081
37.74	2	2	31082
44.26	2	2	31083
28.57	2	2	41796
44.44	2	2	40935
35.82	2	2	40182
51.61	2	2	31085
28.3	2	2	31086
35.42	2	2	31087
36.84	2	2	302224
49.06	2	2	303344
47.92	2	2	315837
44.9	2	2	331499
39.39	2	2	335541
65	2	2	340939
58.54	2	2	350032
54.29	2	2	357633
44.44	2	2	367819
18.75	2	2	385362
28.89	2	2	393328
43.55	2	2	506491
14.71	2	2	538996
10	2	2	543366
29.03	2	2	545692
46	2	2	553154
47.83	2	2	557332
45.28	2	2	570009
48.39	2	2	576364
49.23	2	2	581926
57.14	2	2	592187
60.47	2	2	595654
56.52	2	2	601187
58	2	2	606357
55.56	2	2	610206
53.66	2	2	615035
58.33	2	2	622694
58	2	2	626368
44.23	2	2	631456
50	2	2	635597

52.5	2	2	640094
41.51	2	2	643250
52.73	2	2	656821
55.32	2	2	663617
66.67	2	2	670999
83.33	2	2	696084
83.87	2	2	701759
45.95	2	2	33256
32.14	2	2	33257
33.78	2	2	33258
45	2	2	33259
34.85	2	2	33260
36.49	2	2	39901
34.85	2	2	33261
33.33	2	2	41104
41.51	2	2	41964
49.3	2	2	40338
47.92	2	2	33262
48.33	2	2	33263
50	2	2	33264
36.51	2	2	33265
47.83	2	2	33266
40.63	2	2	33267
54.84	2	2	33268
45.68	2	2	339242
48.68	2	2	302578
42.67	2	2	317983
36.92	2	2	331133
44.07	2	2	341258
58.93	2	2	346019
47.83	2	2	357384
43.4	2	2	368145
47.62	2	2	379026
65.71	2	2	389653
60	2	2	393194
48.39	2	2	507050
52.94	2	2	536870
50	2	2	542376
54.72	2	2	545277
53.66	2	2	552025
50	2	2	567573
48	2	2	560548
54.29	2	2	570341
66	2	2	577435

66.67	2	2	579390
80	2	2	593598
64.29	2	2	595789
78.79	2	2	597435
63.41	2	2	606643
68.75	2	2	616839
58.82	2	2	620784
60.34	2	2	629546
57.14	2	2	636526
79.41	2	2	641069
60.61	2	2	655430
68.29	2	2	679232
74.29	2	2	688536
35.19	3	3	32581
46.55	3	3	32582
39.29	3	3	32583
50.94	3	3	32584
44.64	3	3	41051
47.17	3	3	41912
52.54	3	3	32585
46.43	3	3	39879
53.85	3	3	40290
48.33	3	3	32586
56.25	3	3	32587
46.67	3	3	32588
52.94	3	3	32589
58	3	3	32590
48.94	3	3	32591
50	3	3	32592
50	3	3	32593
47.92	3	3	32594
50	3	3	32595
60.47	3	3	294016
37.5	3	3	302653
51.72	3	3	302700
50	3	3	317166
40.63	3	3	364225
52	3	3	543296
52	3	3	537196
56.45	3	3	548007
64.44	3	3	619609
78.26	3	3	617880
70.59	3	3	617858
58.33	3	3	624758

60	3	3	632753
75	3	3	655913
65	3	3	673609
83.33	3	3	688851
50	2	3	36571
20.83	2	3	41361
8	2	3	42218
34.78	2	3	36572
9.38	2	3	36573
14.29	2	3	39986
17.24	2	3	42574
54.17	2	3	36574
38.24	2	3	36575
43.48	2	3	36576
54.55	2	3	36577
18.18	2	3	36578
20.59	2	3	36579
42.86	2	3	302616
16.67	2	3	315507
9.52	2	3	363357
20	2	3	375379
33.33	2	3	511845
29.03	2	3	545780
68.97	2	3	592489
52	2	3	602445
60.87	2	3	659726
20	2	3	677971
42.59	3	2	31782
41.07	3	2	31783
38.46	3	2	31784
40.38	3	2	39845
53.97	3	2	307038
46.43	3	2	315798
43.86	3	2	344442
46.88	3	2	351245
41.79	3	2	421122
51.72	3	2	509010
67.27	3	2	592919
56.6	3	2	601318
63.16	3	2	613482
70.83	3	2	614890
66.67	3	2	624533
59.62	3	2	631675
70.27	3	2	691891

25	2	3	39272
50	2	3	304649
48	2	3	316192
40.63	2	3	339683
52.5	2	3	348384
36.36	2	3	392227
29.03	2	3	379161
37.04	2	3	387890
13.33	2	3	548856
6.67	2	3	548648
26.32	2	3	539880
24.14	2	3	549764
43.75	2	3	568369
54.55	2	3	567318
58.54	2	3	573762
45.95	2	3	578905
65	2	3	591733
50	2	3	599450
60.53	2	3	607920
48.39	2	3	615919
48.65	2	3	623377
48.15	2	3	631568
40.74	2	3	638022
51.35	2	3	645650
59.26	2	3	660155
57.14	2	3	680849
27.08	1	3	37287
19.35	1	3	37288
20.45	1	3	40013
42.22	1	3	308236
29.41	1	3	316032
27.03	1	3	353223
33.33	1	3	355066
24.49	1	3	361100
27.91	1	3	376677
45.16	1	3	506460
5	1	3	508230
18.75	1	3	572158
38.89	1	3	579042
30	1	3	659495
15.79	1	3	671906
25.81	1	3	41357
6.98	1	3	42214
15.63	1	3	40573

18.6	1	3	36522
18.37	1	3	36523
8.16	1	3	36524
26.19	1	3	36525
10.26	1	3	36526
38.1	1	3	36527
14.63	1	3	36528
28.33	1	3	36529
18.92	1	3	36530
21.21	1	3	36531
34.88	1	3	292216
29.41	1	3	292197
36.84	1	3	304568
29.17	1	3	318298
36.36	1	3	345036
23.33	1	3	363364
15	1	3	375423
8.89	1	3	384437
30.23	1	3	543239
28.21	1	3	545777
26.67	1	3	557293
24.39	1	3	558391
38.78	1	3	573725
34.55	1	3	578838
43.33	1	3	592482
35.44	1	3	601197
41.38	1	3	607612
38.18	1	3	616758
37.25	1	3	624529
36.17	1	3	632252
37.5	1	3	635161
37.84	1	3	652323
41.94	1	3	677168
46.15	1	3	35501
23.4	1	3	35502
15	1	3	40501
37.29	1	3	303363
29.55	1	3	303362
35.48	1	3	306868
37.5	1	3	316224
38.64	1	3	363369
32.56	1	3	364997
42.31	1	3	539028
30.56	1	3	545939

51.92	1	3	660427
38.89	1	3	678101
24	1	1	42435
3.57	1	1	40487
40.82	1	1	343777
51.16	1	1	350030
43.75	1	1	360392
51.22	1	1	360980
46.67	1	1	376407
41.94	1	1	379687
51.52	1	1	385731
47.22	1	1	423898
45.95	1	1	510009
51.61	1	1	512400
42.31	1	1	547675
48.48	1	1	554294
79.17	1	1	559925
47.5	1	1	593155
54.05	1	1	599844
47.06	1	1	606375
39.13	1	1	614621
55.56	1	1	622259
45.83	1	1	626416
48.89	1	1	632176
44.74	1	1	635691
58.82	1	1	644423
67.65	1	1	661258
69.57	1	1	669882
57.58	1	1	692819
0	2	3	34997
8.33	2	3	34998
16.67	2	3	34999
20	2	3	35000
25	2	3	41238
18.75	2	3	42098
0	2	3	35001
30.77	2	3	39942
40	2	3	40465
27.27	2	3	35002
20	2	3	35003
0	2	3	35004
0	2	3	35005
14.29	2	3	35006
37.5	2	3	35007

44.44	2	3	35008
7.69	2	3	35009
30.77	2	3	136282
40.91	2	3	136041
11.11	2	3	319813
47.83	2	3	320193
21.43	2	3	320716
25	2	3	332299
35.29	2	3	340631
13.33	2	3	340199
25	2	3	345076
37.5	2	3	351848
28.57	2	3	374616
38.1	2	3	375110
29.63	2	3	390959
41.18	2	3	389080
30.77	2	3	503552
29.17	2	3	510483
7.69	2	3	542390
19.05	2	3	546981
23.53	2	3	555126
30	2	3	566873
30	2	3	592956
37.04	2	3	599846
38.89	2	3	656997
35.71	2	3	678941
44.44	3	1	37828
53.23	3	1	37829
45.9	3	1	37830
59.65	3	1	37831
53.23	3	1	37832
54.39	3	1	37833
53.97	3	1	37834
56.14	3	1	39437
58.33	3	1	37835
61.54	3	1	37836
67.8	3	1	37837
38.78	3	1	41465
45.45	3	1	40671
65.45	3	1	293656
57.89	3	1	301770
65.08	3	1	304660
56.14	3	1	316014
64.58	3	1	358334

35.29	3	1	375419
51.02	3	1	511901
57.69	3	1	546365
80.95	3	1	590419
65.22	3	1	601826
47.92	3	1	609634
60	3	1	614442
60	3	1	621089
58.82	3	1	630146
46.67	3	1	635328
70.18	3	1	642709
62.3	3	1	660050
71.43	3	1	678085
57.78	3	1	693169
66.67	3	2	37782
44.19	3	2	42650
64.29	3	2	37783
69.77	3	2	37784
48	3	2	37785
63.27	3	2	37786
59.7	3	2	37787
64.71	3	2	37788
69.09	3	2	37789
60.38	3	2	41461
70	3	2	42311
39.13	3	2	37790
74.55	3	2	40667
59.68	3	2	37791
54.1	3	2	37792
67.21	3	2	303730
60.32	3	2	317859
63.93	3	2	336866
63.64	3	2	354172
69.23	3	2	360790
45.24	3	2	390607
63.79	3	2	380276
64.06	3	2	384733
75	3	2	509029
66.04	3	2	509728
67.31	3	2	565557
67.27	3	2	590424
61.4	3	2	601941
61.4	3	2	609290
72.73	3	2	615474

65.45	3	2	621087
78	3	2	630150
68.85	3	2	635372
75.56	3	2	642700
70.73	3	2	658949
77.5	3	2	671896
27.03	2	3	29843
15.56	2	3	29844
14	2	3	29845
13.16	2	3	40839
31.71	2	3	41700
18.87	2	3	39786
22.45	2	3	29846
18.42	2	3	40094
22.22	2	3	29847
23.26	2	3	29848
21.62	2	3	29849
16.67	2	3	29850
15.38	2	3	29851
25.81	2	3	303023
46.67	2	3	306521
46.15	2	3	320567
34.62	2	3	344468
37.5	2	3	360861
30.43	2	3	538994
23.81	2	3	591717
16.67	2	3	601086
26.32	2	3	658862
13.64	2	3	675627
57.14	2	2	56483
48.78	2	2	56273
38.46	2	2	59428
36.51	2	2	67449
52.17	2	2	297578
39.13	2	2	299517
48.28	2	2	311218
51.06	2	2	313991
52	2	2	376965
60.53	2	2	368324
46.88	2	2	380409
48.57	2	2	385748
51.52	2	2	553078
50	2	2	559934
59.46	2	2	570410

66.67	2	2	578860
53.33	2	2	593413
52.08	2	2	597782
43.33	2	2	608749
45.24	2	2	613671
28.57	2	2	625045
36	2	2	631160
51.85	2	2	634980
50	2	2	644206
45.95	2	2	653489
45.71	2	2	669816
58.62	2	2	688118
42.86	1	1	56550
36.36	1	1	58914
36.36	1	1	59222
41.94	1	1	59805
30.3	1	1	59964
55	1	1	291856
35	1	1	288717
45.83	1	1	309847
14.29	1	1	321075
52.38	1	1	357379
46.67	1	1	379082
77.78	1	1	384697
73.68	1	1	553849
80	1	1	557903
71.43	1	1	574652
65	1	1	581428
57.89	1	1	652353
62.5	1	1	670430
38.89	1	1	688853
52.17	1	1	703076
69.44	1	2	61057
26.09	1	2	63505
24.14	1	2	63544
62.5	1	2	68128
58.54	1	2	61152
53.33	1	2	61276
61.36	1	2	61423
55.88	1	2	61533
44	1	2	61609
65.85	1	2	61683
34.62	1	2	63455
59.38	1	2	63081

43.9	1	2	61779
57.14	1	2	63196
36.96	1	2	63284
48.78	1	2	66954
56.82	1	2	304868
64.52	1	2	325438
70	1	2	359268
52.17	1	2	366262
54.9	1	2	541613
59.52	1	2	544276
69.44	1	2	594268
62.22	1	2	596844
75.68	1	2	607360
64.1	1	2	614515
70.97	1	2	622528
57.14	1	2	632272
62.5	1	2	636343
51.72	1	2	643417
70	1	2	660786
52.63	1	2	677479
64.71	1	2	692875
40	1	1	58085
47.22	1	1	58542
34.62	1	1	67923
36.59	1	1	58722
34.48	1	1	56834
51.61	1	1	67925
33.33	1	1	59118
41.46	1	1	59120
44.44	1	1	59121
38.89	1	1	59123
38.71	1	1	59122
33.33	1	1	59124
48.28	1	1	59126
47.62	1	1	59127
42.5	1	1	56815
60.98	1	1	56293
58.14	1	1	56294
48.08	1	1	59700
57.78	1	1	59702
68.97	1	1	60333
48.89	1	1	60494
66.67	1	1	308172
63.64	1	1	315033

62.16	1	1	376039
75	1	1	377299
42.86	1	1	368326
66.67	1	1	380377
63.04	1	1	384380
65.85	1	1	424517
60	1	1	509968
62.5	1	1	544132
69.7	1	1	553701
60.87	1	1	559469
72	1	1	607227
64	1	1	613675
59.09	1	1	635021
71.88	1	1	643148
33.33	1	3	61055
36.84	1	3	61082
30	1	3	61260
26.67	1	3	61820
66.67	1	3	307228
47.62	1	3	325037
47.62	1	3	352659
9.09	1	3	352661
12.5	1	3	393411
52.38	1	3	384353
12.5	1	3	393447
36.36	1	3	422929
15.63	1	3	509231
50	1	3	558655
68.42	1	3	576200
36.36	1	3	585971
65.52	1	3	594273
48.28	1	3	596826
62.07	1	3	610780
75	1	3	622430
61.54	1	3	632284
62.96	1	3	635808
50	1	3	643424
60	1	3	660788
51.28	1	3	677485
38.24	1	3	67626
32.43	1	3	56200
58.06	1	3	67999
35.71	1	3	60205
55.81	1	3	137721

45.45	1	3	298477
48.72	1	3	312801
52.94	1	3	318696
61.9	1	3	373058
54.55	1	3	376840
69.7	1	3	380821
38.89	1	3	384765
46.43	1	3	422012
56.67	1	3	509927
52.17	1	3	511962
34.78	1	3	546753
28.57	1	3	553320
21.88	1	3	558218
34.78	1	3	573075
43.24	1	3	581399
43.48	1	3	591247
23.08	1	3	599299
65.85	1	3	660164
62.16	1	3	669871
57.89	1	3	688890
17.65	3	3	94582
7.41	3	3	94819
14.81	3	3	97115
4	3	3	97166
4.35	3	3	118899
6.25	3	3	127347
17.65	3	3	119560
6.25	3	3	120167
26.67	3	3	127469
6.67	3	3	120831
43.48	3	3	121122
5.88	3	3	121422
0	3	3	127680
10.53	3	3	123120
13.89	3	3	126895
21.21	3	3	123854
25	3	3	124319
22.5	3	3	318579
24.39	3	3	325481
23.33	3	3	364014
30.3	3	3	381936
13.04	3	3	390765
35.71	3	3	390035
21.74	3	3	562350

38.46	3	3	562507
25	3	3	661911
33.33	3	3	669600
47.06	1	1	103051
68	1	1	103270
56.52	1	1	107821
51.72	1	1	103691
57.69	1	1	107870
52.17	1	1	104181
74.19	1	1	129227
57.58	1	1	129520
62.22	1	1	129845
64.1	1	1	130191
57.45	1	1	130512
60	1	1	130820
58.54	1	1	135428
67.65	1	1	131406
69.57	1	1	131687
65.12	1	1	132058
65.85	1	1	132544
37.14	1	1	132867
44.12	1	1	133319
58.06	1	1	133519
55.56	1	1	135716
65.52	1	1	133999
69.23	1	1	134119
75	1	1	134348
82.35	1	1	303065
72.97	1	1	316165
68.75	1	1	335111
75	1	1	364560
76.09	1	1	377899
85.19	1	1	422493
86.11	1	1	546875
76.92	1	1	546235
80.77	1	1	591867
66.67	1	1	601536
67.57	1	1	609461
77.42	1	1	616167
82.22	1	1	624376
80.77	1	1	628735
83.33	1	1	630256
81.48	1	1	635441
76.32	1	1	646347

91.67	1	1	658821
66.67	1	1	681372
80.65	1	1	692807
48.39	3	2	119702
47.06	3	2	120004
36.36	3	2	120210
42.42	3	2	126573
46.15	3	2	126617
48.28	3	2	126646
34.21	3	2	121660
35	3	2	123284
32	3	2	123592
41.67	3	2	124106
46.67	3	2	124331
25	3	2	302373
50	3	2	311574
34.29	3	2	324454
51.22	3	2	346362
52.17	3	2	353896
56.1	3	2	503990
47.92	3	2	510132
48.57	3	2	630082
41.67	3	2	635280
45.45	3	2	662475
70.37	3	2	677452
44.44	3	2	103119
41.67	3	2	107803
50	3	2	103493
21.05	3	2	103878
33.33	3	2	106987
20	3	2	129412
32	3	2	129700
25	3	2	129882
39.13	3	2	130225
37.93	3	2	134720
27.03	3	2	130839
31.82	3	2	131181
14.81	3	2	131519
47.62	3	2	131832
50	3	2	134888
25	3	2	135533
27.78	3	2	134964
30.77	3	2	133008
35.48	3	2	133358

37.14	3	2	133620
40	3	2	133881
40.74	3	2	134395
22.22	3	2	301017
41.38	3	2	305557
38.1	3	2	317128
50	3	2	334994
39.47	3	2	342670
42.86	3	2	349937
62.07	3	2	381670
34.69	3	2	380160
36.11	3	2	420640
34.04	3	2	506113
41.67	3	2	508280
39.62	3	2	549433
11.9	3	2	542330
35.42	3	2	551144
43.75	3	2	566195
44.9	3	2	566396
39.58	3	2	571344
38.46	3	2	581809
43.18	3	2	599311
60	3	2	658015
39.29	3	2	672393
50	3	2	691078
27.27	3	2	94593
30.77	3	2	97976
18.92	3	2	95027
32.5	3	2	95274
32.5	3	2	95448
34.78	3	2	95776
18.18	3	2	119002
25.81	3	2	119348
43.59	3	2	127384
28.95	3	2	120147
45.95	3	2	120404
39.47	3	2	120861
44.74	3	2	121109
39.47	3	2	121946
34.29	3	2	122397
35.71	3	2	124081
45.65	3	2	302868
38.3	3	2	309595
44.19	3	2	326860

35.85	3	2	374505
33.93	3	2	377144
40.54	3	2	536927
40	3	2	547902
61.76	3	2	594530
68.57	3	2	600107
43.24	3	2	657865
43.48	3	2	680714
18.92	3	1	97031
19.44	3	1	94631
24.44	3	1	97978
31.82	3	1	95072
22.22	3	1	97120
18	3	1	95591
26.83	3	1	95819
29.41	3	1	119070
35	3	1	119428
37.5	3	1	126488
29.73	3	1	119998
34.69	3	1	120209
32.56	3	1	120506
32.26	3	1	120905
39.47	3	1	127554
5.41	3	1	121527
29.41	3	1	122467
35.71	3	1	123279
30.56	3	1	123583
39.58	3	1	123829
27.78	3	1	124323
41.94	3	1	302687
50	3	1	312335
45.31	3	1	324618
45.1	3	1	343626
38.64	3	1	374514
38.81	3	1	376485
46	3	1	390352
47.17	3	1	543441
46.15	3	1	547646
46.51	3	1	560494
51.35	3	1	560160
58.54	3	1	574943
61.29	3	1	579385
54.17	3	1	594691
49.15	3	1	600112

53.33	3	1	607710
51.16	3	1	613339
53.06	3	1	623477
68.75	3	1	630074
54.39	3	1	637077
62.71	3	1	643354
71.74	3	1	661261
67.57	3	1	679369
67.74	3	1	688906
76.47	3	1	700732
48	1	1	103083
67.86	1	1	103260
51.52	1	1	103431
57.14	1	1	103753
62.16	1	1	104090
62.86	1	1	129621
66.67	1	1	129903
68.75	1	1	129976
67.86	1	1	130272
60	1	1	130602
50	1	1	130865
59.57	1	1	131247
53.19	1	1	131444
71.43	1	1	131703
60.47	1	1	132094
73.17	1	1	132414
67.5	1	1	133010
63.89	1	1	135032
66.67	1	1	135685
77.27	1	1	133872
81.08	1	1	134046
71.79	1	1	135161
71.79	1	1	305080
78.79	1	1	316570
71.79	1	1	337681
73.33	1	1	353886
78.43	1	1	377123
83.67	1	1	377897
69.57	1	1	548731
79.07	1	1	549486
86.96	1	1	566552
85.37	1	1	574668
80	1	1	581665
87.88	1	1	590560

62.5	1	1	599907
89.29	1	1	607019
89.29	1	1	614708
77.78	1	1	620820
88.46	1	1	628053
84.85	1	1	629866
90.48	1	1	635426
80	1	1	641969
84.38	1	1	646745
88.24	1	1	652927
94.12	1	1	671877
87.5	1	1	693202
60	3	2	100528
57.89	3	2	100647
60	3	2	100931
44.44	3	2	101058
33.33	3	2	101306
55	3	2	101453
58.82	3	2	127045
73.68	3	2	125133
45	3	2	125349
66.67	3	2	125543
53.33	3	2	127163
77.78	3	2	126128
56.52	3	2	128933
43.75	3	2	129042
73.33	3	2	121310
43.75	3	2	121580
20	3	2	122095
56.25	3	2	123167
22.73	3	2	126887
48.57	3	2	123697
50	3	2	126985
53.57	3	2	291356
60.87	3	2	312355
44.12	3	2	319372
55.17	3	2	354003
39.29	3	2	354815
48.28	3	2	503460
55.17	3	2	508705
33.33	3	2	591080
31.25	3	2	600391
38.89	3	2	624989
44.44	3	2	630323

60.47	3	2	635823
51.52	3	2	643244
70	3	2	691983
53.85	3	2	703063
37.04	3	2	131784
27.27	3	2	132075
32.26	3	2	134956
23.53	3	2	135619
15	3	2	133315
37.5	3	2	133575
57.69	3	2	133773
24.32	3	2	134086
44.44	3	2	135166
55.17	3	2	303732
34.04	3	2	337371
25.71	3	2	347001
46	3	2	378211
33.33	3	2	381216
30	3	2	385862
40.68	3	2	550338
29.41	3	2	549468
42.86	3	2	565281
40.68	3	2	566656
45.45	3	2	572448
52.17	3	2	583562
45.24	3	2	591820
33.33	3	2	597993
27.59	3	2	608034
23.08	3	2	614699
41.18	3	2	652409
40.48	3	2	681209
66.67	2	1	103099
50	2	1	103283
50	2	1	103437
64.52	2	1	103707
56	2	1	106963
45.16	2	1	104201
60.87	2	1	129236
65.52	2	1	129484
54.29	2	1	129750
68.29	2	1	130235
65.12	2	1	134725
57.69	2	1	130926
69.23	2	1	131215

54.55	2	1	131388
72	2	1	135484
52.94	2	1	132079
59.26	2	1	132561
58.7	2	1	132817
56.6	2	1	133488
64.44	2	1	135722
66	2	1	134125
62.22	2	1	134386
69.39	2	1	305082
71.11	2	1	316569
81.82	2	1	335004
85.71	2	1	353879
77.55	2	1	364572
92.5	2	1	377940
66.1	2	1	550192
68.33	2	1	549538
78.72	2	1	561815
74	2	1	569131
72.22	2	1	574670
85	2	1	581673
72.55	2	1	595393
84.44	2	1	597911
89.58	2	1	605383
79.25	2	1	616944
78.26	2	1	622970
50	2	1	629814
74.14	2	1	635432
92.31	2	1	640643
64.81	2	1	644744
84.09	2	1	652935
86.49	2	1	680603
70.59	2	1	692929
64.71	2	1	694043
15.38	3	3	97840
21.21	3	3	93175
24.14	3	3	93309
27.59	3	3	93453
22.22	3	3	93589
21.62	3	3	93690
27.03	3	3	115182
28.95	3	3	118011
33.33	3	3	115518
30.95	3	3	118053

26.47	3	3	115753
25	3	3	117177
37.5	3	3	118171
16.67	3	3	118268
29.17	3	3	118454
39.53	3	3	118530
32.43	3	3	118728
11.76	3	3	114698
45.95	3	3	114889
27.27	3	3	114902
47.73	3	3	115090
54.17	3	3	302438
41.67	3	3	313553
44.44	3	3	318793
45.24	3	3	354047
54.55	3	3	358791
31.43	3	3	368111
30	3	3	508482
31.25	3	3	506449
46.67	3	3	573191
63.33	3	3	579854
52.78	3	3	659118
63.64	3	3	681062
61.11	3	3	692856
42.11	2	1	107793
33.33	2	1	107809
28.57	2	1	103482
0	2	1	103805
42.86	2	1	103936
27.27	2	1	103935
20	2	1	104034
46.15	2	1	135232
30.77	2	1	129689
30	2	1	129888
15.38	2	1	130145
28.57	2	1	130402
52.63	2	1	135383
18.18	2	1	131146
28.57	2	1	131376
56.25	2	1	134877
9.09	2	1	132214
27.78	2	1	132359
25	2	1	132938
68.75	2	1	133266

45.45	2	1	133703
25	2	1	134179
40.91	2	1	134473
62.5	2	1	351733
66.67	2	1	304363
71.43	2	1	318664
50	2	1	330565
45.45	2	1	353881
59.09	2	1	375482
30	2	1	385617
60	2	1	386576
45.83	2	1	422222
55.17	2	1	542439
55.17	2	1	551145
66.67	2	1	565491
55.56	2	1	569145
77.78	2	1	653594
62.5	2	1	676136
12.5	2	1	93658
12.5	2	1	93225
21.74	2	1	93282
25	2	1	93401
23.53	2	1	93518
27.78	2	1	93679
40	2	1	115156
36.84	2	1	115251
52.38	2	1	115375
63.64	2	1	115467
50	2	1	115610
37.5	2	1	115811
44	2	1	115898
47.83	2	1	116140
34.48	2	1	116244
33.33	2	1	118176
28.95	2	1	118206
36.11	2	1	118367
25	2	1	118502
47.83	2	1	118638
40	2	1	114781
59.09	2	1	114886
53.33	2	1	114950
45.45	2	1	117982
39.29	2	1	304215
53.33	2	1	313531

42.42	2	1	317579
60	2	1	360316
66.67	2	1	368466
56.25	2	1	541429
62.5	2	1	549152
75	2	1	593286
70.97	2	1	599583
70.83	2	1	658042
65	2	1	674347
0	3	2	156012
7.69	3	2	156063
14.29	3	2	156098
21.95	3	2	167067
33.33	3	2	156363
22.22	3	2	156238
29.41	3	2	156482
38.1	3	2	156271
30	3	2	156597
16.13	3	2	313718
40	3	2	318472
31.25	3	2	342633
34.21	3	2	350063
31.25	3	2	422307
29.41	3	2	506856
56.52	3	2	572958
41.94	3	2	578180
40	3	2	597331
44.44	3	2	658509
57.14	3	2	673776
46.15	3	2	687244
36.36	3	3	173639
22.22	3	3	157236
22.58	3	3	167184
23.08	3	3	157571
22.58	3	3	157329
22.5	3	3	157374
48.28	3	3	157660
27.66	3	3	158075
26.09	3	3	158074
32.2	3	3	176646
29.41	3	3	169539
38.3	3	3	167971
35.29	3	3	173736
34.43	3	3	175675

35.09	3	3	158739
33.33	3	3	175689
37.04	3	3	158401
39.66	3	3	168802
43.75	3	3	159147
50	3	3	313986
46	3	3	320822
53.85	3	3	338774
56.1	3	3	341390
61.11	3	3	347781
43.59	3	3	423399
33.33	3	3	505644
59.26	3	3	571987
48.48	3	3	580018
69.23	3	3	660143
66.67	3	3	674107
65.79	3	3	692029
29.03	3	2	160896
25.71	3	2	169700
34.09	3	2	161060
36.84	3	2	171495
23.68	3	2	161346
28.57	3	2	327224
34.88	3	2	161788
14.29	3	2	167416
32.35	3	2	162074
29.27	3	2	174185
38	3	2	171608
41.46	3	2	162489
36.59	3	2	162576
38.3	3	2	162643
31.11	3	2	167440
27.59	3	2	167514
38.78	3	2	171660
21.21	3	2	166910
21.74	3	2	163087
32.79	3	2	174288
34.62	3	2	163277
23.26	3	2	163424
35.9	3	2	311787
35.56	3	2	314597
26.09	3	2	319635
39.13	3	2	334935
41.46	3	2	339932

33.33	3	2	349780
48.08	3	2	359587
26.09	3	2	368277
46.34	3	2	381723
35.42	3	2	384687
42.22	3	2	421570
48.15	3	2	507830
57.89	3	2	538217
37.84	3	2	544204
52.63	3	2	553217
70.37	3	2	558966
78.13	3	2	576378
69.23	3	2	583262
54.29	3	2	590716
59.09	3	2	599786
57.58	3	2	608326
68.57	3	2	623319
55.26	3	2	631458
63.89	3	2	636395
69.23	3	2	645686
63.33	3	2	665824
70	3	2	670947
59.38	3	2	687970
76.19	3	2	702013
21.62	2	1	166976
13.79	2	1	160959
20	2	1	161099
12	2	1	167597
5.71	2	1	174077
17.24	2	1	169737
14.89	2	1	161937
23.4	2	1	175836
10.2	2	1	172438
21.62	2	1	162241
12.5	2	1	162424
24.49	2	1	162503
25.64	2	1	171623
15.22	2	1	162645
17.02	2	1	162807
25	2	1	162903
20.83	2	1	174265
19.23	2	1	174274
21.82	2	1	171680
20	2	1	171688

17.14	2	1	163434
14	2	1	311780
19.51	2	1	314603
19.15	2	1	319655
30.23	2	1	334951
22.22	2	1	339941
16.33	2	1	349746
25	2	1	359573
18.64	2	1	368363
24.59	2	1	381727
28.26	2	1	384672
25	2	1	421562
18.33	2	1	507801
20.41	2	1	538215
10.42	2	1	544262
25.93	2	1	555049
28	2	1	558963
51.35	2	1	576561
25.4	2	1	583270
30	2	1	590715
24.56	2	1	599783
27.08	2	1	608325
19.23	2	1	623258
13.64	2	1	632221
23.08	2	1	636397
22	2	1	645486
48.57	2	1	663274
32.2	2	1	676486
36.36	2	1	687823
38.89	3	2	160856
64.52	3	2	161003
42.31	3	2	161074
53.85	3	2	161321
46.15	3	2	174074
38.71	3	2	168087
45.45	3	2	161887
55.88	3	2	162028
46.15	3	2	162082
61.11	3	2	176417
53.33	3	2	162382
60	3	2	162512
58.97	3	2	169793
50	3	2	175876
54.84	3	2	162822

55	3	2	167513
47.22	3	2	163023
35.9	3	2	168137
51.28	3	2	176429
42.11	3	2	163221
55	3	2	163328
61.29	3	2	171698
55.88	3	2	311232
63.41	3	2	308781
47.17	3	2	319679
51.16	3	2	331143
51.28	3	2	336965
52.38	3	2	339727
41.67	3	2	346899
57.5	3	2	357168
45	3	2	366852
44.74	3	2	380177
51.22	3	2	383563
61.54	3	2	423256
51.43	3	2	508786
45.95	3	2	538006
57.45	3	2	544861
55.56	3	2	547890
60.47	3	2	551382
45.1	3	2	553688
57.14	3	2	558585
62.79	3	2	577192
50	3	2	583349
73.91	3	2	592632
75	3	2	597234
57.14	3	2	608928
80	3	2	611648
64	3	2	616861
77.42	3	2	625053
75	3	2	631928
58.97	3	2	635345
72.41	3	2	663319
75	3	2	679181
78.13	3	2	693658
45.16	2	1	163883
40	2	1	164048
31.58	2	1	172509
8.7	2	1	168966
38.24	2	1	164708

52.94	2	1	164958
41.67	2	1	165097
33.33	2	1	165185
66.67	2	1	165526
70.37	2	1	165284
57.89	2	1	165428
54.17	2	1	170269
41.3	2	1	169007
33.33	2	1	165912
60.53	2	1	166042
37.21	2	1	166140
43.24	2	1	166178
39.39	2	1	170000
50	2	1	166334
46.43	2	1	166462
65.38	2	1	166605
56.67	2	1	311733
58.82	2	1	314620
60	2	1	313764
65.63	2	1	336921
67.74	2	1	339930
87.5	2	1	349798
60.87	2	1	360363
64.86	2	1	364800
79.31	2	1	381811
73.53	2	1	387284
70	2	1	504041
73.91	2	1	508642
81.48	2	1	539296
74.07	2	1	543807
75.86	2	1	554041
56.67	2	1	563593
68	2	1	577058
50	2	1	595948
70	2	1	599003
55.17	2	1	607475
83.33	2	1	614338
36.84	2	1	623434
48.57	2	1	630248
46.15	2	1	636411
80.95	2	1	643581
73.91	2	1	660724
74.07	2	1	689622
34.78	2	2	164044

48.28	2	2	164367
50	2	2	164557
57.14	2	2	164785
70.97	2	2	165002
79.17	2	2	165117
59.09	2	2	172549
70	2	2	165351
78.57	2	2	174527
68.75	2	2	165659
46.67	2	2	166699
47.62	2	2	174795
50	2	2	166129
27.27	2	2	166262
44.12	2	2	171970
52.78	2	2	166487
65.63	2	2	166615
54.55	2	2	311374
56.25	2	2	314522
61.11	2	2	318854
50	2	2	336874
53.85	2	2	340409
53.13	2	2	350190
64.52	2	2	360476
55.56	2	2	366830
58.33	2	2	378523
50	2	2	388160
54.55	2	2	504435
51.43	2	2	510528
52.38	2	2	512439
58.33	2	2	538618
50	2	2	540769
41.03	2	2	542690
56.1	2	2	545340
56.76	2	2	547805
44.12	2	2	550510
60.53	2	2	553690
57.58	2	2	560941
61.54	2	2	570202
60.61	2	2	579380
58.54	2	2	579160
69.23	2	2	593805
63.64	2	2	600197
75.86	2	2	617673
67.65	2	2	620383

65.52	2	2	632656
43.59	2	2	635794
77.27	2	2	664093
62.07	2	2	677275
70.97	2	2	692347
64	2	2	700548
31.43	2	1	170267
21.05	2	1	165824
23.81	2	1	169011
27.27	2	1	166032
25	2	1	171949
15.79	2	1	166278
16.67	2	1	167493
29.27	2	1	174640
28.57	2	1	166567
26.67	2	1	311066
19.05	2	1	314294
25	2	1	320837
40.54	2	1	337680
32.43	2	1	339916
40	2	1	351600
42.5	2	1	356649
37.14	2	1	366209
42.86	2	1	379663
45.24	2	1	388976
42.11	2	1	504430
42.55	2	1	509802
44.74	2	1	537214
38.46	2	1	546909
51.43	2	1	554605
54.29	2	1	562576
42.42	2	1	582941
70	2	1	581564
55.88	2	1	599055
47.62	2	1	609864
47.37	2	1	614326
41.03	2	1	630301
47.37	2	1	637166
63.64	2	1	659484
44.12	2	1	672841
38.1	2	1	689521
22.73	2	1	698573
27.27	1	3	172092
7.41	1	3	169092

13.33	1	3	149181
23.08	1	3	149323
8.33	1	3	170466
9.68	1	3	175127
17.14	1	3	175140
9.68	1	3	175146
13.33	1	3	168366
13.79	1	3	150959
28	1	3	151273
13.04	1	3	175231
21.43	1	3	151752
19.44	1	3	151931
16.67	1	3	169238
21.95	1	3	152212
11.54	1	3	169262
18.42	1	3	152777
9.09	1	3	153011
3.33	1	3	153290
5.88	1	3	153449
10.53	1	3	153663
29.63	1	3	300535
22.5	1	3	313285
22.58	1	3	326786
30.43	1	3	384982
28	1	3	384979
23.08	1	3	563981
54.55	1	3	567163
44.44	1	3	603558
43.48	1	3	599241
47.37	1	3	606379
28.57	1	3	617161
33.33	1	3	623054
36.84	1	3	632074
36.36	1	3	636050
56	1	3	661444
42.11	1	3	678044
44.44	2	2	148941
43.48	2	2	172866
33.33	2	2	168334
33.33	2	2	149511
13.04	2	2	149766
20	2	2	150005
24.14	2	2	150344
11.11	2	2	172993

38.71	2	2	150878
27.59	2	2	151212
40	2	2	170120
31.58	2	2	176536
46.15	2	2	151896
33.33	2	2	152076
21.74	2	2	152380
19.35	2	2	152584
24.32	2	2	152735
33.33	2	2	153155
35.48	2	2	172204
31.25	2	2	153476
30.3	2	2	153607
36.84	2	2	288637
26.19	2	2	312418
36.73	2	2	326264
43.33	2	2	382777
50	2	2	386474
41.38	2	2	661644
38.1	2	2	670654
50	1	3	148942
65	1	3	169105
58.33	1	3	149376
33.33	1	3	175104
45	1	3	169141
30.43	1	3	150006
31.82	1	3	150337
15.79	1	3	150544
63.64	1	3	150933
60	1	3	173056
50	1	3	151291
66.67	1	3	151623
76.92	1	3	151894
55.56	1	3	177369
53.85	1	3	152381
24.14	1	3	170747
44.12	1	3	152733
63.89	1	3	176278
69.23	1	3	152919
62.5	1	3	153227
68.75	1	3	153493
62.07	1	3	153665
68	1	3	288818
76.92	1	3	312422

79.17	1	3	326262
84	1	3	382779
64.29	1	3	389866
62.5	1	3	511895
75	1	3	539267
46.15	1	3	541532
41.18	1	3	543544
52.94	1	3	546243
56	1	3	550882
56.41	1	3	552825
89.47	1	3	556085
78.13	1	3	558261
72	1	3	572071
66.67	1	3	579361
66.67	1	3	590435
62.5	1	3	598618
70.83	1	3	607221
62.5	1	3	622659
73.68	1	3	625780
76.19	1	3	628658
77.78	1	3	630796
68.75	1	3	633623
47.37	1	3	634998
78.26	1	3	636894
63.64	1	3	639001
60.87	1	3	661446
66.67	1	3	678029
63.16	1	2	148925
38.71	1	2	172016
30.77	1	2	149291
18.18	1	2	167753
23.53	1	2	177302
22.58	1	2	150071
27.59	1	2	167783
17.39	1	2	150500
47.62	1	2	167569
41.38	1	2	150915
63.33	1	2	151158
56	1	2	151374
65.38	1	2	173110
52	1	2	177365
42.31	1	2	170688
52.63	1	2	177382
32.35	1	2	167123

35.71	1	2	176524
19.23	1	2	153151
20.59	1	2	168464
31.82	1	2	153245
20.59	1	2	153431
30.56	1	2	153649
38.89	1	2	297437
28.13	1	2	312585
35.9	1	2	326301
51.61	1	2	364122
30.56	1	2	367173
5.56	1	2	546128
16.67	1	2	544948
40	1	2	552722
44.9	1	2	562728
57.58	1	2	573385
50	1	2	587945
54.84	1	2	594053
41.38	1	2	601778
56.82	1	2	605572
50	1	2	615936
44.19	1	2	622996
44.44	1	2	630599
22.73	1	2	636095
52	1	2	640265
34.48	1	2	643086
62.07	1	2	658056
47.83	1	2	671061
62.22	1	2	692719
58.33	1	2	695188
29.17	3	2	148906
37.93	3	2	149453
34.21	3	2	149467
0	3	2	149587
7.69	3	2	168341
23.68	3	2	150064
21.74	3	2	151240
30	3	2	151308
15.15	3	2	173087
17.39	3	2	167539
13.04	3	2	177720
25	3	2	152280
26.47	3	2	152509
46.51	3	2	152686

43.75	3	2	152911
36.36	3	2	153314
47.22	3	2	153387
41.67	3	2	153557
21.43	3	2	299982
24.14	3	2	312800
24.39	3	2	326558
25	3	2	336738
31.03	3	2	339472
50	3	2	349321
17.24	3	2	423141
38	3	2	508330
19.35	3	2	563493
48.48	3	2	566635
54.55	3	2	590164
58.06	3	2	599350
35.29	3	2	605902
57.14	3	2	617142
45	3	2	622701
52.27	3	2	629090
47.17	3	2	636640
50	3	2	642314
59.09	3	2	660604
41.67	3	2	680508
13.64	1	2	167793
30.43	1	2	150687
44	1	2	150724
21.43	1	2	151222
30.77	1	2	151363
10.53	1	2	151606
60	1	2	151822
36.36	1	2	170686
56.52	1	2	166848
19.05	1	2	170741
30.77	1	2	152863
21.05	1	2	176798
27.78	1	2	170806
35	1	2	153422
29.41	1	2	153618
28	1	2	300057
36.67	1	2	312828
41.67	1	2	326607
32.14	1	2	336683
45.45	1	2	339279

36.36	1	2	349310
42.86	1	2	364118
42.42	1	2	368112
32	1	2	542437
36.11	1	2	549302
59.26	1	2	594032
66.67	1	2	596763
47.62	1	2	636907
58.33	1	2	641366
56.52	1	2	690583
42.31	1	2	703451
25.71	1	3	167413
20.59	1	3	149142
36.11	1	3	149309
33.33	1	3	167750
22.86	1	3	149779
34.78	1	3	174876
18.52	1	3	150312
8.33	1	3	150627
24.24	1	3	173033
16.67	1	3	151192
28.57	1	3	170636
30	1	3	151661
25	1	3	151901
26.09	1	3	152051
25.93	1	3	169267
17.86	1	3	152543
21.74	1	3	172696
10	1	3	153006
15.38	1	3	153355
13.33	1	3	176281
19.35	1	3	153570
19.35	1	3	330388
26.32	1	3	312894
4	1	3	326134
30	1	3	340055
7.14	1	3	348925
25.93	1	3	364023
31.11	1	3	365423
19.23	1	3	546740
0	1	3	550300
34.09	1	3	591413
31.58	1	3	597143
36.84	1	3	608461

24.32	1	3	614891
30.3	1	3	623351
38.1	1	3	633143
48	1	3	636903
55	1	3	654933
52	1	3	676955
16.67	1	3	170413
16.67	1	3	149155
17.39	1	3	168330
27.27	1	3	149618
33.33	1	3	149762
20	1	3	170088
23.08	1	3	169164
30.77	1	3	150624
40	1	3	174734
7.69	1	3	151179
25	1	3	151478
22.86	1	3	175241
25.71	1	3	151903
21.21	1	3	152049
16.13	1	3	173151
28.57	1	3	170136
33.33	1	3	152843
20	1	3	152998
12.5	1	3	153356
9.09	1	3	153512
5.56	1	3	176507
23.53	1	3	300685
12.9	1	3	312885
15.15	1	3	364074
16.67	1	3	365830
7.69	1	3	543797
9.68	1	3	550301
46.43	1	3	593658
10.53	1	3	597142
24	1	3	655205
45	1	3	676165
37.04	3	3	151941
29.41	3	3	167836
31.25	3	3	152341
21.88	3	3	152548
20.69	3	3	169271
10.34	3	3	177397
24.14	3	3	153313

14.81	3	3	170817
22.22	3	3	167131
21.43	3	3	290537
22.22	3	3	310953
26.67	3	3	326198
17.39	3	3	356052
25	3	3	365562
25	3	3	537641
11.11	3	3	550253
46.15	3	3	588787
42.86	3	3	596570
29.41	3	3	605279
16.28	3	3	614858
24.49	3	3	621485
39.29	3	3	631313
28.57	3	3	637390
36.67	3	3	659857
22.73	3	3	679930
36.84	3	3	690773
21.21	3	3	704494
70.73	2	1	324795
80.77	2	1	324414
71.43	2	1	342424
76.19	2	1	351436
67.86	2	1	421214
77.78	2	1	509234
87.88	2	1	603367
86.96	2	1	603368
94.74	2	1	603369
81.25	2	1	608484
76.74	2	1	610602
69.39	2	1	616035
74.42	2	1	623300
100	2	1	626506
77.42	2	1	632355
76.09	2	1	637142
100	2	1	641829
84	2	1	647159
85	2	1	656271
81.82	2	1	664772
82.35	2	1	674699
78.79	2	1	304593
75	2	1	320473
75.61	2	1	343816

100	2	1	349896
100	2	1	359121
89.47	2	1	365827
90	2	1	381051
65.22	2	1	385139
60	2	1	393373
74.29	2	1	505973
66.67	2	1	538775
67.86	2	1	545165
92.86	2	1	551866
83.33	2	1	559639
87.88	2	1	657401
67.65	2	1	677837
64.71	1	2	343209
57.14	1	2	344478
43.75	1	2	345897
72.73	1	2	347798
57.89	1	2	349441
69.23	1	2	360492
84.62	1	2	360469
78.26	1	2	360458
63.89	1	2	360480
55.88	1	2	360490
57.89	1	2	363490
69.57	1	2	388225
70	1	2	376507
64.91	1	2	376683
69.39	1	2	377305
66.67	1	2	381202
75	1	2	381807
72.55	1	2	381817
76	1	2	382832
69.23	1	2	385708
63.27	1	2	385683
64.44	1	2	386387
73.91	1	2	388165
70.21	1	2	503557
60.34	1	2	506671
71.74	1	2	537750
63.16	1	2	544590
81.63	1	2	592134
78.26	1	2	594553
71.67	1	2	601462
64	1	2	608066

76.27	1	2	613422
72.92	1	2	620129
68.52	1	2	621772
72.34	1	2	623399
70.59	1	2	625620
78.05	1	2	626468
60.66	1	2	628065
68.29	1	2	629743
65.31	1	2	631205
68.75	1	2	632192
72.34	1	2	633159
61.4	1	2	635190
83.33	1	2	638916
69.57	1	2	643177
85.19	1	2	657596
85.29	1	2	673297
56.76	1	3	352656
46.51	1	3	349384
46.34	1	3	422934
38.1	1	3	508787
21.05	1	3	576525
57.14	1	3	585878
38.71	1	3	652926
22.22	1	3	673598
43.33	1	3	692781
59.09	1	3	383110
48.57	1	3	373725
33.33	1	3	378668
50	1	3	382505
44.44	1	3	507531
50	1	3	506529
48	1	3	508670
68.57	1	3	537812
59.26	1	3	547583
46.51	1	3	569178
28.57	1	3	581001
53.85	1	3	592210
51.52	1	3	601843
73.68	1	3	606567
66.67	1	3	615562
71.43	1	3	620913
58.82	1	3	630916
82.61	1	3	636651
66.67	1	3	643264

55.17	1	3	658542
64.71	1	3	676858
79.17	1	3	691727
51.72	1	3	601906
71.43	1	3	608470
66.67	1	3	614675
65.63	1	3	620851
72.73	1	3	629826
75	1	3	637040
78.26	1	3	640831
80	1	3	656167
70	1	3	669398
72.41	1	3	682808
71.43	1	3	686692
65.22	1	3	698761

SITE SEASON	PSI (mixed)	E-PSI (mixed)	% Fine sediment (sDIA)
Exe (spring)	97	99.33	0
Exe (summer)	91.2	96.61	1
Exe (autumn)	96.3	99.22	1
De Lank (spring)	93.3	96.66	0
De Lank (summer)	86.4	96.4	1
De Lank (autumn)	82.5	95.31	2
Blackwater (spring)	87.5	91.65	17
Blackwater (summer)	88.5	93.15	3
Blackwater (autumn)	93.2	95.36	6
Yarty (spring)	80	91.61	3
Yarty (summer)	72.4	91.06	1
Yarty (autumn)	81.8	93.33	0
Loddon (spring)	77.8	82.61	28
Loddon (summer)	65.5	75.15	45
Loddon (autumn)	75	75.92	43
Cowside (spring)	100	100	0
Cowside (summer)	100	100	3
Cowside (autumn)	89.3	99.5	0
Dowles (spring)	87.8	90.3	8
Morlas (spring)	91.9	95.2	5
Morlas (summer)	90.2	94.3	9
Morlas (autumn)	84.7	92	2
Arrow (spring)	96.2	98.6	0
Arrow (summer)	NA	NA	0
Arrow (autumn)	96.2	97.6	0
Lugg (spring)	89.2	94.2	4
Lugg (summer)	86.5	94.5	0
Lugg (autumn)	81	93.7	0

% fine sediment (eDIA)	% Fine sediment (visual)
0	5
1	10
1	10
0	10
2	10
3	10
12	15
2	15
4	15
4	10
3	10
1	10
33	60
47	60
37	70
0	5
1	5
0	5
5	20
5	35
11	25
2	30
0	15
0	15
0	10
3	20
0	10
0	10

		Exe 06/09/14	De Lank 30/11/14
		Site 1	Site 2
sDIA (software-based DIA)			
Operator 1	% fine sediment	1	2
Operator 2 (independent)	% fine sediment	1	4
eDIA (estimate-based DIA)			
Operator 1	% fine sediment	1	3
Operator 2 (independent)	% fine sediment	1	1

Blackwater 04/09/14	Yarty 29/11/14	Loddon 04/06/14	
Site 3	Site 4	Site 5	
	3	0	28
	0	1	31
	2	1	33
	0	1	28

Site season	Transect 1	Transect 2	Transect 3	Transect 4
River Exe (spring)	0.369	0.1713	0.2520	2.1626
River Exe (summer)	0.472	0.6234	0.0000	1.5344
River Exe (autumn)	0.668	0.2242	0.6064	0.6667
De Lank (spring)	0.000	0.2349	0.7181	0.5807
De Lank (summer)	1.109	0.1840	2.6757	0.0000
De Lank (autumn)	3.407	0.0918	2.8872	0.0000
Blackwater (spring)	0.000	2.0000	3.9699	23.4973
Blackwater (summer)	1.140	2.0644	4.0000	4.0000
Blackwater (autumn)	4.000	5.0000	6.5069	6.9649
Yarty (spring)	3.000	1.6667	5.0000	4.6667
Yarty (summer)	0.237	0.0000	0.6417	2.6271
Yarty (autumn)	0.206	0.1288	0.0756	0.0637
Loddon (spring)	11.473	23.8459	24.2929	47.2935
Loddon (summer)	37.214	38.2212	55.9895	55.9725
Loddon (autumn)	30.660	39.3632	48.7892	50.7085
Cowside (spring)	0.178	0.4276	0.0000	0.0000
Cowside (summer)	0.000	0.0000	10.6208	0.0000
Cowside (autumn)	0.000	0.0000	0.0000	0.1657
Arrow (spring)	0.000	0.0000	0.0000	0.0000
Arrow (summer)	0.000	0.0000	0.0000	0.3333
Arrow (autumn)	0.000	0.0000	0.3333	0.0000
Dowles (spring)	25.385	11.8155	0.3683	0.0000
Dowles (summer)	Too turbid	Too turbid	Too turbid	Too turbid
Dowles (autumn)	Too turbid	Too turbid	Too turbid	Too turbid
Morlas (spring)	2.019	1.0950	4.6520	3.1600
Morlas (summer)	44.800	2.9828	0.3468	1.5327
Morlas (autumn)	1.359	0.0000	0.7209	0.1456
Lugg (spring)	0.000	4.5308	0.0000	18.8479
Lugg (summer)	0.000	0.0000	0.5459	0.0000
Lugg (autumn)	0.095	0.0000	0.0000	0.0000

Transect 5

0.0000
0.0000
0.9511
0.8298

27.7498
4.7511
6.8475
2.3333
2.8889
0.3715
23.3236
36.5552
38.5686
0.0000
0.0000
0.0000
0.2558
0.0000
0.6667
1.8469

Too turbid

Too turbid

10.9232
5.4233
11.4859
0.0000
0.4267
0.0000