

1	1.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18.5	42.0
1	1.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.5	1	19	43.2
1	1.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1.5	1.5	1	19.5	44.3
1	1.5	1.5	1	1	1	1	1	1	1	1	1	1	1	1	1.5	1.5	1	20	45.4
1.5	1.5	1.5	1	1	1	1	1	1	1	1	1	1	1	1	1.5	1.5	1	20.5	46.5
1.5	1.5	1.5	1	1	1	1	1	1	1	1	1	1	1	1	1.5	1.5	1.5	21	47.6
1.5	1.5	1.5	1	1	1	1	1	1	1	1	1	1	1	1	1.5	2	1.5	21.5	48.6
2	2	2	0	2	0	0	2	0	2	0	0	2	2	0	2	2	2	22	49.0
2	2	2	0	2	0	0	2	0	2	0	0	2	2	0	2	2.5	2	22.5	50.1
2	2.5	2	0	2	0	0	2	0	2	0	0	2	2	0	2	2.5	2	23	51.1
2	2.5	2	0	2	0	0	2	0	2	0	0	2	2	0	2.5	2.5	2	23.5	52.2
2	2	2	0	2	0	2	2	0	2	0	0	2	2	0	2	2	2	24	53.5
2	2	2	0	2	0	2	2	0	2	0	0	2	2	0	2	2.5	2	24.5	54.5
2	2.5	2	0	2	0	2	2	0	2	0	0	2	2	0	2	2.5	2	25	55.6
2	2.5	2	0	2	0	2	2	0	2	0	0	2	2	0	2.5	2.5	2	25.5	56.6
2	2	2	0	2	0	2	2	0	2	2	0	2	2	0	2	2	2	26	57.9
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2	2	2	2	2	0	2	2	0	2	2	0	2	2	0	2	2	2	28	62.4
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2	2	2	2	2	0	2	2	0	2	2	0	2	2	2	2	2	2	30	66.8
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2	2.5	2	2	2	0	2	2	0	2	2	0	2	2	2	2	2.5	2	31	69.0
2	2.5	2	2	2	0	2	2	0	2	2	0	2	2	2	2.5	2.5	2	31.5	70.0
2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2	2	32	71.3
2	2	2	2	2	2	2	2	0	2	2	0	2	2	2	2	2.5	2	32.5	72.4
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2	2.5	2	2	2	2	2	2	0	2	2	0	2	2	2	2.5	2.5	2	33.5	74.5
2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	34	75.8
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2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	36	80.2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.5	2	36.5	81.3
2	2.5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.5	2	37	82.3
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2	2.5	2.5	2	2	2	2	2	2	2	2	2	2	2	2	2.5	2.5	2	38	84.4
2	2.5	2.5	2	2	2	2	2	2	2	2	2	2	2	2	2.5	2.5	2.5	38.5	85.5
2.5	2.5	2.5	2	2	2	2	2	2	2	2	2	2	2	2	2.5	2.5	2.5	39	86.6
2.5	2.5	2.5	2	2	2	2	2	2	2	2	2	2	2	2	2.5	3	2.5	39.5	87.6
2.5	3	2.5	2	2	2	2	2	2	2	2	2	2	2	2	2.5	3	2.5	40	88.6
2.5	3	2.5	2	2	2	2	2	2	2	2	2	2	2	2	2.5	3	3	40.5	89.7
3	3	2.5	2	2	2	2	2	2	2	2	2	2	2	2	2.5	3	3	41	90.7
3	3	2.5	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	41.5	91.7
3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	42	92.8
3	3	3	2	2	2	2	2	2	2	2	2	2	2	2.5	3	3	3	42.5	93.8
3	3	3	2.5	2	2	2	2	2	2	2	2	2	2	2.5	3	3	3	43	94.9
3	3	3	2.5	2	2	2	2	2	2	2	2	2	2.5	2.5	3	3	3	43.5	96.0
3	3	3	2.5	2.5	2	2	2	2	2	2	2	2	2.5	2.5	3	3	3	44	97.0
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3	3	3	2.5	2.5	2	2	2	2.5	2	2	2.5	2	2.5	2.5	3	3	3	45	99.1
3	3	3	2.5	2.5	2.5	2	2	2.5	2	2	2.5	2	2.5	2.5	3	3	3	45.5	100.2
3	3	3	2.5	2.5	2.5	2.5	2.5	2	2	2	2.5	2.5	2.5	2.5	3	3	3	46.5	102.3
3	3	3	2.5	3	2.5	2.5	2.5	2	2	2	2.5	2.5	2.5	3	3	3	3	47.5	104.4
3	3	3	3	3	2.5	2.5	2.5	2	2	2	2.5	2.5	2.5	3	3.5	3	3	48.5	106.4
3	3.5	3	3	3	2.5	2.5	2.5	2	2.5	2	2.5	2.5	2.5	3	3.5	3.5	3	50	109.5
3	3.5	3.5	3	3	2.5	2.5	2.5	2	2.5	2	2.5	2.5	2.5	3	3.5	3.5	3	50.5	110.5
3	3.5	3.5	3	3	2.5	2.5	2.5	2	2.5	2.5	2.5	2.5	2.5	3	3.5	3.5	3	51	111.6
3	3.5	3.5	3	3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3.5	3.5	3	51.5	112.6
3	3.5	3.5	3	3	3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3.5	3.5	3	52	113.7
3	3.5	3.5	3	3	3	3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3.5	3.5	3	52.5	114.7
3	3.5	3.5	3	3	3	3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3.5	3.5	3.5	53	115.7
3	3.5	3.5	3	3	3	3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3.5	4	3.5	53.5	116.7
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3	3.5	3.5	3	3	3	3	3	2.5	2.5	2.5	2.5	2.5	3	3	3.5	4	3.5	54.5	118.8
3	3.5	3.5	3	3	3	3	3	2.5	2.5	2.5	2.5	3	3	3	3.5	4	3.5	55	119.8
3	3.5	3.5	3	3	3	3	3	2.5	2.5	3	2.5	3	3	3	3.5	4	3.5	55.5	120.9
3	3.5	3.5	3	3	3	3	3	2.5	2.5	3	3	3	3	3	3.5	4	3.5	56	121.9
3.5	3.5	3.5	3	3	3	3	3	2.5	2.5	3	3	3	3	3	3.5	4	3.5	56.5	122.9
3.5	3.5	3.5	3.5	3	3	3	3	2.5	2.5	3	3	3	3	3	3.5	4	3.5	57	124.0
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3.5	3.5	3.5	3.5	3	3	3	3	2.5	2.5	3	3	3	3	3.5	3.5	4	4	58	126.0
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4	4	4	4	3.5	3.5	3.5	3	3	3	3	3	3	3.5	3.5	4	4	4.5	65	140.1
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4	4	4	4	3.5	3.5	3.5	3	3	3	3	3.5	3.5	3.5	4	4.5	4.5	4	66	142.1
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4	4.5	4.5	4	3.5	3.5	3.5	3	3	3	3	3.5	3.5	3.5	4	4.5	4.5	4	67	144.0
4	4.5	4.5	4	3.5	3.5	3.5	3	3	3.5	3	3.5	3.5	3.5	4	4.5	4.5	4	67.5	145.1
4	4.5	4.5	4	3.5	3.5	3.5	3.5	3	3.5	3	3.5	3.5	3.5	4	4.5	4.5	4	68	146.1
4	4.5	4.5	4	3.5	3.5	3.5	3.5	3	3.5	3.5	3.5	3.5	3.5	4	4.5	4.5	4	68.5	147.1
4	4.5	4.5	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4.5	4.5	4	69	148.1
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4	4.5	4.5	4	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4.5	4.5	4	70	150.1
4	4.5	4.5	4	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4	4.5	4.5	70.5	151.1
4	4.5	4.5	4	4	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4	4.5	4.5	71	152.1
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4	4.5	4.5	4	4	4	4	4	3.5	3.5	4	4	4	4	4	4.5	4.5	4	73	156.1
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4	5	4.5	4.5	4.5	4.5	4.5	4	4	4	4	4.5	4.5	4.5	4.5	5	5	4	79.5	168.8
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4	5	5	5	4.5	4.5	4.5	4	4.5	4	4.5	4.5	4.5	4.5	5	5	5	4	82	173.6
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4	5	5	5	4.5	4.5	4.5	4.5	4.5	4	4.5	4.5	4.5	5	5	5	5	4	83	175.6
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4	5.5	5.5	5.5	5.5	5	5	5.5	5	5.5	5	5	5.5	5	5.5	5.5	5.5	4	93	194.6
4	5.5	5.5	5.5	5.5	5	5	5.5	5.5	5.5	5	5	5.5	5	5.5	5.5	5.5	4	93.5	195.6
4	5.5	5.5	5.5	5.5	5.5	5	5.5	5.5	5.5	5	5	5.5	5	5.5	5.5	5.5	4	94	196.5
4	5.5	5.5	5.5	5.5	5.5	5	5.5	5.5	5.5	5	5.5	5.5	5	5.5	5.5	5.5	4	94.5	197.5
4	5.5	5.5	5.5	5.5	5.5	5	5.5	5.5	5.5	5	5.5	5.5	5.5	5.5	5.5	5.5	4	95	198.4
4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5	5.5	5.5	5.5	5.5	5.5	5.5	4	95.5	199.3
4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4	96	200.3
4	5.5	5.5	5.5	6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4	96.5	201.2
4	5.5	5.5	5.5	6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6	5.5	5.5	5.5	5.5	4	97	202.1
4	5.5	5.5	5.5	6	5.5	5.5	5.5	5.5	5.5	5.5	6	6	5.5	5.5	5.5	5.5	4	97.5	203.1
4	5.5	5.5	5.5	6	6	5.5	5.5	5.5	5.5	5.5	6	6	5.5	5.5	5.5	5.5	4	98	204.0
4	5.5	5.5	5.5	6	6	5.5	6	5.5	5.5	5.5	6	6	5.5	5.5	5.5	5.5	4	98.5	204.9

4	5.5	5.5	5.5	6	6	5.5	6	5.5	6	5.5	6	6	5.5	5.5	5.5	5.5	4	99	205.9
4	6	5.5	5.5	6	6	5.5	6	5.5	6	5.5	6	6	5.5	5.5	5.5	5.5	4	99.5	206.8
4	6	5.5	5.5	6	6	5.5	6	5.5	6	5.5	6	6	5.5	5.5	5.5	6	4	100	207.7
4	6	5.5	5.5	6	6	5.5	6	5.5	6	5.5	6	6	5.5	5.5	6	6	4	100.5	208.6
4	6	6	5.5	6	6	5.5	6	5.5	6	5.5	6	6	5.5	5.5	6	6	4	101	209.6
4	6	6	5.5	6	6	5.5	6	5.5	6	5.5	6	6	6	5.5	6	6	4	101.5	210.5
4	6	6	5.5	6	6	5.5	6	5.5	6	5.5	6	6	6	5.5	6	6	4.5	102	211.5
4.5	6	6	5.5	6	6	5.5	6	5.5	6	5.5	6	6	6	5.5	6	6	4.5	102.5	212.4
4.5	6	6	6	6	6	5.5	6	5.5	6	5.5	6	6	6	5.5	6	6	4.5	103	213.4
4.5	6	6	6	6	6	5.5	6	5.5	6	5.5	6	6	6	6	6	6	4.5	103.5	214.3
4.5	6	6	6	6	6	5.5	6	6	6	5.5	6	6	6	6	6	6	4.5	104	215.2
4.5	6	6	6	6	6	6	6	6	6	5.5	6	6	6	6	6	6	4.5	104.5	216.2
4.5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4.5	105	217.1
4.5	6	6	6	6.5	6	6	6	6	6	6	6	6	6	6	6	6	4.5	105.5	218.0
4.5	6	6	6	6.5	6	6	6	6	6	6	6	6	6.5	6	6	6	4.5	106	218.9
4.5	6	6	6	6.5	6	6	6	6	6	6	6.5	6.5	6	6	6	6	4.5	106.5	219.8
4.5	6	6	6	6.5	6.5	6	6	6	6	6	6.5	6.5	6	6	6	6	4.5	107	220.7
4.5	6	6	6	6.5	6.5	6	6.5	6	6	6	6.5	6.5	6	6	6	6	4.5	107.5	221.6
4.5	6	6	6	6.5	6.5	6	6.5	6	6	6	6.5	6.5	6	6	6	6.5	4.5	108	222.6
4.5	6.5	6	6	6.5	6.5	6	6.5	6	6	6	6.5	6.5	6	6	6	6.5	4.5	108.5	223.5
4.5	6.5	6	6	6.5	6.5	6	6.5	6	6	6	6.5	6.5	6	6	6.5	6.5	4.5	109	224.4
4.5	6.5	6.5	6	6.5	6.5	6	6.5	6	6	6	6.5	6.5	6	6	6.5	6.5	4.5	109.5	225.3
4.5	6.5	6.5	6	6.5	6.5	6	6.5	6	6.5	6	6.5	6.5	6	6	6.5	6.5	4.5	110	226.2
4.5	6.5	6.5	6	6.5	6.5	6	6.5	6	6.5	6	6.5	6.5	6	6.5	6.5	6.5	4.5	110.5	227.1
4.5	6.5	6.5	6.5	6.5	6.5	6	6.5	6	6.5	6	6.5	6.5	6	6.5	6.5	6.5	4.5	111	228.0
4.5	6.5	6.5	6.5	6.5	6.5	6	6.5	6	6.5	6	6.5	6.5	6.5	6.5	6.5	6.5	4.5	111.5	228.9
4.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6	6.5	6	6.5	6.5	6.5	6.5	6.5	6.5	4.5	112	229.9
4.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.5	112.5	230.8
4.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	4.5	113	231.7
4.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5	113.5	232.6
5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5	114	233.6
5	6.5	6.5	6.5	7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5	114.5	234.5
5	6.5	6.5	6.5	7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7	6.5	6.5	6.5	6.5	5	115	235.4
5	6.5	6.5	6.5	7	6.5	6.5	6.5	6.5	6.5	6.5	7	7	6.5	6.5	6.5	6.5	5	115.5	236.3
5	6.5	6.5	6.5	7	7	6.5	6.5	6.5	6.5	6.5	7	7	6.5	6.5	6.5	6.5	5	116	237.2
5	6.5	6.5	6.5	7	7	6.5	7	6.5	6.5	6.5	7	7	6.5	6.5	6.5	6.5	5	116.5	238.1
5	6.5	6.5	6.5	7	7	6.5	7	6.5	6.5	6.5	7	7	6.5	6.5	6.5	7	5	117	239.0
5	7	6.5	6.5	7	7	6.5	7	6.5	6.5	6.5	7	7	6.5	6.5	6.5	7	5	117.5	239.9
5	7	6.5	6.5	7	7	6.5	7	6.5	6.5	6.5	7	7	6.5	6.5	7	7	5	118	240.8

5	7	7	6.5	7	7	6.5	7	6.5	6.5	6.5	7	7	6.5	6.5	7	7	5	118.5	241.7
5	7	7	6.5	7	7	6.5	7	6.5	7	6.5	7	7	6.5	6.5	7	7	5	119	242.6
5	7	7	6.5	7	7	6.5	7	6.5	7	6.5	7	7	6.5	7	7	7	5	119.5	243.5
5	7	7	7	7	7	6.5	7	6.5	7	6.5	7	7	6.5	7	7	7	5	120	244.4
5	7	7	7	7	7	6.5	7	6.5	7	6.5	7	7	7	7	7	7	5	120.5	245.3
5	7	7	7	7	7	7	7	6.5	7	6.5	7	7	7	7	7	7	5	121	246.2
5	7	7	7	7	7	7	7	6.5	7	7	7	7	7	7	7	7	5	121.5	247.1
5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	122	248.0
5	7	7	7	7.5	7	7	7	7	7	7	7	7	7	7	7	7	5	122.5	248.8
5	7	7	7	7.5	7	7	7	7	7	7	7	7	7.5	7	7	7	5	123	249.7
5	7	7	7	7.5	7	7	7	7	7	7	7	7.5	7.5	7	7	7	5	123.5	250.6
5	7	7	7	7.5	7.5	7	7	7	7	7	7.5	7.5	7	7	7	7	5	124	251.5
5	7	7	7	7.5	7.5	7	7.5	7	7	7	7.5	7.5	7	7	7	7	5	124.5	252.4
5	7	7	7	7.5	7.5	7	7.5	7	7	7	7.5	7.5	7	7	7.5	7	5	125	253.3
5	7	7.5	7	7.5	7.5	7	7.5	7	7	7	7.5	7.5	7	7	7.5	7	5	125.5	254.1
5	7	7.5	7	7.5	7.5	7	7.5	7	7.5	7	7.5	7.5	7	7	7.5	7	5	126	255.0
5	7	7.5	7	7.5	7.5	7	7.5	7	7.5	7	7.5	7.5	7	7.5	7.5	7	5	126.5	255.9
5	7	7.5	7.5	7.5	7.5	7	7.5	7	7.5	7	7.5	7.5	7	7.5	7.5	7	5	127	256.8
5	7	7.5	7.5	7.5	7.5	7	7.5	7	7.5	7	7.5	7.5	7.5	7.5	7.5	7	5	127.5	257.7
5	7	7.5	7.5	7.5	7.5	7.5	7.5	7	7.5	7	7.5	7.5	7.5	7.5	7.5	7	5	128	258.6
5	7	7.5	7.5	7.5	7.5	7.5	7.5	7	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7	5	128.5	259.5
5	7	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7	5	129	260.3
5	7	7.5	7.5	8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7	5	129.5	261.2
5	7	7.5	7.5	8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	8	7.5	7.5	7.5	7	5	130	262.1
5	7	7.5	7.5	8	7.5	7.5	7.5	7.5	7.5	7.5	8	8	7.5	7.5	7.5	7	5	130.5	262.9
5	7	7.5	7.5	8	8	7.5	7.5	7.5	7.5	7.5	8	8	7.5	7.5	7.5	7	5	131	263.8
5	7	7.5	7.5	8	8	7.5	8	7.5	7.5	7.5	8	8	7.5	7.5	7.5	7.5	5	131.5	264.7
5	7	7.5	7.5	8	8	7.5	8	7.5	7.5	7.5	8	8	7.5	7.5	7.5	7.5	5	132	265.6
5	7.5	7.5	7.5	8	8	7.5	8	7.5	7.5	7.5	8	8	7.5	7.5	7.5	7.5	5	132.5	266.5
5	7.5	7.5	7.5	8	8	7.5	8	7.5	7.5	7.5	8	8	7.5	7.5	8	7.5	5	133	267.3
5	7.5	8	7.5	8	8	7.5	8	7.5	7.5	7.5	8	8	7.5	7.5	8	7.5	5	133.5	268.2
5	7.5	8	7.5	8	8	7.5	8	7.5	8	7.5	8	8	7.5	7.5	8	7.5	5	134	269.1
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5	7.5	8	8	8	8	8	8	7.5	8	7.5	8	8	8	8	8	7.5	5	136	272.5
5	7.5	8	8	8	8	8	8	7.5	8	8	8	8	8	8	8	7.5	5	136.5	273.4
5	7.5	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7.5	5	137	274.3
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5	7.5	8	8	8.5	8	8	8	8	8	8	8	8.5	8	8	8	7.5	5	138	276.0	
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5	8	8.5	9	9	10	10	11	12	12	11	10	9	9	9	8.5	8	5	164	319.6	
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5	8	8.5	9	9	10	11	11	12	12	11	10	10	9	9	8.5	8	5	166	322.8
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5.0	8.0	8.5	9	9	10	11	12	12	12	11	11	10	9	9	8.5	8.0	5.0	168	326.1
5.0	8.0	8.5	9	9	10	11	12	12	12	12	11	10	9	9	8.5	8.0	5.0	169	327.7
5.0	8.0	8.5	9	9	10	11	12	13	12	12	11	10	9	9	8.5	8.0	5.0	170	329.2
5.0	8.0	8.5	9	9	10	11	12	13	13	12	11	10	9	9	8.5	8.0	5.0	171	330.8
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5.0	8.0	8.5	9	10	10	11	12	13	13	12	11	10	10	9	8.5	8.0	5.0	173	334.1
5.0	8.0	8.5	9	10	11	11	12	13	13	12	11	10	10	9	8.5	8.0	5.0	174	335.8
5.0	8.0	8.5	9	10	11	11	12	13	13	12	11	11	10	9	8.5	8.0	5.0	175	337.4
5.0	8.0	8.5	9	10	11	12	12	13	13	12	11	11	10	9	8.5	8.0	5.0	176	339.0
5.0	8.0	8.5	9	10	11	12	12	13	13	12	12	11	10	9	8.5	8.0	5.0	177	340.6
5.0	8.0	8.5	9	10	11	12	13	13	13	12	12	11	10	9	8.5	8.0	5.0	178	342.2
5.0	8.0	8.5	9	10	11	12	13	13	13	13	12	11	10	9	8.5	8.0	5.0	179	343.7
5.0	8.0	8.5	9	10	11	12	13	14	13	13	12	11	10	9	8.5	8.0	5.0	180	345.3
5.0	8.0	8.5	9	10	11	12	13	14	14	13	12	11	10	9	8.5	8.0	5.0	181	346.8
5.0	8.0	8.5	9	10	11	12	13	15	14	13	12	11	10	9	8.5	8.0	5.0	182	348.4
5.0	8.0	8.5	9	10	11	12	14	15	15	13	12	11	10	9	8.5	8.0	5.0	184	351.5
5.0	8.0	8.5	9	10	11	12	14	15	15	14	12	11	10	9	8.5	8.0	5.0	185	353.1
5.0	8.0	8.5	9	10	11	13	14	15	15	14	12	11	10	9	8.5	8.0	5.0	186	354.6
5.0	8.0	8.5	9	10	11	13	14	15	15	14	13	11	10	9	8.5	8.0	5.0	187	356.2
5.0	8.0	8.5	9	10	11	13	14	15	15	14	13	11	10	9	8.5	8.0	5.0	187	356.2
5.0	8.0	8.5	9	10	12	13	14	15	15	14	13	11	10	9	8.5	8.0	5.0	188	357.8
5.0	8.0	8.5	9	10	12	13	14	15	15	14	13	12	10	9	8.5	8.0	5.0	189	359.4
5.0	8.0	8.5	9	10	12	13	14	16	15	14	13	12	10	9	8.5	8.0	5.0	190	360.9
5.0	8.0	8.5	9	10	12	13	14	16	16	14	13	12	10	9	8.5	8.0	5.0	191	362.5
5.0	8.0	8.5	9	10	12	13	15	16	16	14	13	12	10	9	8.5	8.0	5.0	192	364.0
5.0	8.0	8.5	9	10	12	13	15	16	16	15	13	12	10	9	8.5	8.0	5.0	193	365.6
5.0	8.0	8.5	9	10	12	14	15	16	16	15	13	12	10	9	8.5	8.0	5.0	194	367.1
5.0	8.0	8.5	9	10	12	14	15	16	16	15	14	12	10	9	8.5	8.0	5.0	195	368.7
5.0	8.0	8.5	9	10	12	14	15	17	16	15	14	12	10	9	8.5	8.0	5.0	196	370.2
5.0	8.0	8.5	9	10	12	14	15	17	17	15	14	12	10	9	8.5	8.0	5.0	197	371.8
5.0	8.0	8.5	9	10	12	14	16	17	17	15	14	12	10	9	8.5	8.0	5.0	198	373.3
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5.0	8.0	8.5	9	10	12	14	16	18	17	16	14	12	10	9	8.5	8.0	5.0	200	376.4
5.0	8.0	8.5	9	10	12	14	16	18	18	16	14	12	10	9	8.5	8.0	5.0	201	378.0
5.0	8.0	8.5	9	11	12	14	16	18	18	16	14	12	10	9	8.5	8.0	5.0	202	379.6
5.0	8.0	8.5	9	11	12	14	16	18	18	16	14	12	11	9	8.5	8.0	5.0	203	381.2
5.0	8.0	8.5	9	11	13	14	16	18	18	16	14	12	11	9	8.5	8.0	5.0	204	382.8
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5.0	8.0	8.5	9	11	13	15	16	18	18	16	14	13	11	9	8.5	8.0	5.0	206	385.9
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5.0	8.0	8.5	9	11	13	15	17	18	18	16	15	13	11	9	8.5	8.0	5.0	208	389.0
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5.0	8.0	8.5	9	11	13	15	17	19	18	17	15	13	11	9	8.5	8.0	5.0	210	392.1
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5.0	8.0	8.5	10	11	13	15	17	19	19	17	15	13	11	10	8.5	8.0	5.0	213	397.0
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5.0	8.0	8.5	10	12	13	15	17	19	19	17	15	13	12	10	8.5	8.0	5.0	215	400.2
5.0	8.0	8.5	10	12	14	15	17	19	19	17	15	13	12	10	8.5	8.0	5.0	216	401.7
5.0	8.0	8.5	10	12	14	15	17	19	19	17	15	14	12	10	8.5	8.0	5.0	217	403.3
5.0	8.0	8.5	10	12	14	16	17	19	19	17	15	14	12	10	8.5	8.0	5.0	218	404.8
5.0	8.0	8.5	10	12	14	16	17	19	19	17	16	14	12	10	8.5	8.0	5.0	219	406.4
5.0	8.0	8.5	10	12	14	16	18	19	19	17	16	14	12	10	8.5	8.0	5.0	220	407.9
5.0	8.0	8.5	10	12	14	16	18	19	19	18	16	14	12	10	8.5	8.0	5.0	221	409.5
5.0	8.0	8.5	10	12	14	16	18	20	19	18	16	14	12	10	8.5	8.0	5.0	222	411.1
5.0	8.0	8.5	10	13	14	16	18	20	20	18	16	14	12	10	8.5	8.0	5.0	224	414.2
5.0	8.0	8.5	10	13	14	16	18	20	20	18	16	14	13	10	8.5	8.0	5.0	225	415.8
5.0	8.0	8.5	10	13	15	16	18	20	20	18	16	14	13	10	8.5	8.0	5.0	226	417.4
5.0	8.0	8.5	10	13	15	16	18	20	20	18	16	15	13	10	8.5	8.0	5.0	227	418.9
5.0	8.0	8.5	10	13	15	17	18	20	20	18	16	15	13	10	8.5	8.0	5.0	228	420.4
5.0	8.0	8.5	10	13	15	17	18	20	20	18	17	15	13	10	8.5	8.0	5.0	229	422.0
5.0	8.0	8.5	10	13	15	17	19	20	20	18	17	15	13	10	8.5	8.0	5.0	230	423.6
5.0	8.0	8.5	10	13	15	17	19	20	20	19	17	15	13	10	8.5	8.0	5.0	231	425.1
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5.0	8.0	8.5	10	13	15	17	19	21	21	19	17	15	13	10	8.5	8.0	5.0	233	428.3
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5.0	8.0	8.5	10	13	16	17	19	21	21	19	17	16	13	10	8.5	8.0	5.0	235	431.4
5.0	8.0	8.5	10	13	16	18	19	21	21	19	17	16	13	10	8.5	8.0	5.0	236	433.0
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5.0	8.0	8.5	10	13	16	18	20	21	21	19	18	16	13	10	8.5	8.0	5.0	238	436.1
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5.0	8.0	8.5	10	13	16	19	20	22	22	20	19	16	13	10	8.5	8.0	5.0	243	444.1
5.0	8.0	8.5	10	13	16	19	21	22	22	20	19	16	13	10	8.5	8.0	5.0	244	445.8
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5.0	8.0	8.5	10	13	16	19	21	23	22	21	19	16	13	10	8.5	8.0	5.0	246	449.1
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5.0	8.0	8.5	10	13	16	19	22	23	23	21	19	16	13	10	8.5	8.0	5.0	248	452.4
5.0	8.0	8.5	10	13	16	19	22	23	23	22	19	16	13	10	8.5	8.0	5.0	249	454.0
5.0	8.0	8.5	10	13	16	19	22	24	23	22	19	16	13	10	8.5	8.0	5.0	250	455.8
5.0	8.0	8.5	10	13	16	19	22	24	24	22	19	16	13	10	8.5	8.0	5.0	251	457.5
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5.0	8.0	8.5	10	13	16	19	22	25	25	22	19	16	13	10	8.5	8.0	5.0	253	461.1
5.0	8.0	8.5	11	13	16	19	22	25	25	22	19	16	13	10	8.5	8.0	5.0	254	462.7
5.0	8.0	8.5	11	13	16	19	22	25	25	22	19	16	13	11	8.5	8.0	5.0	255	464.3
5.0	8.0	8.5	11	14	16	19	22	25	25	22	19	16	13	11	8.5	8.0	5.0	256	465.9
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5.0	8.0	8.5	11	14	17	19	22	25	25	22	19	16	14	11	8.5	8.0	5.0	258	469.0
5.0	8.0	8.5	11	14	17	19	22	25	25	22	19	17	14	11	8.5	8.0	5.0	259	470.5
5.0	8.0	8.5	11	14	17	20	22	25	25	22	19	17	14	11	8.5	8.0	5.0	260	472.1
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5.0	8.0	8.5	11	14	17	20	23	25	25	22	20	17	14	11	8.5	8.0	5.0	262	475.4
5.0	8.0	8.5	11	14	17	20	23	25	25	23	20	17	14	11	8.5	8.0	5.0	263	477.1
5.0	8.0	8.5	11	14	17	20	23	26	25	23	20	17	14	11	8.5	8.0	5.0	264	478.9
5.0	8.0	8.5	11	14	17	20	23	26	26	23	20	17	14	11	8.5	8.0	5.0	265	480.8
5.0	8.0	10	11	14	17	20	23	26	26	23	20	17	14	11	8.5	8.0	5.0	266.5	483.3
5.0	8.0	10	11	14	17	20	23	26	26	23	20	17	14	11	10	8.0	5.0	268	485.8
5.0	8.0	10	12	14	17	20	23	26	26	23	20	17	14	11	10	8.0	5.0	269	487.4

5.0	8.0	10	12	14	17	20	23	26	26	23	20	17	14	12	10	8.0	5.0	270	489.0
5.0	8.0	10	12	15	17	20	23	26	26	23	20	17	14	12	10	8.0	5.0	271	490.5
5.0	8.0	10	12	15	17	20	23	26	26	23	20	17	15	12	10	8.0	5.0	272	492.1
5.0	8.0	10	12	15	18	20	23	26	26	23	20	17	15	12	10	8.0	5.0	273	493.6
5.0	8.0	10	12	15	18	20	23	26	26	23	20	18	15	12	10	8.0	5.0	274	495.2
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5.0	8.0	10	12	15	18	21	24	26	26	24	21	18	15	12	10	8.0	5.0	278	501.9
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5.0	8.0	11	13	15	18	21	24	26	26	24	21	18	15	12	11	8.0	5.0	281	506.7
5.0	8.0	11	13	15	18	21	24	26	26	24	21	18	15	13	11	8.0	5.0	282	508.3
5.0	8.0	11	13	16	18	21	24	26	26	24	21	18	15	13	11	8.0	5.0	283	509.8
5.0	8.0	11	13	16	18	21	24	26	26	24	21	18	16	13	11	8.0	5.0	284	511.4
5.0	8.0	11	13	16	19	21	24	26	26	24	21	18	16	13	11	8.0	5.0	285	512.9
5.0	8.0	11	13	16	19	21	24	26	26	24	21	19	16	13	11	8.0	5.0	286	514.5
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5.0	8.0	11	13	16	19	22	24	26	26	24	22	19	16	13	11	8.0	5.0	288	517.8
5.0	8.0	11	13	16	19	22	25	26	26	24	22	19	16	13	11	8.0	5.0	289	519.6
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5.0	8.0	11	13	16	20	22	25	26	26	25	22	19	16	13	11	8.0	5.0	291	523.0
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5.0	8.0	11	13	16	20	23	25	26	26	25	22	20	16	13	11	8.0	5.0	293	526.3
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6.0	8.0	11	13	16	20	23	26	26	26	26	23	20	16	13	11	8.0	5.0	297	533.5
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6.0	9.0	11	13	16	20	23	26	26	26	26	23	20	16	13	11	8.0	6.0	299	537.1
6.0	9.0	11	13	16	20	23	26	26	26	26	23	20	16	13	11	9.0	6.0	300	538.8
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6.0	9.0	12	13	16	20	23	26	26	26	26	23	20	16	13	12	9.0	6.0	302	542.0
6.0	9.0	12	14	16	20	23	26	26	26	26	23	20	16	13	12	9.0	6.0	303	543.5

6.0	9.0	12	14	16	20	23	26	26	26	26	23	20	16	14	12	9.0	6.0	304	545.1
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6.0	9.0	12	14	17	20	23	26	26	26	26	23	20	17	14	12	9.0	6.0	306	548.2
6.0	9.0	12	14	17	21	23	26	26	26	26	23	20	17	14	12	9.0	6.0	307	549.8
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7.0	9.0	12	14	17	21	24	26	26	26	26	24	21	17	14	12	9.0	6.0	311	556.7
7.0	9.0	12	14	17	21	24	26	26	26	26	24	21	17	14	12	9.0	7.0	312	558.5
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7.0	10.0	12	14	17	21	24	26	26	26	26	24	21	17	14	12	10.0	7.0	314	561.8
7.0	10.0	13	14	17	21	24	26	26	26	26	24	21	17	14	12	10.0	7.0	315	563.4
7.0	10.0	13	14	17	21	24	26	26	26	26	24	21	17	14	13	10.0	7.0	316	565.0
7.0	10.0	13	15	17	21	24	26	26	26	26	24	21	17	14	13	10.0	7.0	317	566.5
7.0	10.0	13	15	17	21	24	26	26	26	26	24	21	17	15	13	10.0	7.0	318	568.1
7.0	10.0	13	15	18	21	24	26	26	26	26	24	21	17	15	13	10.0	7.0	319	569.6
7.0	10.0	13	15	18	21	24	26	26	26	26	24	21	18	15	13	10.0	7.0	320	571.2
8.0	10.0	13	15	18	21	24	26	26	26	26	24	21	18	15	13	10.0	7.0	321	572.9
8.0	10.0	13	15	18	21	24	26	26	26	26	24	21	18	15	13	10.0	8.0	322	574.7
8.0	11.0	13	15	18	21	24	26	26	26	26	24	21	18	15	13	10.0	8.0	323	576.3
8.0	11.0	13	15	18	21	24	26	26	26	26	24	21	18	15	13	11.0	8.0	324	577.9
8.0	11.0	14	15	18	21	24	26	26	26	26	24	21	18	15	13	11.0	8.0	325	579.5
8.0	11.0	14	15	18	21	24	26	26	26	26	24	21	18	15	14	11.0	8.0	326	581.0
8.0	11.0	14	16	18	21	24	26	26	26	26	24	21	18	15	14	11.0	8.0	327	582.6
8.0	11.0	14	16	18	21	24	26	26	26	26	24	21	18	16	14	11.0	8.0	328	584.1
8.0	11.0	14	16	19	21	24	26	26	26	26	24	21	18	16	14	11.0	8.0	329	585.7
8.0	11.0	14	16	19	21	24	26	26	26	26	24	21	19	16	14	11.0	8.0	330	587.3
8.0	11.0	14	16	19	22	24	26	26	26	26	24	21	19	16	14	11.0	8.0	331	588.9
8.0	11.0	14	16	19	22	24	26	26	26	26	24	22	19	16	14	11.0	8.0	332	590.6
8.0	11.0	14	16	19	22	25	26	26	26	26	25	22	19	16	14	11.0	8.0	334	594.1
8.0	12.0	14	16	19	22	25	26	26	26	26	25	22	19	16	14	11.0	8.0	335	595.7
8.0	12.0	14	16	19	22	25	26	26	26	26	25	22	19	16	14	12.0	8.0	336	597.3
8.0	12.0	15	16	19	22	25	26	26	26	26	25	22	19	16	14	12.0	8.0	337	598.9
8.0	12.0	15	16	19	22	25	26	26	26	26	25	22	19	16	15	12.0	8.0	338	600.4

8.0	12.0	15	17	19	22	25	26	26	26	26	25	22	19	16	15	12.0	8.0	339	602.0
8.0	12.0	15	17	19	22	25	26	26	26	26	25	22	19	17	15	12.0	8.0	340	603.5
8.0	12.0	15	17	20	22	25	26	26	26	26	25	22	19	17	15	12.0	8.0	341	605.1
8.0	12.0	15	17	20	22	25	26	26	26	26	25	22	20	17	15	12.0	8.0	342	606.7

NWP POC - Laurie Ebner

Changes for 2017 FPP:

None

a. This table defines spill patterns in increments of ½ ft total gate opening

1	2	3	4	5	6	7	8
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277.7	10504	15068	15939	15939	16798	16798	15939	15939
278.6	10504	15068	15939	15939	16798	16798	15939	16798
279.5	10504	15068	15939	15939	16798	16798	15939	16798
280.3	10504	15939	15939	15939	16798	16798	15939	16798
281.2	10504	15939	15939	15939	16798	16798	15939	16798
282.0	10504	15939	16798	15939	16798	16798	15939	16798
282.9	10504	15939	16798	15939	16798	16798	15939	16798
283.8	10504	15939	16798	15939	16798	16798	15939	16798
284.6	10504	15939	16798	16798	16798	16798	15939	16798
285.5	10504	15939	16798	16798	16798	16798	15939	16798
286.3	10504	15939	16798	16798	16798	16798	16798	16798
287.2	10504	15939	16798	16798	16798	16798	16798	16798
288.1	10504	15939	16798	16798	16798	16798	16798	16798
288.9	10504	15939	16798	16798	17645	16798	16798	16798
289.7	10504	15939	16798	16798	17645	16798	16798	16798
290.6	10504	15939	16798	16798	17645	16798	16798	16798
291.4	10504	15939	16798	16798	17645	17645	16798	16798
292.3	10504	15939	16798	16798	17645	17645	16798	17645
293.1	10504	15939	16798	16798	17645	17645	16798	17645
294.0	10504	15939	16798	16798	17645	17645	16798	17645
294.8	10504	15939	16798	16798	17645	17645	16798	17645
295.7	10504	15939	16798	16798	17645	17645	17645	17645
296.5	10504	15939	16798	16798	17645	17645	17645	17645
298.2	10504	15939	16798	17645	17645	17645	17645	17645
299.9	10504	15939	16798	17645	17645	17645	17645	17645
301.5	10504	15939	16798	17645	17645	17645	17645	17645
303.2	10504	15939	16798	17645	17645	17645	17645	19308
304.9	10504	15939	16798	17645	17645	17645	17645	19308
306.5	10504	15939	16798	17645	17645	17645	17645	19308
308.1	10504	15939	16798	17645	17645	17645	17645	19308
309.8	10504	15939	16798	17645	17645	17645	19308	19308
313.1	10504	15939	16798	17645	17645	17645	19308	20934
314.7	10504	15939	16798	17645	17645	17645	19308	20934
316.3	10504	15939	16798	17645	17645	17645	19308	20934
317.9	10504	15939	16798	17645	17645	17645	19308	20934
319.6	10504	15939	16798	17645	17645	19308	19308	20934
321.2	10504	15939	16798	17645	17645	19308	19308	20934

Changes made from here down or added.

322.8	10504	15939	16798	17645	17645	19308	20934	20934
324.5	10504	15939	16798	17645	17645	19308	20934	20934
326.1	10504	15939	16798	17645	17645	19308	20934	22531
327.7	10504	15939	16798	17645	17645	19308	20934	22531
329.2	10504	15939	16798	17645	17645	19308	20934	22531
330.8	10504	15939	16798	17645	17645	19308	20934	22531
332.5	10504	15939	16798	17645	19308	19308	20934	22531
334.1	10504	15939	16798	17645	19308	19308	20934	22531
335.8	10504	15939	16798	17645	19308	20934	20934	22531
337.4	10504	15939	16798	17645	19308	20934	20934	22531
339.0	10504	15939	16798	17645	19308	20934	22531	22531
340.6	10504	15939	16798	17645	19308	20934	22531	22531
342.2	10504	15939	16798	17645	19308	20934	22531	24105
343.7	10504	15939	16798	17645	19308	20934	22531	24105
345.3	10504	15939	16798	17645	19308	20934	22531	24105
346.8	10504	15939	16798	17645	19308	20934	22531	24105
348.4	10504	15939	16798	17645	19308	20934	22531	24105
351.5	10504	15939	16798	17645	19308	20934	22531	25661
353.1	10504	15939	16798	17645	19308	20934	22531	25661
354.6	10504	15939	16798	17645	19308	20934	24105	25661
356.2	10504	15939	16798	17645	19308	20934	24105	25661
356.2	10504	15939	16798	17645	19308	20934	24105	25661
357.8	10504	15939	16798	17645	19308	22531	24105	25661
359.4	10504	15939	16798	17645	19308	22531	24105	25661
360.9	10504	15939	16798	17645	19308	22531	24105	25661
362.5	10504	15939	16798	17645	19308	22531	24105	25661
364.0	10504	15939	16798	17645	19308	22531	24105	27207
365.6	10504	15939	16798	17645	19308	22531	24105	27207
367.1	10504	15939	16798	17645	19308	22531	25661	27207
368.7	10504	15939	16798	17645	19308	22531	25661	27207
370.2	10504	15939	16798	17645	19308	22531	25661	27207
371.8	10504	15939	16798	17645	19308	22531	25661	27207
373.3	10504	15939	16798	17645	19308	22531	25661	28748
374.9	10504	15939	16798	17645	19308	22531	25661	28748

376.4	10504	15939	16798	17645	19308	22531	25661	28748
378.0	10504	15939	16798	17645	19308	22531	25661	28748
379.6	10504	15939	16798	17645	20934	22531	25661	28748
381.2	10504	15939	16798	17645	20934	22531	25661	28748
382.8	10504	15939	16798	17645	20934	24105	25661	28748
384.4	10504	15939	16798	17645	20934	24105	25661	28748
385.9	10504	15939	16798	17645	20934	24105	27207	28748
387.4	10504	15939	16798	17645	20934	24105	27207	28748
389.0	10504	15939	16798	17645	20934	24105	27207	30292
390.5	10504	15939	16798	17645	20934	24105	27207	30292
392.1	10504	15939	16798	17645	20934	24105	27207	30292
393.7	10504	15939	16798	17645	20934	24105	27207	30292
395.3	10504	15939	16798	19308	20934	24105	27207	30292
397.0	10504	15939	16798	19308	20934	24105	27207	30292
398.6	10504	15939	16798	19308	22531	24105	27207	30292
400.2	10504	15939	16798	19308	22531	24105	27207	30292
401.7	10504	15939	16798	19308	22531	25661	27207	30292
403.3	10504	15939	16798	19308	22531	25661	27207	30292
404.8	10504	15939	16798	19308	22531	25661	28748	30292
406.4	10504	15939	16798	19308	22531	25661	28748	30292
407.9	10504	15939	16798	19308	22531	25661	28748	31843
409.5	10504	15939	16798	19308	22531	25661	28748	31843
411.1	10504	15939	16798	19308	22531	25661	28748	31843
414.2	10504	15939	16798	19308	24105	25661	28748	31843
415.8	10504	15939	16798	19308	24105	25661	28748	31843
417.4	10504	15939	16798	19308	24105	27207	28748	31843
418.9	10504	15939	16798	19308	24105	27207	28748	31843
420.4	10504	15939	16798	19308	24105	27207	30292	31843
422.0	10504	15939	16798	19308	24105	27207	30292	31843
423.6	10504	15939	16798	19308	24105	27207	30292	33410
425.1	10504	15939	16798	19308	24105	27207	30292	33410
426.7	10504	15939	16798	19308	24105	27207	30292	33410
428.3	10504	15939	16798	19308	24105	27207	30292	33410
429.9	10504	15939	16798	19308	24105	28748	30292	33410

431.4	10504	15939	16798	19308	24105	28748	30292	33410
433.0	10504	15939	16798	19308	24105	28748	31843	33410
434.5	10504	15939	16798	19308	24105	28748	31843	33410
436.1	10504	15939	16798	19308	24105	28748	31843	34997
437.7	10504	15939	16798	19308	24105	28748	31843	34997
439.4	10504	15939	16798	19308	24105	28748	31843	34997
441.0	10504	15939	16798	19308	24105	28748	31843	34997
442.6	10504	15939	16798	19308	24105	28748	33410	34997
444.1	10504	15939	16798	19308	24105	28748	33410	34997
445.8	10504	15939	16798	19308	24105	28748	33410	36612
447.4	10504	15939	16798	19308	24105	28748	33410	36612
449.1	10504	15939	16798	19308	24105	28748	33410	36612
450.7	10504	15939	16798	19308	24105	28748	33410	36612
452.4	10504	15939	16798	19308	24105	28748	33410	38261
454.0	10504	15939	16798	19308	24105	28748	33410	38261
455.8	10504	15939	16798	19308	24105	28748	33410	38261
457.5	10504	15939	16798	19308	24105	28748	33410	38261
459.3	10504	15939	16798	19308	24105	28748	33410	38261
461.1	10504	15939	16798	19308	24105	28748	33410	38261
462.7	10504	15939	16798	20934	24105	28748	33410	38261
464.3	10504	15939	16798	20934	24105	28748	33410	38261
465.9	10504	15939	16798	20934	25661	28748	33410	38261
467.5	10504	15939	16798	20934	25661	28748	33410	38261
469.0	10504	15939	16798	20934	25661	30292	33410	38261
470.5	10504	15939	16798	20934	25661	30292	33410	38261
472.1	10504	15939	16798	20934	25661	30292	34997	38261
473.7	10504	15939	16798	20934	25661	30292	34997	38261
475.4	10504	15939	16798	20934	25661	30292	34997	39950
477.1	10504	15939	16798	20934	25661	30292	34997	39950
478.9	10504	15939	16798	20934	25661	30292	34997	39950
480.8	10504	15939	16798	20934	25661	30292	34997	39950
483.3	10504	15939	19308	20934	25661	30292	34997	39950
485.8	10504	15939	19308	20934	25661	30292	34997	39950
487.4	10504	15939	19308	22531	25661	30292	34997	39950

489.0	10504	15939	19308	22531	25661	30292	34997	39950
490.5	10504	15939	19308	22531	27207	30292	34997	39950
492.1	10504	15939	19308	22531	27207	30292	34997	39950
493.6	10504	15939	19308	22531	27207	31843	34997	39950
495.2	10504	15939	19308	22531	27207	31843	34997	39950
496.8	10504	15939	19308	22531	27207	31843	36612	39950
498.4	10504	15939	19308	22531	27207	31843	36612	39950
500.2	10504	15939	19308	22531	27207	31843	36612	41685
501.9	10504	15939	19308	22531	27207	31843	36612	41685
503.5	10504	15939	20934	22531	27207	31843	36612	41685
505.2	10504	15939	20934	22531	27207	31843	36612	41685
506.7	10504	15939	20934	24105	27207	31843	36612	41685
508.3	10504	15939	20934	24105	27207	31843	36612	41685
509.8	10504	15939	20934	24105	28748	31843	36612	41685
511.4	10504	15939	20934	24105	28748	31843	36612	41685
512.9	10504	15939	20934	24105	28748	33410	36612	41685
514.5	10504	15939	20934	24105	28748	33410	36612	41685
516.2	10504	15939	20934	24105	28748	33410	38261	41685
517.8	10504	15939	20934	24105	28748	33410	38261	41685
519.6	10504	15939	20934	24105	28748	33410	38261	43473
521.4	10504	15939	20934	24105	28748	33410	38261	43473
523.0	10504	15939	20934	24105	28748	34997	38261	43473
524.6	10504	15939	20934	24105	28748	34997	38261	43473
526.3	10504	15939	20934	24105	28748	34997	39950	43473
527.9	10504	15939	20934	24105	28748	34997	39950	43473
529.8	10504	15939	20934	24105	28748	34997	39950	45321
531.6	10504	15939	20934	24105	28748	34997	39950	45321
533.5	12375	15939	20934	24105	28748	34997	39950	45321
535.4	12375	15939	20934	24105	28748	34997	39950	45321
537.1	12375	17645	20934	24105	28748	34997	39950	45321
538.8	12375	17645	20934	24105	28748	34997	39950	45321
540.4	12375	17645	22531	24105	28748	34997	39950	45321
542.0	12375	17645	22531	24105	28748	34997	39950	45321
543.5	12375	17645	22531	25661	28748	34997	39950	45321

545.1	12375	17645	22531	25661	28748	34997	39950	45321
546.6	12375	17645	22531	25661	30292	34997	39950	45321
548.2	12375	17645	22531	25661	30292	34997	39950	45321
549.8	12375	17645	22531	25661	30292	36612	39950	45321
551.4	12375	17645	22531	25661	30292	36612	39950	45321
553.1	12375	17645	22531	25661	30292	36612	41685	45321
554.9	12375	17645	22531	25661	30292	36612	41685	45321
556.7	14185	17645	22531	25661	30292	36612	41685	45321
558.5	14185	17645	22531	25661	30292	36612	41685	45321
560.2	14185	19308	22531	25661	30292	36612	41685	45321
561.8	14185	19308	22531	25661	30292	36612	41685	45321
563.4	14185	19308	24105	25661	30292	36612	41685	45321
565.0	14185	19308	24105	25661	30292	36612	41685	45321
566.5	14185	19308	24105	27207	30292	36612	41685	45321
568.1	14185	19308	24105	27207	30292	36612	41685	45321
569.6	14185	19308	24105	27207	31843	36612	41685	45321
571.2	14185	19308	24105	27207	31843	36612	41685	45321
572.9	15939	19308	24105	27207	31843	36612	41685	45321
574.7	15939	19308	24105	27207	31843	36612	41685	45321
576.3	15939	20934	24105	27207	31843	36612	41685	45321
577.9	15939	20934	24105	27207	31843	36612	41685	45321
579.5	15939	20934	25661	27207	31843	36612	41685	45321
581.0	15939	20934	25661	27207	31843	36612	41685	45321
582.6	15939	20934	25661	28748	31843	36612	41685	45321
584.1	15939	20934	25661	28748	31843	36612	41685	45321
585.7	15939	20934	25661	28748	33410	36612	41685	45321
587.3	15939	20934	25661	28748	33410	36612	41685	45321
588.9	15939	20934	25661	28748	33410	38261	41685	45321
590.6	15939	20934	25661	28748	33410	38261	41685	45321
594.1	15939	20934	25661	28748	33410	38261	43473	45321
595.7	15939	22531	25661	28748	33410	38261	43473	45321
597.3	15939	22531	25661	28748	33410	38261	43473	45321
598.9	15939	22531	27207	28748	33410	38261	43473	45321
600.4	15939	22531	27207	28748	33410	38261	43473	45321

602.0	15939	22531	27207	30292	33410	38261	43473	45321
603.5	15939	22531	27207	30292	33410	38261	43473	45321
605.1	15939	22531	27207	30292	34997	38261	43473	45321
606.7	15939	22531	27207	30292	34997	38261	43473	45321

(1 stop) per row. Spill (kcfs) is calculated as a function of the total gate opening (ft) at forebay elevation 74.0 ft (updated 2007).

9	10	11	12	13	14	15	16	17	18
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45321	45321	45321	43473	38261	33410	28748	27207	22531	15939
45321	45321	45321	43473	38261	33410	30292	27207	22531	15939
45321	45321	45321	43473	38261	33410	30292	27207	22531	15939
45321	45321	45321	43473	38261	34997	30292	27207	22531	15939