

Water System Simulation Report

This report provides the complete simulation output for all evaluated flow rate scenarios per Connection Node (CN): 1.25, 1.00, 0.75, 0.50, and 0.125 GPM. All columns from the simulation datasets are included in the tables.

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Scenario: 1.25 GPM per CN

Time (min)	System Pressure (psi)	Booster Mode	Pressure Tank Volume (gal)	Storage Tank Volume (gal)
0	60.0	Off	980.0	5800.0
3	58.9	Off	680.0	5800.0
6	57.8	Off	380.0	5800.0
9	56.7	Off	80.0	5800.0
12	55.6	Off	0.0	5580.0
15	54.49999999999999	Off	0.0	5280.0
18	53.39999999999999	Off	0.0	4980.0
21	52.29999999999999	Off	0.0	4680.0
24	51.19999999999999	Off	0.0	4380.0
27	50.09999999999999	Off	0.0	4080.0
30	48.99999999999999	Off	0.0	3780.0
33	47.899999999999984	Off	0.0	3480.0
36	46.79999999999998	Off	0.0	3180.0
39	45.69999999999998	Off	0.0	2880.0
42	44.59999999999998	Single	0.0	2640.0
45	43.49999999999998	Single	0.0	2400.0
48	42.39999999999998	Single	0.0	2160.0
51	41.299999999999976	Single	0.0	1920.0
54	40.19999999999997	Single	0.0	1680.0
57	39.09999999999997	Dual	0.0	1500.0
60	37.99999999999997	Dual	0.0	1320.0
63	36.89999999999997	Dual	0.0	1140.0
66	35.79999999999997	Dual	0.0	960.0
69	34.69999999999997	Dual	0.0	780.0
72	33.599999999999966	Dual	0.0	600.0
75	32.499999999999964	Dual	0.0	420.0
78	31.399999999999963	Dual	0.0	240.0
81	30.29999999999996	Dual	0.0	60.0
84	29.19999999999996	Dual	0.0	0.0

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Scenario: 1.00 GPM per CN

Time (min)	System Pressure (psi)	Booster Mode	Pressure Tank Volume (gal)	Storage Tank Volume (gal)
0	60.0	Off	1040.0	5800.0
3	58.9	Off	800.0	5800.0
6	57.8	Off	560.0	5800.0
9	56.7	Off	320.0	5800.0
12	55.6	Off	80.0	5800.0
15	54.49999999999999	Off	0.0	5640.0
18	53.39999999999999	Off	0.0	5400.0
21	52.29999999999999	Off	0.0	5160.0
24	51.19999999999999	Off	0.0	4920.0
27	50.09999999999999	Off	0.0	4680.0
30	48.99999999999999	Off	0.0	4440.0
33	47.899999999999984	Off	0.0	4200.0
36	46.79999999999998	Off	0.0	3960.0
39	45.69999999999998	Off	0.0	3720.0
42	44.59999999999998	Single	0.0	3540.0
45	43.49999999999998	Single	0.0	3360.0
48	42.39999999999998	Single	0.0	3180.0
51	41.299999999999976	Single	0.0	3000.0
54	40.19999999999997	Single	0.0	2820.0
57	39.09999999999997	Dual	0.0	2700.0
60	37.99999999999997	Dual	0.0	2580.0
63	36.89999999999997	Dual	0.0	2460.0
66	35.79999999999997	Dual	0.0	2340.0
69	34.69999999999997	Dual	0.0	2220.0
72	33.599999999999966	Dual	0.0	2100.0
75	32.499999999999964	Dual	0.0	1980.0
78	31.399999999999963	Dual	0.0	1860.0
81	30.29999999999996	Dual	0.0	1740.0
84	29.19999999999996	Dual	0.0	1620.0
87	28.09999999999996	Dual	0.0	1500.0
90	26.99999999999996	Dual	0.0	1380.0
93	25.89999999999996	Dual	0.0	1260.0
96	24.799999999999955	Dual	0.0	1140.0
99	23.699999999999957	Dual	0.0	1020.0
102	22.59999999999995	Dual	0.0	900.0

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105	21.49999999999995	Dual	0.0	780.0
108	20.39999999999995	Dual	0.0	660.0

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Scenario: 0.75 GPM per CN

Time (min)	System Pressure (psi)	Booster Mode	Pressure Tank Volume (gal)	Storage Tank Volume (gal)
0	60.0	Off	1100.0	5800.0
3	58.9	Off	920.0	5800.0
6	57.8	Off	740.0	5800.0
9	56.7	Off	560.0	5800.0
12	55.6	Off	380.0	5800.0
15	54.49999999999999	Off	200.0	5800.0
18	53.39999999999999	Off	20.0	5800.0
21	52.29999999999999	Off	0.0	5640.0
24	51.19999999999999	Off	0.0	5460.0
27	50.09999999999999	Off	0.0	5280.0
30	48.99999999999999	Off	0.0	5100.0
33	47.899999999999984	Off	0.0	4920.0
36	46.79999999999998	Off	0.0	4740.0
39	45.69999999999998	Off	0.0	4560.0
42	44.59999999999998	Single	0.0	4440.0
45	43.49999999999998	Single	0.0	4320.0
48	42.39999999999998	Single	0.0	4200.0
51	41.299999999999976	Single	0.0	4080.0
54	40.19999999999997	Single	0.0	3960.0
57	39.09999999999997	Dual	0.0	3900.0
60	37.99999999999997	Dual	0.0	3840.0
63	36.89999999999997	Dual	0.0	3780.0
66	35.79999999999997	Dual	0.0	3720.0
69	34.69999999999997	Dual	0.0	3660.0
72	33.599999999999966	Dual	0.0	3600.0
75	32.499999999999964	Dual	0.0	3540.0
78	31.399999999999963	Dual	0.0	3480.0
81	30.29999999999996	Dual	0.0	3420.0
84	29.19999999999996	Dual	0.0	3360.0
87	28.09999999999996	Dual	0.0	3300.0
90	26.99999999999996	Dual	0.0	3240.0
93	25.89999999999996	Dual	0.0	3180.0
96	24.799999999999955	Dual	0.0	3120.0
99	23.699999999999957	Dual	0.0	3060.0
102	22.59999999999995	Dual	0.0	3000.0

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105	21.49999999999995	Dual	0.0	2940.0
108	20.39999999999995	Dual	0.0	2880.0

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Scenario: 0.50 GPM per CN

Time (min)	System Pressure (psi)	Booster Mode	Pressure Tank Volume (gal)	Storage Tank Volume (gal)
0	60.0	Off	1160.0	5800.0
3	58.9	Off	1040.0	5800.0
6	57.8	Off	920.0	5800.0
9	56.7	Off	800.0	5800.0
12	55.6	Off	680.0	5800.0
15	54.49999999999999	Off	560.0	5800.0
18	53.39999999999999	Off	440.0	5800.0
21	52.29999999999999	Off	320.0	5800.0
24	51.19999999999999	Off	200.0	5800.0
27	50.09999999999999	Off	80.0	5800.0
30	48.99999999999999	Off	0.0	5760.0
33	47.899999999999984	Off	0.0	5640.0
36	46.79999999999998	Off	0.0	5520.0
39	45.69999999999998	Off	0.0	5400.0
42	44.59999999999998	Single	0.0	5340.0
45	43.49999999999998	Single	0.0	5280.0
48	42.39999999999998	Single	0.0	5220.0
51	41.299999999999976	Single	0.0	5160.0
54	40.19999999999997	Single	0.0	5100.0
57	39.09999999999997	Dual	0.0	5100.0
60	40.59999999999997	Dual	0.0	5100.0
63	42.09999999999997	Dual	0.0	5100.0
66	43.59999999999997	Dual	0.0	5100.0
69	45.09999999999997	Dual	0.0	5100.0
72	46.59999999999997	Dual	0.0	5100.0
75	48.09999999999997	Dual	0.0	5100.0
78	49.59999999999997	Dual	0.0	5100.0
81	51.09999999999997	Dual	0.0	5100.0
84	52.59999999999997	Dual	0.0	5100.0
87	54.09999999999997	Dual	0.0	5100.0
90	55.59999999999997	Dual	0.0	5100.0
93	55.0	Off	0.0	4980.0
96	53.9	Off	0.0	4860.0
99	52.8	Off	0.0	4740.0
102	51.7	Off	0.0	4620.0

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105	50.6	Off	0.0	4500.0
108	49.49999999999999	Off	0.0	4380.0
111	48.39999999999999	Off	0.0	4260.0
114	47.29999999999999	Off	0.0	4140.0
117	46.19999999999999	Off	0.0	4020.0
120	45.09999999999999	Off	0.0	3900.0
123	43.99999999999999	Single	0.0	3840.0
126	42.899999999999984	Single	0.0	3780.0
129	41.79999999999998	Single	0.0	3720.0
132	40.69999999999998	Single	0.0	3660.0
135	39.59999999999998	Dual	0.0	3660.0
138	41.09999999999998	Dual	0.0	3660.0
141	42.59999999999998	Dual	0.0	3660.0
144	44.09999999999998	Dual	0.0	3660.0
147	45.59999999999998	Dual	0.0	3660.0
150	47.09999999999998	Dual	0.0	3660.0
153	48.59999999999998	Dual	0.0	3660.0
156	50.09999999999998	Dual	0.0	3660.0
159	51.59999999999998	Dual	0.0	3660.0
162	53.09999999999998	Dual	0.0	3660.0
165	54.59999999999998	Dual	0.0	3660.0
168	56.09999999999998	Dual	0.0	3660.0
171	55.0	Off	0.0	3540.0
174	53.9	Off	0.0	3420.0
177	52.8	Off	0.0	3300.0
180	51.7	Off	0.0	3180.0
183	50.6	Off	0.0	3060.0
186	49.49999999999999	Off	0.0	2940.0
189	48.39999999999999	Off	0.0	2820.0
192	47.29999999999999	Off	0.0	2700.0
195	46.19999999999999	Off	0.0	2580.0
198	45.09999999999999	Off	0.0	2460.0
201	43.99999999999999	Single	0.0	2400.0
204	42.899999999999984	Single	0.0	2340.0
207	41.79999999999998	Single	0.0	2280.0
210	40.69999999999998	Single	0.0	2220.0
213	39.59999999999998	Dual	0.0	2220.0
216	41.09999999999998	Dual	0.0	2220.0

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219	42.59999999999998	Dual	0.0	2220.0
222	44.09999999999998	Dual	0.0	2220.0
225	45.59999999999998	Dual	0.0	2220.0
228	47.09999999999998	Dual	0.0	2220.0
231	48.59999999999998	Dual	0.0	2220.0
234	50.09999999999998	Dual	0.0	2220.0
237	51.59999999999998	Dual	0.0	2220.0
240	53.09999999999998	Dual	0.0	2220.0
243	54.59999999999998	Dual	0.0	2220.0
246	56.09999999999998	Dual	0.0	2220.0
249	55.0	Off	0.0	2100.0
252	53.9	Off	0.0	1980.0
255	52.8	Off	0.0	1860.0
258	51.7	Off	0.0	1740.0
261	50.6	Off	0.0	1620.0
264	49.49999999999999	Off	0.0	1500.0
267	48.39999999999999	Off	0.0	1380.0
270	47.29999999999999	Off	0.0	1260.0
273	46.19999999999999	Off	0.0	1140.0
276	45.09999999999999	Off	0.0	1020.0
279	43.99999999999999	Single	0.0	960.0
282	42.899999999999984	Single	0.0	900.0
285	41.79999999999998	Single	0.0	840.0
288	40.69999999999998	Single	0.0	780.0
291	39.59999999999998	Dual	0.0	780.0
294	41.09999999999998	Dual	0.0	780.0
297	42.59999999999998	Dual	0.0	780.0
300	44.09999999999998	Dual	0.0	780.0
303	45.59999999999998	Dual	0.0	780.0
306	47.09999999999998	Dual	0.0	780.0
309	48.59999999999998	Dual	0.0	780.0
312	50.09999999999998	Dual	0.0	780.0
315	51.59999999999998	Dual	0.0	780.0
318	53.09999999999998	Dual	0.0	780.0
321	54.59999999999998	Dual	0.0	780.0
324	56.09999999999998	Dual	0.0	780.0
327	55.0	Off	0.0	660.0
330	53.9	Off	0.0	540.0

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333	52.8	Off	0.0	420.0
336	51.7	Off	0.0	300.0
339	50.6	Off	0.0	180.0
342	49.49999999999999	Off	0.0	60.0
345	48.39999999999999	Off	0.0	0.0

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Scenario: 0.125 GPM per CN

Time (min)	System Pressure (psi)	Booster Mode	Pressure Tank Volume (gal)	Storage Tank Volume (gal)
0	60.0	Off	1250.0	5800.0
3	58.9	Off	1220.0	5800.0
6	57.8	Off	1190.0	5800.0
9	56.7	Off	1160.0	5800.0
12	55.6	Off	1130.0	5800.0
15	54.49999999999999	Off	1100.0	5800.0
18	53.39999999999999	Off	1070.0	5800.0
21	52.29999999999999	Off	1040.0	5800.0
24	51.19999999999999	Off	1010.0	5800.0
27	50.09999999999999	Off	980.0	5800.0
30	48.99999999999999	Off	950.0	5800.0
33	47.899999999999984	Off	920.0	5800.0
36	46.79999999999998	Off	890.0	5800.0
39	45.69999999999998	Off	860.0	5800.0
42	44.59999999999998	Single	890.0	5800.0
45	46.09999999999998	Single	920.0	5800.0
48	47.59999999999998	Single	950.0	5800.0
51	49.09999999999998	Single	980.0	5800.0
54	50.59999999999998	Single	1010.0	5800.0
57	52.09999999999998	Single	1040.0	5800.0
60	53.59999999999998	Single	1070.0	5800.0
63	55.09999999999998	Single	1100.0	5800.0
66	55.0	Off	1070.0	5800.0
69	53.9	Off	1040.0	5800.0
72	52.8	Off	1010.0	5800.0
75	51.7	Off	980.0	5800.0
78	50.6	Off	950.0	5800.0
81	49.49999999999999	Off	920.0	5800.0
84	48.39999999999999	Off	890.0	5800.0
87	47.29999999999999	Off	860.0	5800.0
90	46.19999999999999	Off	830.0	5800.0
93	45.09999999999999	Off	800.0	5800.0
96	43.99999999999999	Single	830.0	5800.0
99	45.49999999999999	Single	860.0	5800.0
102	46.99999999999999	Single	890.0	5800.0

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105	48.49999999999999	Single	920.0	5800.0
108	49.99999999999999	Single	950.0	5800.0
111	51.49999999999999	Single	980.0	5800.0
114	52.99999999999999	Single	1010.0	5800.0
117	54.49999999999999	Single	1040.0	5800.0
120	55.99999999999999	Single	1070.0	5800.0
123	55.0	Off	1040.0	5800.0
126	53.9	Off	1010.0	5800.0
129	52.8	Off	980.0	5800.0
132	51.7	Off	950.0	5800.0
135	50.6	Off	920.0	5800.0
138	49.49999999999999	Off	890.0	5800.0
141	48.39999999999999	Off	860.0	5800.0
144	47.29999999999999	Off	830.0	5800.0
147	46.19999999999999	Off	800.0	5800.0
150	45.09999999999999	Off	770.0	5800.0
153	43.99999999999999	Single	800.0	5800.0
156	45.49999999999999	Single	830.0	5800.0
159	46.99999999999999	Single	860.0	5800.0
162	48.49999999999999	Single	890.0	5800.0
165	49.99999999999999	Single	920.0	5800.0
168	51.49999999999999	Single	950.0	5800.0
171	52.99999999999999	Single	980.0	5800.0
174	54.49999999999999	Single	1010.0	5800.0
177	55.99999999999999	Single	1040.0	5800.0
180	55.0	Off	1010.0	5800.0
183	53.9	Off	980.0	5800.0
186	52.8	Off	950.0	5800.0
189	51.7	Off	920.0	5800.0
192	50.6	Off	890.0	5800.0
195	49.49999999999999	Off	860.0	5800.0
198	48.39999999999999	Off	830.0	5800.0
201	47.29999999999999	Off	800.0	5800.0
204	46.19999999999999	Off	770.0	5800.0
207	45.09999999999999	Off	740.0	5800.0
210	43.99999999999999	Single	770.0	5800.0
213	45.49999999999999	Single	800.0	5800.0
216	46.99999999999999	Single	830.0	5800.0

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219	48.49999999999999	Single	860.0	5800.0
222	49.99999999999999	Single	890.0	5800.0
225	51.49999999999999	Single	920.0	5800.0
228	52.99999999999999	Single	950.0	5800.0
231	54.49999999999999	Single	980.0	5800.0
234	55.99999999999999	Single	1010.0	5800.0
237	55.0	Off	980.0	5800.0
240	53.9	Off	950.0	5800.0
243	52.8	Off	920.0	5800.0
246	51.7	Off	890.0	5800.0
249	50.6	Off	860.0	5800.0
252	49.49999999999999	Off	830.0	5800.0
255	48.39999999999999	Off	800.0	5800.0
258	47.29999999999999	Off	770.0	5800.0
261	46.19999999999999	Off	740.0	5800.0
264	45.09999999999999	Off	710.0	5800.0
267	43.99999999999999	Single	740.0	5800.0
270	45.49999999999999	Single	770.0	5800.0
273	46.99999999999999	Single	800.0	5800.0
276	48.49999999999999	Single	830.0	5800.0
279	49.99999999999999	Single	860.0	5800.0
282	51.49999999999999	Single	890.0	5800.0
285	52.99999999999999	Single	920.0	5800.0
288	54.49999999999999	Single	950.0	5800.0
291	55.99999999999999	Single	980.0	5800.0
294	55.0	Off	950.0	5800.0
297	53.9	Off	920.0	5800.0
300	52.8	Off	890.0	5800.0
303	51.7	Off	860.0	5800.0
306	50.6	Off	830.0	5800.0
309	49.49999999999999	Off	800.0	5800.0
312	48.39999999999999	Off	770.0	5800.0
315	47.29999999999999	Off	740.0	5800.0
318	46.19999999999999	Off	710.0	5800.0
321	45.09999999999999	Off	680.0	5800.0
324	43.99999999999999	Single	710.0	5800.0
327	45.49999999999999	Single	740.0	5800.0
330	46.99999999999999	Single	770.0	5800.0

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333	48.49999999999999	Single	800.0	5800.0
336	49.99999999999999	Single	830.0	5800.0
339	51.49999999999999	Single	860.0	5800.0
342	52.99999999999999	Single	890.0	5800.0
345	54.49999999999999	Single	920.0	5800.0
348	55.99999999999999	Single	950.0	5800.0
351	55.0	Off	920.0	5800.0
354	53.9	Off	890.0	5800.0
357	52.8	Off	860.0	5800.0
360	51.7	Off	830.0	5800.0
363	50.6	Off	800.0	5800.0
366	49.49999999999999	Off	770.0	5800.0
369	48.39999999999999	Off	740.0	5800.0
372	47.29999999999999	Off	710.0	5800.0
375	46.19999999999999	Off	680.0	5800.0
378	45.09999999999999	Off	650.0	5800.0
381	43.99999999999999	Single	680.0	5800.0
384	45.49999999999999	Single	710.0	5800.0
387	46.99999999999999	Single	740.0	5800.0
390	48.49999999999999	Single	770.0	5800.0
393	49.99999999999999	Single	800.0	5800.0
396	51.49999999999999	Single	830.0	5800.0
399	52.99999999999999	Single	860.0	5800.0
402	54.49999999999999	Single	890.0	5800.0
405	55.99999999999999	Single	920.0	5800.0
408	55.0	Off	890.0	5800.0
411	53.9	Off	860.0	5800.0
414	52.8	Off	830.0	5800.0
417	51.7	Off	800.0	5800.0
420	50.6	Off	770.0	5800.0
423	49.49999999999999	Off	740.0	5800.0
426	48.39999999999999	Off	710.0	5800.0
429	47.29999999999999	Off	680.0	5800.0
432	46.19999999999999	Off	650.0	5800.0
435	45.09999999999999	Off	620.0	5800.0
438	43.99999999999999	Single	650.0	5800.0
441	45.49999999999999	Single	680.0	5800.0
444	46.99999999999999	Single	710.0	5800.0

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447	48.49999999999999	Single	740.0	5800.0
450	49.99999999999999	Single	770.0	5800.0
453	51.49999999999999	Single	800.0	5800.0
456	52.99999999999999	Single	830.0	5800.0
459	54.49999999999999	Single	860.0	5800.0
462	55.99999999999999	Single	890.0	5800.0
465	55.0	Off	860.0	5800.0
468	53.9	Off	830.0	5800.0
471	52.8	Off	800.0	5800.0
474	51.7	Off	770.0	5800.0
477	50.6	Off	740.0	5800.0
480	49.49999999999999	Off	710.0	5800.0
483	48.39999999999999	Off	680.0	5800.0
486	47.29999999999999	Off	650.0	5800.0
489	46.19999999999999	Off	620.0	5800.0
492	45.09999999999999	Off	590.0	5800.0
495	43.99999999999999	Single	620.0	5800.0
498	45.49999999999999	Single	650.0	5800.0
501	46.99999999999999	Single	680.0	5800.0
504	48.49999999999999	Single	710.0	5800.0
507	49.99999999999999	Single	740.0	5800.0
510	51.49999999999999	Single	770.0	5800.0
513	52.99999999999999	Single	800.0	5800.0
516	54.49999999999999	Single	830.0	5800.0
519	55.99999999999999	Single	860.0	5800.0
522	55.0	Off	830.0	5800.0
525	53.9	Off	800.0	5800.0
528	52.8	Off	770.0	5800.0
531	51.7	Off	740.0	5800.0
534	50.6	Off	710.0	5800.0
537	49.49999999999999	Off	680.0	5800.0
540	48.39999999999999	Off	650.0	5800.0
543	47.29999999999999	Off	620.0	5800.0
546	46.19999999999999	Off	590.0	5800.0
549	45.09999999999999	Off	560.0	5800.0
552	43.99999999999999	Single	590.0	5800.0
555	45.49999999999999	Single	620.0	5800.0
558	46.99999999999999	Single	650.0	5800.0

Water System Simulation Report

561	48.49999999999999	Single	680.0	5800.0
564	49.99999999999999	Single	710.0	5800.0
567	51.49999999999999	Single	740.0	5800.0
570	52.99999999999999	Single	770.0	5800.0
573	54.49999999999999	Single	800.0	5800.0
576	55.99999999999999	Single	830.0	5800.0
579	55.0	Off	800.0	5800.0
582	53.9	Off	770.0	5800.0
585	52.8	Off	740.0	5800.0
588	51.7	Off	710.0	5800.0
591	50.6	Off	680.0	5800.0
594	49.49999999999999	Off	650.0	5800.0
597	48.39999999999999	Off	620.0	5800.0
600	47.29999999999999	Off	590.0	5800.0
603	46.19999999999999	Off	560.0	5800.0
606	45.09999999999999	Off	530.0	5800.0
609	43.99999999999999	Single	560.0	5800.0
612	45.49999999999999	Single	590.0	5800.0
615	46.99999999999999	Single	620.0	5800.0
618	48.49999999999999	Single	650.0	5800.0
621	49.99999999999999	Single	680.0	5800.0
624	51.49999999999999	Single	710.0	5800.0
627	52.99999999999999	Single	740.0	5800.0
630	54.49999999999999	Single	770.0	5800.0
633	55.99999999999999	Single	800.0	5800.0
636	55.0	Off	770.0	5800.0
639	53.9	Off	740.0	5800.0
642	52.8	Off	710.0	5800.0
645	51.7	Off	680.0	5800.0
648	50.6	Off	650.0	5800.0
651	49.49999999999999	Off	620.0	5800.0
654	48.39999999999999	Off	590.0	5800.0
657	47.29999999999999	Off	560.0	5800.0
660	46.19999999999999	Off	530.0	5800.0
663	45.09999999999999	Off	500.0	5800.0
666	43.99999999999999	Single	530.0	5800.0
669	45.49999999999999	Single	560.0	5800.0
672	46.99999999999999	Single	590.0	5800.0

Water System Simulation Report

675	48.49999999999999	Single	620.0	5800.0
678	49.99999999999999	Single	650.0	5800.0
681	51.49999999999999	Single	680.0	5800.0
684	52.99999999999999	Single	710.0	5800.0
687	54.49999999999999	Single	740.0	5800.0
690	55.99999999999999	Single	770.0	5800.0
693	55.0	Off	740.0	5800.0
696	53.9	Off	710.0	5800.0
699	52.8	Off	680.0	5800.0
702	51.7	Off	650.0	5800.0
705	50.6	Off	620.0	5800.0
708	49.49999999999999	Off	590.0	5800.0
711	48.39999999999999	Off	560.0	5800.0
714	47.29999999999999	Off	530.0	5800.0
717	46.19999999999999	Off	500.0	5800.0
720	45.09999999999999	Off	470.0	5800.0
723	43.99999999999999	Single	500.0	5800.0
726	45.49999999999999	Single	530.0	5800.0
729	46.99999999999999	Single	560.0	5800.0
732	48.49999999999999	Single	590.0	5800.0
735	49.99999999999999	Single	620.0	5800.0
738	51.49999999999999	Single	650.0	5800.0
741	52.99999999999999	Single	680.0	5800.0
744	54.49999999999999	Single	710.0	5800.0
747	55.99999999999999	Single	740.0	5800.0
750	55.0	Off	710.0	5800.0
753	53.9	Off	680.0	5800.0
756	52.8	Off	650.0	5800.0
759	51.7	Off	620.0	5800.0
762	50.6	Off	590.0	5800.0
765	49.49999999999999	Off	560.0	5800.0
768	48.39999999999999	Off	530.0	5800.0
771	47.29999999999999	Off	500.0	5800.0
774	46.19999999999999	Off	470.0	5800.0
777	45.09999999999999	Off	440.0	5800.0
780	43.99999999999999	Single	470.0	5800.0
783	45.49999999999999	Single	500.0	5800.0
786	46.99999999999999	Single	530.0	5800.0

Water System Simulation Report

789	48.49999999999999	Single	560.0	5800.0
792	49.99999999999999	Single	590.0	5800.0
795	51.49999999999999	Single	620.0	5800.0
798	52.99999999999999	Single	650.0	5800.0
801	54.49999999999999	Single	680.0	5800.0
804	55.99999999999999	Single	710.0	5800.0
807	55.0	Off	680.0	5800.0
810	53.9	Off	650.0	5800.0
813	52.8	Off	620.0	5800.0
816	51.7	Off	590.0	5800.0
819	50.6	Off	560.0	5800.0
822	49.49999999999999	Off	530.0	5800.0
825	48.39999999999999	Off	500.0	5800.0
828	47.29999999999999	Off	470.0	5800.0
831	46.19999999999999	Off	440.0	5800.0
834	45.09999999999999	Off	410.0	5800.0
837	43.99999999999999	Single	440.0	5800.0
840	45.49999999999999	Single	470.0	5800.0
843	46.99999999999999	Single	500.0	5800.0
846	48.49999999999999	Single	530.0	5800.0
849	49.99999999999999	Single	560.0	5800.0
852	51.49999999999999	Single	590.0	5800.0
855	52.99999999999999	Single	620.0	5800.0
858	54.49999999999999	Single	650.0	5800.0
861	55.99999999999999	Single	680.0	5800.0
864	55.0	Off	650.0	5800.0
867	53.9	Off	620.0	5800.0
870	52.8	Off	590.0	5800.0
873	51.7	Off	560.0	5800.0
876	50.6	Off	530.0	5800.0
879	49.49999999999999	Off	500.0	5800.0
882	48.39999999999999	Off	470.0	5800.0
885	47.29999999999999	Off	440.0	5800.0
888	46.19999999999999	Off	410.0	5800.0
891	45.09999999999999	Off	380.0	5800.0
894	43.99999999999999	Single	410.0	5800.0
897	45.49999999999999	Single	440.0	5800.0
900	46.99999999999999	Single	470.0	5800.0

Water System Simulation Report

903	48.49999999999999	Single	500.0	5800.0
906	49.99999999999999	Single	530.0	5800.0
909	51.49999999999999	Single	560.0	5800.0
912	52.99999999999999	Single	590.0	5800.0
915	54.49999999999999	Single	620.0	5800.0
918	55.99999999999999	Single	650.0	5800.0
921	55.0	Off	620.0	5800.0
924	53.9	Off	590.0	5800.0
927	52.8	Off	560.0	5800.0
930	51.7	Off	530.0	5800.0
933	50.6	Off	500.0	5800.0
936	49.49999999999999	Off	470.0	5800.0
939	48.39999999999999	Off	440.0	5800.0
942	47.29999999999999	Off	410.0	5800.0
945	46.19999999999999	Off	380.0	5800.0
948	45.09999999999999	Off	350.0	5800.0
951	43.99999999999999	Single	380.0	5800.0
954	45.49999999999999	Single	410.0	5800.0
957	46.99999999999999	Single	440.0	5800.0
960	48.49999999999999	Single	470.0	5800.0
963	49.99999999999999	Single	500.0	5800.0
966	51.49999999999999	Single	530.0	5800.0
969	52.99999999999999	Single	560.0	5800.0
972	54.49999999999999	Single	590.0	5800.0
975	55.99999999999999	Single	620.0	5800.0
978	55.0	Off	590.0	5800.0
981	53.9	Off	560.0	5800.0
984	52.8	Off	530.0	5800.0
987	51.7	Off	500.0	5800.0
990	50.6	Off	470.0	5800.0
993	49.49999999999999	Off	440.0	5800.0
996	48.39999999999999	Off	410.0	5800.0
999	47.29999999999999	Off	380.0	5800.0
1002	46.19999999999999	Off	350.0	5800.0
1005	45.09999999999999	Off	320.0	5800.0
1008	43.99999999999999	Single	350.0	5800.0
1011	45.49999999999999	Single	380.0	5800.0
1014	46.99999999999999	Single	410.0	5800.0

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1017	48.49999999999999	Single	440.0	5800.0
1020	49.99999999999999	Single	470.0	5800.0
1023	51.49999999999999	Single	500.0	5800.0
1026	52.99999999999999	Single	530.0	5800.0
1029	54.49999999999999	Single	560.0	5800.0
1032	55.99999999999999	Single	590.0	5800.0
1035	55.0	Off	560.0	5800.0
1038	53.9	Off	530.0	5800.0
1041	52.8	Off	500.0	5800.0
1044	51.7	Off	470.0	5800.0
1047	50.6	Off	440.0	5800.0
1050	49.49999999999999	Off	410.0	5800.0
1053	48.39999999999999	Off	380.0	5800.0
1056	47.29999999999999	Off	350.0	5800.0
1059	46.19999999999999	Off	320.0	5800.0
1062	45.09999999999999	Off	290.0	5800.0
1065	43.99999999999999	Single	320.0	5800.0
1068	45.49999999999999	Single	350.0	5800.0
1071	46.99999999999999	Single	380.0	5800.0
1074	48.49999999999999	Single	410.0	5800.0
1077	49.99999999999999	Single	440.0	5800.0
1080	51.49999999999999	Single	470.0	5800.0
1083	52.99999999999999	Single	500.0	5800.0
1086	54.49999999999999	Single	530.0	5800.0
1089	55.99999999999999	Single	560.0	5800.0
1092	55.0	Off	530.0	5800.0
1095	53.9	Off	500.0	5800.0
1098	52.8	Off	470.0	5800.0
1101	51.7	Off	440.0	5800.0
1104	50.6	Off	410.0	5800.0
1107	49.49999999999999	Off	380.0	5800.0
1110	48.39999999999999	Off	350.0	5800.0
1113	47.29999999999999	Off	320.0	5800.0
1116	46.19999999999999	Off	290.0	5800.0
1119	45.09999999999999	Off	260.0	5800.0
1122	43.99999999999999	Single	290.0	5800.0
1125	45.49999999999999	Single	320.0	5800.0
1128	46.99999999999999	Single	350.0	5800.0

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1131	48.49999999999999	Single	380.0	5800.0
1134	49.99999999999999	Single	410.0	5800.0
1137	51.49999999999999	Single	440.0	5800.0
1140	52.99999999999999	Single	470.0	5800.0
1143	54.49999999999999	Single	500.0	5800.0
1146	55.99999999999999	Single	530.0	5800.0
1149	55.0	Off	500.0	5800.0
1152	53.9	Off	470.0	5800.0
1155	52.8	Off	440.0	5800.0
1158	51.7	Off	410.0	5800.0
1161	50.6	Off	380.0	5800.0
1164	49.49999999999999	Off	350.0	5800.0
1167	48.39999999999999	Off	320.0	5800.0
1170	47.29999999999999	Off	290.0	5800.0
1173	46.19999999999999	Off	260.0	5800.0
1176	45.09999999999999	Off	230.0	5800.0
1179	43.99999999999999	Single	260.0	5800.0
1182	45.49999999999999	Single	290.0	5800.0
1185	46.99999999999999	Single	320.0	5800.0
1188	48.49999999999999	Single	350.0	5800.0
1191	49.99999999999999	Single	380.0	5800.0
1194	51.49999999999999	Single	410.0	5800.0
1197	52.99999999999999	Single	440.0	5800.0
1200	54.49999999999999	Single	470.0	5800.0
1203	55.99999999999999	Single	500.0	5800.0
1206	55.0	Off	470.0	5800.0
1209	53.9	Off	440.0	5800.0
1212	52.8	Off	410.0	5800.0
1215	51.7	Off	380.0	5800.0
1218	50.6	Off	350.0	5800.0
1221	49.49999999999999	Off	320.0	5800.0
1224	48.39999999999999	Off	290.0	5800.0
1227	47.29999999999999	Off	260.0	5800.0
1230	46.19999999999999	Off	230.0	5800.0
1233	45.09999999999999	Off	200.0	5800.0
1236	43.99999999999999	Single	230.0	5800.0
1239	45.49999999999999	Single	260.0	5800.0
1242	46.99999999999999	Single	290.0	5800.0

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1245	48.49999999999999	Single	320.0	5800.0
1248	49.99999999999999	Single	350.0	5800.0
1251	51.49999999999999	Single	380.0	5800.0
1254	52.99999999999999	Single	410.0	5800.0
1257	54.49999999999999	Single	440.0	5800.0
1260	55.99999999999999	Single	470.0	5800.0
1263	55.0	Off	440.0	5800.0
1266	53.9	Off	410.0	5800.0
1269	52.8	Off	380.0	5800.0
1272	51.7	Off	350.0	5800.0
1275	50.6	Off	320.0	5800.0
1278	49.49999999999999	Off	290.0	5800.0
1281	48.39999999999999	Off	260.0	5800.0
1284	47.29999999999999	Off	230.0	5800.0
1287	46.19999999999999	Off	200.0	5800.0
1290	45.09999999999999	Off	170.0	5800.0
1293	43.99999999999999	Single	200.0	5800.0
1296	45.49999999999999	Single	230.0	5800.0
1299	46.99999999999999	Single	260.0	5800.0
1302	48.49999999999999	Single	290.0	5800.0
1305	49.99999999999999	Single	320.0	5800.0
1308	51.49999999999999	Single	350.0	5800.0
1311	52.99999999999999	Single	380.0	5800.0
1314	54.49999999999999	Single	410.0	5800.0
1317	55.99999999999999	Single	440.0	5800.0
1320	55.0	Off	410.0	5800.0
1323	53.9	Off	380.0	5800.0
1326	52.8	Off	350.0	5800.0
1329	51.7	Off	320.0	5800.0
1332	50.6	Off	290.0	5800.0
1335	49.49999999999999	Off	260.0	5800.0
1338	48.39999999999999	Off	230.0	5800.0
1341	47.29999999999999	Off	200.0	5800.0
1344	46.19999999999999	Off	170.0	5800.0
1347	45.09999999999999	Off	140.0	5800.0
1350	43.99999999999999	Single	170.0	5800.0
1353	45.49999999999999	Single	200.0	5800.0
1356	46.99999999999999	Single	230.0	5800.0

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1359	48.49999999999999	Single	260.0	5800.0
1362	49.99999999999999	Single	290.0	5800.0
1365	51.49999999999999	Single	320.0	5800.0
1368	52.99999999999999	Single	350.0	5800.0
1371	54.49999999999999	Single	380.0	5800.0
1374	55.99999999999999	Single	410.0	5800.0
1377	55.0	Off	380.0	5800.0
1380	53.9	Off	350.0	5800.0
1383	52.8	Off	320.0	5800.0
1386	51.7	Off	290.0	5800.0
1389	50.6	Off	260.0	5800.0
1392	49.49999999999999	Off	230.0	5800.0
1395	48.39999999999999	Off	200.0	5800.0
1398	47.29999999999999	Off	170.0	5800.0
1401	46.19999999999999	Off	140.0	5800.0
1404	45.09999999999999	Off	110.0	5800.0
1407	43.99999999999999	Single	140.0	5800.0
1410	45.49999999999999	Single	170.0	5800.0
1413	46.99999999999999	Single	200.0	5800.0
1416	48.49999999999999	Single	230.0	5800.0
1419	49.99999999999999	Single	260.0	5800.0
1422	51.49999999999999	Single	290.0	5800.0
1425	52.99999999999999	Single	320.0	5800.0
1428	54.49999999999999	Single	350.0	5800.0
1431	55.99999999999999	Single	380.0	5800.0
1434	55.0	Off	350.0	5800.0
1437	53.9	Off	320.0	5800.0
1440	52.8	Off	290.0	5800.0
1443	51.7	Off	260.0	5800.0
1446	50.6	Off	230.0	5800.0
1449	49.49999999999999	Off	200.0	5800.0
1452	48.39999999999999	Off	170.0	5800.0
1455	47.29999999999999	Off	140.0	5800.0
1458	46.19999999999999	Off	110.0	5800.0
1461	45.09999999999999	Off	80.0	5800.0
1464	43.99999999999999	Single	110.0	5800.0
1467	45.49999999999999	Single	140.0	5800.0
1470	46.99999999999999	Single	170.0	5800.0

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1473	48.49999999999999	Single	200.0	5800.0
1476	49.99999999999999	Single	230.0	5800.0
1479	51.49999999999999	Single	260.0	5800.0
1482	52.99999999999999	Single	290.0	5800.0
1485	54.49999999999999	Single	320.0	5800.0
1488	55.99999999999999	Single	350.0	5800.0
1491	55.0	Off	320.0	5800.0
1494	53.9	Off	290.0	5800.0
1497	52.8	Off	260.0	5800.0
1500	51.7	Off	230.0	5800.0
1503	50.6	Off	200.0	5800.0
1506	49.49999999999999	Off	170.0	5800.0
1509	48.39999999999999	Off	140.0	5800.0
1512	47.29999999999999	Off	110.0	5800.0
1515	46.19999999999999	Off	80.0	5800.0
1518	45.09999999999999	Off	50.0	5800.0
1521	43.99999999999999	Single	80.0	5800.0
1524	45.49999999999999	Single	110.0	5800.0
1527	46.99999999999999	Single	140.0	5800.0
1530	48.49999999999999	Single	170.0	5800.0
1533	49.99999999999999	Single	200.0	5800.0
1536	51.49999999999999	Single	230.0	5800.0
1539	52.99999999999999	Single	260.0	5800.0
1542	54.49999999999999	Single	290.0	5800.0
1545	55.99999999999999	Single	320.0	5800.0
1548	55.0	Off	290.0	5800.0
1551	53.9	Off	260.0	5800.0
1554	52.8	Off	230.0	5800.0
1557	51.7	Off	200.0	5800.0
1560	50.6	Off	170.0	5800.0
1563	49.49999999999999	Off	140.0	5800.0
1566	48.39999999999999	Off	110.0	5800.0
1569	47.29999999999999	Off	80.0	5800.0
1572	46.19999999999999	Off	50.0	5800.0
1575	45.09999999999999	Off	20.0	5800.0
1578	43.99999999999999	Single	50.0	5800.0
1581	45.49999999999999	Single	80.0	5800.0
1584	46.99999999999999	Single	110.0	5800.0

Water System Simulation Report

1587	48.49999999999999	Single	140.0	5800.0
1590	49.99999999999999	Single	170.0	5800.0
1593	51.49999999999999	Single	200.0	5800.0
1596	52.99999999999999	Single	230.0	5800.0
1599	54.49999999999999	Single	260.0	5800.0
1602	55.99999999999999	Single	290.0	5800.0
1605	55.0	Off	260.0	5800.0
1608	53.9	Off	230.0	5800.0
1611	52.8	Off	200.0	5800.0
1614	51.7	Off	170.0	5800.0
1617	50.6	Off	140.0	5800.0
1620	49.49999999999999	Off	110.0	5800.0
1623	48.39999999999999	Off	80.0	5800.0
1626	47.29999999999999	Off	50.0	5800.0
1629	46.19999999999999	Off	20.0	5800.0
1632	45.09999999999999	Off	0.0	5790.0
1635	43.99999999999999	Single	0.0	5790.0
1638	45.49999999999999	Single	0.0	5790.0
1641	46.99999999999999	Single	0.0	5790.0
1644	48.49999999999999	Single	0.0	5790.0
1647	49.99999999999999	Single	0.0	5790.0
1650	51.49999999999999	Single	0.0	5790.0
1653	52.99999999999999	Single	0.0	5790.0
1656	54.49999999999999	Single	0.0	5790.0
1659	55.99999999999999	Single	0.0	5790.0
1662	55.0	Off	0.0	5760.0
1665	53.9	Off	0.0	5730.0
1668	52.8	Off	0.0	5700.0
1671	51.7	Off	0.0	5670.0
1674	50.6	Off	0.0	5640.0
1677	49.49999999999999	Off	0.0	5610.0
1680	48.39999999999999	Off	0.0	5580.0
1683	47.29999999999999	Off	0.0	5550.0
1686	46.19999999999999	Off	0.0	5520.0
1689	45.09999999999999	Off	0.0	5490.0
1692	43.99999999999999	Single	0.0	5490.0
1695	45.49999999999999	Single	0.0	5490.0
1698	46.99999999999999	Single	0.0	5490.0

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1701	48.49999999999999	Single	0.0	5490.0
1704	49.99999999999999	Single	0.0	5490.0
1707	51.49999999999999	Single	0.0	5490.0
1710	52.99999999999999	Single	0.0	5490.0
1713	54.49999999999999	Single	0.0	5490.0
1716	55.99999999999999	Single	0.0	5490.0
1719	55.0	Off	0.0	5460.0
1722	53.9	Off	0.0	5430.0
1725	52.8	Off	0.0	5400.0
1728	51.7	Off	0.0	5370.0
1731	50.6	Off	0.0	5340.0
1734	49.49999999999999	Off	0.0	5310.0
1737	48.39999999999999	Off	0.0	5280.0
1740	47.29999999999999	Off	0.0	5250.0
1743	46.19999999999999	Off	0.0	5220.0
1746	45.09999999999999	Off	0.0	5190.0
1749	43.99999999999999	Single	0.0	5190.0
1752	45.49999999999999	Single	0.0	5190.0
1755	46.99999999999999	Single	0.0	5190.0
1758	48.49999999999999	Single	0.0	5190.0
1761	49.99999999999999	Single	0.0	5190.0
1764	51.49999999999999	Single	0.0	5190.0
1767	52.99999999999999	Single	0.0	5190.0
1770	54.49999999999999	Single	0.0	5190.0
1773	55.99999999999999	Single	0.0	5190.0
1776	55.0	Off	0.0	5160.0
1779	53.9	Off	0.0	5130.0
1782	52.8	Off	0.0	5100.0
1785	51.7	Off	0.0	5070.0
1788	50.6	Off	0.0	5040.0
1791	49.49999999999999	Off	0.0	5010.0
1794	48.39999999999999	Off	0.0	4980.0
1797	47.29999999999999	Off	0.0	4950.0
1800	46.19999999999999	Off	0.0	4920.0
1803	45.09999999999999	Off	0.0	4890.0
1806	43.99999999999999	Single	0.0	4890.0
1809	45.49999999999999	Single	0.0	4890.0
1812	46.99999999999999	Single	0.0	4890.0

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1815	48.49999999999999	Single	0.0	4890.0
1818	49.99999999999999	Single	0.0	4890.0
1821	51.49999999999999	Single	0.0	4890.0
1824	52.99999999999999	Single	0.0	4890.0
1827	54.49999999999999	Single	0.0	4890.0
1830	55.99999999999999	Single	0.0	4890.0
1833	55.0	Off	0.0	4860.0
1836	53.9	Off	0.0	4830.0
1839	52.8	Off	0.0	4800.0
1842	51.7	Off	0.0	4770.0
1845	50.6	Off	0.0	4740.0
1848	49.49999999999999	Off	0.0	4710.0
1851	48.39999999999999	Off	0.0	4680.0
1854	47.29999999999999	Off	0.0	4650.0
1857	46.19999999999999	Off	0.0	4620.0
1860	45.09999999999999	Off	0.0	4590.0
1863	43.99999999999999	Single	0.0	4590.0
1866	45.49999999999999	Single	0.0	4590.0
1869	46.99999999999999	Single	0.0	4590.0
1872	48.49999999999999	Single	0.0	4590.0
1875	49.99999999999999	Single	0.0	4590.0
1878	51.49999999999999	Single	0.0	4590.0
1881	52.99999999999999	Single	0.0	4590.0
1884	54.49999999999999	Single	0.0	4590.0
1887	55.99999999999999	Single	0.0	4590.0
1890	55.0	Off	0.0	4560.0
1893	53.9	Off	0.0	4530.0
1896	52.8	Off	0.0	4500.0
1899	51.7	Off	0.0	4470.0
1902	50.6	Off	0.0	4440.0
1905	49.49999999999999	Off	0.0	4410.0
1908	48.39999999999999	Off	0.0	4380.0
1911	47.29999999999999	Off	0.0	4350.0
1914	46.19999999999999	Off	0.0	4320.0
1917	45.09999999999999	Off	0.0	4290.0
1920	43.99999999999999	Single	0.0	4290.0
1923	45.49999999999999	Single	0.0	4290.0
1926	46.99999999999999	Single	0.0	4290.0

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1929	48.49999999999999	Single	0.0	4290.0
1932	49.99999999999999	Single	0.0	4290.0
1935	51.49999999999999	Single	0.0	4290.0
1938	52.99999999999999	Single	0.0	4290.0
1941	54.49999999999999	Single	0.0	4290.0
1944	55.99999999999999	Single	0.0	4290.0
1947	55.0	Off	0.0	4260.0
1950	53.9	Off	0.0	4230.0
1953	52.8	Off	0.0	4200.0
1956	51.7	Off	0.0	4170.0
1959	50.6	Off	0.0	4140.0
1962	49.49999999999999	Off	0.0	4110.0
1965	48.39999999999999	Off	0.0	4080.0
1968	47.29999999999999	Off	0.0	4050.0
1971	46.19999999999999	Off	0.0	4020.0
1974	45.09999999999999	Off	0.0	3990.0
1977	43.99999999999999	Single	0.0	3990.0
1980	45.49999999999999	Single	0.0	3990.0
1983	46.99999999999999	Single	0.0	3990.0
1986	48.49999999999999	Single	0.0	3990.0
1989	49.99999999999999	Single	0.0	3990.0
1992	51.49999999999999	Single	0.0	3990.0
1995	52.99999999999999	Single	0.0	3990.0
1998	54.49999999999999	Single	0.0	3990.0
2001	55.99999999999999	Single	0.0	3990.0
2004	55.0	Off	0.0	3960.0
2007	53.9	Off	0.0	3930.0
2010	52.8	Off	0.0	3900.0
2013	51.7	Off	0.0	3870.0
2016	50.6	Off	0.0	3840.0
2019	49.49999999999999	Off	0.0	3810.0
2022	48.39999999999999	Off	0.0	3780.0
2025	47.29999999999999	Off	0.0	3750.0
2028	46.19999999999999	Off	0.0	3720.0
2031	45.09999999999999	Off	0.0	3690.0
2034	43.99999999999999	Single	0.0	3690.0
2037	45.49999999999999	Single	0.0	3690.0
2040	46.99999999999999	Single	0.0	3690.0

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2043	48.49999999999999	Single	0.0	3690.0
2046	49.99999999999999	Single	0.0	3690.0
2049	51.49999999999999	Single	0.0	3690.0
2052	52.99999999999999	Single	0.0	3690.0
2055	54.49999999999999	Single	0.0	3690.0
2058	55.99999999999999	Single	0.0	3690.0
2061	55.0	Off	0.0	3660.0
2064	53.9	Off	0.0	3630.0
2067	52.8	Off	0.0	3600.0
2070	51.7	Off	0.0	3570.0
2073	50.6	Off	0.0	3540.0
2076	49.49999999999999	Off	0.0	3510.0
2079	48.39999999999999	Off	0.0	3480.0
2082	47.29999999999999	Off	0.0	3450.0
2085	46.19999999999999	Off	0.0	3420.0
2088	45.09999999999999	Off	0.0	3390.0
2091	43.99999999999999	Single	0.0	3390.0
2094	45.49999999999999	Single	0.0	3390.0
2097	46.99999999999999	Single	0.0	3390.0
2100	48.49999999999999	Single	0.0	3390.0
2103	49.99999999999999	Single	0.0	3390.0
2106	51.49999999999999	Single	0.0	3390.0
2109	52.99999999999999	Single	0.0	3390.0
2112	54.49999999999999	Single	0.0	3390.0
2115	55.99999999999999	Single	0.0	3390.0
2118	55.0	Off	0.0	3360.0
2121	53.9	Off	0.0	3330.0
2124	52.8	Off	0.0	3300.0
2127	51.7	Off	0.0	3270.0
2130	50.6	Off	0.0	3240.0
2133	49.49999999999999	Off	0.0	3210.0
2136	48.39999999999999	Off	0.0	3180.0
2139	47.29999999999999	Off	0.0	3150.0
2142	46.19999999999999	Off	0.0	3120.0
2145	45.09999999999999	Off	0.0	3090.0
2148	43.99999999999999	Single	0.0	3090.0
2151	45.49999999999999	Single	0.0	3090.0
2154	46.99999999999999	Single	0.0	3090.0

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2157	48.49999999999999	Single	0.0	3090.0
2160	49.99999999999999	Single	0.0	3090.0
2163	51.49999999999999	Single	0.0	3090.0
2166	52.99999999999999	Single	0.0	3090.0
2169	54.49999999999999	Single	0.0	3090.0
2172	55.99999999999999	Single	0.0	3090.0
2175	55.0	Off	0.0	3060.0
2178	53.9	Off	0.0	3030.0
2181	52.8	Off	0.0	3000.0
2184	51.7	Off	0.0	2970.0
2187	50.6	Off	0.0	2940.0
2190	49.49999999999999	Off	0.0	2910.0
2193	48.39999999999999	Off	0.0	2880.0
2196	47.29999999999999	Off	0.0	2850.0
2199	46.19999999999999	Off	0.0	2820.0
2202	45.09999999999999	Off	0.0	2790.0
2205	43.99999999999999	Single	0.0	2790.0
2208	45.49999999999999	Single	0.0	2790.0
2211	46.99999999999999	Single	0.0	2790.0
2214	48.49999999999999	Single	0.0	2790.0
2217	49.99999999999999	Single	0.0	2790.0
2220	51.49999999999999	Single	0.0	2790.0
2223	52.99999999999999	Single	0.0	2790.0
2226	54.49999999999999	Single	0.0	2790.0
2229	55.99999999999999	Single	0.0	2790.0
2232	55.0	Off	0.0	2760.0
2235	53.9	Off	0.0	2730.0
2238	52.8	Off	0.0	2700.0
2241	51.7	Off	0.0	2670.0
2244	50.6	Off	0.0	2640.0
2247	49.49999999999999	Off	0.0	2610.0
2250	48.39999999999999	Off	0.0	2580.0
2253	47.29999999999999	Off	0.0	2550.0
2256	46.19999999999999	Off	0.0	2520.0
2259	45.09999999999999	Off	0.0	2490.0
2262	43.99999999999999	Single	0.0	2490.0
2265	45.49999999999999	Single	0.0	2490.0
2268	46.99999999999999	Single	0.0	2490.0

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2271	48.49999999999999	Single	0.0	2490.0
2274	49.99999999999999	Single	0.0	2490.0
2277	51.49999999999999	Single	0.0	2490.0
2280	52.99999999999999	Single	0.0	2490.0
2283	54.49999999999999	Single	0.0	2490.0
2286	55.99999999999999	Single	0.0	2490.0
2289	55.0	Off	0.0	2460.0
2292	53.9	Off	0.0	2430.0
2295	52.8	Off	0.0	2400.0
2298	51.7	Off	0.0	2370.0
2301	50.6	Off	0.0	2340.0
2304	49.49999999999999	Off	0.0	2310.0
2307	48.39999999999999	Off	0.0	2280.0
2310	47.29999999999999	Off	0.0	2250.0
2313	46.19999999999999	Off	0.0	2220.0
2316	45.09999999999999	Off	0.0	2190.0
2319	43.99999999999999	Single	0.0	2190.0
2322	45.49999999999999	Single	0.0	2190.0
2325	46.99999999999999	Single	0.0	2190.0
2328	48.49999999999999	Single	0.0	2190.0
2331	49.99999999999999	Single	0.0	2190.0
2334	51.49999999999999	Single	0.0	2190.0
2337	52.99999999999999	Single	0.0	2190.0
2340	54.49999999999999	Single	0.0	2190.0
2343	55.99999999999999	Single	0.0	2190.0
2346	55.0	Off	0.0	2160.0
2349	53.9	Off	0.0	2130.0
2352	52.8	Off	0.0	2100.0
2355	51.7	Off	0.0	2070.0
2358	50.6	Off	0.0	2040.0
2361	49.49999999999999	Off	0.0	2010.0
2364	48.39999999999999	Off	0.0	1980.0
2367	47.29999999999999	Off	0.0	1950.0
2370	46.19999999999999	Off	0.0	1920.0
2373	45.09999999999999	Off	0.0	1890.0
2376	43.99999999999999	Single	0.0	1890.0
2379	45.49999999999999	Single	0.0	1890.0
2382	46.99999999999999	Single	0.0	1890.0

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2385	48.49999999999999	Single	0.0	1890.0
2388	49.99999999999999	Single	0.0	1890.0
2391	51.49999999999999	Single	0.0	1890.0
2394	52.99999999999999	Single	0.0	1890.0
2397	54.49999999999999	Single	0.0	1890.0
2400	55.99999999999999	Single	0.0	1890.0
2403	55.0	Off	0.0	1860.0
2406	53.9	Off	0.0	1830.0
2409	52.8	Off	0.0	1800.0
2412	51.7	Off	0.0	1770.0
2415	50.6	Off	0.0	1740.0
2418	49.49999999999999	Off	0.0	1710.0
2421	48.39999999999999	Off	0.0	1680.0
2424	47.29999999999999	Off	0.0	1650.0
2427	46.19999999999999	Off	0.0	1620.0
2430	45.09999999999999	Off	0.0	1590.0
2433	43.99999999999999	Single	0.0	1590.0
2436	45.49999999999999	Single	0.0	1590.0
2439	46.99999999999999	Single	0.0	1590.0
2442	48.49999999999999	Single	0.0	1590.0
2445	49.99999999999999	Single	0.0	1590.0
2448	51.49999999999999	Single	0.0	1590.0
2451	52.99999999999999	Single	0.0	1590.0
2454	54.49999999999999	Single	0.0	1590.0
2457	55.99999999999999	Single	0.0	1590.0
2460	55.0	Off	0.0	1560.0
2463	53.9	Off	0.0	1530.0
2466	52.8	Off	0.0	1500.0
2469	51.7	Off	0.0	1470.0
2472	50.6	Off	0.0	1440.0
2475	49.49999999999999	Off	0.0	1410.0
2478	48.39999999999999	Off	0.0	1380.0
2481	47.29999999999999	Off	0.0	1350.0
2484	46.19999999999999	Off	0.0	1320.0
2487	45.09999999999999	Off	0.0	1290.0
2490	43.99999999999999	Single	0.0	1290.0
2493	45.49999999999999	Single	0.0	1290.0
2496	46.99999999999999	Single	0.0	1290.0

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2499	48.49999999999999	Single	0.0	1290.0
2502	49.99999999999999	Single	0.0	1290.0
2505	51.49999999999999	Single	0.0	1290.0
2508	52.99999999999999	Single	0.0	1290.0
2511	54.49999999999999	Single	0.0	1290.0
2514	55.99999999999999	Single	0.0	1290.0
2517	55.0	Off	0.0	1260.0
2520	53.9	Off	0.0	1230.0
2523	52.8	Off	0.0	1200.0
2526	51.7	Off	0.0	1170.0
2529	50.6	Off	0.0	1140.0
2532	49.49999999999999	Off	0.0	1110.0
2535	48.39999999999999	Off	0.0	1080.0
2538	47.29999999999999	Off	0.0	1050.0
2541	46.19999999999999	Off	0.0	1020.0
2544	45.09999999999999	Off	0.0	990.0
2547	43.99999999999999	Single	0.0	990.0
2550	45.49999999999999	Single	0.0	990.0
2553	46.99999999999999	Single	0.0	990.0
2556	48.49999999999999	Single	0.0	990.0
2559	49.99999999999999	Single	0.0	990.0
2562	51.49999999999999	Single	0.0	990.0
2565	52.99999999999999	Single	0.0	990.0
2568	54.49999999999999	Single	0.0	990.0
2571	55.99999999999999	Single	0.0	990.0
2574	55.0	Off	0.0	960.0
2577	53.9	Off	0.0	930.0
2580	52.8	Off	0.0	900.0
2583	51.7	Off	0.0	870.0
2586	50.6	Off	0.0	840.0
2589	49.49999999999999	Off	0.0	810.0
2592	48.39999999999999	Off	0.0	780.0
2595	47.29999999999999	Off	0.0	750.0
2598	46.19999999999999	Off	0.0	720.0
2601	45.09999999999999	Off	0.0	690.0
2604	43.99999999999999	Single	0.0	690.0
2607	45.49999999999999	Single	0.0	690.0
2610	46.99999999999999	Single	0.0	690.0

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2613	48.49999999999999	Single	0.0	690.0
2616	49.99999999999999	Single	0.0	690.0
2619	51.49999999999999	Single	0.0	690.0
2622	52.99999999999999	Single	0.0	690.0
2625	54.49999999999999	Single	0.0	690.0
2628	55.99999999999999	Single	0.0	690.0
2631	55.0	Off	0.0	660.0
2634	53.9	Off	0.0	630.0
2637	52.8	Off	0.0	600.0
2640	51.7	Off	0.0	570.0
2643	50.6	Off	0.0	540.0
2646	49.49999999999999	Off	0.0	510.0
2649	48.39999999999999	Off	0.0	480.0
2652	47.29999999999999	Off	0.0	450.0
2655	46.19999999999999	Off	0.0	420.0
2658	45.09999999999999	Off	0.0	390.0
2661	43.99999999999999	Single	0.0	390.0
2664	45.49999999999999	Single	0.0	390.0
2667	46.99999999999999	Single	0.0	390.0
2670	48.49999999999999	Single	0.0	390.0
2673	49.99999999999999	Single	0.0	390.0
2676	51.49999999999999	Single	0.0	390.0
2679	52.99999999999999	Single	0.0	390.0
2682	54.49999999999999	Single	0.0	390.0
2685	55.99999999999999	Single	0.0	390.0
2688	55.0	Off	0.0	360.0
2691	53.9	Off	0.0	330.0
2694	52.8	Off	0.0	300.0
2697	51.7	Off	0.0	270.0
2700	50.6	Off	0.0	240.0
2703	49.49999999999999	Off	0.0	210.0
2706	48.39999999999999	Off	0.0	180.0
2709	47.29999999999999	Off	0.0	150.0
2712	46.19999999999999	Off	0.0	120.0
2715	45.09999999999999	Off	0.0	90.0
2718	43.99999999999999	Single	0.0	90.0
2721	45.49999999999999	Single	0.0	90.0
2724	46.99999999999999	Single	0.0	90.0

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2727	48.49999999999999	Single	0.0	90.0
2730	49.99999999999999	Single	0.0	90.0
2733	51.49999999999999	Single	0.0	90.0
2736	52.99999999999999	Single	0.0	90.0
2739	54.49999999999999	Single	0.0	90.0
2742	55.99999999999999	Single	0.0	90.0
2745	55.0	Off	0.0	60.0
2748	53.9	Off	0.0	30.0
2751	52.8	Off	0.0	0.0