

----- S C I N T R E X -----
 IPR-12 MULTI-CHANNEL IP-RECEIVER V4.0

Job #: 23 Date: 08/09/09
 Operator: D23 Serial #: 23
 P-Line: ON Units: Metre
 Array: Pole-Dipole Mx From: 340 ms To: 520 ms

Station	P1 C-Line	P2 C1	P3 C2	P4 Curr.	P5 Timing	P6 Time	P7 	P8	P9
D:	VP M1 M8	SP M2 M9	Mx M3 M10	S.D. M4 M11	Res. M5 M12	M6 M13	Dur. M7 M14	K-Fact. M" RMS%	Rho Tau wi
* 20N	10N ON	5N 20N	ON 10199N	10S 625	20S 4	30S 12:49:22	50S 	70S	90S
1:	144.22 9.57	6 20.94 8.04	10.65 18.59 6.67	0.01 16.68 5.47	2.2 14.78 4.42	13.00 3.53	5 11.22 2.78	188.5 78.4 1.689	43 0.50000 13
2:	86.63 12.63	8 27.31 10.62	14.04 24.34 8.83	0.06 21.88 7.23	3.8 19.43 5.87	17.13 4.70	5 14.80 3.72	377.0 102.4 1.463	52 0.50000 13
* 30N	20N ON	15N 30N	10N 10209N	ON 837	10S 4	20S 12:55:20	40S 	60S	80S
1:	225.41 10.09	9 21.94 8.48	11.21 19.50 7.06	0.01 17.50 5.79	4.4 15.54 4.70	13.69 3.75	5 11.81 2.97	188.5 82.6 1.441	51 0.50000 13
2:	120.11 12.62	-4 27.24 10.62	14.02 24.31 8.84	0.00 21.81 7.25	2.9 19.38 5.87	17.08 4.70	5 14.78 3.73	377.0 102.4 1.435	54 0.50000 13
3:	118.97 15.18	17 32.87 12.75	16.90 29.37 10.60	0.02 26.39 8.68	2.8 23.40 7.01	20.63 5.60	5 17.82 4.41	377.0 121.9 1.768	54 0.50000 13
* 40N	20N ON	15N 40N	10N 10209N	ON 600	10S 4	20S 12:58:41	40S 	60S	80S
1:	54.03 14.68	9 31.54 12.35	16.30 28.20 10.29	0.00 25.39 8.40	3.7 22.55 6.86	19.89 5.48	5 17.19 4.37	628.3 118.3 1.393	57 0.50000 13
2:	33.31 16.06	-6 34.62 13.52	17.85 30.95 11.24	0.04 27.81 9.23	2.9 24.70 7.47	21.77 5.99	5 18.82 4.74	942.5 128.8 1.486	52 0.50000 13
3:	37.83 17.15	18 37.31 14.40	19.09 33.31 11.96	0.02 29.88 9.80	2.9 26.50 7.94	23.34 6.36	5 20.14 5.03	754.0 137.2 1.491	48 0.50000 13
* 50N	40N ON	35N 50N	30N 10229N	20N 600	10N 4	ON 13:03:03	20S 	40S	60S
1:	137.66 10.87	0 23.67 9.16	12.11 21.06 7.61	0.03 18.93 6.27	18.1 16.76 5.03	14.76 4.07	5 12.75 3.25	188.5 89.0 1.173	43 0.50000 13

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2:	80.58	-3	13.84	0.01	7.5		5	377.0	51
		27.14	24.19	21.71	19.25	16.94	14.61	105.2	0.25000
	12.43	10.43	8.65	7.07	5.73	4.56	3.60	1.794	13
3:	71.57	6	16.38	0.03	6.2		5	377.0	45
		32.04	28.57	25.64	22.75	20.02	17.28	118.4	0.50000
	14.72	12.36	10.26	8.39	6.79	5.41	4.27	1.797	13
4:	37.61	-4	18.58	0.06	1.8		5	754.0	47
		36.49	32.54	29.18	25.86	22.75	19.61	139.3	0.25000
	16.68	13.99	11.60	9.48	7.65	6.08	4.80	1.818	13
5:	19.09	9	18.77	0.11	1.1		5	1256.7	40
		37.59	33.41	29.85	26.35	23.07	19.83	140.5	0.25000
	16.82	14.07	11.64	9.47	7.61	6.05	4.75	1.904	13

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	60N	40N ON	35N 60N	30N 10229N	20N 600	10N 4	ON 13:05:58	20S	40S	60S
1:	45.66		3	16.27	0.10	8.7		5	628.3	48
			31.73	28.37	25.49	22.50	19.79	17.17	122.4	0.25000
	14.55		12.19	10.05	8.41	6.64	5.35	4.21	1.890	13
2:	31.76		-4	16.96	0.07	6.9		5	942.5	50
			32.94	29.42	26.45	23.50	20.73	17.89	126.6	0.25000
	15.20		12.61	10.47	8.52	6.90	5.49	4.31	2.026	13
3:	32.76		4	17.82	0.09	5.6		5	754.0	41
			34.97	31.18	27.96	24.72	21.66	18.79	128.8	0.50000
	16.01		13.45	11.19	9.17	7.44	5.97	4.76	1.121	13
4:	20.05		-4	18.29	0.11	1.7		5	1256.7	42
			36.30	32.29	28.79	25.49	22.41	19.30	136.8	0.25000
	16.44		13.78	11.43	9.22	7.44	5.89	4.61	2.141	13
5:	11.30		10	17.33	0.25	1.1		5	1885.0	36
			34.98	30.92	27.69	24.43	21.32	18.31	137.5	0.12500
	15.51		12.97	10.72	8.71	6.85	5.51	4.29	2.135	13

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	70N	60N ON	55N 70N	50N 10249N	40N 600	30N 4	20N 13:09:52	ON	20S	40S
1:	134.80		-1	10.44	0.07	11.9		5	188.5	42
			21.13	18.70	16.57	14.76	12.87	11.06	80.5	0.25000
	9.19		7.77	6.53	5.35	4.31	3.46	2.71	1.167	13
2:	76.24		-4	12.67	0.01	21.1		5	377.0	48
			24.85	22.11	19.85	17.59	15.49	13.36	92.9	0.50000
	11.39		9.57	7.94	6.50	5.27	4.23	3.35	1.376	13
3:	81.47		9	16.21	0.01	22.1		5	377.0	51
			31.59	28.19	25.32	22.48	19.81	17.10	117.3	0.50000
	14.57		12.24	10.16	8.31	6.73	5.38	4.25	1.654	13
4:	37.22		-7	18.34	0.00	7.8		5	754.0	47
			35.66	31.86	28.60	25.39	22.39	19.34	132.0	0.50000
	16.48		13.87	11.54	9.45	7.66	6.11	4.83	1.608	13
5:	18.28		-4	17.88	0.06	4.5		5	1256.7	38
			35.51	31.60	28.25	24.99	21.93	18.88	134.6	0.25000
	16.08		13.46	11.14	9.10	7.37	5.87	4.62	1.554	13
6:	19.85		16	16.97	0.13	2.0		5	1099.6	36
			34.46	30.49	27.15	23.95	20.96	17.96	128.6	0.25000
	15.18		12.67	10.49	8.55	6.93	5.60	4.46	0.866	13

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	80N	60N ON	55N 80N	50N 10249N	40N 600	30N 4	20N 13:12:56	ON	20S	40S
1:	47.66		1	14.82	0.08	8.7		5	628.3	50
	13.74	29.26	11.57	25.77	23.31	20.74	18.67	15.49	109.7	0.50000
				9.48	7.80	6.15	4.99	4.23	2.191	13
2:	31.39		-4	16.31	0.02	16.6		5	942.5	49
	14.64	31.74	12.30	28.36	25.51	22.63	19.89	17.20	118.2	0.50000
				10.23	8.40	6.82	5.45	4.31	1.424	13
3:	38.70		7	18.35	0.10	16.8		5	754.0	49
	16.49	35.88	13.83	32.02	28.74	25.49	22.43	19.35	137.7	0.25000
				11.48	9.39	7.59	6.04	4.75	1.939	13
4:	20.38		-6	18.68	0.04	6.3		5	1256.7	43
	16.79	36.72	14.12	32.72	29.34	25.99	22.87	19.71	135.2	0.50000
				11.75	9.65	7.87	6.31	5.03	0.968	13
5:	11.09		-4	17.36	0.13	3.9		5	1885.0	35
	15.55	34.76	13.04	30.78	27.49	24.27	21.31	18.36	131.7	0.25000
				10.85	8.90	7.26	5.82	4.63	1.110	13
6:	13.33		15	15.84	0.03	2.0		5	1508.0	34
	14.19	32.49	11.89	28.59	25.38	22.37	19.56	16.75	121.0	0.25000
				9.82	8.01	6.55	5.29	4.24	0.440	13

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	90N	80N ON	75N 90N	70N 10269N	60N 600	50N 4	40N 13:16:25	20N	ON	20S
1:	121.70		3	9.84	0.02	18.8		5	188.5	38
	8.93	19.79	7.37	17.43	15.54	13.72	12.03	10.40	75.8	0.25000
				6.10	5.03	4.03	3.26	2.53	1.596	13
2:	71.47		-6	11.82	0.08	10.2		5	377.0	45
	10.61	23.39	8.90	20.74	18.59	16.47	14.49	12.47	90.5	0.25000
				7.39	6.04	4.90	3.90	3.09	1.560	13
3:	71.65		5	14.76	0.06	10.2		5	377.0	45
	13.25	29.08	11.11	25.87	23.19	20.54	18.06	15.57	107.4	0.50000
				9.23	7.56	6.12	4.90	3.88	1.531	13
4:	37.17		-6	17.51	0.07	15.6		5	754.0	47
	15.71	34.46	13.16	30.73	27.54	24.38	21.43	18.46	131.7	0.25000
				10.91	8.92	7.20	5.75	4.54	1.645	13
5:	21.00		-1	18.51	0.64	17.1		5	1256.7	44
	16.57	36.80	13.83	32.73	29.27	25.91	22.72	19.53	146.0	0.12500
				11.43	9.30	7.45	5.87	4.55	2.430	13
6:	19.49		-1	16.99	0.80	6.5		5	1099.6	36
	15.20	34.31	12.65	30.38	27.02	23.84	20.89	17.95	143.5	0.06250
				10.30	8.33	6.64	5.26	4.08	2.584	13
7:	9.40		10	13.39	1.38	8.4		5	1979.3	31
	11.76	30.44	9.38	26.47	23.20	20.06	17.04	14.30	171.5	0.00391
				7.61	6.07	4.67	3.61	2.70	1.640	9

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	100N	80N ON	75N 100N	70N 10269N	60N 600	50N 4	40N 13:19:30	20N	ON	20S
1:	43.00		7	14.46	0.10	10.7		6	628.3	45
	12.90	27.58	10.99	24.65	22.10	19.64	17.31	15.15	103.8	0.50000
				8.81	7.23	5.92	4.78	3.80	1.789	13

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2:	29.19	-8	15.00	0.00	8.9		6	942.5	46
	13.49	11.26	9.43	7.69	6.22	18.37	15.82	113.8	0.25000
						4.95	3.91	1.765	13
3:	33.74	5	16.79	0.02	8.3		6	754.0	42
	15.08	12.66	10.53	8.64	6.99	20.54	17.71	126.9	0.25000
						5.56	4.36	1.814	13
4:	20.10	-5	18.22	0.00	11.1		6	1256.7	42
	16.38	13.80	11.46	9.37	7.56	22.31	19.22	137.0	0.25000
						5.99	4.65	2.104	13
5:	12.58	-2	18.36	0.04	12.6		6	1885.0	40
	16.46	13.80	11.47	9.33	7.52	22.48	19.39	137.2	0.25000
						5.89	4.50	2.699	13
6:	12.98	-1	16.58	0.16	5.4		6	1508.0	33
	14.89	12.62	10.38	8.46	6.77	20.24	17.49	131.3	0.12500
						5.22	3.88	3.858	13
7:	6.96	9	14.85	0.03	8.5		6	2513.5	29
	13.32	11.17	8.96	7.14	5.50	18.21	15.66	162.4	0.00781
						4.01	2.82	7.781	13

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	110N	100N ON	95N 110N	90N 10289N	80N 686	70N 4	60N 13:23:28	40N	20N	ON
1:	132.05	2	9.27	0.06	11.6		5	188.5	36	
	8.30	18.56	16.36	14.62	12.83	11.27	9.75	71.3	0.25000	
		6.91	5.70	4.74	3.79	3.07	2.41	1.161	13	
2:	75.06	10	11.28	0.04	21.7		5	377.0	41	
	10.13	22.32	19.80	17.74	15.72	13.83	11.91	86.5	0.25000	
		8.49	7.05	5.77	4.66	3.72	2.93	1.656	13	
3:	79.87	-4	13.99	0.05	22.7		5	377.0	44	
	12.56	27.80	24.68	22.10	19.54	17.16	14.77	106.5	0.25000	
		10.52	8.72	7.12	5.76	4.60	3.66	1.362	13	
4:	37.51	-5	16.36	0.17	14.2		5	754.0	41	
	14.67	32.39	28.80	25.78	22.82	20.04	17.26	123.7	0.25000	
		12.32	10.23	8.37	6.77	5.40	4.25	1.562	13	
5:	20.38	-0	16.82	0.23	12.9		5	1256.7	37	
	15.03	34.10	30.22	26.91	23.71	20.74	17.78	142.3	0.06250	
		12.54	10.30	8.33	6.63	5.15	3.96	3.012	13	
6:	22.66	-0	17.24	0.24	10.1		5	1099.6	36	
	15.44	34.86	30.85	27.46	24.25	21.23	18.20	137.1	0.12500	
		12.88	10.63	8.65	6.93	5.48	4.38	1.654	13	
7:	10.39	-6	14.89	1.44	14.5		5	1979.3	30	
	13.33	30.96	27.03	23.89	21.17	18.46	15.76	114.3	0.25000	
		11.15	9.25	7.39	5.98	4.57	3.53	1.052	10	
8:	6.08	19	11.75	0.92	8.1		5	3110.5	28	
	10.37	25.59	22.76	20.20	16.93	14.67	12.50	133.4	0.00781	
		8.53	6.59	5.32	3.89	2.63	1.60	2.400	10	

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	120N	100N ON	95N 120N	90N 10289N	80N 686	70N 4	60N 13:26:15	40N	20N	ON
1:	47.97	4	13.74	0.22	9.6		5	628.3	44	
	12.20	27.24	24.07	21.60	19.14	16.83	14.49	103.4	0.25000	
		9.98	8.53	6.74	5.39	4.50	3.55	1.760	13	

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2:	31.74	7	14.59	0.00	14.7		5	942.5	44
		29.00	25.82	23.12	20.43	17.95	15.43	110.9	0.25000
	13.07	11.00	9.07	7.40	6.01	4.79	3.79	1.414	13
3:	38.89	-3	16.35	0.04	15.0		5	754.0	43
		32.48	28.89	25.87	22.85	20.07	17.27	119.0	0.50000
	14.68	12.33	10.23	8.39	6.82	5.48	4.37	1.132	13
4:	20.89	-4	17.12	0.14	9.0		5	1256.7	38
		34.15	30.35	27.14	23.97	21.02	18.08	124.7	0.50000
	15.35	12.88	10.72	8.82	7.16	5.79	4.66	0.680	13
5:	12.54	0	17.06	0.23	8.5		5	1885.0	34
		34.57	30.56	27.20	23.95	20.99	18.03	125.3	0.50000
	15.30	12.84	10.67	8.79	7.21	5.88	4.79	0.560	13
6:	15.46	-1	16.60	0.42	8.1		5	1508.0	34
		33.78	29.79	26.54	23.35	20.36	17.53	122.9	0.50000
	14.87	12.43	10.43	8.63	7.06	5.86	4.89	1.720	13
7:	7.83	-6	14.54	0.94	13.1		5	2513.5	29
		29.97	26.14	23.26	20.43	17.77	15.31	110.0	8.00000
	13.03	10.98	9.51	8.16	6.84	5.92	5.11	4.823	13
8:	4.88	18	12.85	0.92	8.4		5	3770.3	27
		25.66	22.43	19.98	17.59	15.34	13.47	160.3	1024.00000
	11.56	9.87	8.59	7.66	6.76	6.20	5.83	8.770	13

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	130N	120N ON	115N 130N	110N 10309N	100N 847	90N 4	80N 13:29:43	60N	40N	20N
1:	144.23	-1	9.00	0.08	18.7		5	188.5	32	
		18.22	16.15	14.42	12.69	11.14	9.50	73.2	0.12500	
	8.00	6.76	5.54	4.51	3.64	2.87	2.26	1.683	13	
2:	85.50	-0	11.13	0.01	26.5		5	377.0	38	
		22.45	19.88	17.77	15.68	13.73	11.77	90.1	0.12500	
	9.97	8.32	6.88	5.60	4.51	3.59	2.81	1.735	13	
3:	97.81	4	14.26	0.01	27.7		5	377.0	44	
		28.82	25.53	22.79	20.09	17.58	15.07	114.5	0.12500	
	12.76	10.65	8.80	7.16	5.76	4.59	3.61	1.631	13	
4:	48.41	6	16.74	0.04	10.3		5	754.0	43	
		33.52	29.77	26.62	23.50	20.59	17.68	126.0	0.25000	
	15.00	12.53	10.37	8.46	6.82	5.42	4.24	1.837	13	
5:	26.98	-8	17.22	0.01	9.5		5	1256.7	40	
		34.95	30.93	27.58	24.29	21.24	18.19	137.3	0.12500	
	15.42	12.85	10.63	8.63	6.96	5.53	4.35	1.557	13	
6:	26.21	2	16.84	0.15	6.1		5	1099.6	34	
		34.38	30.36	27.02	23.75	20.78	17.80	128.0	0.25000	
	15.09	12.64	10.47	8.59	6.97	5.56	4.41	0.904	13	
7:	13.72	-5	15.70	0.21	14.9		5	1979.3	32	
		32.98	28.83	25.47	22.30	19.44	16.60	127.4	0.12500	
	14.05	11.74	9.73	7.95	6.45	5.17	4.17	0.637	13	
8:	7.54	3	13.29	0.24	13.0		5	3110.5	28	
		27.57	24.10	21.47	18.68	16.42	14.04	100.2	0.50000	
	11.89	10.17	8.47	7.19	5.98	4.71	3.68	1.787	13	

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	140N	120N ON	115N 140N	110N 10309N	100N 846	90N 4	80N 13:32:57	60N	40N	20N
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D23_RAW.txt									
1:	53.28	2	13.10	0.03	12.2		5	628.3	40
		26.32	23.31	20.84	18.36	16.15	13.85	99.8	0.25000
	11.77	9.83	8.14	6.59	5.32	4.27	3.35	1.620	13
2:	36.84	-2	14.23	0.04	18.1		5	942.5	41
		28.60	25.35	22.66	20.01	17.53	15.03	113.7	0.12500
	12.74	10.64	8.78	7.11	5.70	4.51	3.53	2.076	13
3:	48.18	4	16.29	0.14	18.9		5	754.0	43
		33.06	29.24	26.05	22.95	20.08	17.21	130.0	0.12500
	14.57	12.14	10.02	8.17	6.59	5.21	4.09	1.621	13
4:	27.06	6	17.24	0.09	7.5		5	1256.7	40
		35.03	31.00	27.63	24.35	21.29	18.24	137.1	0.12500
	15.42	12.86	10.61	8.61	6.92	5.48	4.29	1.819	13
5:	16.57	-7	17.15	0.18	7.3		5	1885.0	37
		35.02	30.86	27.43	24.12	21.13	18.11	137.2	0.12500
	15.36	12.82	10.60	8.70	7.01	5.56	4.39	1.434	13
6:	17.69	1	15.58	0.22	5.4		5	1508.0	32
		32.70	28.64	25.35	22.22	19.37	16.48	133.3	0.06250
	13.93	11.57	9.53	7.71	6.15	4.82	3.70	2.327	13
7:	10.22	-5	14.39	0.12	14.3		5	2513.5	30
		31.09	26.94	23.68	20.72	17.95	15.26	162.0	0.00781
	12.83	10.65	8.68	6.98	5.56	4.23	3.02	4.605	13
8:	5.99	3	12.32	1.32	12.6		5	3770.3	27
		26.35	22.99	20.20	17.57	15.28	13.05	101.0	0.12500
	10.99	9.10	7.60	6.17	5.04	4.21	3.53	0.586	9

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	150N	140N ON	135N 150N	130N 10329N	120N 576	110N 4	100N 13:36:59	80N	60N	40N
1:	113.40	-2	8.35	0.01	8.1		5	188.5	37	
		16.54	14.64	13.18	11.64	10.41	8.88	62.6	0.50000	
	7.50	6.37	5.31	4.32	3.58	2.84	2.19	1.783	13	
2:	68.74	-0	10.86	0.01	7.4		5	377.0	45	
		21.49	19.05	17.06	15.12	13.26	11.45	80.0	0.50000	
	9.75	8.19	6.79	5.57	4.50	3.61	2.87	1.423	13	
3:	64.64	8	13.66	0.02	9.7		5	377.0	42	
		27.28	24.21	21.66	19.14	16.79	14.43	103.6	0.25000	
	12.25	10.24	8.47	6.90	5.55	4.40	3.45	1.927	13	
4:	30.13	-7	15.66	0.03	17.4		5	754.0	39	
		31.41	27.88	24.91	21.99	19.26	16.55	118.9	0.25000	
	14.00	11.71	9.68	7.93	6.45	5.17	4.12	0.900	13	
5:	18.42	-1	16.81	0.15	17.3		5	1256.7	40	
		34.33	30.34	26.99	23.73	20.72	17.80	133.5	0.12500	
	14.98	12.45	10.27	8.36	6.68	5.34	4.16	1.706	13	
6:	18.75	4	16.86	0.11	7.2		5	1099.6	36	
		34.38	30.41	27.09	23.79	20.86	17.85	143.6	0.06250	
	15.09	12.62	10.40	8.42	6.77	5.27	4.01	2.859	13	
7:	8.57	-3	15.01	0.38	11.7		5	1979.3	29	
		31.67	27.72	24.53	21.42	18.69	15.91	167.4	0.00781	
	13.40	11.12	9.12	7.29	5.77	4.25	3.07	5.595	13	
8:	5.37	2	14.29	0.37	13.7		5	3110.5	29	
		30.42	26.60	23.59	20.49	18.11	15.26	199.2	0.00195	
	12.77	10.63	8.71	6.80	5.38	3.77	2.46	9.763	13	

D23_RAW.txt

*	160N	140N ON	135N 160N	130N 10329N	120N 576	110N 4	100N 13:40:10	80N	60N	40N
1:	40.47		-1	12.71	0.04	6.8		5	628.3	44
	11.45	24.98	9.65	22.20	19.85	17.62	15.47	13.39	93.6	0.50000
				8.01	6.68	5.30	4.28	3.43	1.235	13
2:	28.42		-1	14.09	0.01	7.0		5	942.5	47
	12.66	28.00	10.61	24.88	22.28	19.70	17.29	14.88	107.5	0.25000
				8.80	7.20	5.84	4.69	3.69	1.360	13
3:	30.74		7	15.36	0.00	8.0		5	754.0	40
	13.75	31.02	11.49	27.51	24.55	21.63	18.94	16.24	123.1	0.12500
				9.49	7.72	6.21	4.95	3.92	1.582	13
4:	16.48		-6	15.55	0.19	12.7		5	1256.7	36
	13.92	31.83	11.62	28.16	25.07	22.05	19.26	16.45	118.6	0.25000
				9.60	7.85	6.38	5.11	4.11	0.865	13
5:	11.11		-0	16.31	0.20	13.3		5	1885.0	36
	14.57	33.64	12.19	29.73	26.37	23.10	20.18	17.24	131.5	0.12500
				10.18	8.27	6.66	5.38	4.17	1.189	13
6:	12.46		4	15.22	0.13	6.4		5	1508.0	33
	13.56	31.93	11.28	28.10	24.90	21.76	18.90	16.11	123.2	0.12500
				9.31	7.58	6.14	4.98	4.04	0.572	13
7:	6.28		-4	12.99	0.22	11.5		5	2513.5	27
	11.55	28.44	9.56	24.78	21.76	18.79	16.31	13.76	114.6	0.06250
				7.83	6.36	5.12	4.26	3.69	2.885	13
8:	4.21		3	12.38	0.31	13.1		5	3770.3	28
	10.97	27.46	8.86	23.82	20.84	17.88	15.55	13.17	118.4	0.03125
				7.50	6.25	5.07	3.98	3.15	1.474	13
*	170N	160N ON	155N 170N	150N 10349N	140N 576	130N 4	120N 13:43:41	100N	80N	60N
1:	124.12		-5	9.07	0.00	7.4		5	188.5	41
	8.22	18.63	6.81	16.28	14.42	12.79	11.07	9.58	70.4	0.25000
				5.65	4.66	3.74	2.96	2.38	1.208	13
2:	64.91		-13	11.30	0.02	8.9		5	377.0	42
	10.14	22.51	8.51	19.97	17.87	15.79	13.85	11.92	83.5	0.50000
				7.07	5.80	4.70	3.79	3.02	1.091	13
3:	61.13		14	13.15	0.01	10.5		5	377.0	40
	11.77	26.47	9.82	23.45	20.95	18.49	16.19	13.90	105.7	0.12500
				8.11	6.61	5.33	4.22	3.31	1.817	13
4:	30.45		2	15.04	0.18	7.1		5	754.0	40
	13.44	30.49	11.22	26.99	24.07	21.20	18.55	15.90	119.9	0.12500
				9.25	7.49	6.00	4.75	3.70	2.058	13
5:	16.00		-5	15.73	0.12	8.1		5	1256.7	35
	14.04	32.11	11.71	28.36	25.22	22.21	19.37	16.63	120.1	0.25000
				9.69	7.96	6.50	5.28	4.27	0.471	13
6:	16.55		0	14.29	0.01	8.0		5	1099.6	32
	12.71	30.59	10.47	26.77	23.64	20.65	17.88	15.16	145.8	0.01563
				8.54	6.84	5.50	4.29	3.32	2.177	13
7:	8.51		0	13.15	0.14	14.7		5	1979.3	29
	11.58	29.31	9.42	25.43	22.22	19.39	16.60	13.99	166.7	0.00391
				7.59	6.05	4.88	3.82	2.98	1.886	13

D23_RAW.txt									
8:	4.70	2	10.09	0.00	13.3		5	3110.5	25
		24.89	21.20	18.11	15.55	13.08	10.74	213.5	0.00024
	8.85	6.91	5.39	4.20	3.46	2.56	1.84	7.059	13

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	180N	160N ON	155N 180N	150N 10349N	140N 576	130N 4	120N 13:46:52	100N	80N	60N
1:	38.96		-2	13.82	0.16	5.2		5	628.3	43
		28.89	25.54	22.49	19.99	17.45	14.68	120.3	0.06250	
	12.49	10.25	8.24	7.06	5.66	4.63	3.29	2.971		13
2:	24.65		-13	14.60	0.10	7.8		5	942.5	40
		30.03	26.51	23.63	20.73	18.04	15.43	124.2	0.06250	
	13.04	10.77	8.94	7.08	5.61	4.47	3.49	2.422		13
3:	27.52		13	15.40	0.10	8.9		5	754.0	36
		31.33	27.70	24.64	21.72	18.98	16.25	122.8	0.12500	
	13.87	11.46	9.37	7.70	6.17	4.84	3.83	1.863		13
4:	16.15		0	15.44	0.06	5.6		5	1256.7	35
		31.91	28.09	24.95	21.96	19.18	16.34	131.7	0.06250	
	13.77	11.44	9.39	7.61	6.09	4.75	3.70	2.258		13
5:	9.53		-3	14.73	0.51	6.8		5	1885.0	31
		31.22	27.43	24.29	21.18	18.38	15.60	136.9	0.03125	
	13.11	10.87	8.91	7.17	5.72	4.48	3.44	2.296		13
6:	11.00		-0	13.79	0.27	7.1		5	1508.0	29
		29.57	25.83	22.81	19.90	17.25	14.61	140.6	0.01563	
	12.25	10.11	8.23	6.64	5.28	4.15	3.11	2.652		13
7:	6.26		1	12.74	0.37	13.8		5	2513.5	27
		28.44	24.70	21.68	18.75	16.18	13.56	205.4	0.00098	
	11.25	9.12	7.28	5.85	4.62	3.49	2.59	4.087		13
8:	3.70		2	11.75	1.34	12.5		5	3770.3	24
		26.04	22.44	19.71	17.03	14.74	12.42	104.4	0.06250	
	10.57	8.86	7.34	6.25	5.17	4.35	3.58	0.925		9

*

	190N	180N ON	175N 190N	170N 10369N	160N 576	150N 4	140N 13:50:33	120N	100N	80N
1:	110.13		-3	10.60	0.07	21.1		5	188.5	36
		22.38	19.70	17.53	15.32	13.24	11.23	108.3	0.01563	
	9.50	7.84	6.34	5.12	4.00	3.11	2.33	3.659		13
2:	66.98		-1	13.28	0.02	6.0		5	377.0	44
		27.62	24.38	21.66	19.02	16.53	14.08	123.3	0.03125	
	11.82	9.80	8.00	6.44	5.13	4.02	3.13	2.433		13
3:	68.19		7	15.62	0.04	6.1		5	377.0	45
		32.30	28.56	25.39	22.29	19.41	16.54	132.8	0.06250	
	13.91	11.53	9.44	7.62	6.07	4.77	3.71	2.371		13
4:	31.97		-24	16.71	0.08	8.5		5	754.0	42
		34.14	30.22	26.92	23.66	20.64	17.67	127.3	0.25000	
	14.95	12.47	10.33	8.45	6.88	5.55	4.51	0.490		13
5:	16.08		17	15.10	0.54	15.2		5	1256.7	35
		32.29	28.32	25.07	21.88	18.94	16.04	237.9	0.00098	
	13.37	10.97	8.85	6.96	5.36	4.00	2.77	7.245		13
6:	16.97		1	14.93	0.40	11.5		5	1099.6	32
		31.36	27.55	24.43	21.36	18.54	15.82	128.5	0.06250	
	13.32	11.00	9.06	7.36	5.92	4.72	3.68	1.270		13

D23_RAW.txt									
7:	8.13	-5	13.56	0.84	12.2		5	1979.3	28
	12.12	29.26	25.48	22.45	19.52	16.87	14.34	138.3	0.01563
		10.02	8.26	6.55	4.62	3.71	3.45	4.193	11
8:	4.95	8	12.97	1.40	11.4		5	3110.5	27
	11.69	27.94	24.26	21.42	18.60	16.03	13.72	106.5	0.12500
		9.54	8.06	6.75	5.63	4.66	2.90	0.892	9
*									
200N	180N	175N	170N	160N	150N	140N	120N	100N	80N
	ON	200N	10369N	385	4		13:53:59		
1:	24.14	-2	15.52	0.72	12.7		6	628.3	39
	13.64	34.04	29.97	26.48	23.63	20.80	16.59	148.2	0.03125
		11.85	9.11	8.17	6.00	4.81	3.85	3.317	13
2:	17.34	-1	17.00	0.08	5.6		6	942.5	42
	15.16	35.33	31.20	27.74	24.26	21.08	17.99	156.7	0.03125
		12.53	10.25	8.23	6.60	5.21	4.05	2.196	13
3:	20.52	5	17.43	0.02	5.6		6	754.0	40
	15.51	36.19	31.92	28.32	24.82	21.64	18.46	147.8	0.06250
		12.86	10.54	8.51	6.82	5.36	4.16	2.139	13
4:	11.16	-21	16.42	0.23	7.2		6	1256.7	36
	14.64	34.13	30.11	26.77	23.49	20.54	17.40	132.3	0.12500
		12.19	10.04	8.19	6.66	5.38	4.27	0.628	13
5:	6.24	14	15.35	0.40	12.4		6	1885.0	31
	13.69	31.87	28.18	24.92	21.84	19.02	16.22	131.6	0.06250
		11.37	9.36	7.61	6.11	4.79	3.76	1.700	13
6:	7.26	1	14.03	0.76	9.4		6	1508.0	28
	12.53	29.72	26.02	22.91	20.04	17.48	14.86	114.6	0.12500
		10.45	8.60	7.04	5.75	4.72	3.72	0.656	12
7:	3.84	-5	12.82	0.96	12.1		6	2513.5	25
	11.68	28.35	24.66	21.48	18.70	16.20	13.51	108.2	0.12500
		10.02	8.30	6.75	5.54	4.11	3.43	1.785	11
8:	2.50	8	12.75	2.33	11.4		6	3770.3	24
	11.41	27.30	23.61	20.70	18.01	15.97	13.48	104.3	0.12500
		9.33	7.78	7.18	6.21	5.47	4.37	1.005	6
*									
210N	200N	195N	190N	180N	170N	160N	140N	120N	100N
	ON	210N	10389N	549	4		13:57:51		
1:	128.12	3	12.42	0.04	19.7		5	188.5	44
	11.09	26.20	23.15	20.62	18.03	15.60	13.16	116.0	0.03125
		9.19	7.50	6.00	4.79	3.74	2.89	2.559	13
2:	49.30	12	14.84	0.00	6.4		5	377.0	34
	13.20	31.00	27.33	24.26	21.27	18.50	15.73	137.3	0.03125
		10.91	8.93	7.20	5.73	4.49	3.49	2.342	13
3:	41.20	4	15.74	0.03	6.5		5	377.0	28
	14.00	33.20	29.25	25.90	22.66	19.66	16.70	145.1	0.03125
		11.56	9.43	7.58	6.01	4.70	3.63	2.632	13
4:	21.68	-1	15.07	0.05	5.8		5	754.0	30
	13.38	32.22	28.26	24.98	21.81	18.88	15.99	152.8	0.01563
		11.03	8.98	7.20	5.70	4.44	3.41	2.696	13
5:	13.30	1	14.54	0.00	4.7		5	1256.7	30
	12.92	31.19	27.32	24.14	21.00	18.19	15.43	147.9	0.01563
		10.67	8.71	6.98	5.53	4.29	3.31	2.628	13

D23_RAW.txt									
6:	13.52	-4	12.86	0.07	4.8		5	1099.6	27
	11.43	27.83	24.24	21.37	18.63	16.11	13.65	121.7	0.03125
		9.49	7.81	6.32	5.11	4.05	3.20	0.952	13
7:	6.64	-3	11.29	0.10	12.4		5	1979.3	24
	10.02	25.25	21.85	19.13	16.63	14.29	12.01	162.0	0.00195
		8.23	6.66	5.42	4.19	3.17	2.31	4.473	13
8:	3.91	1	10.35	0.55	11.7		5	3110.5	22
	9.23	23.40	20.14	17.40	15.34	13.13	10.98	132.9	0.00391
		7.60	6.18	4.90	3.77	2.88	1.97	2.964	12

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220N	200N ON	195N 220N	190N 10389N	180N 427	170N 4	160N 14:01:45	140N	120N	100N
1:	27.02	5	16.61	0.35	15.4		5	628.3	40
	15.34	35.05	31.20	27.86	24.41	21.34	17.77	144.7	0.06250
		12.76	9.73	8.45	7.16	5.10	3.98	3.883	13
2:	13.07	12	15.90	0.04	6.1		5	942.5	29
	14.16	33.71	29.60	26.10	22.86	19.90	16.86	147.1	0.03125
		11.69	9.58	7.69	6.13	4.81	3.71	2.293	13
3:	13.61	2	14.82	0.18	5.8		5	754.0	24
	13.17	31.84	27.89	24.63	21.46	18.56	15.73	138.0	0.03125
		10.86	8.86	7.16	5.74	4.53	3.49	1.832	13
4:	8.71	-1	13.02	0.21	4.4		5	1256.7	26
	11.56	28.70	24.98	22.03	19.13	16.50	13.84	134.7	0.01563
		9.52	7.81	6.31	4.87	3.98	3.14	1.464	13
5:	6.05	2	13.59	0.72	3.8		5	1885.0	27
	12.14	28.48	24.88	21.88	19.10	16.70	14.37	102.4	0.50000
		10.16	8.41	6.98	6.13	4.86	4.11	3.061	13
6:	6.86	-4	11.23	0.60	4.3		5	1508.0	24
	9.98	24.79	21.48	18.83	16.38	14.12	11.91	116.2	0.01563
		8.23	6.69	5.32	4.25	3.36	2.68	1.440	12
7:	3.73	-3	10.61	0.45	12.1		5	2513.5	22
	9.39	23.42	20.27	17.72	15.65	13.47	11.24	82.3	0.50000
		8.02	6.49	5.46	4.06	4.02	3.82	8.676	13
8:	2.35	1	9.20	1.92	11.5		5	3770.3	21
	8.80	21.02	17.76	15.60	13.52	12.04	9.82	89.7	0.03125
		7.16	5.99	5.19	5.92	3.06	1.88	1.572	6

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230N	220N ON	215N 230N	210N 10409N	200N 357	190N 4	180N 14:05:35	160N	140N	120N
1:	63.20	3	9.29	0.02	15.0		6	188.5	33
	8.51	19.74	17.25	15.11	13.38	11.36	10.11	88.1	0.03125
		6.98	5.79	4.40	3.57	2.93	2.25	2.865	13
2:	40.54	-7	12.16	0.02	22.4		6	377.0	43
	10.81	25.12	22.16	19.73	17.33	15.11	12.86	112.8	0.03125
		8.93	7.31	5.92	4.70	3.68	2.82	2.749	13
3:	41.57	-7	15.07	0.15	28.3		6	377.0	44
	13.40	31.70	27.89	24.73	21.64	18.80	15.97	138.8	0.03125
		11.05	9.01	7.24	5.74	4.49	3.45	2.792	13
4:	16.25	15	16.37	0.23	10.8		6	754.0	34
	14.54	34.96	30.71	27.15	23.68	20.51	17.35	165.0	0.01563
		11.96	9.71	7.85	6.22	4.75	3.62	3.279	13

D23_RAW.txt									
5:	6.61	1	13.03	0.40	3.9		6	1256.7	23
		28.97	25.18	22.18	19.16	16.44	13.88	274.6	0.00024
	11.54	9.36	7.60	5.88	4.52	3.42	2.52	5.519	13
6:	8.21	3	11.14	0.88	3.7		6	1099.6	25
		25.38	21.83	19.10	16.52	14.07	11.91	159.7	0.00195
	9.78	7.94	6.34	4.70	3.61	2.52	1.66	3.272	10
7:	4.24	-9	9.05	1.78	10.0		6	1979.3	24
		22.26	18.79	16.26	13.88	11.64	9.72	154.0	0.00098
	7.81	6.09	4.61	3.28	2.61	1.75	1.31	0.472	6
8:	2.47	5	6.88	2.09	11.2		6	3110.5	22
		18.53	15.36	13.21	11.53	8.94	7.73		
	5.67	4.28	3.05	1.01	0.32	-0.65	-0.83		99

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	240N	220N ON	215N 240N	210N 10409N	200N 696	190N 4	180N 14:10:05	160N	140N	120N
1:	37.92	3	14.71	0.17	13.0		6	628.3	34	
		28.69	24.55	22.16	20.37	18.06	15.69	113.5	0.12500	
	12.20	10.00	8.23	7.16	6.46	4.75	3.27	6.013	13	
2:	29.83	-9	15.31	0.05	17.5		6	942.5	40	
		31.73	28.13	25.01	21.87	18.99	16.17	141.6	0.03125	
	13.73	11.32	9.29	7.47	5.88	4.62	3.62	2.568	13	
3:	37.23	-4	16.52	0.04	22.4		6	754.0	40	
		34.69	30.57	27.12	23.71	20.59	17.51	152.7	0.03125	
	14.70	12.16	9.96	8.03	6.39	5.03	3.93	2.038	13	
4:	17.82	14	15.70	0.22	9.2		6	1256.7	32	
		33.79	29.63	26.16	22.74	19.67	16.63	159.1	0.01563	
	13.98	11.50	9.36	7.51	5.87	4.59	3.59	2.615	13	
5:	8.26	0	11.99	0.12	3.5		6	1885.0	22	
		26.97	23.32	20.43	17.64	15.16	12.79	137.4	0.00781	
	10.60	8.75	7.12	5.68	4.54	3.55	2.74	1.825	13	
6:	11.36	3	10.67	0.47	3.2		6	1508.0	25	
		24.17	20.83	18.06	15.64	13.47	11.42	136.7	0.00391	
	9.28	7.66	6.21	4.93	4.07	3.13	2.44	1.548	13	
7:	6.40	-9	9.18	0.45	10.0		6	2513.5	23	
		21.77	18.52	15.89	13.68	11.75	9.87	173.7	0.00049	
	7.98	6.53	5.23	4.12	3.36	2.55	2.04	1.851	12	
8:	3.94	5	8.40	1.61	11.1		6	3770.3	21	
		20.21	17.08	14.30	12.52	10.81	9.38	100.3	0.00781	
	6.97	5.69	4.47	3.53	3.45	2.36	1.92	2.185	6	

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	250N	240N ON	235N 250N	230N 10429N	220N 401	210N 4	200N 14:14:12	180N	160N	140N
1:	68.65	-13	9.65	0.79	45.0		6	188.5	32	
		20.52	18.30	15.76	13.15	12.29	10.18	84.8	0.06250	
	8.51	7.89	5.90	4.44	3.70	2.51	2.37	4.602	10	
2:	35.33	13	11.89	0.05	28.0		6	377.0	33	
		24.85	21.92	19.49	17.18	14.68	12.53	103.5	0.06250	
	10.68	8.87	7.30	6.07	4.69	3.76	2.93	1.942	13	
3:	35.47	-13	13.78	0.00	25.5		6	377.0	33	
		28.74	25.28	22.43	19.70	17.23	14.59	118.5	0.06250	
	12.27	10.18	8.31	6.78	5.43	4.31	3.35	1.681	13	

D23_RAW.txt									
4:	17.79	-8	15.39	0.14	13.3		6	754.0	33
	32.24		28.35	25.14	22.03	19.17	16.30	142.7	0.03125
	13.74	11.43	9.32	7.51	5.97	4.69	3.63	2.410	13
5:	11.72	-3	16.13	0.60	22.8		6	1256.7	37
	34.73		30.57	26.98	23.23	20.21	17.09	140.9	0.06250
	14.37	12.37	10.35	8.26	6.55	5.24	3.84	2.911	13
6:	9.57	14	13.54	0.72	17.2		6	1099.6	26
	29.63		25.67	22.52	19.58	17.96	14.58	107.9	0.25000
	12.00	10.32	8.29	6.57	6.29	4.52	4.22	5.269	13
7:	4.75	-1	12.14	1.03	9.3		6	1979.3	23
	27.01		23.99	21.65	16.71	14.35	12.48	94.9	1.00000
	11.20	11.32	9.37	6.52	5.83	4.64	3.20	8.492	11
8:	2.87	-3	10.36	1.29	9.1		6	3110.5	22
	21.47		17.30	14.83	13.35	15.66	11.30	149.9	2048.00000
	8.57	7.68	7.60	5.09	7.11	3.83	4.78	14.104	10

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	260N	240N ON	235N 260N	230N 10429N	220N 500	210N 4	200N 14:18:06	180N	160N	140N
1:	27.84	-13	13.35	2.02	38.1		6	628.3	35	
	31.04		26.98	25.71	23.41	18.40	13.19	257.9	0.00049	
	11.00	10.00	7.38	7.30	7.12	4.30	3.08	8.373	7	
2:	17.69	14	14.87	0.46	25.6		6	942.5	33	
	30.18		26.75	23.61	20.77	18.17	15.82	118.0	0.12500	
	13.35	11.01	9.18	7.27	5.78	4.70	3.61	2.456	13	
3:	21.04	-14	15.12	0.27	22.7		6	754.0	32	
	31.62		27.93	24.69	21.58	18.79	16.04	129.1	0.06250	
	13.42	11.15	9.12	7.32	5.84	4.69	3.65	1.877	13	
4:	12.58	-9	15.05	0.43	11.7		6	1256.7	32	
	31.94		28.06	24.81	21.67	18.80	15.96	139.6	0.03125	
	13.33	11.08	9.10	7.34	5.81	4.50	3.53	2.346	13	
5:	9.32	-2	14.71	0.66	17.4		6	1885.0	35	
	32.29		28.24	24.77	21.43	18.50	15.67	150.5	0.01563	
	13.02	10.72	8.71	6.93	5.52	4.48	3.44	1.669	13	
6:	8.46	14	11.87	0.77	12.7		6	1508.0	26	
	27.11		23.32	20.39	17.64	15.23	12.65	137.8	0.00781	
	10.53	8.59	6.96	5.69	4.63	3.58	3.00	0.929	11	
7:	4.61	-1	8.33	0.68	9.3		6	2513.5	23	
	21.20		17.95	15.15	12.88	11.26	8.94	145.4	0.00098	
	7.47	5.99	4.69	4.15	3.52	2.79	2.27	3.848	11	
8:	2.93	-3	6.29	1.77	9.1		6	3770.3	22	
	19.49		15.87	12.95	11.23	9.77	6.87	167.4	0.00024	
	6.16	4.35	2.70	3.10	2.97	1.22	0.18	2.856	5	

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	270N	260N ON	255N 270N	250N 10449N	240N 500	230N 4	220N 14:23:00	200N	180N	160N
1:	99.98	4	9.20	0.06	25.8		5	188.5	38	
	19.74		17.24	15.38	13.46	11.63	9.84	82.1	0.06250	
	8.20	6.99	5.66	4.85	3.85	3.01	2.27	2.368	13	
2:	50.08	21	12.49	0.07	13.1		5	377.0	38	
	25.24		22.31	19.88	17.52	15.33	13.17	96.4	0.25000	
	11.26	9.41	7.83	6.39	5.20	4.23	3.38	0.919	13	

D23_RAW.txt

3:	52.81	-12	13.82	0.10	27.9		5	377.0	40
	28.70	25.31	22.50	19.74	17.22	14.66	127.4	0.03125	13
	12.30	10.18	8.29	6.69	5.27	4.11	3.14	3.128	13
4:	21.22	-2	15.77	0.42	35.7		5	754.0	32
	32.48	28.71	25.56	22.40	19.53	16.70	134.9	0.06250	13
	14.07	11.70	9.64	7.82	6.28	4.92	3.85	1.967	13
5:	11.53	-16	15.00	0.25	19.1		5	1256.7	29
	31.69	27.80	24.63	21.47	18.67	15.88	138.6	0.03125	13
	13.38	11.04	9.01	7.22	5.74	4.54	3.47	2.443	13
6:	13.93	-8	14.42	1.32	12.6		5	1099.6	31
	31.13	27.15	23.96	20.88	18.07	15.31	126.1	0.06250	13
	12.83	10.71	8.82	7.24	5.92	4.85	3.98	0.411	10
7:	6.14	11	11.88	1.89	15.5		5	1979.3	24
	26.46	22.82	20.08	17.33	15.07	12.65	113.4	0.03125	13
	10.42	8.75	7.16	6.09	4.97	4.27	3.57	0.697	7
8:	3.62	5	8.16	3.53	9.4		5	3110.5	23
	20.98	17.79	15.90	13.24	11.26	9.00			99
	6.67	6.34	4.72	3.86	3.65	2.45	2.05		99

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	270N	260N ON	255N 270N	250N 10449N	240N 500	230N 4	220N 14:25:11	200N	180N	160N
1:	100.02	4	9.37	0.12	23.4		5	188.5	38	
	8.10	19.64	17.14	15.25	13.40	11.95	10.09	82.1	0.06250	
		7.17	5.68	4.59	3.70	2.94	2.43	2.155	13	
2:	50.08	18	12.26	0.12	11.8		5	377.0	38	
	10.92	25.00	22.08	19.68	17.27	15.09	12.94	98.1	0.12500	
		9.04	7.46	6.06	4.84	3.85	3.02	1.877	13	
3:	52.83	-9	14.23	0.06	24.2		5	377.0	40	
	12.71	29.20	25.79	22.95	20.16	17.62	15.05	114.1	0.12500	
		10.60	8.72	7.08	5.69	4.52	3.55	1.626	13	
4:	21.22	-2	15.71	0.23	31.4		5	754.0	32	
	14.03	32.39	28.57	25.39	22.28	19.44	16.62	125.6	0.12500	
		11.68	9.64	7.82	6.27	5.00	3.92	1.539	13	
5:	11.54	-15	14.82	0.07	17.9		5	1256.7	29	
	13.22	31.48	27.55	24.39	21.32	18.48	15.71	138.2	0.03125	
		10.89	8.92	7.24	5.77	4.55	3.60	1.567	13	
6:	13.93	-8	13.94	0.23	12.3		5	1099.6	31	
	12.33	30.72	26.73	23.50	20.44	17.65	14.82	158.1	0.00781	
		10.14	8.18	6.54	5.17	4.10	3.26	1.825	13	
7:	6.14	11	11.00	0.27	15.3		5	1979.3	24	
	9.70	25.72	21.98	19.00	16.31	14.05	11.68	159.5	0.00195	
		8.05	6.26	4.93	3.98	3.21	2.52	1.823	13	
8:	3.62	5	8.16	0.63	9.6		5	3110.5	23	
	7.40	18.99	16.01	13.50	11.11	10.24	8.64	150.3	0.00049	
		6.21	4.26	3.22	2.22	2.00	1.74	6.793	10	

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	280N	260N ON	255N 280N	250N 10449N	240N 500	230N 4	220N 14:27:49	200N	180N	160N
1:	31.78	5	14.08	0.22	22.5		6	628.3	40	
	12.28	28.74	24.00	22.32	18.62	17.49	15.33	106.4	0.25000	
		11.19	9.04	7.06	5.39	4.44	3.67	4.313	13	

D23_RAW.txt									
2:	19.14	16	15.09	0.05	11.6		6	942.5	36
		30.93	27.45	24.37	21.49	18.72	15.91	122.2	0.12500
	13.59	11.28	9.31	7.66	6.19	5.05	3.89	1.291	13
3:	23.82	-9	15.80	0.07	22.2		6	754.0	36
		32.42	28.57	25.43	22.32	19.50	16.72	126.2	0.12500
	14.08	11.72	9.66	7.88	6.33	5.03	3.97	1.367	13
4:	11.40	-1	15.45	0.11	28.6		6	1256.7	29
		32.30	28.44	25.19	22.06	19.19	16.36	155.8	0.01563
	13.75	11.46	9.42	7.64	6.04	4.40	3.34	4.761	13
5:	6.97	-16	14.17	0.43	17.0		6	1885.0	26
		30.24	26.44	23.37	20.45	17.71	14.97	123.7	0.06250
	12.75	10.55	8.71	7.03	5.64	4.42	3.81	1.779	13
6:	9.51	-8	13.26	0.71	12.0		6	1508.0	29
		29.12	25.27	22.26	19.20	16.62	14.12	124.4	0.03125
	11.68	9.64	7.77	6.17	4.89	4.38	3.20	2.749	12
7:	4.65	11	11.95	0.14	15.4		6	2513.5	23
		25.96	22.23	19.62	16.86	14.72	12.69	90.7	0.50000
	10.55	8.80	7.28	5.87	5.01	4.44	3.87	5.617	13
8:	2.93	4	10.58	2.94	9.9		6	3770.3	22
		22.27	17.78	15.71	12.95	12.11	11.47		
	8.46	7.83	6.13	3.87	2.57	0.86	1.95		99

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	290N	280N ON	275N 290N	270N 10469N	260N 500	250N 4	240N 14:31:32	220N	200N	180N
1:	104.53		-17	10.39	0.00	10.9		5	188.5	39
			20.73	18.47	16.09	13.50	11.88	10.78	85.5	0.06250
	9.58		7.19	5.73	4.96	3.50	3.26	2.38	5.122	13
2:	55.98		7	12.17	0.01	12.8		5	377.0	42
			25.07	22.12	19.72	17.41	15.11	12.92	104.4	0.06250
	10.82		9.09	7.46	6.02	4.81	3.68	2.79	3.478	13
3:	56.26		-13	14.54	0.02	14.6		5	377.0	42
			29.52	26.13	23.33	20.50	17.93	15.37	116.5	0.12500
	13.01		10.80	8.94	7.30	5.94	4.58	3.61	1.937	13
4:	23.23		25	16.19	0.12	13.6		5	754.0	35
			32.97	29.17	25.96	22.97	20.10	17.14	137.9	0.06250
	14.50		12.06	9.85	7.92	6.33	5.08	3.99	2.118	13
5:	12.86		-12	15.61	0.19	21.4		5	1256.7	32
			32.61	28.72	25.44	22.25	19.40	16.53	133.1	0.06250
	13.92		11.48	9.31	7.51	6.21	4.89	3.72	2.022	13
6:	11.56		-10	13.38	0.06	22.8		5	1099.6	25
			29.40	25.71	22.66	19.61	16.88	14.20	169.0	0.00391
	11.98		9.84	8.11	6.49	4.82	3.68	2.81	4.774	13
7:	6.90		-13	11.77	0.77	22.2		5	1979.3	27
			27.38	23.69	20.64	17.70	15.01	12.46	195.1	0.00098
	10.72		9.01	6.89	5.13	4.10	3.29	2.57	4.019	11
8:	3.67		15	8.17	1.17	18.7		5	3110.5	23
			20.50	17.55	15.08	12.73	10.51	8.76		
	6.39		4.79	4.01	3.73	1.91	0.69	-0.16		98

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	300N	280N ON	275N 300N	270N 10469N	260N 449	250N 4	240N 14:35:00	220N	200N	180N

D23_RAW.txt									
1:	54.73	-18	15.87	0.28	10.3		5	628.3	77
	29.29	26.96	24.46	22.16	19.30	16.20	117.4	0.25	000
	14.87	12.12	11.11	6.66	5.31	5.52	4.26	9.442	13
2:	35.09	9	15.33	0.00	12.1		5	942.5	74
	31.23	27.57	24.62	21.65	19.00	16.29	123.1	0.12	500
	13.64	11.52	9.52	7.89	6.23	4.87	3.83	2.118	13
3:	40.53	-12	16.62	0.20	12.3		5	754.0	68
	33.59	29.77	26.53	23.39	20.45	17.56	132.7	0.12	500
	14.89	12.42	10.22	8.34	6.70	5.38	4.26	1.463	13
4:	19.60	24	16.18	0.04	11.4		5	1256.7	55
	33.73	29.73	26.31	23.09	20.17	17.15	137.8	0.06	250
	14.37	11.87	9.81	7.89	6.36	4.98	3.89	1.973	13
5:	12.11	-10	15.40	0.10	20.0		5	1885.0	51
	32.39	28.44	25.14	21.97	19.09	16.30	142.5	0.03	125
	13.65	11.33	9.19	7.38	5.94	4.77	3.70	1.688	13
6:	12.15	-11	12.73	0.63	21.3		5	1508.0	41
	27.93	24.28	21.32	18.53	15.98	13.52	130.8	0.01	563
	11.31	9.27	7.52	6.06	4.79	3.76	3.02	1.619	12
7:	8.04	-14	11.70	0.13	20.5		5	2513.5	45
	26.80	23.19	20.09	17.35	14.76	12.41	217.0	0.00	049
	10.29	8.32	6.52	5.14	4.05	3.22	2.60	2.562	13
8:	4.53	15	11.07	2.58	17.1		5	3770.3	38
	23.50	20.42	18.64	16.83	13.87	11.49	86.7	0.50	000
	10.24	7.58	6.03	5.46	4.24	4.26	4.34	2.127	5

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	300N	280N ON	275N 300N	270N 10469N	260N 449	250N 4	240N 14:37:05	220N	200N	180N
1:	54.77	-18	15.13	0.07	10.1		5	628.3	77	
	30.31	26.39	21.19	20.51	16.51	15.82	113.9	0.12	500	
	12.65	10.25	7.75	7.64	5.98	4.92	3.32	6.409	13	
2:	35.10	9	15.48	0.00	11.9		5	942.5	74	
	31.17	27.63	24.77	21.87	19.12	16.36	123.7	0.12	500	
	13.87	11.59	9.63	7.75	6.24	4.94	3.85	2.069	13	
3:	40.53	-11	16.43	0.07	11.8		5	754.0	68	
	33.43	29.57	26.32	23.20	20.28	17.37	131.4	0.12	500	
	14.67	12.25	10.11	8.24	6.61	5.29	4.23	1.254	13	
4:	19.60	24	16.19	0.21	10.8		5	1256.7	55	
	33.63	29.65	26.34	23.13	20.18	17.14	149.2	0.03	125	
	14.45	11.94	9.80	7.91	6.29	4.92	3.71	2.956	13	
5:	12.12	-10	14.99	0.38	19.5		5	1885.0	51	
	31.92	27.97	24.67	21.54	18.65	15.90	139.6	0.03	125	
	13.30	11.02	9.00	7.31	5.84	4.64	3.60	1.516	13	
6:	12.15	-11	12.42	0.40	20.8		5	1508.0	41	
	27.72	23.99	20.93	18.26	15.71	13.21	156.8	0.00	391	
	10.90	8.87	7.08	5.60	4.36	3.49	2.98	2.823	13	
7:	8.05	-14	10.88	0.94	20.4		5	2513.5	45	
	25.84	22.09	19.12	16.42	13.99	11.62	205.9	0.00	049	
	9.53	7.69	6.14	4.78	3.69	2.85	2.13	1.886	10	
8:	4.52	15	9.63	0.96	17.0		5	3770.3	38	
	22.11	18.68	15.14	13.72	11.30	10.14	197.0	0.00	024	
	7.94	5.90	4.38	3.12	2.36	1.53	1.03	4.166	8	

D23_RAW.txt

*	310N	300N ON	295N 310N	290N 10489N	280N 328	270N 4	260N 14:43:37	240N	220N	200N
1:	74.50		-11	9.25	0.10	5.2		6	188.5	43
	7.88		19.27	16.97	14.22	12.94	11.65	9.85	85.2	0.03125
			6.94	5.00	4.59	3.54	2.65	2.20	4.229	13
2:	37.72		5	11.83	0.06	7.8		6	377.0	43
	10.62		24.21	21.38	19.08	16.76	14.60	12.49	95.8	0.12500
			8.83	7.35	5.92	4.75	3.80	2.98	1.552	13
3:	36.42		11	13.97	0.11	6.2		6	377.0	42
	12.51		28.22	24.95	22.25	19.61	17.18	14.75	112.3	0.12500
			10.45	8.63	7.04	5.70	4.54	3.50	1.869	13
4:	17.38		-4	15.77	0.03	3.6		6	754.0	40
	14.07		32.34	28.57	25.41	22.33	19.52	16.71	133.4	0.06250
			11.67	9.49	7.62	6.05	4.74	3.78	2.542	13
5:	9.13		-9	16.56	0.78	3.8		6	1256.7	35
	14.83		34.23	30.22	26.85	23.58	20.52	17.52	141.6	0.06250
			12.32	10.13	8.21	6.58	5.01	3.85	2.192	12
6:	8.30		14	15.41	0.18	4.9		6	1099.6	28
	13.79		31.94	28.07	24.81	21.80	19.02	16.31	114.5	0.50000
			11.69	9.76	8.18	6.45	5.27	4.36	1.249	13
7:	3.69		-14	10.84	0.95	10.5		6	1979.3	22
	9.17		25.29	21.67	18.37	15.96	13.92	11.63	200.7	0.00049
			7.64	5.49	4.26	2.92	2.18	1.18	4.028	9
8:	2.67		-13	8.87	3.76	10.9		6	3110.5	25
	6.48		23.48	19.28	15.42	13.25	12.21	9.80		
			5.59	2.45	1.45	-0.79	-1.61	-3.42		99

*	320N	300N ON	295N 320N	290N 10489N	280N 287	270N 4	260N 14:53:15	240N	220N	200N
1:	19.34		-8	13.22	0.92	5.0		5	628.3	42
	13.67		29.87	23.82	21.38	17.35	13.11	13.90	101.6	0.25000
			9.91	7.42	7.61	4.06	3.72	3.00	10.966	10
2:	12.06		0	14.67	0.38	7.8		5	942.5	40
	12.91		29.59	26.27	23.48	20.80	18.33	15.59	112.2	0.25000
			10.98	9.31	7.39	6.13	4.89	3.82	1.460	13
3:	13.81		13	15.46	0.11	6.1		5	754.0	36
	13.89		31.36	27.74	24.69	21.74	19.01	16.31	123.6	0.12500
			11.60	9.58	7.75	6.28	4.93	3.82	2.079	13
4:	7.73		-5	15.99	0.03	3.5		5	1256.7	34
	14.22		33.00	29.14	25.87	22.71	19.79	16.95	127.8	0.12500
			11.77	9.73	8.05	6.54	5.12	3.87	2.218	13
5:	4.55		-5	16.00	0.49	3.5		5	1885.0	30
	14.31		33.00	29.20	25.98	22.71	19.68	16.90	123.0	0.25000
			11.95	9.88	8.21	6.58	5.53	4.41	0.993	13
6:	4.70		10	12.90	0.71	3.9		5	1508.0	25
	11.87		28.82	25.11	21.88	19.26	16.49	13.56	116.5	0.06250
			10.02	8.19	6.70	5.41	3.08	1.35	1.504	11
7:	2.36		-11	10.45	0.88	9.7		5	2513.5	21
	9.86		24.25	20.71	17.44	15.53	13.14	10.80	110.6	0.01563
			7.69	6.05	5.27	3.63	3.29	2.44	2.942	10

D23_RAW.txt									
8:	1.84	-14	12.31	0.42	10.5		5	3770.3	24
	10.71	26.11	22.44	18.87	18.11	14.78	13.18		
		8.09	6.57	6.47	5.02	1.28	-2.24		98

*

	330N	320N ON	315N 330N	310N 10509N	300N 565	290N 4	280N 14:56:37	260N	240N	220N
1:	140.46		-2	8.99	0.06	13.6		5	188.5	47
	8.18	18.85	16.80	14.78	12.68	11.02	9.50	73.9	0.12500	
		6.61	5.51	4.45	3.57	2.92	2.40	1.312		13
2:	81.71		17	10.72	0.02	14.7		5	377.0	55
	9.59	21.72	19.14	17.09	15.08	13.22	11.33	82.4	0.25000	
		8.03	6.64	5.43	4.39	3.49	2.79	1.195		13
3:	70.40		-2	13.12	0.03	7.8		5	377.0	47
	11.75	26.33	23.31	20.82	18.39	16.13	13.86	99.8	0.25000	
		9.85	8.14	6.65	5.36	4.25	3.33	1.801		13
4:	27.26		-9	14.75	0.10	3.4		5	754.0	36
	13.25	29.78	26.52	23.64	20.78	18.16	15.58	118.5	0.12500	
		11.03	9.10	7.37	5.92	4.72	3.85	1.489		13
5:	14.42		8	14.99	0.01	4.4		5	1256.7	32
	13.42	30.85	27.18	24.17	21.24	18.53	15.83	119.9	0.12500	
		11.17	9.18	7.46	6.00	4.76	3.67	1.988		13
6:	14.87		-6	14.18	0.36	3.9		5	1099.6	29
	12.63	30.12	26.47	23.29	20.32	17.69	15.02	122.8	0.06250	
		10.42	8.54	6.89	5.67	4.53	3.62	0.670		13
7:	6.65		6	11.46	0.35	9.1		5	1979.3	23
	10.21	26.11	22.58	19.64	16.90	14.67	12.13	147.3	0.00391	
		8.34	6.85	5.44	4.43	3.37	2.43	3.495		13
8:	3.67		-5	9.76	0.39	9.1		5	3110.5	20
	8.52	21.43	19.04	16.34	13.77	11.80	10.42	86.4	0.06250	
		6.96	5.93	4.46	4.38	3.42	2.47	4.906		13

*

	340N	320N ON	315N 340N	310N 10509N	300N 565	290N 4	280N 14:59:35	260N	240N	220N
1:	43.62		-4	10.73	0.00	12.9		5	628.3	49
	10.29	23.62	21.37	19.27	16.61	14.54	11.24	106.4	0.03125	
		7.87	6.61	6.06	3.92	3.59	2.85	5.386		13
2:	29.69		17	12.59	0.00	14.3		5	942.5	50
	11.18	24.75	21.88	19.54	17.31	15.25	13.28	91.6	0.50000	
		9.47	7.82	6.35	5.20	4.15	3.30	1.491		13
3:	30.21		-4	13.97	0.08	7.7		5	754.0	40
	12.55	27.95	24.74	22.06	19.48	17.10	14.72	106.0	0.25000	
		10.49	8.70	7.04	5.69	4.55	3.57	1.635		13
4:	13.95		-9	14.44	0.13	3.4		5	1256.7	31
	12.91	29.40	26.09	23.32	20.48	17.85	15.31	110.6	0.25000	
		10.83	9.01	7.38	5.86	4.81	3.80	0.980		13
5:	8.39		10	13.48	0.34	4.4		5	1885.0	28
	11.95	28.43	24.84	22.04	19.27	16.75	14.28	136.4	0.01563	
		9.88	8.05	6.39	5.12	3.99	3.04	2.961		13
6:	9.72		-6	12.50	0.27	3.8		5	1508.0	26
	11.12	27.29	23.85	21.15	18.42	15.91	13.31	143.1	0.00781	
		9.15	7.48	6.15	4.73	3.67	2.85	2.728		13

D23_RAW.txt									
7:	4.90	6	9.35	0.51	9.4		5	2513.5	22
	8.25	22.58	19.31	16.90	14.48	12.26	9.98	204.6	0.00024
		6.38	5.29	4.28	3.07	2.22	2.52	3.729	11
8:	2.91	-4	6.25	0.27	9.3		5	3770.3	19
	6.44	19.25	16.22	14.54	12.10	10.34	6.80	153.7	0.00024
		4.04	3.43	2.24	0.43	1.07	0.49	18.463	10
*									
350N	340N ON	335N 350N	330N 10529N	320N 322	310N 4	300N	280N 15:02:51	260N	240N
1:	52.54	11	7.52	0.00	8.3		5	188.5	31
	6.68	15.44	13.63	12.20	10.83	9.38	7.80	83.5	0.00781
		5.33	4.71	3.59	2.66	2.08	1.45	7.170	13
2:	34.92	-10	9.01	0.05	10.4		5	377.0	41
	8.12	18.20	15.94	14.17	12.48	10.98	9.51	66.4	2.00000
		6.89	5.75	4.86	4.03	3.35	2.76	1.863	13
3:	36.22	-5	10.46	0.00	8.3		5	377.0	42
	9.36	21.02	18.59	16.61	14.67	12.86	11.06	84.4	0.12500
		7.83	6.47	5.21	4.17	3.32	2.62	1.991	13
4:	17.94	11	12.97	0.11	7.8		5	754.0	42
	11.75	25.00	22.15	19.87	17.72	15.69	13.64	92.1	2.00000
		9.97	8.11	6.57	5.73	4.70	3.73	1.728	13
5:	8.79	-9	13.36	0.11	5.0		5	1256.7	34
	11.95	27.47	24.18	21.49	18.86	16.45	14.11	107.5	0.12500
		9.97	8.21	6.73	5.41	4.24	3.31	1.776	13
6:	7.67	6	13.25	0.24	3.2		5	1099.6	26
	11.79	27.50	24.18	21.43	18.76	16.41	14.02	107.6	0.12500
		9.95	8.27	6.78	5.45	4.30	3.36	1.451	13
7:	3.87	-13	12.04	0.74	9.0		5	1979.3	24
	10.67	25.76	22.42	20.00	17.34	15.05	12.76	112.3	0.03125
		8.86	7.13	5.56	4.46	3.27	2.62	2.304	11
8:	2.14	12	11.78	0.16	8.8		5	3110.5	21
	10.79	23.76	21.02	19.28	17.49	15.09	12.33	95.9	16.00000
		9.10	8.61	6.44	6.14	4.98	4.36	5.535	13
*									
360N	340N ON	335N 360N	330N 10529N	320N 322	310N 4	300N	280N 15:05:38	260N	240N
1:	20.44	8	6.50	2.94	7.8		6	628.3	40
	6.53	23.76	22.26	17.04	14.82	7.05	6.48		
		6.48	9.88	9.05	2.95	1.13	1.58		99
2:	15.69	-7	10.37	0.01	9.9		6	942.5	46
	9.28	19.94	17.49	15.84	14.00	12.64	10.98	75.4	0.50000
		7.71	6.07	4.78	4.48	3.61	2.83	3.715	13
3:	18.38	-5	11.72	0.10	8.2		6	754.0	43
	10.55	23.26	20.61	18.44	16.31	14.33	12.35	86.3	0.50000
		8.85	7.40	6.02	4.87	3.94	3.08	1.468	13
4:	10.29	11	12.76	0.36	7.6		6	1256.7	40
	11.51	25.62	22.63	20.19	17.84	15.68	13.46	94.3	0.50000
		9.59	8.13	6.80	5.28	4.20	3.48	1.736	13
5:	5.58	-9	13.04	0.27	4.9		6	1885.0	33
	11.49	27.25	23.85	21.18	18.36	16.15	13.85	105.4	0.12500
		9.61	7.58	6.19	5.51	4.39	3.40	2.498	13

D23_RAW.txt									
6:	5.41	6	12.19	1.01	3.2	6	1508.0	25	
	10.91	26.75	23.37	20.47	17.86	15.05	12.79	101.9	0.12500
		9.24	7.66	6.34	5.26	4.35	3.65	1.815	11
7:	3.00	-13	11.27	0.82	9.2	6	2513.5	23	
	10.26	24.94	21.96	19.52	16.29	13.30	11.76	94.2	0.12500
		8.62	6.54	3.24	5.10	3.83	3.58	4.789	10
8:	1.76	13	8.23	2.25	9.0	6	3770.3	21	
	7.88	22.68	19.36	15.65	13.88	7.61	7.88		
		6.59	6.61	5.28	1.55	0.64	1.96		99
*									
370N	360N	355N	350N	340N	330N	320N	300N	280N	260N
	ON	370N	10549N	322	4	15:08:48			
1:	44.15	10	5.49	0.00	12.8	5	188.5	26	
	5.28	11.13	9.85	8.61	8.02	6.09	5.75	83.3	0.00098
		4.54	2.37	2.15	0.70	1.94	1.73	38.068	13
2:	28.02	-5	6.56	0.08	12.8	5	377.0	33	
	5.79	13.68	12.00	10.57	9.26	8.19	6.95	54.2	0.12500
		4.95	4.21	3.40	2.89	2.03	1.55	4.363	13
3:	33.39	-3	8.68	0.05	9.1	5	377.0	39	
	7.78	17.72	15.56	13.82	12.18	10.68	9.16	67.6	0.25000
		6.52	5.42	4.42	3.59	2.86	2.38	0.919	13
4:	18.81	-0	10.76	0.04	4.7	5	754.0	44	
	9.69	21.55	19.04	17.00	15.01	13.15	11.35	82.2	0.25000
		8.12	6.72	5.43	4.37	3.55	2.62	2.775	13
5:	10.71	-9	12.44	0.27	6.8	5	1256.7	42	
	11.16	24.87	22.02	19.69	17.41	15.29	13.13	105.9	0.06250
		9.29	7.66	6.18	4.87	3.74	2.93	3.486	13
6:	10.31	9	13.60	0.14	5.1	5	1099.6	35	
	12.16	27.47	24.26	21.57	19.02	16.62	14.35	100.4	0.50000
		10.41	8.38	6.73	5.62	4.82	3.81	1.869	13
7:	4.00	-1	11.83	0.03	8.6	5	1979.3	25	
	10.50	25.51	22.19	19.36	16.81	14.50	12.59	120.5	0.01563
		8.54	7.01	5.51	4.28	3.37	3.06	3.454	13
8:	2.39	-7	9.00	0.35	9.1	5	3110.5	23	
	8.15	21.76	18.57	15.72	14.06	10.44	9.55	176.9	0.00024
		6.73	3.87	1.95	1.56	2.01	0.78	25.550	11
*									
380N	360N	355N	350N	340N	330N	320N	300N	280N	260N
	ON	380N	10549N	230	4	15:11:36			
1:	12.03	9	6.61	3.99	12.3	6	628.3	33	
	3.04	13.93	15.15	15.07	10.83	9.68	8.52		
		0.71	0.70	1.14	1.36	2.64	2.63		99
2:	8.85	-6	8.29	0.27	12.4	6	942.5	36	
	8.02	17.11	14.71	12.92	11.72	10.18	8.64	68.4	0.12500
		6.57	5.56	4.40	3.44	2.55	1.94	6.043	13
3:	11.94	-1	10.16	0.01	8.9	6	754.0	39	
	9.16	20.82	18.29	16.28	14.38	12.53	10.74	78.6	0.25000
		7.65	6.34	5.14	4.16	3.32	2.67	1.198	13
4:	7.52	-1	12.05	0.61	4.6	6	1256.7	41	
	10.78	24.23	21.45	19.14	16.93	14.75	12.69	96.5	0.12500
		8.77	7.15	5.87	4.89	3.87	2.99	1.499	12

D23_RAW.txt									
5:	4.63	-8	13.46	0.89	6.7		6	1885.0	38
	12.21	26.68	23.66	21.05	18.59	16.28	14.22	97.4	1.00000
		10.09	8.44	7.05	5.97	4.86	3.92	1.254	12
6:	4.90	7	13.06	1.84	5.0		6	1508.0	32
	11.55	27.85	24.44	21.66	18.74	16.07	13.69	112.9	0.06250
		9.28	7.76	6.42	5.06	4.00	3.21	1.070	8
7:	2.12	-0	11.69	0.57	8.9		6	2513.5	23
	10.54	25.84	22.20	19.28	16.91	14.70	12.30	97.4	0.12500
		8.67	7.03	5.88	5.13	4.26	2.95	3.722	13
8:	1.35	-7	9.42	1.84	9.5		6	3770.3	22
	7.33	24.51	21.47	18.66	15.48	11.56	9.09	219.8	0.00024
		3.55	4.82	2.91	2.62	2.23	1.96	5.123	5

*

	390N	380N ON	375N 390N	370N 10569N	360N 315	350N 4	340N 15:15:10	320N	300N	280N
1:	43.83	-1	3.48	1.29	18.8		5	188.5	26	
	4.97	9.54	8.51	8.49	7.71	5.85	3.66			
		4.68	4.21	2.89	2.39	1.90	1.53		99	
2:	28.87	11	6.62	0.22	15.7		5	377.0	35	
	5.70	13.25	11.61	10.17	8.92	8.02	7.00	52.7	0.12500	
		4.70	3.88	3.32	2.60	2.08	1.59	2.322	13	
3:	30.95	1	7.88	0.05	12.5		5	377.0	37	
	7.10	15.78	13.87	12.40	10.97	9.64	8.31	59.2	0.50000	
		5.97	4.98	4.11	3.34	2.70	2.16	0.629	13	
4:	15.33	2	9.42	0.09	10.5		5	754.0	37	
	8.47	18.83	16.60	14.83	13.13	11.54	9.94	70.4	0.50000	
		7.14	5.96	4.92	3.99	3.20	2.57	0.751	13	
5:	9.80	-5	11.74	0.30	7.3		5	1256.7	39	
	10.52	23.56	20.76	18.43	16.25	14.34	12.41	87.1	0.50000	
		8.87	7.43	6.08	4.95	4.14	3.12	1.446	13	
6:	10.96	-4	13.03	0.03	5.8		5	1099.6	38	
	11.85	26.48	23.33	20.98	18.60	16.19	13.75	96.0	1.00000	
		10.00	8.35	6.82	5.77	4.79	3.83	1.403	13	
7:	4.93	2	12.15	0.27	10.5		5	1979.3	31	
	10.91	26.92	23.61	20.80	18.54	15.55	12.81	110.0	0.06250	
		9.37	8.26	6.59	5.20	4.00	2.92	4.281	13	
8:	2.32	4	10.07	1.48	8.7		5	3110.5	23	
	11.00	23.15	19.64	18.31	16.90	13.18	10.45	97.6	32.00000	
		10.65	8.78	6.24	4.87	4.66	3.97	9.416	9	

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	400N	380N ON	375N 400N	370N 10569N	360N 315	350N 4	340N 15:19:52	320N	300N	280N
1:	18.24	-1	5.41	2.25	18.0		5	628.3	36	
	6.30	15.71	13.15	10.73	8.92	7.48	6.62			
		5.49	5.36	4.40	2.82	3.16	1.07		99	
2:	13.80	13	8.33	0.40	15.3		5	942.5	41	
	7.37	16.06	14.26	12.93	11.51	10.07	8.69	61.3	0.50000	
		6.13	5.16	4.30	3.60	2.66	2.23	2.131	13	
3:	16.56	1	9.24	0.14	12.2		5	754.0	40	
	8.31	18.49	16.34	14.54	12.82	11.28	9.74	68.8	0.50000	
		6.99	5.82	4.76	3.86	3.11	2.51	0.827	13	

D23_RAW.txt									
4:	9.10	-0	10.20	0.17	10.2		5	1256.7	36
		20.76	18.30	16.29	14.32	12.55	10.78	82.5	0.12500
	9.11	7.70	6.37	5.14	4.16	3.20	2.45	2.920	13
5:	6.24	-3	11.85	0.22	7.2		5	1885.0	37
		24.55	21.62	19.31	17.01	14.83	12.58	92.0	0.25000
	10.47	8.69	7.08	5.74	4.83	4.20	3.40	3.139	13
6:	7.51	-3	12.43	0.56	5.7		5	1508.0	36
		26.62	23.32	20.65	18.20	15.78	13.31	118.2	0.03125
	11.17	9.33	7.70	6.23	4.92	3.78	3.11	2.141	13
7:	3.69	-0	11.59	0.74	10.8		5	2513.5	29
		26.99	23.59	20.25	16.74	14.32	12.15	168.4	0.00195
	10.62	8.67	6.97	5.16	4.02	3.14	2.11	3.781	11
8:	1.87	6	9.72	0.07	9.1		5	3770.3	22
		25.52	21.64	17.48	17.00	14.63	11.18	224.1	0.00024
	7.56	6.25	4.81	5.09	4.29	3.29	2.04	11.887	13

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410N	400N ON	395N 410N	390N 10589N	380N 315	370N 4	360N 15:23:02	340N	320N	300N
1:	44.26	16	5.57	0.21	9.9		5	188.5	26
		11.45	10.14	8.73	7.77	6.62	6.03	42.6	0.50000
	5.06	4.06	3.68	3.17	2.28	1.81	1.65	4.294	13
2:	27.84	-25	5.95	0.12	10.1		5	377.0	33
		12.34	10.75	9.59	8.47	7.39	6.29	55.9	0.03125
	5.31	4.39	3.62	2.94	2.40	1.77	1.30	4.530	13
3:	29.55	10	7.65	0.14	13.7		5	377.0	35
		15.27	13.47	12.02	10.61	9.33	8.06	57.4	0.50000
	6.89	5.80	4.79	3.86	3.19	2.67	2.14	1.095	13
4:	16.90	7	9.18	0.30	16.4		5	754.0	40
		18.03	15.93	14.25	12.68	11.23	9.69	67.4	1.00000
	8.25	7.06	5.93	4.88	4.03	3.24	2.65	0.806	13
5:	9.68	2	10.31	0.19	14.3		5	1256.7	39
		20.81	18.37	16.42	14.41	12.59	10.85	79.8	0.25000
	9.29	7.87	6.52	5.26	4.25	3.41	2.73	1.317	13
6:	9.87	0	11.88	0.15	7.2		5	1099.6	34
		24.07	21.27	18.92	16.62	14.66	12.55	91.7	0.25000
	10.67	9.02	7.53	6.21	5.00	3.87	3.05	1.974	13
7:	5.32	-9	12.81	0.42	11.3		5	1979.3	33
		27.41	24.13	21.48	18.71	16.03	13.54	111.4	0.06250
	11.25	9.36	7.69	6.27	5.18	3.95	3.27	1.418	13
8:	2.84	8	11.32	0.17	10.5		5	3110.5	28
		24.81	22.32	19.54	16.09	13.60	12.01	130.0	0.00781
	9.84	8.97	6.78	5.75	4.35	3.25	2.51	4.764	13

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420N	400N ON	395N 420N	390N 10589N	380N 315	370N 4	360N 15:25:55	340N	320N	300N
1:	17.22	14	7.98	1.11	9.5		5	628.3	34
		15.24	13.51	11.38	10.67	9.17	8.24	59.5	8.00000
	6.61	6.23	5.74	4.66	3.32	2.78	2.57	5.186	9
2:	12.54	-22	8.30	0.11	9.9		5	942.5	38
		16.25	14.44	13.00	11.49	10.15	8.75	60.6	1.00000
	7.55	6.33	5.23	4.34	3.42	2.91	2.32	1.431	13

D23_RAW.txt									
3:	15.03	9	9.43	0.17	13.6		5	754.0	36
	8.50	18.61	16.42	14.72	12.98	11.46	9.91	69.1	1.00000
		7.21	6.05	5.01	4.15	3.34	2.65	0.787	13
4:	9.59	7	10.67	0.02	15.7		5	1256.7	38
	9.61	21.00	18.53	16.60	14.66	12.93	11.21	77.4	2.00000
		8.05	6.83	5.69	4.70	3.91	3.24	1.351	13
5:	5.90	3	11.54	0.42	13.7		5	1885.0	35
	10.42	23.29	20.54	18.41	16.25	14.23	12.19	84.8	1.00000
		8.91	7.49	6.18	5.03	4.13	3.24	1.073	13
6:	6.54	-1	13.03	0.85	7.1		5	1508.0	31
	11.68	25.86	22.79	20.38	17.99	15.76	13.70	94.1	2.00000
		9.99	8.49	6.93	5.78	4.92	4.01	1.621	12
7:	3.85	-9	14.21	0.19	11.3		5	2513.5	31
	12.76	28.78	25.23	22.49	19.71	17.50	15.00	105.1	4.00000
		10.92	9.19	7.98	6.86	5.73	4.60	3.346	13
8:	2.22	7	17.12	2.31	10.6		5	3770.3	27
	15.53	30.19	26.30	24.61	22.01	19.35	17.33	196.5	1024.00000
		14.81	12.14	9.84	7.98	7.47	6.62	3.565	9

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430N	420N ON	415N 430N	410N 10609N	400N 201	390N 4	380N 15:29:07	360N	340N	320N
1:	24.01	7	6.02	0.26	14.8		6	188.5	23
	6.34	12.04	10.56	9.67	8.62	7.67	6.03	56.5	64.00000
		5.06	3.43	3.24	2.63	3.05	2.75	13.737	13
2:	15.28	-1	6.23	0.26	13.6		6	377.0	29
	5.44	13.11	11.31	10.07	8.84	7.78	6.66	58.6	0.03125
		4.55	3.86	3.08	2.43	1.70	1.09	4.502	12
3:	17.48	-18	7.79	0.15	12.9		6	377.0	33
	7.01	15.80	13.90	12.37	10.93	9.59	8.23	60.5	0.25000
		5.84	4.81	3.91	3.22	2.59	2.04	0.953	13
4:	9.31	-13	9.07	0.25	11.8		6	754.0	35
	8.14	18.51	16.25	14.50	12.76	11.13	9.57	84.2	0.03125
		6.73	5.50	4.44	3.50	2.71	2.04	3.821	13
5:	5.28	10	11.20	1.14	14.4		6	1256.7	33
	10.20	21.73	19.27	17.30	15.40	13.66	11.82	82.2	4.00000
		8.71	7.48	6.13	5.14	4.38	3.77	1.003	10
6:	6.01	12	10.89	0.53	12.4		6	1099.6	33
	9.96	22.63	19.75	17.47	15.37	13.42	11.49	84.1	0.25000
		8.18	6.55	5.37	4.51	3.56	2.93	1.643	13
7:	2.82	-5	13.19	2.70	12.8		6	1979.3	28
	12.14	26.98	23.48	20.98	18.59	16.35	13.80	101.1	0.25000
		10.34	8.36	7.04	5.96	4.78	4.06	0.873	6
8:	1.78	-2	10.68	4.22	11.3		6	3110.5	28
	9.96	25.45	21.68	18.25	15.99	12.90	10.94		99
		7.65	5.93	4.82	4.98	3.63	3.94		

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440N	420N ON	415N 440N	410N 10609N	400N 201	390N 4	380N 15:32:13	360N	340N	320N
1:	9.18	7	6.96	0.39	14.3		5	628.3	29
	5.19	14.58	11.69	11.83	10.16	7.74	8.12	53.1	4.00000
		4.89	5.98	3.68	1.69	3.26	1.96	14.313	12

D23_RAW.txt

2:	6.81	-3	8.38	0.43	13.3		5	942.5	32
		17.00	14.89	13.47	11.86	10.52	8.77	67.6	0.12500
	7.54	6.12	4.87	3.89	3.45	2.62	2.06	2.795	12
3:	8.85	-16	9.54	0.00	12.7		5	754.0	33
		19.58	17.25	15.34	13.47	11.78	10.10	78.0	0.12500
	8.47	7.07	5.82	4.80	3.87	3.13	2.52	0.940	13
4:	5.30	-12	10.27	0.15	11.7		5	1256.7	33
		21.00	18.49	16.40	14.32	12.72	10.89	102.0	0.01563
	9.13	7.62	6.19	4.63	3.62	2.37	2.58	8.580	13
5:	3.26	10	11.31	0.42	14.3		5	1885.0	31
		23.37	20.53	18.11	15.77	13.71	11.86	85.1	0.50000
	10.15	8.53	7.03	5.93	4.85	4.58	2.89	5.256	13
6:	4.02	12	10.89	0.12	12.2		5	1508.0	30
		23.54	20.63	18.21	15.80	13.56	11.60	136.7	0.00391
	9.56	7.93	6.49	5.06	3.81	3.04	2.33	4.016	13
7:	2.06	-6	11.26	0.36	13.0		5	2513.5	26
		25.31	22.16	18.57	16.21	14.16	12.17	117.8	0.01563
	9.69	8.10	7.16	6.11	4.65	3.85	2.12	9.330	13
8:	1.40	-1	13.53	1.89	11.6		5	3770.3	26
		27.22	24.06	21.25	18.51	15.42	14.57		
	11.75	9.10	7.11	2.55	-0.03	-1.22	-1.60		98

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	450N	440N ON	435N 450N	430N 10629N	420N 500	410N 4	400N 15:35:27	380N	360N	340N
1:	58.73		9	6.16	0.02	21.4		5	188.5	22
			12.90	11.11	9.80	8.61	7.64	6.57	46.7	0.50000
	5.37		4.49	4.00	3.02	2.57	2.19	1.73	2.809	13
2:	34.75		-15	6.99	0.04	17.7		5	377.0	26
			14.51	12.72	11.30	9.96	8.67	7.40	65.6	0.03125
	6.26		5.11	4.22	3.39	2.77	2.07	1.60	3.272	13
3:	36.97		13	8.70	0.10	17.7		5	377.0	28
			18.05	15.83	14.06	12.34	10.76	9.20	71.1	0.12500
	7.79		6.42	5.35	4.33	3.50	2.80	2.22	0.966	13
4:	21.13		2	9.42	0.13	14.7		5	754.0	32
			20.11	17.63	15.64	13.77	11.98	10.04	75.1	0.25000
	8.38		7.21	5.79	5.08	4.12	3.22	2.50	2.124	13
5:	13.23		-14	11.18	0.33	12.0		5	1256.7	33
			22.28	19.55	17.32	15.18	13.24	11.67	101.0	0.03125
	10.10		8.22	7.13	5.21	4.03	3.16	2.49	5.497	13
6:	14.25		-2	11.04	0.00	12.7		5	1099.6	31
			23.51	20.55	18.23	15.81	13.79	11.69	96.0	0.06250
	9.84		7.85	6.68	5.31	4.49	3.51	2.74	1.511	13
7:	7.43		8	11.82	0.00	18.5		5	1979.3	29
			25.33	22.12	19.64	17.06	14.88	12.51	120.0	0.01563
	10.57		7.86	7.09	4.87	4.84	3.62	2.77	5.230	13
8:	4.09		-0	11.29	0.57	13.0		5	3110.5	25
			24.51	21.06	18.45	16.18	13.64	11.99	105.9	0.03125
	9.85		9.18	7.16	5.25	3.83	3.55	2.36	5.944	12

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	460N	440N ON	435N 460N	430N 10629N	420N 500	410N 4	400N 15:38:12	380N	360N	340N
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D23_RAW.txt									
1:	22.08	7	7.00	1.11	20.3	5	628.3	28	
	6.09	16.86	14.96	11.78	10.95	10.66	8.06	72.9	0.03125
		5.73	4.74	4.12	2.85	2.82	2.26	6.428	8
2:	15.48	-12	9.21	0.13	17.3	5	942.5	29	
	8.29	18.88	16.56	14.89	12.98	11.18	9.66	75.0	0.12500
		6.82	5.63	4.55	3.75	2.95	2.41	1.121	13
3:	19.11	12	9.97	0.11	17.4	5	754.0	29	
	8.91	21.17	18.50	16.38	14.33	12.45	10.56	87.3	0.06250
		7.42	6.08	4.92	3.97	3.14	2.51	0.996	13
4:	12.45	1	10.43	0.15	14.5	5	1256.7	31	
	9.19	22.18	19.43	17.22	15.06	12.97	11.06	90.7	0.06250
		7.45	6.27	5.18	4.15	3.30	2.56	1.315	13
5:	8.42	-13	10.97	0.10	11.9	5	1885.0	32	
	9.96	23.40	20.39	17.95	15.66	13.69	11.58	95.7	0.06250
		8.45	6.69	5.33	4.27	3.42	2.72	2.157	13
6:	9.79	-2	10.93	0.01	12.5	5	1508.0	30	
	9.71	24.05	20.89	18.34	15.92	13.71	11.62	124.9	0.00781
		8.03	6.55	5.26	4.11	3.22	2.44	2.717	13
7:	5.51	8	11.12	1.26	18.3	5	2513.5	28	
	9.85	24.91	21.75	19.05	16.29	13.97	11.82	107.2	0.03125
		8.50	6.72	5.35	4.38	3.53	2.68	1.216	9
8:	3.23	-0	10.44	0.75	12.9	5	3770.3	24	
	9.61	24.19	19.93	16.53	15.32	13.97	11.40	94.3	0.06250
		7.08	7.07	5.63	4.16	3.03	3.33	5.673	11
* 470N 460N 455N 450N 440N 430N 420N 400N 380N 360N									
		ON	470N	10649N	474	4	15:41:32		
1:	49.14	2	6.50	0.14	12.4	5	188.5	20	
	5.20	12.32	10.99	9.81	8.40	7.53	6.82	56.1	0.03125
		4.25	3.62	2.78	2.49	1.54	1.48	6.683	13
2:	31.36	-9	7.29	0.11	12.2	5	377.0	25	
	6.54	15.18	13.23	11.71	10.39	9.11	7.73	55.6	0.50000
		5.50	4.50	3.75	3.09	2.58	2.08	1.588	13
3:	33.86	1	8.79	0.05	18.2	5	377.0	27	
	7.85	18.44	16.14	14.28	12.52	10.89	9.30	76.8	0.06250
		6.53	5.38	4.38	3.52	2.78	2.13	1.874	13
4:	19.15	-10	10.01	0.02	22.0	5	754.0	30	
	8.93	21.17	18.50	16.40	14.36	12.46	10.59	87.0	0.06250
		7.41	6.10	4.91	3.94	3.11	2.41	1.925	13
5:	11.08	14	10.53	0.00	17.8	5	1256.7	29	
	9.36	22.89	19.89	17.49	15.26	13.20	11.18	119.7	0.00781
		7.71	6.27	4.99	3.92	3.09	2.35	2.802	13
6:	13.30	-10	11.06	0.00	12.7	5	1099.6	31	
	9.83	23.74	20.77	18.27	15.82	13.78	11.72	113.6	0.01563
		8.11	6.61	5.27	4.23	3.31	2.60	1.957	13
7:	6.80	-6	11.67	0.44	18.4	5	1979.3	28	
	10.32	25.11	21.71	19.18	16.74	14.53	12.35	102.2	0.06250
		8.55	7.11	5.89	4.77	3.75	2.97	0.943	13
8:	4.08	14	11.36	0.40	18.5	5	3110.5	27	
	9.29	24.88	22.17	19.49	16.03	13.94	12.07	226.2	0.00024
		7.30	6.03	4.07	3.93	2.29	1.85	10.203	12

D23_RAW.txt

*	480N	460N ON	455N 480N	450N 10649N	440N 474	430N 4	420N 15:44:16	400N	380N	360N
1:	19.19		3	7.57	0.18	11.5		5	628.3	25
		17.34		15.35	13.41	12.29	9.84	7.34	89.7	0.00781
	7.77	4.65		5.05	3.53	2.51	2.45	2.01	9.904	13
2:	14.54		-8	8.85	0.00	11.8		5	942.5	29
		18.65		16.30	14.45	12.57	11.00	9.43	77.6	0.06250
	7.74	6.61		5.31	4.36	3.50	2.89	2.26	1.237	13
3:	18.22		1	9.75	0.05	17.8		5	754.0	29
		21.00		18.32	16.15	14.07	12.18	10.34	91.8	0.03125
	8.66	7.17		5.88	4.77	3.79	2.96	2.25	2.421	13
4:	11.63		-9	10.86	0.26	21.3		5	1256.7	31
		23.09		20.15	17.79	15.54	13.45	11.50	89.4	0.12500
	9.69	8.09		6.68	5.46	4.44	3.58	2.91	0.559	13
5:	7.27		13	10.43	0.00	17.6		5	1885.0	29
		23.51		20.43	17.80	15.53	13.41	11.12	150.9	0.00195
	9.20	7.57		6.12	4.91	3.80	3.04	2.24	2.998	13
6:	9.36		-10	11.00	0.48	12.5		5	1508.0	30
		24.09		20.97	18.42	16.04	13.76	11.66	104.2	0.03125
	9.80	8.06		6.58	5.31	4.24	3.43	2.73	0.833	13
7:	5.12		-6	11.07	1.19	18.5		5	2513.5	27
		25.71		22.41	19.75	17.41	15.17	11.70	131.9	0.00781
	9.83	8.15		6.62	5.36	4.28	3.41	2.75	2.684	9
8:	3.23		15	11.15	0.32	18.6		5	3770.3	26
		24.55		21.53	18.80	16.15	13.75	11.68	114.9	0.01563
	9.94	7.73		6.47	4.99	3.81	3.56	3.13	5.923	13

*	490N	480N ON	475N 490N	470N 10669N	460N 474	450N 4	440N 15:47:16	420N	400N	380N
1:	58.74		-1	6.33	0.81	9.3		6	188.5	23
		12.32		10.57	9.67	8.77	7.89	6.60	46.5	0.50000
	5.36	4.32		4.12	3.10	2.68	2.12	2.08	4.040	9
2:	30.02		-6	7.66	0.17	10.2		6	377.0	24
		16.56		14.45	12.82	11.20	9.66	8.18	97.8	0.00391
	6.81	5.63		4.76	3.70	2.91	2.17	1.51	6.194	13
3:	34.19		3	8.47	0.12	11.5		6	377.0	27
		18.02		15.72	13.88	12.13	10.54	8.97	74.6	0.06250
	7.54	6.27		5.15	4.20	3.39	2.72	2.16	0.650	13
4:	17.71		-7	9.33	0.17	13.9		6	754.0	28
		20.18		17.58	15.44	13.48	11.67	9.89	96.3	0.01563
	8.26	6.81		5.55	4.49	3.57	2.81	2.17	1.933	13
5:	10.98		2	10.48	0.13	19.7		6	1256.7	29
		22.79		19.77	17.35	15.10	13.11	11.13	107.7	0.01563
	9.33	7.73		6.37	5.04	4.00	3.08	2.36	2.945	13
6:	12.54		5	10.81	0.26	18.9		6	1099.6	29
		23.84		20.66	18.13	15.75	13.60	11.47	123.1	0.00781
	9.58	7.83		6.36	5.17	4.04	3.15	2.45	2.248	13
7:	6.79		-14	11.04	0.48	18.6		6	1979.3	28
		24.28		21.08	18.40	15.88	13.75	11.69	124.7	0.00781
	9.73	8.01		6.36	5.18	4.00	3.11	2.37	2.445	12

D23_RAW.txt									
8:	3.94	0	10.65	2.24	18.4	6	3110.5	26	
		23.33	19.88	17.38	15.40	13.30	11.27	93.5	0.06250
	9.01	6.92	5.37	4.80	3.47	2.54	1.93	1.096	6
*									
500N	480N	475N	470N	460N	450N	440N	420N	400N	380N
	ON	500N	10669N	318	4	15:50:26			
1:	15.24	1	7.45	0.25	8.6	5	628.3	30	
		18.20	15.60	13.78	11.62	9.34	8.20	91.6	0.00781
	7.19	5.05	4.60	4.44	2.86	2.87	1.57	10.053	13
2:	9.32	-6	10.01	0.00	9.7	5	942.5	28	
		20.02	17.61	15.60	13.81	12.21	10.60	76.4	0.25000
	8.97	7.59	6.29	5.08	4.35	3.17	2.32	4.606	13
3:	12.17	3	9.37	0.00	11.1	5	754.0	29	
		20.18	17.61	15.44	13.41	11.61	9.91	95.6	0.01563
	8.23	6.67	5.38	4.40	3.47	2.74	2.26	1.678	13
4:	7.13	-6	9.57	0.22	13.3	5	1256.7	28	
		21.22	18.59	16.32	14.07	12.14	10.15	110.4	0.00781
	8.45	6.94	5.62	4.50	3.65	2.84	2.32	1.318	13
5:	4.78	2	10.64	0.13	19.0	5	1885.0	28	
		23.28	20.35	17.89	15.53	13.41	11.31	121.7	0.00781
	9.41	7.77	6.31	5.08	4.04	3.17	2.41	2.301	13
6:	5.85	4	10.71	0.01	18.6	5	1508.0	28	
		23.92	20.91	18.36	15.74	13.52	11.41	122.6	0.00781
	9.45	7.67	6.24	5.07	4.02	3.09	2.51	1.655	13
7:	3.40	-14	10.41	0.32	18.8	5	2513.5	27	
		23.89	20.91	18.05	15.24	13.09	11.11	120.5	0.00781
	9.16	7.51	6.04	4.76	3.68	3.09	2.81	4.194	13
8:	2.07	1	9.74	0.13	18.5	5	3770.3	25	
		23.46	20.76	17.78	15.04	11.96	10.22	209.1	0.00024
	8.76	6.58	5.56	4.37	3.08	1.97	2.65	12.340	13
*									
510N	500N	495N	490N	480N	470N	460N	440N	420N	400N
	ON	510N	10689N	317	4	15:53:25			
1:	40.93	-1	5.77	0.34	9.7	6	188.5	24	
		10.92	9.08	8.62	7.85	6.64	5.98	46.5	0.06250
	4.71	4.13	3.33	2.48	1.83	1.70	1.33	6.538	11
2:	23.10	6	6.96	0.38	11.6	6	377.0	27	
		14.65	12.80	11.34	9.95	8.70	7.40	53.9	0.50000
	6.20	5.31	4.40	3.70	3.08	2.49	2.05	1.814	13
3:	24.17	-9	8.37	0.03	11.0	6	377.0	29	
		17.77	15.47	13.68	11.95	10.36	8.84	69.1	0.12500
	7.48	6.23	5.15	4.20	3.42	2.73	2.21	0.384	13
4:	13.02	-6	9.84	0.11	8.0	6	754.0	31	
		20.93	18.26	16.18	14.06	12.11	10.45	92.5	0.03125
	8.67	7.32	5.95	4.73	3.79	2.97	2.42	1.731	13
5:	7.32	3	10.08	0.26	9.9	6	1256.7	29	
		21.86	19.28	17.34	15.05	12.36	10.58	105.8	0.01563
	8.89	7.48	6.35	5.24	4.17	3.07	2.23	4.670	13
6:	7.90	-1	10.29	0.39	16.7	6	1099.6	27	
		23.31	20.39	17.90	15.57	13.02	11.11	94.2	0.06250
	8.58	8.15	6.47	5.43	4.31	3.55	2.87	3.560	13

D23_RAW.txt									
7:	4.24	-1	10.36	0.85	24.1		6	1979.3	26
		24.45	20.98	18.37	16.06	12.96	11.13	136.0	0.00391
	8.64	8.11	5.84	4.96	3.88	2.67	1.74	3.701	10
8:	2.61	-8	12.71	0.45	17.7		6	3110.5	26
		22.45	16.04	13.41	12.72	15.02	13.11	81.5	0.25000
	13.57	8.45	7.09	5.57	4.46	2.65	2.50	19.393	13
*									
520N	500N	495N	490N	480N	470N	460N	440N	420N	400N
	ON	520N	10689N	468	4	15:56:29			
1:	22.97	-0	8.66	1.20	8.7		5	628.3	31
		17.42	15.21	12.44	11.50	9.15	8.44	61.9	2.00000
	8.91	5.84	4.06	4.29	4.84	2.67	1.32	8.793	7
2:	15.45	6	8.98	0.11	10.8		5	942.5	31
		18.91	16.67	14.60	12.52	11.23	9.64	77.6	0.06250
	7.73	6.58	5.50	4.34	3.20	2.77	2.31	3.320	13
3:	18.87	-7	9.85	0.00	10.6		5	754.0	30
		21.13	18.42	16.22	14.16	12.31	10.44	85.9	0.06250
	8.74	7.23	5.90	4.74	3.80	3.09	2.53	1.273	13
4:	11.56	-6	10.09	0.30	7.8		5	1256.7	31
		22.25	19.43	17.07	14.81	12.72	10.72	128.4	0.00391
	8.96	7.45	5.91	4.73	3.71	2.89	2.15	3.500	13
5:	7.04	2	9.87	0.10	9.7		5	1885.0	28
		22.53	19.47	16.95	14.76	12.58	10.51	103.8	0.01563
	8.62	7.18	5.85	4.67	3.75	2.91	2.62	2.861	13
6:	8.20	-0	9.61	0.68	16.4		5	1508.0	26
		22.43	19.39	16.84	14.51	12.37	10.31	181.4	0.00049
	8.38	6.77	5.37	4.17	3.32	2.64	2.18	2.470	10
7:	4.74	-1	11.23	0.31	24.3		5	2513.5	25
		24.56	21.26	18.80	16.18	14.06	11.82	90.2	0.25000
	10.33	8.61	7.03	6.06	5.53	3.67	1.53	4.745	12
8:	3.08	-7	8.18	0.41	18.0		5	3770.3	25
		21.05	17.97	14.89	12.54	9.96	8.50	173.9	0.00024
	7.69	5.04	3.27	3.07	3.33	1.84	1.12	14.198	11
*									
530N	520N	515N	510N	500N	490N	480N	460N	440N	420N
	ON	530N	10709N	327	4	15:59:34			
1:	41.43	5	6.48	0.53	8.1		5	188.5	24
		13.47	11.29	10.18	9.18	8.21	6.87	59.5	0.03125
	5.77	4.43	3.72	2.77	2.36	1.92	1.81	4.646	10
2:	27.28	-4	7.50	0.12	12.7		5	377.0	31
		15.39	13.49	11.95	10.51	9.19	7.92	57.0	0.50000
	6.74	5.69	4.74	3.92	3.23	2.62	2.12	0.765	13
3:	28.03	-2	8.82	0.08	12.9		5	377.0	32
		18.55	16.20	14.31	12.54	10.90	9.32	77.0	0.06250
	7.88	6.56	5.41	4.39	3.52	2.77	2.13	1.910	13
4:	13.79	0	9.88	0.23	10.5		5	754.0	32
		21.17	18.49	16.29	14.25	12.35	10.47	93.2	0.03125
	8.81	7.27	5.97	4.82	3.86	3.02	2.36	1.719	13
5:	7.76	-4	10.16	0.28	9.7		5	1256.7	30
		22.71	19.75	17.34	14.94	12.82	10.82	212.8	0.00024
	8.95	7.31	5.86	4.53	3.46	2.54	1.84	7.061	13

D23_RAW.txt									
6:	8.45	-2	11.18	0.61	8.8		5	1099.6	28
		24.21	21.04	18.57	16.19	14.00	11.88	114.4	0.01563
	9.92	8.16	6.62	5.25	4.18	3.21	2.36	2.400	12
7:	4.10	-4	10.14	1.46	22.2		5	1979.3	25
		23.60	20.12	17.43	14.98	12.89	10.92	118.4	0.00781
	8.87	7.27	5.74	4.43	3.20	2.03	1.22	0.761	7
8:	2.53	5	11.78	1.14	24.2		5	3110.5	24
		25.05	21.50	19.36	16.19	14.84	12.36	92.2	0.25000
	10.44	8.82	7.64	6.19	5.22	4.37	3.30	2.118	10
*									
540N	520N	515N	510N	500N	490N	480N	460N	440N	420N
	ON	540N	10709N	327	4	16:02:38			
1:	13.58	5	12.27	6.21	7.6		6	628.3	26
		18.82	15.68	16.22	17.04	13.68	11.31		
	11.55	8.06	5.52	3.71	3.06	3.40	4.54		99
2:	10.67	-3	8.41	0.42	11.8		6	942.5	31
		18.63	16.26	14.20	12.31	10.78	9.02	81.7	0.03125
	7.44	6.27	5.30	4.24	3.30	2.68	1.93	1.419	12
3:	12.80	-2	9.58	0.06	12.4		6	754.0	30
		21.08	18.28	16.01	13.92	12.02	10.18	109.4	0.00781
	8.49	6.99	5.73	4.56	3.59	2.79	2.15	2.544	13
4:	7.28	1	10.29	0.17	10.3		6	1256.7	28
		22.51	19.61	17.25	14.99	12.99	10.91	130.4	0.00391
	9.09	7.42	6.05	4.82	3.79	2.92	2.25	3.020	13
5:	4.55	-4	10.33	0.25	9.5		6	1885.0	26
		23.28	20.16	17.67	15.22	13.13	11.05	219.9	0.00024
	9.14	7.49	5.93	4.60	3.62	2.73	2.06	4.771	13
6:	5.42	-2	10.18	0.24	8.7		6	1508.0	25
		22.83	19.78	17.32	15.09	13.03	10.86	212.9	0.00024
	8.97	7.23	5.78	4.50	3.36	2.52	1.90	6.606	13
7:	2.90	-4	9.22	1.53	22.1		6	2513.5	22
		21.85	18.67	16.36	13.96	11.79	9.90	121.6	0.00391
	8.07	6.27	4.80	3.58	2.70	2.31	2.10	0.719	7
8:	1.91	5	10.25	3.95	24.1		6	3770.3	22
		20.24	17.63	16.34	15.28	12.27	10.62		
	8.93	6.16	3.75	2.23	0.96	0.89	1.32		99
*									
550N	540N	535N	530N	520N	510N	500N	480N	460N	440N
	ON	550N	10729N	327	4	16:08:58			
1:	45.02	-7	6.01	0.23	8.4		6	188.5	26
		16.16	12.92	10.75	12.79	7.53	7.20	60.7	0.12500
	6.31	6.79	4.57	3.63	2.98	2.60	1.75	11.839	13
2:	24.83	0	8.11	0.18	10.7		6	377.0	29
		16.68	14.84	13.19	11.08	10.06	8.52	69.9	0.06250
	7.12	5.73	4.90	3.94	3.19	2.46	2.03	1.794	13
3:	24.87	6	8.92	0.17	8.6		6	377.0	29
		19.41	16.90	14.88	12.93	11.18	9.47	101.9	0.00781
	7.92	6.52	5.33	4.28	3.38	2.63	1.96	3.123	13
4:	12.14	-10	9.41	0.34	24.3		6	754.0	28
		20.86	18.06	15.84	13.87	11.89	10.02	120.1	0.00391
	8.40	6.89	5.57	4.32	3.36	2.61	2.21	3.177	13

D23_RAW.txt

5:	7.43	8	10.31	1.05	25.4		6	1256.7	29
		23.13	19.93	17.50	15.16	13.15	10.98	107.8	0.01563
	9.24	7.35	6.02	5.10	4.04	3.07	2.05	1.288	9
6:	7.66	0	10.26	1.09	7.6		6	1099.6	26
		23.34	20.25	17.58	15.19	13.02	10.99	108.4	0.01563
	9.18	7.61	6.07	4.66	3.63	2.66	2.04	0.693	9
7:	3.91	-7	9.73	1.49	15.9		6	1979.3	24
		23.01	19.76	17.10	14.94	12.48	10.42	128.4	0.00391
	8.59	7.30	6.01	4.00	2.88	2.10	2.63	0.831	7
8:	2.25	4	9.74	1.96	22.6		6	3110.5	21
		25.90	21.43	18.14	15.98	13.30	10.92		
	9.74	9.71	7.45	4.97	3.91	1.55	-0.37		98

*

	560N	540N ON	535N 560N	530N 10729N	520N 327	510N 4	500N 16:12:03	480N	460N	440N
1:	16.62		-6	16.49	1.06	8.4		6	628.3	32
			21.69	18.15	20.57	12.43	5.66	14.56	84.9	32.00000
	11.36		5.63	6.56	9.00	3.13	3.91	4.30	40.997	10
2:	10.77		0	9.20	0.26	10.6		6	942.5	31
			21.27	18.62	16.00	14.33	12.82	10.05	123.9	0.00391
	8.51		7.36	5.78	4.32	3.78	2.75	2.10	4.597	13
3:	12.64		6	10.08	0.01	8.6		6	754.0	29
			22.49	19.52	17.08	14.77	12.76	10.72	115.5	0.00781
	8.92		7.32	5.92	4.77	3.81	2.96	2.28	2.005	13
4:	7.14		-10	10.37	0.15	22.6		6	1256.7	27
			22.53	19.60	17.28	14.98	12.91	11.03	98.0	0.03125
	9.23		7.54	6.19	5.00	3.92	3.24	2.60	1.187	13
5:	4.74		8	10.35	0.27	23.7		6	1885.0	27
			23.63	20.41	17.77	15.34	13.29	11.04	222.0	0.00024
	9.18		7.62	6.13	4.71	3.84	2.68	1.97	6.344	13
6:	5.31		-0	10.89	0.51	7.6		6	1508.0	25
			23.18	20.07	17.71	15.33	13.17	11.49	89.1	0.12500
	9.66		7.89	6.60	5.33	4.23	3.62	3.17	3.545	13
7:	2.94		-7	9.69	1.25	16.0		6	2513.5	23
			22.53	19.42	16.98	14.48	12.33	10.17	141.1	0.00195
	8.54		6.62	5.08	3.94	2.76	2.14	1.63	1.705	8
8:	1.79		5	10.96	1.57	22.6		6	3770.3	21
			21.61	18.63	17.89	13.14	9.74	11.82	78.8	0.25000
	9.92		6.39	6.52	5.38	2.76	2.75	3.18	12.527	7

*

	570N	560N ON	555N 570N	550N 10749N	540N 327	530N 4	520N 16:15:25	500N	480N	460N
1:	33.97		15	4.60	2.20	8.6		6	188.5	20
			15.24	12.39	10.84	11.53	8.31	4.98		
	5.44		5.07	3.10	3.22	2.57	2.40	0.73		99
2:	21.25		-17	7.42	0.44	10.3		6	377.0	24
			15.96	13.92	12.14	10.44	9.13	7.85	103.1	0.00195
	6.43		5.01	4.17	3.05	2.47	2.16	1.38	4.210	11
3:	23.06		5	8.93	0.14	7.8		6	377.0	27
			19.70	17.06	14.96	12.96	11.19	9.47	102.6	0.00781
	7.92		6.53	5.37	4.34	3.38	2.66	2.00	2.666	13

D23_RAW.txt									
4:	14.42	-11	10.49	0.06	8.1		6	754.0	33
		23.44	20.37	17.91	15.53	13.33	11.16	134.3	0.00391
	9.30	7.60	6.09	4.94	3.89	3.04	2.35	2.277	13
5:	7.59	9	10.72	0.07	8.3		6	1256.7	29
		23.89	20.72	18.09	15.59	13.43	11.39	122.6	0.00781
	9.53	7.71	6.29	5.04	3.93	3.15	2.58	1.630	13
6:	7.94	1	10.22	0.31	7.4		6	1099.6	27
		22.99	19.92	17.43	15.25	13.09	10.86	108.0	0.01563
	8.97	7.57	6.12	4.88	3.95	3.31	2.59	1.575	13
7:	3.91	-5	9.09	0.76	13.7		6	1979.3	24
		22.27	19.10	16.43	14.19	11.97	9.76	202.5	0.00024
	7.94	6.69	5.16	4.00	3.14	2.72	1.92	2.352	10
8:	2.31	-1	7.91	1.96	14.8		6	3110.5	22
		20.92	17.01	14.89	14.74	11.84	8.25	76.0	0.25000
	6.16	7.54	4.92	2.52	2.55	3.50	1.48	4.913	5

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	580N	560N ON	555N 580N	550N 10749N	540N 327	530N 4	520N 16:18:49	500N	480N	460N
1:	12.50		12	8.98	1.81	7.5		6	628.3	24
			18.13	15.48	10.21	5.10	3.55	8.73		
	13.57		16.67	8.21	2.93	-2.86	2.16	3.24		98
2:	9.52	-15	9.25	0.50	9.4		6	942.5	27	
		20.21	17.58	15.44	13.86	11.98	9.84	88.0	0.03125	
	7.86	5.91	5.25	4.60	3.92	3.04	2.40	5.363	12	
3:	12.04	4	9.84	0.30	8.0		6	754.0	28	
		22.23	19.31	16.82	14.63	12.53	10.49	126.5	0.00391	
	8.65	7.12	5.68	4.53	3.79	2.91	2.18	2.297	13	
4:	8.61	-12	11.64	0.35	7.9		6	1256.7	33	
		25.17	21.96	19.22	16.65	14.38	12.29	109.1	0.03125	
	10.42	8.55	6.82	5.57	4.44	3.54	2.89	1.384	13	
5:	4.90	9	10.46	0.20	8.2		6	1885.0	28	
		24.18	20.98	18.24	15.68	13.45	11.17	225.8	0.00024	
	9.20	7.39	6.19	4.77	3.82	2.86	2.07	4.408	13	
6:	5.56	1	9.85	0.68	7.4		6	1508.0	26	
		22.53	19.48	16.78	14.58	12.57	10.47	126.8	0.00391	
	8.68	7.12	5.59	4.46	3.35	2.69	2.01	1.801	10	
7:	2.96	-5	9.08	1.11	14.0		6	2513.5	23	
		21.41	18.44	15.55	13.58	11.65	9.65	118.7	0.00391	
	7.99	6.44	5.01	3.96	2.82	2.27	1.71	0.991	8	
8:	1.85	-1	8.63	2.67	15.0		6	3770.3	21	
		20.64	18.24	13.12	10.33	9.22	8.23			
	10.33	8.94	4.15	2.64	0.48	2.80	1.58		99	

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	590N	580N ON	575N 590N	570N 10769N	560N 449	550N 4	540N 16:22:13	520N	500N	480N
1:	56.00		10	6.32	0.22	10.5		5	188.5	24
			11.65	9.53	8.77	8.81	7.54	6.59	45.7	8.00000
	5.22		4.71	3.49	2.98	2.81	2.77	1.82	8.489	13
2:	30.75	-13	7.75	0.08	10.9		5	377.0	26	
		16.55	14.54	12.84	11.12	9.74	8.17	73.7	0.03125	
	6.98	5.72	4.66	3.72	2.99	2.37	1.97	1.620	13	

D23_RAW.txt									
3:	31.26	2	8.92	0.06	8.7		5	377.0	26
	7.90	19.65	17.07	14.99	13.00	11.21	9.47	102.0	0.00781
		6.49	5.28	4.22	3.33	2.60	2.02	2.232	13
4:	15.33	-8	9.82	0.04	6.5		5	754.0	26
	8.69	21.83	18.95	16.57	14.37	12.34	10.44	112.6	0.00781
		7.16	5.78	4.65	3.72	2.92	2.23	1.885	13
5:	9.67	8	10.59	0.31	6.9		5	1256.7	27
	9.39	23.82	20.64	18.04	15.55	13.40	11.27	152.7	0.00195
		7.70	6.27	4.91	3.85	2.99	2.35	2.738	13
6:	12.11	-2	11.15	0.11	6.0		5	1099.6	30
	9.88	24.89	21.55	18.83	16.37	14.08	11.84	158.7	0.00195
		8.04	6.44	5.13	4.04	3.03	2.37	3.528	13
7:	5.54	-3	10.27	0.06	13.0		5	1979.3	24
	8.86	23.04	19.82	17.14	14.95	12.98	10.97	116.7	0.00781
		7.24	5.71	4.58	3.74	3.05	2.60	2.932	13
8:	3.16	0	9.81	0.42	13.7		5	3110.5	22
	8.35	20.69	17.02	14.73	13.00	11.45	10.64	82.4	0.06250
		7.37	5.54	4.72	3.99	2.74	1.87	5.147	12

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600N	580N ON	575N 600N	570N 10769N	560N 384	550N 4	540N 16:25:04	520N	500N	480N
1:	16.61	10	8.47	0.23	10.2		6	628.3	27
	7.04	20.80	16.33	14.74	11.90	9.64	8.55	81.0	0.03125
		6.08	4.82	4.13	3.46	2.52	2.52	7.415	13
2:	11.23	-13	9.46	0.04	10.8		6	942.5	28
	8.41	20.55	18.03	15.87	13.82	11.98	10.14	107.8	0.00781
		6.97	5.64	4.44	3.50	2.79	2.05	3.503	13
3:	13.47	3	10.02	0.13	8.8		6	754.0	26
	8.88	22.41	19.42	17.01	14.75	12.68	10.67	128.1	0.00391
		7.28	5.93	4.70	3.70	2.86	2.20	2.757	13
4:	7.66	-7	10.30	0.25	6.4		6	1256.7	25
	9.07	23.09	20.02	17.46	15.13	12.96	10.94	107.2	0.01563
		7.52	6.12	4.93	3.97	3.10	2.48	0.972	13
5:	5.26	6	10.78	0.51	6.9		6	1885.0	26
	9.56	24.38	21.14	18.46	15.92	13.69	11.46	113.0	0.01563
		7.89	6.48	5.28	4.11	3.26	2.45	1.138	12
6:	7.13	-2	10.94	0.36	6.0		6	1508.0	28
	9.64	24.88	21.43	18.71	16.14	13.80	11.61	125.6	0.00781
		7.88	6.33	5.12	4.10	3.24	2.60	1.040	13
7:	3.54	-3	9.86	1.12	13.2		6	2513.5	23
	8.77	22.84	19.44	16.99	14.54	12.62	10.46	115.1	0.00781
		7.16	5.85	4.88	4.00	3.18	2.68	0.619	9
8:	2.14	2	9.24	1.52	13.9		6	3770.3	21
	7.78	22.35	18.87	16.67	13.79	11.14	9.51	199.4	0.00024
		7.22	6.06	5.40	4.81	3.57	3.43	1.814	7

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610N	600N ON	595N 610N	590N 10789N	580N 384	570N 4	560N 16:28:23	540N	520N	500N
1:	45.52	8	6.79	0.24	8.8		5	188.5	22
	6.45	13.52	11.85	10.13	9.21	8.17	6.18	50.0	0.50000
		4.63	5.02	3.76	2.86	1.89	1.03	9.904	12

D23_RAW.txt									
2:	26.46	-14	7.85	0.09	9.8		5	377.0	26
	6.86	16.77	14.61	12.89	11.31	9.73	8.33	88.6	0.00781
		5.75	4.55	3.65	2.79	2.24	1.80	2.934	13
3:	27.99	3	9.35	0.00	10.6		5	377.0	27
	8.28	20.40	17.70	15.56	13.55	11.72	9.92	96.9	0.01563
		6.84	5.56	4.52	3.60	2.83	2.21	1.519	13
4:	14.22	-5	10.52	0.00	9.6		5	754.0	28
	9.33	23.04	20.03	17.57	15.28	13.19	11.17	99.6	0.03125
		7.73	6.32	5.10	4.09	3.23	2.56	1.058	13
5:	7.97	1	10.62	0.00	7.4		5	1256.7	26
	9.27	23.88	20.55	17.93	15.55	13.48	11.38	152.1	0.00195
		7.69	6.17	4.90	3.89	3.01	2.24	3.270	13
6:	8.54	-1	10.86	0.17	8.8		5	1099.6	24
	9.76	24.10	20.90	18.36	15.96	13.74	11.48	113.1	0.01563
		7.97	6.50	5.21	4.15	3.19	2.73	1.871	13
7:	5.20	-4	11.89	0.26	15.2		5	1979.3	27
	10.96	25.65	22.49	19.81	17.20	14.96	12.36	92.7	0.50000
		9.23	7.76	6.61	5.55	4.48	3.47	2.912	13
8:	2.77	3	13.14	0.58	13.5		5	3110.5	22
	11.68	24.05	20.43	18.45	17.85	14.38	12.81	97.0	16.00000
		10.03	8.76	7.41	5.49	4.73	4.53	5.228	13

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620N	600N ON	595N 620N	590N 10789N	580N 239	570N 4	560N 16:31:00	540N	520N	500N
1:	9.73	9	14.11	6.87	8.3		6	628.3	26
	9.53	18.90	15.41	7.93	11.93	12.35	12.36		99
		4.95	1.49	3.86	-0.70	0.64	-2.21		
2:	6.94	-12	9.76	0.38	9.4		6	942.5	27
	8.58	22.18	19.63	17.57	15.37	12.40	10.42	96.4	0.03125
		7.35	6.06	4.72	4.10	2.99	2.74	3.935	13
3:	8.69	2	10.43	0.29	10.6		6	754.0	27
	9.20	23.40	20.27	17.75	15.34	13.19	11.10	192.9	0.00049
		7.52	6.07	4.80	3.70	2.78	2.06	4.957	13
4:	5.09	-5	10.61	0.38	9.4		6	1256.7	27
	9.42	24.51	21.29	18.62	16.19	13.47	11.25	226.0	0.00024
		7.57	6.04	4.74	3.68	2.79	2.01	5.507	13
5:	3.12	2	10.73	0.17	7.3		6	1885.0	25
	9.32	24.78	21.61	19.19	16.13	13.49	11.40	232.6	0.00024
		7.60	6.66	5.09	3.94	2.72	2.23	5.309	13
6:	3.64	-2	9.94	1.69	8.8		6	1508.0	23
	8.78	24.96	21.92	19.07	15.36	12.76	10.60	225.2	0.00024
		6.87	5.40	4.13	2.77	1.84	1.11	2.204	7
7:	2.40	-4	11.26	0.47	15.5		6	2513.5	25
	10.06	22.25	18.87	15.97	14.18	13.90	11.92	106.1	0.01563
		7.91	6.25	5.03	3.65	2.64	0.91	8.934	12
8:	1.35	4	10.09	4.57	13.7		6	3770.3	21
	8.40	21.64	18.52	13.86	12.48	11.73	10.41		99
		5.12	3.70	4.80	2.08	2.81	0.04		

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620N	600N ON	595N 620N	590N 10789N	580N 239	570N 4	560N 16:33:19	540N	520N	500N

D23_RAW.txt									
1:	9.74	9	10.54	0.78	8.2		6	628.3	26
		18.89	15.67	16.85	7.80	8.30	11.95	147.0	4096.00000
	9.66	6.09	7.05	5.92	6.45	3.77	1.14	25.167	11
2:	6.93	-12	9.30	0.26	9.3		6	942.5	27
		22.05	19.16	16.82	14.94	12.56	10.17	160.4	0.00098
	8.55	7.07	5.89	4.37	3.34	2.71	2.24	3.719	13
3:	8.69	2	10.37	0.22	10.5		6	754.0	27
		23.44	20.27	17.78	15.29	13.16	11.05	192.5	0.00049
	9.17	7.48	6.02	4.76	3.72	2.79	2.05	4.807	13
4:	5.09	-5	10.60	0.52	9.3		6	1256.7	27
		24.08	20.86	18.23	15.79	13.56	11.31	153.3	0.00195
	9.39	7.74	6.20	4.85	3.67	3.05	2.11	2.901	12
5:	3.12	2	9.95	0.63	7.2		6	1885.0	25
		23.90	20.61	17.94	15.37	12.99	10.76	217.4	0.00024
	8.63	7.02	5.44	4.20	3.02	1.98	1.64	3.362	10
6:	3.64	-2	9.55	0.58	8.8		6	1508.0	23
		23.02	19.59	16.99	14.23	12.13	10.13	201.2	0.00024
	8.21	6.22	4.93	3.53	2.49	1.55	0.90	6.726	10
7:	2.39	-4	10.54	4.26	15.9		6	2513.5	25
		23.34	19.65	17.46	14.20	12.57	10.78		
	9.36	7.29	6.26	5.31	3.82	1.88	-0.36		99
8:	1.35	4	11.31	5.18	14.2		6	3770.3	21
		22.89	19.94	14.91	7.98	9.40	9.97		
	8.44	4.56	4.59	3.54	3.89	1.53	1.60		99

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	630N	620N ON	615N 630N	610N 10809N	600N 422	590N 4	580N 16:36:34	560N	540N	520N
1:	51.16	13	7.05	0.37	11.2		5	188.5	23	
		17.22	15.27	12.33	11.91	9.71	7.48	88.0	0.00781	
	6.31	5.74	4.23	3.53	2.80	2.53	1.51	5.190	12	
2:	31.06	-15	9.16	0.06	11.4		5	377.0	28	
		19.59	17.04	15.28	13.25	11.43	9.69	86.5	0.03125	
	8.22	6.77	5.43	4.38	3.52	2.78	2.25	1.616	13	
3:	31.84	5	10.07	0.15	11.0		5	377.0	28	
		22.37	19.40	17.02	14.76	12.72	10.71	116.3	0.00781	
	8.92	7.35	6.07	4.89	3.89	3.05	2.29	2.239	13	
4:	15.90	-5	10.94	0.04	9.3		5	754.0	28	
		24.29	21.11	18.49	16.01	13.80	11.65	176.9	0.00098	
	9.69	7.96	6.47	4.86	3.86	2.97	2.31	4.073	13	
5:	9.45	3	10.69	0.08	9.5		5	1256.7	28	
		24.80	21.38	18.67	15.96	13.63	11.40	226.6	0.00024	
	9.38	7.57	6.09	4.82	3.74	2.75	1.96	6.177	13	
6:	9.93	-3	11.10	0.00	7.3		5	1099.6	26	
		24.90	21.71	18.96	16.33	14.03	11.75	179.7	0.00098	
	9.88	8.11	6.55	4.94	3.92	3.03	2.27	4.360	13	
7:	4.86	-2	10.01	0.22	12.0		5	1979.3	23	
		23.13	19.72	16.86	14.45	12.72	10.61	84.5	0.12500	
	8.85	7.08	5.63	5.37	4.29	3.46	2.93	5.380	13	
8:	3.41	1	10.62	0.09	12.3		5	3110.5	25	
		26.27	22.66	19.17	17.45	14.05	11.16	235.3	0.00024	
	9.72	7.15	6.09	4.72	3.65	3.88	1.94	10.157	13	

D23_RAW.txt

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	640N	620N ON	615N 640N	610N 10809N	600N 422	590N 4	580N 16:39:16	560N	540N	520N
1:	19.14	12	10.43	1.41	10.6		6	628.3	28	
	9.23	21.54	18.84	18.38	13.68	11.77	10.49	78.3	0.50000	
		8.01	7.14	5.16	3.85	3.24	3.20	6.196	9	
2:	13.72	-14	11.77	0.93	11.0		6	942.5	31	
	10.49	25.08	21.80	19.05	16.96	14.60	12.36	96.1	0.12500	
		8.71	7.24	5.81	4.72	3.87	3.04	0.958	11	
3:	16.29	5	10.83	0.35	10.9		6	754.0	29	
	9.54	24.64	21.34	18.62	16.08	13.76	11.53	201.8	0.00049	
		7.76	6.24	4.94	3.85	2.95	2.27	3.371	13	
4:	9.31	-4	14.25	3.46	9.1		6	1256.7	28	
	12.99	28.31	24.96	22.18	19.60	17.30	15.02	103.8	0.50000	
		11.20	9.71	8.39	7.29	6.34	5.65	0.532	5	
5:	6.05	2	11.96	0.82	9.3		6	1885.0	27	
	10.60	25.91	22.55	19.71	17.27	14.83	12.64	104.9	0.06250	
		8.77	7.28	5.94	4.88	4.09	3.31	0.639	11	
6:	6.90	-2	11.73	1.42	7.3		6	1508.0	25	
	10.55	25.25	22.05	19.50	16.80	14.63	12.48	97.3	0.12500	
		8.82	7.41	6.26	5.17	4.22	3.56	0.762	9	
7:	3.68	-4	7.74	0.96	12.1		6	2513.5	22	
	6.64	20.40	17.35	14.87	12.33	10.20	8.36	176.2	0.00024	
		5.08	3.89	2.93	2.04	1.37	0.74	4.766	8	
8:	2.72	2	11.50	1.46	12.4		6	3770.3	24	
	10.81	24.33	21.74	20.30	15.61	14.52	12.25	88.6	2.00000	
		8.97	8.15	7.42	6.13	4.77	4.63	6.029	10	

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	650N	640N ON	635N 650N	630N 10829N	620N 422	610N 4	600N 16:42:23	580N	560N	540N
1:	58.50	22	7.82	0.00	10.7		3	188.5	26	
	7.15	16.06	14.63	12.40	10.19	9.20	7.81	70.4	0.03125	
		5.20	4.13	3.42	3.04	2.05	2.07	6.520	13	
2:	31.99	-26	8.71	0.00	13.0		3	377.0	29	
	7.73	19.14	16.58	14.66	12.86	11.06	9.33	84.0	0.03125	
		6.59	5.36	4.31	3.42	2.80	2.15	1.380	13	
3:	35.90	7	9.96	0.00	12.5		3	377.0	32	
	8.81	22.12	19.18	16.87	14.61	12.58	10.60	127.0	0.00391	
		7.22	5.85	4.68	3.68	2.85	2.17	2.871	13	
4:	19.82	-4	11.52	0.00	9.2		3	754.0	35	
	10.22	25.28	21.96	19.28	16.73	14.44	12.21	101.7	0.06250	
		8.46	6.91	5.65	4.54	3.74	3.15	1.985	13	
5:	11.18	6	10.86	0.00	7.9		3	1256.7	33	
	9.56	25.16	21.67	18.83	16.22	13.85	11.61	222.8	0.00024	
		7.81	6.14	4.73	3.51	2.55	1.59	12.842	13	
6:	11.86	-2	10.93	0.00	8.9		3	1099.6	31	
	9.76	24.79	21.51	18.79	16.17	13.88	11.62	140.6	0.00391	
		7.89	6.45	5.12	4.06	3.18	2.51	1.716	13	
7:	5.92	-4	9.55	0.00	13.2		3	1979.3	28	
	8.33	22.68	19.54	16.83	14.41	12.17	10.19	191.3	0.00024	
		6.25	5.04	3.90	2.77	1.92	1.52	13.591	13	

D23_RAW.txt									
8:	3.40	2	9.21	0.00	11.8	3	3110.5	25	
	22.08		19.91	16.75	13.82	12.00	9.92 102.1	0.01563	
	9.67	6.32	6.03	4.98	3.71	2.52	2.74	8.593	13
*									
650N	640N	635N	630N	620N	610N	600N	580N	560N	540N
	ON	650N	10829N	500	4	16:43:59			
1:	58.52	22	8.72	1.44	10.5	5	188.5	22	
	16.03		13.97	12.30	11.24	10.07	9.32	66.5	16.00000
	6.58	5.71	4.73	4.02	2.68	2.30	1.46	2.907	6
2:	31.98	-26	8.42	0.18	12.8	5	377.0	24	
	19.08		16.55	14.56	12.48	10.71	8.94 109.6	0.00391	
	7.62	6.20	5.02	3.96	3.15	2.43	1.99	2.088	13
3:	35.91	8	10.03	0.02	12.3	5	377.0	27	
	22.16		19.27	16.92	14.67	12.63	10.66 114.9	0.00781	
	8.87	7.30	5.94	4.77	3.78	2.97	2.30	1.876	13
4:	19.82	-5	11.12	0.03	9.0	5	754.0	30	
	25.05		21.71	19.05	16.44	14.10	11.85 159.3	0.00195	
	9.82	8.04	6.52	5.16	4.03	3.07	2.35	3.490	13
5:	11.18	5	11.56	0.02	7.8	5	1256.7	28	
	25.79		22.36	19.57	16.87	14.53	12.24 146.3	0.00391	
	10.23	8.37	6.75	5.30	4.20	3.31	2.52	2.715	13
6:	11.86	-1	10.98	0.00	8.8	5	1099.6	26	
	24.82		21.41	18.59	16.20	13.93	11.78 140.8	0.00391	
	9.69	7.92	6.48	5.17	4.07	3.25	2.45	2.150	13
7:	5.92	-5	10.32	0.11	13.3	5	1979.3	23	
	23.44		20.14	17.43	15.14	13.19	11.08 220.5	0.00024	
	8.99	7.43	6.16	5.12	3.56	2.77	1.90	7.200	13
8:	3.40	2	11.33	0.82	11.9	5	3110.5	21	
	21.14		19.25	15.59	14.23	13.34	11.63 88.6	0.06250	
	9.00	7.42	6.11	4.71	3.13	2.68	1.32	4.729	10
*									
660N	640N	635N	630N	620N	610N	600N	580N	560N	540N
	ON	660N	10829N	500	4	16:46:37			
1:	22.12	21	11.37	0.43	10.1	5	628.3	28	
	25.02		20.31	17.77	15.57	12.59	14.46 214.1	0.00024	
	7.32	5.24	5.89	3.28	4.20	1.39	1.10	19.275	11
2:	14.42	-26	10.11	0.01	12.7	5	942.5	27	
	22.16		19.47	17.18	15.00	12.97	10.49 106.1	0.01563	
	9.25	7.70	6.07	4.96	3.81	3.15	2.42	2.467	13
3:	18.51	9	10.90	0.08	12.2	5	754.0	28	
	24.40		21.15	18.56	16.03	13.78	11.59 139.7	0.00391	
	9.65	7.91	6.44	5.18	4.06	3.17	2.45	2.207	13
4:	11.63	-6	11.38	0.08	8.9	5	1256.7	29	
	25.62		22.28	19.47	16.84	14.52	12.13 163.9	0.00195	
	10.04	8.20	6.62	5.29	4.11	3.27	2.52	2.372	13
5:	7.14	5	11.27	0.15	7.8	5	1885.0	27	
	25.34		21.90	19.14	16.54	14.18	11.93 117.5	0.01563	
	9.92	8.15	6.61	5.31	4.29	3.56	2.86	1.402	13
6:	8.26	0	10.42	0.40	8.7	5	1508.0	25	
	23.82		20.52	17.87	15.49	13.16	11.16 133.7	0.00391	
	9.08	7.38	6.13	4.77	3.82	3.07	2.41	1.411	13

D23_RAW.txt									
7:	4.48	-5	9.54	0.35	13.5		5	2513.5	23
	7.93	21.97	18.78	16.41	14.25	11.74	10.30	199.8	0.00024
		6.63	5.40	4.13	3.36	2.07	1.63	7.626	12
8:	2.72	2	9.71	0.55	12.1		5	3770.3	21
	7.10	21.47	17.91	15.50	14.90	11.38	11.23	188.8	0.00024
		4.75	5.46	3.33	2.79	2.50	1.76	13.687	11
*									
670N	660N ON	655N 670N	650N 10849N	640N 621	630N 4	620N 16:50:51	600N 	580N	560N
1:	81.03	-9	6.87	0.09	8.4		5	188.5	25
	5.28	14.11	12.13	11.14	9.92	7.07	7.21	130.1	0.00024
		4.79	3.25	2.19	2.17	1.73	1.05	12.014	13
2:	43.47	-4	8.18	0.06	12.7		5	377.0	26
	7.30	17.85	15.54	13.69	11.89	10.44	8.74	78.5	0.03125
		6.06	4.94	4.01	3.21	2.58	2.00	1.125	13
3:	48.39	4	9.63	0.06	10.7		5	377.0	29
	8.55	21.21	18.42	16.19	14.06	12.15	10.23	110.0	0.00781
		7.01	5.71	4.57	3.64	2.80	2.15	2.598	13
4:	23.20	-10	10.95	0.13	9.1		5	754.0	28
	9.72	24.33	21.12	18.53	16.09	13.80	11.63	124.8	0.00781
		8.01	6.42	5.16	3.99	3.19	2.51	2.220	13
5:	13.49	13	11.14	0.05	12.2		5	1256.7	27
	9.86	25.09	21.75	18.96	16.38	14.11	11.86	142.8	0.00391
		8.12	6.58	5.25	4.15	3.22	2.52	2.046	13
6:	15.22	-2	10.91	0.16	10.4		5	1099.6	27
	9.59	24.92	21.53	18.83	16.28	13.81	11.60	203.5	0.00049
		7.81	6.29	5.01	3.93	2.97	2.27	3.389	13
7:	7.51	-3	9.58	0.19	14.7		5	1979.3	24
	8.35	22.88	19.46	16.97	14.68	12.53	10.26	207.3	0.00024
		6.92	5.51	4.41	3.66	2.50	1.74	7.063	13
8:	4.38	-0	10.03	0.38	13.3		5	3110.5	22
	8.39	20.77	17.74	15.32	12.74	10.61	9.81	147.3	0.00098
		7.35	5.12	4.25	3.20	2.15	2.01	8.018	13
*									
680N	660N ON	655N 680N	650N 10849N	640N 621	630N 4	620N 16:53:26	600N 	580N	560N
1:	29.45	-7	9.50	0.24	8.2		5	628.3	30
	8.52	20.11	17.10	13.92	14.84	10.03	10.07	131.5	0.00195
		7.76	5.78	4.97	3.43	2.89	1.29	18.640	13
2:	19.02	-3	9.59	0.05	12.5		5	942.5	29
	8.52	21.13	18.38	16.30	13.94	12.18	10.22	99.6	0.01563
		6.97	5.75	4.54	3.65	2.92	2.24	1.732	13
3:	24.50	3	10.54	0.06	10.6		5	754.0	30
	9.35	23.29	20.25	17.81	15.43	13.28	11.20	109.3	0.01563
		7.71	6.28	5.05	4.04	3.20	2.47	1.516	13
4:	13.41	-10	10.99	0.06	8.7		5	1256.7	27
	9.73	24.71	21.49	18.77	16.23	13.90	11.69	158.3	0.00195
		7.99	6.48	5.11	4.00	3.13	2.38	2.896	13
5:	8.50	13	11.05	0.03	11.9		5	1885.0	26
	9.79	24.82	21.47	18.71	16.13	13.97	11.73	114.8	0.01563
		8.00	6.49	5.28	4.27	3.36	2.64	0.928	13

D23_RAW.txt

6:	10.45	-2	10.66	0.05	10.3		5	1508.0	25
	9.41	24.20	20.88	18.13	15.68	13.38	11.31	122.8	0.00781
		7.75	6.29	4.99	4.10	3.20	2.49	1.100	13
7:	5.64	-2	9.48	0.38	14.9		5	2513.5	23
	8.53	22.02	19.01	16.43	14.25	11.99	10.10	138.9	0.00195
		6.95	5.69	4.45	3.64	2.75	1.99	3.621	13
8:	3.49	1	8.79	0.45	13.5		5	3770.3	21
	7.87	20.34	17.34	14.83	13.62	10.36	9.25	75.2	0.12500
		6.84	5.56	4.39	3.54	3.25	2.54	5.016	13

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	690N	680N ON	675N 690N	670N 10869N	660N 621	650N 4	640N 16:57:01	620N	600N	580N
1:	95.48	-9	5.77	0.00	27.9		5	188.5	29	
	5.62	10.91	10.42	9.83	8.15	7.55	6.20	51.0	0.06250	
		4.43	4.16	3.04	1.60	1.90	1.47	13.275	13	
2:	53.62	10	7.46	0.02	8.6		5	377.0	33	
	6.60	15.76	13.63	11.96	10.61	9.15	7.90	61.3	0.12500	
		5.57	4.52	3.74	3.10	2.40	1.91	1.222	13	
3:	50.79	5	9.07	0.07	6.6		5	377.0	31	
	8.07	19.34	16.89	14.93	13.01	11.31	9.60	85.9	0.03125	
		6.68	5.50	4.43	3.55	2.82	2.20	1.491	13	
4:	24.10	-10	10.14	0.00	7.2		5	754.0	29	
	8.98	22.06	19.24	16.98	14.74	12.76	10.79	96.2	0.03125	
		7.48	6.15	4.96	3.91	3.12	2.45	1.388	13	
5:	14.05	-2	10.65	0.03	7.6		5	1256.7	28	
	9.46	23.82	20.64	18.05	15.70	13.45	11.33	122.5	0.00781	
		7.70	6.23	4.99	4.04	3.19	2.55	1.149	13	
6:	14.12	6	10.71	0.00	8.4		5	1099.6	25	
	9.44	24.11	20.83	18.34	15.82	13.62	11.40	124.0	0.00781	
		7.80	6.47	5.20	3.95	3.28	2.55	1.632	13	
7:	7.53	-3	10.18	0.20	15.9		5	1979.3	24	
	9.01	23.10	19.99	17.48	15.08	12.99	10.84	99.2	0.03125	
		7.49	6.30	5.10	3.96	3.32	2.79	2.356	13	
8:	4.39	2	8.56	0.30	14.6		5	3110.5	22	
	8.31	19.74	17.23	16.39	13.46	11.71	8.98	182.8	0.00024	
		5.91	5.52	4.16	1.84	1.97	1.42	19.025	12	

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	700N	680N ON	675N 700N	670N 10869N	660N 600	650N 4	640N 16:59:59	620N	600N	580N
1:	31.77	-9	8.12	0.04	34.5		5	628.3	33	
	6.99	16.67	14.84	14.18	13.10	9.44	8.88	126.7	0.00098	
		5.78	4.66	3.57	0.86	3.97	2.16	45.754	13	
2:	21.35	8	9.21	0.12	8.4		5	942.5	34	
	8.34	19.69	17.18	15.12	13.01	11.56	9.70	76.5	0.12500	
		6.92	5.72	4.72	4.14	2.79	2.43	3.628	13	
3:	23.63	5	10.19	0.09	6.6		5	754.0	30	
	9.05	22.03	19.17	16.87	14.72	12.70	10.80	96.3	0.03125	
		7.47	6.14	4.93	3.92	3.20	2.46	1.244	13	
4:	13.00	-8	10.24	0.14	7.1		5	1256.7	27	
	9.07	22.85	19.80	17.30	14.97	12.87	10.88	130.5	0.00391	
		7.44	5.98	4.69	3.65	2.94	2.39	2.289	13	

D23_RAW.txt									
5:	8.37	-2	10.62	0.01	7.6		5	1885.0	26
		23.79	20.64	18.03	15.61	13.51	11.26	112.1	0.01563
	9.52	7.88	6.47	5.24	4.33	3.46	2.44	2.844	13
6:	9.25	6	10.38	0.02	8.3		5	1508.0	23
		23.22	20.21	17.46	15.11	12.93	11.08	132.2	0.00391
	9.14	7.53	6.13	4.81	3.71	3.06	2.31	2.453	13
7:	5.41	-4	10.01	0.17	16.1		5	2513.5	23
		22.37	19.38	16.73	14.63	12.19	10.57	95.7	0.03125
	8.77	7.62	6.24	5.05	3.77	3.10	2.52	2.380	13
8:	3.36	3	8.21	0.28	14.9		5	3770.3	21
		19.70	17.25	15.47	12.76	10.35	8.81	174.2	0.00024
	7.26	6.05	4.87	2.34	2.00	2.29	2.28	19.599	13

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	710N	700N ON	695N 710N	690N 10889N	680N 872	670N 4	660N 17:04:00	640N	620N	600N
1:	135.39	-0	6.50	0.02	40.4		5	188.5	29	
		13.08	11.54	9.86	8.80	7.78	6.69	48.3	0.50000	
	5.87	4.75	3.92	3.20	2.78	2.27	1.81	2.286	13	
2:	80.61	14	7.44	0.05	11.3		5	377.0	35	
		15.45	13.47	11.95	10.51	9.18	7.85	60.9	0.12500	
	6.64	5.57	4.58	3.78	3.01	2.33	1.86	1.798	13	
3:	75.70	-6	8.65	0.01	17.5		5	377.0	33	
		18.04	15.81	14.03	12.26	10.67	9.15	71.0	0.12500	
	7.70	6.42	5.31	4.31	3.51	2.83	2.24	0.500	13	
4:	36.36	-3	9.84	0.04	13.7		5	754.0	31	
		21.11	18.40	16.24	14.15	12.26	10.43	86.0	0.06250	
	8.76	7.26	5.99	4.86	3.88	3.07	2.42	1.345	13	
5:	19.01	5	10.48	0.02	5.0		5	1256.7	27	
		22.93	19.95	17.55	15.24	13.11	11.11	108.8	0.01563	
	9.30	7.65	6.26	5.05	4.05	3.22	2.52	1.160	13	
6:	19.69	-8	10.19	0.00	6.7		5	1099.6	25	
		22.74	19.71	17.11	14.92	12.87	10.78	116.5	0.00781	
	9.01	7.43	5.97	4.83	3.81	3.02	2.30	2.002	13	
7:	9.68	4	9.94	0.17	18.0		5	1979.3	22	
		22.86	19.53	16.92	14.57	12.44	10.54	115.3	0.00781	
	8.76	7.21	5.94	4.80	3.88	3.05	2.28	1.659	13	
8:	6.13	-0	9.15	0.11	18.0		5	3110.5	22	
		20.76	17.74	14.79	12.88	10.97	9.21	93.1	0.01563	
	8.11	6.03	4.94	4.14	3.32	3.10	2.28	5.073	13	

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	720N	700N ON	695N 720N	690N 10889N	680N 420	670N 4	660N 17:08:25	640N	620N	600N
1:	22.57	3	7.42	0.93	27.3		6	628.3	34	
		17.13	16.05	14.48	12.77	7.76	7.17	76.8	0.03125	
	9.16	5.79	4.80	4.28	2.08	1.94	3.46	14.985	9	
2:	15.85	10	9.17	0.28	8.6		6	942.5	36	
		18.65	16.25	14.11	12.74	11.46	9.80	84.0	0.03125	
	7.83	6.87	5.39	4.65	3.76	2.82	1.71	8.709	13	
3:	17.43	-5	9.59	0.27	13.5		6	754.0	31	
		20.81	18.15	16.01	13.85	11.91	10.14	79.8	0.12500	
	8.66	7.14	5.87	4.82	3.86	3.18	2.65	1.623	13	

D23_RAW.txt									
4:	9.64	-3	10.31	0.01	11.9		6	1256.7	29
	22.24	19.32	16.96	14.80	12.84	10.92	90.0	0.06250	
	9.08	7.56	6.27	5.11	4.14	3.29	2.50	1.523	13
5:	5.59	4	10.19	0.22	5.0		6	1885.0	25
	22.86	19.66	17.19	14.85	12.82	10.81	129.5	0.00391	
	9.00	7.49	5.88	4.83	3.68	2.82	2.28	2.998	13
6:	6.39	-6	9.72	0.25	6.6		6	1508.0	23
	22.16	19.15	16.65	14.49	12.18	10.33	94.2	0.03125	
	8.79	7.14	5.86	4.75	3.70	3.13	2.61	2.319	13
7:	3.45	4	9.49	0.07	18.1		6	2513.5	21
	21.83	18.64	16.55	14.29	12.01	10.08	101.3	0.01563	
	8.55	7.03	5.94	4.70	3.55	2.86	2.55	3.063	13
8:	2.31	-0	8.05	0.28	18.1		6	3770.3	21
	19.86	17.85	15.52	13.28	8.36	7.63	81.8	0.03125	
	8.89	5.74	4.91	4.03	1.26	1.89	3.47	22.742	12

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	730N	720N ON	715N 730N	710N 10909N	700N 548	690N 4	680N 17:12:04	660N	640N	620N
1:	82.39	-31	5.10	0.51	8.0		5	188.5	28	
	11.42	9.36	8.71	8.22	7.17	5.59	44.8	0.12500		
	4.79	3.79	3.27	2.40	2.30	1.75	1.67	4.477	9	
2:	53.80	16	6.55	0.07	8.5		5	377.0	37	
	14.00	12.20	10.70	9.29	8.06	6.92	57.5	0.06250		
	5.82	4.85	3.97	3.25	2.58	2.05	1.59	1.520	13	
3:	51.49	-7	8.27	0.05	14.3		5	377.0	35	
	17.85	15.50	13.68	11.87	10.35	8.76	73.6	0.06250		
	7.40	6.16	5.15	4.16	3.34	2.69	2.16	0.883	13	
4:	24.33	2	9.57	0.03	13.1		5	754.0	33	
	20.42	17.85	15.74	13.75	11.96	10.16	89.8	0.03125		
	8.50	7.04	5.72	4.62	3.69	2.89	2.22	2.271	13	
5:	12.77	-3	10.07	0.02	13.5		5	1256.7	29	
	21.88	19.04	16.70	14.54	12.57	10.68	88.5	0.06250		
	8.98	7.46	6.11	4.93	3.98	3.21	2.55	0.771	13	
6:	12.71	0	9.81	0.06	13.6		5	1099.6	26	
	22.20	19.12	16.75	14.52	12.55	10.47	113.9	0.00781		
	8.68	7.15	5.89	4.68	3.76	2.99	2.30	1.300	13	
7:	6.10	-6	9.24	0.33	12.1		5	1979.3	22	
	21.47	18.35	15.94	13.70	11.67	9.89	108.3	0.00781		
	8.29	6.78	5.52	4.37	3.66	2.89	2.16	1.575	13	
8:	3.55	8	8.09	0.31	15.4		5	3110.5	20	
	20.98	17.55	15.41	12.66	11.55	8.62	92.7	0.01563		
	7.51	6.08	5.19	3.74	3.33	2.78	2.68	8.101	13	

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	740N	720N ON	715N 740N	710N 10909N	700N 548	690N 4	680N 17:14:56	660N	640N	620N
1:	27.61	-30	10.48	1.97	7.7		5	628.3	32	
	14.16	14.19	12.92	10.70	6.43	10.86	140.7	4096.00000		
	6.92	5.64	2.54	3.17	3.35	2.63	1.38	7.807	5	
2:	21.39	16	8.19	0.24	8.3		5	942.5	37	
	18.40	15.86	13.98	12.22	10.84	8.71	74.7	0.06250		
	7.50	6.22	5.39	4.31	3.33	2.63	2.12	2.303	13	

D23_RAW.txt

3:	23.85	-6	9.74	0.14	11.5		5	754.0	33
	8.49	21.71	18.65	16.25	14.04	11.99	10.34	100.8	0.01563
		7.02	5.69	4.66	3.76	3.03	2.31	0.984	13
4:	13.03	2	9.75	0.12	10.1		5	1256.7	30
	8.72	19.57	17.54	15.74	13.89	12.14	10.34	84.0	0.06250
		7.20	5.94	4.78	3.79	2.95	2.40	2.612	13
5:	7.62	-3	10.00	0.18	12.9		5	1885.0	26
	8.97	21.75	19.00	16.67	14.46	12.52	10.59	88.4	0.06250
		7.41	6.14	4.93	4.00	3.20	2.60	0.564	13
6:	8.44	-0	9.53	0.00	13.0		5	1508.0	23
	8.28	20.92	18.23	16.13	13.92	11.68	10.18	98.4	0.01563
		6.92	5.48	4.44	3.71	2.87	2.28	1.445	13
7:	4.51	-5	9.26	0.05	12.4		5	2513.5	21
	8.31	20.50	17.59	15.32	13.18	11.25	9.87	117.0	0.00391
		6.79	5.58	4.28	3.49	2.71	1.82	5.518	13
8:	2.80	8	8.43	0.02	15.7		5	3770.3	19
	6.53	17.24	15.75	14.24	12.36	8.47	8.88	60.8	1.00000
		6.23	3.70	3.64	4.24	3.51	2.82	17.166	13

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	750N	740N ON	735N 750N	730N 10929N	720N 700	710N 4	700N 17:18:36	680N	660N	640N
1:	98.38	0	5.81	0.32	24.2		5	188.5	26	
	5.10	12.23	10.60	9.44	8.08	7.62	6.02	48.0	0.12500	
		4.33	3.54	3.00	2.28	1.82	1.51	2.734	12	
2:	53.46	16	6.58	0.09	11.2		5	377.0	29	
	5.89	14.29	12.35	10.92	9.54	8.09	7.00	62.7	0.03125	
		4.84	3.94	3.19	2.55	2.05	1.58	1.386	13	
3:	61.08	13	8.22	0.13	4.8		5	377.0	33	
	7.36	17.39	15.13	13.35	11.68	10.29	8.69	68.2	0.12500	
		6.16	5.12	4.18	3.37	2.73	2.18	0.684	13	
4:	29.00	-20	8.97	0.02	4.5		5	754.0	31	
	7.95	19.82	17.16	15.03	13.07	11.28	9.53	102.7	0.00781	
		6.52	5.32	4.30	3.40	2.63	1.99	2.608	13	
5:	16.51	-5	10.13	0.11	8.4		5	1256.7	30	
	8.98	23.33	19.89	17.27	14.87	12.79	10.77	118.1	0.00781	
		7.42	6.09	4.91	3.94	3.11	2.42	0.962	13	
6:	16.43	2	9.41	0.16	19.9		5	1099.6	26	
	8.32	20.11	17.68	15.62	13.58	11.90	9.99	96.4	0.01563	
		6.86	5.59	4.48	3.56	2.77	2.09	3.039	13	
7:	7.77	-0	8.96	0.54	22.7		5	1979.3	22	
	7.97	20.34	17.63	15.39	13.19	11.35	9.47	104.2	0.00781	
		6.51	5.31	4.22	3.42	2.72	2.02	0.779	11	
8:	4.53	-1	7.13	0.43	11.7		5	3110.5	20	
	6.13	17.58	15.16	13.02	10.70	9.34	7.50	149.9	0.00024	
		4.67	3.66	2.52	2.16	1.65	1.15	9.488	11	

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	760N	740N ON	735N 760N	730N 10929N	720N 484	710N 4	700N 17:21:36	680N	660N	640N
1:	19.75	2	7.17	0.35	21.6		5	628.3	26	
	7.10	16.19	14.04	12.51	10.69	9.79	8.24	66.5	0.06250	
		5.73	3.88	3.20	3.07	2.72	1.51	8.083	12	

D23_RAW.txt									
2:	12.83	15	8.29	0.27	11.1		5	942.5	25
	7.11	18.31	15.80	13.73	12.18	10.52	8.68	86.1	0.01563
		6.04	4.96	4.14	3.13	2.33	2.06	3.071	13
3:	17.15	12	9.15	0.09	4.8		5	754.0	27
	8.01	19.92	17.17	15.09	13.29	11.47	9.81	80.8	0.06250
		6.82	5.67	4.56	3.62	2.98	2.29	1.262	13
4:	9.45	-19	9.49	0.28	4.5		5	1256.7	25
	8.42	21.47	18.54	16.11	13.91	11.96	10.09	85.0	0.06250
		6.95	5.71	4.78	3.87	3.15	2.49	1.600	13
5:	6.01	-5	10.70	0.01	8.0		5	1885.0	23
	9.41	27.23	22.42	18.97	15.89	13.39	11.24	205.9	0.00049
		7.65	6.30	5.11	3.97	3.13	2.40	1.769	13
6:	6.71	3	9.03	0.15	18.9		5	1508.0	21
	8.02	15.38	14.47	13.31	11.60	10.23	8.89	62.4	4.00000
		6.73	5.60	4.70	3.75	3.07	2.53	2.107	13
7:	3.55	-1	8.74	0.93	22.4		5	2513.5	18
	7.48	19.05	16.43	14.32	13.81	11.33	9.43	78.1	0.06250
		6.37	5.39	4.39	3.37	2.76	1.91	3.583	9
8:	2.22	-0	7.24	2.88	12.0		5	3770.3	17
	6.48	18.83	16.31	14.59	15.05	12.92	9.85		
		5.96	5.07	4.22	3.87	3.53	2.01		99

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	770N	760N ON	755N 770N	750N 10949N	740N 310	730N 4	720N 17:25:16	700N	680N	660N
1:	36.94	1	7.27	0.02	8.7		5	188.5	22	
	7.29	11.78	9.36	8.32	8.87	7.98	7.63	45.7	1.00000	
		4.89	4.17	2.26	3.78	1.85	1.58	20.292	13	
2:	22.84	-9	6.85	0.00	8.0		5	377.0	28	
	6.08	14.86	12.90	11.46	9.83	8.56	7.25	71.0	0.01563	
		5.06	4.14	3.39	2.53	2.10	1.48	3.847	13	
3:	21.16	-9	8.14	0.06	9.1		5	377.0	26	
	7.27	17.71	15.30	13.45	11.81	10.21	8.64	72.4	0.06250	
		6.03	4.95	4.02	3.30	2.61	2.17	1.058	13	
4:	11.21	12	8.92	0.00	6.1		5	754.0	27	
	7.89	19.80	17.09	15.05	12.96	11.18	9.47	93.4	0.01563	
		6.51	5.34	4.37	3.44	2.79	2.16	1.028	13	
5:	6.82	3	9.40	0.10	3.1		5	1256.7	28	
	8.36	21.25	18.19	15.98	13.86	11.88	9.99	108.7	0.00781	
		6.94	5.55	4.44	3.56	2.75	2.26	1.621	13	
6:	7.00	-21	10.03	0.16	10.5		5	1099.6	25	
	8.82	26.18	21.53	18.12	15.34	12.91	10.69	222.7	0.00024	
		7.17	5.69	4.66	3.64	2.83	2.20	2.048	13	
7:	3.46	6	7.49	0.33	27.4		5	1979.3	22	
	6.84	9.15	9.88	10.29	9.90	8.64	7.72	87.0	1024.00000	
		5.62	4.83	4.50	3.39	2.80	2.33	9.162	13	
8:	1.99	5	8.74	0.46	21.5		5	3110.5	20	
	8.13	17.15	14.69	12.82	13.29	10.69	9.43			
		6.18	4.09	1.70	2.98	-0.37	0.01		98	

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	780N	760N ON	755N 780N	750N 10949N	740N 362	730N 4	720N 17:28:12	700N	680N	660N

D23_RAW.txt									
1:	15.91	2	7.07	0.84	8.4		5	628.3	28
	5.61	15.55	13.67	12.19	10.83	11.02	7.70	59.9	8.00000
		5.80	4.47	4.66	4.75	3.52	2.13	14.350	11
2:	11.70	-8	8.24	0.15	7.9		5	942.5	30
	7.36	17.70	15.47	13.53	11.94	10.31	8.68	78.0	0.03125
		5.91	4.87	3.94	3.09	2.57	2.13	1.934	13
3:	12.65	-9	8.90	0.15	9.0		5	754.0	26
	7.90	19.70	17.00	14.88	12.89	11.20	9.45	93.1	0.01563
		6.61	5.42	4.38	3.49	2.72	2.07	2.100	13
4:	7.66	11	9.26	0.09	5.9		5	1256.7	27
	8.25	20.42	17.46	15.16	13.10	11.29	9.74	94.7	0.01563
		6.82	5.20	4.27	3.54	2.78	2.18	2.086	13
5:	5.11	4	9.57	0.13	3.0		5	1885.0	27
	8.49	22.08	19.11	16.71	14.51	12.60	10.29	95.0	0.03125
		7.14	6.28	4.99	3.87	3.07	2.57	2.321	13
6:	5.75	-22	10.18	0.59	9.8		5	1508.0	24
	8.90	27.11	22.22	18.60	15.64	13.28	10.89	202.3	0.00049
		7.44	6.05	4.94	3.92	3.19	2.52	2.295	12
7:	3.14	6	6.95	0.07	26.9		5	2513.5	22
	6.29	7.64	9.04	9.07	8.83	8.55	7.26	100.6	4096.00000
		5.37	4.61	3.84	3.12	2.50	2.36	11.594	13
8:	1.91	4	6.68	0.16	21.6		5	3770.3	20
	5.11	17.81	14.79	12.52	10.77	10.00	6.75	57.9	4.00000
		5.46	3.58	4.94	4.40	3.76	2.43	21.106	13

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	790N	780N ON	775N 790N	770N 10969N	760N 611	750N 4	740N 17:31:26	720N	700N	680N
1:	76.69	-7	5.20	0.20	23.6		5	188.5	24	
	4.77	10.47	8.80	8.23	7.66	6.88	5.71	40.3	0.50000	
		4.07	3.40	2.74	2.44	1.71	1.40	4.420	13	
2:	42.19	-1	6.91	0.11	22.4		5	377.0	26	
	6.12	13.95	12.23	10.88	9.49	8.32	7.27	51.1	1.00000	
		5.21	4.37	3.67	2.99	2.49	2.01	1.437	13	
3:	45.31	6	7.97	0.03	9.1		5	377.0	28	
	7.14	16.63	14.50	12.83	11.25	9.81	8.42	62.3	0.25000	
		5.98	4.96	4.04	3.29	2.64	2.11	0.828	13	
4:	24.02	-6	8.76	0.02	5.0		5	754.0	30	
	7.76	19.24	16.65	14.61	12.70	10.98	9.30	100.1	0.00781	
		6.36	5.16	4.15	3.29	2.57	1.98	2.241	13	
5:	12.63	-8	9.43	0.00	7.1		5	1256.7	26	
	8.38	20.84	17.99	15.72	13.61	11.74	10.01	83.4	0.06250	
		6.93	5.73	4.68	3.80	3.03	2.40	0.754	13	
6:	14.32	16	9.17	0.14	7.2		5	1099.6	26	
	8.11	20.91	18.01	15.69	13.63	11.69	9.81	118.6	0.00391	
		6.66	5.43	4.31	3.45	2.68	2.07	1.953	13	
7:	7.22	-20	9.75	0.00	26.3		5	1979.3	23	
	8.43	24.52	20.04	16.93	14.33	12.09	10.21	128.5	0.00391	
		7.17	5.70	4.86	3.92	3.01	2.23	3.252	13	
8:	4.26	4	6.88	0.72	37.2		5	3110.5	22	
	6.09	13.16	12.47	11.74	10.80	9.40	7.70	53.8	0.50000	
		5.09	4.47	2.68	2.14	1.29	0.82	5.489	9	

D23_RAW.txt

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	800N	780N ON	775N 800N	770N 10969N	760N 369	750N 4	740N 17:34:29	720N	700N	680N
1:	16.80		-4	7.61	0.51	22.4		6	628.3	29
		7.00	14.36	12.35	10.61	9.00	8.82	7.70	50.8	1.00000
			4.42	3.47	3.28	3.35	2.79	2.14	12.045	12
2:	10.82		-2	8.62	0.50	21.8		6	942.5	28
		8.01	16.68	14.61	13.02	11.43	9.96	8.81	62.0	1.00000
			6.97	5.39	4.44	3.55	2.91	2.30	3.388	12
3:	13.43		5	9.20	0.50	8.9		6	754.0	27
		8.35	18.71	16.28	14.39	12.59	10.98	9.60	70.4	0.25000
			7.01	5.57	4.59	3.72	2.95	2.37	1.904	12
4:	8.11		-6	8.38	2.03	5.0		6	1256.7	28
		7.32	19.14	16.38	14.25	12.29	10.48	8.91	96.8	0.00781
			5.79	5.73	4.60	3.63	2.82	2.22	0.366	5
5:	4.68		-7	8.77	1.42	7.0		6	1885.0	24
		7.93	19.60	17.01	14.95	12.78	10.83	9.23	84.5	0.03125
			6.59	5.59	4.58	3.62	3.04	2.54	1.117	7
6:	5.83		17	8.62	1.32	7.1		6	1508.0	24
		7.52	20.44	17.30	14.88	12.64	10.81	9.13	125.9	0.00195
			5.87	5.44	4.40	3.57	2.88	2.38	0.730	7
7:	3.23		-20	16.18	2.67	24.5		6	2513.5	22
		15.11	31.67	25.47	21.11	17.57	14.47	16.10	102.9	2.00000
			10.40	5.61	4.92	4.32	2.95	3.38	12.640	7
8:	2.03		5	7.39	0.98	34.8		6	3770.3	21
		7.13	1.48	4.77	6.63	7.05	7.64	7.37	107.1	4096.00000
			5.96	5.44	5.06	3.84	2.58	1.94	19.571	8

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	810N	800N ON	795N 810N	790N 10989N	780N 540	770N 4	760N 17:38:37	740N	720N	700N
1:	60.26		-24	6.59	0.70	12.8		5	188.5	21
		5.57	12.14	10.06	8.81	7.98	7.74	6.68	45.5	0.25000
			3.68	3.14	3.19	2.51	1.92	1.64	8.532	8
2:	39.71		3	6.29	0.02	11.9		5	377.0	28
		5.68	12.89	11.27	10.01	8.79	7.67	6.61	47.7	0.50000
			4.81	4.00	3.25	2.68	2.14	1.71	1.040	13
3:	40.91		10	7.31	0.00	11.9		5	377.0	29
		6.55	15.10	13.17	11.70	10.28	9.01	7.74	55.8	0.50000
			5.51	4.60	3.82	3.14	2.60	2.11	1.367	13
4:	19.79		-7	8.63	0.12	11.9		5	754.0	28
		7.79	17.89	15.59	13.85	12.15	10.62	9.11	70.3	0.12500
			6.50	5.36	4.31	3.42	2.69	2.17	2.091	13
5:	11.20		4	9.19	0.16	8.1		5	1256.7	26
		8.16	20.13	17.51	15.38	13.36	11.57	9.74	81.6	0.06250
			6.80	5.61	4.57	3.73	3.01	2.32	0.808	13
6:	12.13		-15	9.55	0.28	9.9		5	1099.6	25
		8.30	20.98	17.95	15.67	13.61	11.71	10.12	107.7	0.00781
			6.81	5.57	4.44	3.57	2.86	2.12	2.231	13
7:	6.27		18	9.29	0.43	15.6		5	1979.3	23
		8.13	21.03	17.96	15.50	13.42	11.75	9.92	78.0	0.12500
			6.71	5.62	4.79	4.03	3.10	2.54	2.873	13

D23_RAW.txt									
8:	3.76	-16	10.59	0.36	18.4		5	3110.5	22
		30.91	24.01	19.78	15.99	13.69	10.93	212.9	0.00024
	9.01	6.27	4.69	3.69	3.07	1.97	1.10	18.602	12
*									
820N	800N ON	795N 820N	790N 10989N	780N 540	770N 4	760N	740N 17:41:17	720N	700N
1:	22.90	-24	8.84	1.54	12.0		5	628.3	27
		13.82	12.30	11.38	9.33	7.45	9.00	126.1	4096.00000
	6.00	5.22	5.07	3.11	2.52	2.59	1.32	6.033	5
2:	17.90	2	7.63	0.15	11.5		5	942.5	31
		15.92	13.84	12.24	10.90	9.56	8.05	63.0	0.12500
	6.76	5.74	4.68	3.90	3.17	2.45	1.98	1.400	13
3:	21.09	9	7.98	0.20	11.4		5	754.0	29
		16.96	14.77	13.03	11.38	9.86	8.45	63.0	0.25000
	7.11	5.98	4.99	4.02	3.30	2.70	2.23	1.373	13
4:	11.55	-7	9.02	0.41	11.4		5	1256.7	27
		19.12	16.66	14.76	12.89	11.21	9.53	85.2	0.03125
	8.07	6.73	5.56	4.55	3.57	2.53	1.62	4.004	12
5:	7.19	3	9.55	0.59	8.0		5	1885.0	25
		20.85	18.12	15.90	13.80	11.90	10.17	72.6	1.00000
	8.49	7.09	5.88	4.86	4.05	3.81	3.29	6.991	13
6:	8.55	-14	9.28	0.01	9.6		5	1508.0	24
		20.56	17.81	15.62	13.48	11.59	9.84	106.5	0.00781
	8.13	6.70	5.50	4.43	3.55	2.77	2.13	1.659	13
7:	4.86	18	9.18	0.21	15.5		5	2513.5	23
		20.26	17.59	15.45	13.36	11.32	9.71	77.0	0.12500
	8.02	6.72	5.64	4.67	3.91	3.22	2.48	2.435	13
8:	3.09	-16	10.73	0.56	17.8		5	3770.3	22
		29.70	23.60	19.62	16.08	13.24	11.36	236.8	0.00024
	9.04	7.31	6.14	4.74	3.79	3.13	1.66	4.278	12
*									
830N	820N ON	815N 830N	810N 11009N	800N 540	790N 4	780N	760N 17:45:00	740N	720N
1:	50.54	-14	4.56	0.18	10.3		5	188.5	18
		10.59	9.35	9.28	8.40	6.43	5.29	39.7	1.00000
	3.68	3.23	4.01	2.69	3.11	1.47	1.85	18.478	13
2:	34.13	18	6.02	0.00	12.8		5	377.0	24
		12.68	10.96	9.61	8.45	7.45	6.34	52.7	0.06250
	5.41	4.51	3.60	3.02	2.34	1.88	1.50	1.934	13
3:	37.63	18	6.91	0.03	10.4		5	377.0	26
		14.69	12.75	11.27	9.88	8.58	7.33	61.0	0.06250
	6.16	5.14	4.26	3.47	2.79	2.19	1.73	1.353	13
4:	21.28	-25	8.01	0.22	7.8		5	754.0	30
		17.02	14.79	13.03	11.42	9.90	8.47	66.4	0.12500
	7.17	6.03	5.04	4.17	3.30	2.59	2.06	1.434	13
5:	12.36	8	8.77	0.54	10.3		5	1256.7	29
		18.72	16.26	14.34	12.55	10.94	9.31	71.9	0.12500
	7.80	6.37	5.11	4.06	3.54	3.09	2.49	3.609	12
6:	12.26	-3	9.21	0.00	10.3		5	1099.6	25
		20.06	17.44	15.38	13.36	11.50	9.82	76.8	0.12500
	8.18	6.76	5.70	4.58	3.85	3.03	2.52	1.540	13

D23_RAW.txt									
7:	6.29	-10	8.89	0.00	16.4		5	1979.3	23
	20.46	17.65	15.54	13.45	11.34	9.46	147.2	0.00098	
	7.80	6.41	5.41	4.28	3.31	2.56	1.73	5.457	13
8:	3.86	17	8.49	0.58	15.6		5	3110.5	22
	20.01	17.26	15.51	13.24	11.01	8.47	74.0	0.12500	
	7.32	5.89	5.50	4.27	3.61	2.11	2.94	9.395	12
* 840N 820N 815N 810N 800N 790N 780N 760N 740N 720N									
	ON	840N	11009N	540	4	17:47:33			
1:	19.21	-14	7.46	0.28	9.9		5	628.3	22
	14.19	12.59	10.76	9.79	7.82	8.06	118.7	0.00049	
	5.23	3.97	2.75	4.07	1.91	1.34	1.41	16.676	12
2:	15.50	17	7.17	0.06	12.6		5	942.5	27
	15.30	13.36	11.85	10.37	8.93	7.57	59.9	0.12500	
	6.60	5.48	4.58	3.64	2.92	2.33	1.83	1.791	13
3:	19.73	18	7.83	0.00	10.3		5	754.0	28
	16.88	14.66	12.87	11.22	9.77	8.29	68.7	0.06250	
	6.96	5.77	4.71	3.80	3.06	2.49	1.96	0.982	13
4:	12.51	-24	8.85	0.00	7.7		5	1256.7	29
	18.65	16.24	14.30	12.39	10.86	9.34	69.5	0.25000	
	7.93	6.65	5.58	4.54	3.67	2.98	2.45	1.039	13
5:	7.86	7	8.67	0.03	9.8		5	1885.0	27
	19.29	16.75	14.69	12.78	10.98	9.21	83.6	0.03125	
	7.71	6.39	5.30	4.35	3.48	2.85	2.01	2.675	13
6:	8.53	-4	9.18	0.01	9.8		5	1508.0	24
	20.27	17.60	15.33	13.33	11.63	9.78	81.3	0.06250	
	8.08	6.64	5.64	4.45	3.61	3.09	2.34	1.911	13
7:	4.82	-9	8.80	0.12	16.7		5	2513.5	22
	20.36	17.49	15.13	13.05	11.24	9.35	129.1	0.00195	
	7.86	6.49	5.32	4.23	3.07	2.54	2.04	2.960	13
8:	3.15	17	8.58	0.28	15.9		5	3770.3	22
	20.67	17.67	14.35	12.31	10.69	9.33	111.4	0.00391	
	7.27	5.57	4.88	4.53	2.79	2.81	2.17	7.208	13

----- S C I N T R E X -----
 IPR-12 MULTI-CHANNEL IP-RECEIVER V4.0

Job #:	23	Date:	08/09/10						
Operator:	D23	Serial #:	23						
P-Line:	ON	Units:	Metre						
Array:	Pole-Dipole	Mx From:	340 ms To: 520 ms						
Station	P1	P2	P3	P4	P5	P6	P7	P8	P9
	C-Line	C1	C2	Curr.	Timing		Time		
D:	VP	SP	Mx	S.D.	Res.		Dur.	K-Fact.	Rho
	M1	M2	M3	M4	M5	M6	M7	M"	Tau
	M8	M9	M10	M11	M12	M13	M14	RMS%	wi
* 850N 840N 835N 830N 820N 810N 800N 780N 760N 740N									
	ON	850N	11029N	363	4	09:55:29			
1:	37.91	-1	4.97	0.49	19.5		5	188.5	20
	11.29	9.42	8.25	7.12	6.40	5.30	39.8	0.50000	
	3.89	4.22	4.04	2.52	2.32	1.87	1.13	10.262	10

D23_RAW.txt

2:	21.50	5	6.20	0.06	19.7		5	377.0	22
		12.64	10.97	9.74	8.60	7.59	6.48	48.1	0.25000
	5.60	4.56	3.79	3.14	2.54	2.02	1.65	1.042	13
3:	23.93	-14	6.89	0.01	8.4		5	377.0	25
		14.38	12.50	11.07	9.73	8.56	7.33	54.2	0.25000
	6.17	5.15	4.27	3.50	2.88	2.32	1.85	0.628	13
4:	12.38	5	7.64	0.08	7.4		5	754.0	26
		16.73	14.50	12.81	11.15	9.58	8.13	79.5	0.01563
	6.79	5.68	4.58	3.66	2.86	2.27	1.80	2.133	13
5:	7.92	12	8.84	0.03	8.3		5	1256.7	27
		18.60	16.36	14.43	12.50	10.92	9.38	73.0	0.12500
	7.84	6.53	5.33	4.47	3.71	2.92	2.36	1.099	13
6:	9.02	-6	9.01	0.15	8.6		5	1099.6	27
		19.42	16.91	15.01	13.07	11.35	9.54	85.2	0.03125
	7.82	6.63	5.58	4.28	3.44	2.80	2.16	1.934	13
7:	4.19	-8	9.04	0.57	6.6		5	1979.3	23
		20.69	17.87	15.39	13.15	11.25	9.65	73.8	0.25000
	8.15	7.08	5.42	4.83	4.00	3.45	2.71	4.514	12
8:	2.56	-0	8.35	0.30	7.2		5	3110.5	22
		21.13	18.00	15.62	13.41	10.90	9.34	184.0	0.00024
	7.28	7.67	4.65	3.50	2.63	1.81	0.83	13.498	12

*

	860N	840N ON	835N 860N	830N 11029N	820N 288	810N 4	800N 09:59:25	780N	760N	740N
1:	11.99		2	4.24	0.28	19.2		5	628.3	26
			16.10	13.13	9.92	9.54	3.82	3.41	88.2	2048.00000
	7.80		3.39	3.22	3.20	4.39	2.91	3.29	44.968	13
2:	8.03		6	7.36	0.26	19.0		5	942.5	26
			15.03	13.05	11.69	10.18	9.25	7.90	63.0	0.06250
	6.08		5.36	4.61	3.62	2.81	2.33	1.61	4.836	13
3:	10.17		-16	7.83	0.04	7.8		5	754.0	27
			16.46	14.36	12.66	11.14	9.69	8.30	73.7	0.03125
	7.00		5.83	4.80	3.84	3.02	2.33	1.86	2.745	13
4:	5.89		5	8.00	0.08	7.4		5	1256.7	26
			17.65	15.35	13.47	11.75	10.04	8.47	84.3	0.01563
	7.32		6.06	4.86	3.89	3.16	2.49	1.86	2.453	13
5:	4.07		13	9.46	0.59	8.4		5	1885.0	27
			20.43	17.77	15.57	13.63	11.65	10.05	83.2	0.06250
	8.15		6.85	5.57	4.63	4.01	3.14	2.43	2.382	12
6:	4.99		-6	8.82	0.21	8.5		5	1508.0	26
			19.71	16.98	14.75	12.67	11.02	9.25	74.7	0.12500
	8.16		6.73	5.50	4.58	3.79	2.97	2.40	1.794	13
7:	2.53		-8	9.12	0.69	6.5		5	2513.5	22
			19.91	17.53	15.71	13.47	11.15	9.64	87.7	0.03125
	8.31		7.04	5.48	4.29	2.33	1.39	1.49	2.616	10
8:	1.63		-1	7.47	0.16	7.1		5	3770.3	21
			20.35	17.43	14.83	12.80	10.41	8.29	181.1	0.00024
	7.58		6.38	3.88	3.71	2.77	2.23	2.15	8.283	13

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	870N	860N ON	855N 870N	850N 11049N	840N 340	830N 4	820N 10:02:22	800N	780N	760N
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D23_RAW.txt										
1:	39.92	1	4.62	0.92	18.6		6	188.5	22	
		11.16	10.79	8.52	5.79	7.03	4.80	104.4	0.00024	
	4.00	3.42	3.65	3.08	2.48	2.19	1.70	12.126	6	
2:	26.00	3	5.87	0.07	16.3		6	377.0	29	
		11.84	10.22	9.11	8.21	7.00	6.16	50.4	0.06250	
	5.28	4.35	3.59	2.95	2.30	1.72	1.37	4.022	13	
3:	23.11	-14	6.91	0.00	10.0		6	377.0	26	
		13.99	12.23	10.87	9.59	8.42	7.28	51.4	1.00000	
	6.22	5.25	4.43	3.65	3.03	2.47	2.03	1.170	13	
4:	12.25	6	7.87	0.19	9.3		6	754.0	27	
		16.30	14.26	12.60	11.10	9.72	8.33	64.5	0.12500	
	7.06	5.89	4.85	3.95	3.16	2.55	2.01	1.198	13	
5:	7.08	-9	8.67	0.03	5.4		6	1256.7	26	
		18.11	15.72	13.85	12.23	10.62	9.17	68.1	0.25000	
	7.71	6.52	5.36	4.45	3.65	2.96	2.45	1.465	13	
6:	7.73	16	8.63	0.20	6.6		6	1099.6	25	
		19.47	16.90	14.66	12.57	10.98	9.21	91.3	0.01563	
	7.72	6.34	5.25	4.24	3.38	2.72	2.10	0.930	13	
7:	4.31	-6	10.24	0.42	8.5		6	1979.3	25	
		21.18	18.61	16.29	14.14	12.55	10.80	76.9	1.00000	
	9.25	7.94	7.00	5.88	4.75	3.69	2.94	3.004	13	
8:	2.35	-5	7.30	0.98	6.3		6	3110.5	22	
		20.48	17.70	14.19	10.42	9.97	7.48	169.6	0.00024	
	6.32	4.41	3.76	2.68	1.81	1.74	0.79	7.498	7	
*	880N	860N ON	855N 880N	850N 11049N	840N 417	830N 4	820N 10:05:31	800N	780N	760N
1:	17.61	2	4.52	3.46	18.5		6	628.3	27	
		14.80	14.23	13.84	12.16	7.55	6.05			
	0.22	3.82	4.55	2.59	2.75	2.74	1.12		99	
2:	13.50	3	7.71	0.37	16.3		6	942.5	31	
		15.19	13.21	11.58	10.28	8.79	7.91	56.5	4.00000	
	7.21	5.89	4.83	4.31	3.45	2.92	2.33	3.004	13	
3:	14.03	-15	7.97	0.03	9.8		6	754.0	25	
		16.40	14.35	12.74	11.24	9.82	8.42	62.3	0.25000	
	7.17	6.02	5.03	4.16	3.36	2.65	2.04	1.840	13	
4:	8.50	8	8.48	0.12	9.1		6	1256.7	26	
		18.10	15.76	13.95	12.29	10.66	9.02	67.4	0.25000	
	7.63	6.49	5.47	4.31	3.54	2.85	2.35	1.377	13	
5:	5.40	-11	8.93	0.22	5.2		6	1885.0	24	
		18.85	16.21	14.14	12.34	10.65	9.38	69.2	0.25000	
	7.91	6.47	5.29	4.58	3.58	3.20	2.44	2.981	13	
6:	6.48	16	8.87	0.15	6.5		6	1508.0	23	
		19.69	17.01	14.94	13.04	11.21	9.48	113.5	0.00391	
	7.76	6.47	5.22	4.14	3.15	2.56	2.06	2.502	13	
7:	3.96	-7	9.24	0.50	8.4		6	2513.5	24	
		20.26	17.52	15.41	13.51	11.51	9.82	74.5	0.25000	
	8.17	6.85	5.99	5.00	4.32	3.13	2.11	3.485	12	
8:	2.31	-4	6.88	0.39	6.2		6	3770.3	21	
		20.22	17.89	16.10	14.12	10.01	7.78	176.0	0.00024	
	5.11	6.11	4.46	3.25	2.76	2.53	1.62	12.902	12	

D23_RAW.txt

*	890N	880N ON	875N 890N	870N 11069N	860N 481	850N 4	840N 10:08:45	820N	800N	780N
1:	53.88		1	6.85	1.45	20.2		6	188.5	21
		11.26		10.07	8.87	8.33	8.01	7.06	83.3	1024.00000
	5.91	2.97	2.38	1.71	1.68		1.32	0.68	3.289	5
2:	34.37		15	5.86	0.11	21.0		6	377.0	27
		12.05		10.49	9.34	8.33	7.24	6.23	46.8	0.25000
	5.30	4.72	3.93	3.22	2.46		1.93	1.51	3.755	13
3:	36.73		-19	7.23	0.02	14.9		6	377.0	29
		14.45		12.66	11.31	10.01	8.80	7.62	53.6	2.00000
	6.52	5.53	4.65	3.89	3.25		2.70	2.26	1.933	13
4:	18.14		-5	8.54	0.20	11.9		6	754.0	28
		17.08		14.99	13.41	11.84	10.42	9.00	63.3	1.00000
	7.72	6.56	5.56	4.65	3.72		3.05	2.49	1.074	13
5:	9.35		9	8.51	0.14	8.3		6	1256.7	24
		17.87		15.50	13.68	12.04	10.46	9.03	69.8	0.12500
	7.56	6.35	5.29	4.30	3.46		2.78	2.17	1.156	13
6:	10.47		-6	8.86	0.16	5.4		6	1099.6	24
		18.96		16.44	14.45	12.56	10.90	9.32	76.9	0.06250
	7.84	6.30	5.21	4.25	3.57		2.75	2.23	1.315	13
7:	5.48		8	8.94	0.15	6.9		6	1979.3	23
		19.72		16.86	14.86	12.94	11.11	9.50	102.7	0.00781
	7.91	6.66	5.52	4.38	3.52		2.71	1.86	4.915	13
8:	3.60		-0	9.78	1.12	8.6		6	3110.5	23
		20.06		17.46	15.14	13.55	11.85	10.07	74.7	0.25000
	8.58	5.34	4.27	3.59	3.00		2.20	2.13	1.117	7

*	900N	880N ON	875N 900N	870N 11069N	860N 481	850N 4	840N 10:11:42	820N	800N	780N
1:	20.90		2	6.86	0.43	19.6		5	628.3	27
		13.05		9.98	10.29	10.12	10.03	7.37	129.6	4096.00000
	9.36	5.93	7.08	4.19	4.07		4.59	4.77	20.800	13
2:	15.44		14	7.71	0.04	20.6		5	942.5	30
		15.33		13.35	11.84	10.61	9.21	8.11	56.9	4.00000
	6.64	5.83	4.86	4.24	3.47		2.95	2.40	2.907	13
3:	18.87		-18	8.23	0.08	14.6		5	754.0	30
		16.88		14.74	13.07	11.51	10.08	8.69	62.2	0.50000
	7.40	6.23	5.20	4.31	3.53		2.85	2.27	0.699	13
4:	10.51		-5	8.61	0.00	11.8		5	1256.7	27
		18.32		15.95	14.08	12.35	10.72	9.13	68.4	0.25000
	7.75	6.47	5.40	4.45	3.58		2.89	2.51	2.000	13
5:	5.96		7	8.51	0.01	8.2		5	1885.0	23
		18.47		15.96	14.02	12.33	10.72	9.01	75.6	0.06250
	7.69	6.60	5.27	4.16	3.39		2.91	2.04	3.104	13
6:	7.33		-5	9.11	0.12	5.3		5	1508.0	23
		19.32		16.63	14.68	12.94	11.30	9.71	79.4	0.06250
	8.13	6.48	5.43	4.57	3.61		2.76	2.42	2.429	13
7:	4.21		9	7.88	0.26	6.8		5	2513.5	22
		18.62		15.78	13.68	11.71	10.04	8.39	78.1	0.03125
	7.11	6.00	4.95	4.04	3.36		2.60	1.90	2.846	13

D23_RAW.txt									
8:	2.92	-0	8.95	0.71	8.5		5	3770.3	23
	18.94	15.68	14.34	12.44	10.21	9.67	76.3	0.06250	
	8.33	6.30	5.06	4.18	2.70	2.28	3.41	4.203	10

*									
910N	900N ON	895N 910N	890N 11089N	880N 348	870N 4	860N	840N 10:14:40	820N	800N
1:	34.14	-6	4.94	0.79	14.8		5	188.5	18
	11.16	10.22	8.58	6.89	5.21	5.35	41.1	0.25000	
	2.96	4.55	2.96	3.00	1.28	2.17	2.09	11.320	7
2:	22.46	12	5.74	0.09	16.4		5	377.0	24
	11.97	10.39	9.18	8.14	7.06	6.01	54.2	0.03125	
	5.36	4.23	3.65	2.86	2.31	1.61	1.31	5.197	13
3:	24.20	-17	7.20	0.01	13.4		5	377.0	26
	14.80	12.86	11.41	10.07	8.84	7.60	54.8	0.50000	
	6.47	5.46	4.54	3.78	3.11	2.52	2.06	1.070	13
4:	13.21	12	7.97	0.00	14.5		5	754.0	29
	16.74	14.56	12.91	11.28	9.85	8.44	65.9	0.12500	
	7.13	5.97	4.93	4.02	3.31	2.63	2.08	0.832	13
5:	7.84	-9	9.00	0.01	12.3		5	1256.7	28
	18.60	16.19	14.19	12.49	10.89	9.48	67.9	0.50000	
	8.05	6.67	5.63	4.64	3.91	3.14	2.66	2.146	13
6:	7.65	-1	9.25	0.04	9.1		5	1099.6	24
	19.41	16.99	14.84	12.95	11.28	9.79	72.4	0.25000	
	8.15	6.92	5.78	4.74	3.83	3.18	2.57	1.296	13
7:	3.86	-3	8.52	0.66	5.7		5	1979.3	22
	18.90	16.25	14.09	12.10	10.48	9.08	88.1	0.01563	
	7.35	6.11	4.88	4.09	3.33	3.03	2.21	1.421	11
8:	2.39	15	7.87	0.24	6.6		5	3110.5	21
	19.39	17.07	14.44	12.31	10.20	8.62	118.9	0.00195	
	6.17	5.92	4.57	3.47	2.35	2.66	2.46	12.221	13

*									
920N	900N ON	895N 920N	890N 11089N	880N 553	870N 4	860N	840N 10:17:24	820N	800N
1:	21.54	-5	5.11	0.11	14.7		5	628.3	24
	12.89	13.69	13.20	11.67	8.99	6.35	85.7	0.00391	
	5.79	5.32	3.03	1.80	2.00	2.94	2.00	26.935	13
2:	16.52	11	7.38	0.56	16.4		5	942.5	28
	15.23	13.11	11.56	10.08	8.80	7.69	54.6	2.00000	
	6.69	5.48	4.74	3.94	3.41	2.83	2.16	3.220	12
3:	20.22	-17	7.88	0.03	13.1		5	754.0	28
	16.47	14.32	12.68	11.12	9.73	8.33	61.8	0.25000	
	7.07	5.93	4.91	3.98	3.27	2.65	2.11	0.696	13
4:	12.48	12	8.55	0.05	14.3		5	1256.7	28
	17.97	15.66	13.83	12.09	10.57	9.05	67.3	0.25000	
	7.65	6.41	5.32	4.38	3.59	2.91	2.33	0.681	13
5:	8.10	-9	8.29	0.00	12.1		5	1885.0	28
	18.42	15.88	13.93	12.00	10.48	8.82	94.6	0.00781	
	7.34	5.99	4.83	3.74	2.98	2.41	2.00	2.429	13
6:	8.61	-1	8.83	0.10	9.0		5	1508.0	23
	19.00	16.52	14.69	12.77	11.08	9.37	69.0	0.50000	
	7.91	6.71	5.79	5.01	4.23	3.28	2.37	4.053	13

D23_RAW.txt									
7:	4.79	-2	8.44	0.46	5.7		5	2513.5	22
	7.60	18.39	15.91	13.99	12.19	10.71	9.07	106.8	0.00391
		6.40	4.97	3.69	2.90	2.31	1.88	5.025	12
8:	3.14	14	8.46	0.41	6.6		5	3770.3	21
	7.44	19.16	17.01	15.16	12.88	10.67	9.03	73.8	0.12500
		6.35	5.30	4.45	3.75	3.04	2.60	4.542	13
*									
930N	920N ON	915N 930N	910N 11109N	900N 553	890N 4	880N	860N 10:21:58	840N	820N
1:	65.29	-1	4.90	0.11	19.7		5	188.5	22
	4.24	10.05	8.71	7.97	7.03	5.87	5.18	38.7	0.25000
		3.69	3.31	2.46	2.26	1.35	1.42	7.350	13
2:	37.56	1	5.68	0.14	16.9		5	377.0	26
	5.11	11.77	10.17	8.95	7.88	7.00	6.01	43.1	0.50000
		4.36	3.56	3.02	2.30	1.96	1.56	1.879	13
3:	40.47	-11	6.62	0.03	10.1		5	377.0	28
	5.94	13.67	11.90	10.56	9.28	8.12	6.99	52.2	0.25000
		4.98	4.16	3.42	2.79	2.25	1.82	0.937	13
4:	19.64	-2	7.60	0.05	11.8		5	754.0	27
	6.80	16.01	13.91	12.28	10.77	9.37	8.04	59.8	0.25000
		5.70	4.74	3.89	3.17	2.55	2.04	0.689	13
5:	11.79	1	8.14	0.01	12.3		5	1256.7	27
	7.26	17.55	15.18	13.32	11.64	10.16	8.63	71.5	0.06250
		6.03	4.95	4.02	3.19	2.57	2.03	1.132	13
6:	13.44	1	8.55	0.04	11.2		5	1099.6	27
	7.62	18.57	16.03	14.10	12.33	10.66	9.10	66.7	0.50000
		6.47	5.47	4.58	3.83	3.16	2.62	3.155	13
7:	6.29	-4	8.44	0.17	8.8		5	1979.3	23
	7.29	18.86	16.35	14.31	12.22	10.56	9.05	161.1	0.00024
		5.73	4.67	3.57	2.41	1.38	0.96	24.030	13
8:	3.79	3	8.13	0.94	5.5		5	3110.5	21
	7.25	18.68	16.10	14.13	12.56	10.30	8.70	87.0	0.01563
		5.79	5.04	3.62	3.46	2.53	2.59	1.976	9
*									
940N	920N ON	915N 940N	910N 11109N	900N 678	890N 4	880N	860N 10:24:42	840N	820N
1:	28.50	-1	6.76	0.57	19.1		5	628.3	26
	5.29	13.24	11.79	10.37	8.76	6.77	6.85	62.9	0.01563
		4.50	3.32	2.47	2.22	1.62	1.82	5.292	9
2:	19.19	0	6.79	0.15	16.5		5	942.5	27
	6.26	14.58	12.65	11.12	9.63	8.58	7.13	54.8	0.25000
		5.16	4.33	3.64	2.94	2.39	1.91	1.619	13
3:	23.80	-10	7.47	0.01	10.0		5	754.0	26
	6.67	15.89	13.78	12.14	10.63	9.22	7.90	58.9	0.25000
		5.58	4.61	3.78	3.07	2.56	2.04	1.262	13
4:	13.29	-1	7.94	0.00	11.6		5	1256.7	25
	7.05	17.14	14.91	13.06	11.42	9.85	8.40	70.2	0.06250
		5.87	4.85	3.94	3.18	2.56	2.03	0.381	13
5:	8.78	0	8.36	0.00	12.1		5	1885.0	24
	7.45	18.35	15.78	13.79	12.04	10.41	8.88	74.4	0.06250
		6.19	5.12	4.20	3.38	2.77	2.15	0.868	13

D23_RAW.txt									
6:	11.11	1	8.46	0.15	11.0		5	1508.0	25
		18.63	16.14	14.13	12.30	10.54	8.96	87.5	0.01563
	7.50	6.16	4.98	4.00	3.22	2.54	1.95	1.742	13
7:	5.75	-5	8.75	0.23	8.8		5	2513.5	21
		18.94	16.49	14.45	12.62	10.70	9.29	82.7	0.03125
	7.74	6.28	5.06	4.15	3.27	2.82	2.27	2.273	13
8:	3.72	4	8.54	0.12	5.5		5	3770.3	21
		18.07	15.76	13.60	11.82	10.02	8.83	73.2	0.06250
	6.96	6.34	4.63	3.91	3.67	3.10	1.93	6.855	13
*									
950N	940N ON	935N 950N	930N 11129N	920N 678	910N 4	900N	880N 10:27:31	860N	840N
1:	73.04	-10	4.93	0.14	16.9		5	188.5	20
		10.22	8.92	7.97	6.77	5.88	5.02	38.7	0.25000
	4.63	3.68	2.84	2.49	1.98	1.84	1.29	4.441	13
2:	42.27	2	5.37	0.14	13.2		5	377.0	24
		11.58	9.97	8.79	7.71	6.71	5.70	43.3	0.25000
	4.81	4.04	3.39	2.78	2.25	1.88	1.56	2.040	13
3:	45.42	1	5.94	0.06	10.0		5	377.0	25
		13.19	11.34	9.94	8.63	7.45	6.30	68.3	0.00781
	5.27	4.34	3.54	2.84	2.26	1.73	1.29	3.165	13
4:	22.58	1	6.95	0.01	11.5		5	754.0	25
		15.31	13.17	11.52	10.02	8.64	7.36	66.6	0.03125
	6.17	5.09	4.16	3.39	2.71	2.20	1.75	0.657	13
5:	13.16	-2	7.57	0.03	8.6		5	1256.7	24
		16.88	14.50	12.70	11.05	9.54	8.04	96.5	0.00391
	6.70	5.50	4.46	3.53	2.79	2.12	1.63	3.350	13
6:	13.99	-5	7.61	0.10	9.5		5	1099.6	23
		17.52	15.03	13.14	11.30	9.69	8.15	111.4	0.00195
	6.75	5.50	4.41	3.53	2.80	2.21	1.75	1.589	13
7:	8.03	3	7.43	0.31	10.6		5	1979.3	23
		17.69	15.09	13.20	11.23	9.59	7.94	162.1	0.00024
	6.54	5.35	4.34	3.32	2.54	1.97	1.62	3.382	13
8:	4.50	2	6.94	0.13	9.0		5	3110.5	21
		17.16	14.64	12.45	10.59	9.08	7.53	143.2	0.00024
	6.09	4.69	3.82	3.22	2.01	1.49	1.01	15.528	13
*									
960N	940N ON	935N 960N	930N 11129N	920N 776	910N 4	900N	880N 10:30:20	860N	840N
1:	32.73	-11	5.72	0.04	16.8		5	628.3	26
		13.15	11.02	9.45	8.65	6.78	6.22	56.7	0.03125
	5.28	3.90	4.19	3.44	2.41	1.82	1.26	9.465	13
2:	22.32	2	6.38	0.09	13.4		5	942.5	27
		13.57	11.81	10.44	9.08	7.93	6.68	50.3	0.25000
	5.69	4.76	3.82	3.14	2.61	2.17	1.80	2.308	13
3:	27.40	1	6.83	0.04	9.8		5	754.0	27
		15.04	12.97	11.38	9.87	8.52	7.26	65.8	0.03125
	6.07	5.02	4.14	3.36	2.71	2.17	1.72	0.625	13
4:	15.53	2	7.38	0.08	11.3		5	1256.7	25
		16.45	14.21	12.42	10.75	9.28	7.85	77.8	0.01563
	6.56	5.41	4.42	3.59	2.87	2.33	1.80	0.927	13

D23_RAW.txt									
5:	9.90	-2	7.85	0.04	8.5		5	1885.0	24
	17.39	14.96	13.09	11.39	9.80	8.32	75.2	0.03125	13
	6.95	5.79	4.70	3.80	3.11	2.49	1.96	0.562	13
6:	11.52	-5	7.88	0.04	9.4		5	1508.0	22
	17.83	15.33	13.35	11.52	9.89	8.39	76.2	0.03125	13
	7.00	5.79	4.76	3.88	3.14	2.53	1.98	0.643	13
7:	7.21	4	7.93	0.02	10.5		5	2513.5	23
	17.95	15.46	13.55	11.65	9.96	8.44	83.4	0.01563	13
	7.06	5.79	4.64	3.69	2.99	2.49	2.01	1.781	13
8:	4.25	0	7.94	0.04	8.9		5	3770.3	21
	17.83	15.53	13.37	11.42	9.91	8.44	168.3	0.00024	13
	7.16	5.78	5.22	4.23	2.92	1.96	1.10	16.654	13

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	970N	960N ON	955N 970N	950N 11149N	940N 776	930N 4	920N 10:33:17	900N	880N	860N
1:	83.86	-5	5.12	0.14	15.6		5	188.5	20	
	10.71	9.27	8.24	7.09	6.27	5.31	40.2	0.25000	13	
	4.65	3.76	3.18	2.66	2.14	1.66	1.38	1.624	13	
2:	48.40	5	5.49	0.07	11.6		5	377.0	24	
	11.82	10.24	9.03	7.88	6.84	5.81	52.0	0.03125	13	
	4.87	4.05	3.30	2.64	2.14	1.68	1.25	2.615	13	
3:	48.76	-3	6.23	0.09	10.2		5	377.0	24	
	13.47	11.62	10.19	8.88	7.73	6.59	51.9	0.12500	13	
	5.55	4.62	3.82	3.13	2.54	2.04	1.67	0.936	13	
4:	27.70	-14	6.88	0.05	10.2		5	754.0	27	
	15.08	13.00	11.40	9.92	8.59	7.29	61.4	0.06250	13	
	6.15	5.12	4.22	3.44	2.79	2.24	1.76	0.592	13	
5:	15.74	17	7.30	0.00	7.5		5	1256.7	25	
	16.34	14.07	12.24	10.60	9.18	7.75	70.1	0.03125	13	
	6.47	5.38	4.44	3.60	2.86	2.27	1.78	1.128	13	
6:	16.56	-4	7.77	0.10	8.4		5	1099.6	23	
	17.45	15.03	13.11	11.35	9.76	8.26	90.1	0.00781	13	
	6.89	5.70	4.68	3.72	2.97	2.33	1.80	1.695	13	
7:	8.45	-8	8.08	0.15	9.1		5	1979.3	22	
	18.09	15.56	13.47	11.70	10.05	8.59	93.2	0.00781	13	
	7.19	5.90	4.82	3.88	3.08	2.39	1.88	1.832	13	
8:	5.69	10	7.98	0.45	10.6		5	3110.5	23	
	18.28	15.66	13.68	11.69	10.07	8.48	93.2	0.00781	13	
	7.15	5.77	4.68	3.76	3.08	2.47	1.82	0.976	12	

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	980N	960N ON	955N 980N	950N 11149N	940N 776	930N 4	920N 10:36:02	900N	880N	860N
1:	30.04	-4	6.11	0.41	15.8		5	628.3	24	
	12.31	10.55	9.75	8.77	8.42	6.62	49.3	8.00000	12	
	5.66	4.85	3.91	3.82	3.76	2.17	1.45	9.150	12	
2:	20.76	4	6.37	0.02	12.2		5	942.5	25	
	13.88	11.95	10.47	9.12	7.87	6.75	49.4	0.50000	13	
	5.67	4.63	3.82	3.20	2.66	2.35	2.15	6.483	13	
3:	24.57	-3	6.73	0.04	10.1		5	754.0	24	
	15.05	12.91	11.29	9.80	8.48	7.14	86.4	0.00391	13	
	5.98	4.94	4.04	3.21	2.48	1.86	1.49	3.499	13	

D23_RAW.txt									
4:	16.09	-14	7.21	0.18	10.2		5	1256.7	26
	6.41	16.16	13.88	12.12	10.49	9.03	7.64	69.4	0.03125
		5.30	4.38	3.55	2.87	2.26	1.76	0.966	13
5:	10.04	16	7.39	0.08	7.3		5	1885.0	24
	6.51	16.89	14.39	12.48	10.84	9.29	7.86	77.7	0.01563
		5.35	4.37	3.53	2.79	2.29	1.85	1.106	13
6:	11.64	-3	7.70	0.11	8.2		5	1508.0	23
	6.83	17.55	14.98	13.08	11.31	9.75	8.17	74.5	0.03125
		5.65	4.63	3.77	3.04	2.46	1.95	0.874	13
7:	6.51	-7	7.73	0.21	9.0		5	2513.5	21
	6.83	17.72	15.18	13.13	11.49	9.83	8.21	82.4	0.01563
		5.66	4.68	3.78	3.05	2.43	1.99	1.171	13
8:	4.65	10	7.58	0.00	10.5		5	3770.3	23
	6.83	17.81	15.18	13.32	11.57	9.88	8.08	90.6	0.00781
		5.67	4.65	3.84	3.00	2.24	1.89	2.064	13

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990N	980N ON	975N 990N	970N 11169N	960N 776	950N 4	940N	920N 10:39:03	900N	880N
1:	84.92	0	4.81	0.19	11.5		5	188.5	21
	4.38	9.72	8.55	7.63	6.69	5.79	5.06	36.3	0.50000
		3.60	3.00	2.46	2.02	1.68	1.27	1.602	13
2:	49.03	7	5.83	0.00	11.3		5	377.0	24
	5.20	12.38	10.71	9.49	8.31	7.23	6.17	48.3	0.12500
		4.35	3.59	2.93	2.36	1.89	1.49	0.871	13
3:	54.56	-9	6.62	0.00	9.1		5	377.0	27
	5.94	13.95	12.07	10.65	9.33	8.15	6.99	50.6	0.50000
		5.00	4.19	3.46	2.83	2.31	1.88	1.362	13
4:	25.80	-1	7.32	0.00	8.4		5	754.0	25
	6.56	15.65	13.53	11.89	10.40	9.03	7.73	58.1	0.25000
		5.48	4.58	3.81	3.10	2.48	2.05	1.327	13
5:	14.48	5	7.27	0.19	8.2		5	1256.7	23
	6.43	16.41	14.08	12.30	10.64	9.15	7.73	84.1	0.00781
		5.33	4.33	3.45	2.76	2.19	1.64	2.073	13
6:	17.35	-2	7.53	0.00	10.1		5	1099.6	25
	6.68	16.96	14.61	12.72	11.00	9.46	7.99	79.6	0.01563
		5.48	4.52	3.65	2.91	2.35	1.92	1.025	13
7:	8.64	-1	7.89	0.17	8.3		5	1979.3	22
	7.00	17.86	15.35	13.33	11.56	9.97	8.40	76.9	0.03125
		5.79	4.81	3.94	3.20	2.56	2.06	1.128	13
8:	5.19	-1	7.77	0.08	8.9		5	3110.5	21
	6.85	18.00	15.45	13.51	11.41	9.75	8.28	75.9	0.03125
		5.68	4.63	3.80	3.16	2.58	2.03	2.075	13

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1000N	980N ON	975N 1000N	970N 11169N	960N 544	950N 4	940N	920N 10:42:02	900N	880N
1:	23.34	1	6.39	0.00	11.9		5	628.3	27
	5.78	13.13	11.52	10.35	9.01	7.87	6.48	47.7	2.00000
		4.59	4.19	3.12	3.10	2.21	2.22	7.032	13
2:	15.80	6	7.12	0.11	11.7		5	942.5	27
	6.33	15.00	12.94	11.45	10.09	8.76	7.53	58.7	0.12500
		5.33	4.42	3.60	2.93	2.31	1.80	1.333	13

D23_RAW.txt

3:	20.06	-7	7.29	0.12	8.9		5	754.0	28
	6.55	15.73	13.64	12.01	10.49	9.08	7.73	58.6	0.25000
		5.45	4.57	3.83	3.18	2.58	2.07	1.898	13
4:	10.76	-2	7.75	0.21	8.2		5	1256.7	25
	6.88	16.68	14.45	12.70	11.01	9.58	8.24	87.8	0.00781
		5.72	4.69	3.73	2.87	2.17	1.68	4.218	13
5:	6.65	6	7.72	0.16	8.1		5	1885.0	23
	6.91	17.23	14.80	12.89	11.16	9.68	8.19	65.6	0.12500
		5.81	4.87	4.05	3.31	2.77	2.00	2.623	13
6:	8.70	-3	7.63	0.00	9.9		5	1508.0	24
	6.80	17.44	14.89	13.07	11.26	9.69	8.12	89.4	0.00781
		5.54	4.60	3.72	2.93	2.33	1.82	1.101	13
7:	4.71	0	8.10	0.14	8.2		5	2513.5	22
	7.22	18.01	15.55	13.53	11.76	10.19	8.61	68.4	0.12500
		6.00	4.95	4.07	3.38	2.82	2.29	2.481	13
8:	2.99	-1	7.95	0.27	8.8		5	3770.3	21
	6.99	17.93	15.42	13.62	11.61	10.10	8.44	71.7	0.06250
		5.82	4.69	3.84	3.39	2.72	2.15	3.032	13

*

	1010N	1000N ON	995N 1010N	990N 11189N	980N 544	970N 4	960N 10:45:45	940N	920N	900N
1:	57.89	-17	4.62	0.07	13.1		5	188.5	20	
	4.16	9.15	7.72	6.98	5.98	5.01	4.73	35.6	0.12500	
		3.10	2.63	2.06	1.78	1.38	1.11	3.785	13	
2:	36.50	16	5.50	0.07	13.7		5	377.0	25	
	4.92	11.72	10.14	8.90	7.86	6.85	5.83	43.9	0.25000	
		4.19	3.48	2.86	2.34	1.85	1.47	1.101	13	
3:	38.39	-16	6.61	0.05	7.4		5	377.0	27	
	5.95	13.66	11.86	10.52	9.25	8.09	6.97	50.1	0.50000	
		4.96	4.14	3.42	2.80	2.30	1.84	0.942	13	
4:	19.62	4	7.68	0.14	7.5		5	754.0	27	
	6.88	16.18	14.01	12.43	10.87	9.47	8.12	61.0	0.25000	
		5.77	4.82	4.02	3.38	2.63	2.10	1.537	13	
5:	11.52	4	7.58	0.23	7.0		5	1256.7	27	
	6.74	16.92	14.48	12.66	11.01	9.47	8.05	60.8	0.25000	
		5.57	4.61	3.75	3.06	2.70	2.34	4.830	13	
6:	11.34	3	7.88	0.18	8.9		5	1099.6	23	
	6.99	17.53	15.02	13.23	11.44	9.85	8.35	82.3	0.01563	
		5.74	4.70	3.77	3.00	2.41	1.93	0.917	13	
7:	6.40	-4	7.89	0.02	9.7		5	1979.3	23	
	7.01	17.85	15.21	13.28	11.60	9.85	8.33	76.4	0.03125	
		5.75	4.68	3.83	3.23	2.53	2.08	1.822	13	
8:	3.73	5	7.79	0.27	8.2		5	3110.5	21	
	6.97	17.76	15.06	13.18	11.14	9.47	8.22	89.5	0.00781	
		5.71	4.32	3.36	2.87	2.39	2.04	4.329	13	

*

	1020N	1000N ON	995N 1020N	990N 11189N	980N 544	970N 4	960N 10:48:37	940N	920N	900N
1:	21.71	-17	5.98	0.26	13.2		5	628.3	25	
	5.51	12.97	11.93	10.45	7.73	7.01	6.47	57.3	0.03125	
		4.55	3.21	3.57	2.35	1.44	1.70	11.954	13	

D23_RAW.txt									
2:	16.04	16	7.03	0.18	13.8		5	942.5	28
		14.39	12.46	11.11	9.89	8.61	7.39	52.4	2.00000
	6.35	5.25	4.24	3.54	3.14	2.95	2.26	5.837	13
3:	19.28	-15	7.34	0.07	7.4		5	754.0	27
		15.47	13.47	11.88	10.40	9.06	7.76	60.7	0.12500
	6.59	5.50	4.55	3.72	3.01	2.40	1.89	0.906	13
4:	11.27	2	8.04	0.67	7.5		5	1256.7	26
		17.09	14.90	13.12	11.39	9.93	8.50	61.9	0.50000
	7.20	6.03	5.04	4.30	3.72	3.14	2.61	2.825	11
5:	7.27	5	8.43	0.51	6.9		5	1885.0	25
		18.31	15.83	13.92	12.15	10.49	8.91	95.7	0.00781
	7.58	6.32	5.06	3.87	2.79	1.87	1.16	4.991	11
6:	7.87	4	7.53	0.49	8.8		5	1508.0	22
		17.11	14.64	12.84	11.08	9.54	8.05	87.4	0.00781
	6.61	5.32	4.28	3.59	2.95	2.34	1.92	1.616	11
7:	4.89	-4	7.50	0.33	9.6		5	2513.5	23
		17.42	14.89	12.97	11.16	9.57	8.01	141.0	0.00049
	6.61	5.38	4.28	3.41	2.63	1.95	1.43	3.559	12
8:	3.02	5	7.82	0.01	8.1		5	3770.3	21
		18.14	15.57	13.60	11.38	9.93	8.25	102.6	0.00391
	7.02	5.87	4.57	3.84	3.00	2.33	1.81	2.052	13

*
1030N 1020N 1015N 1010N 1000N 990N 980N 960N 940N 920N
ON ON 1030N 11209N 544 4 10:51:38|

1:	69.37	-8	5.03	0.09	11.8		5	188.5	24
		10.24	8.87	7.87	6.97	6.04	5.29	38.0	0.50000
	4.49	3.73	3.19	2.60	2.12	1.70	1.40	1.128	13
2:	35.57	-0	5.41	0.13	13.0		5	377.0	25
		11.50	9.95	8.78	7.68	6.71	5.73	51.2	0.03125
	4.84	4.02	3.34	2.67	2.11	1.59	1.24	3.416	13
3:	37.46	2	6.64	0.01	7.5		5	377.0	26
		13.79	11.97	10.62	9.31	8.16	7.00	49.9	1.00000
	5.96	5.04	4.23	3.52	2.92	2.42	1.98	1.862	13
4:	17.70	-5	7.20	0.11	6.7		5	754.0	25
		15.27	13.26	11.74	10.25	8.92	7.63	56.9	0.25000
	6.46	5.38	4.47	3.66	2.93	2.42	2.02	1.499	13
5:	10.54	-9	7.77	0.09	5.3		5	1256.7	24
		16.55	14.39	12.72	11.09	9.68	8.23	64.6	0.12500
	6.94	5.81	4.79	3.93	3.31	2.61	1.97	1.640	13
6:	11.67	10	8.43	0.10	5.8		5	1099.6	24
		18.03	15.74	13.83	11.99	10.43	8.93	67.1	0.25000
	7.56	6.39	5.34	4.42	3.67	2.93	2.26	1.533	13
7:	5.66	-0	7.29	0.76	9.0		5	1979.3	21
		17.36	15.08	13.08	11.08	9.52	7.81	160.0	0.00024
	6.37	5.02	3.88	2.90	2.26	1.64	1.05	2.934	9
8:	3.82	3	8.41	0.14	9.6		5	3110.5	22
		17.78	15.64	13.91	11.98	10.55	8.85	63.1	1.00000
	7.46	6.09	4.92	4.06	3.63	3.22	2.92	7.648	13

*
1040N 1020N 1015N 1010N 1000N 990N 980N 960N 940N 920N
ON ON 1040N 11209N 544 4 10:54:25|

D23_RAW.txt										
1:	23.09	-6	6.42	0.03	12.1		5	628.3	27	
		13.64	11.69	9.90	8.89	7.85	7.10	55.9	0.06250	
	5.81	4.96	3.76	2.96	2.39	1.91	1.79	5.258	13	
2:	14.38	-2	6.98	0.01	13.3		5	942.5	25	
		14.66	12.70	11.28	9.87	8.49	7.37	57.7	0.12500	
	6.25	5.30	4.47	3.69	2.94	2.25	1.67	3.565	13	
3:	17.95	3	7.15	0.06	7.5		5	754.0	25	
		15.57	13.42	11.81	10.27	8.90	7.57	63.4	0.06250	
	6.38	5.29	4.39	3.56	2.86	2.28	1.82	0.606	13	
4:	9.96	-4	7.46	0.42	6.7		5	1256.7	23	
		16.50	14.19	12.47	10.85	9.33	7.92	77.7	0.01563	
	6.64	5.46	4.50	3.60	2.90	2.10	1.64	2.843	12	
5:	6.60	-8	7.76	0.21	5.3		5	1885.0	23	
		17.03	14.77	12.93	11.24	9.72	8.24	62.2	0.25000	
	6.94	5.75	4.84	4.05	3.32	2.63	2.24	2.338	13	
6:	8.13	9	7.94	0.16	5.8		5	1508.0	23	
		17.77	15.21	13.36	11.50	9.91	8.42	64.4	0.25000	
	7.10	5.90	4.92	4.10	3.53	2.80	2.45	4.053	13	
7:	4.36	1	6.59	0.69	9.0		5	2513.5	20	
		16.72	14.13	12.34	10.45	8.73	7.15			
	5.66	4.43	3.37	2.19	1.10	0.28	-0.21		98	
8:	3.13	2	7.42	0.00	9.5		5	3770.3	22	
		17.43	14.69	13.22	11.30	9.40	7.90	88.2	0.00781	
	6.66	5.35	4.23	3.46	3.00	2.46	1.86	3.054	13	
*	1050N	1040N ON	1035N 1050N	1030N 11229N	1020N 657	1010N 4	1000N	980N 10:58:34	960N	940N
1:	71.01	-6	5.01	0.06	10.6		5	188.5	20	
		10.33	8.97	7.94	7.03	6.16	5.25	41.3	0.12500	
	4.48	3.75	3.07	2.52	2.05	1.60	1.30	1.403	13	
2:	40.68	4	5.82	0.00	9.9		5	377.0	23	
		12.21	10.60	9.37	8.24	7.21	6.15	46.3	0.25000	
	5.22	4.38	3.68	3.04	2.45	1.98	1.61	0.909	13	
3:	45.73	-8	6.85	0.02	6.4		5	377.0	26	
		14.40	12.50	11.04	9.66	8.43	7.24	54.3	0.25000	
	6.15	5.17	4.30	3.53	2.89	2.35	1.90	0.972	13	
4:	23.47	-4	7.38	0.01	7.8		5	754.0	27	
		15.95	13.82	12.15	10.57	9.14	7.82	65.3	0.06250	
	6.57	5.47	4.51	3.67	2.97	2.37	1.88	0.532	13	
5:	13.04	8	7.66	0.07	4.7		5	1256.7	25	
		16.72	14.44	12.60	11.03	9.52	8.08	73.3	0.03125	
	6.84	5.68	4.67	3.74	3.02	2.41	1.91	1.080	13	
6:	13.54	-8	7.77	0.06	4.2		5	1099.6	23	
		17.06	14.70	12.84	11.22	9.67	8.21	74.4	0.03125	
	6.89	5.72	4.71	3.77	3.03	2.46	2.00	1.089	13	
7:	7.42	5	8.24	0.05	6.0		5	1979.3	22	
		18.24	15.82	13.80	11.89	10.34	8.79	73.2	0.06250	
	7.25	6.06	5.02	3.99	3.22	2.68	2.19	1.671	13	
8:	4.26	6	7.63	0.23	9.0		5	3110.5	20	
		17.68	15.24	13.08	11.24	9.42	7.82	89.5	0.00781	
	6.62	5.53	4.65	3.82	3.08	2.32	1.80	2.490	13	

D23_RAW.txt

*									
1060N	1040N ON	1035N 1060N	1030N 11229N	1020N 956	1010N 4	1000N 11:01:51	980N	960N	940N
1:	37.96	-7	6.71	0.30	10.6		5	628.3	25
	5.86	13.27	11.69	10.88	9.60	8.12	7.35	49.7	1.00000
		4.83	3.95	3.68	3.12	2.27	1.99	4.326	13
2:	26.05	5	6.91	0.00	9.9		5	942.5	26
	6.24	14.79	12.78	11.23	9.86	8.70	7.30	61.7	0.06250
		5.31	4.42	3.58	2.84	2.24	1.67	2.980	13
3:	33.92	-8	7.59	0.02	6.4		5	754.0	27
	6.81	16.18	14.04	12.40	10.85	9.43	8.03	63.1	0.12500
		5.67	4.71	3.86	3.13	2.49	1.99	0.543	13
4:	19.92	-3	7.92	0.08	7.8		5	1256.7	26
	7.08	17.13	14.80	13.00	11.33	9.84	8.39	66.1	0.12500
		5.91	4.87	4.02	3.27	2.64	2.15	0.949	13
5:	12.22	8	7.84	0.16	4.7		5	1885.0	24
	7.00	17.38	14.95	13.11	11.34	9.83	8.30	70.1	0.06250
		5.83	4.79	3.92	3.22	2.59	2.03	0.821	13
6:	13.94	-7	7.77	0.09	4.2		5	1508.0	22
	6.92	17.32	14.91	13.01	11.33	9.76	8.26	75.1	0.03125
		5.71	4.74	3.82	3.07	2.50	1.98	0.674	13
7:	8.36	4	7.78	0.15	6.0		5	2513.5	22
	6.89	17.82	15.44	13.38	11.60	9.96	8.31	158.9	0.00024
		5.58	4.36	3.41	2.47	1.62	1.17	13.807	13
8:	5.08	8	8.69	0.00	8.9		5	3770.3	20
	7.87	18.38	15.99	14.29	12.15	10.50	9.22	95.6	256.00000
		6.77	5.81	5.29	4.82	4.37	3.71	9.128	13
*									
1070N	1060N ON	1055N 1070N	1050N 11249N	1040N 860	1030N 4	1020N 11:04:59	1000N	980N	960N
1:	101.27	-2	5.21	0.05	12.3		5	188.5	22
	4.69	10.47	9.15	8.22	7.29	6.34	5.50	39.6	0.50000
		4.00	3.30	2.74	2.30	1.79	1.41	1.481	13
2:	66.28	7	6.53	0.14	11.7		5	377.0	29
	5.91	12.86	11.29	10.09	8.94	7.93	6.87	48.8	4.00000
		5.02	4.25	3.57	2.97	2.46	2.05	1.669	13
3:	62.69	-13	7.32	0.01	5.3		5	377.0	27
	6.59	14.76	12.93	11.53	10.19	8.95	7.72	55.4	0.50000
		5.56	4.65	3.84	3.16	2.55	2.04	0.871	13
4:	28.17	1	7.60	0.01	4.8		5	754.0	25
	6.82	16.00	13.91	12.30	10.78	9.38	8.03	60.2	0.25000
		5.74	4.78	3.93	3.21	2.61	2.09	0.803	13
5:	17.49	0	7.88	0.05	3.7		5	1256.7	26
	7.04	17.09	14.81	12.98	11.33	9.82	8.34	69.9	0.06250
		5.87	4.85	3.93	3.18	2.53	2.02	0.562	13
6:	18.83	3	7.85	0.04	4.4		5	1099.6	24
	6.99	17.41	15.01	13.15	11.44	9.87	8.34	70.0	0.06250
		5.82	4.77	3.88	3.16	2.52	2.04	0.809	13
7:	9.22	-11	7.43	0.13	4.5		5	1979.3	21
	6.59	17.08	14.67	12.76	11.05	9.46	7.94	96.6	0.00391
		5.40	4.35	3.44	2.75	2.17	1.75	1.411	13

D23_RAW.txt									
8:	5.96	11	7.37	0.85	5.6		5	3110.5	22
		17.74	15.16	13.09	11.25	9.49	7.89	110.1	0.00195
	6.41	5.32	4.24	3.29	2.61	2.45	2.05	0.704	8
*									
1080N	1060N	1055N	1050N	1040N	1030N	1020N	1000N	980N	960N
	ON	1080N	11249N	400	4	11:08:02			
1:	15.91	-2	6.58	0.66	12.7		5	628.3	25
		14.44	13.02	11.62	10.46	8.80	7.35	57.6	0.12500
	5.28	4.98	4.26	3.86	3.26	2.97	2.00	6.579	10
2:	12.28	8	7.78	0.05	12.1		5	942.5	29
		15.54	13.47	12.01	10.56	9.32	8.16	57.1	2.00000
	7.12	6.10	5.11	4.15	3.46	2.75	2.31	1.715	13
3:	13.47	-12	8.22	0.05	5.3		5	754.0	25
		16.90	14.78	13.02	11.48	10.04	8.68	62.3	0.50000
	7.36	6.17	5.17	4.33	3.59	2.91	2.28	1.242	13
4:	7.15	1	7.47	0.12	4.9		5	1256.7	22
		16.57	14.32	12.55	10.91	9.38	7.93	95.6	0.00391
	6.61	5.41	4.35	3.48	2.78	2.13	1.68	2.392	13
5:	4.98	-1	8.76	0.05	3.7		5	1885.0	23
		18.00	15.62	13.61	11.95	10.43	9.22	65.6	4.00000
	7.86	6.73	5.63	4.62	4.02	3.44	3.01	4.689	13
6:	5.93	4	7.87	0.24	4.4		5	1508.0	22
		17.57	15.11	13.20	11.56	9.91	8.34	82.4	0.01563
	6.98	5.78	4.71	3.78	3.02	2.40	1.89	1.080	13
7:	3.22	-11	8.51	0.00	4.5		5	2513.5	20
		18.18	15.73	14.00	12.10	10.65	9.04	64.6	2.00000
	7.59	6.47	5.59	4.61	3.92	3.33	2.80	4.085	13
8:	2.21	11	6.93	0.00	5.7		5	3770.3	21
		16.55	13.91	12.06	10.38	9.66	7.54		
	5.93	4.45	3.50	2.14	0.42	-1.30	-1.06		98
*									
1090N	1080N	1075N	1070N	1060N	1050N	1040N	1020N	1000N	980N
	ON	1090N	11269N	400	4	11:11:08			
1:	43.75	-17	5.03	0.13	14.6		5	188.5	21
		10.21	8.83	7.86	6.92	6.13	5.31	37.5	1.00000
	4.55	3.83	3.10	2.61	2.20	1.88	1.45	2.208	13
2:	29.63	8	6.11	0.03	11.6		5	377.0	28
		12.32	10.77	9.60	8.47	7.46	6.44	46.2	0.50000
	5.51	4.67	3.91	3.22	2.64	2.07	1.62	1.662	13
3:	29.46	-12	6.98	0.09	5.2		5	377.0	28
		14.21	12.41	11.07	9.77	8.57	7.36	52.6	0.50000
	6.27	5.26	4.40	3.60	2.94	2.38	1.91	0.684	13
4:	14.74	6	8.16	0.08	5.1		5	754.0	28
		16.67	14.60	12.96	11.36	10.01	8.63	61.9	0.50000
	7.35	6.19	5.17	4.27	3.50	2.85	2.35	1.086	13
5:	8.02	-8	8.39	0.06	3.7		5	1256.7	25
		17.74	15.48	13.69	11.92	10.41	8.87	69.4	0.12500
	7.52	6.35	5.31	4.34	3.52	2.76	2.04	2.631	13
6:	8.29	3	7.96	0.17	4.9		5	1099.6	23
		17.56	15.17	13.34	11.55	10.03	8.45	71.0	0.06250
	7.06	5.85	4.80	3.91	3.22	2.61	2.12	1.212	13

D23_RAW.txt									
7:	4.53	-0	7.40	0.03	5.0		5	1979.3	22
		17.00	14.76	12.76	10.94	9.46	7.88	139.0	0.00049
	6.47	5.27	4.25	3.39	2.75	2.06	1.46	4.356	13
8:	2.63	-2	7.78	0.20	4.3		5	3110.5	20
		17.57	15.22	13.17	11.42	9.98	8.28	127.7	0.00098
	6.77	5.64	4.74	3.65	2.91	2.10	1.56	5.219	13
*									
1100N	1080N	1075N	1070N	1060N	1050N	1040N	1020N	1000N	980N
	ON	1100N	11269N	400	4		11:14:10		
1:	16.33	-18	6.54	0.51	14.3		5	628.3	26
		13.39	11.76	10.42	9.11	8.04	6.98	49.4	1.00000
	5.84	4.97	4.38	3.61	2.95	2.48	1.93	2.010	11
2:	12.99	9	7.40	0.02	11.5		5	942.5	31
		14.91	13.07	11.65	10.30	9.05	7.79	56.0	0.50000
	6.68	5.63	4.68	3.86	3.10	2.55	2.16	1.574	13
3:	14.91	-11	8.08	0.06	5.2		5	754.0	28
		16.46	14.40	12.75	11.27	9.93	8.52	61.3	0.50000
	7.29	6.18	5.22	4.27	3.46	2.82	2.25	1.017	13
4:	8.54	7	8.79	0.21	5.1		5	1256.7	27
		17.94	15.76	14.03	12.31	10.78	9.27	66.5	0.50000
	7.85	6.60	5.53	4.62	3.74	3.19	2.47	1.516	13
5:	5.10	-7	8.33	0.84	3.6		5	1885.0	24
		17.78	15.36	13.57	11.88	10.26	8.77	68.6	0.12500
	7.52	6.16	4.99	3.84	3.10	2.49	2.16	1.117	9
6:	5.89	2	8.35	0.01	4.9		5	1508.0	22
		17.80	15.48	13.52	11.87	10.25	8.79	69.4	0.12500
	7.48	6.26	5.29	4.30	3.45	2.77	2.22	1.175	13
7:	3.52	1	7.18	0.00	5.0		5	2513.5	22
		17.14	14.68	12.57	10.89	9.11	7.59	151.7	0.00024
	6.24	4.99	4.00	3.20	2.41	1.81	1.24	7.668	13
8:	2.16	-2	7.83	0.04	4.3		5	3770.3	20
		17.99	15.15	12.82	11.35	9.62	8.23	127.0	0.00098
	6.91	5.65	4.57	3.81	2.81	2.19	1.48	5.973	13
*									
1110N	1100N	1095N	1090N	1080N	1070N	1060N	1040N	1020N	1000N
	ON	1110N	11289N	400	4		11:20:14		
1:	43.45	-20	5.37	0.03	24.0		5	188.5	20
		10.29	9.08	8.17	7.34	6.42	5.59	39.0	1.00000
	4.89	4.01	3.40	2.69	2.31	1.80	1.50	1.693	13
2:	24.56	24	6.06	0.10	22.5		5	377.0	23
		12.58	10.86	9.60	8.44	7.41	6.40	46.4	0.50000
	5.42	4.58	3.86	3.22	2.64	2.15	1.72	1.471	13
3:	26.17	-4	6.77	0.00	8.6		5	377.0	25
		13.66	11.96	10.65	9.41	8.27	7.13	51.3	0.50000
	6.10	5.11	4.29	3.53	2.88	2.36	1.93	0.983	13
4:	14.62	-6	7.94	0.01	7.3		5	754.0	28
		16.25	14.19	12.57	11.11	9.73	8.38	60.4	0.50000
	7.12	6.02	5.05	4.19	3.48	2.78	2.28	1.278	13
5:	8.55	1	8.54	0.07	3.5		5	1256.7	27
		17.75	15.47	13.67	12.04	10.54	9.03	64.8	0.50000
	7.67	6.44	5.34	4.39	3.63	3.03	2.45	1.465	13

D23_RAW.txt									
6:	8.85	-0	8.61	0.26	3.6		5	1099.6	24
	7.67	18.33	16.00	14.12	12.31	10.71	9.13	68.1	0.25000
		6.36	5.33	4.41	3.62	2.97	2.40	1.426	13
7:	4.36	-0	8.01	0.28	4.3		5	1979.3	22
	7.11	17.58	15.22	13.36	11.46	9.98	8.45	71.2	0.06250
		5.89	4.88	4.01	3.30	2.50	2.12	1.484	13
8:	2.81	5	8.30	0.35	4.1		5	3110.5	22
	7.29	17.77	15.58	13.72	11.69	10.21	8.69	62.4	2.00000
		6.00	5.01	4.25	3.81	3.26	3.01	7.895	13
*									
1120N	1100N	1095N	1090N	1080N	1070N	1060N	1040N	1020N	1000N
	ON	1120N	11289N	400	4		11:22:59		
1:	16.49	-19	6.86	0.20	24.2		5	628.3	26
	6.04	13.29	11.71	10.53	9.20	8.33	7.15	50.5	0.50000
		5.08	4.29	3.64	2.88	2.31	1.67	3.423	13
2:	10.83	24	7.73	0.28	22.7		5	942.5	26
	7.02	15.92	13.79	12.22	10.72	9.36	8.12	58.7	4.00000
		6.08	5.19	4.32	3.48	2.94	2.64	3.727	13
3:	13.23	-3	7.48	0.02	8.6		5	754.0	25
	6.68	15.62	13.61	12.02	10.55	9.22	7.92	61.7	0.12500
		5.53	4.61	3.76	3.22	2.46	1.89	1.946	13
4:	8.49	-7	8.35	0.06	7.3		5	1256.7	27
	7.46	17.62	15.31	13.49	11.79	10.25	8.82	63.6	0.50000
		6.22	5.18	4.27	3.56	2.97	2.48	2.513	13
5:	5.45	1	8.56	0.01	3.5		5	1885.0	26
	7.69	18.21	15.78	13.89	12.15	10.61	9.06	67.9	0.25000
		6.49	5.46	4.49	3.63	2.93	2.37	1.019	13
6:	6.20	0	8.45	0.04	3.6		5	1508.0	23
	7.60	18.43	15.92	14.02	12.24	10.54	9.02	67.7	0.25000
		6.44	5.32	4.31	3.54	2.93	2.47	2.206	13
7:	3.38	-1	7.61	0.22	4.3		5	2513.5	21
	6.68	17.44	15.23	13.09	11.16	9.59	8.06	80.7	0.01563
		5.62	4.57	3.56	3.03	2.39	1.90	1.395	13
8:	2.30	6	7.33	0.10	4.1		5	3770.3	22
	6.34	17.22	15.10	13.02	11.02	9.22	7.82	160.7	0.00024
		5.48	4.29	3.31	2.53	1.94	1.69	3.631	13
*									
1130N	1120N	1115N	1110N	1100N	1090N	1080N	1060N	1040N	1020N
	ON	1130N	11309N	400	4		11:26:03		
1:	51.87	-6	5.44	0.14	21.6		5	188.5	24
	4.91	10.58	9.25	8.32	7.53	6.66	5.77	40.3	1.00000
		4.18	3.55	2.89	2.33	1.94	1.53	1.498	13
2:	29.24	10	6.21	0.02	17.2		5	377.0	28
	5.58	12.52	10.94	9.80	8.63	7.58	6.54	46.7	0.50000
		4.70	3.91	3.24	2.66	2.09	1.61	1.931	13
3:	29.57	-15	7.35	0.11	11.5		5	377.0	28
	6.65	14.61	12.82	11.47	10.14	8.94	7.74	54.0	1.00000
		5.61	4.71	3.87	3.14	2.54	2.06	0.965	13
4:	13.94	3	7.83	0.00	9.7		5	754.0	26
	7.02	16.12	14.12	12.58	10.99	9.61	8.29	67.6	0.06250
		5.77	4.72	3.86	3.08	2.39	1.83	2.755	13

D23_RAW.txt									
5:	7.74	-0	8.36	0.13	7.5		5	1256.7	24
	17.31	15.12	13.47	11.76	10.37	8.85	65.9	0.25000	
	7.57	6.37	5.28	4.33	3.48	2.83	2.30	0.846	13
6:	9.23	-2	8.53	0.00	5.5		5	1099.6	25
	17.99	15.83	14.15	12.19	10.65	9.10	80.4	0.03125	
	7.61	6.31	5.12	4.22	3.33	2.60	1.93	3.086	13
7:	4.60	-5	8.69	0.38	3.7		5	1979.3	23
	18.63	16.39	14.22	12.55	10.77	9.28	109.4	0.00391	
	7.73	6.43	5.29	4.07	3.07	2.15	1.36	6.396	12
8:	2.72	8	7.98	0.08	4.1		5	3110.5	21
	18.20	16.05	13.86	12.05	10.13	8.57	170.1	0.00024	
	7.00	6.16	5.38	3.88	2.51	1.69	1.44	13.142	13

*									
1140N	1120N	1115N	1110N	1100N	1090N	1080N	1060N	1040N	1020N
	ON	1140N	11309N	400	4	11:28:54			
1:	18.43	-7	7.44	0.01	20.5		5	628.3	29
	14.00	12.51	11.29	9.98	8.81	7.82	53.7	1.00000	
	6.67	5.68	4.79	3.94	3.10	2.53	2.05	1.918	13
2:	12.37	13	7.96	0.24	16.6		5	942.5	29
	15.88	13.94	12.41	11.07	9.75	8.38	59.7	4.00000	
	7.20	6.15	5.24	4.44	3.71	3.08	2.47	1.841	13
3:	14.48	-16	8.28	0.01	11.2		5	754.0	27
	16.77	14.70	13.03	11.50	10.08	8.73	61.2	1.00000	
	7.44	6.28	5.27	4.34	3.59	2.95	2.44	1.273	13
4:	7.90	4	8.38	0.02	9.7		5	1256.7	25
	17.52	15.25	13.50	11.83	10.30	8.88	63.8	0.50000	
	7.48	6.34	5.29	4.40	3.58	2.92	2.41	1.339	13
5:	4.86	1	9.07	0.13	7.4		5	1885.0	23
	18.47	16.16	14.32	12.55	11.09	9.57	67.6	1.00000	
	8.20	6.99	5.88	4.91	4.04	3.33	2.67	1.436	13
6:	6.42	-4	8.91	0.21	5.5		5	1508.0	24
	18.67	16.22	14.34	12.57	10.92	9.43	66.6	1.00000	
	7.96	6.81	5.71	4.79	3.99	3.22	2.62	1.925	13
7:	3.53	-4	9.85	0.20	3.6		5	2513.5	22
	19.82	17.59	15.18	13.54	11.91	10.32	89.5	64.00000	
	8.95	7.65	6.71	5.84	5.08	4.40	3.97	6.241	13
8:	2.24	7	8.70	0.32	4.1		5	3770.3	21
	18.47	16.05	14.16	12.18	10.66	9.20	66.8	4.00000	
	7.83	6.72	5.75	4.84	4.06	3.41	3.17	5.624	13

*									
1150N	1140N	1135N	1130N	1120N	1110N	1100N	1080N	1060N	1040N
	ON	1150N	11329N	400	4	11:32:38			
1:	47.56	-18	5.84	0.08	19.8		6	188.5	22
	11.42	9.87	8.85	7.90	6.89	6.12	42.3	1.00000	
	5.16	4.33	3.61	3.09	2.55	1.94	1.61	1.910	13
2:	28.91	29	6.61	0.07	19.5		6	377.0	27
	13.19	11.55	10.31	9.14	8.07	6.96	49.2	2.00000	
	6.01	5.11	4.31	3.55	2.94	2.47	2.05	1.694	13
3:	28.64	-19	7.44	0.04	13.6		6	377.0	27
	15.00	13.16	11.71	10.34	9.07	7.84	56.4	0.50000	
	6.70	5.65	4.75	3.97	3.26	2.60	2.04	1.430	13

D23_RAW.txt									
4:	15.14	8	8.47	0.00	13.6		6	754.0	29
	7.65	16.83	14.85	13.25	11.72	10.33	8.92	62.4	2.00000
		6.46	5.42	4.53	3.79	3.16	2.61	1.719	13
5:	8.22	-9	8.78	0.15	9.1		6	1256.7	26
	7.91	17.96	15.69	13.95	12.22	10.70	9.27	65.4	2.00000
		6.71	5.69	4.81	3.98	3.32	2.80	2.612	13
6:	8.26	6	8.53	0.05	7.7		6	1099.6	23
	7.67	18.06	15.72	13.89	12.09	10.58	9.02	65.3	0.50000
		6.42	5.38	4.46	3.69	3.01	2.49	1.806	13
7:	4.70	-9	8.93	0.51	5.6		6	1979.3	23
	8.00	18.64	16.43	14.52	12.57	11.03	9.46	68.2	4.00000
		6.80	5.84	4.93	4.18	3.58	3.11	4.800	13
8:	2.79	5	10.10	0.45	3.8		6	3110.5	22
	9.04	19.96	17.84	15.82	13.77	12.13	10.63	90.9	64.00000
		7.70	6.68	5.86	5.30	4.50	3.96	6.264	13
*									
1160N	1140N	1135N	1130N	1120N	1110N	1100N	1080N	1060N	1040N
	ON	1160N	11329N	400	4		11:35:44		
1:	16.96	-19	7.25	0.05	19.6		6	628.3	27
	6.57	14.35	12.61	11.34	10.20	8.90	7.74	56.6	0.25000
		5.44	4.76	3.94	3.20	2.15	1.91	5.031	13
2:	12.06	29	7.82	0.38	19.3		6	942.5	28
	7.09	15.83	13.87	12.39	10.93	9.60	8.22	58.6	2.00000
		5.98	5.09	4.38	3.66	2.98	2.42	2.236	13
3:	13.78	-19	8.37	0.12	13.2		6	754.0	26
	7.55	17.07	14.92	13.20	11.64	10.20	8.82	62.0	2.00000
		6.44	5.52	4.47	3.74	3.14	2.53	1.923	13
4:	8.39	8	8.76	0.22	13.4		6	1256.7	26
	7.91	17.86	15.62	13.83	12.17	10.75	9.25	65.4	0.50000
		6.52	5.40	4.51	3.66	2.93	2.41	1.134	13
5:	5.07	-10	8.61	0.09	9.0		6	1885.0	24
	7.79	18.25	15.79	13.93	12.18	10.57	9.02	65.7	0.50000
		6.52	5.48	4.45	3.61	3.05	2.53	2.139	13
6:	5.68	6	8.31	0.44	7.6		6	1508.0	21
	7.37	17.93	15.52	13.63	11.84	10.24	8.77	78.8	0.03125
		6.16	5.12	4.04	3.24	2.52	1.88	1.757	12
7:	3.58	-10	8.56	0.55	5.6		6	2513.5	23
	7.58	18.62	16.17	14.29	12.40	10.70	9.03	87.9	0.01563
		6.18	4.94	3.97	3.09	2.39	1.70	2.210	11
8:	2.26	6	8.50	1.81	3.8		6	3770.3	21
	7.44	18.16	15.94	13.90	11.97	10.37	8.91	79.2	0.03125
		6.08	4.70	4.09	3.03	2.17	1.64	0.278	5
*									
1170N	1160N	1155N	1150N	1140N	1130N	1120N	1100N	1080N	1060N
	ON	1170N	11349N	400	4		11:39:34		
1:	50.75	-14	5.22	0.04	30.4		5	188.5	24
	4.67	10.55	9.15	8.13	7.37	6.57	5.52	39.6	0.50000
		4.01	3.25	2.64	2.19	1.77	1.46	1.523	13
2:	30.30	28	6.20	0.08	30.9		5	377.0	29
	5.60	12.62	10.97	9.75	8.61	7.56	6.53	46.4	1.00000
		4.73	3.99	3.32	2.73	2.25	1.83	1.316	13

D23_RAW.txt

3:	27.89	-18	7.59	0.02	10.4		5	377.0	26
	6.85	15.21	13.31	11.86	10.48	9.24	7.99	56.0	2.00000
		5.81	4.88	4.08	3.38	2.79	2.31	1.479	13
4:	13.59	13	8.15	0.36	10.6		5	754.0	26
	7.29	16.94	14.81	13.14	11.60	10.09	8.62	64.3	0.25000
		6.07	5.10	4.16	3.40	2.79	2.30	1.298	13
5:	7.56	-16	8.57	0.86	10.5		5	1256.7	24
	7.73	17.54	15.24	13.49	11.76	10.31	9.02	63.4	1.00000
		6.62	5.53	4.55	3.68	3.02	2.25	1.613	10
6:	8.49	4	8.17	0.01	10.6		5	1099.6	23
	7.29	17.81	15.42	13.49	11.80	10.27	8.67	72.5	0.06250
		6.12	5.00	4.06	3.27	2.58	2.11	0.821	13
7:	4.12	-3	7.89	0.09	8.4		5	1979.3	20
	7.03	17.38	14.90	13.15	11.31	9.75	8.37	70.3	0.06250
		5.85	4.81	4.01	3.15	2.56	2.09	1.174	13
8:	2.82	1	8.33	0.00	5.5		5	3110.5	22
	7.42	18.76	16.10	13.93	12.30	10.92	8.92	68.0	0.25000
		6.48	5.21	4.25	3.53	2.99	2.57	3.887	13

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1180N	1160N ON	1155N 1180N	1150N 11349N	1140N 478	1130N 4	1120N 11:42:28	1100N	1080N	1060N
1:	21.12	-18	7.17	0.50	29.1		5	628.3	28
	6.19	14.03	12.13	10.80	9.53	8.52	7.64	54.2	0.25000
		5.57	4.64	3.46	2.62	2.14	1.41	4.982	11
2:	15.09	29	7.36	0.26	29.5		5	942.5	30
	6.63	15.39	13.39	11.88	10.46	9.19	7.80	55.5	1.00000
		5.56	4.68	3.91	3.26	2.75	2.22	2.330	13
3:	16.31	-16	8.19	0.02	10.3		5	754.0	26
	7.36	16.91	14.77	13.08	11.50	10.07	8.64	62.3	0.50000
		6.24	5.21	4.31	3.54	2.84	2.35	1.065	13
4:	9.32	13	8.57	0.15	10.5		5	1256.7	25
	7.64	17.94	15.60	13.78	12.10	10.53	9.06	66.8	0.25000
		6.39	5.35	4.39	3.59	2.90	2.18	1.723	13
5:	5.74	-17	8.23	0.33	10.4		5	1885.0	23
	7.38	17.84	15.46	13.53	11.75	10.20	8.72	69.2	0.12500
		6.24	5.18	4.26	3.54	2.69	2.28	1.832	13
6:	7.14	3	8.29	0.05	10.4		5	1508.0	23
	7.36	17.75	15.47	13.57	11.81	10.23	8.79	68.7	0.12500
		6.16	5.12	4.17	3.40	2.80	2.16	0.953	13
7:	3.83	-2	7.64	0.38	8.3		5	2513.5	20
	6.77	17.18	14.94	12.97	11.24	9.69	8.13	80.9	0.01563
		5.57	4.63	3.77	2.96	2.39	1.69	0.704	12
8:	2.78	0	8.59	0.19	5.4		5	3770.3	22
	7.30	18.17	15.62	13.67	11.77	10.41	9.17	86.5	0.01563
		6.31	5.19	4.09	3.17	2.78	1.67	6.749	13

*

1190N	1180N ON	1175N 1190N	1170N 11369N	1160N 760	1150N 4	1140N 11:45:30	1120N	1100N	1080N
1:	93.97	-29	5.43	0.05	23.5		5	188.5	23
	4.83	10.74	9.33	8.39	7.44	6.44	5.71	40.2	0.50000
		4.11	3.35	2.74	2.26	1.78	1.42	1.656	13

D23_RAW.txt

2:	50.75	22	6.71	0.10	23.8		5	377.0	25
		13.41	11.75	10.50	9.29	8.20	7.07	49.9	2.00000
	6.06	5.16	4.35	3.64	3.02	2.46	2.07	1.484	13
3:	54.37	-8	7.05	0.07	9.1		5	377.0	27
		14.61	12.72	11.28	9.91	8.66	7.44	57.7	0.12500
	6.31	5.27	4.37	3.55	2.86	2.26	1.75	1.773	13
4:	27.37	6	8.01	0.03	10.8		5	754.0	27
		16.57	14.46	12.83	11.27	9.84	8.46	60.6	0.50000
	7.20	6.06	5.04	4.16	3.43	2.77	2.21	0.858	13
5:	14.56	2	8.69	0.04	10.3		5	1256.7	24
		18.22	15.84	14.03	12.28	10.71	9.18	66.5	0.50000
	7.80	6.53	5.48	4.53	3.75	3.15	2.62	2.482	13
6:	15.50	-4	8.42	0.01	11.2		5	1099.6	22
		18.05	15.67	13.79	12.01	10.38	8.88	73.9	0.06250
	7.53	6.17	5.09	4.17	3.36	2.65	2.14	0.731	13
7:	8.35	-6	7.89	0.09	11.7		5	1979.3	22
		17.73	15.25	13.40	11.69	10.02	8.39	91.9	0.00781
	6.99	5.84	4.73	3.77	2.98	2.38	1.89	1.475	13
8:	4.85	6	8.60	0.20	8.4		5	3110.5	20
		18.36	16.10	14.14	12.33	10.69	9.12	66.1	2.00000
	7.69	6.87	5.65	4.75	4.06	3.43	2.95	4.566	13

*

	1200N	1180N ON	1175N 1200N	1170N 11369N	1160N 904	1150N 4	1140N 11:48:22	1120N	1100N	1080N
1:	39.99	-27	7.07	0.03	25.0		5	628.3	28	
		13.83	12.14	10.89	9.56	8.43	7.38	52.0	0.50000	
	6.20	5.28	4.36	3.51	2.92	2.33	1.92	1.101	13	
2:	25.69	22	7.76	0.10	24.0		5	942.5	27	
		15.82	13.86	12.31	10.91	9.52	8.17	58.1	1.00000	
	6.99	5.89	4.99	4.17	3.46	2.85	2.33	1.710	13	
3:	32.07	-6	8.01	0.04	8.9		5	754.0	27	
		16.59	14.48	12.81	11.25	9.83	8.45	62.9	0.25000	
	7.18	6.02	5.01	4.13	3.37	2.71	2.19	0.757	13	
4:	18.79	6	8.29	0.10	10.8		5	1256.7	26	
		17.45	15.25	13.45	11.77	10.23	8.77	68.5	0.12500	
	7.42	6.22	5.16	4.23	3.47	2.69	2.12	1.278	13	
5:	11.08	0	8.73	0.14	10.2		5	1885.0	23	
		18.50	16.11	14.19	12.39	10.81	9.23	69.0	0.25000	
	7.81	6.50	5.42	4.45	3.60	3.05	2.50	1.934	13	
6:	13.05	-5	8.31	0.05	11.0		5	1508.0	22	
		18.06	15.73	13.67	11.93	10.34	8.81	69.2	0.12500	
	7.42	6.18	5.13	4.20	3.39	2.75	2.23	0.937	13	
7:	7.71	-5	7.90	0.04	11.4		5	2513.5	21	
		17.58	15.34	13.29	11.56	9.96	8.40	82.8	0.01563	
	7.02	5.81	4.74	3.84	3.11	2.37	1.86	1.730	13	
8:	4.75	8	8.10	0.02	8.2		5	3770.3	20	
		17.55	15.44	13.39	11.71	10.02	8.49	77.0	0.03125	
	7.10	5.84	4.78	3.93	3.21	2.53	2.05	0.810	13	

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	1210N	1200N ON	1195N 1210N	1190N 11389N	1180N 904	1170N 4	1160N 11:51:22	1140N	1120N	1100N
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D23_RAW.txt										
1:	117.05	-10	4.89	0.03	13.0		5	188.5	24	
		10.04	8.71	7.69	6.75	6.07	5.19	37.1	0.50000	
	4.40	3.67	3.18	2.55	2.08	1.63	1.31	1.907	13	
2:	62.85	-3	6.59	0.01	19.6		5	377.0	26	
		12.91	11.33	10.14	8.99	7.95	6.92	48.5	2.00000	
	5.96	5.03	4.24	3.54	2.95	2.44	2.00	1.299	13	
3:	65.71	3	7.42	0.01	16.2		5	377.0	27	
		14.95	13.09	11.66	10.31	9.06	7.82	55.0	1.00000	
	6.69	5.65	4.75	3.94	3.25	2.65	2.14	0.797	13	
4:	31.28	-3	8.19	0.02	8.8		5	754.0	26	
		16.94	14.78	13.12	11.53	10.08	8.64	62.2	0.50000	
	7.37	6.21	5.19	4.30	3.53	2.85	2.30	0.772	13	
5:	17.84	-3	8.62	0.11	7.0		5	1256.7	25	
		18.09	15.73	13.84	12.11	10.55	9.11	65.5	0.50000	
	7.72	6.50	5.41	4.47	3.67	3.03	2.47	1.516	13	
6:	19.09	3	8.41	0.01	7.7		5	1099.6	23	
		18.21	15.79	13.84	12.09	10.49	8.92	74.5	0.06250	
	7.48	6.22	5.16	4.23	3.42	2.71	2.13	0.752	13	
7:	9.50	-4	8.40	0.05	10.9		5	1979.3	21	
		18.24	15.88	13.99	11.98	10.45	8.90	67.0	0.25000	
	7.51	6.28	5.19	4.30	3.48	2.89	2.49	2.882	13	
8:	6.07	3	8.19	0.27	10.4		5	3110.5	21	
		18.27	15.76	13.65	11.83	10.33	8.70	64.3	0.50000	
	7.25	6.06	5.15	4.33	3.69	3.07	2.59	4.587	13	
*	1220N	1200N ON	1195N 1220N	1190N 11389N	1180N 700	1170N 4	1160N	1140N 11:54:35	1120N	1100N
1:	30.84	-9	6.88	0.10	14.2		5	628.3	28	
		13.28	11.47	10.14	8.91	8.15	7.36	49.9	2.00000	
	6.52	5.29	4.38	3.87	3.00	2.53	1.88	3.677	13	
2:	19.90	-3	7.87	0.09	17.7		5	942.5	27	
		15.76	13.83	12.34	10.91	9.55	8.28	57.9	1.00000	
	7.07	5.95	5.00	4.15	3.44	2.76	2.22	0.801	13	
3:	24.39	3	8.32	0.01	14.4		5	754.0	26	
		17.12	14.96	13.25	11.69	10.25	8.80	63.0	0.50000	
	7.45	6.28	5.23	4.30	3.53	2.91	2.38	1.098	13	
4:	13.56	-3	8.44	0.07	8.8		5	1256.7	24	
		17.78	15.44	13.63	11.88	10.36	8.89	66.5	0.25000	
	7.56	6.31	5.22	4.30	3.60	2.97	2.30	1.468	13	
5:	8.61	-2	8.56	0.16	6.9		5	1885.0	23	
		18.41	16.05	14.02	12.23	10.70	9.09	75.9	0.06250	
	7.62	6.32	5.33	4.48	3.44	2.67	2.22	2.000	13	
6:	10.23	3	8.10	0.12	7.6		5	1508.0	22	
		17.93	15.54	13.48	11.72	10.19	8.58	72.1	0.06250	
	7.27	6.01	4.96	4.06	3.29	2.59	2.06	0.902	13	
7:	5.63	-5	8.00	0.49	10.8		5	2513.5	20	
		17.88	15.49	13.38	11.65	10.08	8.45	77.5	0.03125	
	7.13	5.89	4.86	4.05	3.27	2.53	2.02	1.199	12	
8:	3.81	4	7.65	0.12	10.3		5	3770.3	21	
		17.20	14.96	12.81	10.82	9.58	8.12	97.6	0.00391	
	6.95	5.44	4.57	3.73	2.78	2.13	1.62	4.176	13	

D23_RAW.txt

*	1230N	1220N ON	1215N 1230N	1210N 11409N	1200N 800	1190N 4	1180N 11:57:49	1160N	1140N	1120N
1:	108.50		-14 10.44	5.23 9.17	0.00 8.14	15.1 7.11		5 5.49	188.5 39.4	26 0.50000
	4.70		3.94	3.35	2.72	2.21	1.79	1.42	1.269	13
2:	54.70		18 12.90	6.38 11.26	0.02 10.04	15.1 8.88		5 6.73	377.0 48.4	26 0.50000
	5.74		4.85	4.04	3.34	2.74	2.21	1.77	0.745	13
3:	60.75		-2 14.74	7.39 12.93	0.01 11.54	7.7 10.21		5 7.79	377.0 54.8	29 1.00000
	6.68		5.66	4.76	3.95	3.25	2.65	2.15	0.882	13
4:	28.74		-5 16.62	8.00 14.54	0.13 12.90	10.1 11.30		5 8.46	754.0 60.7	27 0.50000
	7.17		6.04	5.06	4.18	3.36	2.74	2.26	1.198	13
5:	16.16		4 18.17	8.83 15.92	0.17 14.07	8.4 12.31		5 9.31	1256.7 66.4	25 0.50000
	7.96		6.67	5.53	4.52	3.84	3.07	2.34	1.758	13
6:	16.77		-3 18.33	8.45 15.87	0.03 13.91	6.7 12.14		5 8.95	1099.6 74.7	23 0.06250
	7.54		6.26	5.18	4.23	3.41	2.71	2.15	0.598	13
7:	8.74		-4 17.92	7.96 15.54	0.10 13.57	7.7 11.66		5 8.48	1979.3 92.8	22 0.00781
	7.08		5.83	4.80	3.82	3.25	2.40	1.77	3.129	13
8:	5.18		5 18.56	7.96 16.06	0.05 13.98	10.3 11.85		5 8.47	3110.5 168.7	20 0.00024
	7.03		5.81	4.69	3.67	2.78	1.95	1.30	9.938	13

*	1240N	1220N ON	1215N 1240N	1210N 11409N	1200N 800	1190N 4	1180N 12:00:33	1160N	1140N	1120N
1:	38.76		-14 13.99	7.03 12.32	0.12 11.00	15.0 10.00		6 7.44	628.3 52.8	30 0.50000
	6.28		5.31	4.33	3.63	2.96	2.36	1.99	1.274	13
2:	23.34		18 16.06	7.92 14.09	0.17 12.55	15.0 11.02		6 8.35	942.5 59.0	27 1.00000
	7.14		6.03	5.06	4.23	3.52	2.87	2.33	1.229	13
3:	30.09		-1 16.95	8.37 14.88	0.06 13.23	7.6 11.63		6 8.81	754.0 61.7	28 1.00000
	7.53		6.33	5.30	4.40	3.63	2.96	2.40	1.044	13
4:	16.43		-5 18.10	8.63 15.80	0.01 14.00	9.9 12.13		6 9.10	1256.7 68.3	26 0.25000
	7.75		6.52	5.45	4.53	3.77	2.97	2.32	1.461	13
5:	10.29		3 18.42	8.64 15.95	0.08 14.05	8.3 12.24		6 9.12	1885.0 68.0	24 0.25000
	7.71		6.46	5.35	4.44	3.61	2.89	2.39	1.209	13
6:	11.83		-2 18.36	8.47 15.97	0.08 14.13	6.7 12.22		6 8.99	1508.0 71.2	22 0.12500
	7.58		6.34	5.26	4.32	3.55	2.89	2.34	1.290	13
7:	6.79		-4 17.88	8.07 15.56	0.13 13.83	7.6 11.72		6 8.53	2513.5 72.7	21 0.06250
	7.20		5.97	4.94	4.04	3.31	2.68	2.23	1.934	13

D23_RAW.txt									
8:	4.27	4	8.68	0.13	10.2	6	3770.3	20	
	18.62	16.36	14.54	12.47	10.86	9.21	69.7	0.25000	
	7.79	6.49	5.39	4.57	3.88	3.04	2.51	2.359	13
*									
1250N	1240N	1235N	1230N	1220N	1210N	1200N	1180N	1160N	1140N
	ON	1250N	11429N	800	4	12:03:50			
1:	92.16	-9	5.41	0.03	14.3	5	188.5	22	
	10.84	9.45	8.43	7.53	6.66	5.71	40.9	0.50000	
	4.85	4.05	3.44	2.78	2.30	1.86	1.50	0.911	13
2:	49.88	5	5.87	0.09	11.6	5	377.0	24	
	12.04	10.47	9.31	8.19	7.18	6.20	44.7	0.50000	
	5.28	4.45	3.70	3.08	2.52	2.03	1.62	0.753	13
3:	54.42	-14	7.06	0.00	6.6	5	377.0	26	
	14.27	12.47	11.10	9.80	8.62	7.44	52.5	1.00000	
	6.37	5.40	4.55	3.76	3.09	2.52	2.04	0.839	13
4:	29.34	5	8.20	0.09	6.0	5	754.0	28	
	17.06	14.88	13.23	11.58	10.11	8.65	64.7	0.25000	
	7.35	6.15	5.11	4.22	3.46	2.84	2.29	1.217	13
5:	16.65	-0	8.86	0.03	5.7	5	1256.7	26	
	18.22	15.90	14.06	12.36	10.82	9.34	65.5	1.00000	
	7.98	6.73	5.60	4.66	3.83	3.15	2.57	1.483	13
6:	16.98	3	8.63	0.09	6.9	5	1099.6	23	
	18.49	16.04	14.15	12.35	10.73	9.13	71.7	0.12500	
	7.74	6.48	5.37	4.41	3.56	2.87	2.26	0.652	13
7:	8.62	-9	8.37	0.11	6.9	5	1979.3	21	
	18.24	15.71	13.93	12.05	10.46	8.88	69.7	0.12500	
	7.42	6.19	5.07	4.17	3.42	2.80	2.30	1.602	13
8:	5.36	7	8.27	0.04	7.6	5	3110.5	21	
	18.37	15.87	14.08	12.02	10.39	8.81	70.0	0.12500	
	7.31	6.08	5.11	4.13	3.40	2.87	2.42	3.207	13
*									
1260N	1240N	1235N	1230N	1220N	1210N	1200N	1180N	1160N	1140N
	ON	1260N	11429N	400	4	12:06:52			
1:	15.61	-9	7.39	0.56	14.2	5	628.3	25	
	14.43	12.67	11.65	10.44	9.22	7.82	56.3	8.00000	
	6.46	5.41	4.49	3.49	2.72	1.72	2.95	10.484	11
2:	10.20	4	7.85	0.90	11.7	5	942.5	24	
	15.62	13.57	12.06	10.69	9.39	8.26	58.1	0.50000	
	7.02	5.91	4.78	3.91	3.14	2.83	2.50	1.377	9
3:	13.01	-13	7.88	0.03	6.4	5	754.0	25	
	16.49	14.30	12.68	11.14	9.70	8.33	65.1	0.12500	
	7.05	5.94	4.95	4.05	3.34	2.69	1.90	3.157	13
4:	8.14	5	8.56	0.00	6.0	5	1256.7	26	
	18.26	15.88	14.14	12.28	10.67	9.07	65.6	0.50000	
	7.65	6.48	5.35	4.33	3.38	2.67	3.11	8.798	13
5:	5.14	-0	8.38	0.27	5.6	5	1885.0	24	
	18.37	15.95	13.99	12.28	10.43	8.90	70.4	0.12500	
	7.50	6.30	5.36	4.27	3.40	2.62	2.43	3.208	13
6:	5.83	3	7.99	0.00	6.8	5	1508.0	22	
	18.06	15.65	13.69	11.82	10.22	8.53	78.1	0.03125	
	7.05	6.11	5.00	3.96	3.21	2.54	2.04	1.185	13

D23_RAW.txt									
7:	3.29	-8	8.32	0.58	6.8	5	2513.5	21	
	18.21	15.63	13.84	12.01	10.35	8.88	79.3	0.03125	
	7.40	6.07	5.11	4.00	3.21	2.40	1.87	1.289	11
8:	2.17	7	7.64	0.32	7.5	5	3770.3	20	
	18.12	15.45	13.79	11.76	10.19	8.27	67.6	0.12500	
	6.58	5.73	4.78	4.04	3.29	2.42	2.86	9.895	13
*									
1270N	1260N ON	1255N 1270N	1250N 11449N	1240N 400	1230N 4	1220N 12:13:40	1200N	1180N	1160N
1:	45.81	3	5.76	0.05	4.4	5	188.5	22	
	11.90	10.37	9.17	8.10	7.18	6.08	45.5	0.25000	
	5.14	4.31	3.69	2.95	2.33	1.97	1.58	1.400	13
2:	25.07	9	6.70	0.05	16.5	5	377.0	24	
	13.31	11.66	10.44	9.25	8.15	7.06	49.4	2.00000	
	6.03	5.11	4.31	3.64	2.99	2.39	2.01	1.240	13
3:	27.65	-10	7.70	0.01	20.8	5	377.0	26	
	15.81	13.78	12.22	10.75	9.43	8.13	58.1	0.50000	
	6.93	5.84	4.86	3.98	3.29	2.65	2.08	1.040	13
4:	12.80	-0	8.13	0.05	8.3	5	754.0	24	
	17.16	14.93	13.16	11.50	10.05	8.61	64.3	0.25000	
	7.28	6.09	5.09	4.20	3.45	2.74	2.31	1.445	13
5:	7.52	-10	8.11	0.16	4.7	5	1256.7	24	
	17.49	15.21	13.42	11.65	10.12	8.58	67.7	0.12500	
	7.29	6.08	4.99	4.08	3.26	2.70	2.23	1.317	13
6:	8.73	6	8.62	0.15	6.0	5	1099.6	24	
	18.61	16.16	14.24	12.39	10.74	9.13	89.5	0.01563	
	7.69	6.40	5.24	4.32	3.38	2.55	1.96	3.272	13
7:	4.35	-3	8.40	0.09	7.4	5	1979.3	22	
	18.37	15.97	14.02	12.08	10.29	8.92	80.1	0.03125	
	7.47	6.10	5.08	4.19	3.27	2.60	2.10	1.090	13
8:	2.64	3	7.76	0.17	6.8	5	3110.5	21	
	17.95	15.58	13.51	11.52	9.95	8.32	71.9	0.06250	
	6.90	5.94	4.94	4.03	3.21	2.68	2.24	2.850	13
*									
1280N	1260N ON	1255N 1280N	1250N 11449N	1240N 269	1230N 4	1220N 12:16:40	1200N	1180N	1160N
1:	11.00	4	7.62	0.16	4.3	5	628.3	26	
	15.51	13.63	11.82	10.73	9.02	7.89	69.9	0.03125	
	6.80	5.54	4.36	3.72	2.93	2.04	1.88	4.576	13
2:	7.15	9	8.19	0.01	16.5	5	942.5	25	
	16.12	14.17	12.76	11.30	9.86	8.61	60.2	2.00000	
	7.44	6.31	5.34	4.40	3.68	3.06	2.43	1.093	13
3:	9.20	-9	8.38	0.35	20.8	5	754.0	26	
	17.77	15.48	13.68	11.84	10.35	8.87	73.9	0.06250	
	7.47	6.26	5.26	4.30	3.39	2.65	2.10	1.953	13
4:	4.95	-0	8.37	0.14	8.2	5	1256.7	23	
	17.89	15.61	13.70	12.04	10.50	8.89	86.2	0.01563	
	7.43	6.14	5.13	4.06	3.24	2.50	1.83	3.794	13
5:	3.21	-10	8.70	0.00	4.6	5	1885.0	22	
	18.33	15.92	14.02	12.34	10.50	9.15	121.8	0.00195	
	7.64	6.49	5.62	4.38	3.26	2.24	1.46	11.452	13

D23_RAW.txt										
6:	4.09	5	8.65	0.00	6.0		5	1508.0	23	
	18.80		16.43	14.49	12.47	10.88	9.31	72.6	0.12500	
	7.70	6.17	5.25	4.10	3.62	3.07	2.56	4.439	13	
7:	2.24	-2	8.72	0.00	7.4		5	2513.5	21	
	18.90		16.60	14.17	12.77	10.71	9.31	90.9	0.01563	
	7.73	6.52	5.80	4.23	3.44	2.73	1.85	5.702	13	
8:	1.44	3	9.30	0.02	6.8		5	3770.3	20	
	20.00		17.43	15.31	13.53	11.67	9.92	96.9	0.01563	
	8.39	6.84	6.05	4.62	3.67	3.17	1.80	8.121	13	
*	1290N	1280N ON	1275N 1290N	1270N 11469N	1260N 269	1250N 4	1240N 12:21:37	1220N	1200N	1180N
1:	32.70	-20	6.01	0.12	20.8		5	188.5	23	
	13.19		11.22	9.93	8.78	6.92	6.08	47.1	0.50000	
	5.66	5.02	4.06	3.08	2.59	2.27	1.72	4.998	13	
2:	17.40	17	7.19	0.02	20.7		5	377.0	24	
	14.68		12.89	11.49	10.14	8.89	7.59	62.2	0.06250	
	6.39	5.31	4.40	3.57	2.82	2.21	1.69	2.796	13	
3:	18.75	-8	8.09	0.08	8.1		5	377.0	26	
	16.39		14.38	12.77	11.24	9.88	8.53	61.1	0.50000	
	7.26	6.10	5.11	4.23	3.51	2.84	2.26	0.930	13	
4:	8.88	16	9.10	0.10	11.3		5	754.0	25	
	17.76		15.62	13.93	12.40	11.00	9.57	67.3	4.00000	
	8.27	7.04	5.96	4.97	4.21	3.44	2.83	1.341	13	
5:	5.28	-10	8.46	0.02	11.1		5	1256.7	25	
	18.82		16.24	14.10	12.31	10.59	8.96	76.0	0.06250	
	7.53	6.19	5.11	4.27	3.51	2.87	2.28	1.881	13	
6:	5.34	-8	8.33	0.56	6.2		5	1099.6	22	
	18.50		15.88	14.03	12.15	10.40	8.84	70.9	0.12500	
	7.47	6.23	5.44	4.48	3.67	2.78	2.05	2.496	12	
7:	3.02	2	8.87	0.05	5.4		5	1979.3	22	
	19.05		15.93	14.21	12.50	10.71	9.35	82.8	0.03125	
	8.16	6.52	5.06	4.12	3.57	2.96	1.95	4.875	13	
8:	1.79	7	7.39	0.90	6.6		5	3110.5	21	
	19.14		16.51	13.86	11.76	9.48	7.78	149.7	0.00049	
	6.89	5.73	4.55	3.48	2.47	2.03	1.74	2.915	9	
*	1300N	1280N ON	1275N 1300N	1270N 11469N	1260N 400	1250N 4	1240N 12:24:36	1220N	1200N	1180N
1:	17.08	-20	7.94	0.46	21.2		5	628.3	27	
	16.63		13.56	11.72	11.65	10.43	8.45	60.6	4.00000	
	7.82	6.43	4.71	3.89	3.69	3.22	2.91	8.341	13	
2:	10.81	17	8.48	0.15	21.1		5	942.5	25	
	17.65		15.57	13.83	12.11	10.52	8.98	73.9	0.06250	
	7.54	6.27	5.28	4.28	3.34	2.62	2.00	2.725	13	
3:	13.71	-8	8.91	0.06	8.0		5	754.0	26	
	18.10		15.87	14.10	12.43	10.89	9.40	66.7	0.50000	
	8.02	6.76	5.66	4.68	3.77	3.02	2.34	1.679	13	
4:	7.61	16	8.74	0.18	11.1		5	1256.7	24	
	18.08		15.81	14.06	12.36	10.65	9.20	68.4	0.25000	
	7.82	6.42	5.39	4.49	3.67	3.00	2.43	1.281	13	

D23_RAW.txt										
5:	5.05	-10	8.48	0.23	10.9		5	1885.0	24	
	18.75	16.04	14.14	12.19	10.65	9.02	75.5	0.06250		
	7.67	6.53	5.40	4.23	3.35	2.73	2.08	2.338	13	
6:	5.67	-8	7.79	0.61	6.1		5	1508.0	21	
	17.65	15.09	13.22	11.50	9.72	8.21	64.3	0.25000		
	7.04	6.22	5.41	4.39	3.35	2.90	2.40	3.740	11	
7:	3.52	1	8.74	0.53	5.4		5	2513.5	22	
	18.53	16.01	14.16	12.38	10.62	9.26	88.2	0.01563		
	7.91	6.43	5.08	3.92	2.93	1.96	1.48	4.670	11	
8:	2.21	7	8.33	0.00	6.5		5	3770.3	21	
	18.35	15.61	13.50	12.17	10.26	8.91	74.5	0.06250		
	7.71	6.51	5.12	4.33	3.47	2.66	2.06	2.819	13	
*	1310N	1300N	1295N	1290N	1280N	1270N	1260N	1240N	1220N	1200N
		ON	1310N	11489N	400	4	12:27:56			
1:	48.26	-9	6.05	0.19	8.2		6	188.5	23	
	12.38	10.92	9.61	8.43	7.52	6.33	46.7	0.50000		
	5.73	4.82	4.07	3.15	2.54	2.13	1.71	2.483	13	
2:	26.17	6	6.86	0.17	18.3		6	377.0	25	
	14.15	12.36	11.03	9.72	8.49	7.28	52.1	0.50000		
	6.10	5.11	4.25	3.54	2.94	2.39	1.92	1.190	13	
3:	27.90	-2	8.24	0.06	19.4		6	377.0	26	
	16.74	14.68	13.04	11.49	10.08	8.69	64.3	0.25000		
	7.42	6.25	5.21	4.26	3.48	2.79	2.15	1.615	13	
4:	13.10	-2	8.76	0.00	9.0		6	754.0	25	
	18.17	15.84	14.03	12.37	10.76	9.24	68.3	0.25000		
	7.88	6.63	5.51	4.47	3.61	2.92	2.29	1.087	13	
5:	7.62	-4	8.90	0.15	6.3		6	1256.7	24	
	18.64	16.28	14.38	12.63	10.96	9.40	73.2	0.12500		
	7.97	6.66	5.47	4.47	3.70	2.92	2.29	0.941	13	
6:	8.15	5	8.17	0.19	6.3		6	1099.6	22	
	17.91	15.58	13.63	11.86	10.22	8.66	84.9	0.01563		
	7.24	5.99	4.91	3.97	3.17	2.46	1.86	2.252	13	
7:	4.17	-13	7.79	0.71	6.3		6	1979.3	21	
	17.56	15.19	13.26	11.55	9.84	8.29	90.0	0.00781		
	6.75	5.46	4.55	3.66	2.97	2.32	1.50	1.161	10	
8:	2.80	10	8.14	1.03	5.7		6	3110.5	22	
	18.31	16.01	14.02	11.96	10.14	8.56	86.1	0.01563		
	7.36	6.00	4.80	3.29	2.52	1.99	1.19	1.056	8	
*	1320N	1300N	1295N	1290N	1280N	1270N	1260N	1240N	1220N	1200N
		ON	1320N	11489N	400	4	12:31:08			
1:	16.82	-8	7.43	1.01	7.6		6	628.3	26	
	15.33	13.35	11.75	10.57	9.77	8.11	60.8	0.12500		
	6.08	5.43	4.27	3.91	2.89	2.83	2.32	4.172	8	
2:	10.83	6	8.01	0.35	17.9		6	942.5	26	
	16.25	14.20	12.68	11.17	9.78	8.42	59.3	1.00000		
	7.28	5.96	5.02	4.09	3.25	2.85	2.62	4.621	13	
3:	13.58	-2	9.01	0.13	19.5		6	754.0	26	
	18.82	16.43	14.56	12.72	11.09	9.52	74.0	0.12500		
	8.06	6.86	5.67	4.67	3.84	2.95	2.09	4.018	13	

D23_RAW.txt									
4:	7.44	-2	8.92	0.07	8.9		6	1256.7	23
	18.85	16.38	14.52	12.65	11.04	9.42	70.4	0.25000	
	7.93	6.65	5.46	4.50	3.71	3.10	2.60	2.423	13
5:	4.84	-3	8.52	0.28	6.2		6	1885.0	23
	18.50	16.11	14.06	12.24	10.55	9.00	68.6	0.25000	
	7.66	6.28	5.53	4.62	3.85	3.06	2.31	2.919	13
6:	5.78	5	8.21	0.42	6.2		6	1508.0	22
	18.04	15.44	13.70	11.82	10.30	8.72	77.9	0.03125	
	7.25	6.03	4.92	3.94	3.12	2.52	2.00	1.312	12
7:	3.25	-13	7.52	0.77	6.2		6	2513.5	20
	17.13	14.79	13.00	11.09	9.57	7.98	79.8	0.01563	
	6.67	5.52	4.48	3.66	2.97	2.49	2.15	0.479	9
8:	2.30	10	7.41	1.67	5.8		6	3770.3	22
	17.75	15.17	13.38	11.31	9.77	8.14	90.1	0.00781	
	6.33	5.34	4.53	3.47	2.68	2.02	1.40	0.678	5

* 1330N									
	1320N	1315N	1310N	1300N	1290N	1280N	1260N	1240N	1220N
	ON	1330N	11509N	400	4	12:34:47			
1:	43.88	-5	6.35	0.17	13.8		5	188.5	21
	12.28	10.91	9.67	8.75	7.50	6.60	46.0	2.00000	
	5.56	4.61	3.97	3.35	2.62	2.19	2.12	4.719	13
2:	23.86	6	6.47	0.08	21.3		5	377.0	22
	13.63	11.84	10.51	9.19	8.05	6.86	60.9	0.03125	
	5.74	4.82	3.92	3.18	2.55	1.96	1.41	4.095	13
3:	26.59	-17	7.96	0.01	18.5		5	377.0	25
	16.33	14.28	12.69	11.15	9.80	8.39	62.1	0.25000	
	7.14	6.00	4.98	4.05	3.29	2.66	2.12	0.697	13
4:	13.87	3	9.57	0.41	12.0		5	754.0	26
	18.57	16.40	14.69	13.06	11.57	10.05	72.3	8.00000	
	8.71	7.46	6.15	5.07	4.19	3.94	3.27	4.317	13
5:	7.95	-1	8.06	0.51	11.7		5	1256.7	25
	18.83	16.10	14.03	12.06	10.32	8.62	79.8	0.03125	
	7.05	5.74	4.92	4.28	3.50	1.81	0.92	3.565	11
6:	8.21	-6	8.80	0.05	6.5		5	1099.6	23
	18.72	16.31	14.29	12.59	11.01	9.29	83.1	0.03125	
	7.86	6.51	5.30	4.24	3.40	2.71	2.17	1.598	13
7:	4.38	-1	8.30	0.07	6.3		5	1979.3	22
	18.04	15.59	13.84	11.93	10.44	8.76	73.6	0.06250	
	7.53	6.16	5.10	4.10	3.32	2.68	2.12	0.780	13
8:	2.65	-2	7.79	0.17	5.9		5	3110.5	21
	17.39	14.76	13.17	11.15	9.40	8.21	155.5	0.00024	
	6.61	5.53	4.26	3.20	2.33	1.66	1.27	10.959	13

* 1340N									
	1320N	1315N	1310N	1300N	1290N	1280N	1260N	1240N	1220N
	ON	1340N	11509N	400	4	12:37:29			
1:	15.50	-3	7.26	0.01	12.9		5	628.3	24
	16.63	14.03	11.53	11.23	9.04	7.96	58.4	0.25000	
	6.48	4.99	3.66	3.93	2.60	2.63	2.79	14.046	13
2:	10.19	5	8.14	0.00	20.6		5	942.5	24
	16.17	14.28	12.76	11.13	9.91	8.52	65.7	0.12500	
	7.38	6.37	5.26	4.10	3.37	2.61	1.75	6.316	13

D23_RAW.txt

3:	13.27	-17	8.66	0.00	19.0		5	754.0	25
		18.33	15.98	14.15	12.38	10.75	9.16	66.8	0.50000
	7.72	6.45	5.45	4.61	3.80	3.15	2.66	3.052	13
4:	8.02	3	10.19	0.38	11.9		5	1256.7	25
		19.43	17.00	15.10	13.36	11.90	10.83	72.5	0.50000
	9.15	7.63	5.69	4.71	3.93	3.42	2.76	4.111	13
5:	5.09	-1	7.40	0.33	11.6		5	1885.0	24
		19.31	16.77	14.73	12.48	10.52	7.72	107.4	0.00391
	6.52	5.47	5.42	4.43	3.36	2.22	1.47	8.505	12
6:	5.84	-6	8.63	0.07	6.5		5	1508.0	22
		19.07	16.61	14.49	12.60	10.88	9.16	111.1	0.00391
	7.72	6.42	5.25	4.33	3.31	2.47	1.77	5.376	13
7:	3.43	-1	8.11	0.00	6.3		5	2513.5	22
		18.47	15.86	13.83	11.94	10.27	8.58	104.8	0.00391
	7.26	5.90	4.88	3.99	2.94	2.35	1.78	3.180	13
8:	2.19	-3	7.11	0.33	5.9		5	3770.3	21
		18.65	16.02	13.41	11.54	9.59	7.80	161.5	0.00024
	6.29	4.76	3.86	3.98	2.68	1.68	0.21	9.588	12

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	1350N	1340N ON	1335N 1350N	1330N 11529N	1320N 235	1310N 4	1300N 12:40:36	1280N	1260N	1240N
1:	24.80	-6	5.45	0.59	12.9		6	188.5	20	
		11.77	10.35	9.43	8.47	7.96	6.11	44.9	2.00000	
	5.17	4.66	3.89	3.52	2.87	2.10	1.71	4.260	10	
2:	13.45	-2	6.53	0.07	12.9		6	377.0	22	
		13.57	11.80	10.45	9.12	7.91	6.87	56.0	0.06250	
	5.74	4.74	3.89	3.18	2.39	1.96	1.59	2.407	13	
3:	14.84	4	7.49	0.06	10.3		6	377.0	24	
		15.64	13.64	12.08	10.59	9.25	7.94	57.0	0.50000	
	6.71	5.66	4.74	3.90	3.22	2.58	2.07	1.105	13	
4:	7.42	9	8.95	0.21	14.6		6	754.0	24	
		18.08	15.84	14.10	12.41	10.85	9.46	66.0	2.00000	
	8.10	6.84	5.81	4.78	4.02	3.43	2.66	1.965	13	
5:	4.45	-13	8.91	0.63	9.8		6	1256.7	24	
		18.78	16.28	14.14	12.10	10.74	9.48	69.8	0.25000	
	7.96	6.77	5.65	4.66	3.74	2.98	1.59	2.034	11	
6:	5.00	1	8.43	0.47	6.6		6	1099.6	23	
		18.93	16.34	14.52	12.65	10.87	9.03	109.1	0.00391	
	7.52	6.12	4.99	3.89	3.04	2.48	2.21	2.469	12	
7:	2.51	-13	8.29	0.36	6.6		6	1979.3	21	
		18.64	16.22	14.23	12.27	10.74	8.97	108.0	0.00391	
	7.32	6.28	5.08	4.06	3.17	2.37	1.78	4.223	13	
8:	1.58	9	6.93	2.88	6.3		6	3110.5	21	
		17.95	15.30	13.39	11.41	10.06	7.77			
	5.90	4.86	3.56	2.84	2.04	1.04	1.66		99	

*

	1360N	1340N ON	1335N 1360N	1330N 11529N	1320N 235	1310N 4	1300N 12:43:37	1280N	1260N	1240N
1:	9.56	-7	7.15	1.48	13.0		6	628.3	26	
		12.98	12.46	12.07	11.51	9.47	8.00	102.1	1024.00000	
	7.69	5.72	3.87	2.35	2.38	2.40	2.09	4.908	7	

D23_RAW.txt									
2:	6.19	0	7.94	0.10	13.0		6	942.5	25
	17.01	14.59	12.85	11.41	9.76	8.38	100.4	0.00391	
	7.00	6.00	5.06	4.07	3.11	2.20	1.41	9.989	13
3:	7.84	4	8.49	0.35	10.0		6	754.0	25
	17.94	15.60	13.76	12.06	10.54	9.01	66.8	0.25000	
	7.63	6.43	5.30	4.37	3.53	2.85	2.27	0.866	13
4:	4.51	7	8.39	0.24	14.1		6	1256.7	24
	18.39	15.89	13.92	12.21	10.56	8.88	87.6	0.01563	
	7.47	6.27	5.19	4.08	3.19	2.48	2.03	2.387	13
5:	2.98	-12	9.76	0.17	9.5		6	1885.0	24
	20.65	18.06	15.88	13.88	11.87	10.28	75.0	0.50000	
	8.77	7.51	6.23	5.29	4.40	3.55	2.78	2.172	13
6:	3.67	2	8.97	0.54	6.5		6	1508.0	24
	19.82	17.27	15.32	13.32	11.39	9.58	94.2	0.01563	
	8.16	6.51	5.26	4.54	3.39	2.69	2.10	2.313	12
7:	2.01	-12	9.02	0.63	6.6		6	2513.5	22
	18.97	16.71	14.62	12.72	10.95	9.55	68.2	2.00000	
	8.16	7.03	6.00	4.88	4.00	3.39	3.19	5.191	13
8:	1.33	9	7.30	2.53	6.3		6	3770.3	21
	17.06	15.12	13.99	12.12	10.63	8.02			
	6.58	5.11	3.77	2.52	2.40	1.13	0.36		99

*
 1370N 1360N 1355N 1350N 1340N 1330N 1320N 1300N 1280N 1260N
 ON ON 1370N 11549N 495 4 12:47:01|

1:	54.35	-15	5.53	0.17	15.3		5	188.5	21
	11.95	10.39	9.33	8.13	6.92	5.79	49.9	0.06250	
	4.99	4.29	3.75	2.83	2.30	1.77	1.31	4.214	13
2:	29.41	12	7.19	0.07	19.5		5	377.0	22
	14.57	12.78	11.40	9.98	8.74	7.57	53.2	1.00000	
	6.46	5.40	4.47	3.78	3.13	2.57	2.09	1.441	13
3:	32.56	1	7.98	0.03	16.7		5	377.0	25
	16.67	14.51	12.85	11.27	9.84	8.43	62.7	0.25000	
	7.15	5.98	4.97	4.08	3.33	2.70	2.17	0.491	13
4:	17.10	-3	8.47	0.02	6.8		5	754.0	26
	18.01	15.65	13.85	12.10	10.51	8.98	73.9	0.06250	
	7.55	6.28	5.20	4.20	3.34	2.61	2.03	2.118	13
5:	9.82	8	8.81	0.00	8.6		5	1256.7	25
	18.78	16.31	14.38	12.54	10.90	9.30	77.3	0.06250	
	7.88	6.54	5.33	4.35	3.48	2.84	2.24	0.833	13
6:	10.71	-5	9.01	0.20	8.4		5	1099.6	24
	19.31	16.80	14.85	12.98	11.20	9.54	79.6	0.06250	
	8.09	6.75	5.57	4.53	3.61	2.85	2.29	1.078	13
7:	5.91	-4	9.07	0.00	6.8		5	1979.3	24
	19.74	17.16	15.20	13.21	11.50	9.68	80.7	0.06250	
	8.16	6.83	5.60	4.49	3.60	2.95	2.34	0.816	13
8:	3.48	-2	9.06	0.37	6.6		5	3110.5	22
	20.31	17.50	15.09	13.17	11.30	9.70	70.5	1.00000	
	8.31	7.24	6.20	4.95	4.33	3.57	2.70	3.738	13

*
 1380N 1360N 1355N 1350N 1340N 1330N 1320N 1300N 1280N 1260N
 ON ON 1380N 11549N 495 4 12:49:48|

D23_RAW.txt										
1:	19.97	-15	7.45	0.28	14.5		5	628.3	25	
	6.42	16.13	13.73	12.81	11.43	10.17	8.41	64.1	0.12500	
		5.11	4.95	4.15	3.27	2.27	2.27	6.966	13	
2:	12.90	12	8.39	0.12	19.3		5	942.5	25	
	7.58	17.17	15.14	13.40	11.65	10.20	8.80	65.0	0.25000	
		6.29	5.19	4.25	3.39	2.82	2.18	1.269	13	
3:	16.53	-0	8.70	0.01	16.9		5	754.0	25	
	7.79	18.55	16.16	14.24	12.43	10.80	9.22	72.2	0.12500	
		6.54	5.39	4.37	3.51	2.92	2.34	0.889	13	
4:	9.97	-3	9.11	0.00	6.8		5	1256.7	25	
	8.20	19.13	16.65	14.77	12.85	11.29	9.62	75.0	0.12500	
		6.64	5.67	4.54	3.77	2.97	2.46	1.284	13	
5:	6.30	7	8.90	0.33	8.5		5	1885.0	24	
	7.92	19.03	16.50	14.61	12.75	11.03	9.40	73.9	0.12500	
		6.63	5.48	4.56	3.69	3.00	2.36	0.839	13	
6:	7.61	-4	8.56	0.25	8.3		5	1508.0	23	
	7.60	19.34	16.63	14.69	12.79	10.94	9.10	72.8	0.12500	
		6.26	5.18	4.23	3.51	2.98	2.57	4.276	13	
7:	4.60	-4	9.25	0.45	6.8		5	2513.5	23	
	8.30	19.72	16.97	15.04	13.17	11.42	9.77	71.5	0.50000	
		7.09	6.08	5.14	4.41	3.44	2.43	4.178	13	
8:	2.86	-2	8.79	0.98	6.6		5	3770.3	22	
	7.74	19.72	16.43	14.58	13.49	11.64	9.53	75.0	0.12500	
		6.55	5.79	4.82	3.86	3.01	2.64	3.187	9	
*	1390N	1380N	1375N	1370N	1360N	1350N	1340N	1320N	1300N	1280N
		ON	1390N	11569N	236	4	12:53:03			
1:	28.48	-12	6.13	0.17	16.6		6	188.5	23	
	5.28	12.36	11.42	10.22	8.57	7.62	6.50	53.8	0.06250	
		5.19	3.76	3.23	2.43	1.81	1.35	6.863	13	
2:	15.36	0	8.15	0.15	18.4		6	377.0	25	
	7.45	16.15	14.19	12.61	11.20	9.90	8.57	65.2	16.00000	
		6.26	5.39	4.57	3.90	3.36	2.80	3.476	13	
3:	15.76	8	8.36	0.05	21.5		6	377.0	25	
	7.49	17.34	15.19	13.40	11.78	10.31	8.82	65.5	0.25000	
		6.28	5.20	4.29	3.49	2.81	2.27	0.421	13	
4:	7.78	1	8.76	0.15	16.7		6	754.0	25	
	7.79	18.61	16.18	14.22	12.49	10.87	9.27	76.4	0.06250	
		6.51	5.37	4.35	3.47	2.71	2.12	1.854	13	
5:	4.51	-0	8.89	0.30	8.3		6	1256.7	24	
	7.90	19.38	16.99	14.63	12.75	11.00	9.40	84.1	0.03125	
		6.49	5.40	4.37	3.50	2.71	2.06	2.274	13	
6:	5.02	5	8.93	0.23	8.1		6	1099.6	23	
	7.91	19.12	16.69	14.64	12.79	11.12	9.44	78.3	0.06250	
		6.62	5.45	4.37	3.53	2.84	2.26	0.667	13	
7:	2.64	-10	8.48	0.33	8.5		6	1979.3	22	
	7.43	18.92	16.63	14.36	12.20	10.50	8.86	107.9	0.00391	
		6.10	4.99	3.90	2.97	2.37	2.01	2.609	13	
8:	1.71	5	9.41	1.55	6.5		6	3110.5	23	
	8.33	19.68	18.29	15.42	13.18	11.16	9.73	81.6	0.06250	
		7.26	5.48	4.31	3.50	2.62	2.28	2.302	7	

D23_RAW.txt

*									
1400N	1380N ON	1375N 1400N	1370N 11569N	1360N 400	1350N 4	1340N 12:56:11	1320N	1300N	1280N
1:	17.04	-11	9.00	0.46	15.4		5	628.3	27
	8.30	17.20	15.38	13.41	11.89	10.23	9.48	65.1	4.00000
		6.67	5.92	4.66	3.86	3.32	2.88	3.432	13
2:	11.12	1	8.86	0.02	18.1		5	942.5	26
	7.92	18.31	16.04	14.25	12.58	10.95	9.36	77.1	0.06250
		6.62	5.51	4.47	3.56	2.79	2.08	3.050	13
3:	13.35	9	9.15	0.19	21.4		5	754.0	25
	8.21	19.17	16.76	14.82	12.98	11.31	9.68	75.7	0.12500
		6.86	5.71	4.69	3.81	3.05	2.38	1.133	13
4:	7.68	0	9.14	0.01	16.4		5	1256.7	24
	8.22	19.41	16.96	14.98	13.09	11.39	9.68	80.6	0.06250
		6.85	5.67	4.58	3.68	2.93	2.30	1.295	13
5:	4.96	-2	9.10	0.13	8.2		5	1885.0	23
	8.10	19.67	17.09	15.06	13.07	11.35	9.64	79.9	0.06250
		6.69	5.55	4.54	3.63	2.90	2.22	1.459	13
6:	6.12	5	8.68	0.01	7.9		5	1508.0	23
	7.78	18.61	16.45	14.52	12.57	11.02	9.22	77.0	0.06250
		6.44	5.36	4.27	3.52	2.86	2.14	1.516	13
7:	3.55	-9	8.83	0.24	8.4		5	2513.5	22
	7.85	19.10	16.91	14.94	13.10	11.35	9.44	181.6	0.00024
		6.31	5.08	3.85	2.84	2.07	1.43	10.689	13
8:	2.43	6	9.62	0.00	6.5		5	3770.3	23
	8.77	19.78	17.95	15.23	13.29	11.26	10.18	73.0	0.50000
		7.32	6.54	5.07	4.21	3.34	2.64	2.924	13
*									
1410N	1400N ON	1395N 1410N	1390N 11589N	1380N 700	1370N 4	1360N 12:59:48	1340N	1320N	1300N
1:	113.53	-12	8.05	0.12	13.7		6	188.5	31
	7.15	15.55	13.59	12.53	10.84	9.44	8.53	58.1	2.00000
		6.17	4.85	4.21	3.60	2.93	2.37	2.239	13
2:	51.55	9	8.82	0.04	26.5		6	377.0	28
	7.95	17.53	15.46	13.85	12.27	10.75	9.29	65.6	0.50000
		6.62	5.58	4.55	3.69	2.96	2.34	1.220	13
3:	48.07	-5	9.34	0.02	31.3		6	377.0	26
	8.39	19.16	16.78	14.89	13.12	11.49	9.86	72.2	0.25000
		7.01	5.80	4.75	3.85	3.05	2.40	1.434	13
4:	22.09	-3	9.19	0.04	17.2		6	754.0	24
	8.21	19.48	16.98	14.96	13.16	11.44	9.73	75.6	0.12500
		6.85	5.67	4.62	3.74	2.99	2.32	1.159	13
5:	12.62	8	8.92	0.02	10.7		6	1256.7	23
	7.99	19.30	16.68	14.65	12.85	11.13	9.45	78.5	0.06250
		6.60	5.44	4.41	3.55	2.84	2.23	0.927	13
6:	13.99	-0	8.63	0.07	9.1		6	1099.6	22
	7.70	18.90	16.37	14.35	12.57	10.73	9.11	82.5	0.03125
		6.36	5.15	4.25	3.41	2.73	2.15	0.697	13
7:	7.79	-1	8.33	0.02	8.3		6	1979.3	22
	7.37	18.55	16.02	13.93	12.21	10.42	8.80	86.5	0.01563
		6.02	4.87	3.96	3.17	2.53	1.96	1.203	13

D23_RAW.txt									
8:	4.91	-1	8.49	0.37	8.3		6	3110.5	22
	7.32	18.72	16.26	14.86	12.13	10.18	8.95	177.2	0.00024
		6.22	4.17	3.70	2.76	2.28	1.74	5.367	12
* 1420N 1400N 1395N 1390N 1380N 1370N 1360N 1340N 1320N 1300N									
	ON	1420N	11589N	740	4	13:03:17			
1:	36.47	-12	9.05	0.49	12.5		5	628.3	31
	8.37	18.35	16.56	14.84	12.92	12.00	9.50	69.7	1.00000
		7.25	6.40	5.26	4.28	3.53	2.49	4.223	13
2:	20.73	8	9.66	0.09	24.7		5	942.5	26
	8.59	19.63	17.27	15.32	13.46	11.80	10.20	72.3	0.50000
		7.30	5.95	4.92	4.09	3.30	2.77	1.347	13
3:	23.53	-3	9.13	0.08	29.0		5	754.0	24
	8.15	19.62	17.08	15.08	13.14	11.38	9.68	86.7	0.03125
		6.80	5.60	4.51	3.62	2.83	2.16	2.145	13
4:	13.25	-2	8.83	0.06	15.9		5	1256.7	23
	7.85	19.01	16.47	14.41	12.65	10.97	9.38	77.7	0.06250
		6.54	5.37	4.36	3.54	2.81	2.24	0.662	13
5:	8.53	7	8.14	0.10	10.4		5	1885.0	22
	7.26	18.34	15.80	13.73	11.88	10.16	8.59	104.3	0.00391
		5.96	4.81	3.87	3.05	2.30	1.76	3.210	13
6:	10.54	-1	8.13	0.00	9.0		5	1508.0	21
	7.31	18.30	15.79	13.72	11.93	10.23	8.65	85.4	0.01563
		5.99	4.97	4.00	3.14	2.47	1.86	2.383	13
7:	6.44	-0	8.18	0.00	8.3		5	2513.5	22
	7.29	18.42	16.10	13.83	12.16	10.23	8.71	94.9	0.00781
		5.92	4.88	3.88	3.09	2.42	1.97	1.298	13
8:	4.29	-1	8.23	0.00	8.3		5	3770.3	22
	7.82	18.47	16.23	14.21	12.57	10.68	8.77	80.7	0.03125
		5.76	5.19	3.89	3.23	2.85	2.09	3.728	13
* 1430N 1420N 1415N 1410N 1400N 1390N 1380N 1360N 1340N 1320N									
	ON	1430N	11609N	740	4	13:06:32			
1:	103.29	-14	8.61	0.11	4.7		5	188.5	26
	7.46	16.59	14.53	13.17	11.66	10.18	8.97	67.0	0.12500
		6.38	5.26	4.20	3.01	2.48	2.12	4.652	13
2:	56.24	13	9.19	0.04	12.9		5	377.0	29
	8.22	19.07	16.71	14.82	13.00	11.35	9.71	80.0	0.06250
		6.82	5.60	4.57	3.69	2.90	2.24	1.916	13
3:	57.18	-6	9.66	0.02	15.0		5	377.0	29
	8.66	19.99	17.49	15.51	13.63	11.91	10.21	79.2	0.12500
		7.25	6.00	4.91	3.97	3.17	2.51	1.175	13
4:	22.94	0	9.10	0.06	15.2		5	754.0	23
	8.14	19.45	16.92	14.91	13.05	11.36	9.64	86.0	0.03125
		6.73	5.52	4.46	3.56	2.80	2.15	2.042	13
5:	12.06	-7	8.46	0.48	25.6		5	1256.7	20
	7.54	18.88	16.24	14.25	11.98	10.56	8.96	75.3	0.06250
		6.25	5.15	4.16	3.42	2.81	2.19	1.432	12
6:	13.52	11	8.18	0.27	21.9		5	1099.6	20
	7.31	17.86	15.52	13.57	11.86	10.21	8.67	68.4	0.12500
		6.09	5.05	4.12	3.37	2.74	2.19	0.997	13

D23_RAW.txt									
7:	7.57	-6	7.81	0.00	8.9		5	1979.3	20
	17.93	15.45	13.29	11.54	10.00	8.32	91.7	0.00781	
	6.97	5.76	4.79	3.78	3.00	2.37	1.85	1.424	13
8:	5.00	5	8.59	0.39	8.0		5	3110.5	21
	18.67	16.32	14.36	12.55	10.68	9.07	82.0	0.03125	
	7.68	6.43	5.39	3.99	3.30	2.63	2.21	2.476	13
*									
1440N	1420N ON	1415N 1440N	1410N 11609N	1400N 740	1390N 4	1380N 13:10:03	1360N	1340N	1320N
1:	31.00	-12	10.79	1.57	4.8		5	628.3	26
	19.67	18.50	17.09	13.29	12.00	11.54	75.8	0.50000	
	8.88	7.30	6.64	3.87	3.71	2.79	2.94	5.054	7
2:	20.77	13	9.97	0.10	13.1		5	942.5	26
	20.85	18.21	16.12	14.24	12.41	10.52	81.7	0.12500	
	9.01	7.46	6.17	5.12	4.12	3.27	2.42	2.396	13
3:	25.93	-6	9.44	0.09	15.0		5	754.0	26
	20.03	17.46	15.39	13.42	11.72	9.99	77.6	0.12500	
	8.43	7.03	5.80	4.70	3.80	3.07	2.48	0.643	13
4:	12.80	-0	8.57	0.01	14.7		5	1256.7	22
	18.64	16.18	14.18	12.34	10.66	9.08	75.8	0.06250	
	7.66	6.36	5.25	4.27	3.43	2.73	2.19	0.567	13
5:	7.69	-7	7.91	0.07	23.1		5	1885.0	20
	17.81	15.43	13.26	11.53	10.05	8.36	71.1	0.06250	
	7.07	5.88	4.86	3.99	3.22	2.59	2.05	1.098	13
6:	9.66	12	7.42	0.20	20.1		5	1508.0	20
	16.93	14.79	12.62	10.92	9.43	7.91	121.9	0.00098	
	6.50	5.34	4.29	3.38	2.72	2.06	1.57	2.996	13
7:	5.89	-7	7.56	0.00	8.8		5	2513.5	20
	17.30	15.33	12.98	11.14	9.74	8.08	89.2	0.00781	
	6.65	5.60	4.63	3.75	3.03	2.30	1.72	2.589	13
8:	4.08	6	8.13	0.73	7.9		5	3770.3	21
	18.00	16.12	13.68	11.55	9.94	8.69	84.8	0.01563	
	7.07	5.72	5.00	3.59	2.90	2.09	2.08	2.150	9
*									
1450N	1440N ON	1435N 1450N	1430N 11629N	1420N 419	1410N 4	1400N 13:13:48	1380N	1360N	1340N
1:	64.42	-33	8.73	0.11	3.3		5	188.5	29
	17.27	15.30	13.67	12.15	10.52	9.19	64.6	0.50000	
	7.64	6.53	5.65	4.40	3.65	2.91	2.28	1.923	13
2:	29.72	19	9.33	0.04	8.4		5	377.0	27
	18.68	16.41	14.63	12.95	11.41	9.81	70.0	0.50000	
	8.40	7.11	5.92	4.93	4.01	3.24	2.56	1.036	13
3:	30.74	-4	9.48	0.01	9.0		5	377.0	28
	19.76	17.28	15.32	13.44	11.71	10.03	77.4	0.12500	
	8.46	7.08	5.86	4.75	3.83	3.03	2.40	1.212	13
4:	12.53	4	9.49	0.04	5.5		5	754.0	23
	20.29	17.67	15.62	13.63	11.82	10.07	83.4	0.06250	
	8.47	7.00	5.90	4.73	3.85	3.03	2.31	1.736	13
5:	7.88	-9	8.47	0.07	7.7		5	1256.7	24
	18.57	15.97	14.08	12.23	10.60	9.00	74.9	0.06250	
	7.60	6.29	5.20	4.22	3.41	2.70	2.08	1.426	13

D23_RAW.txt										
6:	7.45	-2	7.75	0.06	11.9		5	1099.6	20	
	17.22		14.78	13.00	11.28	9.72	8.23	74.2	0.03125	
	6.88	5.70	4.70	3.77	3.03	2.44	1.88	1.092	13	
7:	4.04	1	7.35	0.29	14.4		5	1979.3	19	
	17.28		14.73	12.90	11.17	9.54	7.94	87.8	0.00781	
	6.54	5.56	4.29	3.59	2.94	2.31	1.80	1.413	13	
8:	2.63	2	9.26	0.69	9.4		5	3110.5	20	
	20.17		18.00	16.30	14.34	11.94	10.26	75.1	4.00000	
	7.97	7.19	6.92	6.85	4.34	4.11	3.37	9.395	12	
*	1460N	1440N ON	1435N 1460N	1430N 11629N	1420N 304	1410N 4	1400N 13:20:17	1380N	1360N	1340N
1:	13.66	-31	11.19	0.35	3.0		5	628.3	28	
	19.49		18.17	16.93	14.27	12.50	11.28	77.0	0.50000	
	10.02	7.74	6.26	5.30	4.73	3.27	2.78	4.683	13	
2:	7.68	14	9.54	0.24	9.4		5	942.5	24	
	19.58		17.07	15.22	13.58	11.75	10.04	74.2	0.25000	
	8.59	7.30	6.06	4.97	3.90	3.18	2.44	1.953	13	
3:	9.81	-2	9.22	0.07	10.0		5	754.0	24	
	19.53		17.09	15.03	13.06	11.46	9.75	86.8	0.03125	
	8.22	6.81	5.51	4.47	3.68	2.76	2.24	2.023	13	
4:	4.92	6	8.84	0.22	5.5		5	1256.7	20	
	19.32		16.74	14.65	12.72	11.03	9.35	84.3	0.03125	
	7.93	6.53	5.32	4.27	3.46	2.74	2.23	0.935	13	
5:	3.56	-9	7.85	0.12	7.6		5	1885.0	22	
	17.46		15.06	13.10	11.33	9.84	8.36	70.0	0.06250	
	6.96	5.87	4.83	3.89	3.08	2.46	2.13	2.038	13	
6:	3.78	-2	7.29	0.23	11.5		5	1508.0	19	
	16.47		14.07	12.13	10.55	9.13	7.69	84.2	0.00781	
	6.44	5.37	4.33	3.54	2.78	2.10	1.70	2.199	13	
7:	2.25	2	7.68	0.29	13.6		5	2513.5	19	
	16.87		14.77	12.61	10.65	9.42	8.12	63.7	0.12500	
	6.79	5.57	4.77	3.82	3.20	2.48	2.07	2.194	13	
8:	1.52	1	11.39	0.00	9.0		5	3770.3	19	
	18.29		16.19	13.54	11.97	11.26	10.98	177.8	4096.00000	
	10.76	10.62	9.09	8.12	8.00	7.15	5.89	20.239	13	
*	1470N	1460N ON	1455N 1470N	1450N 11649N	1440N 304	1430N 4	1420N 13:23:57	1400N	1380N	1360N
1:	41.32	-13	7.28	0.06	13.8		5	188.5	26	
	13.83		12.30	11.07	9.55	8.60	7.58	52.8	0.50000	
	6.35	5.26	4.47	3.68	3.01	2.25	2.00	2.557	13	
2:	23.03	15	8.74	0.12	15.1		5	377.0	29	
	17.34		15.29	13.68	12.15	10.69	9.20	64.3	2.00000	
	7.91	6.70	5.65	4.73	3.94	3.24	2.60	1.030	13	
3:	22.91	12	10.19	0.18	10.0		5	377.0	28	
	20.40		18.01	16.04	14.16	12.43	10.74	78.6	0.25000	
	9.16	7.70	6.41	5.26	4.27	3.40	2.62	1.792	13	
4:	9.66	-10	9.59	0.11	3.2		5	754.0	24	
	20.29		17.73	15.62	13.68	11.95	10.15	98.2	0.01563	
	8.52	7.02	5.77	4.64	3.67	2.87	2.15	3.142	13	

D23_RAW.txt									
5:	5.50	-2	8.92	0.40	1.6		5	1256.7	23
	19.21	16.71	14.59	12.67	11.01	9.45	70.4	0.25000	
	7.94	6.67	5.57	4.60	3.75	3.01	2.46	1.417	13
6:	5.67	-3	8.26	0.41	5.5		5	1099.6	20
	17.90	15.74	13.69	11.90	10.22	8.77	69.0	0.12500	
	7.37	6.16	5.07	4.18	3.42	2.76	2.22	0.992	13
7:	2.89	-9	6.63	0.50	16.4		5	1979.3	19
	16.12	13.94	11.78	10.02	8.52	7.14	144.8	0.00024	
	5.67	4.54	3.63	2.80	2.22	1.57	0.73	2.868	10
8:	1.82	10	8.88	0.05	17.2		5	3110.5	19
	18.46	16.76	14.06	11.92	10.07	9.32	74.6	0.06250	
	7.73	5.98	4.37	3.70	3.54	2.78	2.55	8.122	13
*									
1480N	1460N	1455N	1450N	1440N	1430N	1420N	1400N	1380N	1360N
	ON	1480N	11649N	304	4	13:26:43			
1:	14.03	-13	8.17	0.62	13.1		5	628.3	29
	16.59	15.44	14.37	12.94	10.37	8.60	63.9	1.00000	
	7.40	7.00	5.52	4.90	3.53	3.00	2.32	5.179	11
2:	9.28	15	9.47	0.00	14.7		5	942.5	29
	19.26	16.67	14.74	13.02	11.65	10.01	72.7	0.25000	
	8.44	6.99	5.71	4.73	4.01	3.12	2.45	1.672	13
3:	10.97	12	10.68	0.01	10.1		5	754.0	27
	21.48	18.91	16.78	14.84	13.04	11.26	78.5	1.00000	
	9.62	8.17	6.92	5.75	4.69	3.75	3.08	0.912	13
4:	5.62	-10	9.22	0.31	3.2		5	1256.7	23
	19.58	17.11	15.10	13.24	11.45	9.74	75.9	0.12500	
	8.20	6.79	5.62	4.59	3.77	3.01	2.45	0.605	13
5:	3.66	-1	8.29	0.15	1.6		5	1885.0	23
	18.57	15.90	13.83	12.07	10.55	8.81	80.3	0.03125	
	7.46	6.13	5.09	4.21	3.33	2.63	2.09	1.127	13
6:	4.22	-3	7.86	0.08	5.5		5	1508.0	21
	17.55	15.17	13.16	11.45	9.84	8.33	66.4	0.12500	
	6.95	5.86	4.93	4.02	3.32	2.62	2.15	1.781	13
7:	2.33	-8	8.00	0.28	15.8		5	2513.5	19
	16.69	14.68	12.75	11.23	9.89	8.38	81.4	0.01563	
	7.03	5.97	4.90	3.87	3.06	2.29	1.74	4.435	13
8:	1.54	10	7.71	0.00	16.6		5	3770.3	19
	18.11	16.01	14.72	12.10	9.69	7.87	63.5	1.00000	
	7.10	6.67	5.48	4.65	3.72	3.36	2.48	7.140	13
*									
1490N	1480N	1475N	1470N	1460N	1450N	1440N	1420N	1400N	1380N
	ON	1490N	11669N	304	4	13:30:35			
1:	36.59	-19	5.53	0.13	14.0		5	188.5	23
	11.45	9.82	9.26	8.60	7.46	6.10	47.7	0.12500	
	4.95	4.54	3.67	3.44	2.59	1.59	1.33	9.491	13
2:	22.32	9	7.26	0.30	22.9		5	377.0	28
	14.00	12.35	11.05	9.84	8.72	7.60	53.1	2.00000	
	6.58	5.55	4.72	3.91	3.23	2.68	2.14	1.041	13
3:	23.55	-4	8.16	0.13	19.4		5	377.0	29
	16.41	14.41	12.86	11.37	9.96	8.60	61.4	0.50000	
	7.36	6.18	5.15	4.26	3.46	2.80	2.25	0.538	13

D23_RAW.txt									
4:	11.40	8	9.39	0.06	8.8		5	754.0	28
		19.37	17.05	15.11	13.35	11.64	9.88	77.0	0.12500
	8.48	7.07	5.85	4.72	3.83	3.08	2.39	1.402	13
5:	6.34	6	10.19	0.06	2.6		5	1256.7	26
		21.14	18.51	16.44	14.42	12.60	10.74	83.5	0.12500
	9.14	7.65	6.34	5.24	4.22	3.25	2.65	1.506	13
6:	6.34	-9	8.55	0.41	1.6		5	1099.6	23
		18.73	16.31	14.26	12.48	10.89	9.07	81.9	0.03125
	7.64	6.33	5.04	4.18	3.40	2.68	2.12	1.048	13
7:	3.28	-6	7.90	0.61	5.1		5	1979.3	21
		17.50	15.24	13.24	11.35	9.86	8.38	75.3	0.03125
	6.99	5.64	4.61	3.80	3.13	2.44	1.98	1.185	11
8:	1.92	-5	8.58	0.44	14.1		5	3110.5	20
		20.17	17.48	15.08	13.06	11.35	9.13	75.4	0.12500
	7.61	6.68	4.75	4.38	4.26	3.21	2.61	7.599	13