

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

Job #: 21 Date: 08/09/08
 Operator: D21 Serial #: 21
 P-Line: 0N 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 Time	P8	P9
D:	VP M1 M8	SP M2 M9	Mx M3 M10	S.D. M4 M11	Res. M5 M12	M6 M13	Dur. K-Fact. M7 M14	M'' RMS%	Rho Tau wi
* 20N	10N ON	5N 20N	0N 10199N	30S 932	40S 4	50S 12:28:05	70S	90S	110S
1:	89.30 2.65	-4 6.90 2.18	3.00 5.85 1.78	0.00 5.10 1.43	5.8 4.41 1.14	3.80 0.89	5 3.20 0.70	188.5 35.2 1.320	18 0.00781 13
2:	63.86 3.38	7 9.16 2.73	3.84 7.74 2.18	0.01 6.72 1.71	14.9 5.76 1.34	4.92 1.02	5 4.09 0.76	377.0 83.3 4.284	26 0.00024 13
* 30N	20N ON	15N 30N	10N 10209N	0N 802	30S 4	40S 12:31:30	60S	80S	100S
1:	76.27 2.51	-3 6.52 2.08	2.85 5.48 1.70	0.19 4.80 1.37	6.6 4.16 1.10	3.59 0.88	5 3.04 0.71	188.5 30.3 0.849	18 0.01563 11
2:	53.75 3.44	1 8.80 2.84	3.88 7.49 2.32	0.28 6.56 1.89	12.1 5.67 1.53	4.88 1.24	5 4.12 1.01	377.0 41.3 0.677	25 0.01563 11
3:	63.32 4.78	8 12.32 3.92	5.40 10.54 3.19	0.53 9.20 2.59	12.7 7.91 2.09	6.80 1.69	5 5.74 1.39	377.0 57.2 0.565	30 0.01563 9
* 40N	20N ON	15N 40N	10N 10209N	0N 552	30S 4	40S 12:34:27	60S	80S	100S
1:	23.13 4.34	-3 10.91 3.76	4.91 9.29 3.03	0.42 8.04 2.49	6.3 7.15 1.99	6.25 1.62	5 5.19 1.21	628.3 44.3 1.565	26 0.06250 10
2:	19.12 5.50	0 13.38 4.55	6.15 11.59 3.71	0.43 10.19 2.98	13.2 8.86 2.35	7.67 1.84	5 6.52 1.33	942.5 58.9 1.240	33 0.03125 11
3:	25.62 7.02	7 17.07 5.85	7.87 14.81 4.80	0.29 13.04 3.89	14.0 11.34 3.11	9.84 2.51	5 8.35 1.92	754.0 75.4 1.381	35 0.03125 13
* 50N	40N ON	35N 50N	30N 10229N	20N 722	10N 4	0N 12:38:09	40S	60S	80S
1:	66.86 2.49	-5 6.69 2.39	2.71 5.72 1.62	0.00 5.16 1.29	8.9 4.43 1.06	3.44 0.72	5 2.90 0.73	188.5 42.5 7.448	17 0.00195 13

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2:	42.19	-3	3.86	0.06	15.5		5	377.0	22
		8.69	7.37	6.48	5.62	4.86	4.11	41.0	0.01563
	3.42	2.83	2.32	1.88	1.49	1.19	0.96	0.983	13
3:	52.58	3	5.04	0.00	15.0		5	377.0	27
		11.43	9.77	8.54	7.38	6.36	5.36	53.4	0.01563
	4.47	3.66	3.00	2.44	1.95	1.54	1.23	0.577	13
4:	33.13	-8	7.21	0.03	4.4		5	754.0	35
		15.80	13.65	12.00	10.44	9.01	7.65	63.9	0.06250
	6.40	5.31	4.38	3.53	2.89	2.28	1.85	0.785	13
5:	22.43	6	9.30	0.00	7.5		5	1256.7	39
		20.78	18.02	15.75	13.64	11.73	9.89	90.0	0.03125
	8.24	6.79	5.59	4.58	3.70	3.13	2.41	1.729	13

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	60N	40N ON	35N 60N	30N 10229N	20N 825	10N 4	ON 12:41:07	40S	60S	80S
1:	34.54		-6	4.53	0.59	7.8		5	628.3	26
			10.61	9.02	7.66	6.99	6.28	4.69	37.4	1.00000
	3.96		3.79	3.82	2.67	2.09	1.79	1.45	9.312	9
2:	25.86		-3	5.56	0.34	14.7		5	942.5	30
			12.52	10.76	9.42	8.18	7.03	5.92	58.5	0.01563
	4.91		4.00	3.25	2.63	2.13	1.70	1.34	0.970	12
3:	36.29		4	6.95	0.24	13.9		5	754.0	33
			15.50	13.36	11.69	10.14	8.75	7.38	73.0	0.01563
	6.16		5.08	4.13	3.35	2.70	2.14	1.68	0.793	13
4:	25.27		-7	8.69	0.48	4.0		5	1256.7	38
			19.34	16.78	14.73	12.78	11.01	9.26	91.5	0.01563
	7.69		6.33	5.21	4.25	3.38	2.70	2.15	0.739	12
5:	18.24		5	10.76	0.43	6.3		5	1885.0	42
			23.85	20.70	18.11	15.69	13.49	11.41	111.5	0.01563
	9.54		7.79	6.32	5.09	4.14	3.27	2.61	0.806	13

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	70N	60N ON	55N 70N	50N 10249N	40N 825	30N 4	20N 12:44:23	20S	40S	60S
1:	74.49		-7	2.67	0.46	7.6		5	188.5	17
			6.63	5.62	4.81	4.00	3.30	2.96	52.4	0.00049
	2.08		1.93	1.58	1.00	0.78	0.97	0.36	2.348	6
2:	42.92		-1	3.59	0.01	13.7		5	377.0	20
			8.31	6.99	6.09	5.28	4.55	3.81	52.4	0.00195
	3.20		2.58	2.09	1.64	1.32	1.00	0.79	2.567	13
3:	56.94		6	4.92	0.11	11.4		5	377.0	26
			11.09	9.47	8.28	7.19	6.18	5.22	47.7	0.03125
	4.37		3.61	2.95	2.41	1.92	1.53	1.26	0.942	13
4:	36.61		-8	6.64	0.09	5.0		5	754.0	33
			14.99	12.93	11.31	9.77	8.42	7.07	85.8	0.00391
	5.88		4.82	3.91	3.13	2.50	1.95	1.45	2.559	13
5:	24.37		-2	8.54	0.34	5.6		5	1256.7	37
			18.95	16.38	14.37	12.47	10.74	9.06	88.9	0.01563
	7.57		6.24	5.11	4.10	3.30	2.54	2.02	1.531	13

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	80N	60N ON	55N 80N	50N 10249N	40N 602	30N 4	20N 12:48:00	ON	40S	60S
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1:	24.53	-5	9.52	0.72	6.6		5	628.3	26
		8.57	8.48	8.67	5.71	3.27	8.80		
	4.52	1.63	0.96	-1.57	0.14	0.44	0.10		98
2:	16.70	-4	5.23	0.00	13.5		5	942.5	26
		11.92	10.17	8.93	7.77	6.74	5.60	98.8	0.00049
	4.40	3.82	3.08	2.61	1.97	1.58	0.90	9.134	13
3:	24.93	6	6.56	0.07	11.2		5	754.0	31
		14.70	12.64	11.06	9.60	8.26	6.97	69.2	0.01563
	5.82	4.79	3.90	3.18	2.55	2.14	1.53	2.063	13
4:	17.72	-8	8.34	0.09	4.3		5	1256.7	37
		18.44	15.99	14.03	12.12	10.42	8.86	106.3	0.00391
	7.41	6.15	5.01	3.97	3.18	2.25	1.74	4.899	13
5:	12.52	-2	10.04	0.16	4.7		5	1885.0	39
		22.08	19.12	16.79	14.54	12.57	10.66	104.4	0.01563
	8.95	7.53	6.02	4.87	3.88	3.08	2.33	2.136	13
6:	17.13	1	12.07	0.10	5.3		5	1508.0	43
		26.89	23.36	20.54	17.81	15.30	12.84	172.2	0.00195
	10.29	8.43	6.85	5.57	4.51	3.54	2.59	2.646	13

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	90N	80N ON	75N 90N	70N 10269N	60N 602	50N 4	40N 12:51:27	20N	ON	40S
1:	48.84	-2	3.30	0.00	8.4		5	188.5	15	
		8.44	9.85	8.61	7.40	5.72	2.83	84.7	0.00024	
	3.52	1.55	1.93	1.90	1.31	1.76	0.62	31.827	13	
2:	29.63	0	3.60	0.17	13.7		5	377.0	19	
		8.26	6.78	5.79	5.03	4.52	3.87	30.7	0.12500	
	3.26	2.83	2.21	1.88	1.48	1.16	1.00	3.247	13	
3:	39.75	3	4.89	0.18	10.8		5	377.0	25	
		10.97	9.38	8.19	7.12	6.14	5.19	47.5	0.03125	
	4.34	3.59	2.94	2.40	1.95	1.58	1.24	0.717	13	
4:	25.81	-8	6.53	0.43	4.8		5	754.0	32	
		14.17	12.24	10.79	9.39	8.10	6.91	58.1	0.06250	
	5.81	4.80	3.98	3.25	2.66	2.16	1.70	0.630	11	
5:	17.17	3	7.80	0.34	4.3		5	1256.7	36	
		17.44	15.07	13.16	11.41	9.79	8.30	81.9	0.01563	
	6.89	5.69	4.61	3.79	3.05	2.39	1.92	0.669	13	
6:	22.39	-5	10.59	0.74	4.7		5	1099.6	41	
		22.92	19.96	17.56	15.31	13.21	11.21	93.3	0.06250	
	9.40	7.78	6.43	5.28	4.33	3.51	2.71	0.588	11	
7:	13.43	2	13.70	1.07	6.5		5	1979.3	44	
		29.94	26.13	23.00	19.98	17.19	14.51	129.6	0.03125	
	12.14	9.98	8.21	6.69	5.49	4.50	3.50	0.632	11	

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	100N	80N ON	75N 100N	70N 10269N	60N 788	50N 4	40N 12:55:28	20N	ON	40S
1:	30.31	-2	4.03	1.22	7.8		5	628.3	24	
		10.06	7.34	6.34	5.76	7.74	4.83			
	3.47	3.50	2.49	2.17	2.22	2.36	1.32		99	
2:	21.58	-1	5.29	0.16	13.5		5	942.5	26	
		11.45	9.98	8.75	7.61	6.45	5.54	47.2	0.06250	
	4.77	3.91	3.21	2.69	2.14	1.66	1.39	1.494	13	

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3:	32.42	4	6.53	0.05	10.5		5	754.0	31
		14.28	12.32	10.83	9.41	8.15	6.92	57.9	0.06250
	5.80	4.80	3.95	3.21	2.60	2.08	1.67	0.643	13
4:	23.16	-7	8.08	0.17	4.2		5	1256.7	37
		17.36	15.08	13.28	11.57	10.06	8.56	67.6	0.12500
	7.19	6.02	5.01	4.10	3.37	2.74	2.22	1.273	13
5:	16.34	3	9.72	0.15	3.9		5	1885.0	39
		20.81	18.11	15.95	13.91	12.07	10.28	80.3	0.12500
	8.69	7.23	5.97	4.91	3.97	3.19	2.60	0.616	13
6:	22.46	-6	12.16	0.28	4.2		5	1508.0	43
		25.85	22.59	19.95	17.41	15.14	12.90	95.0	0.25000
	10.83	9.05	7.50	6.17	5.07	4.16	3.39	1.392	13
7:	14.11	3	15.36	0.54	5.5		5	2513.5	45
		32.50	28.47	25.16	21.95	19.12	16.27	118.4	0.25000
	13.67	11.39	9.42	7.69	6.33	5.20	4.25	1.494	13

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	110N	100N ON	95N 110N	90N 10289N	80N 788	70N 4	60N 12:58:41	40N	20N	0N
1:	62.54	-2	2.35	0.05	14.0		6	188.5	15	
		5.91	5.44	4.90	4.41	3.71	2.80	29.2	0.01563	
	2.12	1.66	1.52	1.34	1.20	0.85	0.74	9.113	13	
2:	38.43	0	3.54	0.11	18.2		6	377.0	18	
		7.84	6.64	5.77	5.00	4.32	3.70	31.7	0.06250	
	3.17	2.62	2.16	1.74	1.43	1.15	0.94	1.591	13	
3:	51.45	4	4.59	0.25	11.3		6	377.0	25	
		10.23	8.74	7.67	6.65	5.76	4.87	48.4	0.01563	
	4.09	3.37	2.75	2.22	1.77	1.40	1.11	1.112	12	
4:	32.54	-3	6.14	0.37	4.7		6	754.0	31	
		13.48	11.61	10.23	8.91	7.70	6.51	58.6	0.03125	
	5.45	4.49	3.59	2.94	2.36	1.89	1.49	1.207	12	
5:	22.26	1	7.80	0.39	5.6		6	1256.7	36	
		17.02	14.73	12.98	11.30	9.74	8.27	80.8	0.01563	
	6.93	5.69	4.71	3.71	2.97	2.24	1.74	2.372	12	
6:	29.28	-2	9.67	0.82	5.2		6	1099.6	41	
		21.10	18.34	16.15	14.09	12.13	10.26	92.1	0.03125	
	8.58	7.10	5.78	4.69	3.74	2.95	2.31	0.648	10	
7:	17.68	-5	12.63	1.41	6.1		6	1979.3	44	
		27.57	23.99	21.18	18.42	15.89	13.42	119.7	0.03125	
	11.21	9.24	7.56	6.12	4.88	3.86	3.04	0.641	9	
8:	11.51	-4	10.65	4.28	6.5		6	3110.5	45	
		31.25	27.21	23.85	20.38	16.65	13.40			
	10.80	8.12	5.98	4.61	2.99	2.40	1.80		99	

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	120N	100N ON	95N 120N	90N 10289N	80N 788	70N 4	60N 13:02:00	40N	20N	0N
1:	29.66	-3	2.77	0.24	12.7		5	628.3	24	
		9.70	8.99	9.24	9.27	7.21	3.27			
	2.84	2.11	1.29	1.17	0.20	-0.11	-0.55		98	
2:	21.59	1	4.68	0.08	17.4		5	942.5	26	
		10.33	8.76	7.60	6.48	5.69	4.95	44.4	0.03125	
	4.16	3.45	2.88	2.26	1.81	1.46	1.06	3.168	13	

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3:	32.48	3	5.94	0.21	10.6		5	754.0	31
		13.10	11.24	9.85	8.53	7.41	6.31	96.2	0.00098
	5.28	4.34	3.52	2.78	2.11	1.59	1.15	6.010	13
4:	22.47	-2	7.51	0.28	4.2		5	1256.7	36
		16.16	14.01	12.50	10.83	9.36	7.94	85.0	0.00781
	6.72	5.58	4.47	3.55	2.71	1.94	1.40	5.195	12
5:	16.26	2	8.75	0.20	4.4		5	1885.0	39
		19.43	16.81	14.55	12.71	11.05	9.32	111.7	0.00391
	7.72	6.45	5.36	4.25	3.28	2.48	1.77	5.191	13
6:	22.47	-3	10.71	0.40	4.2		5	1508.0	43
		23.40	20.35	17.93	15.64	13.50	11.38	171.8	0.00098
	9.51	7.86	6.27	4.95	3.69	2.55	1.75	6.760	12
7:	14.20	-4	13.48	0.71	4.9		5	2513.5	45
		29.41	25.62	22.58	19.63	16.95	14.32	151.9	0.00781
	11.97	9.95	7.95	6.21	4.59	3.04	1.97	3.834	11
8:	9.51	-3	15.51	0.84	5.1		5	3770.3	46
		34.46	30.08	26.58	23.40	20.04	16.53	197.5	0.00391
	13.79	11.45	9.13	7.19	5.38	3.16	1.98	3.483	11

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	130N	120N ON	115N 130N	110N 10309N	100N 788	90N 4	80N 13:05:09	60N	40N	20N
1:	59.70		-5	1.61	0.73	15.6		5	188.5	14
			6.83	7.80	5.27	3.34	4.06	2.30		
	1.86		2.10	0.90	1.85	0.86	1.02	0.59		99
2:	39.61		3	3.40	0.36	17.6		5	377.0	19
			7.32	6.12	5.49	4.85	4.11	3.60	30.0	0.06250
	3.05		2.43	2.06	1.58	1.37	0.98	0.76	1.825	9
3:	50.20		1	4.32	0.36	11.1		5	377.0	24
			9.58	8.17	7.17	6.24	5.39	4.57	38.9	0.06250
	3.86		3.22	2.65	2.18	1.78	1.44	1.16	0.885	10
4:	31.95		-1	5.85	0.54	10.4		5	754.0	31
			12.52	10.77	9.56	8.40	7.28	6.19	51.7	0.06250
	5.22		4.32	3.51	2.86	2.37	1.96	1.61	0.930	10
5:	21.90		-3	7.50	0.88	8.6		5	1256.7	35
			16.24	14.07	12.41	10.81	9.35	7.97	63.1	0.12500
	6.69		5.73	4.80	3.93	3.17	2.51	2.01	1.266	9
6:	29.19		4	9.56	1.22	5.7		5	1099.6	41
			20.39	17.76	15.70	13.70	11.88	10.13	79.2	0.12500
	8.55		7.26	5.99	4.98	4.10	3.38	2.83	0.685	8
7:	17.66		3	12.30	1.91	6.5		5	1979.3	44
			26.12	22.84	20.18	17.68	15.31	13.01	101.0	0.12500
	11.02		9.36	7.73	6.41	5.31	4.46	3.77	0.281	7
8:	11.58		-11	15.10	3.52	6.7		5	3110.5	46
			32.26	28.36	25.13	21.72	18.97	16.06	124.1	0.12500
	13.48		11.64	9.42	8.06	6.59	5.45	4.52	0.324	5

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	140N	120N ON	115N 140N	110N 10309N	100N 788	90N 4	80N 13:07:50	60N	40N	20N
1:	29.18		-7	2.54	0.99	14.5		5	628.3	23
			6.24	4.37	4.24	4.53	2.69	2.17		
	4.16		3.69	3.97	0.40	2.61	0.88	1.27		99

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2:	22.67	4	4.08	0.05	16.3		5	942.5	27
		9.74	8.24	7.18	6.09	5.18	4.36	86.2	0.00024
	3.42	2.83	2.19	2.05	1.31	0.94	0.73	9.192	13
3:	32.03	1	4.94	0.18	9.8		5	754.0	31
		11.58	9.85	8.55	7.37	6.30	5.26	57.9	0.00781
	4.34	3.49	2.79	2.19	1.79	1.49	1.34	4.465	13
4:	22.32	-1	6.19	0.26	9.0		5	1256.7	36
		14.40	12.34	10.76	9.30	7.94	6.62	66.4	0.01563
	5.43	4.40	3.56	2.88	2.38	1.99	1.77	4.736	13
5:	16.15	-2	7.38	0.36	7.8		5	1885.0	39
		17.34	14.91	13.00	11.18	9.50	7.89	86.9	0.00781
	6.48	5.19	4.15	3.33	2.69	2.25	2.11	5.693	13
6:	22.54	3	8.87	0.50	5.2		5	1508.0	43
		20.99	17.97	15.65	13.48	11.47	9.48	104.7	0.00781
	7.75	6.23	5.00	3.89	3.25	2.79	2.65	6.983	13
7:	14.22	2	10.47	0.78	5.2		5	2513.5	45
		25.50	21.83	18.93	16.22	13.71	11.23	228.4	0.00024
	9.07	7.20	5.66	4.47	3.82	3.30	3.20	3.223	10
8:	9.58	-10	11.68	1.31	5.4		5	3770.3	46
		29.77	24.94	21.54	18.36	15.65	12.67	261.9	0.00024
	10.18	8.22	6.60	4.52	4.32	4.06	4.10	1.953	9

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	150N	140N ON	135N 150N	130N 10329N	120N 511	110N 4	100N 13:11:31	80N	60N	40N
1:	41.28		-3	4.35	1.57	12.1		6	188.5	15
		5.58	4.69	4.63	4.17	3.05	4.24			
	4.38	3.54	2.36	6.22	1.35	1.25	1.33			99
2:	26.07		2	1.75	1.53	14.7		6	377.0	19
		6.55	5.55	4.69	4.01	3.44	1.19			
	1.84	1.47	1.16	-5.99	0.91	0.69	0.48			99
3:	33.77		2	4.11	0.44	14.6		6	377.0	25
		9.07	7.66	6.73	5.85	5.07	4.34	36.8	0.06250	
	3.68	3.08	2.55	2.09	1.70	1.42	1.18	1.499		9
4:	21.22		-1	5.37	0.56	7.9		6	754.0	31
		11.83	10.14	8.96	7.77	6.70	5.68	51.7	0.03125	
	4.77	3.93	3.24	2.73	2.29	1.79	1.48	0.641		9
5:	14.33		-4	6.80	1.15	5.6		6	1256.7	35
		14.60	12.55	11.05	9.62	8.35	7.19	56.3	0.12500	
	6.05	5.06	4.21	3.52	2.90	2.45	1.88	0.987		7
6:	18.50		1	9.01	1.58	6.6		6	1099.6	40
		19.00	16.36	14.50	12.70	11.11	9.51	70.6	0.25000	
	8.11	6.75	5.62	4.63	3.94	3.30	2.73	1.002		7
7:	11.48		5	11.92	2.81	5.8		6	1979.3	44
		24.90	21.44	19.02	16.74	14.69	12.60	95.9	0.12500	
	10.77	9.01	7.51	6.17	5.30	4.46	3.67	0.995		5
8:	7.51		-3	15.03	4.04	4.3		6	3110.5	46
		30.47	26.00	23.13	20.52	18.31	15.91			
	13.89	11.64	9.74	7.81	6.89	5.72	5.00			99

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	160N	140N ON	135N 160N	130N 10329N	120N 659	110N 4	100N 13:14:39	80N	60N	40N
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D21_RAW.txt

1:	26.14	-3	4.46	0.70	10.7		5	628.3	25
		3.58	2.85	3.24	3.80	3.22	4.59		
	4.14	3.97	0.95	1.43	1.38	-0.00	1.31		98
2:	19.51	1	4.04	0.43	14.2		5	942.5	28
		9.55	8.08	7.06	6.13	5.35	4.34	41.0	0.03125
	3.62	2.98	2.68	2.14	1.71	1.56	1.27	2.946	10
3:	28.19	3	5.17	0.21	14.0		5	754.0	32
		11.45	9.79	8.57	7.46	6.45	5.49	41.8	0.25000
	4.60	3.81	3.13	2.61	2.17	1.80	1.63	4.714	13
4:	19.29	-2	6.52	0.54	7.2		5	1256.7	37
		14.19	12.20	10.73	9.39	8.13	6.90	58.0	0.06250
	5.84	4.88	3.95	3.24	2.64	2.21	1.81	0.749	10
5:	13.72	-3	7.63	0.64	5.3		5	1885.0	39
		16.73	14.47	12.69	11.05	9.55	8.07	61.4	0.25000
	6.80	5.68	4.80	4.08	3.40	2.78	2.51	2.498	11
6:	18.59	1	9.75	0.88	6.2		5	1508.0	43
		20.85	18.10	15.96	13.94	12.08	10.34	80.7	0.12500
	8.68	7.29	5.95	5.07	4.26	3.51	3.23	1.099	10
7:	12.02	6	12.46	1.34	5.1		5	2513.5	46
		26.32	22.94	20.24	17.71	15.32	13.22	101.6	0.12500
	11.09	9.31	7.58	6.53	5.54	4.59	4.30	0.594	9
8:	8.06	-4	14.74	1.70	3.7		5	3770.3	46
		30.81	27.03	23.87	20.86	17.98	15.78	118.9	0.12500
	12.99	11.17	8.74	7.77	6.75	5.53	5.55	1.529	9

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	170N	160N ON	155N 170N	150N 10349N	140N 659	130N 4	120N 13:17:59	100N	80N	60N
1:	57.39		-0	1.98	1.33	16.2		5	188.5	16
		4.78	3.81	3.43	3.21	3.21	1.67	1.62		
	2.22	2.16	2.24	1.67	1.32	0.63	0.56			99
2:	35.10		-3	3.05	0.20	24.3		5	377.0	20
		7.06	5.98	5.19	4.45	3.93	3.28	36.2	0.00781	
	2.70	2.23	1.84	1.44	1.19	0.96	0.78	1.346		11
3:	46.19		0	3.70	0.01	16.5		5	377.0	26
		8.53	7.21	6.28	5.44	4.69	3.95	54.1	0.00195	
	3.26	2.68	2.17	1.73	1.35	1.04	0.80	2.857		13
4:	28.95		1	5.06	0.00	8.1		5	754.0	33
		11.21	9.62	8.45	7.33	6.35	5.40	58.3	0.00781	
	4.43	3.69	2.87	2.43	1.86	1.64	1.09	4.005		13
5:	19.52		-2	6.23	0.00	6.8		5	1256.7	37
		13.78	11.84	10.41	9.01	7.76	6.60	79.1	0.00391	
	5.53	4.43	3.67	2.82	2.42	1.69	1.31	4.352		13
6:	24.56		-1	8.12	0.00	7.8		5	1099.6	41
		17.58	15.24	13.41	11.68	10.10	8.60	84.3	0.01563	
	7.20	6.03	4.98	4.09	3.17	2.39	1.84	3.436		13
7:	14.64		5	10.65	0.00	7.7		5	1979.3	44
		23.06	20.01	17.64	15.44	13.23	11.28	120.3	0.00781	
	9.49	7.77	6.33	5.19	4.06	3.05	2.21	4.611		13
8:	9.79		-1	13.00	0.06	6.5		5	3110.5	46
		28.21	24.44	21.59	19.14	16.03	13.63	148.2	0.00781	
	11.86	9.87	8.21	6.75	5.16	3.92	2.44	8.519		13

D21_RAW.txt

*									
180N	160N ON	155N 180N	150N 10349N	140N 530	130N 4	120N 13:21:28	100N	80N	60N
1:	21.29	0	1.80	0.76	15.1		5	628.3	25
	0.79	7.25	3.53	2.52	4.57	2.41	3.63		99
		1.71	4.87	1.06	0.09	1.79	-0.03		
2:	15.61	-5	3.94	0.14	23.6		5	942.5	28
	3.40	9.05	7.82	6.88	5.84	5.09	4.14	81.8	0.00024
		2.77	1.78	1.74	1.33	0.89	0.76	8.865	13
3:	23.04	1	4.84	0.49	16.1		5	754.0	33
	4.28	11.12	9.46	8.26	7.12	6.11	5.14	56.6	0.00781
		3.48	2.78	2.20	1.68	1.25	0.87	0.970	9
4:	15.81	1	5.94	0.71	7.5		5	1256.7	37
	5.24	13.51	11.57	10.12	8.75	7.49	6.30	69.2	0.00781
		4.24	3.35	2.65	2.01	1.47	0.99	0.803	8
5:	11.28	-1	7.04	1.01	6.2		5	1885.0	40
	6.22	16.04	13.78	12.02	10.38	8.91	7.48	74.5	0.01563
		5.07	4.02	3.18	2.40	1.76	1.11	0.584	8
6:	14.91	-2	8.55	1.56	6.9		5	1508.0	42
	7.48	19.47	16.80	14.67	12.71	10.88	9.16	90.8	0.01563
		6.05	4.78	3.59	2.61	1.80	1.08	0.345	6
7:	9.30	5	10.68	2.65	6.6		5	2513.5	44
	9.34	24.45	21.15	18.43	15.99	13.63	11.46	113.5	0.01563
		7.56	5.91	4.38	3.12	2.07	1.03	0.316	5
8:	6.39	0	12.15	3.77	5.1		5	3770.3	45
	10.36	28.76	24.54	21.23	18.51	15.70	13.38		99
		8.74	7.00	4.64	3.28	2.03	0.62		

*									
190N	180N ON	175N 190N	170N 10369N	160N 531	150N 4	140N 13:25:04	120N	100N	80N
1:	44.42	-11	0.70	0.86	14.5		5	188.5	16
	1.36	5.59	5.46	5.42	2.66	5.40	2.70		99
		2.37	4.23	0.90	0.34	0.74	0.75		
2:	30.37	-1	3.19	0.12	16.5		5	377.0	22
	2.87	7.24	5.80	5.06	4.51	3.68	3.33	30.1	0.03125
		2.26	1.70	1.52	1.36	0.97	0.60	5.091	12
3:	38.55	3	3.79	0.14	10.0		5	377.0	27
	3.35	8.85	7.46	6.48	5.58	4.76	4.03	63.0	0.00098
		2.74	2.16	1.77	1.36	1.03	0.71	2.704	12
4:	23.90	-4	4.38	0.36	13.3		5	754.0	34
	3.78	10.60	8.99	7.79	6.66	5.71	4.71	59.1	0.00391
		3.41	2.63	2.07	1.55	1.14	0.82	2.351	10
5:	16.36	-4	5.64	0.28	16.8		5	1256.7	39
	4.99	12.86	10.99	9.54	8.22	7.06	5.98	65.5	0.00781
		3.84	3.30	2.88	2.31	1.52	0.92	4.998	12
6:	20.41	4	7.40	0.75	10.2		5	1099.6	42
	6.49	16.80	14.51	12.72	10.96	9.44	7.88	86.1	0.00781
		5.53	4.07	3.16	2.22	1.64	1.16	2.746	9
7:	11.88	5	9.03	1.29	13.2		5	1979.3	44
	7.89	21.23	18.26	15.89	13.57	11.63	9.69	118.8	0.00391
		6.53	4.95	3.99	2.84	2.03	1.36	0.658	8

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8:	7.65	-1	11.35	1.91	12.4		5	3110.5	45
		24.96	22.08	19.54	16.87	15.37	12.21	97.5	0.12500
	9.44	8.01	6.20	4.45	2.49	1.40	1.37	2.093	6
*									
200N	180N ON	175N 200N	170N 10369N	160N 652	150N 4	140N	120N 13:27:50	100N	80N
1:	26.73	-13	2.48	2.76	14.3		5	628.3	26
		9.99	7.07	4.17	2.28	0.66	2.03		
	1.01	2.75	2.03	2.03	1.68	0.29	-1.14		99
2:	21.42	-0	4.39	0.20	16.2		5	942.5	31
		9.90	8.50	7.46	6.48	5.57	4.67	93.6	0.00024
	3.85	3.05	2.34	1.89	1.56	1.12	0.91	4.150	12
3:	30.38	2	5.05	0.14	9.6		5	754.0	35
		11.56	9.88	8.64	7.44	6.39	5.37	73.6	0.00195
	4.46	3.65	2.95	2.36	1.86	1.44	1.08	2.869	13
4:	20.54	-4	5.94	0.23	12.5		5	1256.7	40
		13.63	11.68	10.21	8.87	7.58	6.34	87.1	0.00195
	5.22	4.32	3.42	2.73	2.19	1.82	1.29	2.784	13
5:	14.80	-3	7.11	0.35	15.3		5	1885.0	43
		16.00	13.77	12.05	10.38	8.96	7.55	102.1	0.00195
	6.33	5.04	4.07	3.18	2.39	1.69	1.45	3.409	11
6:	19.34	3	8.38	0.45	9.2		5	1508.0	45
		19.07	16.41	14.35	12.38	10.59	8.93	120.8	0.00195
	7.34	5.95	4.78	3.78	2.90	2.22	1.62	2.503	11
7:	11.74	5	10.32	0.80	6.8		5	2513.5	45
		23.63	20.42	17.85	15.39	13.15	11.01	149.1	0.00195
	9.03	7.27	5.82	4.57	3.43	2.57	1.90	2.072	10
8:	7.78	-1	11.79	1.77	6.1		5	3770.3	45
		27.41	23.53	20.45	17.53	14.82	12.56	152.2	0.00391
	10.18	8.33	6.89	5.29	3.72	2.97	2.02	0.677	7
*									
210N	200N ON	195N 210N	190N 10389N	180N 652	170N 4	160N	140N 13:31:11	120N	100N
1:	56.98	-11	2.94	0.17	25.5		6	188.5	16
		7.40	5.75	4.12	3.87	3.28	3.53	27.3	0.03125
	2.02	1.88	1.75	1.14	1.08	1.22	0.60	16.542	12
2:	39.23	15	3.34	0.14	28.1		6	377.0	23
		7.72	6.49	5.71	4.92	4.25	3.51	35.7	0.01563
	3.03	2.44	1.98	1.63	1.27	1.03	0.84	1.455	13
3:	48.91	-4	4.01	0.10	16.3		6	377.0	28
		9.22	7.79	6.78	5.85	5.01	4.26	46.9	0.00781
	3.54	2.91	2.39	1.92	1.53	1.21	0.93	1.237	13
4:	30.67	-9	5.29	0.03	11.7		6	754.0	35
		11.83	10.08	8.83	7.65	6.61	5.58	47.9	0.06250
	4.74	3.90	3.25	2.63	2.16	1.77	1.46	2.092	13
5:	21.28	-2	6.53	0.18	8.7		6	1256.7	41
		14.29	12.35	10.84	9.42	8.12	6.91	55.0	0.12500
	5.83	4.54	3.95	3.41	2.73	2.22	1.88	3.433	13
6:	26.30	-2	7.73	0.40	10.6		6	1099.6	44
		17.10	14.75	12.90	11.18	9.61	8.20	74.3	0.03125
	6.82	5.67	4.70	3.78	3.04	2.50	1.96	0.864	12

D21_RAW.txt

7:	15.20	5	9.82	0.35	10.8		6	1979.3	46
		21.78	18.83	16.46	14.31	12.42	10.46	87.3	0.06250
	8.78	7.20	5.96	4.78	3.96	3.20	2.61	1.305	13

8:	9.54	1	11.81	0.46	7.7		6	3110.5	45
		26.61	23.07	20.02	17.42	15.25	12.84	95.4	0.25000
	10.30	8.91	7.50	6.21	5.23	4.19	3.43	3.018	13

*
 220N 200N 195N 190N 180N 170N 160N 140N 120N 100N
 ON 220N 10389N 652 4 13:34:21|

1:	28.46	-11	6.38	0.00	22.0		5	628.3	27
		9.75	6.84	7.88	8.55	5.89	5.74	57.7	0.00391
	2.03	4.13	2.78	3.37	2.48	0.41	1.38	55.017	13

2:	22.82	16	4.15	0.00	25.2		5	942.5	33
		10.21	8.77	7.44	6.33	5.58	4.50	63.7	0.00195
	3.94	3.06	2.45	2.01	1.54	1.28	1.01	2.132	13

3:	31.59	-4	5.15	0.00	14.9		5	754.0	37
		11.80	10.06	8.80	7.59	6.52	5.48	67.2	0.00391
	4.57	3.74	3.05	2.45	1.90	1.51	1.21	1.506	13

4:	21.53	-9	6.33	0.00	9.9		5	1256.7	42
		14.28	12.22	10.72	9.21	7.95	6.71	73.6	0.00781
	5.61	4.58	3.73	3.02	2.37	1.92	1.52	1.038	13

5:	15.69	-1	7.33	0.00	7.0		5	1885.0	45
		16.54	14.24	12.56	10.77	9.23	7.78	94.8	0.00391
	6.52	5.34	4.33	3.47	2.63	2.12	1.74	2.194	13

6:	20.29	-3	8.76	0.00	9.2		5	1508.0	47
		19.55	16.86	14.95	12.94	11.11	9.34	126.0	0.00195
	7.67	6.32	5.13	4.04	3.10	2.46	1.95	2.863	13

7:	12.20	6	10.68	0.34	9.2		5	2513.5	47
		23.64	20.43	18.17	15.75	13.46	11.38	195.5	0.00049
	9.33	7.69	6.25	4.87	3.48	2.80	2.14	5.503	13

8:	7.86	1	13.38	0.04	6.8		5	3770.3	45
		27.17	23.20	21.18	18.33	15.69	14.45	231.0	0.00049
	11.62	9.80	7.72	6.09	4.78	2.83	2.20	12.531	13

*
 230N 220N 215N 210N 200N 190N 180N 160N 140N 120N
 ON 230N 10409N 652 4 13:37:31|

1:	65.80	-3	2.56	0.49	12.2		5	188.5	19
		7.19	6.33	5.80	4.58	3.69	2.74	65.5	0.00024
	2.46	1.43	2.32	1.33	1.25	0.29	0.43	6.550	7

2:	41.63	7	3.32	0.00	19.5		5	377.0	24
		7.55	6.36	5.55	4.84	4.16	3.53	32.3	0.03125
	2.91	2.49	1.99	1.60	1.31	1.06	0.85	1.246	13

3:	51.65	-1	4.09	0.00	15.9		5	377.0	30
		9.44	7.98	6.97	6.02	5.17	4.35	43.7	0.01563
	3.63	2.99	2.43	1.97	1.59	1.28	1.04	0.961	13

4:	31.76	6	5.21	0.12	11.6		5	754.0	37
		12.06	10.28	8.96	7.72	6.62	5.55	86.3	0.00098
	4.61	3.78	3.05	2.42	1.90	1.53	1.03	4.429	13

5:	21.54	-10	6.50	0.09	13.0		5	1256.7	42
		14.58	12.53	10.99	9.52	8.20	6.90	68.9	0.01563
	5.76	4.79	3.92	3.16	2.57	2.04	1.60	0.799	13

D21_RAW.txt

6:	27.06	-8	7.92	0.04	16.3		5	1099.6	46
	17.92	15.44	13.61	11.82	10.06	8.42	92.8	0.00781	
	7.07	5.85	4.79	3.80	3.01	2.41	1.93	1.281	13
7:	15.60	3	9.61	0.04	17.6		5	1979.3	47
	21.72	18.75	16.52	14.45	12.20	10.20	139.3	0.00195	
	8.50	6.98	5.69	4.48	3.59	2.70	2.09	2.994	13
8:	9.73	1	11.25	0.31	13.7		5	3110.5	46
	25.88	22.38	19.41	16.59	14.47	12.02	185.1	0.00098	
	10.15	8.10	6.64	5.24	4.07	3.04	2.50	3.259	13

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	240N	220N ON	215N 240N	210N 10409N	200N 829	190N 4	180N 13:40:08	160N	140N	120N
1:	39.12	-2	0.81	3.51	12.1		5	628.3	30	
	10.77	9.36	8.11	9.19	7.25	0.92				
	0.90	1.47	-0.31	1.82	1.10	2.06	0.20		99	
2:	28.80	7	4.93	0.10	18.4		5	942.5	33	
	10.53	8.98	7.96	6.80	5.86	5.22	50.0	0.01563		
	4.32	3.52	2.97	2.27	1.82	1.36	1.13	3.397	13	
3:	40.19	-1	5.61	0.03	14.2		5	754.0	37	
	12.64	10.80	9.45	8.17	7.02	5.95	65.0	0.00781		
	4.95	4.07	3.35	2.65	2.12	1.64	1.31	1.538	13	
4:	27.20	6	6.80	0.00	9.8		5	1256.7	41	
	15.27	13.13	11.50	9.91	8.54	7.21	78.9	0.00781		
	6.03	4.94	4.07	3.21	2.58	2.10	1.57	1.644	13	
5:	19.48	-10	7.89	0.08	10.7		5	1885.0	44	
	17.57	15.19	13.31	11.55	9.97	8.39	82.8	0.01563		
	6.98	5.71	4.75	3.85	3.11	2.39	1.89	1.283	13	
6:	25.72	-7	9.20	0.00	13.2		5	1508.0	47	
	20.76	17.95	15.81	13.65	11.77	9.77	106.4	0.00781		
	8.13	6.68	5.53	4.39	3.46	2.74	2.10	1.932	13	
7:	15.49	2	10.75	0.08	14.2		5	2513.5	47	
	24.37	21.18	18.48	15.99	13.83	11.47	139.5	0.00391		
	9.56	7.80	6.58	5.13	4.06	3.16	2.46	2.178	13	
8:	9.95	2	12.19	0.91	11.5		5	3770.3	45	
	28.86	25.22	22.39	19.21	16.93	12.91	163.5	0.00391		
	10.71	9.08	7.39	5.97	4.55	4.09	3.09	2.740	10	

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	250N	240N ON	235N 250N	230N 10429N	220N 777	210N 4	200N 13:43:18	180N	160N	140N
1:	93.47	-10	3.49	0.70	5.6		5	188.5	23	
	8.57	7.21	5.99	4.56	3.57	3.54	72.1	0.00024		
	3.25	1.98	2.73	1.03	2.73	0.89	1.03	8.063	6	
2:	54.22	5	4.16	0.01	17.3		5	377.0	26	
	9.25	7.87	6.90	6.05	5.26	4.38	35.4	0.12500		
	3.71	3.11	2.47	2.09	1.70	1.43	1.19	2.933	13	
3:	70.74	7	4.79	0.03	15.3		5	377.0	34	
	10.99	9.36	8.15	7.03	6.03	5.08	69.6	0.00195		
	4.24	3.47	2.79	2.26	1.75	1.35	1.00	3.428	13	
4:	39.17	4	5.89	0.08	6.3		5	754.0	38	
	13.32	11.42	9.97	8.65	7.43	6.26	68.7	0.00781		
	5.23	4.28	3.52	2.83	2.26	1.77	1.38	1.316	13	

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5:	25.50	-6	7.11	0.17	8.2		5	1256.7	41
		15.92	13.69	11.99	10.39	8.93	7.54	82.5	0.00781
	6.31	5.20	4.21	3.41	2.68	2.14	1.68	1.344	13
6:	31.80	2	8.67	0.29	11.1		5	1099.6	45
		19.35	16.70	14.65	12.70	10.92	9.22	90.3	0.01563
	7.68	6.30	5.17	4.13	3.33	2.61	2.05	1.320	13
7:	18.52	-2	10.43	0.29	11.0		5	1979.3	47
		23.23	20.04	17.55	15.27	13.07	11.07	149.0	0.00195
	9.21	7.49	6.12	4.80	3.82	2.92	2.22	3.242	13
8:	11.56	-4	12.18	1.00	11.1		5	3110.5	46
		26.89	23.05	20.25	17.80	15.14	13.02	124.8	0.01563
	10.73	8.54	7.34	5.45	4.74	3.51	2.96	2.532	10

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	260N	240N ON	235N 260N	230N 10429N	220N 777	210N 4	200N 13:46:11	180N	160N	140N
1:	41.99	-9	5.76	0.00	5.9		5	628.3	34	
		8.23	6.54	7.04	10.79	10.80	7.73	55.9	0.00781	
	4.54	1.92	5.51	0.95	2.88	1.20	0.92	59.081	13	
2:	28.29	4	5.68	0.00	15.9		5	942.5	34	
		13.01	11.17	9.75	8.22	7.04	5.99	66.4	0.00781	
	5.07	4.25	3.30	2.80	2.11	1.75	1.34	2.043	13	
3:	41.38	8	6.51	0.09	13.7		5	754.0	40	
		14.72	12.65	11.06	9.52	8.17	6.93	68.5	0.01563	
	5.76	4.77	3.85	3.15	2.49	1.98	1.56	0.994	13	
4:	25.31	4	7.61	0.04	5.5		5	1256.7	41	
		16.94	14.61	12.80	11.14	9.61	8.08	79.7	0.01563	
	6.77	5.57	4.55	3.63	2.92	2.33	1.81	1.220	13	
5:	17.52	-6	8.64	0.04	7.0		5	1885.0	42	
		19.42	16.79	14.70	12.66	10.88	9.18	90.9	0.01563	
	7.68	6.36	5.14	4.18	3.36	2.70	2.09	0.710	13	
6:	23.07	1	10.06	0.02	9.8		5	1508.0	45	
		22.41	19.36	16.97	14.74	12.78	10.69	128.3	0.00391	
	8.93	7.31	5.97	4.75	3.74	2.87	2.17	3.279	13	
7:	14.09	-2	11.80	0.02	9.5		5	2513.5	46	
		26.09	22.59	19.75	17.28	14.99	12.54	150.0	0.00391	
	10.49	8.61	7.07	5.57	4.38	3.35	2.56	3.427	13	
8:	9.08	-3	12.78	0.30	9.5		5	3770.3	44	
		29.37	25.11	21.68	19.74	16.80	13.82	274.4	0.00024	
	11.57	9.21	7.72	5.65	4.63	3.23	2.58	6.073	13	

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	270N	260N ON	255N 270N	250N 10449N	240N 777	230N 4	220N 13:49:34	200N	180N	160N
1:	96.34	-6	4.33	0.21	5.5		5	188.5	23	
		9.70	8.23	7.19	6.34	5.42	4.54	41.9	0.03125	
	3.88	3.29	2.82	2.06	1.56	0.99	0.91	4.027	11	
2:	58.62	6	5.17	0.04	11.3		5	377.0	28	
		11.29	9.69	8.49	7.40	6.41	5.47	49.6	0.03125	
	4.59	3.81	3.13	2.53	1.99	1.63	1.28	1.162	13	
3:	69.73	1	5.77	0.05	9.3		5	377.0	34	
		13.21	11.31	9.87	8.54	7.33	6.15	67.5	0.00781	
	5.09	4.18	3.41	2.76	2.20	1.75	1.36	0.795	13	

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4:	41.24	-4	7.06	0.03	4.4		5	754.0	40
		15.84	13.64	11.93	10.34	8.91	7.50	81.4	0.00781
	6.25	5.13	4.16	3.37	2.67	2.06	1.60	2.143	13
5:	26.97	3	8.12	0.02	5.3		5	1256.7	44
		18.26	15.73	13.76	11.91	10.26	8.62	104.6	0.00391
	7.20	5.88	4.82	3.84	3.03	2.38	1.81	2.218	13
6:	30.08	2	9.57	0.02	8.3		5	1099.6	43
		21.37	18.47	16.18	14.04	12.09	10.17	122.9	0.00391
	8.49	7.00	5.67	4.58	3.63	2.79	2.09	2.971	13
7:	17.37	4	11.26	0.07	12.9		5	1979.3	44
		25.34	21.87	19.14	16.60	14.26	11.95	207.6	0.00049
	9.97	8.11	6.46	5.25	4.03	2.98	2.16	5.591	13
8:	11.00	-3	12.84	0.22	10.2		5	3110.5	44
		28.52	24.81	21.80	18.98	16.40	13.64	271.3	0.00024
	11.38	9.36	7.62	5.85	4.60	3.24	2.45	6.624	13

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	280N	260N ON	255N 280N	250N 10449N	240N 906	230N 4	220N 13:52:31	200N	180N	160N
1:	51.26	-6	5.69	0.74	5.3		5	942.5	53	
		13.92	11.93	7.74	8.45	7.75	6.42	46.4	0.50000	
	4.74	4.86	4.25	3.21	1.79	1.64	1.16	11.805	9	
2:	36.03	5	6.68	0.12	11.5		5	628.3	25	
		14.67	12.65	11.29	9.69	8.32	7.07	63.9	0.03125	
	5.92	4.75	3.90	3.22	2.68	2.10	1.66	1.276	13	
3:	47.96	1	7.60	0.02	9.5		5	125.7	7	
		16.90	14.56	12.73	11.04	9.53	8.06	73.0	0.03125	
	6.75	5.58	4.58	3.70	2.99	2.39	1.90	0.399	13	
4:	31.26	-4	8.62	0.03	3.9		5	0.0	0	
		19.20	16.54	14.48	12.55	10.81	9.17	90.0	0.01563	
	7.59	6.29	5.16	4.15	3.32	2.62	2.07	0.939	13	
5:	21.76	3	9.60	0.01	4.9		5	0.0	0	
		21.43	18.53	16.25	14.05	12.09	10.19	92.6	0.03125	
	8.54	7.02	5.77	4.72	3.85	3.09	2.51	1.095	13	
6:	25.64	1	11.05	0.00	7.4		5	94.2	3	
		24.32	21.10	18.46	16.06	13.86	11.74	97.9	0.06250	
	9.85	8.17	6.68	5.47	4.47	3.58	2.97	1.214	13	
7:	15.54	4	12.64	0.06	10.6		5	471.2	8	
		27.91	24.19	21.14	18.39	15.86	13.42	111.6	0.06250	
	11.25	9.34	7.62	6.26	5.11	4.16	3.37	1.158	13	
8:	10.15	-3	14.13	0.23	8.3		5	1099.6	12	
		30.96	26.76	23.11	20.45	17.88	15.05	107.6	0.50000	
	12.57	10.78	8.96	7.33	6.16	5.03	4.25	2.930	13	

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	290N	280N ON	275N 290N	270N 10469N	260N 906	250N 4	240N 13:56:45	220N	200N	180N
1:	136.40	-8	3.48	0.05	11.1		5	188.5	28	
		8.03	6.97	5.84	5.11	4.26	3.61	64.9	0.00049	
	3.09	2.40	1.91	1.50	1.19	0.92	0.80	3.083	13	
2:	78.28	7	4.31	0.05	13.9		5	377.0	33	
		9.78	8.30	7.26	6.28	5.43	4.58	45.7	0.01563	
	3.82	3.16	2.59	2.10	1.68	1.32	1.04	1.019	13	

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3:	92.28	1	5.55	0.03	6.5		5	377.0	38
		12.58	10.75	9.40	8.13	6.99	5.90	64.8	0.00781
	4.92	4.05	3.31	2.66	2.12	1.67	1.30	1.295	13
4:	55.50	-0	7.25	0.07	3.4		5	754.0	46
		16.34	14.06	12.29	10.63	9.14	7.70	84.1	0.00781
	6.42	5.28	4.29	3.45	2.73	2.16	1.72	1.130	13
5:	33.09	-4	8.42	0.10	3.4		5	1256.7	46
		19.17	16.52	14.45	12.47	10.67	8.96	108.8	0.00391
	7.44	6.08	4.91	3.92	3.12	2.46	1.95	1.351	13
6:	38.95	2	9.75	0.17	3.9		5	1099.6	47
		22.20	19.17	16.74	14.46	12.37	10.38	141.6	0.00195
	8.60	7.06	5.72	4.56	3.59	2.79	2.20	2.027	13
7:	19.91	6	11.13	0.26	5.7		5	1979.3	43
		25.59	22.09	19.28	16.59	14.15	11.87	160.9	0.00195
	9.78	7.95	6.37	5.08	4.02	3.17	2.58	1.674	13
8:	12.46	2	12.42	0.40	10.3		5	3110.5	43
		29.26	25.20	21.83	18.80	15.95	13.29	234.0	0.00049
	10.90	8.88	7.06	5.56	4.36	3.54	2.79	1.914	13

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300N	280N ON	275N 300N	270N 10469N	260N 804	250N 4	240N 13:59:38	220N	200N	180N
1:	44.30	-7	4.64	0.00	10.8		5	628.3	35
		15.91	12.93	11.28	6.32	5.52	4.52	103.2	0.00024
	3.95	3.61	2.66	1.16	1.33	1.43	1.05	26.991	13
2:	30.53	7	6.52	0.00	13.4		5	942.5	36
		14.24	12.30	10.85	9.68	8.24	6.93	63.0	0.03125
	5.77	4.87	3.87	3.30	2.61	2.03	1.64	1.551	13
3:	41.27	1	7.85	0.00	6.0		5	754.0	39
		17.44	15.04	13.15	11.42	9.85	8.33	81.8	0.01563
	6.96	5.74	4.69	3.75	3.04	2.35	1.83	1.677	13
4:	27.90	-0	9.14	0.03	3.2		5	1256.7	44
		20.68	17.87	15.61	13.41	11.54	9.71	105.8	0.00781
	8.09	6.64	5.39	4.33	3.40	2.77	2.21	0.998	13
5:	17.95	-4	10.60	0.00	3.2		5	1885.0	42
		23.43	20.30	17.81	15.43	13.27	11.22	100.8	0.03125
	9.40	7.72	6.31	5.08	4.19	3.32	2.66	0.671	13
6:	22.72	3	11.50	0.00	3.8		5	1508.0	43
		26.01	22.46	19.62	16.89	14.49	12.20	119.7	0.01563
	10.23	8.34	6.81	5.36	4.38	3.53	2.86	1.268	13
7:	12.41	6	13.31	0.00	5.3		5	2513.5	39
		29.46	25.54	22.35	19.31	16.59	14.05	136.7	0.01563
	11.88	9.59	7.83	6.20	5.06	4.06	3.22	1.117	13
8:	8.10	2	13.80	0.00	9.2		5	3770.3	38
		32.80	27.93	24.14	19.99	17.25	14.60	199.0	0.00195
	12.45	9.53	7.98	6.10	4.88	4.11	3.30	2.645	13

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310N	300N ON	295N 310N	290N 10489N	280N 954	270N 4	260N 14:03:08	240N	220N	200N
1:	144.06	22	2.85	0.21	8.8		5	188.5	28
		7.63	6.51	5.66	5.08	4.31	3.09	30.4	0.06250
	2.68	3.14	1.49	1.75	1.74	1.05	0.77	15.863	12

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2:	94.37	-26	3.34	0.06	15.3		5	377.0	37
		7.74	6.52	5.67	4.90	4.20	3.53	39.1	0.00781
	2.96	2.41	1.98	1.60	1.25	0.98	0.80	1.306	13
3:	82.99	13	5.59	0.13	9.2		5	377.0	33
		12.81	10.93	9.53	8.21	7.05	5.94	65.4	0.00781
	4.95	4.06	3.33	2.68	2.15	1.70	1.31	1.025	13
4:	50.64	0	7.48	0.22	3.2		5	754.0	40
		16.87	14.52	12.69	10.98	9.45	7.96	86.8	0.00781
	6.62	5.45	4.43	3.57	2.85	2.25	1.74	1.317	13
5:	30.99	-5	9.09	0.30	3.5		5	1256.7	41
		20.45	17.66	15.45	13.35	11.48	9.67	95.1	0.01563
	8.05	6.61	5.41	4.38	3.52	2.77	2.16	1.065	13
6:	37.27	0	11.01	0.54	5.2		5	1099.6	43
		24.65	21.36	18.69	16.18	13.92	11.71	114.8	0.01563
	9.75	8.02	6.54	5.29	4.25	3.35	2.63	0.734	12
7:	19.91	7	12.49	0.95	5.7		5	1979.3	41
		28.12	24.41	21.35	18.49	15.88	13.30	144.1	0.00781
	11.04	9.09	7.34	5.93	4.79	3.81	2.85	0.941	11
8:	11.39	5	13.85	1.50	5.5		5	3110.5	37
		31.09	27.04	23.60	20.46	17.63	14.67	144.1	0.01563
	12.29	10.25	8.04	6.61	5.48	4.18	3.49	1.192	9

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	320N	300N ON	295N 320N	290N 10489N	280N 953	270N 4	260N 14:05:58	240N	220N	200N
1:	65.44		20	5.49	0.30	8.8		5	628.3	43
		10.54	11.09	9.80	8.34	6.83	4.77	50.6	0.03125	
	5.10	1.62	4.86	3.25	1.18	1.42	0.51	38.330	10	
2:	49.43	-23	4.66	0.02	15.3		5	942.5	49	
		10.83	9.15	7.95	6.84	5.88	4.96	54.8	0.00781	
	4.02	3.41	2.69	2.24	1.83	1.40	1.15	1.489	13	
3:	47.74	12	7.07	0.08	8.8		5	754.0	38	
		15.98	13.74	11.99	10.36	8.90	7.52	74.6	0.01563	
	6.22	5.17	4.21	3.40	2.75	2.19	1.75	0.386	13	
4:	32.04	0	8.91	0.18	3.0		5	1256.7	42	
		19.90	17.21	15.10	13.08	11.26	9.47	93.7	0.01563	
	7.91	6.51	5.34	4.32	3.48	2.76	2.18	0.621	13	
5:	20.97	-4	10.34	0.22	3.4		5	1885.0	41	
		23.04	19.99	17.53	15.17	13.05	10.99	108.4	0.01563	
	9.15	7.56	6.20	5.00	4.03	3.22	2.57	0.636	13	
6:	26.75	0	12.15	0.38	4.8		5	1508.0	42	
		26.89	23.38	20.56	17.80	15.33	12.90	115.8	0.03125	
	10.81	8.91	7.31	5.92	4.76	3.83	3.11	0.673	13	
7:	15.12	7	13.69	0.72	5.3		5	2513.5	40	
		30.09	26.22	23.14	20.03	17.31	14.56	130.2	0.03125	
	12.18	10.08	8.33	6.74	5.40	4.38	3.36	0.522	12	
8:	8.96	5	14.62	1.16	5.1		5	3770.3	35	
		32.38	28.14	25.10	21.62	18.68	15.54	129.8	0.06250	
	13.11	10.61	9.04	7.46	6.18	4.89	3.94	1.660	11	

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	330N	320N ON	315N 330N	310N 10509N	300N 1038	290N 4	280N 14:09:12	260N	240N	220N
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D21_RAW.txt

1:	128.19	-3	3.21	0.27	8.7		5	188.5	23
		7.77	6.70	5.23	3.39	3.32	3.22	30.0	0.03125
	2.69	2.37	1.99	1.64	0.81	0.88	1.30	12.976	10
2:	77.12	-5	3.54	0.00	11.1		5	377.0	28
		7.99	6.74	5.89	5.20	4.49	3.77	41.0	0.00781
	3.12	2.56	2.06	1.69	1.37	1.05	0.76	3.257	13
3:	97.77	4	4.72	0.11	6.7		5	377.0	36
		10.84	9.24	8.04	6.91	5.96	5.02	55.1	0.00781
	4.17	3.42	2.79	2.25	1.78	1.39	1.11	1.217	13
4:	72.14	-10	5.83	0.10	8.6		5	754.0	52
		13.47	11.49	10.00	8.61	7.38	6.20	76.3	0.00391
	5.15	4.22	3.42	2.74	2.20	1.76	1.38	0.835	13
5:	33.19	10	8.21	0.13	9.9		5	1256.7	40
		18.77	16.17	14.13	12.17	10.41	8.74	106.5	0.00391
	7.26	5.94	4.81	3.85	3.07	2.41	1.91	1.201	13
6:	39.85	1	10.46	0.39	6.6		5	1099.6	42
		23.63	20.47	17.89	15.42	13.27	11.15	120.2	0.00781
	9.20	7.56	6.13	4.91	3.90	3.09	2.47	1.284	13
7:	21.71	3	12.70	0.77	4.0		5	1979.3	41
		28.62	24.88	21.77	18.73	16.09	13.53	145.5	0.00781
	11.15	9.14	7.46	5.95	4.69	3.73	3.11	1.259	11
8:	12.83	4	13.79	1.31	3.9		5	3110.5	38
		31.29	27.24	23.65	20.18	17.53	14.76	158.5	0.00781
	12.07	9.92	8.06	6.39	4.96	3.90	3.56	0.790	9

*

	340N	320N ON	315N 340N	310N 10509N	300N 910	290N 4	280N 14:12:04	260N	240N	220N
1:	49.93		-5	2.47	1.30	9.6		5	628.3	34
		10.80	9.88	8.00	3.84	2.59	2.54			
	2.18	3.53	1.26	2.72	3.97	1.33	-0.23			99
2:	34.71		-3	4.83	0.00	11.7		5	942.5	36
		10.66	9.00	7.95	7.06	6.13	5.16	69.0	0.00195	
	4.29	3.35	2.86	2.15	1.59	1.33	1.11	4.541	13	
3:	49.33		3	5.93	0.05	6.4		5	754.0	41
		13.81	11.81	10.23	8.77	7.52	6.31	77.4	0.00391	
	5.24	4.32	3.46	2.78	2.23	1.75	1.36	1.174	13	
4:	40.45		-9	7.13	0.01	8.0		5	1256.7	56
		16.50	14.14	12.29	10.57	9.05	7.59	104.0	0.00195	
	6.28	5.16	4.16	3.32	2.61	2.04	1.57	2.069	13	
5:	19.75		10	9.52	0.05	7.7		5	1885.0	41
		21.72	18.69	16.30	14.11	12.07	10.14	122.6	0.00391	
	8.40	6.82	5.59	4.43	3.54	2.76	2.18	1.507	13	
6:	25.15		1	11.49	0.02	4.9		5	1508.0	42
		26.17	22.69	19.80	17.02	14.59	12.24	188.4	0.00098	
	10.15	8.34	6.71	5.35	4.22	3.25	2.43	3.150	13	
7:	14.51		3	13.43	0.07	3.8		5	2513.5	40
		30.54	26.57	23.16	19.86	17.05	14.31	192.7	0.00195	
	11.84	9.69	7.63	6.14	4.91	3.90	2.96	2.059	13	
8:	8.89		4	14.09	0.19	3.7		5	3770.3	37
		32.94	28.60	24.59	20.81	17.85	15.03	265.0	0.00049	
	12.46	10.41	8.33	6.53	5.46	3.86	2.87	4.446	13	

D21_RAW.txt

*	350N	340N ON	335N 350N	330N 10529N	320N 909	310N 4	300N 14:15:12	280N	260N	240N
1:	99.39		-0	2.91	0.58	11.0		5	188.5	21
	2.78		6.21	5.45	5.04	4.17	3.31	2.93	32.6	0.00781
			1.96	1.77	1.02	0.55	0.18	0.84	3.552	6
2:	57.52		0	3.19	0.00	11.9		5	377.0	24
	2.79		7.42	6.17	5.33	4.63	3.98	3.38	33.9	0.01563
			2.33	1.85	1.57	1.27	1.02	0.76	2.124	13
3:	76.13		3	4.03	0.01	6.4		5	377.0	32
	3.57		9.45	7.99	6.94	5.98	5.11	4.28	59.5	0.00195
			2.91	2.37	1.89	1.51	1.17	0.89	1.930	13
4:	49.03		-9	5.44	0.04	6.0		5	754.0	41
	4.78		12.69	10.79	9.36	8.06	6.90	5.80	71.3	0.00391
			3.93	3.17	2.53	2.04	1.65	1.31	0.892	13
5:	31.67		-4	7.03	0.05	13.3		5	1256.7	44
	6.36		16.58	14.21	12.34	10.39	8.97	7.45	133.9	0.00049
			5.11	4.15	3.27	2.58	1.94	1.45	3.804	13
6:	42.26		9	9.44	0.13	11.6		5	1099.6	51
	8.24		21.30	18.34	15.99	14.02	11.93	10.06	121.5	0.00391
			6.86	5.47	4.45	3.54	2.79	2.15	1.725	13
7:	18.88		3	12.27	0.16	3.6		5	1979.3	41
	10.76		27.77	24.07	21.03	18.13	15.53	13.07	175.4	0.00195
			8.79	7.02	5.44	4.43	3.52	2.73	2.178	13
8:	11.38		2	13.98	0.15	2.8		5	3110.5	39
	12.33		31.22	27.11	23.67	20.37	17.48	14.76	222.2	0.00098
			10.09	7.76	5.71	4.75	3.82	3.11	4.087	13

*	360N	340N ON	335N 360N	330N 10529N	320N 909	310N 4	300N 14:17:49	280N	260N	240N
1:	44.26		-1	6.22	0.33	10.9		5	628.3	31
	4.63		9.84	9.06	8.23	7.05	6.18	5.87		
			1.45	2.00	2.42	1.56	0.66	-1.09		98
2:	29.97		2	4.09	0.07	12.4		5	942.5	31
	3.69		9.98	8.43	7.33	6.33	5.32	4.39	50.2	0.00781
			3.16	2.51	2.00	1.64	1.29	1.08	1.925	13
3:	44.67		3	5.29	0.08	6.0		5	754.0	37
	4.66		12.37	10.52	9.13	7.85	6.72	5.64	69.3	0.00391
			3.79	3.08	2.46	1.97	1.58	1.28	0.969	13
4:	31.78		-9	6.82	0.11	4.9		5	1256.7	44
	6.01		15.70	13.42	11.72	10.14	8.66	7.24	99.8	0.00195
			4.90	3.98	3.20	2.52	1.98	1.53	1.695	13
5:	21.83		-4	8.16	0.15	11.8		5	1885.0	45
	7.08		19.13	16.41	14.27	12.24	10.45	8.73	134.9	0.00098
			5.72	4.66	3.67	2.99	2.24	1.88	2.026	13
6:	30.86		9	10.32	0.31	10.8		5	1508.0	51
	9.13		23.53	20.28	17.67	15.23	13.06	10.98	119.0	0.00781
			7.44	5.99	4.85	3.88	3.10	2.46	0.904	13
7:	14.56		4	13.32	0.50	3.3		5	2513.5	40
	11.67		29.87	25.91	22.65	19.58	16.80	14.19	189.3	0.00195
			9.36	7.61	6.05	4.71	3.77	3.01	2.147	13

D21_RAW.txt

8:	9.09	2	15.35	0.94	2.7		5	3770.3	38
		32.97	28.59	25.10	21.89	18.96	16.32	169.0	0.00781
	13.35	10.46	8.63	6.91	5.48	4.31	3.24	2.462	11

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	370N	360N ON	355N 370N	350N 10549N	340N 909	330N 4	320N 14:20:58	300N	280N	260N
1:	83.46	-7	2.86	0.14	11.0		5	188.5	17	
		6.56	5.45	4.59	4.37	4.62	2.98	23.7	0.50000	
	2.67	1.77	2.35	1.89	0.67	0.98	0.53	14.403	11	
2:	52.63	-1	3.08	0.00	15.4		5	377.0	22	
		7.42	6.23	5.40	4.56	3.91	3.30	65.8	0.00024	
	2.69	2.25	1.73	1.33	1.12	0.72	0.55	8.424	13	
3:	68.50	2	3.96	0.02	8.6		5	377.0	28	
		9.39	7.93	6.87	5.91	5.04	4.22	66.3	0.00098	
	3.49	2.85	2.30	1.82	1.43	1.12	0.88	1.695	13	
4:	43.51	-0	5.07	0.14	5.4		5	754.0	36	
		12.00	10.21	8.83	7.56	6.45	5.37	75.4	0.00195	
	4.51	3.68	2.95	2.42	1.94	1.50	1.15	1.378	13	
5:	29.15	-1	6.54	0.05	4.0		5	1256.7	40	
		15.23	13.04	11.31	9.73	8.36	6.98	95.9	0.00195	
	5.72	4.72	3.84	3.04	2.44	1.88	1.45	1.897	13	
6:	37.96	-14	8.62	0.23	12.1		5	1099.6	46	
		20.03	17.22	15.00	12.93	11.04	9.20	184.5	0.00024	
	7.54	6.12	4.96	3.84	3.00	2.27	1.68	4.698	13	
7:	23.11	17	11.33	0.06	11.6		5	1979.3	50	
		25.48	22.12	19.30	16.72	14.30	12.06	209.0	0.00049	
	9.83	8.01	6.52	5.27	4.01	3.07	2.24	4.527	13	
8:	11.48	3	13.97	0.10	3.1		5	3110.5	39	
		31.16	26.89	23.28	20.43	17.48	14.74	254.8	0.00049	
	12.13	10.10	8.11	6.64	4.89	3.72	2.66	5.920	13	

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	380N	360N ON	355N 380N	350N 10549N	340N 909	330N 4	320N 14:23:39	300N	280N	260N
1:	37.86	-9	5.69	0.26	12.4		5	628.3	26	
		12.46	11.01	8.51	5.46	2.26	3.68	92.4	0.00024	
	4.35	0.66	3.36	1.99	0.77	1.30	0.97	40.501	9	
2:	27.90	1	4.01	0.00	15.2		5	942.5	29	
		9.72	8.11	7.10	6.23	5.62	4.40	61.2	0.00195	
	3.63	3.18	2.28	1.80	1.54	1.26	0.92	4.371	13	
3:	41.03	1	5.13	0.11	8.0		5	754.0	34	
		12.12	10.30	8.94	7.68	6.54	5.46	76.0	0.00195	
	4.52	3.70	3.00	2.45	1.93	1.48	1.16	1.526	13	
4:	28.74	-1	6.38	0.15	4.7		5	1256.7	40	
		14.64	12.53	10.92	9.39	8.03	6.80	136.6	0.00024	
	5.57	4.52	3.56	2.80	2.23	1.70	1.32	3.291	13	
5:	20.46	-1	7.75	0.25	3.4		5	1885.0	42	
		17.77	15.26	13.29	11.52	9.84	8.26	112.3	0.00195	
	6.80	5.48	4.47	3.56	2.85	2.19	1.72	1.958	13	
6:	28.09	-14	9.74	0.38	10.6		5	1508.0	47	
		22.60	19.48	16.92	14.54	12.36	10.36	209.6	0.00024	
	8.58	6.89	5.62	4.40	3.37	2.62	2.05	3.102	13	

D21_RAW.txt

7:	17.96	17	12.28	0.24	10.3		5	2513.5	50
		27.59	23.86	20.83	17.96	15.24	12.98	174.5	0.00195
	10.82	8.57	7.14	5.67	4.30	3.48	2.72	2.389	13

8:	9.23	2	14.67	0.99	2.8		5	3770.3	38
		33.25	28.90	24.77	21.15	17.65	15.37	206.6	0.00195
	13.00	9.76	8.39	6.52	4.65	3.78	2.95	2.391	10

*
 390N 380N 375N 370N 360N 350N 340N 320N 300N 280N
 ON 390N 10569N 909 4 14:26:40|

1:	55.94	-9	3.22	0.17	14.2		5	188.5	12
		7.07	5.87	5.04	4.36	3.79	3.50	57.8	0.00024
	2.10	0.89	1.49	0.54	0.62	0.61	0.78	30.374	9

2:	35.56	4	3.31	0.18	15.5		5	377.0	15
		7.97	6.65	5.77	4.98	4.28	3.52	49.4	0.00195
	2.90	2.41	1.88	1.52	1.27	0.81	0.68	1.574	11

3:	50.34	6	4.11	0.01	7.7		5	377.0	21
		9.62	8.15	7.09	6.08	5.20	4.37	40.7	0.03125
	3.64	2.99	2.49	2.03	1.65	1.36	1.12	2.456	13

4:	29.25	-9	5.20	0.05	4.9		5	754.0	24
		12.04	10.23	8.86	7.58	6.47	5.50	50.6	0.03125
	4.64	3.80	3.10	2.46	2.00	1.62	1.45	3.532	13

5:	20.36	-2	6.37	0.04	4.8		5	1256.7	28
		14.91	12.74	11.12	9.53	8.12	6.78	62.9	0.03125
	5.64	4.68	3.94	3.20	2.61	2.04	1.66	1.639	13

6:	26.44	2	8.20	0.06	4.1		5	1099.6	32
		18.85	16.21	14.07	12.04	10.37	8.73	87.1	0.01563
	7.19	5.91	4.84	3.90	3.14	2.62	2.21	2.793	13

7:	16.10	-6	11.01	0.29	3.9		5	1979.3	35
		24.96	21.62	18.80	16.11	13.87	11.70	92.7	0.12500
	9.66	8.05	6.74	5.52	4.51	3.85	3.19	3.602	13

8:	10.71	10	13.02	0.19	3.5		5	3110.5	37
		29.54	25.52	21.96	18.66	16.55	13.86	115.7	0.06250
	11.34	9.57	8.04	6.48	5.05	4.38	3.66	3.204	13

*
 400N 380N 375N 370N 360N 350N 340N 320N 300N 280N
 ON 400N 10569N 690 4 14:29:24|

1:	25.89	-10	4.17	0.00	13.3		6	628.3	24
		8.96	7.41	6.21	5.24	5.68	4.62	75.6	0.00049
	3.97	3.19	1.58	2.55	2.64	1.50	0.31	46.976	13

2:	19.29	5	4.27	0.14	15.4		6	942.5	26
		10.28	8.70	7.56	6.64	5.50	4.58	73.0	0.00098
	3.78	3.12	2.68	2.01	1.52	1.28	0.96	2.983	13

3:	30.60	5	5.21	0.13	7.4		6	754.0	33
		12.12	10.31	8.99	7.73	6.64	5.56	51.5	0.03125
	4.60	3.76	3.04	2.54	2.11	1.75	1.44	3.261	13

4:	19.49	-8	6.61	0.18	4.3		6	1256.7	35
		14.87	12.78	11.17	9.61	8.27	7.03	69.2	0.01563
	5.85	4.82	3.91	3.07	2.55	2.04	1.58	1.294	13

5:	14.39	-2	7.55	0.31	4.3		6	1885.0	39
		17.44	14.94	13.09	11.25	9.66	8.06	88.5	0.00781
	6.69	5.42	4.57	3.57	2.80	2.32	1.85	1.402	13

D21_RAW.txt

6:	19.70	2	9.50	0.39	3.7		6	1508.0	43
		21.38	18.46	16.19	13.93	12.12	10.17	99.7	0.01563
	8.37	6.83	5.60	4.55	3.62	2.98	2.39	1.191	13
7:	12.58	-6	12.20	0.77	3.5		6	2513.5	46
		27.19	23.48	20.62	17.90	15.60	13.06	126.3	0.01563
	10.74	8.73	7.11	5.76	4.67	3.83	3.09	1.302	11
8:	8.64	10	14.60	1.12	3.1		6	3770.3	47
		31.55	27.58	24.28	20.99	18.61	15.66	137.3	0.03125
	12.93	10.56	8.63	7.14	5.81	5.03	4.22	1.315	11

*

	410N	400N ON	395N 410N	390N 10589N	380N 690	370N 4	360N 14:35:09	340N	320N	300N
1:	58.54	-2	2.68	0.24	11.3		5	188.5	16	
		6.89	5.48	5.11	4.97	3.86	2.61	63.7	0.00024	
	2.83	1.95	1.56	1.27	1.09	0.50	1.02	8.960	10	
2:	35.32	6	3.53	0.05	15.8		5	377.0	19	
		8.16	6.86	5.97	5.05	4.37	3.74	41.5	0.00781	
	3.12	2.66	2.26	1.72	1.29	1.12	0.79	3.949	13	
3:	44.82	7	4.14	0.13	11.4		5	377.0	24	
		9.90	8.39	7.29	6.27	5.37	4.41	70.0	0.00098	
	3.69	2.98	2.35	1.93	1.58	1.18	0.94	1.762	13	
4:	27.05	-4	5.28	0.10	5.8		5	754.0	30	
		12.27	10.43	9.10	7.85	6.72	5.63	113.6	0.00024	
	4.63	3.77	2.99	2.36	1.87	1.38	1.05	4.333	13	
5:	20.21	1	6.28	0.10	5.5		5	1256.7	37	
		14.67	12.52	10.92	9.31	8.01	6.69	134.5	0.00024	
	5.54	4.49	3.62	2.89	2.23	1.60	1.14	6.689	13	
6:	24.19	-6	7.94	0.19	4.9		5	1099.6	39	
		18.27	15.73	13.77	11.85	10.22	8.45	168.9	0.00024	
	7.02	5.70	4.51	3.58	2.73	2.03	1.46	6.380	13	
7:	15.01	6	9.98	0.56	4.7		5	1979.3	43	
		23.15	20.06	17.58	15.08	12.99	10.62	188.2	0.00049	
	8.82	7.18	5.60	4.45	3.37	2.41	1.63	3.276	11	
8:	9.97	-8	12.37	0.63	3.7		5	3110.5	45	
		28.54	24.75	21.67	18.55	16.29	13.17	231.7	0.00049	
	10.97	8.91	6.84	5.51	4.18	2.79	1.76	3.584	11	

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	420N	400N ON	395N 420N	390N 10589N	380N 690	370N 4	360N 14:37:55	340N	320N	300N
1:	25.76	-1	5.39	0.64	10.7		5	628.3	23	
		8.91	8.06	7.50	5.98	4.22	5.89	70.4	2048.00000	
	3.47	2.33	3.54	3.46	1.96	0.76	0.66	17.496	9	
2:	18.62	5	3.94	0.01	16.2		5	942.5	25	
		10.18	8.47	7.13	6.15	5.20	4.25	34.4	0.25000	
	3.69	2.98	2.10	1.93	1.75	1.75	1.52	14.022	13	
3:	26.68	7	5.34	0.00	11.7		5	754.0	29	
		12.62	10.78	9.37	7.99	6.80	5.69	110.1	0.00024	
	4.66	3.74	3.02	2.41	1.85	1.21	0.68	16.815	13	
4:	17.80	-4	6.30	0.00	5.4		5	1256.7	32	
		14.68	12.52	10.94	9.42	8.07	6.74	131.3	0.00024	
	5.48	4.40	3.60	2.79	2.07	1.47	1.02	10.290	13	

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5:	14.13	1	7.21	0.17	5.3		5	1885.0	39
	6.33	5.11	4.05	3.06	2.51	1.97	1.50	3.288	13
		16.98	14.53	12.61	10.89	9.22	7.72	155.6	0.00024
6:	17.86	-6	8.69	0.00	4.7		5	1508.0	39
	7.52	6.05	4.81	3.75	2.78	2.05	1.44	9.802	13
		20.38	17.55	15.40	13.16	11.20	9.33	180.5	0.00024
7:	11.65	6	10.48	0.03	4.0		5	2513.5	42
	9.05	7.19	5.77	4.40	3.22	2.40	1.70	10.869	13
		24.69	21.31	18.62	15.94	13.47	11.26	215.0	0.00024
8:	7.98	-9	12.27	0.55	3.1		5	3770.3	44
	10.35	8.24	6.62	5.02	3.41	2.23	1.49	8.250	11
		29.23	24.97	21.77	18.82	15.68	13.29	256.5	0.00024

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	430N	420N ON	415N 430N	410N 10609N	400N 690	390N 4	380N 14:41:27	360N	340N	320N
1:	56.25	-11	2.69	0.87	14.5		5	188.5	15	
	2.41	7.50	5.09	4.85	4.52	3.61	3.14			
		2.27	1.54	1.34	0.44	1.15	0.37		99	
2:	32.95	5	3.26	1.44	22.4		5	377.0	18	
	3.18	6.89	5.78	5.04	4.30	3.84	3.38			
		2.86	2.71	2.33	2.09	1.66	1.14		99	
3:	42.83	11	4.07	1.33	19.4		5	377.0	23	
	3.49	10.03	8.53	7.41	6.37	5.39	4.39			
		2.72	2.01	1.46	1.05	0.91	0.96		99	
4:	26.26	4	5.35	0.06	8.6		5	754.0	29	
	4.72	12.44	10.60	9.20	7.93	6.80	5.70	78.3	0.00195	
		3.83	3.11	2.51	1.97	1.53	1.17	2.164	13	
5:	17.67	-0	6.60	0.15	6.0		5	1256.7	32	
	5.81	15.19	13.04	11.35	9.78	8.37	7.05	77.5	0.00781	
		4.73	3.89	3.20	2.52	2.03	1.63	0.844	13	
6:	22.83	2	8.27	0.12	6.4		5	1099.6	36	
	7.26	18.81	16.17	14.12	12.23	10.47	8.83	95.8	0.00781	
		5.95	4.86	3.98	3.18	2.50	1.88	1.696	13	
7:	13.66	-7	10.32	0.12	9.0		5	1979.3	39	
	9.03	23.36	20.20	17.59	15.19	13.06	11.03	107.8	0.01563	
		7.33	6.02	4.99	3.93	3.13	2.62	1.577	13	
8:	9.28	9	12.58	0.46	8.3		5	3110.5	42	
	10.97	28.52	24.61	21.30	18.69	15.93	13.39	144.4	0.00781	
		9.15	7.35	5.87	4.78	3.90	2.95	1.311	13	

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	440N	420N ON	415N 440N	410N 10609N	400N 1015	390N 4	380N 14:44:26	360N	340N	320N
1:	38.92	-11	4.23	0.90	11.9		5	628.3	24	
	3.54	9.06	8.37	6.68	5.03	4.81	5.14			
		2.48	3.34	1.09	0.89	-1.26	-0.28		98	
2:	27.02	8	6.76	0.00	20.5		5	942.5	25	
	6.12	12.44	11.07	9.89	8.88	8.27	7.11	96.7	0.00024	
		5.06	4.49	4.17	2.61	0.83	0.02	241.151	13	
3:	38.89	8	3.20	0.00	17.6		5	754.0	29	
	2.75	9.83	8.08	6.77	5.55	4.45	3.46	75.5	0.00024	
		2.05	1.16	0.64	0.80	1.75	1.98	55.724	13	

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4:	26.34	5	6.42	0.07	6.9		5	1256.7	33
		14.88	12.75	11.16	9.63	8.16	6.84	107.0	0.00098
	5.67	4.63	3.74	3.02	2.36	1.82	1.41	2.250	13
5:	18.78	0	7.52	0.14	5.2		5	1885.0	35
		17.55	15.00	13.05	11.19	9.59	8.00	142.2	0.00049
	6.63	5.38	4.32	3.41	2.72	2.09	1.62	2.339	13
6:	25.60	2	9.08	0.12	5.5		5	1508.0	38
		20.99	18.11	15.88	13.64	11.65	9.69	195.9	0.00024
	7.99	6.50	5.22	4.12	3.23	2.42	1.86	3.824	13
7:	16.00	-7	10.73	0.13	7.7		5	2513.5	40
		25.02	21.56	18.84	16.15	13.75	11.44	231.6	0.00024
	9.47	7.65	6.04	4.71	3.78	2.89	2.37	2.675	13
8:	11.21	9	12.84	1.18	7.0		5	3770.3	42
		29.41	25.59	22.60	19.40	16.35	13.80	165.7	0.00391
	11.21	8.97	7.43	5.70	4.44	3.08	2.23	1.610	9

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	450N	440N ON	435N 450N	430N 10629N	420N 1015	410N 4	400N 14:48:01	380N	360N	340N
1:	76.01	-2	2.49	0.09	18.0		5	188.5	14	
		6.41	5.04	4.21	3.61	2.71	2.72	22.5	0.06250	
	1.81	1.42	1.35	1.73	1.13	0.78	0.69	16.662	13	
2:	46.97	-23	2.79	0.04	12.3		5	377.0	17	
		6.49	5.49	4.84	4.15	3.56	2.94	26.0	0.06250	
	2.52	2.16	1.71	1.34	1.13	0.96	0.84	4.661	13	
3:	61.99	1	3.81	0.00	12.9		5	377.0	23	
		8.72	7.41	6.47	5.59	4.82	4.04	44.9	0.00781	
	3.38	2.79	2.27	1.83	1.47	1.21	0.89	1.631	13	
4:	39.11	-3	4.83	0.00	6.3		5	754.0	29	
		11.32	9.66	8.41	7.23	6.16	5.15	71.2	0.00195	
	4.26	3.44	2.79	2.23	1.78	1.40	1.11	1.089	13	
5:	25.86	2	6.23	0.00	7.6		5	1256.7	32	
		14.62	12.57	10.89	9.35	8.01	6.64	104.3	0.00098	
	5.52	4.50	3.64	2.88	2.27	1.77	1.39	1.826	13	
6:	32.35	10	8.08	0.00	6.5		5	1099.6	35	
		18.79	16.20	14.09	12.08	10.29	8.63	174.7	0.00024	
	7.06	5.73	4.61	3.66	2.87	2.21	1.67	3.076	13	
7:	19.65	6	10.07	0.00	4.9		5	1979.3	38	
		23.16	20.02	17.47	14.93	12.76	10.71	215.9	0.00024	
	8.88	7.23	5.88	4.71	3.51	2.66	1.99	4.879	13	
8:	12.80	-5	12.12	0.18	8.0		5	3110.5	39	
		28.21	24.35	21.25	18.17	15.49	12.96	258.8	0.00024	
	10.49	8.48	6.87	5.58	4.25	3.19	2.46	3.768	13	

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	460N	440N ON	435N 460N	430N 10629N	420N 802	410N 4	400N 14:51:16	380N	360N	340N
1:	27.19	1	4.02	0.48	10.7		5	628.3	21	
		9.27	6.77	4.84	4.26	3.52	3.63	31.1	0.06250	
	4.21	1.17	1.92	1.30	1.06	1.61	1.64	20.447	7	
2:	20.03	-19	3.74	0.07	12.5		5	942.5	24	
		8.88	7.56	6.72	5.65	4.88	4.00	75.7	0.00024	
	3.27	2.64	2.17	1.60	1.29	0.74	0.39	24.216	13	

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3:	29.73	1	4.77	0.15	12.9		5	754.0	28
		11.18	9.50	8.28	7.09	6.06	5.08	43.7	0.06250
	4.20	3.41	2.77	2.29	1.97	1.66	1.37	4.662	13
4:	20.70	-3	5.99	0.03	5.8		5	1256.7	32
		14.06	12.02	10.48	9.06	7.66	6.38	99.8	0.00098
	5.30	4.27	3.44	2.74	2.07	1.74	1.35	2.263	13
5:	14.57	2	7.43	0.00	6.7		5	1885.0	34
		17.37	14.81	12.89	11.00	9.49	7.92	97.0	0.00391
	6.55	5.43	4.32	3.51	2.83	2.19	1.70	1.327	13
6:	19.27	10	9.09	0.00	5.7		5	1508.0	36
		21.15	18.19	15.95	13.78	11.55	9.63	150.9	0.00098
	8.01	6.40	5.41	4.21	3.26	2.56	2.08	2.034	13
7:	12.28	7	10.86	0.03	4.6		5	2513.5	38
		25.22	21.72	19.03	16.44	13.85	11.54	115.7	0.01563
	9.59	7.77	6.53	5.27	4.24	3.51	2.85	2.064	13
8:	8.24	-6	12.53	0.00	6.2		5	3770.3	39
		28.95	25.25	22.21	19.00	15.61	13.02	233.7	0.00049
	11.15	8.45	7.39	5.80	4.06	3.47	2.89	4.116	13

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	470N	460N ON	455N 470N	450N 10649N	440N 602	430N 4	420N 14:54:33	400N	380N	360N
1:	42.76		2	2.28	0.18	6.8		5	188.5	13
		5.87	5.08	4.39	3.76	2.92	2.12	24.4	0.03125	
	2.28	1.97	1.39	1.04	1.10	0.92	0.35	11.304	12	
2:	26.19	5	2.63	0.00	27.4		5	377.0	16	
		6.51	5.44	4.76	4.06	3.45	2.86	52.9	0.00024	
	2.27	1.75	1.39	1.01	0.78	0.53	0.33	19.449	13	
3:	34.92	4	3.66	0.18	29.3		5	377.0	22	
		8.75	7.36	6.37	5.50	4.69	3.91	61.8	0.00098	
	3.25	2.63	2.11	1.70	1.38	1.03	0.82	1.734	12	
4:	21.66	-21	5.28	0.05	8.6		5	754.0	27	
		11.81	10.12	8.84	7.69	6.60	5.60	50.8	0.03125	
	4.68	3.87	3.16	2.55	2.09	1.63	1.30	0.955	13	
5:	15.02	-3	6.13	0.06	6.4		5	1256.7	31	
		14.18	12.12	10.54	9.10	7.74	6.50	71.8	0.00781	
	5.39	4.45	3.64	2.96	2.38	1.86	1.41	1.491	13	
6:	19.20	4	7.23	0.11	10.7		5	1099.6	35	
		17.75	15.22	13.18	11.23	9.48	7.79	154.9	0.00024	
	6.28	5.08	3.96	3.02	2.40	1.81	1.39	6.622	13	
7:	11.22	13	10.21	0.00	9.1		5	1979.3	37	
		23.66	20.45	17.75	15.31	12.98	10.85	215.3	0.00024	
	9.02	7.26	5.71	4.55	3.51	2.52	1.89	6.468	13	
8:	7.44	5	10.88	0.00	3.8		5	3110.5	38	
		27.23	23.49	20.33	17.34	14.56	11.69	223.1	0.00024	
	9.36	7.43	5.59	4.26	3.19	2.36	1.76	13.880	13	

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	480N	460N ON	455N 480N	450N 10649N	440N 853	430N 4	420N 14:57:26	400N	380N	360N
1:	28.27		2	3.16	0.97	6.4		5	628.3	21
		9.55	7.94	6.02	5.11	3.74	3.56			
	2.11	2.12	1.15	1.93	1.92	0.49	0.46			99

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2:	20.57	2	4.19	0.06	21.0		5	942.5	23
		9.54	8.13	7.18	6.21	5.33	4.44	38.2	0.06250
	3.70	3.06	2.64	1.98	1.66	1.42	1.19	3.722	13
3:	30.94	5	5.09	0.11	21.5		5	754.0	27
		11.69	10.00	8.74	7.54	6.46	5.42	66.2	0.00391
	4.49	3.64	3.01	2.41	1.89	1.50	1.13	1.973	13
4:	21.09	-18	6.34	0.03	7.2		5	1256.7	31
		14.45	12.41	10.84	9.38	8.05	6.74	74.1	0.00781
	5.63	4.64	3.81	3.09	2.44	1.92	1.43	2.227	13
5:	15.48	-2	7.56	0.14	6.2		5	1885.0	34
		17.10	14.70	12.84	11.05	9.53	8.04	109.5	0.00195
	6.68	5.47	4.47	3.61	2.77	2.18	1.59	3.539	13
6:	20.83	3	9.61	0.03	8.8		5	1508.0	37
		21.48	18.61	16.27	14.07	12.07	10.21	100.6	0.01563
	8.54	7.06	5.79	4.69	3.74	2.99	2.26	1.384	13
7:	12.74	14	11.46	0.34	7.3		5	2513.5	38
		26.09	22.66	19.77	16.93	14.47	12.22	132.5	0.00781
	10.14	8.30	6.67	5.53	4.42	3.45	2.71	0.986	13
8:	8.70	4	13.59	0.00	3.4		5	3770.3	38
		30.70	26.78	23.32	19.98	16.98	14.50	121.7	0.06250
	11.84	10.15	8.31	7.13	5.74	4.62	3.58	2.277	13

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	490N	480N ON	475N 490N	470N 10669N	460N 639	450N 4	440N 15:00:37	420N	400N	380N
1:	48.90	-3	1.14	1.54	10.0		5	188.5	14	
		5.31	4.05	3.51	3.11	2.71	1.17			
	1.91	1.27	-0.42	-0.78	1.06	0.24	1.28		99	
2:	29.50	6	2.82	0.09	35.6		5	377.0	17	
		6.50	5.43	4.73	4.04	3.51	2.97	58.9	0.00024	
	2.47	1.89	1.65	1.25	0.85	0.62	0.19	8.548	12	
3:	37.51	5	3.73	0.06	33.9		5	377.0	22	
		8.75	7.35	6.35	5.46	4.71	3.97	39.9	0.01563	
	3.29	2.65	2.20	1.81	1.45	1.20	0.92	1.707	13	
4:	22.63	3	4.70	0.05	19.0		5	754.0	27	
		11.26	9.62	8.35	7.21	6.11	5.03	99.4	0.00024	
	4.09	3.26	2.59	2.12	1.68	1.22	0.67	13.239	13	
5:	15.84	-4	6.42	0.03	23.3		5	1256.7	31	
		14.69	12.61	10.93	9.46	8.14	6.84	83.4	0.00391	
	5.62	4.50	3.79	3.11	2.49	1.94	1.39	3.001	13	
6:	20.06	-11	7.48	0.43	11.2		5	1099.6	35	
		17.71	15.30	13.33	11.50	9.75	8.04	126.0	0.00098	
	6.55	5.27	4.13	3.41	2.77	2.31	1.65	2.472	12	
7:	12.13	8	9.81	0.26	10.8		5	1979.3	38	
		22.92	19.78	17.25	14.98	12.70	10.47	194.6	0.00024	
	8.46	6.60	4.69	2.08	1.18	0.59	0.48	25.575	10	
8:	7.68	9	9.81	2.61	9.7		5	3110.5	37	
		25.67	22.57	19.68	16.80	13.52	10.79	161.3	0.00195	
	8.70	7.55	5.98	6.27	5.68	4.30	3.07	2.176	5	

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	500N	480N ON	475N 500N	470N 10669N	460N 639	450N 4	440N 15:03:24	420N	400N	380N
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1:	22.87	-3	3.39	3.11	9.0		6	628.3	22
		10.45	7.31	3.24	2.52	4.09	4.05		
	3.15	0.36	2.73	1.19	3.81	3.43	2.18		99
2:	16.35	5	4.00	0.12	27.3		6	942.5	24
		9.24	7.84	7.07	6.04	5.19	4.27	59.3	0.00195
	3.55	2.95	2.45	1.90	1.34	1.11	0.97	4.566	13
3:	23.47	6	5.32	0.47	25.3		6	754.0	28
		11.97	10.29	9.06	7.82	6.74	5.66	56.6	0.01563
	4.71	3.90	3.21	2.59	2.06	1.60	1.23	0.641	10
4:	15.61	1	6.41	0.73	12.1		6	1256.7	31
		14.62	12.62	11.02	9.55	8.16	6.85	75.2	0.00781
	5.62	4.62	3.66	2.93	2.25	1.74	1.30	0.773	8
5:	11.56	-3	7.81	1.08	14.6		6	1885.0	34
		17.59	15.20	13.34	11.52	9.83	8.30	82.2	0.01563
	6.86	5.62	4.62	3.73	2.99	2.36	1.84	0.550	8
6:	15.36	-11	9.55	1.57	8.5		6	1508.0	36
		21.16	18.37	16.08	14.01	12.07	10.17	91.7	0.03125
	8.41	6.99	5.60	4.42	3.32	2.43	1.86	0.491	7
7:	9.70	9	11.95	2.85	8.2		6	2513.5	38
		26.44	22.90	20.11	17.48	15.04	12.71	113.9	0.03125
	10.61	8.78	7.07	5.55	4.26	3.20	2.37	0.361	5
8:	6.34	8	13.98	4.82	6.9		6	3770.3	37
		30.49	26.32	22.58	19.94	17.22	14.97		
	12.33	10.40	8.00	6.84	5.27	4.56	3.50		99

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	510N	500N ON	495N 510N	490N 10689N	480N 639	470N 4	460N 15:06:39	440N	420N	400N
1:	46.62		0	1.52	0.52	8.1		5	188.5	14
			4.63	3.54	2.23	3.31	2.67	1.91		
	1.46		1.62	1.72	1.33	1.30	0.98	0.49		99
2:	29.55		-3	2.91	0.05	14.9		5	377.0	17
			6.82	5.66	5.01	4.20	3.70	3.07	37.8	0.00391
	2.52		2.08	1.66	1.30	0.97	0.87	0.73	4.173	13
3:	39.20		-2	3.68	0.02	12.4		5	377.0	23
			8.83	7.41	6.45	5.52	4.72	3.92	80.4	0.00024
	3.22		2.59	2.09	1.66	1.29	0.98	0.78	2.735	13
4:	24.17		0	5.03	0.00	17.3		5	754.0	29
			11.60	9.89	8.65	7.49	6.43	5.37	54.0	0.01563
	4.43		3.63	2.95	2.39	2.19	1.53	1.28	3.357	13
5:	15.99		3	5.68	0.10	19.1		5	1256.7	31
			13.96	11.82	10.31	8.74	7.38	6.06	112.1	0.00024
	4.95		3.93	3.03	2.28	1.18	1.15	0.80	21.755	13
6:	19.97		4	7.44	0.10	8.2		5	1099.6	34
			17.79	15.20	13.28	11.37	9.66	7.97	159.3	0.00024
	6.49		5.19	4.07	3.19	2.48	1.87	1.54	4.779	13
7:	11.97		-9	9.11	0.69	10.7		5	1979.3	37
			22.12	18.87	16.48	14.03	11.91	9.78	198.0	0.00024
	7.91		6.24	4.84	3.78	2.85	2.09	1.60	4.052	10
8:	7.82		6	10.47	0.10	12.2		5	3110.5	38
			26.16	22.25	19.54	16.66	13.91	11.33	205.3	0.00049
	9.17		7.36	5.67	4.67	4.15	3.07	2.71	4.573	13

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520N	500N ON	495N 520N	490N 10689N	480N 639	470N 4	460N 15:09:29	440N	420N	400N
1:	20.84	1	3.11	0.11	7.4		5	628.3	20
	2.37	8.26	6.82	5.25	5.54	4.77	3.19	66.0	0.00024
		2.94	0.99	0.57	1.74	0.90	0.61	40.897	13
2:	15.95	-4	4.12	0.22	14.6		5	942.5	24
	3.63	9.73	8.23	7.14	6.11	5.18	4.37	68.9	0.00098
		2.89	2.44	1.92	1.43	1.04	0.80	2.293	11
3:	23.98	-2	5.10	0.28	12.2		5	754.0	28
	4.48	12.03	10.24	8.92	7.70	6.57	5.44	97.3	0.00049
		3.62	2.89	2.29	1.78	1.37	1.09	2.151	11
4:	16.35	0	6.17	0.33	10.8		5	1256.7	32
	5.43	14.46	12.44	10.86	9.35	7.97	6.59	134.4	0.00024
		4.39	3.45	2.69	2.06	1.53	1.14	3.385	11
5:	11.49	4	7.26	0.48	12.4		5	1885.0	34
	6.38	17.24	14.77	12.87	11.07	9.40	7.76	159.0	0.00024
		5.16	4.12	3.23	2.46	1.87	1.40	2.764	11
6:	15.14	2	9.06	0.83	7.1		5	1508.0	36
	7.98	20.95	18.12	15.79	13.66	11.69	9.67	132.6	0.00195
		6.43	5.07	3.88	3.01	2.24	1.71	1.839	9
7:	9.49	-7	10.80	1.23	7.7		5	2513.5	37
	9.47	24.95	21.58	18.86	16.30	13.94	11.52	140.6	0.00391
		7.66	5.98	4.61	3.50	2.68	1.90	1.238	8
8:	6.39	5	11.73	2.23	8.5		5	3770.3	38
	10.24	28.31	24.44	21.18	18.41	15.72	12.59	157.9	0.00391
		8.26	6.14	4.57	3.31	2.51	2.09	1.483	6

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530N	520N ON	515N 530N	510N 10709N	500N 639	490N 4	480N 15:12:48	460N	440N	420N
1:	49.61	-2	2.66	0.12	19.3		6	188.5	15
	2.00	5.76	4.96	4.34	3.53	2.93	2.92	24.4	0.03125
		1.67	1.28	1.32	1.17	0.81	0.58	9.496	12
2:	28.97	-3	2.83	0.16	29.3		6	377.0	17
	2.52	6.63	5.59	4.85	4.23	3.65	3.01	37.3	0.00391
		2.07	1.65	1.32	1.03	0.77	0.59	1.760	11
3:	37.38	0	3.95	0.24	24.7		6	377.0	22
	3.48	9.33	7.89	6.85	5.90	5.05	4.21	58.4	0.00195
		2.84	2.29	1.82	1.43	1.10	0.84	1.343	11
4:	22.99	-3	5.18	0.33	10.2		6	754.0	27
	4.55	12.00	10.28	8.98	7.75	6.62	5.53	86.1	0.00098
		3.71	2.98	2.35	1.80	1.35	1.02	2.449	11
5:	16.61	-6	6.54	0.38	8.9		6	1256.7	33
	5.76	15.09	12.99	11.32	9.77	8.38	6.98	85.2	0.00391
		4.69	3.79	3.06	2.38	1.85	1.47	1.469	11
6:	20.70	10	8.12	0.89	7.8		6	1099.6	36
	7.14	18.57	16.09	14.06	12.13	10.39	8.67	105.7	0.00391
		5.80	4.67	3.71	2.79	2.08	1.54	1.250	9
7:	11.94	4	10.18	0.86	8.5		6	1979.3	37
	8.96	23.32	20.22	17.69	15.26	13.05	10.87	131.7	0.00391
		7.27	5.85	4.65	3.49	2.69	2.13	1.550	10

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8:	7.74	-10	12.16	1.99	6.6		6	3110.5	38
		27.64	24.04	20.99	18.02	15.45	13.02	127.9	0.01563
	10.67	8.71	7.05	5.53	3.89	2.84	2.15	0.604	7

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	540N	520N ON	515N 540N	510N 10709N	500N 639	490N 4	480N 15:18:01	460N	440N	420N
1:	22.97	-0	3.86	0.06	12.8		5	628.3	23	
		8.57	7.24	6.36	5.82	4.84	4.46	78.7	0.00024	
	2.90	2.69	1.67	1.58	1.24	1.06	0.70	9.626	13	
2:	16.06	-6	4.04	0.02	22.6		5	942.5	24	
		9.59	8.13	7.01	6.09	5.16	4.28	87.9	0.00024	
	3.52	2.87	2.30	1.78	1.42	1.04	0.89	3.184	13	
3:	23.39	3	5.39	0.11	19.2		5	754.0	28	
		12.57	10.75	9.33	8.03	6.84	5.74	63.8	0.00781	
	4.74	3.88	3.20	2.58	2.08	1.65	1.37	1.235	13	
4:	15.85	-4	6.27	0.05	7.1		5	1256.7	31	
		14.87	12.77	11.10	9.63	8.13	6.69	130.8	0.00024	
	5.47	4.33	3.41	2.61	1.99	1.47	1.07	9.394	13	
5:	12.13	-5	7.67	0.16	6.4		5	1885.0	36	
		17.86	15.38	13.38	11.62	9.87	8.18	164.4	0.00024	
	6.69	5.35	4.30	3.40	2.64	2.01	1.55	3.919	13	
6:	15.89	9	9.15	0.33	5.6		5	1508.0	38	
		21.05	18.24	15.91	13.79	11.75	9.75	195.7	0.00024	
	8.03	6.40	5.12	4.04	3.14	2.44	1.89	3.555	13	
7:	9.57	4	11.04	0.57	5.6		5	2513.5	38	
		25.32	22.03	19.20	16.65	14.18	11.78	236.2	0.00024	
	9.64	7.68	6.13	4.82	3.68	2.83	2.27	3.349	11	
8:	6.38	-10	12.77	1.55	4.9		5	3770.3	38	
		28.70	24.90	21.68	18.85	16.23	13.59	146.0	0.00781	
	11.10	8.91	7.11	5.12	3.80	3.08	2.44	1.416	8	

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	550N	540N ON	535N 550N	530N 10729N	520N 639	510N 4	500N 15:21:11	480N	460N	440N
1:	45.78	-4	2.96	0.33	5.8		5	188.5	14	
		6.05	5.11	4.46	3.75	3.07	3.04	21.3	2.00000	
	2.61	1.76	1.83	2.00	0.26	0.41	0.92	13.008	10	
2:	28.98	4	3.22	0.00	13.5		5	377.0	17	
		7.66	6.43	5.62	4.85	4.19	3.42	61.8	0.00049	
	2.88	2.35	1.89	1.45	1.18	0.92	0.66	3.575	13	
3:	37.38	1	4.18	0.05	13.0		5	377.0	22	
		9.90	8.38	7.30	6.25	5.32	4.45	62.0	0.00195	
	3.67	2.99	2.43	1.93	1.55	1.24	0.97	0.666	13	
4:	24.23	-5	5.52	0.19	6.8		5	754.0	29	
		12.65	10.85	9.47	8.12	6.95	5.87	80.4	0.00195	
	4.86	3.95	3.21	2.53	1.98	1.57	1.27	1.803	13	
5:	16.11	-1	7.02	0.24	6.7		5	1256.7	32	
		16.16	13.87	12.20	10.42	8.87	7.46	102.6	0.00195	
	6.15	5.02	4.10	3.18	2.54	2.06	1.66	1.592	13	
6:	20.71	-5	8.59	0.30	6.0		5	1099.6	36	
		19.76	16.97	14.89	12.76	10.92	9.15	160.3	0.00049	
	7.50	6.06	4.89	3.86	3.00	2.32	1.84	2.829	13	

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7:	12.47	14	10.58	0.55	5.8		5	1979.3	39
		24.45	21.08	18.62	15.81	13.48	11.26	197.4	0.00049
	9.21	7.37	6.02	4.66	3.63	2.92	2.43	2.601	12

8:	7.78	-2	12.67	1.07	5.6		5	3110.5	38
		28.77	24.92	22.02	18.65	15.83	13.43	146.2	0.00781
	11.16	8.99	7.64	6.07	4.62	3.74	3.21	1.098	10

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 560N 540N 535N 530N 520N 510N 500N 480N 460N 440N
 ON 560N 10729N 639 4 15:24:01|

1:	21.72	-4	4.52	0.80	5.6		5	628.3	21
		9.36	8.04	7.27	6.44	5.04	4.58	41.2	0.03125
	3.67	2.91	2.85	1.59	1.69	1.61	0.66	3.075	6

2:	16.32	3	4.75	0.11	13.2		5	942.5	24
		10.81	9.26	8.10	6.99	6.04	5.05	78.0	0.00098
	4.22	3.43	2.71	2.23	1.71	1.29	0.97	4.175	13

3:	23.61	1	5.93	0.18	12.3		5	754.0	28
		13.20	11.39	10.01	8.65	7.44	6.29	57.1	0.03125
	5.27	4.35	3.54	2.89	2.32	1.87	1.45	0.816	13

4:	16.81	-4	7.17	0.30	5.6		5	1256.7	33
		15.96	13.88	12.24	10.64	9.13	7.64	83.2	0.00781
	6.37	5.25	4.30	3.45	2.76	2.07	1.64	2.443	13

5:	11.84	-0	8.40	0.44	5.5		5	1885.0	35
		18.91	16.38	14.36	12.39	10.68	8.96	97.0	0.00781
	7.44	6.08	4.86	3.96	3.20	2.43	1.86	1.746	12

6:	15.99	-7	10.23	0.82	5.2		5	1508.0	38
		22.57	19.73	17.35	15.01	12.92	10.88	106.8	0.01563
	9.07	7.49	6.07	4.85	3.87	2.95	2.33	1.037	10

7:	10.05	15	12.25	1.06	4.8		5	2513.5	40
		26.77	23.47	20.69	17.95	15.49	13.04	116.0	0.03125
	10.88	8.92	7.25	5.83	4.71	3.59	2.86	1.171	10

8:	6.44	-2	14.44	2.19	4.2		5	3770.3	38
		30.81	27.16	23.97	21.01	18.07	15.31	125.8	0.06250
	12.82	10.66	8.76	7.01	5.86	4.38	3.42	0.585	7

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 570N 560N 555N 550N 540N 530N 520N 500N 480N 460N
 ON 570N 10749N 639 4 15:27:21|

1:	50.10	-6	3.22	0.02	7.1		5	188.5	15
		6.98	5.75	5.12	4.29	3.88	3.39	64.3	0.00024
	2.72	2.22	1.79	1.48	0.95	0.67	0.57	10.524	13

2:	30.21	3	3.49	0.09	14.5		5	377.0	18
		8.16	6.94	6.02	5.21	4.48	3.72	75.4	0.00024
	3.07	2.49	1.99	1.58	1.22	0.94	0.66	5.350	13

3:	39.58	2	4.79	0.21	12.6		5	377.0	23
		10.73	9.17	8.02	6.97	6.02	5.09	43.2	0.06250
	4.25	3.53	2.92	2.40	1.94	1.56	1.26	1.050	13

4:	23.89	-1	5.84	0.09	5.8		5	754.0	28
		13.32	11.46	10.05	8.65	7.41	6.22	96.3	0.00098
	5.15	4.20	3.40	2.69	2.12	1.64	1.21	3.381	13

5:	16.30	-1	7.11	0.24	9.5		5	1256.7	32
		16.15	13.90	12.11	10.49	9.00	7.57	103.5	0.00195
	6.26	5.21	4.25	3.38	2.67	2.01	1.50	3.669	13

D21_RAW.txt

6:	21.23	-3	8.88	0.23	8.0		5	1099.6	37
	19.95	17.33	15.22	13.14	11.27	9.47	93.2	0.01563	
	7.80	6.48	5.31	4.27	3.41	2.74	2.12	1.031	13
7:	12.56	-1	11.28	0.43	6.8		5	1979.3	39
	25.05	21.83	19.21	16.59	14.24	12.02	117.8	0.01563	
	9.93	8.24	6.69	5.40	4.44	3.59	2.71	1.208	13
8:	8.18	9	13.32	0.38	6.4		5	3110.5	40
	28.95	25.36	22.65	19.51	16.74	14.14	118.1	0.06250	
	11.76	9.80	8.21	6.96	5.80	4.45	3.28	2.879	13

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	580N	560N ON	555N 580N	550N 10749N	540N 809	530N 4	520N 15:30:19	500N	480N	460N
1:	29.33	-6	4.15	0.00	6.5		5	628.3	23	
	11.01	10.58	9.02	7.35	6.83	5.00	102.8	0.00024		
	4.13	4.31	2.65	1.94	1.26	0.99	1.04	16.454	13	
2:	21.14	2	4.88	0.02	14.0		5	942.5	25	
	11.17	9.49	8.28	7.19	6.14	5.17	104.3	0.00024		
	4.27	3.46	2.82	2.23	1.73	1.26	0.92	5.692	13	
3:	31.32	4	5.87	0.02	11.6		5	754.0	29	
	13.49	11.59	10.14	8.74	7.46	6.25	127.0	0.00024		
	5.17	4.19	3.39	2.65	2.08	1.59	1.20	3.720	13	
4:	20.80	-1	7.30	0.00	4.6		5	1256.7	32	
	16.42	14.26	12.50	10.77	9.25	7.77	119.3	0.00098		
	6.42	5.23	4.22	3.34	2.59	2.03	1.52	3.426	13	
5:	15.00	-1	8.24	0.07	7.5		5	1885.0	35	
	18.78	16.28	14.22	12.32	10.51	8.78	173.8	0.00024		
	7.25	5.86	4.75	3.72	2.77	2.06	1.47	7.413	13	
6:	20.57	-2	9.79	0.21	6.6		5	1508.0	38	
	22.33	19.41	16.99	14.62	12.54	10.44	207.5	0.00024		
	8.61	7.03	5.67	4.40	3.36	2.51	1.80	6.570	13	
7:	12.71	-2	11.72	0.24	5.7		5	2513.5	39	
	26.55	23.15	20.25	17.47	14.91	12.47	242.3	0.00024		
	10.27	8.28	6.70	5.13	3.86	2.85	1.94	9.299	13	
8:	8.51	9	13.32	0.12	5.3		5	3770.3	40	
	30.48	26.63	23.19	20.05	17.15	14.26	282.7	0.00024		
	11.74	9.54	7.62	5.87	4.51	3.60	2.61	4.797	13	

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	590N	580N ON	575N 590N	570N 10769N	560N 809	550N 4	540N 15:33:34	520N	500N	480N
1:	65.22	-3	3.17	0.06	14.0		5	188.5	15	
	6.89	5.90	5.23	4.46	3.91	3.38	64.0	0.00024		
	2.84	2.21	1.62	1.36	1.01	0.63	0.56	10.932	13	
2:	41.13	1	3.88	0.05	15.2		5	377.0	19	
	8.72	7.43	6.52	5.67	4.87	4.12	37.9	0.03125		
	3.42	2.85	2.36	1.92	1.53	1.24	1.01	1.049	13	
3:	52.34	0	4.71	0.19	6.1		5	377.0	24	
	10.82	9.26	8.09	7.01	5.99	5.02	77.9	0.00098		
	4.16	3.39	2.73	2.15	1.69	1.32	1.00	2.877	13	
4:	31.43	-3	5.98	0.26	4.1		5	754.0	29	
	13.59	11.73	10.21	8.79	7.57	6.36	97.8	0.00098		
	5.26	4.25	3.44	2.69	2.08	1.57	1.18	3.474	12	

D21_RAW.txt

5:	21.65	2	7.13	0.42	4.4		5	1256.7	34
	16.43		14.22	12.39	10.73	9.18	7.61	104.5	0.00195
	6.29	5.12	4.17	3.27	2.52	1.93	1.46	2.235	11
6:	26.54	-1	8.69	0.63	5.6		5	1099.6	36
	19.97		17.44	15.18	13.10	11.20	9.25	126.8	0.00195
	7.69	6.18	4.94	3.83	2.95	2.25	1.65	2.363	10
7:	16.15	2	10.70	1.13	5.8		5	1979.3	40
	24.46		21.44	18.66	16.15	13.82	11.39	138.8	0.00391
	9.42	7.60	6.10	4.68	3.61	2.82	2.16	1.600	9
8:	10.36	-4	12.36	1.81	4.9		5	3110.5	40
	28.48		24.93	21.64	18.66	15.99	13.21	144.7	0.00781
	10.83	8.70	6.93	5.17	3.92	2.98	2.20	0.987	7

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	600N	580N ON	575N 600N	570N 10769N	560N 809	550N 4	540N 15:36:23	520N	500N	480N
1:	30.60	-5	4.01	0.06	13.8		5	628.3	24	
	9.05		8.08	7.68	6.52	5.64	4.40	48.8	0.00781	
	3.39	2.89	2.03	2.07	1.48	1.37	1.09	8.210	13	
2:	22.92	2	5.19	0.03	15.1		5	942.5	27	
	11.72		10.13	8.90	7.65	6.57	5.52	85.2	0.00098	
	4.59	3.73	3.04	2.39	1.90	1.40	1.05	4.456	13	
3:	32.88	0	6.20	0.00	5.8		5	754.0	31	
	13.98		12.07	10.57	9.14	7.86	6.61	101.6	0.00098	
	5.46	4.43	3.59	2.86	2.24	1.72	1.27	3.755	13	
4:	21.76	-3	7.47	0.19	3.6		5	1256.7	34	
	16.81		14.63	12.84	11.17	9.61	7.96	108.4	0.00195	
	6.60	5.33	4.31	3.51	2.81	2.06	1.62	3.209	13	
5:	15.89	3	8.75	0.20	3.7		5	1885.0	37	
	19.49		16.95	14.85	12.76	10.94	9.30	112.1	0.00391	
	7.77	6.37	5.18	4.03	3.24	2.59	1.94	2.447	13	
6:	20.47	-1	10.20	0.19	4.9		5	1508.0	38	
	22.77		19.90	17.49	15.13	12.99	10.86	188.8	0.00049	
	8.95	7.21	5.83	4.64	3.66	2.77	2.02	4.451	13	
7:	13.01	2	12.24	0.42	5.1		5	2513.5	40	
	27.08		23.78	20.87	18.10	15.61	13.02	174.0	0.00195	
	10.79	8.70	7.04	5.56	4.46	3.41	2.58	3.394	13	
8:	8.58	-3	14.01	0.57	4.2		5	3770.3	40	
	30.89		27.23	23.89	20.78	17.94	14.91	199.0	0.00195	
	12.36	9.91	8.04	6.41	5.13	3.70	2.68	3.709	12	

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	610N	600N ON	595N 610N	590N 10789N	580N 1045	570N 4	560N 15:39:27	540N	520N	500N
1:	84.90	-2	2.39	0.17	8.5		5	188.5	15	
	5.91		4.92	4.25	3.68	3.15	2.54	47.0	0.00049	
	2.20	1.88	1.31	1.05	0.76	0.69	0.46	4.523	10	
2:	55.72	4	3.14	0.01	20.1		5	377.0	20	
	7.47		6.30	5.48	4.72	4.03	3.35	67.7	0.00024	
	2.75	2.24	1.80	1.40	1.08	0.82	0.58	6.007	13	
3:	70.76	1	4.41	0.04	17.4		5	377.0	26	
	10.12		8.61	7.51	6.49	5.59	4.69	57.7	0.00391	
	3.90	3.20	2.63	2.09	1.66	1.31	1.03	1.423	13	

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4:	44.75	-3	6.00	0.05	4.9		5	754.0	32
		13.60	11.72	10.27	8.88	7.62	6.38	112.6	0.00049
	5.28	4.30	3.48	2.74	2.14	1.64	1.23	3.832	13
5:	30.29	-2	7.43	0.01	4.3		5	1256.7	36
		16.83	14.55	12.72	11.00	9.43	7.92	122.0	0.00098
	6.57	5.38	4.31	3.41	2.66	2.06	1.58	3.217	13
6:	37.07	-0	8.96	0.03	3.9		5	1099.6	39
		20.39	17.70	15.48	13.37	11.42	9.56	191.2	0.00024
	7.87	6.37	5.11	4.03	3.13	2.38	1.75	4.694	13
7:	21.27	5	10.91	0.00	7.5		5	1979.3	40
		24.90	21.56	18.85	16.28	13.95	11.65	228.6	0.00024
	9.59	7.79	6.17	4.73	3.65	2.73	2.00	6.673	13
8:	13.97	1	12.74	0.04	6.9		5	3110.5	42
		28.83	25.18	22.02	19.02	16.19	13.56	264.7	0.00024
	11.16	8.99	7.16	5.53	4.14	3.11	2.39	6.561	13

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	620N	600N ON	595N 620N	590N 10789N	580N 732	570N 4	560N 15:42:33	540N	520N	500N
1:	27.82	-3	3.97	0.31	8.2		5	628.3	24	
		9.24	7.85	6.96	6.03	5.20	3.91	85.9	0.00024	
	3.51	2.64	2.41	1.57	1.51	1.05	0.81	5.886	10	
2:	21.90	2	4.47	0.06	17.4		5	942.5	28	
		10.44	8.94	7.84	6.74	5.70	4.77	96.4	0.00024	
	3.90	3.17	2.53	2.00	1.60	1.22	0.82	5.858	13	
3:	31.38	3	5.59	0.00	14.5		5	754.0	32	
		13.22	11.26	9.85	8.47	7.18	5.97	119.9	0.00024	
	4.92	3.95	3.18	2.50	1.89	1.44	1.05	5.826	13	
4:	21.82	-3	7.29	0.00	4.3		5	1256.7	37	
		16.65	14.38	12.72	11.01	9.34	7.79	155.0	0.00024	
	6.44	5.19	4.19	3.30	2.42	1.86	1.35	6.598	13	
5:	15.62	-2	8.61	0.00	3.9		5	1885.0	40	
		19.69	17.05	15.06	12.94	11.00	9.18	184.1	0.00024	
	7.58	6.11	4.94	3.85	2.97	2.33	1.64	5.180	13	
6:	20.08	-0	9.75	0.00	3.5		5	1508.0	41	
		22.74	19.66	17.43	14.97	12.62	10.44	198.9	0.00024	
	8.55	6.77	5.41	4.16	2.97	2.20	1.40	14.132	13	
7:	12.01	5	11.47	0.00	5.4		5	2513.5	41	
		26.68	23.15	20.62	17.70	14.84	12.24	236.9	0.00024	
	10.10	7.98	6.41	4.97	3.60	2.75	1.79	11.396	13	
8:	8.10	1	12.36	0.00	5.0		5	3770.3	42	
		29.93	25.84	23.13	19.68	16.44	13.34	234.9	0.00024	
	10.86	8.22	6.66	4.98	3.20	2.19	1.04	33.385	13	

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	630N	620N ON	615N 630N	610N 10809N	600N 732	590N 4	580N 15:45:46	560N	540N	520N
1:	60.63	-4	2.73	0.13	13.1		5	188.5	16	
		5.40	4.51	4.11	3.38	2.89	2.79	19.3	0.50000	
	2.24	1.87	1.61	1.10	0.91	1.09	0.74	10.206	13	
2:	39.60	2	2.84	0.16	17.4		5	377.0	20	
		6.89	5.79	5.01	4.29	3.65	3.04	62.9	0.00024	
	2.50	2.02	1.61	1.28	0.98	0.69	0.55	2.066	11	

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3:	50.27	2	4.06	0.26	9.9		5	377.0	26
		9.35	7.94	6.92	5.97	5.13	4.32	47.8	0.00781
	3.60	2.98	2.41	1.94	1.54	1.22	0.96	0.854	11
4:	32.76	4	5.71	0.13	10.1		5	754.0	34
		12.69	10.94	9.63	8.35	7.17	6.07	51.5	0.06250
	5.05	4.19	3.46	2.85	2.34	1.88	1.55	1.620	13
5:	22.41	-4	7.10	0.62	15.2		5	1256.7	38
		16.35	14.05	12.26	10.54	9.02	7.56	92.4	0.00391
	6.28	5.11	4.11	3.25	2.54	1.95	1.52	1.281	10
6:	28.63	-4	9.61	0.93	10.0		5	1099.6	43
		21.05	18.36	16.12	13.98	12.07	10.22	91.7	0.03125
	8.52	7.06	5.74	4.64	3.75	3.04	2.33	0.564	10
7:	16.18	4	11.91	1.59	3.7		5	1979.3	44
		25.89	22.63	19.88	17.25	14.90	12.64	104.9	0.06250
	10.60	8.83	7.15	5.79	4.75	3.89	3.12	0.169	8
8:	9.99	2	13.83	2.74	4.9		5	3110.5	42
		30.75	26.74	23.39	20.18	17.45	14.73	131.7	0.03125
	12.22	10.17	8.34	6.71	5.39	4.37	3.29	0.175	6

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	640N	620N ON	615N 640N	610N 10809N	600N 732	590N 4	580N 15:48:42	560N	540N	520N
1:	29.03		-5	3.85	0.25	12.7		5	628.3	25
			9.56	8.30	6.80	5.37	4.70	4.21	64.7	0.00098
	3.13		2.39	1.86	2.43	1.44	0.44	0.62	12.822	11
2:	22.58		4	4.49	0.12	16.7		5	942.5	29
			10.14	8.62	7.51	6.51	5.70	4.74	65.0	0.00195
	4.01		3.24	2.62	1.99	1.59	1.29	1.01	2.840	13
3:	32.32		2	5.41	0.09	9.0		5	754.0	33
			12.45	10.64	9.29	7.99	6.88	5.76	70.8	0.00391
	4.79		3.96	3.23	2.56	2.04	1.61	1.24	1.636	13
4:	23.07		1	7.01	0.02	7.5		5	1256.7	40
			15.72	13.60	11.87	10.29	8.88	7.46	114.5	0.00098
	6.19		5.06	4.07	3.20	2.50	1.87	1.50	3.673	13
5:	16.65		-1	8.70	0.11	11.2		5	1885.0	43
			19.45	16.79	14.69	12.84	10.99	9.26	100.0	0.00781
	7.72		6.33	5.12	4.11	3.26	2.54	1.99	1.985	13
6:	22.23		-3	10.59	0.06	8.1		5	1508.0	46
			23.58	20.54	17.99	15.55	13.46	11.25	135.7	0.00391
	9.42		7.78	6.31	5.05	3.97	3.04	2.33	2.990	13
7:	13.08		4	12.59	0.07	3.2		5	2513.5	45
			27.82	24.26	21.25	18.41	15.94	13.37	159.5	0.00391
	11.18		9.20	7.43	5.96	4.64	3.53	2.75	3.247	13
8:	8.29		2	14.19	0.04	4.2		5	3770.3	43
			31.93	27.77	24.21	21.07	18.20	15.22	202.9	0.00195
	12.55		10.30	8.32	6.70	5.23	3.90	3.00	3.773	13

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	650N	640N ON	635N 650N	630N 10829N	620N 545	610N 4	600N 15:52:08	580N	560N	540N
1:	48.50		-3	2.26	0.30	4.9		5	188.5	17
			6.23	5.31	4.24	3.39	2.60	2.45	53.3	0.00024
	2.01		1.95	1.24	1.24	0.90	0.87	0.56	8.839	8

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2:	30.25	0	3.29	0.04	12.0		5	377.0	21
		7.26	6.11	5.36	4.70	4.08	3.48	27.7	0.12500
	2.90	2.43	2.05	1.64	1.38	1.07	0.89	1.691	13
3:	39.47	4	3.91	0.00	10.8		5	377.0	27
		9.17	7.75	6.77	5.82	4.98	4.17	74.5	0.00049
	3.44	2.84	2.27	1.80	1.43	1.09	0.81	3.304	13
4:	24.15	-5	5.41	0.00	8.6		5	754.0	33
		12.43	10.65	9.31	8.07	6.95	5.79	101.8	0.00049
	4.71	3.88	3.11	2.48	1.98	1.43	1.10	4.306	13
5:	16.80	0	7.08	0.00	9.0		5	1256.7	39
		16.11	13.86	12.18	10.59	9.10	7.59	103.7	0.00195
	6.22	5.15	4.22	3.29	2.66	2.04	1.57	2.586	13
6:	21.98	1	9.06	0.00	6.0		5	1099.6	44
		20.52	17.79	15.63	13.59	11.70	9.73	131.6	0.00195
	7.92	6.61	5.36	4.25	3.50	2.54	1.86	4.430	13
7:	12.98	3	11.76	0.00	5.5		5	1979.3	47
		26.40	22.97	20.30	17.69	15.22	12.66	170.5	0.00195
	10.28	8.63	6.97	5.55	4.60	3.36	2.45	4.324	13
8:	7.89	2	13.65	0.00	3.5		5	3110.5	45
		30.96	27.02	23.92	20.75	17.79	14.78	291.0	0.00024
	11.73	9.94	8.00	6.20	5.03	3.49	2.61	6.295	13

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	660N	640N ON	635N 660N	630N 10829N	620N 857	610N 4	600N 15:54:55	580N	560N	540N
1:	38.16	-2	3.78	0.07	4.8		5	628.3	28	
		9.50	7.67	6.61	5.24	4.75	3.95	56.9	0.00195	
	3.46	2.67	2.70	1.91	1.12	1.23	0.91	10.207	13	
2:	27.68	-0	4.72	0.05	12.3		5	942.5	30	
		10.58	9.04	7.94	6.88	5.95	4.99	49.9	0.01563	
	4.20	3.44	2.81	2.27	1.87	1.47	1.12	1.364	13	
3:	40.24	4	5.63	0.05	10.9		5	754.0	35	
		12.82	10.98	9.57	8.28	7.10	5.99	65.7	0.00781	
	4.98	4.11	3.27	2.72	2.15	1.68	1.34	1.114	13	
4:	26.89	-4	7.08	0.23	7.0		5	1256.7	39	
		15.90	13.69	12.04	10.41	8.94	7.52	81.8	0.00781	
	6.27	5.17	4.21	3.31	2.65	2.10	1.62	1.886	13	
5:	19.70	0	8.60	0.13	7.5		5	1885.0	43	
		19.13	16.61	14.48	12.55	10.85	9.15	99.4	0.00781	
	7.59	6.27	5.07	4.11	3.30	2.58	2.02	1.406	13	
6:	26.91	0	10.53	0.16	5.5		5	1508.0	47	
		23.32	20.31	17.85	15.48	13.30	11.21	120.8	0.00781	
	9.31	7.68	6.26	5.02	4.00	3.08	2.41	2.064	13	
7:	16.49	3	13.10	0.20	5.0		5	2513.5	48	
		28.57	24.97	21.96	19.11	16.45	13.93	134.3	0.01563	
	11.62	9.56	7.80	6.28	5.00	3.85	3.05	2.062	13	
8:	10.29	2	14.73	0.19	3.1		5	3770.3	45	
		32.14	28.19	24.68	21.50	18.42	15.65	150.4	0.01563	
	13.11	10.72	8.84	7.08	5.54	4.28	3.46	2.238	13	

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	670N	660N ON	655N 670N	650N 10849N	640N 857	630N 4	620N 15:57:46	600N	580N	560N
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1:	76.24	-1	3.06	0.04	4.1		5	188.5	17
		6.12	5.27	5.01	4.54	3.68	3.27	25.0	0.12500
	2.70	2.16	1.75	1.34	1.14	1.12	0.82	6.353	13
2:	49.85	2	6.92	5.83	17.8		5	377.0	22
		11.10	9.67	9.04	8.48	7.87	7.13		
	5.10	2.43	1.95	1.52	1.13	0.80	0.53		99
3:	67.23	1	2.35	4.47	16.0		5	377.0	30
		8.92	7.47	6.08	4.77	3.70	2.74		
	2.97	3.70	3.05	2.51	2.05	1.66	1.39		99
4:	42.08	-4	6.06	0.00	2.5		5	754.0	37
		13.56	11.67	10.22	8.85	7.63	6.43	63.7	0.01563
	5.37	4.44	3.61	2.88	2.29	1.86	1.49	0.973	13
5:	28.16	1	7.48	0.08	4.3		5	1256.7	41
		16.49	14.29	12.53	10.88	9.38	7.94	77.9	0.01563
	6.61	5.44	4.45	3.57	2.82	2.25	1.80	1.179	13
6:	34.76	-1	9.39	0.00	6.4		5	1099.6	45
		20.65	18.00	15.77	13.70	11.79	9.97	90.2	0.03125
	8.35	6.95	5.73	4.66	3.74	2.98	2.34	0.668	13
7:	21.16	5	12.24	0.02	8.3		5	1979.3	49
		26.51	23.18	20.39	17.76	15.30	12.99	115.7	0.03125
	10.85	8.96	7.37	5.97	4.72	3.86	3.10	0.916	13
8:	13.34	-2	14.82	0.00	7.6		5	3110.5	48
		31.75	27.87	24.49	21.41	18.49	15.73	121.7	0.12500
	13.15	11.01	9.07	7.44	6.02	5.10	4.14	1.960	13

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	680N	660N ON	655N 680N	650N 10849N	640N 856	630N 4	620N 16:00:51	600N	580N	560N
1:	38.96	0	4.09	1.16	4.1		5	628.3	29	
		9.26	7.50	6.59	5.54	4.19	4.39			
	3.10	3.95	3.07	2.74	1.77	1.29	0.87		99	
2:	29.66	-1	5.51	0.15	13.8		5	942.5	33	
		12.38	10.62	9.25	8.04	6.91	5.85	70.5	0.00391	
	4.87	3.92	3.16	2.53	2.00	1.59	1.20	2.409	13	
3:	44.18	4	6.46	0.25	11.9		5	754.0	39	
		14.46	12.42	10.87	9.44	8.14	6.87	74.5	0.00781	
	5.72	4.67	3.83	3.06	2.44	1.89	1.45	2.152	13	
4:	29.98	-3	7.54	0.21	2.3		5	1256.7	44	
		16.94	14.62	12.82	11.10	9.55	8.04	108.9	0.00195	
	6.65	5.43	4.38	3.51	2.75	2.13	1.63	2.861	13	
5:	21.01	1	8.85	0.39	3.9		5	1885.0	46	
		19.62	16.98	14.89	12.92	11.13	9.40	101.4	0.00781	
	7.84	6.43	5.21	4.19	3.32	2.49	1.86	2.467	12	
6:	27.04	-1	10.51	0.34	5.4		5	1508.0	48	
		23.21	20.18	17.68	15.33	13.24	11.18	133.1	0.00391	
	9.25	7.58	6.15	4.88	3.87	2.97	2.28	2.981	13	
7:	17.06	6	12.73	0.70	5.8		5	2513.5	50	
		28.12	24.53	21.50	18.66	16.09	13.56	161.4	0.00391	
	11.20	9.15	7.49	5.92	4.63	3.59	2.70	2.468	12	
8:	11.01	-1	14.76	0.92	5.2		5	3770.3	48	
		32.72	28.56	24.96	21.60	18.63	15.72	186.4	0.00391	
	12.94	10.69	8.65	6.72	5.21	3.83	2.79	2.613	11	

D21_RAW.txt

*	690N	680N ON	675N 690N	670N 10869N	660N 856	650N 4	640N 16:04:43	620N	600N	580N
1:	76.31		-3	2.65	0.67	6.9		5	188.5	17
	2.18		6.81	5.41	4.69	3.95	3.14	2.79		
			1.68	1.41	1.40	1.16	0.75	0.58		99
2:	52.35		2	4.30	0.02	18.9		5	377.0	23
	3.85		9.32	7.95	7.03	6.13	5.32	4.54	38.3	0.06250
			3.23	2.58	2.09	1.72	1.45	1.09	1.766	13
3:	69.92		3	5.17	0.03	14.4		5	377.0	31
	4.58		11.73	10.05	8.80	7.61	6.55	5.49	66.8	0.00391
			3.74	3.02	2.37	1.87	1.49	1.18	2.042	13
4:	45.72		-4	6.60	0.05	4.7		5	754.0	40
	5.83		14.85	12.79	11.19	9.68	8.33	7.03	85.3	0.00391
			4.79	4.01	3.20	2.46	1.87	1.44	3.353	13
5:	31.94		2	7.93	0.08	4.9		5	1256.7	47
	7.01		17.86	15.42	13.50	11.69	10.08	8.44	101.9	0.00391
			5.68	4.48	3.53	2.93	2.33	1.89	2.111	13
6:	39.00		0	9.26	0.10	3.6		5	1099.6	50
	8.16		20.90	18.10	15.85	13.69	11.78	9.88	119.5	0.00391
			6.67	5.39	4.29	3.43	2.73	2.21	1.480	13
7:	21.62		3	11.27	0.24	8.9		5	1979.3	50
	9.94		25.43	22.04	19.34	16.68	14.32	12.03	161.2	0.00195
			8.06	6.47	5.04	4.03	3.14	2.51	2.592	13
8:	14.01		4	13.36	0.04	11.5		5	3110.5	51
	11.58		30.76	26.78	23.38	20.00	17.12	14.35	283.5	0.00024
			9.29	7.30	5.92	4.70	3.47	2.85	3.324	13

*	700N	680N ON	675N 700N	670N 10869N	660N 856	650N 4	640N 16:07:35	620N	600N	580N
1:	27.64		-4	6.19	1.71	6.2		5	628.3	20
	3.71		11.44	11.00	7.33	7.88	10.66	6.07		
			4.31	3.11	1.84	1.66	2.22	1.77		99
2:	21.80		1	5.31	0.27	16.6		5	942.5	24
	4.68		12.21	10.40	9.10	7.84	6.64	5.65	110.0	0.00024
			3.47	2.59	1.99	1.66	1.02	1.18	7.093	11
3:	32.21		5	6.77	0.04	12.5		5	754.0	28
	6.03		15.26	13.17	11.54	9.93	8.47	7.18	79.0	0.00781
			4.97	4.07	3.24	2.62	2.05	1.59	1.368	13
4:	22.67		-5	8.19	0.20	4.0		5	1256.7	33
	7.17		18.11	15.75	13.83	12.04	10.45	8.75	104.9	0.00391
			5.89	4.70	3.79	2.95	2.38	1.91	2.142	13
5:	16.51		2	9.21	0.06	4.3		5	1885.0	36
	8.22		20.66	17.85	15.62	13.42	11.48	9.73	131.4	0.00195
			6.61	5.34	4.22	3.26	2.49	2.00	3.306	13
6:	20.90		0	10.38	0.17	3.4		5	1508.0	37
	9.11		23.36	20.27	17.78	15.44	13.32	11.09	133.6	0.00391
			7.45	5.99	4.84	3.83	3.02	2.48	1.739	13
7:	11.97		3	11.94	0.41	7.0		5	2513.5	35
	10.48		27.26	23.65	20.73	17.92	15.41	12.80	195.2	0.00098
			8.56	6.85	5.41	4.24	3.21	2.72	3.020	13

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8:	7.93	4	14.02	0.78	8.3		5	3770.3	35
		32.24	28.33	24.69	21.33	18.75	15.16	300.4	0.00024
	11.84	9.77	7.73	6.33	4.63	3.97	3.56	3.875	12

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	710N	700N ON	695N 710N	690N 10889N	680N 823	670N 4	660N 16:10:45	640N	620N	600N
1:	89.52	16	4.26	0.31	29.9		5	188.5	21	
		8.39	7.28	6.18	5.83	4.56	4.34	30.4	0.50000	
	3.55	2.69	2.65	1.93	1.84	1.39	0.84	6.091	11	
2:	56.94	-27	3.99	0.11	33.3		5	377.0	26	
		9.36	7.98	6.99	6.00	5.17	4.27	83.4	0.00024	
	3.52	2.82	2.18	1.66	1.17	0.82	0.51	11.081	12	
3:	72.63	1	5.40	0.03	7.5		5	377.0	33	
		11.86	10.23	8.99	7.83	6.77	5.74	56.2	0.01563	
	4.79	3.95	3.23	2.58	2.05	1.60	1.23	2.327	13	
4:	46.80	-3	7.33	0.09	5.6		5	754.0	43	
		15.71	13.65	12.07	10.54	9.13	7.76	64.5	0.06250	
	6.53	5.40	4.44	3.59	2.90	2.34	1.84	0.763	13	
5:	33.07	0	8.58	0.05	5.3		5	1256.7	50	
		18.79	16.36	14.38	12.49	10.78	9.12	109.1	0.00391	
	7.61	6.25	5.07	4.03	3.14	2.40	1.86	3.471	13	
6:	42.25	1	10.36	0.07	2.8		5	1099.6	56	
		22.62	19.70	17.34	15.09	13.01	11.00	117.7	0.00781	
	9.17	7.56	6.12	4.95	3.87	3.00	2.27	3.053	13	
7:	23.56	5	12.38	0.19	3.1		5	1979.3	57	
		26.86	23.45	20.67	17.96	15.48	13.14	126.4	0.01563	
	10.91	8.94	7.47	5.89	4.74	3.65	2.77	2.776	13	
8:	13.88	2	14.06	0.70	6.5		5	3110.5	52	
		30.76	26.95	23.69	20.64	17.71	14.94	176.2	0.00391	
	12.41	10.20	8.22	6.57	4.99	3.67	2.42	4.330	12	

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	720N	700N ON	695N 720N	690N 10889N	680N 821	670N 4	660N 16:13:29	640N	620N	600N
1:	45.67	14	5.36	0.01	22.0		5	628.3	35	
		12.26	10.95	8.87	6.65	6.70	5.67	112.6	0.00024	
	5.02	4.31	3.37	2.63	1.87	1.65	0.58	24.086	13	
2:	33.58	-22	6.25	0.14	25.2		5	942.5	39	
		13.63	11.77	10.41	9.10	7.86	6.67	65.0	0.01563	
	5.54	4.55	3.73	3.03	2.40	1.84	1.44	2.369	13	
3:	47.31	1	7.12	0.08	6.6		5	754.0	43	
		15.61	13.52	11.90	10.36	8.95	7.57	73.9	0.01563	
	6.32	5.21	4.23	3.40	2.69	2.12	1.65	2.031	13	
4:	33.10	-3	8.64	0.11	4.3		5	1256.7	51	
		19.01	16.51	14.47	12.57	10.84	9.16	98.9	0.00781	
	7.65	6.28	5.10	4.09	3.28	2.54	1.96	2.143	13	
5:	24.48	1	10.16	0.17	4.1		5	1885.0	56	
		22.10	19.29	16.98	14.79	12.78	10.79	96.5	0.03125	
	9.04	7.46	6.10	4.91	3.96	3.18	2.52	0.779	13	
6:	32.46	0	11.51	0.26	2.5		5	1508.0	60	
		25.35	22.12	19.40	16.85	14.53	12.23	131.3	0.00781	
	10.19	8.38	6.78	5.45	4.33	3.38	2.63	2.013	13	

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7:	18.73	5	13.09	0.45	2.8		5	2513.5	57
		28.88	25.17	22.03	19.14	16.56	13.95	148.9	0.00781
	11.57	9.50	7.58	6.23	4.93	3.92	2.99	1.911	13

8:	11.31	2	14.68	0.41	5.5		5	3770.3	52
		32.46	28.28	24.76	21.51	18.52	15.61	150.6	0.01563
	12.93	10.65	8.55	6.96	5.63	4.46	3.50	1.115	13

*
 730N 720N 715N 710N 700N 690N 680N 660N 640N 620N
 ON 730N 10909N 718 4 16:16:35|

1:	89.51	-12	3.98	0.02	4.6		5	188.5	23
		8.79	7.51	6.63	5.63	4.92	4.22	35.4	0.06250
	3.55	2.81	2.36	1.85	1.58	1.28	1.10	3.166	13

2:	57.60	17	4.89	0.07	13.3		5	377.0	30
		11.12	9.50	8.32	7.24	6.21	5.21	102.4	0.00024
	4.30	3.51	2.78	2.17	1.66	1.19	0.80	9.559	13

3:	76.13	-2	6.29	0.01	13.1		5	377.0	40
		13.50	11.69	10.33	9.02	7.82	6.66	56.0	0.06250
	5.60	4.66	3.84	3.15	2.55	2.04	1.63	0.799	13

4:	46.70	-10	7.64	0.00	4.6		5	754.0	49
		16.47	14.32	12.64	11.02	9.55	8.09	79.1	0.01563
	6.77	5.57	4.57	3.69	2.93	2.29	1.78	2.044	13

5:	30.01	-2	8.91	0.00	3.7		5	1256.7	53
		19.23	16.75	14.77	12.89	11.12	9.45	84.7	0.03125
	7.92	6.60	5.40	4.36	3.50	2.80	2.13	1.606	13

6:	38.60	0	10.95	0.00	3.5		5	1099.6	59
		23.60	20.56	18.13	15.81	13.70	11.60	112.6	0.01563
	9.73	8.00	6.58	5.32	4.21	3.30	2.48	2.601	13

7:	22.71	4	13.28	0.00	2.7		5	1979.3	63
		28.38	24.75	21.86	19.16	16.65	14.09	124.1	0.03125
	11.77	9.78	8.04	6.53	5.19	4.10	3.05	2.565	13

8:	13.46	3	14.78	0.00	2.8		5	3110.5	58
		31.89	27.82	24.54	21.41	18.54	15.68	151.4	0.01563
	13.12	10.92	8.97	7.30	5.73	4.48	3.35	2.881	13

*
 740N 720N 715N 710N 700N 690N 680N 660N 640N 620N
 ON 740N 10909N 718 4 16:19:26|

1:	48.42	-9	5.68	0.10	4.4		5	628.3	42
		12.53	10.82	9.59	8.21	7.26	6.15	55.0	0.03125
	4.98	4.23	3.49	2.69	2.55	1.64	1.39	4.717	13

2:	35.48	12	6.99	0.01	13.4		5	942.5	47
		15.02	13.06	11.50	9.99	8.71	7.40	72.3	0.01563
	6.20	5.14	4.18	3.39	2.64	2.06	1.65	2.209	13

3:	51.19	0	7.85	0.19	12.4		5	754.0	54
		17.02	14.77	13.02	11.33	9.83	8.33	81.4	0.01563
	6.96	5.75	4.71	3.77	3.00	2.35	1.84	1.928	13

4:	33.68	-9	9.26	0.24	3.5		5	1256.7	59
		19.87	17.36	15.33	13.35	11.59	9.82	87.7	0.03125
	8.23	6.79	5.56	4.52	3.62	2.86	2.24	1.291	13

5:	22.56	-1	10.36	0.35	3.2		5	1885.0	59
		22.23	19.40	17.14	14.94	12.97	11.01	105.9	0.01563
	9.17	7.57	6.14	4.92	3.93	3.06	2.30	2.956	13

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6:	30.11	0	12.21	0.55	3.0		5	1508.0	63
		26.32	23.06	20.35	17.69	15.36	12.97	115.0	0.03125
	10.84	9.00	7.40	5.96	4.80	3.72	2.91	1.806	13
7:	18.32	5	14.33	0.98	2.4		5	2513.5	64
		30.59	26.79	23.63	20.50	17.81	15.18	123.6	0.06250
	12.69	10.45	8.63	6.91	5.58	4.35	3.33	0.981	11
8:	11.12	3	15.75	1.80	2.6		5	3770.3	58
		33.66	29.55	26.08	22.57	19.74	16.71	136.3	0.06250
	13.95	11.56	9.47	7.56	6.11	4.71	3.77	0.534	9

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	750N	740N ON	735N 750N	730N 10929N	720N 718	710N 4	700N 16:23:21	680N	660N	640N
1:	106.15	-1	3.92	0.00	10.9		5	188.5	28	
		8.73	7.39	6.47	5.63	4.96	4.20	45.3	0.00781	
	3.39	2.82	2.32	1.90	1.49	1.19	0.88	2.636	13	
2:	67.28	-3	4.92	0.03	13.4		5	377.0	35	
		10.92	9.38	8.24	7.14	6.17	5.24	70.7	0.00195	
	4.29	3.51	2.83	2.23	1.91	1.36	1.00	4.522	13	
3:	81.21	10	5.88	0.00	5.9		5	377.0	43	
		13.10	11.29	9.91	8.63	7.44	6.24	62.3	0.01563	
	5.28	4.36	3.52	2.85	2.21	1.83	1.49	1.572	13	
4:	53.89	0	7.92	0.01	5.0		5	754.0	57	
		17.16	14.91	13.16	11.47	9.92	8.41	81.9	0.01563	
	7.03	5.80	4.75	3.80	3.00	2.34	1.82	2.377	13	
5:	35.44	-2	9.30	0.04	6.0		5	1256.7	62	
		20.14	17.56	15.46	13.48	11.66	9.88	96.0	0.01563	
	8.25	6.79	5.52	4.48	3.53	2.78	2.17	1.915	13	
6:	41.15	-5	11.07	0.17	4.0		5	1099.6	63	
		23.71	20.71	18.25	15.93	13.79	11.74	103.7	0.03125	
	9.82	8.12	6.64	5.37	4.25	3.36	2.60	1.957	13	
7:	23.22	3	13.32	0.34	2.8		5	1979.3	64	
		28.63	25.02	22.07	19.31	16.62	14.12	135.8	0.01563	
	11.83	9.80	7.98	6.37	5.03	3.95	3.02	2.686	13	
8:	14.60	3	15.05	0.53	2.8		5	3110.5	63	
		32.29	28.33	24.85	21.72	18.75	15.98	168.4	0.00781	
	13.35	11.03	8.95	7.17	5.58	4.39	3.23	3.709	13	

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	760N	740N ON	735N 760N	730N 10929N	720N 840	710N 4	700N 16:26:10	680N	660N	640N
1:	64.32	-1	5.42	0.08	11.2		5	628.3	48	
		12.39	10.62	9.35	8.04	7.01	5.82	63.7	0.00781	
	4.83	3.98	3.21	2.60	2.00	1.66	1.30	1.610	13	
2:	45.82	-2	6.74	0.06	13.7		5	942.5	51	
		14.71	12.61	11.11	9.65	8.44	7.23	69.2	0.01563	
	5.93	4.78	3.74	3.25	2.53	1.95	1.59	2.541	13	
3:	61.13	9	7.63	0.07	5.6		5	754.0	55	
		16.64	14.54	12.78	11.08	9.55	8.08	87.6	0.00781	
	6.75	5.68	4.63	3.59	2.88	2.26	1.70	3.008	13	
4:	43.73	-0	9.43	0.07	4.1		5	1256.7	65	
		20.45	17.82	15.71	13.68	11.83	10.02	97.6	0.01563	
	8.37	6.89	5.62	4.51	3.58	2.84	2.25	1.589	13	

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5:	30.02	-1	10.75	0.02	5.0		5	1885.0	67
		23.22	20.28	17.88	15.58	13.47	11.42	110.6	0.01563
	9.53	7.83	6.41	5.15	4.10	3.21	2.49	2.052	13
6:	36.35	-5	12.11	0.10	3.6		5	1508.0	65
		26.15	22.88	20.18	17.59	15.19	12.87	124.7	0.01563
	10.75	8.85	7.22	5.79	4.60	3.65	2.91	1.580	13
7:	21.43	3	13.96	0.12	2.6		5	2513.5	64
		30.23	26.49	23.37	20.34	17.54	14.86	142.4	0.01563
	12.36	10.14	8.25	6.56	5.19	4.11	3.36	1.890	13
8:	13.88	3	15.15	0.32	2.5		5	3770.3	62
		33.11	28.98	25.50	22.22	19.11	16.14	171.3	0.00781
	13.44	10.92	8.96	7.11	5.61	4.42	3.57	1.979	13

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	770N	760N ON	755N 770N	750N 10949N	740N 840	730N 4	720N 16:29:05	700N	680N	660N
1:	164.01	-0	3.28	0.04	6.0		5	188.5	37	
		7.51	6.34	5.59	4.88	4.17	3.49	38.8	0.00781	
	2.89	2.45	1.97	1.57	1.28	0.96	0.80	1.929	13	
2:	104.74	9	4.36	0.01	14.9		5	377.0	47	
		9.70	8.29	7.27	6.31	5.45	4.63	42.1	0.03125	
	3.88	3.20	2.61	2.12	1.70	1.37	1.09	0.605	13	
3:	132.83	0	5.99	0.01	12.9		5	377.0	60	
		13.43	11.54	10.12	8.78	7.55	6.36	77.2	0.00391	
	5.30	4.35	3.54	2.82	2.23	1.73	1.31	2.693	13	
4:	71.84	-2	7.58	0.03	4.5		5	754.0	64	
		16.65	14.40	12.66	11.00	9.51	8.04	78.7	0.01563	
	6.72	5.52	4.51	3.63	2.89	2.28	1.77	1.605	13	
5:	43.08	2	9.17	0.04	5.2		5	1256.7	64	
		19.97	17.37	15.28	13.32	11.50	9.72	95.1	0.01563	
	8.14	6.71	5.48	4.41	3.51	2.76	2.17	1.623	13	
6:	54.97	4	11.43	0.07	5.8		5	1099.6	72	
		24.55	21.41	18.90	16.48	14.28	12.12	107.0	0.03125	
	10.15	8.37	6.86	5.52	4.40	3.46	2.69	1.963	13	
7:	28.50	-2	13.24	0.19	4.0		5	1979.3	67	
		28.47	24.85	21.92	19.08	16.56	14.04	135.1	0.01563	
	11.73	9.67	7.90	6.33	5.03	3.94	3.06	2.175	13	
8:	17.41	2	14.81	0.13	2.5		5	3110.5	64	
		32.06	28.08	24.78	21.52	18.60	15.71	151.2	0.01563	
	13.13	10.83	8.88	7.10	5.65	4.42	3.41	2.179	13	

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	780N	760N ON	755N 780N	750N 10949N	740N 882	730N 4	720N 16:32:19	700N	680N	660N
1:	85.65	-0	5.10	0.00	5.5		5	628.3	61	
		11.34	9.76	8.55	7.43	6.41	5.42	59.3	0.00781	
	4.52	3.80	3.04	2.46	1.95	1.52	1.16	2.373	13	
2:	62.50	6	6.18	0.03	14.6		5	942.5	67	
		13.60	11.74	10.32	8.98	7.75	6.56	64.5	0.01563	
	5.47	4.53	3.69	2.97	2.36	1.86	1.45	1.664	13	
3:	87.03	1	7.96	0.01	12.3		5	754.0	74	
		17.47	15.12	13.28	11.55	9.99	8.44	91.3	0.00781	
	7.05	5.78	4.73	3.79	3.00	2.35	1.81	2.246	13	

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4:	51.18	-3	9.39	0.01	3.9		5	1256.7	73
		20.39	17.71	15.61	13.60	11.78	9.96	107.1	0.00781
	8.32	6.87	5.56	4.45	3.52	2.76	2.13	2.498	13
5:	32.18	2	10.89	0.04	4.4		5	1885.0	69
		23.49	20.51	18.08	15.77	13.62	11.56	111.9	0.01563
	9.69	8.03	6.53	5.23	4.12	3.24	2.49	2.502	13
6:	42.89	3	12.94	0.05	5.0		5	1508.0	73
		27.51	24.09	21.28	18.61	16.15	13.70	131.3	0.01563
	11.47	9.44	7.71	6.16	4.87	3.83	2.91	2.788	13
7:	23.19	-0	14.62	0.14	3.1		5	2513.5	66
		30.94	27.17	24.01	20.97	18.17	15.50	147.3	0.01563
	12.99	10.66	8.77	6.96	5.48	4.26	3.20	3.517	13
8:	14.63	2	16.13	0.35	1.9		5	3770.3	63
		33.90	29.77	26.28	23.04	19.97	17.08	177.5	0.00781
	14.29	11.69	9.59	7.55	5.85	4.53	3.35	4.655	13

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	790N	780N ON	775N 790N	770N 10969N	760N 722	750N 4	740N 16:36:25	720N	700N	680N
1:	316.78	4	1.77	0.01	16.0		5	188.5	83	
		4.37	3.56	3.09	2.65	2.28	1.89	24.0	0.00391	
	1.56	1.32	1.12	0.85	0.69	0.55	0.42	2.167	13	
2:	148.23	-4	2.88	0.01	17.0		5	377.0	77	
		6.59	5.54	4.81	4.19	3.60	3.06	30.7	0.01563	
	2.56	2.11	1.73	1.41	1.13	0.90	0.71	1.045	13	
3:	135.45	4	5.11	0.00	11.8		5	377.0	71	
		11.44	9.79	8.57	7.43	6.41	5.43	59.4	0.00781	
	4.52	3.72	3.05	2.46	1.95	1.53	1.19	1.701	13	
4:	72.95	4	7.86	0.02	4.5		5	754.0	76	
		17.13	14.85	13.07	11.38	9.84	8.34	74.7	0.03125	
	6.97	5.77	4.72	3.81	3.06	2.41	1.89	1.357	13	
5:	46.91	-1	10.00	0.00	5.6		5	1256.7	82	
		21.75	18.93	16.67	14.51	12.53	10.61	113.7	0.00781	
	8.86	7.28	5.92	4.75	3.76	2.91	2.22	2.767	13	
6:	47.89	5	11.80	0.03	5.3		5	1099.6	73	
		25.47	22.23	19.60	17.09	14.79	12.54	121.4	0.01563	
	10.47	8.64	7.04	5.68	4.56	3.57	2.74	2.060	13	
7:	26.04	6	14.36	0.06	5.7		5	1979.3	71	
		30.63	26.81	23.67	20.65	17.87	15.23	133.6	0.03125	
	12.74	10.50	8.55	6.91	5.55	4.39	3.46	1.414	13	
8:	14.63	-5	15.53	0.10	5.2		5	3110.5	63	
		33.45	29.26	25.81	22.50	19.46	16.50	174.4	0.00781	
	13.77	11.38	9.19	7.32	5.95	4.57	3.37	3.424	13	

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	800N	780N ON	775N 800N	770N 10969N	760N 300	750N 4	740N 16:39:39	720N	700N	680N
1:	57.77	4	4.32	0.11	15.5		5	628.3	121	
		9.49	7.99	7.08	6.09	5.20	4.65	41.1	0.03125	
	3.72	3.05	2.62	2.11	1.59	1.36	1.10	2.521	13	
2:	30.33	-3	5.52	0.01	17.3		5	942.5	95	
		12.20	10.49	9.19	8.00	6.93	5.86	57.8	0.01563	
	4.89	4.06	3.30	2.67	2.13	1.66	1.29	1.807	13	

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3:	31.14	5	7.84	0.03	12.3		5	754.0	78
		17.12	14.83	13.05	11.36	9.81	8.33	81.7	0.01563
	6.97	5.76	4.71	3.78	3.05	2.39	1.85	1.739	13
4:	18.50	2	10.26	0.01	4.2		5	1256.7	78
		22.18	19.31	16.99	14.87	12.82	10.89	106.0	0.01563
	9.14	7.55	6.14	4.95	3.91	3.08	2.43	1.919	13
5:	12.61	-1	12.27	0.13	5.0		5	1885.0	79
		26.54	23.20	20.44	17.81	15.45	13.05	126.5	0.01563
	10.90	9.08	7.43	6.00	4.79	3.70	2.79	2.735	13
6:	13.53	5	13.58	0.05	4.8		5	1508.0	68
		29.17	25.59	22.55	19.64	17.08	14.43	139.0	0.01563
	12.07	9.99	8.09	6.53	5.22	4.06	3.16	2.143	13
7:	7.72	7	15.30	0.29	4.7		5	2513.5	65
		33.13	29.12	25.69	22.37	19.40	16.31	172.9	0.00781
	13.56	11.43	9.30	7.49	5.91	4.40	3.19	4.906	13
8:	4.50	-4	16.90	0.21	4.1		5	3770.3	57
		35.77	31.51	27.79	24.28	21.06	17.95	169.8	0.01563
	14.98	12.12	9.83	7.85	6.63	5.15	3.73	3.161	13

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	810N	800N ON	795N 810N	790N 10989N	780N 343	770N 4	760N 16:43:57	740N	720N	700N
1:	207.58		-3	3.14	0.01	17.4		5	188.5	114
			7.05	5.95	5.25	4.53	3.92	3.34	30.5	0.03125
	2.79		2.33	1.91	1.56	1.23	0.99	0.76	1.384	13
2:	132.14		4	4.42	0.01	26.1		5	377.0	145
			9.83	8.38	7.37	6.40	5.56	4.69	46.6	0.01563
	3.93		3.25	2.66	2.15	1.72	1.35	1.06	1.402	13
3:	113.28		-4	5.91	0.03	27.6		5	377.0	125
			12.90	11.12	9.78	8.54	7.39	6.27	56.5	0.03125
	5.26		4.36	3.58	2.89	2.31	1.82	1.42	1.484	13
4:	51.19		-5	8.01	0.03	13.2		5	754.0	113
			17.32	15.04	13.26	11.57	10.03	8.50	76.0	0.03125
	7.12		5.88	4.85	3.89	3.10	2.45	1.92	1.501	13
5:	20.36		4	10.98	0.01	4.9		5	1256.7	75
			23.57	20.57	18.14	15.84	13.74	11.63	103.4	0.03125
	9.77		8.09	6.61	5.37	4.28	3.36	2.62	1.678	13
6:	22.27		7	13.62	0.15	4.4		5	1099.6	71
			29.07	25.45	22.53	19.68	17.07	14.44	139.3	0.01563
	12.11		9.99	8.29	6.58	5.20	4.08	3.15	2.555	13
7:	10.46		9	15.50	0.41	5.3		5	1979.3	60
			33.12	29.07	25.73	22.44	19.47	16.37	157.0	0.01563
	13.78		11.33	9.33	7.36	5.83	4.51	3.56	2.676	13
8:	6.28		4	17.42	0.87	4.9		5	3110.5	57
			37.02	32.51	28.69	25.07	21.86	18.41	149.6	0.06250
	15.53		12.88	10.82	8.55	6.86	5.28	4.13	1.952	12

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	820N	800N ON	795N 820N	790N 10989N	780N 343	770N 4	760N 16:46:54	740N	720N	700N
1:	55.00		-3	9.43	0.01	17.3		5	628.3	101
			19.88	17.42	15.45	13.54	11.75	10.00	88.8	0.03125
	8.37		6.94	5.69	4.60	3.67	2.90	2.26	1.865	13

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2:	40.76	5	10.71	0.01	26.6		5	942.5	112
		22.65	19.84	17.54	15.36	13.34	11.35	100.8	0.03125
	9.53	7.89	6.47	5.24	4.19	3.30	2.59	1.726	13
3:	39.92	-4	11.99	0.02	27.7		5	754.0	88
		25.24	22.16	19.63	17.19	14.93	12.71	103.4	0.06250
	10.67	8.84	7.25	5.85	4.69	3.70	2.90	1.803	13
4:	20.30	-5	13.56	0.09	12.4		5	1256.7	74
		28.42	25.04	22.22	19.45	16.86	14.37	126.3	0.03125
	12.07	9.99	8.18	6.59	5.26	4.14	3.25	1.980	13
5:	9.02	5	15.53	0.29	4.5		5	1885.0	50
		32.78	28.81	25.52	22.34	19.35	16.44	144.4	0.03125
	13.82	11.38	9.36	7.61	6.10	4.76	3.71	1.853	13
6:	10.91	6	16.98	0.15	4.0		5	1508.0	48
		35.66	31.41	27.85	24.33	21.18	17.99	144.9	0.06250
	15.11	12.55	10.36	8.28	6.68	5.21	4.11	1.920	13
7:	5.64	9	17.25	0.85	4.5		5	2513.5	41
		36.62	32.22	28.55	24.88	21.61	18.28	148.0	0.06250
	15.41	12.74	10.43	8.48	6.77	5.27	4.38	1.527	13
8:	3.65	4	18.06	0.29	3.9		5	3770.3	40
		38.39	33.79	29.71	25.85	22.46	19.28	154.3	0.06250
	15.95	13.28	10.87	9.15	7.16	5.55	4.39	1.964	13

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	830N	820N ON	815N 830N	810N 11009N	800N 343	790N 4	780N 16:50:03	760N	740N	720N
1:	265.47	-6	9.73	0.00	24.4		5	188.5	146	
		20.73	18.10	16.01	13.96	12.11	10.30	91.6	0.03125	
	8.67	7.13	5.87	4.73	3.81	2.98	2.30	1.885	13	
2:	101.64	6	12.78	0.01	34.4		5	377.0	112	
		27.02	23.70	20.96	18.33	15.91	13.54	110.8	0.06250	
	11.38	9.43	7.75	6.30	5.05	4.03	3.19	1.005	13	
3:	84.51	5	15.66	0.00	32.9		5	377.0	93	
		32.64	28.75	25.52	22.37	19.47	16.59	133.7	0.06250	
	13.96	11.56	9.49	7.65	6.10	4.84	3.78	1.925	13	
4:	37.19	-3	17.30	0.00	24.6		5	754.0	82	
		35.78	31.62	28.10	24.69	21.49	18.31	146.7	0.06250	
	15.42	12.74	10.48	8.45	6.75	5.35	4.12	2.212	13	
5:	18.00	-8	18.21	0.29	30.6		5	1256.7	66	
		37.63	33.23	29.48	25.89	22.69	19.24	144.8	0.12500	
	16.26	13.45	11.19	9.03	7.20	5.77	4.62	1.431	13	
6:	14.75	5	18.48	0.00	18.3		5	1099.6	47	
		38.37	33.84	30.16	26.50	22.97	19.63	156.7	0.06250	
	16.47	13.50	11.19	8.98	7.27	5.78	4.44	1.916	13	
7:	6.35	12	19.30	1.50	5.8		5	1979.3	37	
		40.32	35.64	31.88	28.33	24.71	20.46	145.1	0.50000	
	17.96	14.83	12.50	10.34	8.58	7.48	6.10	1.202	11	
8:	3.57	4	18.43	0.01	5.9		5	3110.5	32	
		39.59	34.31	30.55	26.82	23.27	19.60	157.7	0.06250	
	16.52	12.89	10.78	8.57	6.78	6.28	5.01	4.228	13	

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	840N	820N ON	815N 840N	810N 11009N	800N 343	790N 4	780N 16:52:46	760N	740N	720N
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1:	90.41	-5	17.90	0.02	23.9		5	628.3	166
		36.90	32.67	29.09	25.52	22.18	18.94	152.2	0.06250
	15.95	13.21	10.85	8.85	7.07	5.60	4.36	1.784	13
2:	40.52	4	19.51	0.04	34.5		5	942.5	111
		40.37	35.70	31.74	27.84	24.24	20.69	165.3	0.06250
	17.39	14.44	11.87	9.57	7.65	6.10	4.76	1.775	13
3:	38.81	6	20.81	0.06	32.9		5	754.0	85
		42.66	37.84	33.69	29.60	25.80	22.04	164.0	0.12500
	18.57	15.38	12.67	10.31	8.32	6.62	5.15	1.682	13
4:	19.30	-3	21.17	0.01	23.0		5	1256.7	71
		42.81	38.07	33.97	29.91	26.12	22.39	167.2	0.12500
	18.92	15.74	13.00	10.56	8.53	6.88	5.44	1.273	13
5:	10.13	-7	20.62	0.05	28.6		5	1885.0	56
		41.70	36.94	32.89	29.00	25.27	21.91	171.8	0.06250
	18.44	15.41	12.67	10.03	7.96	6.12	4.77	3.626	13
6:	9.05	5	20.21	0.57	17.3		5	1508.0	40
		41.70	37.12	33.11	29.13	25.18	21.38	153.9	0.25000
	17.98	14.83	12.27	10.38	8.36	7.01	5.63	1.627	13
7:	4.34	12	20.25	0.47	4.3		5	2513.5	32
		40.15	35.73	31.79	28.12	24.71	21.59	142.6	2.00000
	18.14	15.28	12.89	10.73	9.09	7.42	6.09	1.581	13
8:	2.61	4	20.25	1.64	4.3		5	3770.3	29
		39.65	35.48	31.47	28.08	25.08	21.28	170.1	64.00000
	18.30	15.47	13.10	11.12	9.36	9.17	8.41	8.137	13

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	850N	840N ON	835N 850N	830N 11029N	820N 343	810N 4	800N 16:56:16	780N	760N	740N
1:	197.55		-10	9.55	0.01	33.8		5	188.5	109
		20.36	17.81	15.74	13.75	11.90	10.13	89.8	0.03125	
	8.49	7.03	5.73	4.65	3.69	2.91	2.22	2.223	13	
2:	93.94		-1	14.15	0.00	36.2		5	377.0	103
		29.60	26.09	23.15	20.28	17.63	14.99	121.4	0.06250	
	12.60	10.44	8.56	6.91	5.54	4.37	3.43	1.822	13	
3:	93.18		4	19.11	0.03	25.0		5	377.0	102
		39.52	34.94	31.10	27.28	23.76	20.23	162.3	0.06250	
	17.04	14.15	11.65	9.43	7.56	5.97	4.66	1.802	13	
4:	50.38		-5	22.84	0.00	22.9		5	754.0	111
		46.65	41.41	36.91	32.42	28.34	24.16	179.0	0.12500	
	20.40	16.98	13.99	11.34	9.10	7.23	5.64	1.882	13	
5:	17.71		4	23.05	0.09	20.3		5	1256.7	65
		47.17	42.05	37.43	32.87	28.69	24.39	194.1	0.06250	
	20.57	17.15	14.14	11.43	9.15	7.24	5.63	2.047	13	
6:	15.29		-4	21.35	0.45	18.9		5	1099.6	49
		43.82	38.87	34.69	30.55	26.69	22.56	170.2	0.12500	
	19.10	16.00	13.38	10.85	8.74	7.03	5.41	1.523	13	
7:	5.44		9	20.61	0.79	10.8		5	1979.3	31
		40.29	36.40	32.62	28.53	24.80	21.81	147.6	0.50000	
	18.39	15.46	12.35	10.52	8.39	7.32	5.56	1.972	13	
8:	2.90		7	19.41	0.12	3.1		5	3110.5	26
		39.66	35.14	30.98	27.31	24.01	20.18	141.2	2.00000	
	17.80	15.61	13.65	11.21	9.24	7.51	5.55	3.449	13	

D21_RAW.txt

*	860N	840N ON	835N 860N	830N 11029N	820N 361	810N 4	800N 16:59:41	780N	760N	740N
1:	45.50		-9	20.18	0.03	32.9		5	628.3	79
	18.07	40.56	36.03	32.19	28.49	25.01	21.21	158.9	0.12500	
		15.04	12.40	10.05	8.09	6.38	5.06	1.873		13
2:	28.26		-1	21.69	0.02	36.1		5	942.5	74
	19.34	44.14	39.18	34.90	30.75	26.84	22.96	181.7	0.06250	
		16.09	13.22	10.70	8.52	6.67	5.16	2.585		13
3:	34.94		5	23.57	0.01	25.3		5	754.0	73
	21.06	47.74	42.40	37.83	33.33	29.14	24.93	184.2	0.12500	
		17.53	14.44	11.75	9.42	7.47	5.86	1.794		13
4:	23.31		-6	24.13	0.06	22.5		5	1256.7	81
	21.54	49.01	43.49	38.78	34.16	29.87	25.52	188.7	0.12500	
		17.94	14.83	12.06	9.62	7.64	6.08	1.604		13
5:	9.50		5	22.98	0.23	19.8		5	1885.0	50
	20.57	46.64	41.38	36.90	32.56	28.43	24.28	180.0	0.12500	
		17.11	14.06	11.62	9.25	7.22	5.67	2.099		13
6:	9.31		-4	19.89	0.07	18.6		5	1508.0	39
	17.80	40.58	35.89	32.01	28.31	24.80	21.06	157.1	0.12500	
		14.90	12.30	10.04	7.91	6.15	4.87	2.583		13
7:	3.79		10	18.42	0.08	10.5		5	2513.5	26
	16.55	37.52	32.97	29.33	25.75	22.60	19.28	139.3	0.25000	
		13.54	11.16	9.79	7.59	5.99	5.07	1.864		13
8:	2.23		7	16.53	3.25	2.8		5	3770.3	23
	14.78	33.40	29.60	26.02	23.22	20.50	17.44	121.7	0.50000	
		12.43	10.06	8.77	6.49	4.93	3.93	0.683		6

*	870N	860N ON	855N 870N	850N 11049N	840N 667	830N 4	820N 17:03:06	800N	780N	760N
1:	445.12		-11	15.37	0.01	25.4		5	188.5	126
	13.69	31.24	27.69	24.68	21.75	18.99	16.25	123.2	0.12500	
		11.45	9.46	7.71	6.22	4.93	3.89	1.427		13
2:	218.78		0	17.92	0.00	38.2		5	377.0	124
	16.03	36.25	32.19	28.74	25.29	22.12	18.95	142.5	0.12500	
		13.35	11.02	8.96	7.23	5.75	4.52	1.546		13
3:	206.78		8	21.45	0.01	28.0		5	377.0	117
	19.20	42.72	38.10	34.11	30.14	26.41	22.67	159.4	0.25000	
		16.04	13.26	10.81	8.72	6.94	5.46	1.730		13
4:	62.96		-13	22.93	0.01	15.9		5	754.0	71
	20.53	45.70	40.74	36.46	32.19	28.22	24.23	169.9	0.25000	
		17.16	14.20	11.58	9.34	7.45	5.86	1.625		13
5:	35.20		1	23.69	0.01	15.0		5	1256.7	66
	21.20	47.63	42.39	37.86	33.39	29.22	25.03	185.7	0.12500	
		17.71	14.63	11.93	9.59	7.63	5.96	1.805		13
6:	37.96		5	22.81	0.03	21.0		5	1099.6	63
	20.41	46.07	40.99	36.64	32.25	28.22	24.10	178.8	0.12500	
		17.02	14.07	11.44	9.16	7.24	5.63	2.072		13
7:	12.36		4	18.23	0.27	20.5		5	1979.3	37
	16.27	37.50	33.19	29.70	26.08	22.71	19.25	167.2	0.03125	
		13.54	11.13	8.98	7.10	5.53	4.15	3.419		13

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8:	5.35	3	16.24	0.44	10.9		5	3110.5	25
			34.24	30.44	27.15	23.78	20.43	17.25 140.6	0.06250
	14.27	11.99	10.04	8.02	6.66	5.01	4.12	1.699	13

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	880N	860N ON	855N 880N	850N 11049N	840N 667	830N 4	820N	800N 17:08:50	780N	760N
1:	112.87	-8	22.99	0.01	22.6		6	628.3	106	
			45.61	40.76	36.43	32.30	28.11	24.23 170.2	0.25000	
	20.50	17.28	14.29	11.57	9.35	7.33	6.01	1.594	13	
2:	69.63	-3	23.21	0.04	36.4		6	942.5	98	
			46.08	41.16	36.85	32.54	28.57	24.52 171.8	0.25000	
	20.80	17.35	14.36	11.72	9.47	7.56	5.94	1.584	13	
3:	78.95	10	24.10	0.14	28.4		6	754.0	89	
			47.60	42.55	38.13	33.73	29.61	25.45 177.9	0.25000	
	21.60	18.07	14.95	12.21	9.86	7.85	6.18	1.671	13	
4:	29.81	-14	22.91	0.31	15.5		6	1256.7	56	
			45.69	40.73	36.44	32.17	28.19	24.20 169.4	0.25000	
	20.51	17.14	14.14	11.52	9.30	7.37	5.80	1.873	13	
5:	19.23	2	22.15	0.59	14.8		6	1885.0	54	
			44.19	39.41	35.21	31.10	27.29	23.40 173.9	0.12500	
	19.84	16.54	13.65	11.16	8.97	7.09	5.59	1.969	13	
6:	23.54	4	20.27	1.02	20.6		6	1508.0	53	
			41.15	36.59	32.64	28.71	25.06	21.44 159.9	0.12500	
	18.09	15.06	12.35	10.03	8.06	6.34	5.01	1.597	12	
7:	8.68	4	15.66	2.01	18.2		6	2513.5	33	
			32.49	28.75	25.64	22.47	19.53	16.60 126.8	0.12500	
	13.96	11.63	9.39	7.57	6.04	4.65	3.67	0.676	8	
8:	4.08	5	13.84	3.76	8.9		6	3770.3	23	
			31.99	27.93	23.94	20.92	17.59	14.61		
	12.13	10.88	8.29	6.36	5.27	3.71	3.40		99	

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	880N	860N ON	855N 880N	850N 11049N	840N 667	830N 4	820N	800N 17:11:11	780N	760N
1:	112.88	-7	22.67	0.12	22.5		5	628.3	106	
			45.76	40.54	36.21	31.93	27.99	24.07 178.7	0.12500	
	20.11	16.91	14.37	11.58	9.19	7.36	5.70	2.164	13	
2:	69.64	-4	23.22	0.00	36.5		5	942.5	98	
			45.96	41.09	36.82	32.54	28.54	24.51 172.0	0.25000	
	20.82	17.40	14.38	11.72	9.49	7.58	6.00	1.484	13	
3:	78.96	10	24.12	0.06	28.6		5	754.0	89	
			47.49	42.48	38.10	33.72	29.62	25.47 177.9	0.25000	
	21.62	18.08	14.97	12.22	9.85	7.86	6.18	1.724	13	
4:	29.81	-14	22.95	0.20	15.5		5	1256.7	56	
			45.61	40.72	36.44	32.20	28.22	24.24 170.0	0.25000	
	20.55	17.17	14.18	11.62	9.35	7.46	5.86	1.646	13	
5:	19.24	3	22.24	0.19	14.7		5	1885.0	54	
			44.08	39.40	35.32	31.20	27.40	23.51 174.0	0.12500	
	19.94	16.61	13.69	11.09	8.91	7.12	5.55	2.179	13	
6:	23.55	4	20.53	0.61	20.6		5	1508.0	53	
			41.20	36.78	32.89	29.00	25.39	21.73 161.1	0.12500	
	18.36	15.22	12.54	10.20	8.11	6.51	5.03	2.184	13	

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7:	8.69	4	16.25	1.08	17.9		5	2513.5	33
		32.86	29.29	26.10	23.02	20.14	17.18	128.9	0.12500
	14.50	11.92	9.78	7.93	6.16	5.03	3.73	2.169	11
8:	4.08	5	14.11	2.38	8.5		5	3770.3	23
		32.59	28.15	24.36	21.03	18.25	15.21	163.9	0.00781
	12.33	10.11	8.52	6.87	4.90	4.08	2.47	1.001	7

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	890N	880N ON	875N 890N	870N 11069N	860N 588	850N 4	840N 17:14:37	820N	800N	780N
1:	221.36		-3	17.37	0.02	16.3		5	188.5	71
		35.62	31.59	28.12	24.68	21.53	18.38	147.9	0.06250	
	15.40	12.93	10.62	8.62	6.88	5.42	4.25	1.986	13	
2:	114.48		-3	20.53	0.01	29.1		5	377.0	73
		42.28	37.47	33.29	29.24	25.48	21.75	173.6	0.06250	
	18.32	15.19	12.49	10.13	8.12	6.45	5.03	1.771	13	
3:	90.92		7	20.86	0.03	12.7		5	377.0	58
		42.36	37.61	33.53	29.51	25.78	22.06	164.4	0.12500	
	18.64	15.52	12.80	10.40	8.37	6.64	5.22	1.617	13	
4:	44.32		-15	21.10	0.10	10.6		5	754.0	57
		42.79	37.97	33.83	29.80	26.04	22.32	166.2	0.12500	
	18.86	15.72	12.97	10.56	8.49	6.73	5.28	1.664	13	
5:	25.57		6	20.04	0.22	17.4		5	1256.7	55
		39.42	35.25	31.61	28.04	24.62	21.17	149.4	0.25000	
	17.95	15.00	12.40	10.14	8.19	6.53	5.13	1.741	13	
6:	20.53		-3	18.03	0.37	20.7		5	1099.6	38
		36.11	32.08	28.65	25.35	22.22	19.07	142.8	0.12500	
	16.07	13.43	11.12	9.06	7.27	5.77	4.51	1.961	13	
7:	12.40		12	16.35	0.83	20.9		5	1979.3	42
		33.13	29.28	26.04	23.08	20.14	17.31	130.2	0.12500	
	14.57	12.06	9.98	8.18	6.53	5.18	4.06	1.434	12	
8:	5.18		-5	12.59	0.89	23.3		5	3110.5	27
		27.49	23.54	20.51	18.10	15.80	13.35	117.9	0.03125	
	10.77	9.05	7.45	6.14	4.94	3.82	3.24	1.268	11	

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	900N	880N ON	875N 900N	870N 11069N	860N 588	850N 4	840N 17:18:24	820N	800N	780N
1:	61.60		-4	19.34	0.18	22.2		5	628.3	66
		40.40	35.78	31.89	27.81	23.96	20.52	164.5	0.06250	
	17.29	14.24	11.69	9.59	7.61	6.09	4.71	1.617	13	
2:	40.56		-2	20.66	0.02	27.7		5	942.5	65
		42.95	38.01	33.73	29.58	25.75	21.90	174.2	0.06250	
	18.40	15.24	12.49	10.07	8.07	6.36	4.97	2.031	13	
3:	38.97		7	19.92	0.00	12.3		5	754.0	50
		40.85	36.24	32.25	28.34	24.70	21.08	168.5	0.06250	
	17.76	14.76	12.10	9.82	7.87	6.23	4.86	1.925	13	
4:	23.75		-14	19.63	0.03	10.1		5	1256.7	51
		40.24	35.63	31.75	27.93	24.31	20.78	166.4	0.06250	
	17.53	14.57	11.99	9.74	7.80	6.16	4.80	2.017	13	
5:	15.56		4	18.74	0.08	18.0		5	1885.0	50
		37.42	33.29	29.77	26.37	23.03	19.84	140.2	0.25000	
	16.74	14.03	11.57	9.46	7.62	6.08	4.70	2.021	13	

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6:	14.08	-2	16.73	0.01	21.5		5	1508.0	36
		33.98	30.24	26.97	23.84	20.70	17.68	133.3	0.12500
	14.90	12.46	10.18	8.29	6.72	5.42	4.17	1.580	13
7:	9.50	13	14.85	0.10	19.3		5	2513.5	41
		30.14	27.06	24.10	21.38	18.38	15.72	127.3	0.06250
	13.11	11.01	8.90	7.36	5.97	4.78	3.57	2.311	13
8:	4.24	-5	12.08	0.08	20.8		5	3770.3	27
		27.44	23.92	20.55	17.98	15.17	12.72	139.9	0.00781
	10.55	9.05	6.96	5.79	4.68	3.90	2.81	2.334	13

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	910N	900N ON	895N 910N	890N 11089N	880N 695	870N 4	860N 17:21:57	840N	820N	800N
1:	265.78	-4	6.18	0.04	16.3		5	188.5	72	
		13.04	11.32	10.01	8.82	7.73	6.56	51.1	0.12500	
	5.53	4.59	3.76	3.10	2.46	2.03	1.59	1.016	13	
2:	134.97	-0	7.49	0.02	20.2		5	377.0	73	
		15.50	13.52	12.00	10.55	9.19	7.90	61.5	0.12500	
	6.69	5.59	4.63	3.77	3.04	2.42	1.94	1.011	13	
3:	196.93	2	16.20	0.01	10.7		5	377.0	107	
		33.93	29.90	26.52	23.21	20.17	17.17	138.3	0.06250	
	14.41	11.95	9.80	7.93	6.34	5.00	3.91	1.885	13	
4:	60.77	-11	21.43	0.05	13.7		5	754.0	66	
		44.48	39.36	34.98	30.65	26.68	22.71	195.5	0.03125	
	19.08	15.77	12.91	10.41	8.30	6.55	5.07	2.298	13	
5:	27.01	5	20.58	0.26	16.4		5	1256.7	49	
		42.48	37.63	33.42	29.29	25.54	21.79	174.3	0.06250	
	18.36	15.29	12.59	10.22	8.21	6.41	5.05	1.877	13	
6:	31.16	-3	19.46	0.01	16.6		5	1099.6	49	
		39.65	35.13	31.30	27.53	24.12	20.59	164.4	0.06250	
	17.36	14.46	11.85	9.63	7.66	6.08	4.72	2.225	13	
7:	12.59	4	16.36	0.16	22.7		5	1979.3	36	
		33.75	29.74	26.43	23.26	20.35	17.35	139.0	0.06250	
	14.57	12.26	9.93	8.12	6.37	5.03	3.83	2.875	13	
8:	9.17	3	15.12	0.00	21.9		5	3110.5	41	
		32.92	28.47	24.87	21.82	18.80	16.00	130.8	0.06250	
	13.56	11.01	9.25	7.36	5.85	4.78	3.87	1.281	13	

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	920N	900N ON	895N 920N	890N 11089N	880N 695	870N 4	860N 17:24:39	840N	820N	800N
1:	94.05	-4	8.87	0.07	16.9		5	628.3	85	
		19.28	16.78	14.73	13.49	11.21	9.63	79.9	0.06250	
	8.13	6.61	5.66	4.93	3.60	3.03	2.03	5.087	13	
2:	57.91	-0	10.83	0.02	20.5		5	942.5	79	
		22.47	19.65	17.46	15.29	13.34	11.42	88.0	0.12500	
	9.65	8.04	6.66	5.41	4.37	3.51	2.78	0.805	13	
3:	96.33	2	19.06	0.01	10.4		5	754.0	105	
		39.94	35.24	31.25	27.35	23.76	20.20	175.1	0.03125	
	16.95	14.02	11.47	9.26	7.40	5.81	4.51	2.132	13	
4:	34.30	-11	22.51	0.02	11.3		5	1256.7	62	
		46.79	41.44	36.80	32.24	28.05	23.85	189.4	0.06250	
	20.06	16.61	13.62	11.04	8.88	6.99	5.43	1.887	13	

D21_RAW.txt

5:	16.76	5	20.88	0.07	13.8		5	1885.0	45
	43.43		38.35	34.05	29.80	25.99	22.10	176.5	0.06250
	18.63	15.49	12.73	10.27	8.18	6.46	5.10	1.824	13
6:	21.42	-3	19.14	0.08	16.0		5	1508.0	46
	38.98		34.70	30.85	27.17	23.71	20.25	161.6	0.06250
	17.06	14.17	11.64	9.45	7.56	5.91	4.59	2.381	13
7:	9.56	4	16.01	0.08	21.9		5	2513.5	35
	32.28		28.80	25.46	22.53	19.93	16.89	127.2	0.12500
	14.27	11.87	9.75	7.97	6.41	5.05	3.96	1.953	13
8:	7.50	3	14.69	0.09	20.8		5	3770.3	41
	32.98		28.66	24.81	21.56	18.60	15.58	151.7	0.01563
	13.05	10.68	8.74	7.10	5.73	4.44	3.47	1.327	13

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	930N	920N ON	915N 930N	910N 11109N	900N 764	890N 4	880N 17:27:55	860N	840N	820N
1:	637.30	-11	12.09	0.02	17.4		5	188.5	157	
	25.36		22.25	19.68	17.38	15.05	12.81	104.8	0.06250	
	10.81	9.04	7.29	5.98	4.84	3.80	2.94	1.779	13	
2:	171.28	16	10.97	0.01	28.0		5	377.0	85	
	23.13		20.23	17.92	15.67	13.62	11.62	95.8	0.06250	
	9.79	8.13	6.70	5.45	4.38	3.50	2.79	0.966	13	
3:	141.15	6	11.33	0.01	17.8		5	377.0	70	
	24.05		21.03	18.59	16.24	14.10	12.00	98.3	0.06250	
	10.08	8.37	6.87	5.58	4.45	3.53	2.77	1.459	13	
4:	68.43	-8	13.06	0.00	7.0		5	754.0	68	
	27.15		23.88	21.18	18.58	16.20	13.83	112.9	0.06250	
	11.68	9.74	8.01	6.47	5.22	4.13	3.19	1.825	13	
5:	52.67	-1	21.41	0.02	7.0		5	1256.7	87	
	44.56		39.40	34.98	30.65	26.66	22.69	180.1	0.06250	
	19.05	15.77	12.94	10.44	8.34	6.58	5.15	2.035	13	
6:	32.66	-0	22.14	0.06	7.9		5	1099.6	47	
	46.02		40.72	36.16	31.68	27.55	23.46	186.0	0.06250	
	19.73	16.35	13.38	10.80	8.64	6.81	5.34	2.006	13	
7:	16.13	5	18.80	0.12	14.8		5	1979.3	42	
	40.26		35.25	31.01	27.05	23.51	19.96	173.8	0.03125	
	16.74	13.88	11.40	9.04	7.27	5.76	4.54	1.558	13	
8:	7.99	-4	16.50	0.98	22.4		5	3110.5	33	
	31.02		27.98	25.39	22.96	20.33	17.44	118.3	4.00000	
	14.85	12.67	10.74	8.65	7.53	6.37	5.27	2.266	13	

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	940N	920N ON	915N 940N	910N 11109N	900N 443	890N 4	880N 17:31:48	860N	840N	820N
1:	61.41	-7	13.73	0.27	14.7		5	628.3	87	
	26.88		23.83	21.45	19.00	16.46	14.37	103.2	0.25000	
	12.05	10.46	8.57	7.03	5.84	4.34	3.30	3.613	13	
2:	25.76	14	11.87	1.21	25.4		5	942.5	55	
	26.65		23.26	20.44	17.74	15.04	12.59	137.1	0.00781	
	10.58	8.73	6.78	5.32	4.20	3.03	2.31	1.697	9	
3:	27.84	4	14.01	0.67	17.5		5	754.0	47	
	29.06		25.57	22.69	19.90	17.37	14.83	120.3	0.06250	
	12.52	10.46	8.62	6.85	5.46	4.35	3.46	1.911	13	

D21_RAW.txt

4:	17.15	-8	14.68	0.09	6.4		5	1256.7	49
	30.36		26.76	23.76	20.83	18.15	15.57	135.3	0.03125
	13.05	10.83	8.90	7.21	5.71	4.48	3.30	3.442	13
5:	15.40	-2	21.96	0.07	6.3		5	1885.0	66
	45.45		40.26	35.76	31.37	27.27	23.20	184.9	0.06250
	19.72	16.52	13.63	11.03	8.64	6.62	5.13	3.357	13
6:	11.01	0	20.09	0.95	7.2		5	1508.0	37
	42.44		37.49	33.16	29.00	25.16	21.33	220.5	0.00781
	17.75	14.70	11.63	9.03	6.76	4.56	3.21	4.311	11
7:	6.31	5	17.09	0.30	12.8		5	2513.5	36
	34.48		30.63	27.73	24.20	20.86	18.05	169.3	0.01563
	15.60	13.20	10.27	8.21	6.30	4.94	3.41	6.909	13
8:	3.46	-4	12.59	2.29	20.1		5	3770.3	29
	30.52		26.27	22.74	19.21	16.42	13.50	188.2	0.00195
	10.96	9.36	7.64	6.24	4.35	2.51	1.32	0.556	6

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	950N	940N ON	935N 950N	930N 11129N	920N 443	910N 4	900N 17:35:19	880N	860N	840N
1:	276.76	-17	10.77	0.03	8.1		5	188.5	118	
	23.25		20.31	17.91	15.63	13.52	11.44	101.7	0.03125	
	9.56	7.91	6.44	5.27	4.19	3.30	2.61	1.280	13	
2:	50.87	5	12.70	0.03	15.0		5	377.0	43	
	27.63		24.12	21.22	18.44	15.94	13.48	119.5	0.03125	
	11.28	9.35	7.64	6.25	5.00	3.91	2.97	2.039	13	
3:	60.41	7	14.83	0.07	14.4		5	377.0	51	
	31.88		27.92	24.64	21.47	18.58	15.74	166.0	0.00781	
	13.12	10.72	8.70	6.89	5.46	4.26	3.37	2.591	13	
4:	27.08	3	15.04	0.19	7.3		5	754.0	46	
	31.14		27.52	24.45	21.43	18.71	15.93	128.3	0.06250	
	13.40	11.15	9.15	7.44	5.82	4.62	3.55	2.602	13	
5:	12.15	3	15.36	0.27	6.9		5	1256.7	34	
	31.24		27.52	24.52	21.54	18.88	16.21	117.0	0.25000	
	13.75	11.58	9.60	7.73	6.19	5.07	4.15	1.078	13	
6:	17.29	-5	18.01	0.05	6.9		5	1099.6	43	
	37.45		33.12	29.42	25.76	22.46	19.08	198.4	0.00781	
	16.00	13.23	10.77	8.71	6.67	5.08	3.70	5.339	13	
7:	6.94	11	17.65	0.87	8.4		5	1979.3	31	
	38.63		33.92	29.93	25.98	22.48	18.81	279.9	0.00098	
	15.55	12.62	9.98	7.68	5.68	4.03	3.00	4.877	11	
8:	4.52	-6	16.48	1.72	13.1		5	3110.5	32	
	33.26		29.08	25.90	22.74	20.08	17.38	118.8	1.00000	
	14.80	12.57	10.69	8.95	7.37	6.22	5.25	1.282	10	

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	960N	940N ON	935N 960N	930N 11129N	920N 443	910N 4	900N 17:38:00	880N	860N	840N
1:	52.14	-17	15.36	0.30	8.0		5	628.3	74	
	32.87		28.76	25.56	22.48	19.51	16.46	143.4	0.03125	
	13.70	11.19	9.35	7.71	5.85	4.72	3.54	2.935	13	
2:	15.94	4	15.74	0.10	15.5		5	942.5	34	
	34.37		30.24	26.62	23.09	19.79	16.69	251.2	0.00098	
	13.99	11.51	9.21	7.14	5.38	4.29	3.27	4.578	13	

D21_RAW.txt

3:	25.37	8	17.25	0.24	14.9		5	754.0	43
		36.12	31.85	28.23	24.77	21.50	18.30	138.6	0.12500
	15.28	12.71	10.53	8.67	7.08	5.57	4.40	1.009	13
4:	13.74	3	16.52	0.17	7.1		5	1256.7	39
		33.68	29.81	26.51	23.36	20.33	17.49	139.4	0.06250
	14.75	12.24	9.99	8.05	6.37	5.01	3.88	2.816	13
5:	6.97	3	14.73	0.44	6.6		5	1885.0	30
		31.08	27.41	24.32	21.28	18.50	15.61	114.7	0.25000
	13.12	10.89	9.08	7.59	6.11	5.14	4.11	1.571	13
6:	11.08	-5	17.64	0.19	6.6		5	1508.0	38
		36.64	32.40	28.74	25.28	21.92	18.69	177.1	0.01563
	15.68	12.97	10.65	8.72	6.82	5.16	3.83	4.326	13
7:	4.96	12	17.77	0.81	7.7		5	2513.5	28
		38.12	33.42	29.31	25.69	22.12	18.85	179.0	0.01563
	15.90	12.87	10.39	8.34	6.57	5.26	4.02	2.091	12
8:	3.54	-6	13.77	0.87	12.1		5	3770.3	30
		27.46	24.59	21.96	19.67	16.97	14.58	104.8	0.25000
	12.19	10.28	8.55	6.76	5.46	4.12	3.01	1.785	11

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	970N	960N ON	955N 970N	950N 11149N	940N 443	930N 4	920N 17:40:59	900N	880N	860N
1:	238.34	-19	12.01	0.00	7.6		5	188.5	101	
		25.83	22.55	19.82	17.23	14.89	12.71	122.6	0.01563	
	10.58	8.77	7.19	5.75	4.48	3.59	2.79	2.063	13	
2:	83.43	18	14.75	0.00	20.8		5	377.0	71	
		31.91	27.89	24.66	21.40	18.51	15.65	139.4	0.03125	
	13.14	10.91	8.99	7.36	5.93	4.66	3.64	1.258	13	
3:	77.08	-4	16.78	0.12	16.7		5	377.0	66	
		35.78	31.40	27.74	24.21	20.98	17.80	155.3	0.03125	
	14.92	12.33	10.09	8.16	6.49	5.08	3.94	2.092	13	
4:	29.61	-17	18.38	0.11	5.5		5	754.0	50	
		38.08	33.72	29.98	26.29	22.85	19.47	168.3	0.03125	
	16.36	13.53	11.05	8.93	7.12	5.56	4.23	2.802	13	
5:	13.60	6	17.99	0.25	5.7		5	1256.7	39	
		37.66	33.27	29.52	25.84	22.51	19.08	180.9	0.01563	
	16.02	13.23	10.76	8.68	6.93	5.36	4.00	3.449	13	
6:	12.43	12	16.03	0.12	7.6		5	1099.6	31	
		33.07	29.39	26.19	23.05	20.09	17.00	147.2	0.03125	
	14.29	11.57	9.24	7.56	5.90	5.12	3.86	2.715	13	
7:	7.68	8	16.16	2.08	6.8		5	1979.3	34	
		33.65	29.58	26.03	22.76	19.76	17.02	120.3	0.50000	
	14.31	12.26	10.68	9.03	7.49	5.00	3.61	1.946	9	
8:	3.76	-4	14.52	0.58	6.7		5	3110.5	26	
		32.79	28.78	25.09	21.87	18.55	15.45	304.5	0.00024	
	12.66	10.13	7.73	6.01	4.72	2.78	1.58	4.537	11	

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	980N	960N ON	955N 980N	950N 11149N	940N 443	930N 4	920N 17:43:44	900N	880N	860N
1:	44.64	-9	15.35	1.52	12.5		6	628.3	63	
		32.78	28.84	25.34	21.89	19.31	16.21	142.8	0.03125	
	13.71	11.13	8.90	6.85	5.37	3.91	3.06	1.551	9	

D21_RAW.txt

2:	27.18	9	19.84	2.26	22.5		6	942.5	58
	17.81	40.45	35.88	31.81	27.85	24.35	20.92	150.1	0.25000
		14.94	12.40	10.27	8.57	7.06	5.57	0.548	9
3:	34.66	-4	18.69	0.17	17.4		6	754.0	59
	16.54	39.20	34.54	30.62	26.80	23.29	19.82	159.3	0.06250
		13.61	11.30	9.21	7.45	5.85	4.65	1.103	13
4:	16.14	-18	21.15	2.25	5.4		6	1256.7	46
	19.27	40.21	36.92	33.08	29.31	25.77	22.29	147.9	1.00000
		16.46	12.47	9.20	7.34	5.41	4.30	2.765	9
5:	8.24	6	19.15	0.90	5.5		6	1885.0	35
	17.16	38.09	34.10	30.36	26.80	23.47	20.24	143.3	0.25000
		14.43	11.74	9.46	7.89	6.33	4.89	1.649	13
6:	8.21	12	16.94	2.78	7.4		6	1508.0	28
	15.36	29.66	28.78	25.93	23.18	20.47	17.86	127.6	16.00000
		13.05	10.27	8.33	7.27	5.87	2.81	2.013	7
7:	5.65	9	13.33	1.32	6.5		6	2513.5	32
	11.79	32.02	26.87	23.56	19.92	16.92	14.12	220.0	0.00098
		9.51	7.33	6.24	5.75	5.03	5.48	1.772	9
8:	2.98	-5	18.41	4.64	6.3		6	3770.3	25
	16.83	30.57	30.25	27.82	25.16	22.18	19.35		
		14.02	11.27	8.70	7.72	5.98	3.31		99