

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

Job #: 19 Date: 08/09/12
 Operator: D19 Serial #: 19
 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 1019N	10S 640	20S 4	30S 11:24:05	50S	70S	90S
1:	35.25 1.59	1 4.54 1.27	1.81 3.63 1.05	0.11 3.01 0.81	3.3 2.68 0.61	2.34 0.47	5 1.91 0.32	188.5 39.9 3.332	10 0.00024 11
2:	17.86 2.03	-4 5.48 1.72	2.33 4.51 1.40	0.12 3.92 1.12	5.2 3.39 0.91	2.92 0.73	5 2.48 0.56	377.0 24.9 1.447	11 0.01563 12
* 30N	20N ON	15N 30N	10N 10209N	0N 640	10S 4	20S 11:26:53	40S	60S	80S
1:	32.91 1.44	6 3.79 1.18	1.54 3.02 0.80	0.15 2.50 0.91	2.9 2.37 0.74	2.05 0.38	5 1.66 0.21	188.5 15.6 8.676	10 0.03125 10
2:	20.07 1.93	-9 5.36 1.60	2.22 4.41 1.27	0.01 3.84 1.04	4.9 3.29 0.84	2.82 0.66	5 2.36 0.51	377.0 33.1 1.085	12 0.00195 13
3:	22.89 2.40	1 6.86 1.96	2.68 5.65 1.54	0.02 4.86 1.22	4.8 4.10 1.02	3.54 0.78	5 2.86 0.63	377.0 61.2 1.458	13 0.00024 13
* 40N	20N ON	15N 40N	10N 10209N	0N 640	10S 4	20S 11:29:42	40S	60S	80S
1:	12.87 1.99	6 6.94 1.38	2.91 5.78 0.92	0.00 5.36 0.70	2.5 4.67 0.65	3.44 -0.05	5 3.01 -0.13	628.3	13 98
2:	9.88 3.20	-9 7.30 2.71	3.03 6.03 2.35	0.38 5.18 1.91	4.5 4.47 1.62	3.83 1.35	5 3.20 0.63	942.5 25.5 6.860	15 2.00000 10
3:	13.17 3.08	1 9.10 2.47	3.69 7.56 1.98	0.02 6.38 1.56	4.4 5.52 1.17	4.65 0.84	5 3.94 0.86	754.0 78.4 7.093	16 0.00024 13
* 50N	40N ON	35N 50N	30N 10229N	20N 777	10N 4	0N 11:32:47	20S	40S	60S
1:	38.80 1.60	2 4.24 1.42	1.36 2.83 1.09	0.17 2.93 0.59	2.3 2.02 1.42	2.36 0.40	5 1.68 -0.17	188.5	9 98

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2:	23.37	-4	2.11	0.02	4.7		5	377.0	11
		5.07	4.18	3.58	3.13	2.67	2.23	28.1	0.00391
	1.88	1.52	1.27	1.04	0.80	0.58	0.53	3.511	13
3:	26.69	-3	2.65	0.03	7.0		5	377.0	13
		6.55	5.39	4.61	3.96	3.35	2.82	32.2	0.00781
	2.37	1.98	1.64	1.30	1.06	0.84	0.68	1.947	13
4:	15.45	-2	3.73	0.01	5.0		5	754.0	15
		8.90	7.42	6.36	5.50	4.68	3.96	37.1	0.03125
	3.34	2.73	2.22	1.84	1.53	1.27	0.99	2.823	13
5:	10.18	4	4.61	0.05	2.3		5	1256.7	16
		11.11	9.24	7.84	6.80	5.75	4.87	42.8	0.06250
	4.16	3.41	2.82	2.31	1.90	1.60	1.37	4.540	13

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	60N	40N ON	35N 60N	30N 10229N	20N 967	10N 4	ON 11:35:29	20S	40S	60S
1:	19.54		3	2.32	6.65	2.2		5	628.3	13
		11.14	6.43	3.16	5.42	2.49	3.48			
	-0.12	4.07	2.32	7.34	0.08	1.73	-0.01			99
2:	14.55	-4	2.85	0.28	4.6		5	942.5	14	
		6.83	5.73	5.03	4.18	3.73	2.98	42.6	0.00195	
	2.65	2.00	1.61	1.08	1.12	0.84	0.68	2.834	9	
3:	19.17	-3	3.51	0.08	6.6		5	754.0	15	
		8.76	7.20	6.13	5.24	4.48	3.75	60.3	0.00098	
	3.12	2.64	2.09	1.75	1.31	1.05	0.77	2.992	13	
4:	12.48	-2	4.47	0.00	4.6		5	1256.7	16	
		10.75	8.90	7.68	6.56	5.63	4.75	66.0	0.00195	
	4.01	3.19	2.61	2.10	1.60	1.34	1.02	1.892	13	
5:	8.86	4	5.22	0.03	2.2		5	1885.0	17	
		12.87	10.69	9.12	7.76	6.64	5.57	78.1	0.00195	
	4.67	3.81	3.04	2.51	1.96	1.59	1.18	1.744	13	

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	70N	60N ON	55N 70N	50N 10249N	40N 967	30N 4	20N 11:39:00	ON	20S	40S
1:	51.10		1	2.16	0.76	3.4		5	188.5	10
		2.81	3.64	3.34	1.35	0.90	2.40			
	0.69	1.20	0.40	-0.31	2.30	1.58	3.23			99
2:	27.46	-6	2.08	0.05	6.0		5	377.0	11	
		5.15	4.12	3.54	3.16	2.71	2.21	44.7	0.00024	
	1.89	1.54	1.31	1.05	0.70	0.51	0.28	16.412	13	
3:	35.22	1	2.60	0.06	4.7		5	377.0	14	
		6.34	5.21	4.50	3.84	3.30	2.77	34.6	0.00391	
	2.29	1.90	1.54	1.22	0.98	0.78	0.62	1.192	13	
4:	19.49	-0	3.50	0.02	2.4		5	754.0	15	
		8.45	7.02	6.05	5.17	4.41	3.71	46.4	0.00391	
	3.08	2.54	2.07	1.62	1.33	1.03	0.87	1.833	13	
5:	12.33	0	4.25	0.03	2.7		5	1256.7	16	
		10.53	8.70	7.48	6.36	5.44	4.51	72.2	0.00098	
	3.76	3.10	2.47	1.96	1.60	1.28	0.95	1.699	13	

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	80N	60N ON	55N 80N	50N 10249N	40N 967	30N 4	20N 11:41:46	ON	20S	40S
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1:	20.38	1	-3.58	5.69	3.1		5	628.3	13
		5.82	10.82	2.74	4.63	-5.71	-6.42		
	-0.81	6.63	1.36	-2.47	1.05	1.95	1.73		99
2:	13.58	-6	3.43	0.19	5.7		5	942.5	13
		7.51	5.96	5.37	4.58	4.34	3.72	37.6	0.00781
	2.85	2.05	1.76	1.59	1.28	0.88	0.76	6.430	11
3:	19.95	1	3.54	0.00	4.6		5	754.0	16
		8.61	7.17	6.15	5.25	4.47	3.71	47.3	0.00391
	3.11	2.62	2.13	1.72	1.37	1.09	0.84	1.398	13
4:	12.41	-0	4.45	0.03	2.1		5	1256.7	16
		10.75	9.03	7.77	6.60	5.56	4.65	48.5	0.01563
	3.98	3.37	2.73	2.17	1.77	1.45	1.15	2.211	13
5:	8.45	0	5.33	0.11	2.5		5	1885.0	16
		12.69	10.54	9.12	7.79	6.67	5.63	63.3	0.00781
	4.72	3.94	3.22	2.63	2.09	1.64	1.31	1.527	13

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	90N	80N 0N	75N 90N	70N 10269N	60N 967	50N 4	40N 11:44:43	20N	0N	20S
1:	49.09	2	1.46	0.13	1.7		5	188.5	10	
		5.68	4.68	3.71	2.79	2.54	2.28	17.2	4.00000	
	0.89	1.77	1.91	0.54	1.11	1.01	0.76	32.826	12	
2:	31.03	-7	2.43	0.10	3.3		5	377.0	12	
		5.57	4.59	3.94	3.47	2.89	2.50	31.0	0.00391	
	2.20	1.68	1.37	1.17	0.87	0.68	0.56	3.039	13	
3:	34.69	-1	2.88	0.02	3.5		5	377.0	14	
		6.99	5.79	5.03	4.25	3.67	3.08	38.5	0.00391	
	2.53	2.13	1.74	1.38	1.11	0.87	0.68	1.394	13	
4:	19.84	-3	3.74	0.08	2.6		5	754.0	15	
		8.93	7.45	6.49	5.49	4.68	4.02	44.5	0.00781	
	3.25	2.77	2.25	1.81	1.41	1.16	0.94	1.725	13	
5:	13.06	5	4.50	0.06	2.8		5	1256.7	17	
		10.74	9.01	7.82	6.65	5.69	4.80	66.8	0.00195	
	3.99	3.29	2.66	2.16	1.69	1.25	1.06	2.365	13	
6:	14.90	-2	5.70	0.12	2.4		5	1099.6	17	
		13.41	11.22	9.66	8.37	7.28	6.11	74.5	0.00391	
	5.04	4.21	3.43	2.72	2.06	1.64	1.33	2.406	13	
7:	8.63	-2	6.71	0.08	7.4		5	1979.3	18	
		17.07	14.27	12.32	10.36	8.66	7.35	150.9	0.00024	
	5.81	5.00	3.92	3.24	2.40	1.84	1.50	2.887	13	

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	100N	80N 0N	75N 100N	70N 10269N	60N 967	50N 4	40N 11:47:38	20N	0N	20S
1:	19.20	2	0.25	3.48	1.5		5	628.3	12	
		3.51	1.80	6.27	8.56	-1.05	-1.61			
	0.67	2.29	5.57	-1.57	8.15	-2.76	-2.13		99	
2:	15.60	-7	3.49	0.20	3.3		5	942.5	15	
		8.19	6.96	5.70	4.67	4.51	3.75	44.6	0.00391	
	2.97	2.32	1.68	1.71	0.79	1.11	0.78	7.272	11	
3:	20.38	-1	3.80	0.11	3.4		5	754.0	16	
		9.25	7.66	6.77	5.92	4.79	4.03	46.4	0.00781	
	3.44	2.94	2.47	1.79	1.73	1.14	0.90	5.338	13	

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4:	13.02	-3	4.58	0.07	2.3		5	1256.7	17
		10.95	9.17	8.15	7.13	5.83	4.85	68.8	0.00195
	4.05	3.37	2.96	2.07	1.97	1.31	0.95	6.408	13
5:	9.16	5	5.46	0.07	2.5		5	1885.0	18
		12.92	10.85	9.27	8.02	6.88	5.82	53.9	0.03125
	4.88	4.02	3.44	2.81	2.21	1.74	1.40	2.027	13
6:	11.14	-2	6.27	0.13	2.3		5	1508.0	17
		14.90	12.48	10.78	9.52	7.84	6.63	93.2	0.00195
	5.58	4.58	3.85	2.95	2.54	1.86	1.35	3.855	13
7:	6.85	-2	7.45	0.27	6.6		5	2513.5	18
		18.24	15.28	13.15	11.31	9.65	7.99	112.2	0.00195
	6.63	5.56	4.58	3.63	2.80	2.28	1.70	2.016	13

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	110N	100N ON	95N 110N	90N 10289N	80N 967	70N 4	60N 11:50:31	40N	20N	0N
1:	48.44	2	3.58	0.69	2.9		5	188.5	9	
		5.89	4.85	3.79	2.68	2.29	3.52			
	1.32	1.60	1.51	1.38	1.11	1.20	0.92		99	
2:	28.90	-7	2.39	0.09	5.1		5	377.0	11	
		5.81	4.85	4.27	3.67	3.20	2.57	36.6	0.00195	
	2.20	1.78	1.48	1.16	0.90	0.68	0.58	2.598	13	
3:	31.74	2	3.18	0.03	4.3		5	377.0	12	
		7.74	6.45	5.56	4.76	4.06	3.38	54.2	0.00098	
	2.83	2.32	1.88	1.49	1.19	0.93	0.73	1.230	13	
4:	19.74	-4	4.13	0.08	1.7		5	754.0	15	
		9.83	8.22	7.11	6.05	5.16	4.38	54.0	0.00391	
	3.54	2.95	2.40	1.93	1.57	1.27	0.95	1.445	13	
5:	13.13	2	4.84	0.02	1.9		5	1256.7	17	
		11.55	9.70	8.40	7.15	6.12	5.12	63.7	0.00391	
	4.26	3.46	2.84	2.26	1.79	1.45	1.19	1.372	13	
6:	15.51	-1	5.79	0.07	1.7		5	1099.6	18	
		13.56	11.40	10.00	8.43	7.18	6.13	61.4	0.01563	
	5.00	4.15	3.40	2.76	2.32	1.81	1.45	1.826	13	
7:	8.47	-4	6.45	0.07	5.9		5	1979.3	17	
		15.63	13.27	11.35	9.58	8.17	6.79	137.5	0.00024	
	5.75	4.43	3.56	2.75	2.15	1.65	1.28	4.722	13	
8:	5.49	3	8.19	0.51	7.1		5	3110.5	18	
		18.52	15.63	13.33	11.35	9.77	8.54	63.4	0.50000	
	7.14	5.94	5.09	4.25	3.49	3.17	2.67	6.608	13	

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	120N	100N ON	95N 120N	90N 10289N	80N 967	70N 4	60N 11:53:15	40N	20N	0N
1:	19.21	2	2.97	5.44	2.7		5	628.3	12	
		8.35	8.78	10.43	3.22	3.70	3.05			
	0.78	2.81	1.46	1.59	0.18	-1.49	-1.81		99	
2:	14.43	-7	3.58	0.35	5.1		5	942.5	14	
		8.55	7.08	5.95	5.39	4.56	3.81	42.5	0.00781	
	3.26	2.56	2.12	1.63	1.40	1.20	0.98	2.198	9	
3:	18.42	2	4.31	0.00	4.2		5	754.0	14	
		10.36	8.69	7.53	6.44	5.49	4.58	64.3	0.00195	
	3.79	3.13	2.56	2.04	1.61	1.28	0.99	0.968	13	

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4:	12.89	-4	4.97	0.16	1.6		5	1256.7	17
		11.99	10.21	9.00	7.43	6.29	5.29	109.8	0.00024
	4.35	3.62	2.89	2.28	1.82	1.36	1.05	2.785	13
5:	9.17	2	5.66	0.04	1.8		5	1885.0	18
		13.56	11.39	9.90	8.40	7.21	6.03	75.3	0.00391
	5.03	4.15	3.45	2.70	2.12	1.77	1.38	1.418	13
6:	11.53	-1	6.49	0.25	1.6		5	1508.0	18
		15.30	13.10	11.57	9.59	8.19	6.88	85.6	0.00391
	5.78	4.76	3.94	3.15	2.46	1.92	1.48	1.933	13
7:	6.69	-4	7.32	0.08	5.4		5	2513.5	17
		17.40	14.71	12.86	10.73	9.38	7.81	96.7	0.00391
	6.54	5.36	4.41	3.34	2.75	2.16	1.88	2.716	13
8:	4.52	3	8.21	0.24	6.4		5	3770.3	18
		19.18	16.52	14.79	11.91	10.04	8.70	135.8	0.00098
	7.27	5.93	4.94	3.80	2.83	2.30	1.84	3.160	13

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	130N	120N ON	115N 130N	110N 10309N	100N 967	90N 4	80N 11:56:08	60N	40N	20N
1:	45.85		5	2.00	0.70	3.5		5	188.5	9
		5.04	4.38	4.44	3.20	2.88	2.24			
	0.90	2.19	1.56	1.43	1.17	0.81	0.79			99
2:	29.55	-7	2.92	0.06	4.3		5	377.0	12	
		6.72	5.58	4.88	4.18	3.65	3.09	37.8	0.00391	
	2.63	2.09	1.70	1.33	1.05	0.86	0.68	2.193	13	
3:	33.26	-0	3.65	0.03	4.0		5	377.0	13	
		8.75	7.32	6.37	5.45	4.66	3.89	80.3	0.00024	
	3.26	2.66	2.16	1.69	1.32	1.00	0.73	4.247	13	
4:	19.27	-4	4.66	0.06	2.4		5	754.0	15	
		10.81	9.16	8.11	6.86	5.90	4.95	54.9	0.00781	
	4.12	3.50	2.78	2.21	1.75	1.39	1.13	1.576	13	
5:	11.84	6	5.24	0.04	2.3		5	1256.7	15	
		12.63	10.61	9.30	8.01	6.82	5.62	79.3	0.00195	
	4.69	3.78	3.23	2.56	2.08	1.61	1.16	2.841	13	
6:	15.48	-4	6.38	0.02	1.6		5	1099.6	18	
		14.63	12.46	11.09	9.38	8.09	6.78	106.0	0.00098	
	5.81	4.80	3.90	2.99	2.37	1.73	1.30	5.233	13	
7:	8.78	-1	7.16	0.03	3.0		5	1979.3	18	
		16.85	14.26	12.62	10.91	9.32	7.66	71.6	0.03125	
	6.59	5.25	4.58	3.66	2.99	2.36	1.87	1.700	13	
8:	5.34	-3	7.85	0.62	9.3		5	3110.5	17	
		19.55	16.41	14.93	11.84	10.70	8.35	136.5	0.00098	
	7.48	5.83	4.88	3.46	2.85	1.83	1.42	4.236	10	

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	140N	120N ON	115N 140N	110N 10309N	100N 967	90N 4	80N 11:58:57	60N	40N	20N
1:	18.43		5	3.29	1.81	3.3		5	628.3	12
		10.29	8.60	6.37	3.73	5.20	3.77			
	4.25	4.10	2.05	1.46	1.56	0.41	0.41			99
2:	14.83	-7	3.99	0.05	4.3		5	942.5	14	
		9.40	7.88	6.86	5.97	5.02	4.23	46.9	0.00781	
	3.42	2.78	2.34	1.91	1.47	1.25	0.99	2.114	13	

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3:	19.46	-0	4.69	0.03	4.0		5	754.0	15
		11.19	9.41	8.16	6.92	5.95	4.97	69.6	0.00195
	4.15	3.39	2.75	2.18	1.76	1.38	1.09	0.836	13
4:	12.59	-4	5.45	0.26	2.2		5	1256.7	16
		12.88	10.88	9.48	8.07	6.93	5.80	72.3	0.00391
	4.87	4.03	3.26	2.61	2.13	1.60	1.32	1.527	13
5:	8.26	6	5.92	0.04	2.1		5	1885.0	16
		14.13	11.93	10.38	8.76	7.55	6.29	87.7	0.00195
	5.24	4.31	3.45	2.69	2.22	1.74	1.39	1.198	13
6:	11.51	-4	6.84	0.30	1.5		5	1508.0	18
		15.94	13.50	11.69	9.95	8.73	7.25	73.2	0.01563
	6.18	5.10	4.20	3.29	2.81	2.13	1.68	1.752	13
7:	6.92	-0	7.57	0.04	2.5		5	2513.5	18
		17.59	14.73	12.69	10.95	9.59	8.06	87.6	0.00781
	6.78	5.46	4.53	3.49	2.86	2.23	1.77	1.868	13
8:	4.38	-3	8.60	0.39	8.4		5	3770.3	17
		19.76	16.68	14.46	12.15	10.77	9.04	72.7	0.12500
	7.68	6.37	5.41	4.24	3.77	2.86	2.47	3.604	13

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	150N	140N ON	135N 150N	130N 10329N	120N 967	110N 4	100N 12:03:27	80N	60N	40N
1:	53.73	4	2.24	0.43	1.7		5	188.5	10	
		4.24	3.70	2.68	2.64	2.67	2.57	21.8	128.00000	
	1.38	0.70	1.30	1.35	1.08	0.78	0.45	11.197	6	
2:	26.91	-6	2.63	0.02	4.3		5	377.0	10	
		6.38	5.30	4.58	3.90	3.34	2.81	35.1	0.00391	
	2.34	1.96	1.56	1.24	1.00	0.80	0.62	1.313	13	
3:	35.21	-2	3.49	0.00	4.8		5	377.0	14	
		8.42	7.01	6.03	5.14	4.41	3.71	46.2	0.00391	
	3.08	2.54	2.05	1.65	1.32	1.05	0.83	0.939	13	
4:	19.13	-0	4.64	0.08	2.1		5	754.0	15	
		11.10	9.30	8.03	6.81	5.89	4.95	68.8	0.00195	
	4.08	3.35	2.72	2.23	1.72	1.38	1.06	1.374	13	
5:	12.67	3	5.52	0.04	2.2		5	1256.7	16	
		13.14	10.99	9.54	8.09	6.97	5.88	72.9	0.00391	
	4.84	4.05	3.22	2.65	2.14	1.72	1.30	1.424	13	
6:	14.67	-0	6.36	0.17	1.8		5	1099.6	17	
		14.82	12.44	10.75	9.11	7.97	6.77	67.3	0.01563	
	5.53	4.64	3.73	3.18	2.41	2.00	1.59	1.849	13	
7:	8.81	-5	7.09	0.28	4.5		5	1979.3	18	
		16.61	13.85	12.05	10.05	8.71	7.54	69.2	0.03125	
	6.22	5.36	4.23	3.69	2.93	2.29	1.80	2.718	13	
8:	5.56	2	8.01	0.29	5.2		5	3110.5	18	
		18.54	15.52	13.37	11.17	9.93	8.56	71.8	0.06250	
	6.86	5.83	4.85	4.22	3.19	2.73	2.13	3.394	13	

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	160N	140N ON	135N 160N	130N 10329N	120N 967	110N 4	100N 12:06:24	80N	60N	40N
1:	20.76	4	0.23	2.14	1.6		5	628.3	13	
		3.52	4.59	2.62	5.61	5.25	2.41			
	0.47	0.21	1.66	1.10	1.28	0.20	0.55		99	

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2:	13.28	-6	3.82	0.09	4.3		5	942.5	13
		9.24	7.64	6.61	5.63	4.68	4.04	72.6	0.00049
	3.36	2.75	2.18	1.69	1.35	1.02	0.90	3.099	13
3:	20.15	-2	4.63	0.04	4.7		5	754.0	16
		11.04	9.25	7.97	6.80	5.80	4.90	60.9	0.00391
	4.12	3.35	2.71	2.17	1.78	1.38	1.10	0.966	13
4:	12.32	-0	5.45	0.01	2.0		5	1256.7	16
		13.03	11.02	9.48	8.22	6.97	5.82	72.7	0.00391
	4.86	4.00	3.30	2.60	2.13	1.68	1.30	1.002	13
5:	8.77	3	6.20	0.02	2.1		5	1885.0	17
		14.76	12.43	10.70	9.22	7.87	6.60	91.7	0.00195
	5.53	4.48	3.60	2.89	2.29	1.84	1.46	1.051	13
6:	10.84	-0	6.69	0.14	1.7		5	1508.0	17
		15.84	13.44	11.54	10.04	8.53	7.16	79.2	0.00781
	5.90	4.81	4.04	3.21	2.58	2.06	1.65	0.887	13
7:	6.93	-5	7.41	0.00	4.3		5	2513.5	18
		17.54	14.70	12.59	10.80	9.30	7.82	79.1	0.01563
	6.59	5.48	4.45	3.52	2.95	2.35	1.91	1.903	13
8:	4.55	2	7.72	0.67	4.9		5	3770.3	18
		18.71	15.54	13.37	10.90	9.51	8.03	90.9	0.00781
	6.87	5.71	4.69	3.78	3.14	2.35	1.76	2.727	10

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	170N	160N ON	155N 170N	150N 10349N	140N 967	130N 4	120N 12:09:28	100N	80N	60N
1:	50.33		-5	2.59	0.69	4.0		5	188.5	10
			6.60	8.13	6.55	5.24	0.89	1.93		
	4.15		1.58	0.27	0.39	-2.06	-1.38	-1.28		98
2:	30.67		6	2.42	0.02	4.6		5	377.0	12
			5.86	4.70	4.09	3.52	3.19	2.62	26.3	0.01563
	2.03		1.79	1.46	1.14	1.03	0.78	0.61	3.821	13
3:	33.27		-6	3.41	0.02	4.0		5	377.0	13
			8.12	6.82	5.90	5.04	4.28	3.61	40.4	0.00781
	3.04		2.48	2.03	1.64	1.28	1.05	0.83	1.233	13
4:	19.73		-3	4.35	0.06	3.3		5	754.0	15
			10.44	8.76	7.55	6.50	5.55	4.63	83.5	0.00049
	3.84		3.20	2.55	2.01	1.56	1.25	0.93	2.580	13
5:	13.02		2	5.42	0.02	2.1		5	1256.7	17
			12.75	10.79	9.27	7.97	6.87	5.79	63.8	0.00781
	4.75		3.95	3.24	2.58	2.04	1.67	1.31	1.036	13
6:	14.98		-0	6.44	0.01	1.9		5	1099.6	17
			15.22	12.98	11.23	9.59	8.06	6.80	107.8	0.00098
	5.80		4.77	3.73	3.01	2.27	1.90	1.44	2.392	13
7:	8.34		-2	7.32	0.05	7.0		5	1979.3	17
			16.86	14.35	12.53	10.82	9.19	7.76	77.4	0.01563
	6.36		5.34	4.48	3.48	2.74	2.32	1.82	1.694	13
8:	5.59		-0	7.13	0.24	9.5		5	3110.5	18
			17.85	15.31	12.96	10.98	9.16	7.60	160.5	0.00024
	6.42		5.68	4.40	3.42	2.35	2.15	1.45	6.091	13

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	180N	160N ON	155N 180N	150N 10349N	140N 967	130N 4	120N 12:12:07	100N	80N	60N
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1:	20.04	-5	10.30	1.54	4.0		5	628.3	13
	10.48	11.74	16.13	12.10	4.53	4.79			
	14.09	9.70	-2.20	8.03	3.83	5.63	2.26		98
2:	15.26	5	3.13	0.13	4.3		5	942.5	15
	8.25	6.74	5.60	4.89	4.36	3.60	71.8	0.00024	
	2.51	2.24	2.25	1.35	1.17	0.80	0.74	8.807	13
3:	19.25	-6	4.40	0.02	3.4		5	754.0	15
	10.54	8.80	7.65	6.55	5.53	4.62	58.3	0.00391	
	3.98	3.26	2.52	2.21	1.67	1.32	1.02	2.318	13
4:	12.80	-3	5.32	0.11	2.9		5	1256.7	17
	12.42	10.50	9.08	7.77	6.71	5.66	69.6	0.00391	
	4.70	3.81	3.10	2.56	2.03	1.58	1.24	1.158	13
5:	9.06	2	6.14	0.05	2.0		5	1885.0	18
	14.34	12.11	10.54	8.98	7.72	6.59	65.8	0.01563	
	5.39	4.44	3.74	3.09	2.46	1.90	1.57	1.716	13
6:	11.15	-0	7.32	0.05	1.8		5	1508.0	17
	16.62	13.99	12.17	10.59	9.04	7.72	70.5	0.03125	
	6.65	5.40	4.21	3.78	2.89	2.34	1.82	2.361	13
7:	6.59	-2	7.71	0.35	5.9		5	2513.5	17
	17.84	15.05	13.08	11.20	9.76	8.34	75.3	0.03125	
	6.75	5.46	4.79	4.08	3.20	2.32	2.01	3.360	13
8:	4.60	-0	8.76	0.23	7.9		5	3770.3	18
	19.28	15.99	13.79	12.34	10.61	9.10	72.2	0.12500	
	8.17	6.19	5.17	4.64	3.56	2.93	2.36	3.409	13

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	190N	180N ON	175N 190N	170N 10369N	160N 967	150N 4	140N 12:15:00	120N	100N	80N
1:	52.81	-3	2.36	1.12	5.2		5	188.5	10	
	3.15	3.22	2.66	2.12	0.75	3.09				
	1.14	1.53	0.64	0.81	1.05	-0.22	-0.08		99	
2:	30.58	5	2.35	0.15	3.8		5	377.0	12	
	6.05	4.89	4.25	3.68	3.34	2.42	32.7	0.00391		
	2.25	1.70	1.49	1.15	0.81	0.86	0.59	7.274	12	
3:	36.41	-5	3.18	0.08	2.0		5	377.0	14	
	7.41	6.24	5.38	4.60	3.82	3.42	46.4	0.00195		
	2.73	2.28	1.82	1.48	1.24	0.90	0.69	2.933	13	
4:	20.04	-4	4.32	0.05	2.5		5	754.0	16	
	9.93	8.38	7.30	6.23	5.32	4.58	50.3	0.00781		
	3.78	3.10	2.53	2.08	1.67	1.31	1.01	1.178	13	
5:	12.37	2	5.17	0.01	2.5		5	1256.7	16	
	12.43	10.44	9.00	7.71	6.63	5.50	61.7	0.00781		
	4.62	3.76	3.11	2.52	1.97	1.61	1.29	1.221	13	
6:	15.41	-3	6.39	0.04	2.2		5	1099.6	18	
	14.48	12.27	10.67	9.17	7.76	6.73	81.7	0.00391		
	5.56	4.50	3.69	3.04	2.38	1.88	1.43	1.862	13	
7:	8.53	-0	7.41	0.00	3.7		5	1979.3	17	
	17.20	14.57	12.65	10.92	9.48	7.85	87.4	0.00781		
	6.62	5.45	4.60	3.80	2.97	2.20	1.70	3.216	13	
8:	5.31	-0	7.60	0.00	7.9		5	3110.5	17	
	18.79	15.75	13.63	11.54	10.12	8.02	102.8	0.00391		
	6.53	5.63	4.92	4.02	2.99	2.24	1.83	3.885	13	

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*	200N	180N ON	175N 200N	170N 10369N	160N 870	150N 4	140N 12:17:46	120N	100N	80N
1:	19.06	-4	1.19	2.03	5.0		5	628.3	14	
	-0.95	9.82	6.94	2.32	-1.61	-3.00	1.48			
		0.02	1.05	-0.80	0.59	-1.74	1.39			99
2:	13.60	5	3.71	0.38	3.7		5	942.5	15	
		7.84	6.69	6.14	5.77	5.19	3.91	31.7	0.12500	
	3.50	2.81	2.13	1.78	1.32	1.31	0.70	5.541	9	
3:	18.67	-5	3.91	0.15	1.9		5	754.0	16	
		9.95	8.19	6.91	5.64	4.74	4.18	85.9	0.00024	
	3.34	2.75	2.30	1.72	1.43	0.99	0.92	4.371	13	
4:	11.55	-4	5.11	0.08	2.3		5	1256.7	17	
		12.27	10.34	8.82	7.44	6.42	5.50	50.8	0.03125	
	4.55	3.82	3.08	2.57	2.11	1.63	1.40	2.929	13	
5:	7.69	2	5.86	0.08	2.2		5	1885.0	17	
		14.10	11.84	10.22	8.83	7.62	6.28	87.8	0.00195	
	5.11	4.27	3.43	2.83	2.28	1.75	1.38	1.343	13	
6:	10.26	-3	6.59	0.12	2.1		5	1508.0	18	
		16.21	13.68	11.63	9.74	8.53	7.09	79.6	0.00781	
	5.87	4.93	4.07	3.26	2.73	1.95	1.68	2.691	13	
7:	6.05	-0	7.25	0.42	3.2		5	2513.5	17	
		18.02	15.04	12.83	10.95	9.64	7.85	109.4	0.00195	
	6.40	5.30	4.13	3.45	2.97	2.12	1.73	2.840	12	
8:	3.92	-1	8.11	0.27	7.4		5	3770.3	17	
		19.46	16.20	13.98	12.25	10.85	8.70	81.6	0.03125	
	7.11	6.20	4.97	4.38	3.98	2.57	2.02	5.973	13	

*	210N	200N ON	195N 210N	190N 10389N	180N 870	170N 4	160N 12:31:50	140N	120N	100N
1:	45.86	-4	2.22	0.74	5.3		5	188.5	10	
		4.69	3.56	3.95	4.44	3.61	2.70			
	1.04	2.70	0.51	0.65	0.84	-0.03	0.93			99
2:	31.23	5	2.29	0.11	4.0		5	377.0	14	
		5.55	4.62	3.84	3.16	2.77	2.38	22.8	0.03125	
	2.17	1.52	1.53	1.21	0.88	0.81	0.48	6.972	12	
3:	33.67	-5	2.94	0.06	2.2		5	377.0	15	
		7.12	5.89	5.13	4.49	3.79	3.16	44.1	0.00195	
	2.53	2.23	1.70	1.36	1.13	0.83	0.70	2.587	13	
4:	18.74	-2	4.01	0.03	2.1		5	754.0	16	
		9.55	8.05	6.93	5.99	5.10	4.29	53.1	0.00391	
	3.50	2.95	2.36	1.89	1.55	1.22	0.94	1.110	13	
5:	12.07	3	4.87	0.02	1.8		5	1256.7	17	
		11.63	9.80	8.53	7.32	6.24	5.21	72.4	0.00195	
	4.30	3.55	2.89	2.29	1.81	1.44	1.08	1.819	13	
6:	13.58	-4	6.16	0.06	1.9		5	1099.6	17	
		14.27	12.13	10.56	9.22	7.81	6.60	65.8	0.01563	
	5.36	4.66	3.69	2.96	2.47	1.95	1.48	1.726	13	
7:	7.91	-2	7.27	0.03	3.5		5	1979.3	18	
		17.04	14.32	12.53	10.82	9.22	7.78	78.1	0.01563	
	6.47	5.42	4.60	3.69	3.01	2.33	1.65	3.530	13	

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8:	4.91	-1	8.48	0.16	6.3	5	3110.5	18
	18.95	16.23	14.24	12.63	10.57	9.08	71.5	0.12500
	7.29	6.72	5.12	4.16	3.64	2.90	2.30	3.125

*
 220N 200N 195N 190N 180N 170N 160N 140N 120N 100N
 ON 220N 10389N 870 4 12:34:18|

1:	17.10	-3	3.94	4.15	5.1	5	628.3	12
	4.53	9.23	11.05	3.21	4.26	2.59		
	3.84	1.75	0.74	2.72	0.15	1.80	0.66	99

2:	14.60	5	3.04	0.54	4.0	5	942.5	16
	8.03	5.90	4.78	4.84	3.96	3.46	41.2	0.00391
	2.68	2.34	2.03	1.37	1.33	0.83	0.71	7.666

3:	18.39	-5	3.83	0.28	2.1	5	754.0	16
	9.15	7.99	7.12	5.63	4.89	4.04	58.0	0.00195
	3.46	2.76	2.21	1.91	1.30	1.14	0.82	2.612

4:	11.55	-2	4.81	0.03	2.0	5	1256.7	17
	11.39	9.67	8.48	7.10	6.08	5.09	80.5	0.00098
	4.25	3.48	2.88	2.29	1.74	1.32	1.06	2.770

5:	8.06	3	5.61	0.03	1.7	5	1885.0	17
	13.41	11.40	9.89	8.37	7.14	5.99	75.1	0.00391
	4.91	4.14	3.53	2.79	2.12	1.74	1.33	2.096

6:	9.81	-4	6.64	0.21	1.8	5	1508.0	17
	15.42	13.24	11.85	9.81	8.46	7.08	79.4	0.00781
	5.93	4.97	4.29	3.45	2.40	2.08	1.63	3.651

7:	6.13	-1	7.53	0.13	3.3	5	2513.5	18
	17.68	14.91	13.07	11.20	9.50	8.04	89.0	0.00781
	6.73	5.53	4.89	3.79	3.07	2.18	1.66	4.559

8:	3.99	-1	8.26	0.46	6.0	5	3770.3	17
	18.71	16.95	15.62	11.80	10.25	8.92	109.8	0.00391
	7.57	6.32	5.34	4.31	2.90	2.36	1.85	5.983

*
 230N 220N 215N 210N 200N 190N 180N 160N 140N 120N
 ON 230N 10409N 870 4 12:37:18|

1:	48.12	1	3.04	0.20	2.7	5	188.5	10
	6.22	4.59	4.51	3.69	3.48	2.97	21.2	0.50000
	2.38	1.46	2.51	0.89	1.02	1.06	0.80	18.470

2:	31.05	-2	2.34	0.01	6.3	5	377.0	13
	5.52	4.58	3.95	3.44	2.93	2.50	30.7	0.00391
	2.08	1.73	1.38	1.13	0.89	0.69	0.50	3.124

3:	32.67	-2	2.93	0.00	6.5	5	377.0	14
	7.14	5.92	5.10	4.38	3.74	3.12	64.9	0.00024
	2.60	2.14	1.72	1.36	1.06	0.80	0.62	2.955

4:	18.36	-2	3.77	0.09	2.7	5	754.0	16
	9.27	7.65	6.59	5.68	4.89	4.05	64.0	0.00098
	3.32	2.74	2.23	1.72	1.37	1.09	0.87	1.559

5:	11.94	2	4.79	0.00	2.6	5	1256.7	17
	11.32	9.51	8.30	7.13	6.10	5.14	57.1	0.00781
	4.31	3.59	2.95	2.32	1.91	1.49	1.10	2.219

6:	13.87	-1	5.86	0.06	2.6	5	1099.6	18
	13.95	11.75	10.18	8.73	7.47	6.30	87.0	0.00195
	5.20	4.32	3.48	2.68	2.20	1.75	1.33	1.765

D19_RAW.txt

7:	7.58	-2	7.77	0.11	5.0		5	1979.3	17
	17.56	14.86	12.97	11.15	9.72	8.29	61.5	0.50000	
	6.98	5.03	4.05	3.51	2.94	2.48	4.499	13	

8:	4.98	-2	8.33	0.38	11.5		5	3110.5	18
	19.96	16.82	14.59	12.31	11.05	9.03	76.8	0.06250	
	7.43	5.05	3.58	3.63	3.01	2.44	6.987	13	

*
 240N 220N 215N 210N 200N 190N 180N 160N 140N 120N
 ON 240N 10409N 770 4 12:39:57|

1:	17.82	2	16.51	2.27	2.6		5	628.3	15
	-9.94	-9.20	-3.61	0.15	-11.98	11.42			
	5.06	5.53	4.48	0.64	1.97	4.31	-2.04	99	

2:	14.27	-2	2.54	0.12	6.2		5	942.5	17
	7.87	6.63	5.57	4.61	4.30	2.93	69.3	0.00024	
	2.60	2.18	1.72	1.47	1.15	0.72	0.88	10.131	13

3:	17.13	-2	3.53	0.04	6.4		5	754.0	17
	9.16	7.66	6.55	5.55	4.86	3.83	72.0	0.00049	
	3.24	2.67	2.14	1.76	1.36	1.03	0.86	2.008	13

4:	10.66	-2	4.61	0.01	2.6		5	1256.7	17
	10.45	8.74	7.63	6.55	5.36	4.86	73.9	0.00098	
	3.96	3.29	2.64	2.07	1.60	1.35	0.86	5.704	13

5:	7.41	2	5.26	0.00	2.5		5	1885.0	18
	12.75	10.73	9.23	7.74	6.67	5.61	69.9	0.00391	
	4.61	3.79	3.22	2.66	2.00	1.56	1.24	2.301	13

6:	9.17	-1	6.74	0.01	2.4		5	1508.0	18
	14.40	12.09	10.55	9.12	7.48	6.96	91.4	0.00195	
	5.78	4.80	3.86	2.91	2.33	1.93	1.17	7.800	13

7:	5.34	-3	7.84	0.14	4.2		5	2513.5	17
	17.26	14.67	12.88	11.05	9.38	8.28	73.9	0.03125	
	6.90	5.76	4.92	3.82	2.97	2.48	1.77	3.370	13

8:	3.65	-2	9.43	0.07	9.9		5	3770.3	18
	17.71	14.60	12.89	11.36	8.87	9.28	167.6	0.00024	
	7.53	6.68	5.49	3.65	3.29	2.59	0.72	31.719	13

*
 250N 240N 235N 230N 220N 210N 200N 180N 160N 140N
 ON 250N 10429N 600 4 12:42:50|

1:	32.42	1	3.79	0.85	5.3		5	188.5	10
	6.48	3.07	2.24	0.41	5.42	3.98			
	4.13	2.32	3.67	1.16	1.39	1.88	-0.89	99	

2:	21.38	-5	2.10	0.04	5.4		5	377.0	13
	5.10	4.31	3.82	3.32	2.61	2.30	23.5	0.01563	
	1.86	1.59	1.24	1.08	0.82	0.65	0.64	6.039	13

3:	24.12	-0	2.62	0.01	5.7		5	377.0	15
	6.39	5.27	4.52	3.87	3.33	2.78	57.4	0.00024	
	2.30	1.87	1.52	1.18	0.92	0.72	0.55	2.883	13

4:	14.04	0	3.58	0.05	4.7		5	754.0	18
	8.38	6.94	5.99	5.09	4.57	3.79	52.4	0.00195	
	3.21	2.56	2.15	1.58	1.36	1.14	0.73	5.237	13

5:	8.40	1	4.23	0.05	4.9		5	1256.7	18
	10.43	8.83	7.51	6.40	5.49	4.56	88.0	0.00024	
	3.67	2.91	2.23	1.73	1.23	0.95	0.76	10.428	13

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6:	9.73	-2	5.74	0.07	2.9		5	1099.6	18
		13.04	10.85	9.34	7.97	7.12	5.91	81.6	0.00195
	5.04	4.12	3.46	2.40	2.09	1.80	1.11	6.442	13
7:	5.41	-1	7.24	0.14	3.7		5	1979.3	18
		16.04	13.65	11.87	10.12	8.96	7.58	74.9	0.01563
	6.48	5.23	4.29	3.23	2.84	2.30	1.69	2.888	13
8:	3.29	-1	8.49	0.14	8.5		5	3110.5	17
		19.21	16.29	14.03	11.35	11.07	9.09	88.5	0.01563
	7.85	6.13	5.50	3.60	3.79	2.96	1.58	11.204	13

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	260N	240N ON	235N 260N	230N 10429N	220N 600	210N 4	200N 12:45:20	180N	160N	140N
1:	13.41		1	3.30	3.45	5.0		5	628.3	14
		10.46	10.06	14.45	11.49	-0.47	1.96			
	0.74	0.67	-2.46	1.56	0.26	4.11	-0.77			99
2:	10.66	-6	2.89	0.17	5.2		5	942.5	17	
		6.64	5.45	4.40	3.91	3.79	3.19	24.5	0.12500	
	2.65	2.14	1.91	1.40	1.18	0.79	0.80	5.101	11	
3:	13.67	0	3.38	0.05	5.5		5	754.0	17	
		8.24	6.82	5.82	5.01	4.25	3.62	50.2	0.00195	
	2.99	2.41	1.95	1.56	1.25	1.01	0.78	1.240	13	
4:	8.88	0	4.36	0.16	4.4		5	1256.7	19	
		10.34	8.72	7.53	6.48	5.37	4.64	51.6	0.00781	
	3.82	3.14	2.49	2.16	1.78	1.47	0.94	4.844	13	
5:	5.72	1	5.16	0.00	4.6		5	1885.0	18	
		12.24	10.12	8.60	7.52	6.54	5.51	75.6	0.00195	
	4.58	3.73	2.98	2.41	1.83	1.49	1.21	2.327	13	
6:	7.11	-2	6.18	0.13	2.7		5	1508.0	18	
		14.73	12.32	10.71	9.21	7.47	6.59	80.8	0.00391	
	5.36	4.37	3.39	2.90	2.58	2.02	1.33	5.158	13	
7:	4.23	-1	7.63	0.10	3.2		5	2513.5	18	
		17.62	14.67	12.43	11.21	9.00	7.91	108.6	0.00195	
	6.61	5.39	4.23	3.48	2.96	2.30	1.52	4.853	13	
8:	2.69	-2	8.68	0.54	7.5		5	3770.3	17	
		20.75	17.30	14.87	12.81	10.00	9.00	74.0	0.12500	
	7.57	6.47	4.77	4.67	3.83	3.46	1.81	8.401	12	

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	270N	260N ON	255N 270N	250N 10449N	240N 600	230N 4	220N 12:48:08	200N	180N	160N
1:	33.76		1	2.50	0.07	4.6		5	188.5	11
		4.25	3.57	2.82	3.46	0.94	2.73			
	3.30	2.11	-0.34	1.18	2.16	0.51	0.20			98
2:	21.92	-3	2.20	0.00	6.6		5	377.0	14	
		5.32	4.39	3.84	3.22	2.91	2.34	29.5	0.00391	
	1.88	1.64	1.49	1.14	0.80	0.66	0.47	5.972	13	
3:	25.59	-2	2.83	0.04	7.5		5	377.0	16	
		6.64	5.51	4.76	4.10	3.51	2.99	33.1	0.00781	
	2.48	2.02	1.64	1.36	1.10	0.88	0.65	1.946	13	
4:	13.68	-4	3.22	0.21	6.2		5	754.0	17	
		7.70	6.45	5.61	4.80	4.04	3.43	54.0	0.00098	
	2.99	2.30	1.78	1.44	1.16	0.83	0.57	2.842	11	

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5:	8.65	4	4.74	0.10	4.9		5	1256.7	18
		10.46	8.86	7.64	6.56	5.79	4.95	36.4	2.00000
	4.19	3.51	3.05	2.64	2.19	1.89	1.60	5.817	13
6:	10.13	-1	5.36	0.07	3.1		5	1099.6	19
		12.10	10.29	8.96	7.64	6.39	5.59	110.8	0.00024
	4.76	3.67	2.93	2.36	1.87	1.39	0.87	8.519	13
7:	5.39	-2	6.49	0.61	3.3		5	1979.3	18
		14.87	12.81	11.05	9.38	8.02	6.76	137.0	0.00024
	5.53	4.28	3.36	2.74	2.23	1.50	1.01	2.659	9
8:	3.38	2	7.72	0.33	19.4		5	3110.5	18
		19.14	16.45	13.26	11.46	8.90	7.94	152.7	0.00024
	5.90	4.00	3.27	3.34	2.09	1.21	0.64	12.939	11

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	280N	260N ON	255N 280N	250N 10449N	240N 600	230N 4	220N 12:50:44	200N	180N	160N
1:	13.81	1	-3.05	3.32	4.2		5	628.3	14	
		5.69	0.50	-4.55	-0.73	0.72	-1.18			
	-3.01	-7.81	-2.11	-2.14	1.09	-1.43	-3.07		99	
2:	10.97	-4	3.70	0.39	6.3		5	942.5	17	
		7.08	6.15	5.68	4.56	3.84	3.79	26.0	2.00000	
	2.88	2.97	2.13	1.99	1.17	1.06	0.84	7.032	10	
3:	14.61	-2	3.41	0.06	7.2		5	754.0	18	
		8.24	6.86	5.87	5.06	4.37	3.63	45.5	0.00391	
	3.04	2.44	2.03	1.62	1.35	1.03	0.82	1.406	13	
4:	8.64	-4	3.99	0.17	5.3		5	1256.7	18	
		9.64	8.02	6.83	6.15	5.08	4.26	59.6	0.00195	
	3.48	2.87	2.35	1.93	1.51	1.17	0.93	1.634	13	
5:	5.86	4	5.01	0.15	4.2		5	1885.0	18	
		11.80	10.00	8.53	6.99	5.95	5.27	64.5	0.00391	
	4.26	3.56	2.83	2.42	1.87	1.45	1.18	2.369	13	
6:	7.40	-1	5.71	0.17	3.0		5	1508.0	19	
		14.00	11.48	9.57	8.27	7.17	6.17	124.3	0.00024	
	5.07	3.84	3.26	2.66	2.11	1.62	1.16	3.869	13	
7:	4.23	-2	6.56	0.26	2.9		5	2513.5	18	
		16.40	13.44	11.44	9.72	8.57	7.01	144.7	0.00024	
	5.87	4.40	3.51	2.95	2.30	2.05	1.49	3.820	13	
8:	2.78	2	9.32	0.94	17.2		5	3770.3	17	
		19.24	15.16	14.34	11.01	10.03	9.75	70.2	0.12500	
	8.21	5.58	5.48	4.10	3.30	1.98	0.93	7.794	9	

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	290N	280N ON	275N 290N	270N 10469N	260N 600	250N 4	240N 12:53:53	220N	200N	180N
1:	32.05	6	1.72	0.59	3.6		5	188.5	10	
		4.81	5.38	4.60	1.89	2.81	2.38			
	2.25	3.13	-1.54	0.99	-2.19	-1.20	-2.27		99	
2:	20.95	-6	2.21	0.02	5.0		5	377.0	13	
		5.26	4.30	3.81	3.31	2.75	2.27	21.9	0.03125	
	2.02	1.47	1.44	0.98	0.94	0.78	0.58	6.276	13	
3:	24.15	1	2.84	0.06	5.9		5	377.0	15	
		6.63	5.55	4.80	4.09	3.56	3.00	33.4	0.00781	
	2.53	2.07	1.65	1.40	1.06	0.86	0.69	1.800	13	

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4:	14.24	-1	3.46	0.00	5.3		5	754.0	18
		8.03	6.76	5.87	4.96	4.34	3.67	57.1	0.00098
	3.10	2.50	1.99	1.64	1.18	0.96	0.73	3.803	13
5:	9.24	1	4.47	0.07	6.5		5	1256.7	19
		10.35	8.74	7.78	6.44	5.49	4.68	43.6	0.03125
	4.02	3.17	2.70	2.17	1.79	1.35	1.22	3.342	13
6:	10.06	-3	5.27	0.00	4.7		5	1099.6	18
		11.91	10.02	8.82	7.73	6.64	5.62	97.9	0.00049
	4.75	3.77	2.83	2.51	1.77	1.49	1.04	5.385	13
7:	5.62	-1	6.53	0.28	4.4		5	1979.3	19
		15.40	13.14	11.43	9.72	8.09	6.86	141.6	0.00024
	5.88	4.55	3.67	3.18	2.11	1.76	1.36	4.548	12
8:	3.41	-1	7.33	0.21	7.0		5	3110.5	18
		18.64	15.72	14.27	12.06	10.30	8.23	160.7	0.00024
	7.24	5.40	3.65	3.47	2.02	1.57	0.91	15.001	12

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	300N	280N ON	275N 300N	270N 10469N	260N 600	250N 4	240N 12:56:24	220N	200N	180N
1:	13.11		5	5.89	6.15	3.4		5	628.3	14
		-3.09	-1.65	5.51	2.41	1.51	9.23			
	-0.47	5.52	3.86	-0.45	-0.55	4.53	-1.71			99
2:	10.57	-7	2.91	0.33	4.9		5	942.5	17	
		7.60	6.38	5.20	4.55	3.95	2.92	67.1	0.00024	
	2.76	2.08	1.71	1.55	1.35	0.77	0.95	3.958	9	
3:	13.99	1	3.47	0.05	5.7		5	754.0	18	
		8.26	6.95	6.03	5.12	4.34	3.80	76.0	0.00024	
	3.01	2.57	2.08	1.56	1.26	0.95	0.68	5.206	13	
4:	9.14	-2	4.41	0.00	4.9		5	1256.7	19	
		9.97	8.66	7.55	6.43	5.48	4.84	51.8	0.00781	
	3.88	3.20	2.74	2.15	1.66	1.26	1.08	2.725	13	
5:	6.35	2	4.38	0.04	5.9		5	1885.0	20	
		11.08	9.72	8.36	6.91	5.88	4.77	99.1	0.00024	
	3.69	3.08	2.52	1.89	1.56	1.47	0.89	6.437	13	
6:	7.39	-3	5.59	0.08	4.5		5	1508.0	19	
		12.89	11.29	9.99	8.42	7.06	6.41	94.9	0.00098	
	5.02	4.34	3.57	2.60	2.09	1.61	1.11	6.415	13	
7:	4.44	-1	6.29	0.17	3.9		5	2513.5	19	
		15.61	13.29	11.58	9.59	8.13	7.22	135.2	0.00024	
	5.61	4.51	3.77	2.69	1.99	1.19	0.78	13.745	12	
8:	2.82	-1	8.25	0.58	6.3		5	3770.3	18	
		16.04	14.95	14.18	11.31	9.19	9.71	67.0	0.12500	
	6.80	7.11	5.41	3.33	2.23	1.80	0.81	11.160	10	

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	310N	300N ON	295N 310N	290N 10489N	280N 600	270N 4	260N 12:59:23	240N	220N	200N
1:	31.12		1	0.08	5.14	10.0		5	188.5	10
		7.31	6.11	4.53	4.27	5.29	2.31			
	0.53	1.49	2.57	3.52	1.21	-1.29	0.03			99
2:	19.03	-10	2.30	0.64	6.0		5	377.0	12	
		5.17	4.30	3.82	3.31	2.77	2.37			
	2.01	1.71	1.30	0.92	0.97	0.90	0.72			99

D19_RAW.txt

3:	22.43	-0	2.84	0.05	5.9		5	377.0	14
		6.86	5.66	4.83	4.19	3.63	3.03	33.9	0.00781
	2.51	2.09	1.70	1.41	1.11	0.84	0.70	1.860	13
4:	13.07	-1	3.88	0.14	3.8		5	754.0	16
		8.91	7.54	6.52	5.60	4.88	4.18	35.4	0.06250
	3.42	2.86	2.44	2.04	1.60	1.16	1.08	3.841	13
5:	8.73	4	4.36	0.15	3.9		5	1256.7	18
		10.30	8.55	7.38	6.42	5.46	4.62	63.9	0.00195
	3.93	3.27	2.49	2.06	1.52	1.29	0.95	3.416	13
6:	10.58	-2	5.48	0.33	5.3		5	1099.6	19
		12.87	10.99	9.28	8.01	6.92	5.90	54.8	0.03125
	4.88	4.22	3.43	3.02	2.36	1.69	1.51	3.954	12
7:	5.52	-2	6.45	0.43	6.8		5	1979.3	18
		15.39	13.24	11.08	9.44	8.34	6.99	56.7	0.12500
	5.60	4.84	4.12	3.83	2.87	1.89	1.71	5.447	11
8:	3.55	-0	8.22	1.13	12.0		5	3110.5	18
		19.38	16.76	13.56	11.61	10.87	9.11	67.2	4.00000
	7.37	6.55	6.10	5.98	4.01	3.14	3.45	9.612	10

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	320N	300N ON	295N 320N	290N 10489N	280N 600	270N 4	260N 13:01:45	240N	220N	200N
1:	12.47	2	8.15	7.94	7.8		5	628.3	13	
		1.42	-2.73	1.65	12.01	-3.29	1.38			
	13.56	-4.27	9.75	5.06	-5.54	-1.53	0.82			99
2:	9.41	-10	2.72	0.56	6.0		5	942.5	15	
		7.75	6.69	5.51	4.01	4.47	3.35	53.3	0.00098	
	2.16	2.60	1.29	1.26	1.70	1.09	0.65	8.527	6	
3:	12.80	0	3.75	0.02	5.8		5	754.0	16	
		8.80	7.41	6.34	5.49	4.71	3.97	54.9	0.00195	
	3.34	2.66	2.20	1.71	1.40	1.08	0.83	2.026	13	
4:	8.34	-1	4.52	0.01	3.5		5	1256.7	17	
		10.55	9.04	7.87	6.88	5.76	4.82	59.8	0.00391	
	4.08	3.26	2.77	2.14	1.72	1.33	1.04	1.987	13	
5:	5.99	4	5.30	0.02	3.5		5	1885.0	19	
		12.37	10.55	9.02	7.82	6.75	5.69	114.0	0.00024	
	4.60	3.80	2.99	2.28	1.88	1.48	1.02	4.517	13	
6:	7.77	-2	6.10	0.23	5.0		5	1508.0	20	
		14.12	12.05	10.45	9.16	7.79	6.53	115.3	0.00049	
	5.50	4.29	3.62	2.67	2.19	1.70	1.28	3.614	13	
7:	4.33	-1	6.89	0.47	6.2		5	2513.5	18	
		15.99	13.67	11.86	10.38	8.88	7.37	148.3	0.00024	
	6.19	4.68	3.93	2.68	2.24	1.66	1.10	5.578	10	
8:	2.93	-1	7.82	0.79	10.0		5	3770.3	18	
		18.80	15.99	13.95	12.33	10.05	8.63	171.5	0.00024	
	6.99	4.73	4.47	2.96	2.51	1.93	1.41	5.872	9	

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	330N	320N ON	315N 330N	310N 10509N	300N 600	290N 4	280N 13:04:44	260N	240N	220N
1:	36.07	2	3.20	1.02	5.8		5	188.5	11	
		5.13	4.19	3.14	3.54	3.45	3.26			
	2.12	2.82	1.30	0.96	0.70	0.69	0.62			99

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2:	20.92	-8	2.29	0.04	5.0		5	377.0	13
		5.74	4.72	4.12	3.49	2.95	2.45	51.9	0.00024
	2.04	1.60	1.43	1.16	0.86	0.63	0.50	4.262	13
3:	24.09	1	3.13	0.04	7.4		5	377.0	15
		7.41	6.17	5.30	4.55	3.88	3.35	41.1	0.00391
	2.72	2.25	1.82	1.48	1.20	0.93	0.75	1.347	13
4:	12.79	-6	3.97	0.09	7.1		5	754.0	16
		9.08	7.66	6.63	5.72	4.88	4.24	41.8	0.01563
	3.45	2.82	2.36	1.92	1.60	1.23	0.93	2.043	13
5:	8.34	2	4.85	0.00	4.6		5	1256.7	17
		11.11	9.38	8.09	6.99	5.97	5.18	41.2	0.12500
	4.27	3.51	2.99	2.55	2.08	1.61	1.32	2.880	13
6:	10.24	1	5.95	0.00	3.8		5	1099.6	19
		13.23	11.19	9.66	8.45	7.17	6.40	60.9	0.01563
	5.07	4.22	3.42	2.66	2.33	1.81	1.35	2.733	13
7:	5.99	-0	7.07	0.18	7.7		5	1979.3	20
		15.82	13.42	11.56	10.02	8.46	7.71	99.5	0.00195
	6.03	4.84	4.11	3.08	2.73	1.98	1.36	5.665	13
8:	3.53	-2	8.07	0.54	10.8		5	3110.5	18
		18.13	15.11	12.70	11.25	9.35	8.71	98.7	0.00391
	6.63	5.38	4.19	3.00	3.40	2.52	1.71	8.431	11

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	340N	320N ON	315N 340N	310N 10509N	300N 600	290N 4	280N 13:07:18	260N	240N	220N
1:	13.89		2	2.05	1.95	5.3		5	628.3	15
		12.41	13.12	6.24	1.92	6.12	1.63			
	7.73	6.09	5.09	-2.71	0.81	-3.91	0.83			99
2:	10.10	-8	3.45	0.08	4.9		5	942.5	16	
		7.97	6.50	5.92	5.34	4.33	3.78	31.3	0.06250	
	2.76	2.33	1.89	1.92	1.38	1.34	0.83	8.850	13	
3:	13.50	1	4.07	0.06	7.2		5	754.0	17	
		9.98	8.42	7.19	6.15	5.23	4.34	79.6	0.00049	
	3.76	3.07	2.48	1.89	1.51	1.06	0.94	4.227	13	
4:	8.09	-6	4.87	0.02	6.0		5	1256.7	17	
		11.40	9.61	8.31	7.33	6.19	5.21	57.8	0.00781	
	4.38	3.57	2.97	2.31	1.92	1.43	1.21	1.920	13	
5:	5.69	2	5.48	0.07	4.4		5	1885.0	18	
		12.80	10.75	9.43	8.37	6.99	5.84	80.7	0.00195	
	4.89	4.04	3.30	2.56	1.88	1.64	1.20	3.686	13	
6:	7.50	1	6.34	0.21	3.6		5	1508.0	19	
		15.23	12.94	11.11	9.73	8.31	6.81	123.5	0.00049	
	6.01	4.84	3.96	2.98	2.33	1.58	1.48	6.126	13	
7:	4.68	-0	7.08	0.32	6.5		5	2513.5	20	
		17.41	14.73	12.65	11.09	9.21	7.62	156.6	0.00024	
	6.61	5.23	4.35	3.24	2.38	1.68	1.26	7.292	12	
8:	2.88	-2	8.00	1.12	9.3		5	3770.3	18	
		19.99	17.18	14.19	12.05	10.59	8.43	83.0	0.03125	
	8.43	6.41	5.17	3.02	2.74	0.90	1.61	5.387	8	

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	350N	340N ON	335N 350N	330N 10529N	320N 600	310N 4	300N 13:10:05	280N	260N	240N
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1:	43.01	4	4.78	3.17	4.8		5	188.5	14
		2.77	4.15	1.47	1.31	2.43	6.25		
	3.41	0.62	-1.17	-0.48	-2.09	1.25	0.46		99
2:	21.74	-7	2.24	0.18	7.0		5	377.0	14
		6.33	5.06	4.51	4.04	3.21	2.28	27.9	0.01563
	2.05	1.98	1.69	1.34	1.06	0.61	0.45	8.600	11
3:	25.82	1	3.31	0.05	7.9		5	377.0	16
		7.86	6.58	5.71	4.85	4.15	3.51	39.2	0.00781
	2.92	2.38	1.96	1.59	1.27	1.02	0.81	1.011	13
4:	13.96	-3	4.40	0.04	6.1		5	754.0	18
		10.15	8.59	7.49	6.44	5.55	4.66	46.8	0.01563
	3.89	3.24	2.64	2.09	1.71	1.34	1.09	1.064	13
5:	8.81	2	5.13	0.15	7.0		5	1256.7	18
		12.14	10.27	8.99	7.76	6.54	5.43	51.6	0.03125
	4.53	3.79	3.19	2.65	2.23	1.77	1.34	2.936	13
6:	9.87	-6	6.35	0.00	6.1		5	1099.6	18
		13.44	11.68	10.53	9.01	7.57	6.53	52.0	0.12500
	5.46	4.69	3.62	3.05	2.56	2.14	1.69	2.747	13
7:	5.82	3	7.15	0.02	5.7		5	1979.3	19
		15.86	13.69	11.87	9.86	8.49	7.52	135.0	0.00024
	6.01	4.54	3.74	2.79	1.94	1.43	0.87	17.907	13
8:	3.81	-0	9.82	0.29	15.2		5	3110.5	20
		18.66	16.96	14.49	12.29	9.95	10.71	66.8	0.50000
	8.54	5.77	4.19	4.98	3.59	3.08	2.92	12.553	13

*

	360N	340N ON	335N 360N	330N 10529N	320N 600	310N 4	300N 13:12:33	280N	260N	240N
1:	17.81	4	3.74	5.71	4.5		5	628.3	19	
		3.04	8.97	4.82	0.21	-2.72	1.49			
	-4.27	-0.73	1.60	-4.11	4.63	0.41	-4.77		99	
2:	10.63	-7	4.10	0.42	6.6		5	942.5	17	
		9.89	7.78	6.87	6.18	5.59	4.46	38.7	0.06250	
	4.08	3.12	2.37	2.38	1.40	1.39	1.41	6.143	10	
3:	14.27	1	4.73	0.06	7.5		5	754.0	18	
		10.95	9.26	7.94	6.78	5.80	5.00	60.7	0.00391	
	4.16	3.33	2.71	2.13	1.74	1.39	1.08	1.484	13	
4:	8.71	-3	5.76	0.25	5.6		5	1256.7	18	
		13.03	11.18	9.63	8.26	7.17	6.14	55.7	0.03125	
	5.05	4.17	3.39	2.79	2.28	1.82	1.53	2.037	13	
5:	5.96	2	6.39	0.07	6.3		5	1885.0	19	
		14.90	12.63	10.64	9.46	8.06	6.71	67.6	0.01563	
	5.73	4.58	3.74	3.03	2.27	2.04	1.70	3.831	13	
6:	7.21	-5	7.60	0.33	5.5		5	1508.0	18	
		15.84	13.79	11.93	9.98	8.71	7.96	68.2	0.03125	
	6.54	5.16	4.20	3.22	3.09	2.19	1.70	4.444	13	
7:	4.55	2	8.58	0.63	5.0		5	2513.5	19	
		18.04	15.92	13.32	11.38	10.07	9.02	84.1	0.01563	
	7.49	5.78	4.52	3.53	3.25	2.28	2.00	4.635	11	
8:	3.11	-0	10.32	0.96	13.4		5	3770.3	20	
		20.06	18.19	15.37	11.91	10.82	10.31	70.0	2.00000	
	8.52	6.53	5.80	3.76	5.16	2.66	1.84	10.047	10	

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370N	360N ON	355N 370N	350N 10549N	340N 600	330N 4	320N 13:15:51	300N	280N	260N
1:	57.73	-8	3.69	0.48	18.9		5	188.5	18
		8.68	8.23	7.27	5.15	2.81	3.41	59.0	0.00098
	2.45	2.40	3.19	2.12	1.30	0.82	0.65	27.136	9
2:	25.91	-6	3.69	0.10	5.0		5	377.0	16
		8.27	6.82	5.96	5.23	4.73	3.84	35.0	0.03125
	3.25	2.69	2.00	1.73	1.40	1.16	0.94	3.376	13
3:	27.71	-1	4.11	0.07	6.3		5	377.0	17
		10.12	8.56	7.39	6.27	5.28	4.41	92.3	0.00024
	3.62	2.99	2.47	1.93	1.54	1.14	0.90	2.441	13
4:	14.73	-2	4.90	0.07	7.7		5	754.0	19
		11.46	9.73	8.50	7.27	6.14	5.16	53.0	0.01563
	4.40	3.61	2.98	2.42	1.99	1.55	1.26	1.513	13
5:	8.40	2	5.78	0.16	9.2		5	1256.7	18
		13.47	11.45	9.90	8.44	7.23	6.14	95.4	0.00098
	5.04	4.02	3.30	2.68	2.03	1.63	1.32	1.763	13
6:	9.72	-3	6.75	0.13	6.3		5	1099.6	18
		15.49	13.18	11.61	9.94	8.40	7.07	65.7	0.03125
	5.89	4.96	4.08	3.35	2.76	2.10	1.76	1.858	13
7:	5.31	-4	7.49	0.04	7.5		5	1979.3	18
		17.09	14.62	12.94	11.03	9.21	7.80	87.1	0.00781
	6.59	5.46	4.45	3.74	2.98	2.12	1.78	2.897	13
8:	3.55	3	8.70	0.72	9.2		5	3110.5	18
		19.88	17.87	16.24	13.05	9.88	8.83	91.9	0.01563
	6.82	6.00	5.61	4.34	3.67	2.36	1.94	7.235	11

*									
380N	360N ON	355N 380N	350N 10549N	340N 600	330N 4	320N 13:18:25	300N	280N	260N
1:	19.58	-9	1.05	0.53	13.8		5	628.3	21
		8.46	7.96	7.47	7.13	5.25	1.10		
	2.00	1.88	8.91	3.43	1.83	-0.33	-1.03		98
2:	10.61	-6	4.65	0.10	4.9		5	942.5	17
		10.69	9.00	7.58	6.43	5.60	4.96	65.3	0.00195
	4.04	3.23	1.97	1.91	1.57	1.43	1.19	9.796	13
3:	13.21	-1	5.17	0.05	6.1		5	754.0	17
		12.16	10.20	8.90	7.75	6.61	5.52	68.3	0.00391
	4.55	3.70	3.22	2.54	2.04	1.56	1.12	3.562	13
4:	8.16	-2	5.44	0.15	7.1		5	1256.7	17
		13.01	11.01	9.57	8.25	7.02	5.85	72.6	0.00391
	4.91	3.77	3.43	2.63	2.23	1.67	1.19	4.060	13
5:	5.16	2	6.53	0.10	8.4		5	1885.0	16
		14.96	12.68	10.85	9.34	7.98	6.94	68.7	0.01563
	5.70	4.76	3.74	3.15	2.57	2.08	1.63	1.912	13
6:	6.62	-3	7.06	0.17	5.9		5	1508.0	17
		16.24	13.74	12.04	10.67	9.10	7.62	83.5	0.00781
	6.17	5.02	4.67	3.63	3.00	2.31	1.34	8.723	13
7:	3.95	-4	7.67	0.42	7.1		5	2513.5	17
		18.04	15.17	13.24	11.68	9.96	8.20	71.2	0.06250
	6.86	5.56	5.10	3.91	3.42	2.68	1.60	3.653	12

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8:	2.79	2	7.34	0.53	8.5		5	3770.3	18
	18.43	15.06	13.16	12.80	10.10	8.29	64.4	0.25000	
	6.24	4.09	6.57	4.57	3.83	2.44	0.39	17.824	11
*									
390N	380N ON	375N 390N	370N 10569N	360N 400	350N 4	340N	320N 13:21:41	300N	280N
1:	51.08	4	2.26	0.00	5.8		5	188.5	24
	3.36	2.54	3.97	6.29	7.76	4.36	2.72		
		1.55	2.41	-0.48	-0.25	0.74	1.13		98
2:	27.80	-11	3.47	0.00	7.5		5	377.0	26
	9.27	7.53	6.35	5.16	4.51	3.78	61.1	0.00098	
	3.01	2.43	1.96	1.74	1.51	1.11	0.81	5.240	13
3:	23.04	-0	4.43	0.00	16.4		5	377.0	22
	10.54	8.84	7.74	6.58	5.60	4.68	58.5	0.00391	
	3.97	3.20	2.64	2.04	1.65	1.34	1.06	1.283	13
4:	9.63	-8	4.94	0.15	14.7		5	754.0	18
	12.20	10.08	8.80	7.42	6.22	5.30	106.3	0.00024	
	4.35	3.50	2.81	2.19	1.68	1.24	0.93	5.970	13
5:	4.94	1	6.36	0.10	4.5		5	1256.7	16
	14.12	12.11	10.59	8.83	7.52	6.65	49.0	2.00000	
	5.70	4.82	4.02	3.41	3.13	2.60	2.22	7.152	13
6:	5.68	-2	6.28	0.00	5.0		5	1099.6	16
	14.09	12.51	11.35	9.22	8.02	6.63	135.2	0.00024	
	5.75	4.75	3.72	2.85	2.21	1.60	1.12	8.309	13
7:	3.18	0	7.79	0.14	14.1		5	1979.3	16
	16.48	14.27	12.48	10.69	9.14	8.15	95.6	0.00391	
	7.12	5.87	4.83	3.51	2.40	2.04	1.59	8.011	13
8:	2.03	-4	8.96	0.00	14.3		5	3110.5	16
	15.35	13.98	16.59	14.46	11.29	9.79	73.5	0.12500	
	9.61	7.10	7.45	3.71	2.54	2.79	2.54	19.533	13
*									
400N	380N ON	375N 400N	370N 10569N	360N 400	350N 4	340N	320N 13:24:35	300N	280N
1:	14.90	3	4.87	10.29	5.4		5	628.3	23
	-3.18	13.84	14.83	17.62	9.33	4.54	5.29		
		8.56	-2.13	7.83	6.04	2.42	-1.40		99
2:	9.91	-10	5.72	0.88	7.2		5	942.5	23
	13.43	11.86	10.21	8.63	7.16	5.92	68.9	0.00781	
	5.54	3.34	3.55	2.40	1.86	1.58	1.69	3.632	7
3:	9.78	-0	5.75	0.25	15.5		5	754.0	18
	13.55	11.34	10.03	8.54	7.30	6.12	68.4	0.00781	
	5.01	4.49	3.36	2.90	2.30	1.77	1.35	2.875	13
4:	4.91	-8	8.51	1.43	13.7		5	1256.7	15
	16.94	14.92	13.24	11.67	10.17	8.99	62.4	1.00000	
	7.73	6.45	5.67	4.97	4.38	3.69	1.71	1.213	7
5:	2.87	1	6.90	0.58	4.2		5	1885.0	14
	15.76	13.60	11.90	10.27	8.65	7.22	80.9	0.00781	
	6.21	5.05	4.09	3.30	2.65	2.09	1.86	0.993	10
6:	3.69	-2	8.54	0.60	4.8		5	1508.0	14
	17.76	15.38	14.33	12.15	9.94	9.26	67.5	8.00000	
	7.58	7.16	5.19	4.77	4.75	3.69	2.33	7.817	12

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7:	2.29	0	7.95	1.08	12.0		5	2513.5	14
	18.40	15.72	14.15	12.03	9.93	8.31	73.6	0.06250	
	7.31	6.52	4.62	4.04	3.05	2.35	1.89	3.624	8

8:	1.55	-4	7.65	5.19	12.0		5	3770.3	15
	24.61	22.85	22.93	18.89	14.09	15.32			
	12.23	12.41	5.09	7.90	10.18	7.89	4.36		99

* 410N 400N 395N 390N 380N 370N 360N 340N 320N 300N
ON ON 410N 10589N 900 4 13:27:35|

1:	120.60	6	1.44	0.36	13.0		5	188.5	25
	2.48	4.36	5.56	2.77	3.53	2.17			
	0.81	1.11	-0.12	0.74	1.17	0.89	-0.43		98

2:	63.95	-4	2.49	0.03	25.5		5	377.0	27
	6.30	5.02	4.22	3.72	3.05	2.61	42.0	0.00098	
	2.20	1.79	1.51	1.14	0.85	0.69	0.60	3.930	13

3:	51.85	5	4.77	0.08	21.4		5	377.0	22
	11.36	9.44	8.12	7.06	5.96	5.04	70.3	0.00195	
	4.23	3.46	2.78	2.24	1.77	1.34	1.12	1.830	13

4:	25.21	-1	6.44	0.01	4.5		5	754.0	21
	15.24	12.99	11.26	9.62	8.20	6.88	95.4	0.00195	
	5.65	4.67	3.78	3.03	2.44	1.89	1.47	1.099	13

5:	12.19	2	7.00	0.17	13.8		5	1256.7	17
	16.49	14.10	12.25	10.46	8.83	7.48	75.3	0.01563	
	6.14	5.24	4.15	3.36	2.72	2.29	1.82	2.114	13

6:	11.34	-8	7.21	0.07	13.5		5	1099.6	14
	16.51	14.28	12.44	10.68	9.12	7.68	155.6	0.00024	
	6.25	5.33	4.19	3.46	2.71	1.73	1.46	6.618	13

7:	6.13	-1	7.91	0.29	13.3		5	1979.3	13
	18.23	15.77	13.86	11.73	9.75	8.45	65.8	0.25000	
	7.12	6.52	5.01	3.97	3.44	3.10	2.45	5.524	13

8:	4.09	0	8.28	0.50	17.8		5	3110.5	14
	18.48	17.50	15.92	12.53	11.38	9.25	70.6	0.25000	
	6.72	6.36	4.94	5.07	4.48	2.31	2.08	10.333	11

* 420N 400N 395N 390N 380N 370N 360N 340N 320N 300N
ON ON 420N 10589N 900 4 13:30:09|

1:	39.84	6	-3.68	6.50	12.5		5	628.3	28
	9.74	10.59	10.37	12.68	11.82	3.82			
	4.58	3.73	0.46	0.56	-2.41	-0.94	-4.48		99

2:	24.88	-4	4.69	0.20	23.2		5	942.5	26
	10.51	8.76	7.51	6.19	5.35	4.64	40.1	0.06250	
	3.87	3.09	2.69	2.17	1.77	1.48	1.29	5.114	13

3:	24.41	5	6.85	0.17	19.3		5	754.0	20
	15.46	13.08	11.30	9.59	8.20	7.04	77.2	0.00781	
	5.76	4.71	3.96	3.23	2.55	1.98	1.58	1.340	13

4:	14.23	-1	7.83	0.02	4.3		5	1256.7	20
	18.37	15.65	13.56	11.87	10.01	8.37	102.9	0.00391	
	6.90	5.65	4.79	3.80	2.95	2.38	1.78	1.998	13

5:	7.83	1	7.95	0.21	12.2		5	1885.0	16
	18.57	15.93	13.82	11.96	10.25	8.56	132.5	0.00098	
	6.89	5.89	4.78	3.90	2.90	2.19	1.65	4.457	13

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6:	8.12	-8	7.64	0.34	12.1		5	1508.0	14
	18.13	15.79	14.06	12.23	10.40	8.38	104.4	0.00391	
	7.00	5.74	4.76	4.01	2.91	2.27	1.42	3.215	12
7:	4.78	-1	7.80	0.14	11.3		5	2513.5	13
	18.82	16.12	14.02	12.24	10.27	8.32	151.8	0.00049	
	6.66	5.73	4.84	4.08	2.93	2.19	1.58	5.830	13
8:	3.35	-0	6.34	2.60	15.0		5	3770.3	14
	20.05	18.14	16.97	15.65	13.29	9.37			
	7.71	6.66	4.77	4.19	2.06	1.78	-1.06		98

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	430N	420N ON	415N 430N	410N 10609N	400N 900	390N 4	380N 13:33:17	360N	340N	320N
1:	78.15	9	0.21	4.81	5.9		5	188.5	16	
	2.74	4.09	-0.20	2.01	3.10	2.49	1.20			
		1.58	0.70	-0.70	0.47	2.88	1.28		99	
2:	46.31	-12	2.61	0.17	7.8		5	377.0	19	
	2.13	6.15	5.21	4.41	3.74	3.16	2.73	37.8	0.00195	
		1.78	1.47	1.23	0.96	0.63	0.44	2.069	11	
3:	55.24	1	3.96	0.01	10.8		5	377.0	23	
	3.52	9.45	7.92	6.85	5.94	5.04	4.22	47.5	0.00781	
		2.91	2.38	1.91	1.52	1.25	1.02	1.747	13	
4:	33.68	4	5.49	0.11	29.8		5	754.0	28	
	4.82	12.57	10.68	9.25	8.01	6.81	5.83	58.0	0.01563	
		3.98	3.25	2.62	2.10	1.68	1.42	1.790	13	
5:	15.12	9	7.79	0.11	26.3		5	1256.7	21	
	6.86	18.05	15.35	13.43	11.46	9.83	8.36	114.0	0.00195	
		5.73	4.68	3.76	3.04	2.16	1.63	4.256	13	
6:	15.61	-2	8.97	0.28	11.8		5	1099.6	19	
	8.05	20.15	17.22	15.09	13.33	11.22	9.54	94.3	0.01563	
		6.62	5.33	4.28	3.39	2.77	2.32	1.915	13	
7:	6.46	-7	8.93	0.60	16.4		5	1979.3	14	
	7.69	19.39	16.63	14.52	13.12	10.72	9.50	78.1	0.06250	
		6.41	5.69	4.26	3.51	2.79	2.62	2.591	11	
8:	4.01	1	8.05	0.77	13.4		5	3110.5	14	
	7.87	18.92	15.92	13.69	12.71	10.52	8.27	118.8	0.00195	
		5.48	4.47	2.54	2.01	2.27	1.80	5.329	9	

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	440N	420N ON	415N 440N	410N 10609N	400N 900	390N 4	380N 13:35:46	360N	340N	320N
1:	30.41	8	14.94	7.39	5.7		5	628.3	21	
	7.48	4.73	-1.99	-3.40	-0.42	12.74	15.18			
		-2.81	1.73	10.72	-9.82	-6.36	1.58		99	
2:	21.09	-11	3.75	0.37	7.7		5	942.5	22	
	3.56	9.78	8.60	7.54	6.36	5.01	3.98	41.4	0.03125	
		3.20	2.41	1.52	1.95	1.46	0.92	7.732	10	
3:	29.48	0	5.53	0.08	10.7		5	754.0	25	
	4.85	12.80	10.77	9.27	8.03	6.94	5.91	71.5	0.00391	
		3.93	3.23	2.65	2.01	1.60	1.27	1.846	13	
4:	20.59	4	6.71	0.00	22.5		5	1256.7	29	
	5.94	15.29	12.99	11.32	9.80	8.44	7.14	70.5	0.01563	
		4.85	3.96	3.19	2.59	2.10	1.60	1.028	13	

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5:	10.30	9	8.68	0.10	19.0		5	1885.0	22
		20.12	17.39	15.22	13.11	11.09	9.26	127.6	0.00195
	7.76	6.46	5.14	3.90	3.30	2.46	1.99	2.583	13
6:	11.72	-2	9.75	0.10	10.8		5	1508.0	20
		21.86	18.63	16.09	14.00	12.17	10.38	111.0	0.00781
	8.43	6.88	5.63	4.72	3.69	2.77	2.32	2.089	13
7:	5.25	-7	8.50	0.02	15.6		5	2513.5	15
		20.01	16.67	14.60	12.46	10.77	9.25	169.3	0.00024
	7.44	5.66	4.53	3.32	2.04	1.37	2.05	19.554	13
8:	3.40	0	11.10	0.63	12.4		5	3770.3	14
		20.63	16.82	14.69	13.25	13.33	11.91	73.8	2.00000
	9.62	6.66	5.95	6.60	4.17	3.57	3.23	9.882	13

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	450N	440N ON	435N 450N	430N 10629N	420N 900	410N 4	400N 13:38:54	380N	360N	340N
1:	86.13	-1	4.30	0.04	8.5		5	188.5	18	
		9.79	8.51	7.31	6.29	5.45	4.73	49.3	0.00781	
	4.04	3.22	1.50	1.46	1.91	1.36	1.31	20.916	13	
2:	45.05	-7	3.83	0.10	7.3		5	377.0	19	
		8.87	7.48	6.54	5.58	4.83	4.05	49.9	0.00391	
	3.35	2.81	2.31	1.95	1.28	1.06	0.92	4.853	13	
3:	41.16	-5	4.41	0.00	7.2		5	377.0	17	
		10.42	8.76	7.60	6.61	5.52	4.66	83.7	0.00049	
	3.88	3.14	2.51	2.00	1.70	1.24	0.89	3.926	13	
4:	25.97	1	5.08	0.15	7.5		5	754.0	22	
		11.94	10.14	8.77	7.56	6.45	5.39	96.6	0.00049	
	4.49	3.65	2.97	2.36	1.85	1.42	1.05	3.211	13	
5:	17.42	4	6.88	0.16	9.9		5	1256.7	24	
		15.51	13.20	11.54	10.01	8.59	7.18	79.5	0.00781	
	6.07	5.02	4.08	3.32	2.59	2.12	1.56	1.997	13	
6:	20.77	9	8.31	0.10	10.2		5	1099.6	25	
		18.73	16.00	13.99	12.12	10.44	8.81	87.0	0.01563	
	7.38	5.98	4.93	3.99	3.32	2.54	1.98	1.323	13	
7:	8.97	0	10.24	0.12	25.8		5	1979.3	20	
		23.11	19.60	17.14	14.84	12.63	10.79	92.0	0.06250	
	8.99	7.40	6.85	5.49	4.54	3.47	2.43	5.048	13	
8:	4.29	-8	7.72	0.76	24.9		5	3110.5	15	
		18.35	15.70	13.76	11.97	9.88	8.33	92.7	0.00781	
	6.86	5.77	3.11	2.19	1.89	1.29	1.88	1.164	8	

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	460N	440N ON	435N 460N	430N 10629N	420N 900	410N 4	400N 13:41:29	380N	360N	340N
1:	27.95	-1	12.86	5.57	7.9		5	628.3	20	
		14.59	13.70	8.33	6.50	13.00	15.78			
	5.67	4.19	8.53	8.71	1.21	2.10	0.42		99	
2:	18.91	-6	4.15	0.58	7.3		5	942.5	20	
		11.25	9.41	8.28	7.26	5.44	4.28	100.7	0.00024	
	4.14	3.29	2.16	1.52	1.71	1.36	1.27	5.579	8	
3:	20.97	-5	5.71	0.18	7.1		5	754.0	18	
		13.36	11.31	9.78	8.47	7.39	6.14	84.1	0.00195	
	4.98	4.20	3.53	2.82	2.11	1.70	1.12	5.790	13	

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4:	15.48	0	6.37	0.07	7.2		5	1256.7	22
		14.68	12.44	10.84	9.44	8.05	6.78	82.8	0.00391
	5.62	4.61	3.75	3.01	2.34	1.90	1.47	1.460	13
5:	11.48	4	7.34	0.01	9.5		5	1885.0	24
		17.31	14.85	13.04	11.25	9.52	7.79	109.7	0.00195
	6.56	5.44	4.24	3.46	2.93	2.17	1.70	2.113	13
6:	14.99	9	9.17	0.09	9.7		5	1508.0	25
		20.69	17.55	15.31	13.21	11.44	9.78	104.4	0.00781
	8.05	6.43	5.28	4.34	3.27	2.81	2.10	2.167	13
7:	7.07	-1	10.49	0.22	22.6		5	2513.5	20
		23.67	20.43	17.46	15.36	12.93	11.04	220.8	0.00024
	9.22	7.39	5.95	4.64	3.57	2.76	2.14	3.894	13
8:	3.55	-7	10.95	2.54	21.8		5	3770.3	15
		22.01	18.66	15.47	13.18	14.42	12.52	78.0	0.50000
	8.71	7.15	8.08	6.49	3.36	4.18	2.46	8.414	5

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	470N	460N ON	455N 470N	450N 10649N	440N 900	430N 4	420N 13:44:31	400N	380N	360N
1:	102.02	-0	3.07	0.14	9.1		5	188.5	21	
		8.15	7.14	5.80	4.90	4.24	3.26	40.6	0.00781	
	3.02	2.87	1.92	1.51	1.50	1.01	0.87	7.551	13	
2:	49.59	-9	3.41	0.03	22.3		5	377.0	21	
		8.27	6.92	5.96	5.09	4.30	3.65	72.8	0.00024	
	2.95	2.42	1.88	1.49	1.16	0.87	0.62	6.251	13	
3:	51.62	4	4.77	0.10	24.1		5	377.0	22	
		11.18	9.44	8.18	7.04	6.01	5.07	56.5	0.00781	
	4.23	3.49	2.82	2.28	1.83	1.49	1.20	1.331	13	
4:	23.48	-4	5.82	0.02	6.4		5	754.0	20	
		13.60	11.56	10.08	8.66	7.40	6.21	76.4	0.00391	
	5.13	4.18	3.42	2.74	2.19	1.75	1.40	0.661	13	
5:	12.48	-2	6.85	0.09	6.8		5	1256.7	17	
		15.78	13.42	11.82	10.15	8.66	7.26	99.8	0.00195	
	6.03	4.98	4.12	3.26	2.47	1.96	1.45	3.454	13	
6:	18.04	3	7.74	0.04	10.9		5	1099.6	22	
		17.66	15.20	13.32	11.48	9.88	8.24	101.1	0.00391	
	6.93	5.68	4.67	3.71	2.91	2.31	1.76	2.077	13	
7:	11.10	10	9.67	0.23	11.8		5	1979.3	24	
		21.31	18.41	16.24	14.07	12.08	10.26	100.5	0.01563	
	8.55	7.08	5.78	4.59	3.61	3.01	2.36	1.379	13	
8:	5.63	-1	11.21	0.15	26.6		5	3110.5	19	
		25.20	21.17	18.58	15.68	13.88	11.32	229.0	0.00024	
	10.33	8.16	6.21	4.80	3.08	2.58	2.44	9.317	13	

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	480N	460N ON	455N 480N	450N 10649N	440N 900	430N 4	420N 13:47:16	400N	380N	360N
1:	33.00	-0	9.68	4.49	8.4		5	628.3	23	
		11.70	9.90	7.98	-1.22	3.17	8.38			
	7.64	2.38	5.56	0.21	5.15	1.40	2.13		99	
2:	19.43	-9	4.58	0.09	20.9		5	942.5	20	
		11.45	9.73	8.51	7.71	6.40	4.98	81.7	0.00098	
	3.97	3.67	2.66	2.49	1.67	1.46	1.07	5.419	13	

D19_RAW.txt

3:	23.88	5	6.00	0.17	22.3		5	754.0	20
		14.23	12.10	10.56	9.26	7.80	6.41	79.9	0.00391
	5.36	4.38	3.52	2.91	2.29	1.86	1.40	1.462	13
4:	12.88	-4	7.09	0.04	5.8		5	1256.7	18
		16.39	14.02	12.24	10.55	8.96	7.52	92.8	0.00391
	6.31	5.14	4.16	3.36	2.69	2.13	1.68	0.830	13
5:	7.72	-2	7.86	0.13	6.4		5	1885.0	16
		18.03	15.53	13.58	11.83	10.14	8.32	92.3	0.00781
	7.00	5.73	4.57	3.85	3.01	2.45	1.85	1.493	13
6:	12.32	2	8.56	0.14	10.3		5	1508.0	21
		19.28	16.52	14.44	12.20	10.53	9.07	89.0	0.01563
	7.76	6.05	5.07	3.97	3.39	2.59	2.07	1.907	13
7:	8.25	11	10.25	0.27	11.2		5	2513.5	23
		22.54	19.29	16.96	14.35	12.32	10.77	89.4	0.06250
	9.29	7.40	6.09	4.77	4.16	3.27	2.69	2.453	13
8:	4.45	-1	10.95	0.52	22.9		5	3770.3	19
		25.45	21.31	18.52	14.77	13.02	11.46	96.7	0.06250
	10.50	7.40	6.56	4.77	4.69	3.54	3.27	7.705	13

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	490N	480N ON	475N 490N	470N 10669N	460N 900	450N 4	440N 13:50:25	420N	400N	380N
1:	94.73		11	4.67	0.72	13.9		5	188.5	20
		2.95	1.25	2.19	3.47	9.02	4.78			
	0.71	2.59	2.95	1.05	0.69	0.40	2.56			99
2:	42.75	-17	3.60	0.16	14.9		5	377.0	18	
		9.86	8.31	7.02	5.85	4.41	3.88	82.8	0.00024	
	3.39	2.58	1.94	1.71	1.30	1.00	0.55	5.642	12	
3:	45.01	3	4.70	0.11	16.6		5	377.0	19	
		11.44	9.63	8.31	7.09	5.97	5.02	103.7	0.00024	
	4.15	3.36	2.70	2.16	1.67	1.30	1.02	2.009	13	
4:	20.88	-5	6.39	0.06	19.4		5	754.0	17	
		14.70	12.57	10.97	9.50	8.17	6.83	62.6	0.03125	
	5.54	4.60	3.77	3.10	2.57	2.10	1.74	2.784	13	
5:	12.09	7	7.26	0.30	18.5		5	1256.7	17	
		17.00	14.64	12.71	10.87	8.99	7.73	157.4	0.00024	
	6.39	5.25	4.00	3.30	2.48	1.98	1.31	2.813	12	
6:	12.46	-8	8.67	0.09	8.9		5	1099.6	15	
		19.00	16.50	14.51	12.63	10.97	9.19	98.6	0.00781	
	7.52	6.24	5.15	4.06	3.12	2.51	1.99	2.314	13	
7:	8.52	3	9.30	0.53	28.9		5	1979.3	19	
		20.90	18.05	15.91	13.64	11.44	9.95	74.7	0.25000	
	8.25	6.57	5.57	4.70	3.82	3.51	2.86	5.824	13	
8:	6.17	10	10.74	0.32	28.7		5	3110.5	21	
		20.57	18.00	16.20	14.26	14.40	11.24	159.1	0.00098	
	8.22	7.54	6.45	4.73	2.96	2.43	2.04	11.854	13	

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	500N	480N ON	475N 500N	470N 10669N	460N 775	450N 4	440N 13:53:11	420N	400N	380N
1:	23.12		9	24.35	10.44	6.0		5	628.3	19
		7.06	11.04	14.58	10.36	21.51	26.63			
	-4.86	2.62	13.29	11.57	5.85	4.96	4.65			99

D19_RAW.txt

2:	13.04	-15	4.51	0.89	14.3		5	942.5	16
		13.46	11.15	9.33	7.96	6.07	4.59	115.4	0.00024
	5.31	4.26	2.73	2.25	1.83	1.36	1.22	10.446	7
3:	16.74	2	6.27	0.06	15.7		5	754.0	16
		15.01	12.69	10.91	9.41	8.03	6.68	137.6	0.00024
	5.55	4.47	3.51	2.94	2.31	1.76	1.31	2.913	13
4:	9.49	-6	7.55	0.06	17.0		5	1256.7	15
		17.07	14.64	12.71	11.05	9.58	8.12	87.5	0.00781
	6.53	5.41	4.33	3.62	2.82	2.31	1.85	1.516	13
5:	6.21	7	8.33	0.35	15.9		5	1885.0	15
		19.68	16.82	14.45	12.56	10.77	8.91	182.9	0.00024
	7.67	6.15	4.95	3.93	2.92	2.11	1.55	5.205	12
6:	7.01	-8	9.74	0.21	8.4		5	1508.0	14
		20.47	17.86	15.71	14.04	12.19	10.40	107.8	0.00781
	8.21	6.52	5.73	4.70	3.56	2.68	2.06	4.541	13
7:	5.16	3	9.84	0.11	24.8		5	2513.5	17
		21.49	18.58	16.24	13.95	12.15	10.59	92.8	0.03125
	8.77	7.20	5.72	4.71	3.97	2.96	2.42	1.935	13
8:	3.91	11	13.50	1.02	24.6		5	3770.3	19
		21.82	20.11	18.30	16.88	16.12	14.58	87.9	0.25000
	7.89	6.35	7.69	6.68	4.26	3.58	2.28	16.823	10

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	510N	500N ON	495N 510N	490N 10689N	480N 715	470N 4	460N 13:56:41	440N	420N	400N
1:	59.09		1	-0.01	2.19	10.0		5	188.5	16
			4.29	3.07	2.90	0.39	1.55	0.61		
	-0.17		0.29	2.24	2.04	-0.07	1.36	0.13		99
2:	41.66		-6	2.28	0.04	12.4		5	377.0	22
			5.54	4.53	3.90	3.40	2.89	2.40	47.2	0.00024
	1.96		1.56	1.18	0.96	0.79	0.48	0.38	10.536	13
3:	40.72		0	3.74	0.00	7.4		5	377.0	21
			9.32	7.78	6.70	5.77	4.81	3.98	80.6	0.00024
	3.24		2.58	2.01	1.60	1.28	0.93	0.76	5.286	13
4:	17.85		1	5.86	0.04	6.1		5	754.0	19
			14.43	12.20	10.69	9.01	7.64	6.23	100.6	0.00098
	5.20		4.41	3.41	2.74	2.13	1.86	1.33	2.598	13
5:	9.92		2	7.45	0.12	14.5		5	1256.7	17
			17.28	14.66	13.04	11.17	9.44	7.88	123.8	0.00098
	6.52		5.54	4.51	3.29	2.73	2.09	1.67	3.106	13
6:	10.66		-1	8.83	0.00	13.7		5	1099.6	16
			19.83	17.16	15.41	13.01	11.04	9.29	79.1	0.06250
	7.92		6.33	5.18	4.45	3.55	2.97	2.37	2.659	13
7:	5.26		-6	9.30	0.06	16.4		5	1979.3	15
			21.76	18.33	17.30	14.42	11.82	9.69	185.9	0.00024
	8.18		6.45	4.90	3.62	2.68	2.00	1.32	15.466	13
8:	4.10		2	9.69	1.11	37.5		5	3110.5	18
			23.72	20.13	18.87	15.15	12.54	10.22	214.9	0.00024
	8.02		6.68	5.46	4.78	3.92	3.23	2.26	3.869	8

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	520N	500N ON	495N 520N	490N 10689N	480N 715	470N 4	460N 13:59:19	440N	420N	400N
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1:	20.35	2	-8.71	10.02	9.3		6	628.3	18
		0.34	-11.85	-12.89	-8.97	-3.24	-7.70		
	-8.06	-1.90	-0.67	-2.49	-4.75	-5.30	-1.16		99
2:	16.73	-6	4.00	0.39	11.7		6	942.5	22
		9.01	7.79	6.87	6.02	4.91	4.17	51.7	0.00391
	3.62	2.77	2.22	1.73	1.70	1.32	0.90	2.635	9
3:	19.89	0	5.30	0.06	7.1		6	754.0	21
		12.97	10.98	9.48	8.18	6.64	5.62	117.6	0.00024
	4.64	3.73	2.97	2.38	1.96	1.55	1.18	1.355	13
4:	10.64	2	7.36	0.29	5.7		6	1256.7	19
		17.19	14.64	12.60	10.55	9.30	7.80	121.1	0.00098
	6.25	5.21	4.26	3.49	2.78	1.98	1.62	3.024	13
5:	6.61	1	8.30	0.10	13.7		6	1885.0	17
		19.07	16.32	14.29	12.28	10.28	8.77	154.8	0.00049
	7.23	5.81	4.83	3.66	2.95	2.20	1.85	2.878	13
6:	7.79	-2	9.60	0.45	13.0		6	1508.0	16
		21.17	18.73	16.39	13.84	11.98	10.17	100.7	0.01563
	8.52	7.05	5.97	4.73	3.76	3.00	2.26	2.003	13
7:	4.10	-6	10.30	0.12	14.9		6	2513.5	14
		22.51	20.11	17.91	15.28	13.01	10.99	99.1	0.03125
	8.96	7.39	6.36	4.96	4.13	3.50	2.50	2.722	13
8:	3.34	2	10.58	0.82	33.3		6	3770.3	18
		23.58	21.23	18.56	15.07	13.44	11.26	111.4	0.01563
	9.10	7.41	6.65	5.31	4.15	3.46	2.74	2.822	11

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	530N	520N ON	515N 530N	510N 10709N	500N 715	490N 4	480N 14:02:42	460N	440N	420N
1:	50.76		1	-1.45	0.48	5.7		6	188.5	13
			5.96	5.41	1.71	0.81	3.29	0.56		
	-0.50		-0.92	-2.50	0.74	1.44	-0.96	-0.71		99
2:	27.00		-8	2.20	0.12	6.1		6	377.0	14
			5.53	4.46	3.94	3.36	2.74	2.25	46.8	0.00024
	1.82		1.48	1.23	0.72	0.42	0.36	0.19	10.167	10
3:	34.10		9	3.27	0.07	8.3		6	377.0	18
			8.48	7.06	6.05	5.10	4.33	3.57	71.0	0.00024
	2.85		2.27	1.76	1.43	1.13	0.81	0.57	8.999	13
4:	18.89		-4	4.26	0.07	5.8		6	754.0	20
			10.81	8.99	7.64	6.54	5.44	4.50	96.1	0.00024
	3.76		3.09	2.51	2.00	1.55	1.23	0.97	1.093	13
5:	12.14		2	6.31	0.03	3.5		6	1256.7	21
			15.31	12.97	11.22	9.63	8.16	6.76	138.2	0.00024
	5.51		4.46	3.61	2.84	2.29	1.75	1.27	3.444	13
6:	12.19		1	8.49	0.20	7.0		6	1099.6	19
			19.60	16.73	14.76	12.73	10.90	9.08	110.8	0.00391
	7.51		6.12	5.04	4.06	3.29	2.56	1.90	2.076	13
7:	6.08		-1	10.50	0.42	23.3		6	1979.3	17
			22.27	19.15	16.94	15.58	14.00	11.15	80.0	2.00000
	9.36		8.23	6.78	5.58	4.68	4.52	3.53	5.877	13
8:	3.35		-6	9.26	2.72	21.9		6	3110.5	15
			22.36	21.49	19.08	15.24	11.43	11.01		
	8.24		5.34	4.84	3.91	4.25	1.35	-0.84		99

D19_RAW.txt

*	540N	520N ON	515N 540N	510N 10709N	500N 740	490N 4	480N 14:06:02	460N	440N	420N
1:	19.30		1	-11.83	1.40	6.7		5	628.3	16
	1.90	26.84	11.46	-0.26	9.23	18.96	-3.87			
		18.55	5.80	9.38	-2.69	10.21	-1.66			98
2:	12.51		-7	4.01	0.26	7.8		5	942.5	16
	2.82	7.75	7.16	6.61	5.03	3.98	4.02	74.0	0.00024	
		1.25	1.52	0.87	1.30	0.47	0.94	10.802		9
3:	18.58		9	4.37	0.19	7.9		5	754.0	19
	3.97	11.34	9.52	8.20	7.10	5.93	4.78	102.2	0.00024	
		3.29	2.65	2.11	1.56	1.35	0.96	2.372		12
4:	11.84		-4	5.66	0.15	5.3		5	1256.7	20
	4.97	13.71	11.63	9.98	8.41	7.09	6.02	121.5	0.00024	
		3.84	3.15	2.49	1.91	1.48	1.15	3.738		13
5:	8.52		2	7.14	0.15	3.4		5	1885.0	22
	6.32	17.41	14.87	12.81	10.93	9.22	7.62	156.8	0.00024	
		5.08	4.15	3.27	2.56	1.93	1.46	3.495		13
6:	9.41		2	8.93	0.41	6.8		5	1508.0	19
	7.89	20.88	18.06	15.78	13.77	11.68	9.59	195.7	0.00024	
		6.40	5.28	4.10	3.10	2.40	1.65	3.550		12
7:	5.02		-1	10.30	0.56	18.8		5	2513.5	17
	9.35	23.55	20.47	17.94	15.41	13.08	10.84	149.9	0.00195	
		7.51	6.10	4.71	3.82	2.83	2.16	2.988		12
8:	2.87		-7	8.96	2.54	17.5		5	3770.3	15
	10.20	25.77	22.01	18.93	18.48	16.29	11.06	95.3	4.00000	
		9.83	7.29	7.06	2.13	5.01	2.34	3.829		5

*	550N	540N ON	535N 550N	530N 10729N	520N 600	510N 4	500N 14:09:21	480N	460N	440N
1:	38.01		7	1.79	0.61	10.3		5	188.5	12
	1.79	4.58	3.95	6.05	2.84	-0.72	3.04			
		1.79	1.33	2.58	0.38	2.48	1.99			99
2:	21.75		-12	2.24	0.00	7.3		5	377.0	14
	2.00	5.53	4.55	3.59	3.42	3.24	2.31	19.4	0.25000	
		1.87	1.51	1.21	1.20	0.81	0.61	8.042		13
3:	23.16		1	3.15	0.01	6.8		5	377.0	15
	2.78	7.88	6.54	5.62	4.80	4.08	3.37	54.4	0.00098	
		2.28	1.82	1.49	1.19	0.95	0.77	1.418		13
4:	14.61		-6	4.30	0.06	5.9		5	754.0	18
	3.80	10.68	9.00	7.81	6.54	5.50	4.64	74.0	0.00098	
		3.09	2.51	2.04	1.54	1.30	1.06	2.126		13
5:	9.61		11	5.45	0.14	8.1		5	1256.7	20
	4.72	13.64	11.43	9.72	8.29	7.20	5.85	119.5	0.00024	
		3.95	3.13	2.45	1.90	1.43	1.09	4.697		13
6:	11.67		-3	7.17	0.26	5.5		5	1099.6	21
	6.33	17.24	14.93	13.05	10.83	9.03	7.79	95.7	0.00391	
		5.19	4.18	3.41	2.53	2.33	1.84	3.781		13
7:	5.93		0	9.98	0.80	22.1		5	1979.3	20
	9.11	22.60	18.43	16.04	14.02	12.53	10.48	112.2	0.00781	
		6.61	5.87	4.45	3.65	2.90	2.16	3.970		10

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8:	3.32	2	10.50	0.14	35.0		5	3110.5	17
		24.63	22.52	19.71	16.33	13.24	11.32	224.3	0.00024
	8.82	6.92	5.21	4.22	3.03	2.80	2.97	11.278	13

*
 560N 540N 535N 530N 520N 510N 500N 480N 460N 440N
 ON 560N 10729N 600 4 14:11:45|

1:	15.68	6	16.15	4.93	7.7		5	628.3	16
		2.47	3.20	3.64	-8.08	7.14	13.25		
	-0.67	4.09	1.75	-6.65	-1.04	-3.88	0.55		99

2:	10.72	-11	2.27	0.80	6.7		5	942.5	17
		8.46	7.44	5.77	5.11	3.52	2.49		
	3.13	1.82	1.79	1.48	1.37	0.91	0.58		99

3:	13.03	0	4.43	0.09	6.7		5	754.0	16
		10.71	9.09	7.78	6.73	5.72	4.74	85.7	0.00049
	3.88	3.19	2.57	2.06	1.63	1.29	0.96	1.743	13

4:	9.23	-6	5.93	0.15	5.6		5	1256.7	19
		13.14	11.27	9.58	8.05	7.22	6.25	120.0	0.00024
	4.84	4.02	3.09	2.36	1.96	1.48	1.12	4.777	13

5:	6.57	11	6.86	0.02	7.6		5	1885.0	21
		16.06	13.76	11.90	10.24	8.48	7.28	147.5	0.00024
	6.04	4.73	3.83	3.25	2.39	1.90	1.33	4.453	13

6:	8.62	-3	8.91	0.10	5.2		5	1508.0	22
		19.48	16.86	14.41	12.37	11.01	9.27	178.9	0.00024
	7.85	6.11	5.08	3.25	2.78	2.24	1.55	8.676	13

7:	4.72	0	10.95	0.39	19.7		5	2513.5	20
		24.19	21.32	18.64	16.24	13.66	11.62	140.1	0.00391
	9.64	7.79	6.59	5.45	4.03	3.25	2.32	3.892	13

8:	2.75	1	13.72	0.04	30.4		5	3770.3	17
		26.81	23.87	20.85	18.33	16.53	14.14	179.6	0.00195
	12.07	9.54	8.16	5.46	4.56	3.28	2.47	9.061	13

*
 570N 560N 555N 550N 540N 530N 520N 500N 480N 460N
 ON 570N 10749N 600 4 14:14:44|

1:	37.12	6	0.78	6.93	10.1		5	188.5	12
		1.29	-5.54	-5.36	10.57	9.15	0.10		
	-6.47	-5.54	-6.38	3.99	-2.03	3.80	2.39		99

2:	18.76	6	2.17	0.67	14.7		5	377.0	12
		5.39	4.80	3.99	2.84	2.43	2.18		
	2.51	2.19	1.81	-0.15	0.64	-0.01	0.25		99

3:	25.44	-23	2.82	0.07	14.7		5	377.0	16
		6.94	5.77	4.97	4.12	3.51	3.03	56.6	0.00024
	2.44	1.98	1.61	1.11	0.84	0.56	0.36	18.828	13

4:	14.90	-5	4.14	0.00	7.6		5	754.0	19
		9.77	8.30	7.19	6.20	5.27	4.40	54.7	0.00391
	3.63	2.96	2.40	2.09	1.57	1.20	0.98	2.211	13

5:	8.26	0	5.42	0.30	18.7		5	1256.7	17
		13.25	11.17	9.46	8.24	7.14	5.59	81.6	0.00195
	4.79	3.93	3.27	2.45	2.18	1.25	1.21	2.924	11

6:	11.03	5	6.70	0.78	18.6		5	1099.6	20
		15.90	13.33	11.52	10.13	8.44	7.63	98.8	0.00195
	5.57	4.75	3.62	3.30	2.39	2.17	1.98	3.469	8

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7:	6.59	-3	9.06	0.55	8.6		5	1979.3	22
	20.26	17.26	15.05	13.49	11.48	9.34	80.0	0.06250	
	7.39	6.20	4.81	4.68	3.68	3.48	2.48	7.770	12
8:	3.84	5	10.97	1.34	20.1		5	3110.5	20
	25.54	21.47	18.86	16.86	15.14	11.50	99.4	0.06250	
	8.28	7.14	5.57	7.09	4.21	4.04	3.01	12.572	9

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	580N	560N ON	555N 580N	550N 10749N	540N 330	530N 4	520N 14:17:19	500N	480N	460N
1:	8.28	7	23.82	22.41	9.2		6	628.3	16	
	39.90	29.31	-7.96	-38.70	-33.27	-8.60	-1.13			
		28.54	7.43	-0.05	13.58	13.82	-12.28		99	
2:	5.09	5	2.28	1.01	13.7		6	942.5	15	
	0.50	6.91	7.75	8.66	6.88	5.64	3.95	82.8	4096.00000	
		1.31	2.19	2.10	0.91	0.72	1.67	13.230	5	
3:	7.81	-21	3.87	0.28	13.7		6	754.0	18	
		9.58	8.21	7.33	6.19	5.28	4.34	68.2	0.00098	
	3.27	2.74	2.45	1.91	1.47	1.06	0.88	3.600	11	
4:	5.10	-5	5.48	0.21	7.0		6	1256.7	19	
		12.34	10.26	8.83	7.68	6.69	5.76	62.2	0.00781	
	5.03	4.10	3.14	2.38	2.17	1.70	1.08	6.504	13	
5:	3.06	1	5.98	0.79	15.7		6	1885.0	17	
		13.54	11.15	9.77	8.57	6.86	6.25	61.6	0.01563	
	5.42	4.19	3.61	2.75	2.37	1.09	0.74	3.426	8	
6:	4.39	4	7.74	0.78	15.6		6	1508.0	20	
		18.20	15.17	13.09	10.59	9.56	7.67	70.2	0.06250	
	7.89	6.12	4.68	3.31	1.83	2.22	1.31	6.411	9	
7:	2.81	-3	10.02	1.35	7.7		6	2513.5	21	
		22.55	17.92	14.73	12.96	11.18	10.29	74.2	2.00000	
	10.28	8.28	5.66	3.68	3.39	2.93	0.81	9.040	8	
8:	1.72	4	13.33	2.57	17.6		6	3770.3	20	
		26.28	20.55	16.49	15.16	13.77	13.47	128.4	256.00000	
	14.18	10.72	5.17	4.11	3.53	2.76	1.51	12.610	7	

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	590N	580N ON	575N 590N	570N 10769N	560N 500	550N 4	540N 14:20:34	520N	500N	480N
1:	27.91	-11	-7.34	3.00	22.6		5	188.5	11	
		7.36	7.57	-5.28	-7.57	-5.71	-6.17			
	-3.80	-1.15	2.83	-7.24	6.44	0.72	-0.40		99	
2:	15.79	-9	3.11	0.39	15.4		5	377.0	12	
		4.77	3.94	4.64	4.29	3.51	3.34	34.7	512.00000	
	2.36	1.80	0.90	1.70	0.26	0.43	0.34	10.682	7	
3:	19.54	-3	3.11	0.05	13.0		5	377.0	15	
		7.39	6.18	5.47	4.63	4.01	3.36	65.5	0.00024	
	2.72	2.17	1.66	1.39	0.98	0.71	0.57	8.526	13	
4:	11.83	22	4.76	0.18	31.4		5	754.0	18	
		10.67	9.30	7.77	6.75	5.89	4.92	42.9	32.00000	
	4.41	3.82	2.95	2.53	2.51	2.18	2.12	11.809	13	
5:	7.76	-30	4.13	0.55	34.2		5	1256.7	19	
		10.73	8.85	8.02	6.42	5.50	4.55			
	3.43	2.21	1.30	0.88	-0.22	-0.72	-1.17		98	

D19_RAW.txt

6:	8.81	-5	6.24	0.40	9.9		5	1099.6	19
	15.39	13.30	11.33	9.24	7.96	6.70	121.4	0.00049	49
	5.57	4.57	3.72	2.38	2.61	1.87	1.40	7.465	11
7:	5.18	4	8.16	0.68	13.9		5	1979.3	21
	19.35	16.75	14.41	11.94	10.58	8.69	136.5	0.00098	98
	7.33	5.85	4.67	3.65	2.88	2.40	1.69	2.003	10
8:	3.50	-3	7.27	0.61	14.2		5	3110.5	22
	23.42	20.85	15.65	10.24	9.61	7.96	69.2	2.00000	000
	6.47	6.14	7.86	2.04	6.24	3.29	2.05	26.341	11

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	600N	580N ON	575N 600N	570N 10769N	560N 500	550N 4	540N 14:23:04	520N	500N	480N
1:	10.97	-6	-0.71	9.80	17.2		5	628.3	14	
	-1.59	-1.71	-6.27	-20.37	-15.73	12.31	4.44			
		4.52	-5.41	5.60	2.02	-0.62	4.17		99	
2:	7.84	-9	4.19	0.53	14.0		5	942.5	15	
		8.92	7.99	8.44	7.28	3.50	3.77	43.6	0.01563	
	3.84	2.73	3.06	1.83	1.55	1.50	0.65	20.219	9	
3:	11.22	-3	3.96	0.04	11.7		5	754.0	17	
		10.17	8.56	7.58	6.43	5.12	4.26	89.1	0.00024	
	3.44	2.77	2.49	1.90	1.16	1.20	0.81	8.427	13	
4:	7.57	19	4.96	0.22	22.1		5	1256.7	19	
		12.20	10.34	9.02	7.77	6.50	5.29	62.2	0.00781	
	4.65	4.48	3.14	2.61	2.06	1.61	1.18	5.451	13	
5:	5.31	-26	5.89	0.57	24.5		5	1885.0	20	
		15.30	13.01	11.16	9.86	7.88	6.19	137.5	0.00024	
	5.28	4.02	3.63	3.03	1.70	1.94	1.38	4.367	10	
6:	6.44	-6	7.24	0.07	9.0		5	1508.0	19	
		17.94	14.95	12.76	11.36	9.71	7.66	80.9	0.01563	
	6.55	5.66	4.48	3.64	3.07	2.38	2.01	3.119	13	
7:	4.05	4	8.13	0.13	12.5		5	2513.5	20	
		21.18	18.17	15.53	12.74	10.14	8.37	92.9	0.01563	
	7.53	6.85	5.43	4.44	3.12	2.74	2.35	6.465	13	
8:	2.86	-3	8.63	3.30	12.6		5	3770.3	22	
		22.60	18.60	12.27	14.40	15.30	9.44			
	8.65	8.03	3.92	6.12	4.54	3.69	3.37		99	

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	610N	600N ON	595N 610N	590N 10789N	580N 340	570N 4	560N 14:26:16	540N	520N	500N
1:	18.28	4	8.52	14.08	11.9		6	188.5	10	
		-9.26	-10.04	-4.72	-4.54	-8.73	12.88			
	3.95	-15.92	6.85	6.34	-3.02	4.67	-5.57		99	
2:	11.83	-7	1.55	0.64	15.1		6	377.0	13	
		5.90	4.98	4.09	3.52	3.58	1.27	23.6	0.06250	
	1.38	2.43	0.63	0.53	0.38	0.00	0.44	6.411	5	
3:	12.66	13	3.14	0.16	30.9		6	377.0	14	
		7.07	5.86	5.03	4.46	3.64	3.30	24.0	1.00000	
	2.87	2.39	1.85	1.60	1.33	1.16	1.10	7.687	13	
4:	7.38	-12	3.52	0.57	29.9		6	754.0	16	
		9.77	8.26	7.15	5.96	4.97	3.87	85.8	0.00024	
	3.08	2.38	1.97	1.25	0.88	0.40	0.31	4.298	7	

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5:	4.92	-1	4.63	0.27	12.3		6	1256.7	18
		12.64	10.85	9.15	7.58	6.13	4.88	107.0	0.00024
	4.18	3.90	2.54	1.95	1.51	1.02	0.85	8.860	11
6:	6.14	-10	6.78	0.47	9.1		6	1099.6	20
		14.24	12.02	10.95	9.15	8.40	7.24	58.3	0.06250
	6.06	4.65	3.90	3.28	2.37	1.98	1.48	2.957	10
7:	3.32	-8	5.58	0.68	23.2		6	1979.3	19
		15.22	12.72	11.77	9.36	6.66	5.97		
	5.23	3.20	1.77	1.90	-0.05	-0.46	-0.31		98
8:	2.19	5	13.12	4.34	30.3		6	3110.5	20
		18.23	16.02	14.04	15.14	12.94	15.44		
	12.66	7.09	8.83	6.47	5.74	7.55	5.23		99

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	620N	600N ON	595N 620N	590N 10789N	580N 690	570N 4	560N 14:29:23	540N	520N	500N
1:	14.81	5	-10.30	24.11	10.6		5	628.3	13	
		34.87	38.87	26.83	7.20	-13.04	-10.61			
	7.48	11.52	-2.94	-1.40	3.11	8.40	-10.49		99	
2:	12.07	-7	3.77	1.08	14.0		5	942.5	16	
		6.03	4.59	4.40	4.61	4.74	3.99			
	2.53	1.97	2.08	1.60	1.03	0.51	1.21		99	
3:	15.05	9	3.97	0.03	23.6		5	754.0	16	
		9.77	8.26	7.22	6.27	5.07	4.24	78.0	0.00049	
	3.45	2.89	2.35	1.87	1.45	1.17	0.92	1.429	13	
4:	9.85	-9	5.15	0.19	21.5		5	1256.7	18	
		11.42	9.60	8.31	7.30	6.45	5.46	49.2	0.03125	
	4.52	3.71	3.08	2.53	2.10	1.60	1.24	2.035	13	
5:	7.05	-1	6.69	0.13	10.4		5	1885.0	19	
		14.62	12.45	10.95	9.44	8.46	7.13	84.0	0.00391	
	5.66	4.85	3.81	3.12	2.36	1.74	1.55	4.271	13	
6:	9.34	-9	7.44	0.69	8.2		5	1508.0	20	
		18.52	15.75	13.70	11.64	9.20	7.90	101.8	0.00391	
	6.68	5.92	4.61	3.76	2.90	2.27	1.60	3.350	10	
7:	5.35	-7	9.12	1.64	17.1		5	2513.5	19	
		21.61	18.76	16.60	13.97	11.50	9.70	135.8	0.00195	
	8.07	6.89	5.25	4.17	2.90	2.03	0.84	1.572	6	
8:	3.69	4	11.01	4.56	22.6		5	3770.3	20	
		23.51	20.22	16.39	15.26	13.27	11.67			
	9.31	9.24	8.43	7.26	5.58	5.08	4.14		99	

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	630N	620N ON	615N 630N	610N 10809N	600N 801	590N 4	580N 14:32:07	560N	540N	520N
1:	45.43	-4	0.67	1.96	8.7		5	188.5	11	
		3.17	-0.64	-0.74	0.04	-1.23	-1.11			
	1.61	-3.02	-5.78	-5.10	-8.36	1.06	-3.33		99	
2:	26.29	1	2.55	0.07	11.7		5	377.0	12	
		5.84	5.01	4.47	3.79	3.35	2.85	22.2	8.00000	
	2.19	2.12	2.04	1.68	1.62	0.84	1.05	13.132	13	
3:	30.67	-1	3.02	0.05	11.7		5	377.0	14	
		7.14	5.96	5.15	4.45	3.82	3.23	40.0	0.00391	
	2.68	2.20	1.83	1.47	1.17	0.90	0.71	1.720	13	

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4:	18.05	-4	3.98	0.08	16.5		5	754.0	17
		9.38	7.93	6.88	5.97	4.99	4.26	58.9	0.00195
	3.52	2.87	2.41	1.91	1.42	1.14	0.91	2.434	13
5:	11.31	21	5.05	0.03	34.7		5	1256.7	18
		12.14	10.01	8.58	7.46	6.24	5.37	104.8	0.00024
	4.18	3.60	2.84	2.29	1.92	1.08	0.76	13.493	13
6:	13.90	-20	7.00	0.25	24.2		5	1099.6	19
		15.27	13.22	11.69	10.09	8.67	7.43	62.7	0.06250
	6.44	5.17	4.33	3.63	2.63	2.28	1.92	2.994	13
7:	8.28	-9	8.30	0.50	11.2		5	1979.3	20
		18.98	16.10	13.97	12.19	10.51	8.91	87.8	0.01563
	7.29	6.09	5.14	4.04	3.25	2.54	2.10	1.367	12
8:	4.96	-3	8.99	0.28	33.0		5	3110.5	19
		23.86	19.82	16.56	14.10	11.26	9.85	201.5	0.00024
	8.14	6.71	5.11	4.17	2.92	3.09	1.70	8.721	13

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	640N	620N ON	615N 640N	610N 10809N	600N 801	590N 4	580N 14:34:35	560N	540N	520N
1:	18.77	-4	11.50	9.98	8.0		6	628.3	15	
		-9.89	-4.86	7.05	7.83	7.42	17.09			
	16.34	8.44	2.52	13.46	9.44	12.80	0.75		99	
2:	13.57	0	2.86	0.39	11.4		6	942.5	16	
		8.66	7.08	5.62	4.75	4.00	2.81	69.3	0.00024	
	2.28	2.07	2.01	1.04	0.94	0.47	0.81	10.594	9	
3:	18.15	-2	3.98	0.03	11.2		6	754.0	17	
		9.49	7.98	6.90	5.96	5.07	4.24	52.7	0.00391	
	3.53	2.90	2.36	1.88	1.49	1.20	0.94	0.853	13	
4:	11.87	-3	5.06	0.05	15.1		6	1256.7	19	
		11.69	9.92	8.69	7.45	6.43	5.45	59.6	0.00781	
	4.49	3.68	2.97	2.46	1.96	1.61	1.16	2.041	13	
5:	7.96	19	5.95	0.10	27.8		6	1885.0	19	
		14.39	12.19	10.45	8.87	7.60	6.35	100.4	0.00098	
	5.17	4.28	3.57	2.75	2.18	1.68	1.41	1.823	13	
6:	10.39	-19	7.57	0.14	20.2		6	1508.0	20	
		16.97	14.47	12.86	11.21	9.54	8.19	73.1	0.03125	
	6.76	5.44	4.52	3.79	2.89	2.55	1.83	2.619	13	
7:	6.53	-9	8.74	0.18	10.1		6	2513.5	20	
		20.15	17.19	15.02	13.02	11.12	9.32	93.0	0.01563	
	7.81	6.34	5.13	4.23	3.41	2.88	2.21	1.711	13	
8:	4.06	-3	11.47	0.62	29.9		6	3770.3	19	
		24.53	20.78	19.11	16.01	13.79	12.52	93.7	0.12500	
	10.20	8.57	6.28	6.02	4.64	3.98	2.48	4.371	12	

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	650N	640N ON	635N 650N	630N 10829N	620N 801	610N 4	600N 14:38:31	580N	560N	540N
1:	46.09	4	2.10	5.07	7.4		5	188.5	11	
		8.86	7.21	2.87	4.28	8.60	2.27			
	2.52	0.30	-0.53	0.00	2.88	-3.82	3.70		99	
2:	26.02	1	2.16	0.33	9.3		5	377.0	12	
		5.27	4.41	3.86	3.26	2.45	2.26	22.0	0.03125	
	2.01	1.84	1.41	1.16	0.70	0.93	0.16	7.184	8	

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3:	32.00	-1	3.19	0.00	10.9		5	377.0	15
		7.36	6.16	5.37	4.66	3.95	3.37	26.5	0.25000
	2.88	2.44	2.01	1.68	1.34	1.21	0.96	4.296	13
4:	18.27	-7	4.10	0.00	10.3		5	754.0	17
		9.56	8.02	6.89	6.04	5.25	4.35	88.7	0.00024
	3.63	2.91	2.32	1.86	1.45	1.10	0.84	3.769	13
5:	11.52	1	5.08	0.00	13.3		5	1256.7	18
		11.92	10.09	8.73	7.59	6.30	5.40	67.3	0.00391
	4.55	3.93	3.12	2.59	1.89	1.59	1.08	4.714	13
6:	13.79	14	6.24	0.17	19.7		5	1099.6	19
		14.59	12.37	10.74	9.44	8.17	6.67	130.7	0.00024
	5.49	4.47	3.49	2.69	2.12	1.40	1.07	9.783	13
7:	7.83	-13	8.05	0.01	23.5		5	1979.3	19
		18.79	15.95	13.57	12.03	10.33	8.60	162.4	0.00024
	7.06	5.54	4.27	3.28	2.40	1.60	1.39	12.158	13
8:	5.16	-9	10.73	2.27	16.1		5	3110.5	20
		22.18	18.63	16.84	15.91	14.99	11.50	83.2	4.00000
	9.37	7.50	6.40	5.15	5.41	2.19	4.16	4.779	6

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	660N	640N ON	635N 660N	630N 10829N	620N 801	610N 4	600N 14:40:55	580N	560N	540N
1:	18.48		4	3.27	5.08	6.9		5	628.3	14
		6.23	6.34	3.87	6.42	14.91	5.45			
	-0.60	3.56	4.93	-7.60	-2.17	0.68	-1.75			99
2:	13.01	-1	3.21	0.40	8.5		5	942.5	15	
		7.56	6.38	5.59	4.69	3.62	3.34	25.8	1.00000	
	3.01	2.33	1.86	2.26	1.63	1.23	1.07	11.686	9	
3:	18.46	-0	4.03	0.03	9.9		5	754.0	17	
		9.47	7.98	6.93	5.93	5.03	4.26	59.3	0.00195	
	3.58	2.89	2.38	1.92	1.50	1.14	0.89	2.190	13	
4:	11.78	-7	5.19	0.02	9.0		5	1256.7	18	
		11.91	10.08	8.75	7.63	6.57	5.53	60.8	0.00781	
	4.58	3.78	3.10	2.49	1.97	1.56	1.26	1.063	13	
5:	7.95	2	5.95	0.28	11.6		5	1885.0	19	
		13.88	11.83	10.21	8.81	7.50	6.34	70.0	0.00781	
	5.25	4.39	3.49	2.96	2.28	1.79	1.41	1.488	13	
6:	10.14	13	7.35	0.04	18.0		5	1508.0	19	
		16.64	14.21	12.28	10.85	9.39	7.84	85.3	0.00781	
	6.50	5.36	4.45	3.53	2.65	2.12	1.83	2.889	13	
7:	6.11	-12	9.25	0.45	20.6		5	2513.5	19	
		19.97	16.93	15.18	13.44	11.70	9.77	103.7	0.00781	
	8.15	6.61	5.67	4.30	3.11	2.49	2.15	5.193	12	
8:	4.17	-9	9.95	0.73	14.0		5	3770.3	20	
		22.56	19.54	16.64	14.57	13.78	10.71	105.1	0.01563	
	8.18	7.41	6.60	4.40	2.61	2.41	2.19	6.045	10	

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	670N	660N ON	655N 670N	650N 10849N	640N 640	630N 4	620N 14:46:03	600N	580N	560N
1:	36.62	-6	2.70	0.30	8.6		6	188.5	11	
		6.92	6.06	6.59	3.72	1.19	1.88			
	3.38	2.02	-0.72	-0.07	0.93	1.07	-0.07			

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2:	22.30	11	2.43	0.08	9.0		6	377.0	13
		5.40	4.49	3.77	3.45	3.11	2.61	23.4	0.03125
	2.08	1.69	1.64	1.25	0.96	0.72	0.57	5.383	13
3:	25.70	-11	3.08	0.01	8.9		6	377.0	15
		7.24	6.08	5.30	4.57	3.84	3.29	45.5	0.00195
	2.75	2.26	1.75	1.41	1.13	0.89	0.72	1.767	13
4:	14.35	3	3.96	0.13	18.7		6	754.0	17
		9.24	7.86	6.84	5.89	4.99	4.22	47.1	0.00781
	3.50	2.93	2.41	1.97	1.59	1.18	0.93	2.204	13
5:	9.46	3	5.09	0.13	21.7		6	1256.7	19
		11.77	10.02	8.57	7.45	6.41	5.39	107.6	0.00024
	4.48	3.59	3.00	2.26	1.67	1.28	0.94	6.732	13
6:	11.01	-6	6.31	0.20	12.7		6	1099.6	19
		14.46	12.61	11.12	9.60	7.94	6.80	74.5	0.00781
	5.59	4.63	3.67	3.06	2.39	1.90	1.56	1.489	13
7:	6.13	5	10.00	0.91	8.8		6	1979.3	19
		20.40	17.79	15.84	13.83	11.88	10.49	76.8	0.25000
	9.08	7.59	5.81	5.10	4.49	3.90	3.42	2.382	10
8:	3.87	-7	6.37	1.61	11.8		6	3110.5	19
		19.08	16.16	13.70	11.33	8.95	7.08		
	5.19	3.90	2.81	1.87	0.79	-0.36	-1.40		98

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	680N	660N ON	655N 680N	650N 10849N	640N 640	630N 4	620N 14:48:46	600N	580N	560N
1:	13.71		-5	3.74	0.70	8.4		5	628.3	13
		7.41	15.48	18.78	13.78	13.89	9.48	1.04		
			-2.28	5.29	3.90	1.97	-1.57	2.56		98
2:	10.72		10	3.17	0.23	8.6		5	942.5	16
			7.51	5.86	5.05	4.15	3.77	3.56	40.0	0.00391
	2.48		2.51	1.87	1.27	1.05	0.42	0.52	8.463	10
3:	14.46		-10	4.11	0.02	8.4		5	754.0	17
			9.72	8.24	7.18	6.21	5.24	4.35	61.0	0.00195
	3.64		2.90	2.39	1.94	1.52	1.26	0.92	1.803	13
4:	9.08		2	4.85	0.13	15.6		5	1256.7	18
			11.48	9.75	8.55	7.27	6.18	5.19	106.4	0.00024
	4.25		3.53	2.93	2.38	1.69	1.24	1.00	5.418	13
5:	6.44		3	6.21	0.01	18.1		5	1885.0	19
			14.19	12.00	10.54	9.01	7.77	6.62	65.3	0.01563
	5.36		4.57	3.61	3.04	2.48	1.97	1.40	2.802	13
6:	8.01		-5	7.17	0.10	11.9		5	1508.0	19
			16.62	14.33	12.60	10.91	9.16	7.66	120.0	0.00098
	6.23		5.10	4.31	3.45	2.86	1.82	1.63	5.164	13
7:	4.75		4	8.65	0.34	8.5		5	2513.5	19
			19.81	17.20	15.29	12.95	10.94	9.13	92.6	0.01563
	7.66		6.24	5.15	4.22	3.66	2.59	2.32	3.400	13
8:	3.13		-5	9.24	0.25	10.7		5	3770.3	18
			21.87	18.77	16.63	14.31	11.97	9.83	202.9	0.00024
	7.96		6.69	5.41	4.67	3.73	2.05	2.03	8.924	13

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	690N	680N ON	675N 690N	670N 10869N	660N 640	650N 4	640N 14:51:37	620N	600N	580N
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1:	34.81	-7	0.26	0.82	9.6		5	188.5	10
		4.73	-0.31	1.22	-1.26	0.94	0.20		
	4.48	3.24	7.50	3.46	0.01	1.26	0.11		99
2:	22.89	5	2.73	0.22	17.5		5	377.0	13
		5.94	4.94	4.16	3.73	3.04	2.84	47.3	0.00049
	2.20	1.86	1.22	1.10	0.88	0.77	0.56	6.413	10
3:	24.35	0	3.24	0.06	15.4		5	377.0	14
		7.49	6.31	5.60	4.81	4.12	3.42	61.1	0.00049
	2.80	2.31	1.72	1.47	1.23	0.93	0.66	4.026	13
4:	14.08	-6	4.12	0.04	7.7		5	754.0	17
		9.54	8.09	7.15	6.09	5.29	4.45	54.6	0.00391
	3.63	3.02	2.57	2.03	1.62	1.23	0.91	3.284	13
5:	9.38	2	5.16	0.00	11.0		5	1256.7	18
		11.77	9.91	8.68	7.55	6.47	5.48	108.2	0.00024
	4.41	3.49	2.67	2.27	1.81	1.35	0.98	4.684	13
6:	10.97	5	6.72	0.02	11.1		5	1099.6	19
		14.97	12.77	11.22	9.61	8.32	7.19	54.3	0.25000
	6.01	5.05	4.52	3.63	2.81	2.26	1.89	2.850	13
7:	6.12	-5	8.09	0.06	13.3		5	1979.3	19
		17.90	15.13	13.66	11.40	10.05	8.57	92.3	0.00781
	7.10	5.81	4.89	3.85	2.99	2.27	1.94	2.856	13
8:	3.80	3	9.21	0.13	11.1		5	3110.5	18
		20.50	16.45	15.71	11.80	10.75	9.60	70.7	2.00000
	9.09	7.40	7.52	6.02	4.15	3.30	2.70	9.337	13

*

	700N	680N ON	675N 700N	670N 10869N	660N 640	650N 4	640N 14:54:03	620N	600N	580N
1:	13.51	-7	-0.64	0.93	9.0		5	628.3	13	
		4.80	7.05	0.06	-6.91	-8.49	-4.40			
	-0.08	14.87	7.72	5.62	12.56	-2.44	4.31		98	
2:	11.33	5	3.68	0.09	15.5		5	942.5	17	
		8.03	6.52	6.01	5.53	4.86	3.87	71.8	0.00024	
	3.06	1.78	1.83	1.49	0.84	1.26	0.55	19.850	13	
3:	14.14	1	4.14	0.09	13.5		5	754.0	17	
		9.74	8.11	7.07	6.24	5.35	4.42	89.2	0.00024	
	3.64	2.88	2.29	1.82	1.33	1.13	0.89	3.936	13	
4:	9.17	-6	5.14	0.08	7.0		5	1256.7	18	
		11.93	10.12	8.79	7.50	6.42	5.52	55.0	0.01563	
	4.58	3.84	3.02	2.47	2.07	1.60	1.29	1.419	13	
5:	6.54	1	6.14	0.23	10.1		5	1885.0	19	
		14.29	12.15	10.47	9.24	8.00	6.52	101.9	0.00098	
	5.44	4.39	3.49	2.88	2.14	1.74	1.37	2.638	13	
6:	8.13	5	7.27	0.11	10.4		5	1508.0	19	
		16.71	14.46	12.34	10.72	9.31	7.67	77.8	0.01563	
	6.42	5.57	4.61	3.63	2.99	2.22	1.69	3.152	13	
7:	4.81	-4	8.39	0.11	12.4		5	2513.5	19	
		19.40	17.25	14.57	12.45	10.96	8.87	141.3	0.00098	
	7.65	6.40	5.19	4.01	3.24	2.43	1.69	5.361	13	
8:	3.11	2	8.98	0.32	10.6		5	3770.3	18	
		21.16	19.23	15.32	12.85	10.82	9.71	72.7	1.00000	
	8.18	8.52	6.30	5.12	4.90	3.04	3.21	9.921	13	

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*	710N	700N ON	695N 710N	690N 10889N	680N 640	670N 4	660N 14:56:57	640N	620N	600N
1:	32.73	-0	-1.18	4.09	9.1	5	188.5	10		
	-1.61	10.12	8.42	4.99	1.93	4.83	-1.01			99
		0.90	0.47	2.10	1.03	1.94	-0.48			
2:	21.86	-6	2.37	0.44	7.9	5	377.0	13		
		4.97	4.09	3.66	3.36	2.63	2.39	21.5	0.03125	
	2.18	1.59	1.15	0.72	0.69	0.52	0.57	3.434	6	
3:	24.18	5	2.79	0.01	7.1	5	377.0	14		
		6.84	5.68	4.85	4.16	3.54	2.95	60.6	0.00024	
	2.44	1.97	1.59	1.27	0.96	0.74	0.54	4.657	13	
4:	14.47	-1	4.19	0.11	12.5	5	754.0	17		
		9.66	8.23	6.99	5.94	5.09	4.39	32.8	1.00000	
	3.76	3.22	2.59	2.26	1.91	1.62	1.39	6.235	13	
5:	9.15	-1	4.66	0.10	14.2	5	1256.7	18		
		11.25	9.52	8.30	7.16	6.14	4.99	94.0	0.00024	
	4.01	3.01	2.44	1.65	1.27	0.83	0.43	16.492	12	
6:	11.18	-4	6.03	0.07	7.3	5	1099.6	19		
		14.69	12.58	11.01	9.54	8.32	6.48	133.9	0.00024	
	5.28	4.39	3.49	2.80	2.06	1.73	1.19	5.316	13	
7:	6.23	5	7.41	0.11	10.3	5	1979.3	19		
		17.93	15.32	13.09	11.39	9.89	7.90	143.0	0.00049	
	6.53	5.24	4.18	3.33	2.63	2.08	1.85	3.356	13	
8:	3.86	-5	8.14	0.98	12.0	5	3110.5	19		
		22.23	19.08	16.30	12.77	11.72	9.01	192.5	0.00024	
	6.66	6.14	4.83	4.86	3.51	2.96	1.97	5.801	8	

*	720N	700N ON	695N 720N	690N 10889N	680N 455	670N 4	660N 15:00:29	640N	620N	600N
1:	9.42	0	-1.64	10.47	7.2	5	628.3	13		
	-0.34	7.00	7.11	-0.15	1.26	3.92	5.81			99
		1.66	-0.98	0.88	6.93	2.93	1.64			
2:	7.85	-5	3.40	0.50	7.9	5	942.5	16		
		7.40	6.08	5.64	4.80	3.99	3.45	29.8	0.06250	
	3.10	2.46	2.16	1.86	1.09	0.93	0.90	3.174	7	
3:	10.07	4	3.87	0.00	7.0	5	754.0	17		
		9.01	7.54	6.51	5.67	4.88	4.10	45.4	0.00781	
	3.44	2.78	2.33	1.86	1.46	1.13	0.95	1.743	13	
4:	6.71	-3	4.95	0.13	10.1	5	1256.7	19		
		11.37	9.71	8.39	7.19	6.18	5.18	71.4	0.00195	
	4.32	3.44	2.82	2.26	1.87	1.58	0.93	6.240	13	
5:	4.53	1	5.75	0.38	11.5	5	1885.0	19		
		13.61	11.66	10.01	8.50	7.15	6.10	124.0	0.00024	
	5.00	3.93	3.17	2.41	1.90	1.38	1.12	2.555	10	
6:	5.87	-4	6.97	0.11	6.7	5	1508.0	19		
		16.10	13.96	11.92	10.28	8.86	7.50	101.4	0.00195	
	6.04	4.82	3.86	3.28	2.79	2.16	1.38	5.433	13	
7:	3.45	5	8.49	0.35	9.1	5	2513.5	19		
		19.24	16.38	14.16	12.17	10.27	9.31	97.6	0.00781	
	7.27	6.12	5.32	4.06	3.34	2.30	1.33	4.420	12	

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8:	2.22	-5	8.40	1.65	10.6		5	3770.3	18
		21.38	19.30	15.47	12.93	11.19	9.93	132.9	0.00195
	7.42	6.03	5.28	3.68	4.26	3.10	2.55	3.362	6

*
 730N 720N 715N 710N 700N 690N 680N 660N 640N 620N
 ON 730N 10909N 640 4 15:03:43|

1:	35.16	-8	0.08	1.07	16.5		5	188.5	10
		5.46	4.28	3.63	3.08	1.40	-0.20		
	0.48	0.44	-0.07	0.25	0.61	-0.72	0.95		99

2:	21.64	-4	2.03	0.02	9.1		5	377.0	13
		4.97	4.05	3.62	3.10	2.73	2.25	39.9	0.00024
	1.86	1.69	1.15	0.73	0.49	0.42	0.17	33.912	13

3:	25.77	-1	2.55	0.03	8.6		5	377.0	15
		6.36	5.25	4.55	3.96	3.27	2.71	56.6	0.00024
	2.28	1.88	1.50	1.17	0.91	0.68	0.50	4.825	13

4:	14.35	-4	3.69	0.05	6.6		5	754.0	17
		8.71	7.36	6.45	5.51	4.65	3.88	44.0	0.00781
	3.30	2.66	2.24	1.80	1.48	1.13	0.89	1.489	13

5:	9.42	4	4.77	0.07	7.4		5	1256.7	19
		10.98	9.22	8.06	7.00	5.90	5.00	61.4	0.00391
	4.21	3.39	2.80	2.21	1.78	1.37	1.05	2.208	13

6:	11.38	-2	5.90	0.24	7.4		5	1099.6	20
		14.21	12.12	10.58	8.98	7.39	6.21	59.7	0.03125
	5.42	4.55	3.75	2.99	2.44	1.96	1.65	2.982	13

7:	6.39	-5	7.83	0.15	13.3		5	1979.3	20
		18.07	15.69	14.02	12.11	9.89	8.16	165.6	0.00024
	7.03	5.53	4.58	3.51	2.62	1.77	1.46	8.571	13

8:	3.92	6	7.50	0.29	13.5		5	3110.5	19
		19.99	17.25	14.48	13.48	10.72	7.12	176.3	0.00024
	6.86	5.50	4.41	3.06	2.80	2.29	2.22	10.203	13

*
 740N 720N 715N 710N 700N 690N 680N 660N 640N 620N
 ON 740N 10909N 800 4 15:06:39|

1:	17.34	-5	0.06	1.42	13.9		5	628.3	14
		5.80	4.14	5.92	3.66	2.20	-0.14		
	-0.72	1.82	0.55	-0.85	0.88	3.70	1.39		99

2:	13.54	-4	2.75	0.06	8.8		5	942.5	16
		6.58	5.68	4.66	4.02	3.43	2.91	58.2	0.00024
	2.46	1.98	1.45	1.43	1.02	0.52	0.48	14.263	13

3:	18.74	-1	3.50	0.04	8.4		5	754.0	18
		8.21	6.91	5.97	5.12	4.38	3.70	45.8	0.00391
	3.08	2.50	2.03	1.65	1.30	1.06	0.83	0.894	13

4:	11.61	-4	4.62	0.02	6.2		5	1256.7	18
		10.59	8.95	7.81	6.74	5.77	4.87	66.8	0.00195
	4.04	3.31	2.70	2.13	1.66	1.31	0.99	2.687	13

5:	8.14	4	5.57	0.06	6.6		5	1885.0	19
		12.73	10.88	9.45	8.09	6.96	5.86	64.4	0.00781
	5.00	3.99	3.17	2.51	1.97	1.71	1.40	2.966	13

6:	10.46	-2	6.84	0.07	6.7		5	1508.0	20
		15.58	13.37	11.69	10.05	8.59	7.16	88.2	0.00391
	6.01	4.96	4.00	3.10	2.49	2.09	1.54	2.049	13

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7:	6.23	-5	8.71	0.20	12.6		5	2513.5	20	
	19.20	16.50	14.51	12.65	10.78	9.08	89.5	0.01563		
	7.79	6.09	5.07	4.02	2.98	2.86	2.11	3.997	13	
8:	3.98	6	9.56	0.24	12.7		5	3770.3	19	
	21.26	18.51	16.26	13.72	12.07	9.78	121.1	0.00391		
	8.33	6.47	5.60	4.28	3.43	3.19	2.03	4.863	13	
*	750N	740N ON	735N 750N	730N 10929N	720N 500	710N 4	700N 15:09:40	680N	660N	640N
1:	27.00	11	0.30	0.21	11.4		5	188.5	10	
	4.71	3.12	-0.16	-0.81	-6.09	-4.55				
	3.06	-0.19	0.47	6.92	-6.50	3.96	-2.89		98	
2:	16.68	-11	2.58	0.04	14.7		5	377.0	13	
	5.14	4.37	4.09	3.71	3.40	2.96	20.5	8.00000		
	2.16	2.06	1.73	1.00	1.72	0.83	0.99	18.104	13	
3:	18.95	4	2.76	0.13	14.1		5	377.0	14	
	6.35	5.31	4.59	3.96	3.40	2.91	25.0	0.06250		
	2.44	2.01	1.65	1.37	1.08	0.89	0.81	4.154	13	
4:	11.22	-10	3.66	0.00	12.1		5	754.0	17	
	8.29	7.02	6.09	5.34	4.70	3.89	30.3	0.25000		
	3.29	2.74	2.27	1.90	1.62	1.38	1.09	3.918	13	
5:	7.51	2	4.87	0.10	8.9		5	1256.7	19	
	10.38	8.93	7.80	6.87	6.01	5.20	36.9	2.00000		
	4.29	3.63	3.13	2.40	2.21	1.79	1.73	6.717	13	
6:	8.65	-0	6.01	0.30	7.5		5	1099.6	19	
	13.21	11.31	9.85	8.67	7.28	6.23	46.5	0.50000		
	5.47	4.36	3.84	3.05	2.37	2.04	2.08	7.328	13	
7:	4.91	-4	7.62	0.20	8.9		5	1979.3	19	
	17.28	14.92	12.66	11.10	9.46	8.04	68.2	0.06250		
	6.76	5.53	4.66	3.84	2.99	2.27	2.25	4.857	13	
8:	3.07	-2	9.38	2.01	14.0		5	3110.5	19	
	19.96	17.48	15.34	13.19	10.38	9.45	125.9	0.00195		
	8.81	7.67	6.89	6.01	3.16	4.49	4.04	2.803	5	
*	760N	740N ON	735N 760N	730N 10929N	720N 693	710N 4	700N 15:12:17	680N	660N	640N
1:	15.94	13	0.32	12.01	9.4		5	628.3	14	
	-17.79	-13.48	8.32	19.51	-6.71	-5.04				
	-5.29	9.68	-2.02	6.83	8.04	-12.93	0.23		99	
2:	12.27	-12	2.73	0.64	12.6		5	942.5	17	
	7.90	6.62	4.39	3.15	4.04	3.26	67.0	0.00024		
	2.76	1.33	1.56	0.74	0.69	1.64	0.50	10.564	5	
3:	15.92	4	3.51	0.04	13.3		5	754.0	17	
	8.05	6.83	5.96	5.24	4.44	3.73	32.3	0.06250		
	3.19	2.69	2.14	1.82	1.42	1.09	1.00	3.363	13	
4:	10.36	-9	4.48	0.00	11.2		5	1256.7	19	
	10.06	8.68	7.49	6.54	5.75	4.84	48.0	0.01563		
	4.00	3.34	2.77	2.41	2.10	1.74	0.69	17.129	13	
5:	7.36	1	5.20	0.26	7.9		5	1885.0	20	
	12.02	10.13	8.49	7.19	6.65	5.57	108.1	0.00024		
	4.53	3.52	2.85	2.13	1.48	1.38	0.96	7.043	12	

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6:	8.98	1	6.54	0.16	6.7	5	1508.0	20
	13.98		12.18	11.05	9.95	8.19	7.00	93.9 0.00195
	5.80	5.31	3.87	3.28	2.34	1.38	0.78	11.766 12
7:	5.39	-4	8.34	0.58	8.2	5	2513.5	20
	18.31		15.63	13.65	12.22	10.64	8.88	67.5 0.25000
	7.72	6.47	5.05	4.76	3.62	2.79	2.89	3.341 11
8:	3.51	-3	8.51	0.84	13.0	5	3770.3	19
	17.69		15.52	15.43	14.95	10.39	9.19	
	9.22	9.26	5.33	5.67	3.75	0.52	-0.28	98

*

	770N	760N ON	755N 770N	750N 10949N	740N 693	730N 4	720N 15:15:21	700N	680N	660N
1:	34.49	-1	8.22	3.25	6.9	5	188.5	9		
	6.73	4.06	3.97	4.01	1.22	1.12	6.45			
		2.09	-0.98	2.41	0.60	-0.45	-0.12	99		
2:	22.67	0	1.81	0.35	11.6	5	377.0	12		
	4.58		3.84	3.31	2.86	2.39	2.02	28.4 0.00195		
	1.56	1.28	1.36	0.69	0.58	0.39	0.30	0.838 6		
3:	27.35	-3	2.34	0.06	11.6	5	377.0	15		
	5.84		4.80	4.16	3.51	2.99	2.52	50.4 0.00024		
	2.06	1.67	1.46	0.95	0.77	0.56	0.44	8.377 13		
4:	16.90	-0	3.37	0.07	9.4	5	754.0	18		
	7.51		6.36	5.51	4.78	4.13	3.56	67.8 0.00024		
	2.86	2.31	1.73	1.56	1.03	0.75	0.52	11.325 13		
5:	10.51	10	4.25	0.27	22.5	5	1256.7	19		
	9.93		8.37	7.42	6.07	5.38	4.70	42.1 0.03125		
	3.79	3.12	2.64	2.18	1.71	1.31	0.97	2.143 11		
6:	12.65	-12	4.85	0.29	19.6	5	1099.6	20		
	11.69		9.78	8.53	7.24	6.08	5.01	103.5 0.00024		
	4.20	3.34	2.38	1.97	1.35	0.98	0.56	4.936 10		
7:	6.83	1	6.86	0.81	11.5	5	1979.3	20		
	15.85		13.34	11.57	10.03	8.68	7.46	67.1 0.03125		
	6.07	5.16	4.01	3.40	2.62	2.23	1.73	1.494 8		
8:	4.32	-2	9.95	1.20	10.9	5	3110.5	19		
	17.54		14.80	12.40	10.22	9.78	9.60	68.1 16.00000		
	8.83	6.82	3.06	4.23	1.68	1.64	1.21	8.301 8		

*

	780N	760N ON	755N 780N	750N 10949N	740N 870	730N 4	720N 15:18:11	700N	680N	660N
1:	17.68	-1	-2.07	4.99	6.0	5	628.3	13		
	2.83		-1.95	-8.40	2.70	-2.95	-1.62			
	-2.91	-0.75	2.32	1.98	0.24	0.90	3.78	99		
2:	14.64	-0	2.89	0.10	10.2	5	942.5	16		
	6.57		5.73	5.25	4.14	3.47	3.06	34.2 0.00781		
	2.73	1.95	1.55	1.41	1.42	0.95	0.58	10.532 13		
3:	20.43	-2	3.25	0.12	10.3	5	754.0	18		
	7.55		6.41	5.62	4.67	4.08	3.46	61.5 0.00049		
	2.84	2.34	1.86	1.48	1.23	0.95	0.62	5.360 13		
4:	13.95	-0	4.10	0.10	8.1	5	1256.7	20		
	9.34		7.92	6.85	5.98	5.10	4.33	40.0 0.03125		
	3.64	3.04	2.46	2.02	1.71	1.25	1.05	1.969 13		

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5:	9.20	9	5.02	0.13	18.5		5	1885.0	20
		11.31	9.74	8.70	7.24	6.27	5.31	65.0	0.00391
	4.53	3.75	2.94	2.26	1.99	1.48	1.06	4.225	13
6:	11.72	-11	5.92	0.09	16.2		5	1508.0	20
		13.31	11.40	9.86	8.53	7.34	6.26	53.7	0.06250
	5.35	4.55	3.70	3.04	2.48	1.86	1.60	2.265	13
7:	6.70	1	7.33	0.07	10.0		5	2513.5	19
		16.20	14.05	12.21	10.54	8.96	7.75	62.0	0.12500
	6.92	5.77	4.75	3.84	3.17	2.24	1.93	3.763	13
8:	4.41	-2	8.24	0.81	9.4		5	3770.3	19
		18.69	15.78	12.51	12.90	10.52	9.25	65.4	1.00000
	7.81	6.80	5.58	5.10	4.02	3.01	3.01	5.463	10

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	790N	780N ON	775N 790N	770N 10969N	760N 870	750N 4	740N 15:21:47	720N	700N	680N
1:	46.29	-2	3.74	0.16	10.7		6	188.5	10	
		8.64	3.35	-5.72	-1.36	1.86	4.41			
	4.77	-0.67	3.64	1.79	4.07	2.39	-2.34		98	
2:	26.88	8	1.91	0.12	14.3		6	377.0	12	
		4.39	3.85	3.83	3.13	2.57	2.11	16.5	0.50000	
	1.68	1.65	1.16	1.14	0.82	0.75	0.78	11.072	13	
3:	33.57	-0	2.12	0.04	8.0		6	377.0	15	
		5.31	4.38	3.82	3.24	2.74	2.25	46.0	0.00024	
	1.89	1.54	1.21	0.96	0.71	0.55	0.36	8.628	13	
4:	19.35	-4	3.18	0.07	11.8		6	754.0	17	
		7.32	6.15	5.32	4.57	3.93	3.38	30.9	0.03125	
	2.74	2.28	1.87	1.48	1.29	1.03	0.85	3.129	13	
5:	13.46	1	3.69	0.04	12.8		6	1256.7	19	
		9.19	7.77	6.77	5.73	4.81	3.93	82.2	0.00024	
	3.29	2.63	2.15	1.72	1.30	1.04	0.73	4.220	13	
6:	16.42	7	4.98	0.05	12.8		6	1099.6	21	
		11.51	9.71	8.35	7.18	6.36	5.33	64.1	0.00391	
	4.14	3.49	2.78	2.20	1.82	1.40	1.31	4.478	13	
7:	8.89	-10	6.45	0.00	16.4		6	1979.3	20	
		14.45	12.35	10.56	9.00	7.65	6.96	132.5	0.00024	
	5.25	4.35	3.50	2.60	2.29	1.60	1.27	4.728	13	
8:	5.33	0	7.14	1.37	11.3		6	3110.5	19	
		17.17	14.09	10.93	10.10	8.48	6.90	61.0	0.12500	
	8.03	5.10	4.60	3.93	3.62	2.50	0.02	11.518	7	

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	800N	780N ON	775N 800N	770N 10969N	760N 702	750N 4	740N 15:25:47	720N	700N	680N
1:	15.50	-2	-0.21	3.60	10.3		5	628.3	14	
		4.85	3.14	16.50	16.65	0.86	1.36			
	5.52	0.14	-3.76	-0.12	-2.76	1.87	2.16		99	
2:	11.31	6	2.77	0.14	13.1		5	942.5	15	
		5.94	5.01	3.79	3.25	3.27	2.76	22.9	0.06250	
	2.18	2.03	1.62	1.16	1.10	0.65	0.48	7.495	11	
3:	16.14	-1	3.05	0.04	6.7		5	754.0	17	
		7.24	6.01	5.18	4.46	3.87	3.22	30.5	0.03125	
	2.74	2.26	1.84	1.55	1.22	1.02	0.85	3.104	13	

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4:	10.26	-3	4.02	0.00	9.3		5	1256.7	18
		9.22	7.86	6.81	5.98	5.05	4.27	39.8	0.03125
	3.63	2.99	2.47	2.04	1.54	1.35	1.06	2.205	13
5:	7.55	0	4.66	0.35	10.1		5	1885.0	20
		10.83	9.13	7.83	6.82	5.94	4.98	42.7	0.06250
	4.16	3.48	2.88	2.48	1.91	1.50	1.16	2.293	11
6:	9.73	7	6.03	0.07	11.3		5	1508.0	21
		13.46	11.57	10.26	8.87	7.68	6.40	48.0	0.50000
	5.46	4.60	3.76	3.27	2.61	2.35	1.87	4.287	13
7:	5.57	-10	7.06	0.28	15.0		5	2513.5	20
		16.13	13.67	12.11	10.45	9.17	7.50	58.2	0.25000
	6.51	5.40	4.34	3.81	2.82	2.72	2.13	4.909	13
8:	3.48	0	8.28	0.56	10.4		5	3770.3	19
		18.43	15.93	15.37	13.32	11.36	8.97	67.7	4.00000
	7.66	6.62	5.08	4.59	3.75	4.11	3.48	11.968	13

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	810N	800N ON	795N 810N	790N 10989N	780N 702	770N 4	760N 15:28:48	740N	720N	700N
1:	36.25	3	3.38	3.18	3.5		5	188.5	10	
		-0.87	1.53	-1.56	-0.33	-0.37	3.41			
	-2.72	-2.95	-7.33	-0.78	1.21	2.67	2.94		99	
2:	20.95	-8	2.03	0.15	7.1		5	377.0	11	
		4.91	3.93	3.65	3.08	2.59	2.12	17.3	1.00000	
	2.18	1.89	1.85	1.21	0.91	0.79	0.67	9.839	12	
3:	26.23	3	2.48	0.10	6.2		5	377.0	14	
		6.03	4.99	4.34	3.72	3.20	2.65	37.5	0.00195	
	2.23	1.84	1.53	1.18	0.94	0.74	0.56	2.269	13	
4:	15.54	4	2.96	0.30	5.7		5	754.0	17	
		7.15	5.96	5.08	4.44	3.77	3.13	49.9	0.00098	
	2.61	2.21	1.61	1.28	1.06	0.80	0.54	2.956	9	
5:	10.44	-1	3.73	0.22	8.3		5	1256.7	19	
		8.92	7.50	6.56	5.65	4.81	3.99	49.9	0.00391	
	3.26	2.75	2.29	1.79	1.41	1.14	0.96	1.335	12	
6:	12.43	1	4.64	0.21	7.3		5	1099.6	19	
		11.12	9.46	8.13	7.05	5.85	4.97	100.7	0.00024	
	4.04	3.28	2.56	1.99	1.58	1.24	0.93	3.032	12	
7:	7.29	6	5.83	0.56	18.6		5	1979.3	21	
		14.05	11.98	10.39	8.96	7.42	6.33	112.6	0.00049	
	5.03	4.14	3.31	2.66	1.94	1.57	1.05	1.400	9	
8:	4.38	-9	6.56	1.82	20.6		5	3110.5	19	
		14.45	12.04	9.39	8.80	7.60	6.95			
	5.18	3.39	2.11	2.78	3.09	2.98	2.35		99	

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	820N	800N ON	795N 820N	790N 10989N	780N 800	770N 4	760N 15:31:33	740N	720N	700N
1:	16.92	2	3.25	3.14	3.3		5	628.3	13	
		10.24	9.23	11.86	13.55	0.37	1.18			
	2.99	6.84	2.20	4.22	0.43	-2.36	-8.09		99	
2:	12.33	-9	2.50	0.24	6.9		5	942.5	15	
		5.71	4.78	4.03	3.37	3.29	2.80	20.1	0.50000	
	2.36	1.85	1.76	1.38	0.88	1.02	1.00	5.165	10	

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3:	17.85	3	3.29	0.04	6.2		5	754.0	17
		7.70	6.46	5.62	4.84	4.20	3.51	35.4	0.01563
	2.94	2.43	1.97	1.57	1.21	1.04	0.90	3.396	13
4:	11.72	3	3.82	0.20	5.3		5	1256.7	18
		8.99	7.52	6.51	5.66	4.74	4.01	37.4	0.03125
	3.27	2.57	2.07	1.95	1.68	1.33	0.97	6.466	12
5:	8.34	-1	4.87	0.26	7.0		5	1885.0	20
		10.77	9.24	8.03	7.03	5.98	5.14	39.3	0.25000
	4.40	3.63	3.02	2.47	1.86	1.74	1.51	5.193	13
6:	10.50	1	5.70	0.00	6.1		5	1508.0	20
		12.95	11.16	9.85	8.60	7.18	6.02	52.0	0.06250
	5.03	4.19	3.30	2.82	2.29	2.02	1.62	4.160	13
7:	6.50	5	6.87	0.12	16.2		5	2513.5	20
		15.56	13.33	11.74	10.14	8.55	7.29	55.9	0.25000
	6.13	5.16	4.22	3.52	2.78	2.48	2.17	5.180	13
8:	4.07	-9	8.34	0.00	18.1		5	3770.3	19
		18.51	15.91	15.00	13.27	9.91	8.42	76.0	0.06250
	7.23	6.63	4.52	4.82	4.59	3.36	1.50	17.295	13

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	830N	820N ON	815N 830N	810N 11009N	800N 960	790N 4	780N 15:34:32	760N	740N	720N
1:	51.60	-12	-0.72	0.30	3.3		5	188.5	10	
		4.53	3.42	3.48	3.41	0.64	0.24			
	1.84	2.04	-0.68	1.61	0.80	0.42	1.18		98	
2:	30.63	-5	1.99	0.03	4.8		5	377.0	12	
		4.45	3.68	3.16	2.73	2.47	2.12	15.4	2.00000	
	1.74	1.46	1.37	1.02	0.88	0.80	0.68	6.944	13	
3:	36.82	7	2.44	0.02	4.8		5	377.0	14	
		5.84	4.85	4.19	3.62	3.10	2.60	26.4	0.01563	
	2.15	1.78	1.48	1.21	0.96	0.77	0.62	1.522	13	
4:	21.13	-7	3.13	0.05	4.0		5	754.0	17	
		7.48	6.24	5.42	4.66	3.99	3.31	46.6	0.00195	
	2.69	2.27	1.84	1.55	1.18	0.92	0.70	2.247	13	
5:	14.30	4	3.90	0.02	4.5		5	1256.7	19	
		9.11	7.66	6.63	5.73	4.95	4.17	64.6	0.00098	
	3.40	2.73	2.26	1.78	1.41	1.09	0.86	2.042	13	
6:	17.30	4	4.62	0.06	5.3		5	1099.6	20	
		10.95	9.28	8.02	6.95	5.91	4.92	68.6	0.00195	
	4.07	3.33	2.70	2.22	1.69	1.38	1.04	1.621	13	
7:	9.65	1	5.32	0.13	9.5		5	1979.3	20	
		13.67	11.29	9.76	8.29	6.91	5.71	109.6	0.00024	
	4.53	3.65	2.88	2.25	1.67	1.12	0.73	16.719	13	
8:	6.26	4	6.85	0.58	18.2		5	3110.5	20	
		17.68	14.73	12.68	11.13	9.06	7.16	120.9	0.00098	
	5.96	5.15	4.12	3.62	2.84	2.41	2.06	3.819	10	

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	840N	820N ON	815N 840N	810N 11009N	800N 910	790N 4	780N 15:37:14	760N	740N	720N
1:	20.06	-9	0.39	0.93	2.8		5	628.3	14	
		3.72	2.55	4.80	4.54	3.82	0.66			
	0.39	2.31	1.44	0.85	-1.30	-1.72	-0.87		99	

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2:	15.07	-5	2.39	0.01	4.6		5	942.5	16
		5.56	4.68	4.00	3.37	2.87	2.54	23.2	0.03125
	2.11	1.59	1.38	1.07	1.04	0.83	0.62	5.910	13
3:	20.88	8	2.97	0.05	4.6		5	754.0	17
		7.27	5.99	5.17	4.44	3.78	3.18	39.7	0.00391
	2.62	2.14	1.79	1.42	1.14	0.89	0.71	1.210	13
4:	13.24	-7	3.78	0.08	3.8		5	1256.7	18
		8.91	7.41	6.51	5.57	4.82	4.03	82.2	0.00024
	3.32	2.76	2.20	1.71	1.33	0.97	0.81	4.128	13
5:	9.49	4	4.37	0.14	4.3		5	1885.0	20
		10.51	8.71	7.53	6.52	5.48	4.69	47.1	0.01563
	3.77	3.06	2.61	2.14	1.74	1.37	1.18	3.217	13
6:	12.11	3	5.21	0.02	5.0		5	1508.0	20
		12.07	10.12	8.83	7.66	6.49	5.58	60.6	0.00781
	4.50	3.70	3.10	2.41	1.92	1.52	1.32	2.436	13
7:	7.13	0	5.94	0.07	8.7		5	2513.5	20
		14.35	12.01	10.45	8.89	7.59	6.41	127.7	0.00024
	5.11	4.22	3.42	2.56	1.94	1.45	1.29	5.220	13
8:	4.80	5	7.31	0.20	15.1		5	3770.3	20
		17.17	14.23	12.72	10.82	9.06	7.81	156.8	0.00024
	6.33	5.57	4.25	2.95	2.30	1.59	2.07	12.072	13

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	850N	840N ON	835N 850N	830N 11029N	820N 860	810N 4	800N 15:40:15	780N	760N	740N
1:	47.29	-18	1.30	0.00	13.8		5	188.5	10	
		2.29	1.33	0.97	1.37	1.86	1.76	8.2	0.06250	
	1.01	0.78	0.60	0.12	0.20	0.32	0.54	71.218	13	
2:	30.34	3	2.15	0.12	4.9		5	377.0	13	
		4.88	4.16	3.70	3.06	2.55	2.24	19.6	0.06250	
	1.87	1.70	1.38	1.14	0.81	0.74	0.40	4.746	12	
3:	33.80	4	2.01	0.02	3.1		5	377.0	15	
		4.83	3.88	3.31	2.88	2.53	2.16	21.5	0.01563	
	1.81	1.40	1.16	0.91	0.79	0.59	0.58	5.883	13	
4:	19.84	-10	2.85	0.33	18.4		5	754.0	17	
		6.52	5.41	4.69	4.07	3.55	3.05	30.1	0.01563	
	2.58	2.04	1.68	1.35	1.08	0.82	0.63	1.994	9	
5:	13.10	6	3.33	0.00	19.7		5	1256.7	19	
		8.41	6.97	6.05	5.07	4.40	3.59	74.7	0.00024	
	3.02	2.50	2.11	1.58	1.17	0.86	0.66	6.559	13	
6:	15.42	-3	4.71	0.07	3.8		5	1099.6	20	
		10.70	8.97	7.91	6.78	5.93	5.02	45.4	0.03125	
	4.24	3.37	2.81	2.19	1.81	1.43	1.27	3.045	13	
7:	8.77	3	5.98	0.04	5.8		5	1979.3	20	
		13.42	11.38	10.02	8.57	7.53	6.33	48.4	0.25000	
	5.31	4.38	3.65	2.95	2.48	2.18	1.87	5.113	13	
8:	5.40	2	6.27	0.15	10.4		5	3110.5	20	
		14.94	12.66	11.08	9.38	7.90	6.79	62.0	0.03125	
	5.82	4.30	3.78	2.79	2.48	1.94	1.99	7.785	13	

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	860N	840N ON	835N 860N	830N 11029N	820N 860	810N 4	800N 15:43:13	780N	760N	740N
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1:	20.22	-14	1.07	1.21	9.8		5	628.3	15
		1.62	3.57	0.88	1.84	5.92	0.33		
	2.67	0.55	-0.15	2.55	0.93	0.50	2.05		99
2:	16.14	2	2.47	0.29	4.8		5	942.5	18
		5.97	4.60	4.37	3.42	2.32	2.71	28.0	0.00781
	1.80	1.76	1.68	0.79	0.88	0.82	0.29	13.208	9
3:	20.57	4	2.45	0.07	2.8		5	754.0	18
		5.80	4.98	4.12	3.52	3.63	2.57	47.0	0.00049
	2.11	1.70	1.23	1.16	0.97	0.61	0.60	8.418	13
4:	13.24	-9	3.29	0.06	10.7		5	1256.7	19
		7.54	6.26	5.37	4.71	4.21	3.51	69.5	0.00024
	2.87	2.18	1.65	1.49	1.14	0.88	0.67	4.549	13
5:	9.26	7	4.13	0.11	10.3		5	1885.0	20
		9.54	7.95	6.94	5.99	5.18	4.36	40.6	0.03125
	3.58	3.06	2.54	2.07	1.66	1.35	1.08	1.914	13
6:	11.49	-2	4.85	0.05	3.5		5	1508.0	20
		11.37	9.73	8.44	7.24	6.47	5.23	58.0	0.00781
	4.43	3.51	2.75	2.45	1.91	1.50	1.18	2.431	13
7:	6.88	2	5.91	0.22	5.2		5	2513.5	20
		13.41	11.42	9.94	8.57	7.67	6.30	85.2	0.00195
	5.15	4.20	3.33	2.77	2.11	1.73	1.22	3.683	13
8:	4.41	2	6.33	0.24	9.6		5	3770.3	19
		15.27	13.54	11.71	9.52	9.13	7.31	66.1	0.03125
	6.09	4.69	3.49	3.52	2.93	2.22	1.77	6.406	13

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	870N	860N ON	855N 870N	850N 11049N	840N 866	830N 4	820N 15:46:36	800N	780N	760N
1:	46.73		3	1.68	0.05	10.8		5	188.5	10
			3.67	2.78	2.34	2.41	2.36	1.89	15.8	0.03125
	1.55		1.29	0.96	0.76	0.81	0.40	0.36	13.900	13
2:	30.57		16	1.89	0.14	5.9		5	377.0	13
			4.39	3.95	3.47	2.74	2.08	1.90	17.7	0.06250
	1.79		1.36	1.28	1.09	0.59	0.52	0.43	8.564	10
3:	37.63		-10	2.23	0.13	2.8		5	377.0	16
			4.79	3.88	3.36	3.04	2.83	2.44	17.5	0.25000
	1.92		1.69	1.30	1.11	0.95	0.72	0.66	3.917	12
4:	22.35		-12	2.43	0.00	4.7		5	754.0	19
			5.76	4.75	4.14	3.57	3.05	2.59	32.1	0.00391
	2.16		1.74	1.40	1.14	0.93	0.74	0.58	1.362	13
5:	13.83		10	2.54	0.12	4.2		5	1256.7	20
			6.68	5.46	4.64	3.95	3.34	2.75	55.0	0.00024
	2.18		1.67	1.22	0.90	0.56	0.34	0.10	10.396	10
6:	16.34		-5	4.44	0.04	3.2		5	1099.6	21
			9.64	8.17	7.19	6.31	5.44	4.68	34.5	4.00000
	4.02		3.31	2.70	2.38	2.16	1.82	1.55	6.734	13
7:	8.90		-5	5.36	0.15	3.1		5	1979.3	20
			12.17	10.40	9.00	7.86	6.66	5.69	62.2	0.00781
	4.82		3.76	2.89	2.49	2.11	1.70	1.29	3.196	13
8:	5.58		6	6.24	0.11	6.2		5	3110.5	20
			14.13	11.92	10.35	9.01	7.54	6.64	70.9	0.00781
	5.56		4.20	3.08	2.91	2.53	1.91	1.42	5.522	13

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*									
880N	860N ON	855N 880N	850N 11049N	840N 860	830N 4	820N 15:49:36	800N	780N	760N
1:	19.12	2	1.29	0.00	9.5		5	628.3	14
	1.03	4.54	3.87	2.90	2.76	1.75	1.73		98
		1.49	0.38	0.28	0.30	0.34	-0.34		
2:	15.43	16	2.89	0.06	5.8		5	942.5	17
	2.41	4.86	3.85	3.69	3.01	3.18	2.81	44.7 4096.00000	
		1.88	1.99	1.80	1.16	1.10	1.30	12.190	13
3:	21.73	-11	2.11	0.06	2.5		5	754.0	19
	1.96	6.12	5.14	4.22	3.77	2.94	2.34	50.3 0.00024	
		1.69	1.12	0.85	0.85	0.58	0.23	9.766	12
4:	14.15	-12	2.77	0.03	4.0		5	1256.7	21
	2.42	6.74	5.64	4.87	4.19	3.54	2.95	53.6 0.00049	
		1.99	1.62	1.29	1.05	0.81	0.57	3.364	13
5:	9.27	8	3.61	0.00	3.8		5	1885.0	20
	3.12	8.22	6.96	6.14	5.18	4.46	3.83	32.6 0.06250	
		2.61	2.17	1.86	1.40	1.22	0.97	2.954	13
6:	11.58	-2	4.61	0.05	2.9		5	1508.0	20
	4.07	10.44	8.90	7.84	6.64	5.83	4.93	45.2 0.03125	
		3.37	2.78	2.27	1.84	1.55	1.19	1.736	13
7:	6.71	-5	5.93	0.05	2.9		5	2513.5	20
	5.23	13.26	11.35	10.09	8.54	7.40	6.33	53.3 0.06250	
		4.31	3.60	3.01	2.41	1.99	1.51	1.689	13
8:	4.39	5	6.83	0.08	5.8		5	3770.3	19
	6.07	14.69	12.63	11.21	9.63	8.26	7.22	69.6 0.01563	
		4.77	4.10	2.98	2.69	2.10	1.48	4.083	13

*									
890N	880N ON	875N 890N	870N 11069N	860N 690	850N 4	840N 15:52:50	820N	800N	780N
1:	39.65	-2	2.00	0.01	6.4		5	188.5	11
	2.40	2.75	1.90	2.33	1.69	2.21	1.85		98
		2.07	1.24	1.07	0.91	-0.08	0.21		
2:	27.42	5	1.68	0.02	4.2		5	377.0	15
	1.42	4.39	3.63	3.06	2.66	2.22	1.83	37.7 0.00024	
		1.15	1.03	0.67	0.61	0.49	0.36	5.465	13
3:	28.96	-4	2.10	0.06	6.4		5	377.0	16
	1.93	4.81	3.94	3.44	2.95	2.58	2.21	16.7 0.50000	
		1.60	1.28	1.16	0.92	0.75	0.66	4.818	13
4:	16.16	16	2.44	0.02	5.5		5	754.0	18
	2.11	5.77	4.80	4.11	3.52	3.03	2.58	20.2 0.25000	
		1.73	1.49	1.21	1.01	0.98	0.80	8.341	13
5:	11.18	-11	2.52	0.07	4.8		5	1256.7	20
	2.26	6.41	5.25	4.49	3.93	3.26	2.69	54.8 0.00024	
		1.87	1.38	0.96	0.72	0.25	0.20	9.627	11
6:	12.96	-1	3.55	0.00	5.9		5	1099.6	21
	3.22	8.32	7.05	6.07	5.28	4.48	3.76	38.5 0.01563	
		2.72	2.19	1.77	1.43	1.05	0.91	2.526	13
7:	6.90	-6	5.05	0.30	3.2		5	1979.3	20
	4.56	11.38	9.66	8.39	7.24	6.21	5.30	43.1 0.12500	
		4.04	3.10	2.66	2.16	1.67	1.51	2.780	12

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8:	4.23	-1	6.05	0.25	4.6		5	3110.5	19
		13.68	11.73	10.12	8.92	7.61	6.35	55.1	0.06250
	5.63	4.83	3.88	3.15	2.51	1.68	1.72	5.935	13

*
 900N 880N 875N 870N 860N 850N 840N 820N 800N 780N
 ON 900N 11069N 690 4 15:55:38|

1:	15.35	-2	2.06	0.35	6.1		5	628.3	14
		9.33	8.39	3.94	2.27	2.25	1.88		
	1.54	1.23	1.34	-1.54	0.80	1.85	0.23		98

2:	13.46	5	2.18	0.01	4.1		5	942.5	18
		5.02	4.03	3.81	3.31	2.84	2.36	26.2	0.00781
	2.06	1.65	1.28	1.25	0.93	0.58	0.49	8.086	13

3:	16.48	-4	2.33	0.05	5.6		5	754.0	18
		6.24	5.23	4.41	3.65	3.03	2.47	47.7	0.00049
	2.11	1.69	1.50	1.09	0.78	0.70	0.69	7.740	13

4:	10.14	15	2.78	0.00	4.8		5	1256.7	18
		6.24	4.94	4.39	4.01	3.60	2.99	21.6	1.00000
	2.52	2.08	1.74	1.64	1.24	0.95	0.89	5.398	13

5:	7.44	-11	3.04	0.21	4.2		5	1885.0	20
		8.44	7.19	6.05	5.08	4.32	3.24	70.8	0.00024
	2.80	2.21	1.77	1.09	0.89	0.83	0.65	10.908	10

6:	9.15	-1	3.94	0.27	5.2		5	1508.0	20
		9.47	7.99	6.79	5.79	5.05	4.24	47.6	0.00781
	3.60	2.96	2.60	1.88	1.51	1.29	1.06	3.172	11

7:	5.21	-4	4.92	0.19	3.0		5	2513.5	19
		12.06	10.23	8.86	7.82	6.35	5.29	111.0	0.00024
	4.51	3.64	3.17	2.25	1.63	1.48	1.05	5.393	13

8:	3.37	-0	5.96	0.89	4.5		5	3770.3	18
		15.03	13.14	11.13	9.88	8.18	6.35	84.9	0.00391
	5.85	4.78	4.26	2.58	2.02	1.90	2.01	3.281	8

*
 910N 900N 895N 890N 880N 870N 860N 840N 820N 800N
 ON 910N 11089N 690 4 15:59:03|

1:	37.11	-4	-0.86	0.80	6.7		5	188.5	10
		3.78	3.67	0.72	1.63	2.24	-1.37		
	2.71	-0.53	-0.60	-0.84	1.04	0.38	1.37		99

2:	23.57	1	1.95	0.03	5.3		5	377.0	13
		3.82	3.05	2.88	2.40	2.04	2.11	35.7	0.00024
	1.31	1.36	0.99	0.98	0.47	0.54	0.20	24.187	13

3:	26.32	-0	1.76	0.03	6.0		5	377.0	14
		5.06	4.15	3.48	2.99	2.52	1.87	42.5	0.00024
	1.71	1.29	1.11	0.74	0.74	0.46	0.47	8.430	13

4:	16.18	-1	2.47	0.03	6.6		5	754.0	18
		6.00	4.93	4.27	3.70	3.14	2.64	37.1	0.00195
	2.14	1.77	1.47	1.19	0.97	0.76	0.55	2.494	13

5:	10.30	-1	3.06	0.00	6.9		5	1256.7	19
		6.97	5.65	4.93	4.30	3.75	3.23	34.9	0.00781
	2.78	2.21	1.83	1.42	1.12	0.85	0.68	3.803	13

6:	11.93	6	3.42	0.21	8.3		5	1099.6	19
		8.34	6.99	5.91	5.16	4.51	3.63	74.8	0.00024
	3.00	2.16	1.81	1.51	1.28	0.81	0.52	4.212	11

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7:	6.69	-3	4.31	0.33	5.7		5	1979.3	19
		10.47	8.85	7.61	6.68	5.65	4.56	44.0	0.03125
	3.77	3.19	2.63	2.34	1.99	1.56	1.19	4.992	11

8:	4.05	-0	3.21	1.08	6.1		5	3110.5	18
		12.57	10.66	8.61	7.21	6.25	3.40		
	3.72	1.73	2.22	1.00	1.27	-0.14	0.79		98

* 920N 900N 895N 890N 880N 870N 860N 840N 820N 800N
ON ON 920N 11089N 690 4 16:01:36|

1:	14.91	-4	7.97	3.39	6.3		5	628.3	14
		-7.51	0.55	-1.72	-0.17	5.82	10.45		
	2.16	-3.36	-11.35	-3.63	-1.07	0.35	3.73		99

2:	11.89	2	1.38	0.53	5.2		5	942.5	16
		6.20	4.45	4.00	3.34	2.29	1.44		
	1.80	1.72	2.39	1.51	1.06	0.56	0.13		99

3:	15.29	-1	2.79	0.25	4.9		5	754.0	17
		5.63	4.87	4.14	3.52	3.34	3.02	26.8	0.01563
	2.21	1.68	0.91	0.96	0.85	0.70	0.68	6.300	8

4:	10.35	-1	2.96	0.03	5.4		5	1256.7	19
		7.11	5.87	5.10	4.43	3.84	3.14	39.5	0.00391
	2.70	2.22	1.77	1.40	1.12	0.90	0.70	1.740	13

5:	7.00	-1	3.34	0.06	6.0		5	1885.0	19
		7.87	6.52	5.64	4.86	4.31	3.57	33.1	0.03125
	2.93	2.52	2.01	1.61	1.37	1.11	0.88	2.357	13

6:	8.58	6	4.04	0.23	7.4		5	1508.0	19
		8.83	7.77	6.80	5.84	5.22	4.39	46.8	0.00781
	3.63	2.96	2.24	1.82	1.48	1.23	1.05	3.265	12

7:	5.12	-4	4.92	0.34	5.2		5	2513.5	19
		10.72	9.28	8.30	6.95	6.26	5.32	56.4	0.00781
	4.65	3.50	2.65	2.17	1.49	1.27	1.28	4.835	10

8:	3.27	1	7.09	0.64	5.6		5	3770.3	18
		10.90	11.17	12.44	11.25	9.49	8.10	60.7	32.00000
	6.96	4.89	1.66	2.19	1.10	1.38	1.64	12.584	8

* 930N 920N 915N 910N 900N 890N 880N 860N 840N 820N
ON ON 930N 11109N 690 4 16:04:31|

1:	34.89	-9	1.53	0.30	7.3		5	188.5	10
		3.04	2.61	1.41	2.63	3.23	2.51		
	2.11	1.22	-0.33	-0.19	0.66	0.31	0.37		98

2:	21.58	6	1.90	0.00	5.9		5	377.0	12
		4.86	4.00	3.51	2.83	2.37	2.00	16.7	8.00000
	1.75	1.52	1.33	1.08	0.91	0.99	0.83	13.569	13

3:	24.87	-1	1.85	0.07	3.8		5	377.0	14
		4.77	3.88	3.32	2.85	2.34	1.97	40.8	0.00024
	1.64	1.32	1.05	0.84	0.65	0.43	0.25	6.549	12

4:	15.20	-8	2.45	0.03	3.4		5	754.0	17
		5.85	4.81	4.13	3.55	3.09	2.57	26.4	0.01563
	2.21	1.79	1.48	1.21	0.96	0.81	0.59	2.397	13

5:	9.66	4	2.68	0.20	5.3		5	1256.7	18
		7.07	5.78	4.97	4.20	3.49	2.84	60.8	0.00024
	2.36	1.92	1.50	1.16	0.87	0.71	0.46	3.230	10

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6:	11.86	2	3.58	0.16	6.6	5	1099.6	19
		8.47	7.12	6.07	5.23	4.50	3.78	46.9 0.00391
	3.19	2.56	2.10	1.65	1.30	1.10	0.67	1.812 12
7:	6.34	4	4.62	0.29	7.0	5	1979.3	18
		10.29	8.75	7.48	6.46	5.84	4.84	35.9 1.00000
	4.24	3.49	2.94	2.44	2.04	1.87	1.51	5.477 13
8:	4.01	0	4.41	0.35	7.8	5	3110.5	18
		10.70	8.98	7.77	6.83	5.81	4.32	53.4 0.00781
	4.08	3.26	2.70	2.24	1.43	1.10	0.27	3.773 10

*

	940N	920N ON	915N 940N	910N 11109N	900N 690	890N 4	880N 16:07:02	860N	840N	820N
1:	13.57	-8	-0.13	3.81	6.6	5	628.3	12		
		-0.22	1.71	5.73	6.39	5.68	2.18			
	2.28	0.45	-1.12	0.13	0.10	0.65	1.94	99		
2:	10.65	6	2.41	0.29	5.5	5	942.5	15		
		6.12	4.76	3.76	3.04	2.67	2.43	50.1 0.00024		
	1.96	1.72	1.44	1.09	0.89	0.83	0.41	7.090 8		
3:	14.21	-2	2.27	0.08	3.2	5	754.0	16		
		5.96	4.84	4.16	3.58	2.99	2.44	51.4 0.00024		
	2.01	1.61	1.35	1.11	0.81	0.63	0.46	4.753 13		
4:	9.64	-7	2.78	0.08	3.1	5	1256.7	18		
		6.86	5.76	5.04	4.36	3.70	3.00	38.3 0.00391		
	2.56	2.04	1.67	1.43	1.05	0.89	0.71	2.365 13		
5:	6.54	4	3.46	0.04	4.6	5	1885.0	18		
		8.41	6.93	5.96	5.21	4.41	3.69	46.3 0.00391		
	3.06	2.50	2.05	1.69	1.41	1.14	0.75	4.373 13		
6:	8.53	1	3.71	0.04	6.0	5	1508.0	19		
		9.45	7.95	6.87	6.07	5.06	4.05	85.7 0.00024		
	3.42	2.68	2.14	1.88	1.29	1.13	0.83	3.809 13		
7:	4.86	3	4.38	0.01	6.0	5	2513.5	18		
		10.67	9.19	7.99	7.13	6.00	4.69	50.1 0.01563		
	4.22	3.39	2.72	2.34	1.81	1.53	1.17	2.681 13		
8:	3.24	-0	4.74	0.52	6.7	5	3770.3	18		
		11.43	10.16	8.94	8.36	6.92	5.10	75.4 0.00195		
	4.50	3.43	2.68	2.61	1.60	1.58	1.43	6.732 10		

*

	950N	940N ON	935N 950N	930N 11129N	920N 690	910N 4	900N 16:09:56	880N	860N	840N
1:	44.80	-1	1.72	0.86	4.2	5	188.5	12		
		1.44	0.90	-0.14	1.80	0.15	0.74			
	-1.95	2.75	-0.02	1.10	0.26	1.70	0.88	99		
2:	22.91	-1	1.93	0.00	6.1	5	377.0	13		
		4.66	3.87	3.34	2.79	2.46	2.07	16.3 0.25000		
	1.88	1.39	1.19	0.93	0.85	0.67	0.73	10.164 13		
3:	27.91	2	2.12	0.01	7.7	5	377.0	15		
		5.16	4.23	3.64	3.12	2.68	2.25	31.6 0.00195		
	1.87	1.56	1.20	0.99	0.78	0.63	0.49	1.702 13		
4:	15.68	-3	2.53	0.11	4.9	5	754.0	17		
		6.13	5.06	4.40	3.76	3.23	2.68	30.4 0.00781		
	2.24	1.90	1.54	1.20	1.00	0.79	0.61	1.790 13		

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5:	10.34	-1	2.68	0.02	4.2		5	1256.7	19
		6.98	5.85	4.99	4.15	3.55	2.89	57.9	0.00024
	2.41	1.94	1.38	1.12	0.90	0.61	0.49	10.305	13
6:	12.82	1	3.80	0.10	4.6		5	1099.6	20
		8.74	7.39	6.38	5.50	4.69	3.99	40.2	0.01563
	3.36	2.88	2.18	1.75	1.41	1.26	0.94	3.262	13
7:	7.35	-1	4.59	0.32	10.5		5	1979.3	21
		10.99	9.12	8.03	6.93	5.96	4.82	55.4	0.00781
	4.13	3.80	2.55	2.33	1.57	1.51	1.08	4.881	10
8:	4.45	7	5.48	0.16	12.8		5	3110.5	20
		10.75	9.11	8.15	7.78	6.63	5.53	39.9	4.00000
	4.03	4.74	2.88	2.79	2.32	2.62	1.58	12.520	13

*

	960N	940N ON	935N 960N	930N 11129N	920N 973	910N 4	900N 16:12:42	880N	860N	840N
1:	21.52	0	1.13	1.39	3.6		5	628.3	14	
		-2.17	-3.42	-5.58	7.65	2.28	0.81			
	2.12	2.67	2.47	-2.78	-1.97	-5.00	-0.76		99	
2:	13.91	-1	2.37	0.13	5.7		5	942.5	13	
		6.01	4.99	4.42	3.17	2.94	2.48	21.0	0.12500	
	2.07	1.59	1.32	1.34	1.06	0.99	0.68	11.044	13	
3:	19.53	1	2.58	0.00	6.8		5	754.0	15	
		6.27	5.16	4.36	3.83	3.25	2.75	34.1	0.00391	
	2.29	1.87	1.49	1.20	0.93	0.77	0.64	2.516	13	
4:	12.24	-3	3.09	0.01	4.2		5	1256.7	16	
		7.23	6.02	5.24	4.55	3.89	3.29	51.3	0.00098	
	2.74	2.18	1.77	1.42	1.08	0.89	0.69	2.235	13	
5:	8.62	-1	3.42	0.12	3.9		5	1885.0	17	
		8.24	6.82	5.81	4.95	4.24	3.59	31.5	0.06250	
	2.97	2.46	1.98	1.70	1.40	1.25	1.00	5.902	13	
6:	11.42	1	4.24	0.11	4.2		5	1508.0	18	
		9.57	8.19	6.97	6.29	5.31	4.56	78.7	0.00049	
	3.78	3.06	2.44	1.84	1.33	1.13	0.92	5.296	13	
7:	6.99	-2	5.22	0.09	7.5		5	2513.5	18	
		11.43	9.67	8.20	7.01	6.10	5.36	80.5	0.00098	
	4.66	3.39	2.65	2.19	1.65	1.51	1.03	5.331	13	
8:	4.44	6	5.26	0.30	9.7		5	3770.3	17	
		10.86	9.94	8.81	8.14	7.13	5.79	54.7	0.01563	
	4.71	3.69	2.98	2.04	1.65	1.59	1.65	12.256	13	

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	970N	960N ON	955N 970N	950N 11149N	940N 973	930N 4	920N 16:15:42	900N	880N	860N
1:	52.90	-2	0.15	0.91	8.8		5	188.5	10	
		5.06	4.22	2.04	1.48	0.01	0.03			
	1.88	2.37	0.41	0.87	0.68	0.21	0.52		99	
2:	31.43	-4	1.90	0.07	9.0		5	377.0	12	
		4.32	3.55	3.18	2.78	2.42	2.08	39.9	0.00024	
	1.58	1.25	1.15	0.85	0.69	0.42	0.35	9.127	13	
3:	35.09	-4	2.02	0.03	9.0		5	377.0	14	
		5.18	4.22	3.64	3.08	2.65	2.18	43.0	0.00024	
	1.73	1.39	1.15	0.87	0.67	0.46	0.33	11.209	13	

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4:	20.06	-1	2.60	0.06	4.5		5	754.0	16
		6.25	5.10	4.36	3.86	3.27	2.76	28.0	0.01563
	2.29	1.89	1.53	1.26	1.06	0.82	0.64	2.209	13
5:	12.38	-1	2.92	0.07	6.1		5	1256.7	16
		7.11	5.91	5.12	4.36	3.73	3.16	64.9	0.00024
	2.52	2.12	1.70	1.37	1.08	0.81	0.62	2.705	13
6:	14.52	3	3.50	0.19	5.6		5	1099.6	16
		8.54	7.17	6.16	5.39	4.55	3.74	42.4	0.00781
	3.01	2.62	2.04	1.68	1.45	1.11	0.89	2.772	12
7:	8.62	-2	4.43	0.17	8.9		5	1979.3	18
		10.57	8.61	7.67	6.83	5.79	4.84	37.5	0.25000
	3.80	3.42	2.80	2.49	1.92	1.73	1.37	5.501	13
8:	5.61	2	4.88	0.15	17.9		5	3110.5	18
		12.42	10.10	8.52	7.64	6.27	5.36	104.9	0.00024
	4.03	3.93	2.34	2.22	1.45	1.16	0.57	10.478	12

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	980N	960N ON	955N 980N	950N 11149N	940N 690	930N 4	920N 16:18:38	900N	880N	860N
1:	14.48	-1	2.19	5.49	7.4		5	628.3	13	
		5.91	4.85	6.13	7.41	5.19	0.96			
	4.47	8.76	7.76	-4.24	-0.97	4.59	-2.38		99	
2:	10.90	-5	2.24	0.10	8.4		5	942.5	15	
		5.57	4.56	3.82	3.10	2.85	2.43	23.9	0.01563	
	1.94	1.29	0.93	1.24	1.02	0.45	0.67	16.384	12	
3:	14.18	-4	2.59	0.03	8.4		5	754.0	15	
		6.48	5.38	4.58	3.83	3.29	2.76	50.7	0.00049	
	2.30	1.89	1.49	1.25	1.02	0.67	0.62	4.296	13	
4:	9.03	-1	3.13	0.12	3.9		5	1256.7	16	
		7.48	6.28	5.37	4.66	4.01	3.24	31.3	0.03125	
	2.84	2.40	2.00	1.47	1.29	1.07	0.81	3.367	13	
5:	5.96	-1	3.17	0.07	5.0		5	1885.0	16	
		8.30	6.90	5.94	4.77	4.18	3.38	71.5	0.00024	
	2.90	2.16	1.77	1.34	1.18	0.82	0.82	6.315	13	
6:	7.50	2	3.89	0.14	4.7		5	1508.0	16	
		9.67	8.27	7.20	5.86	5.04	3.99	67.8	0.00098	
	3.57	2.95	2.52	1.62	1.62	1.16	0.64	5.919	12	
7:	4.77	-2	4.71	0.25	6.6		5	2513.5	17	
		11.34	9.59	8.29	6.81	5.88	4.88	70.3	0.00195	
	4.33	3.44	2.90	2.30	1.81	1.29	1.06	3.804	12	
8:	3.26	2	5.37	0.72	11.9		5	3770.3	18	
		13.04	11.25	9.44	7.92	7.09	5.35	51.2	0.06250	
	5.16	4.50	3.67	2.28	1.96	1.46	1.11	5.780	9	

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	990N	980N ON	975N 990N	970N 11169N	960N 690	950N 4	940N 16:21:34	920N	900N	880N
1:	36.40	3	5.76	0.47	11.0		5	188.5	10	
		1.70	1.88	3.79	4.75	2.98	4.65			
	0.23	1.81	0.13	1.36	-0.37	0.99	1.00		99	
2:	22.38	-5	1.74	0.10	15.3		5	377.0	12	
		4.92	4.09	3.40	2.65	2.42	1.95	38.0	0.00049	
	1.87	1.53	1.20	0.88	0.77	0.50	0.27	7.544	12	

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3:	23.98	4	2.20	0.05	14.3		5	377.0	13
		5.59	4.57	3.91	3.34	2.85	2.33	46.2	0.00024
	1.95	1.54	1.22	0.93	0.68	0.49	0.35	12.224	13
4:	14.06	-7	2.96	0.08	12.0		5	754.0	15
		6.65	5.58	4.84	4.15	3.68	3.10	23.2	0.50000
	2.65	2.19	1.80	1.54	1.25	1.07	0.95	5.212	13
5:	8.83	-8	2.28	0.47	8.2		5	1256.7	16
		7.01	5.68	4.78	3.80	3.18	2.52		
	1.93	1.42	0.93	0.44	0.16	-0.08	-0.12		98
6:	10.23	5	4.42	0.05	4.4		5	1099.6	16
		9.14	7.67	6.85	6.06	5.24	4.53	43.6	0.01563
	3.82	2.98	2.55	2.19	1.67	1.12	0.90	6.410	13
7:	5.62	-3	4.51	0.00	8.4		5	1979.3	16
		10.17	8.69	7.67	6.56	5.79	4.66	47.8	0.01563
	4.06	3.39	2.58	2.17	1.67	1.37	1.19	3.207	13
8:	3.81	1	5.62	0.26	12.1		5	3110.5	17
		10.95	9.19	8.59	7.25	6.15	5.71	56.8	0.00781
	4.21	3.76	2.56	2.25	1.37	1.10	1.53	13.698	12

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1000N	980N ON	975N 1000N	970N 11169N	960N 690	950N 4	940N 16:24:22	920N	900N	880N
1:	13.56	4	10.94	0.00	8.6		5	628.3	12
		21.60	17.82	8.66	15.40	3.66	10.52	126.8	0.00049
	4.40	5.29	0.32	6.64	6.15	3.74	1.40	134.138	13
2:	10.66	-6	2.32	0.00	12.7		5	942.5	15
		5.46	4.53	4.30	3.35	3.21	2.53	28.5	0.00781
	2.31	1.87	1.72	1.04	0.75	0.66	0.66	10.952	13
3:	13.37	4	2.91	0.01	12.7		5	754.0	15
		7.03	5.83	5.04	4.28	3.67	3.08	38.8	0.00391
	2.62	2.18	1.71	1.38	1.06	0.88	0.75	2.916	13
4:	8.75	-7	3.40	0.00	9.7		5	1256.7	16
		8.03	6.75	5.76	4.94	4.28	3.62	33.7	0.03125
	3.12	2.56	2.12	1.69	1.36	1.17	0.82	3.188	13
5:	5.90	-7	3.84	0.08	6.5		5	1885.0	16
		8.80	7.39	6.33	5.49	4.75	3.96	71.4	0.00049
	3.56	2.93	2.19	1.66	1.39	1.00	0.75	6.249	13
6:	7.36	4	4.61	0.19	3.9		5	1508.0	16
		10.33	8.61	7.38	6.52	5.45	4.72	43.7	0.03125
	4.31	3.47	2.62	2.13	1.85	1.44	1.07	3.843	13
7:	4.38	-2	4.94	0.31	6.3		5	2513.5	16
		11.18	9.60	8.21	7.11	6.16	5.11	63.9	0.00391
	4.80	4.04	2.80	2.12	1.67	1.34	1.02	7.212	11
8:	3.14	1	6.93	0.49	10.0		5	3770.3	17
		13.57	11.98	10.51	9.92	7.59	6.82	49.6	2.00000
	6.12	4.88	4.01	3.51	3.26	2.66	1.83	6.076	12

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1010N	1000N ON	995N 1010N	990N 11189N	980N 690	970N 4	960N 16:27:16	940N	920N	900N
1:	37.39	5	1.05	0.57	8.2		5	188.5	10
		3.12	3.72	2.94	2.43	2.17	1.41		
	2.89	1.43	2.01	1.12	-0.01	0.56	0.14		99

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2:	19.63	-4	2.13	0.09	6.0		5	377.0	11
		5.15	4.06	3.57	3.26	2.64	2.26	45.6	0.00024
	1.67	1.48	1.08	0.90	0.86	0.55	0.45	6.233	13
3:	24.20	4	2.63	0.00	7.3		5	377.0	13
		6.30	5.23	4.49	3.95	3.35	2.80	23.2	0.12500
	2.39	1.99	1.69	1.35	1.11	0.94	0.77	3.651	13
4:	13.51	-1	2.55	0.09	8.4		5	754.0	15
		6.72	5.80	5.01	4.16	3.36	2.72	56.8	0.00024
	2.34	1.81	1.58	1.12	0.69	0.60	0.39	12.604	12
5:	8.44	1	3.67	0.02	11.2		5	1256.7	15
		8.75	7.10	6.08	5.36	4.45	3.90	29.3	0.50000
	3.23	2.76	2.36	1.85	1.74	1.36	1.15	6.151	13
6:	10.11	-7	3.85	0.01	7.9		5	1099.6	16
		9.09	7.88	6.69	5.89	4.65	4.06	57.1	0.00195
	3.42	2.65	2.43	1.70	1.35	1.13	0.95	4.173	13
7:	5.55	4	4.54	0.97	11.9		5	1979.3	16
		9.75	8.35	7.28	6.05	4.52	4.72		
	3.50	2.73	2.47	1.49	0.98	0.90	0.35		99
8:	3.53	-4	4.58	0.18	23.4		5	3110.5	16
		13.36	12.09	9.76	9.08	6.91	5.08	100.0	0.00049
	2.61	2.50	3.68	2.38	1.13	2.51	1.70	35.488	13

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	1020N	1000N ON	995N 1020N	990N 11189N	980N 867	970N 4	960N 16:30:58	940N	920N	900N
1:	17.99	4	-1.53	2.87	12.9		5	628.3	13	
		6.14	2.24	2.62	-0.70	0.10	-0.20			
	-0.17	2.22	0.86	-0.65	1.02	0.44	1.25		99	
2:	11.90	-4	2.90	0.20	5.8		5	942.5	13	
		6.56	5.61	4.94	4.35	3.68	3.02	37.3	0.00391	
	2.56	1.78	1.68	1.44	1.02	0.87	0.62	5.344	11	
3:	17.07	4	3.18	0.00	6.8		5	754.0	15	
		7.58	6.35	5.44	4.66	4.02	3.38	34.2	0.01563	
	2.77	2.33	1.86	1.57	1.23	1.01	0.81	1.925	13	
4:	10.71	-3	3.42	0.02	6.7		5	1256.7	16	
		8.46	7.15	6.13	5.14	4.49	3.66	59.2	0.00098	
	3.03	2.72	2.05	1.58	1.31	1.01	0.78	3.053	13	
5:	7.18	3	4.37	0.07	9.3		5	1885.0	16	
		9.61	8.14	6.97	6.10	5.26	4.66	36.3	0.12500	
	3.78	3.09	2.47	2.28	1.86	1.50	1.14	3.887	13	
6:	9.23	-7	4.38	0.00	7.0		5	1508.0	16	
		10.16	8.70	7.43	6.23	5.59	4.60	51.5	0.00781	
	3.75	3.55	2.41	2.09	1.71	1.28	1.10	4.335	13	
7:	5.49	1	5.46	0.10	7.3		5	2513.5	16	
		11.59	10.06	8.67	7.43	6.53	5.80	44.6	0.12500	
	4.82	4.21	3.19	2.61	2.10	1.84	1.39	3.087	13	
8:	3.71	-2	6.16	0.00	16.5		5	3770.3	16	
		13.04	11.08	9.02	7.76	7.01	6.14	118.4	0.00024	
	4.82	4.55	3.20	2.86	1.49	0.95	1.60	20.809	13	

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	1030N	1020N ON	1015N 1030N	1010N 11209N	1000N 867	990N 4	980N 16:33:50	960N	940N	920N
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1:	44.46	-3	1.29	0.98	3.7	5	188.5	10
		3.06	0.37	2.35	2.86	1.14	3.24	
	2.11	1.37	2.05	-0.85	-0.63	0.35	-0.76	99
2:	26.39	1	2.27	0.00	7.4	5	377.0	11
		5.42	4.58	3.97	3.39	2.86	2.37	20.1 0.12500
	1.94	1.66	1.43	1.27	0.96	0.76	0.77	7.682 13
3:	29.31	-3	2.68	0.00	6.9	5	377.0	13
		6.44	5.37	4.66	4.03	3.43	2.86	36.0 0.00391
	2.36	1.98	1.63	1.33	1.04	0.80	0.64	1.592 13
4:	16.38	3	3.08	0.10	7.6	5	754.0	14
		7.12	6.00	5.20	4.48	3.96	3.34	
	2.63	1.77	1.36	0.91	0.52	0.22	-0.08	98
5:	10.61	-0	3.84	0.00	7.8	5	1256.7	15
		9.13	7.70	6.70	5.80	4.91	4.11	34.1 0.12500
	3.39	2.95	2.50	2.06	1.56	1.33	1.30	6.680 13
6:	12.26	3	3.94	0.24	6.0	5	1099.6	16
		9.35	7.95	6.81	5.76	4.97	4.27	85.3 0.00024
	3.40	2.70	2.13	1.66	1.17	0.89	0.58	2.867 10
7:	6.93	-10	4.08	0.00	10.6	5	1979.3	16
		10.48	8.87	7.44	6.46	5.34	4.47	83.9 0.00024
	3.47	2.99	2.62	1.77	1.12	0.86	0.44	25.736 13
8:	4.44	3	5.07	0.11	10.0	5	3110.5	16
		10.80	9.44	8.07	6.64	5.75	5.74	93.2 0.00024
	4.26	3.03	2.53	1.47	0.87	0.39	0.22	23.959 11

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	1040N	1020N ON	1015N 1040N	1010N 11209N	1000N 867	990N 4	980N 16:36:34	960N	940N	920N
1:	16.95	-2	3.44	0.67	3.2	5	628.3	12		
		7.10	1.12	-1.48	4.12	3.90	2.78			
	5.22	6.47	-1.71	3.85	6.54	1.43	-1.99	98		
2:	12.84	-0	2.92	0.01	6.7	5	942.5	14		
		6.74	5.87	5.27	4.36	3.78	3.15	34.8 0.00781		
	2.48	1.98	1.90	1.38	0.99	0.87	0.84	7.328 13		
3:	16.57	-2	3.50	0.03	6.3	5	754.0	14		
		8.18	6.90	6.02	5.10	4.45	3.74	37.6 0.01563		
	3.09	2.50	2.11	1.76	1.35	1.07	0.89	1.760 13		
4:	10.34	1	3.91	0.08	5.9	5	1256.7	15		
		9.13	7.75	6.72	5.69	4.95	4.16	51.5 0.00391		
	3.45	2.83	2.36	1.86	1.53	1.18	0.89	1.956 13		
5:	7.23	1	4.33	0.01	6.1	5	1885.0	16		
		10.23	8.77	7.64	6.43	5.55	4.64	38.1 0.12500		
	3.90	3.23	2.82	2.23	1.85	1.50	1.29	3.845 13		
6:	9.00	3	4.89	0.05	5.5	5	1508.0	16		
		11.10	9.50	8.25	7.01	6.08	5.18	47.0 0.03125		
	4.21	3.48	2.86	2.25	1.84	1.53	1.35	3.925 13		
7:	5.49	-10	5.15	0.12	9.2	5	2513.5	16		
		12.14	10.73	9.52	7.90	6.85	5.58	44.9 0.25000		
	4.83	3.87	3.38	3.03	2.39	2.09	1.65	5.674 13		
8:	3.72	2	5.26	0.37	8.4	5	3770.3	16		
		12.51	10.69	9.01	7.69	6.62	5.47	52.3 0.03125		
	4.64	3.86	3.29	2.44	2.52	1.79	1.79	6.342 11		

D19_RAW.txt

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	1050N	1040N ON	1035N 1050N	1030N 11229N	1020N 950	1010N 4	1000N 16:39:31	980N	960N	940N
1:	47.61		2 4.60	2.08 3.69	0.24 3.44	7.2 3.04	2.61 0.61	5 2.27	188.5 16.5	9 0.50000
	1.69		1.58	1.51	1.09	0.91		0.49	6.610	9
2:	26.90		-5 4.75	2.24 3.80	0.68 3.09	8.6 2.61	2.38	5 2.21	377.0	11
	2.13		1.23	0.96	1.05	0.87		0.92		99
3:	30.10		1 7.01	3.15 6.04	0.43 5.32	6.8 4.66	4.05	5 3.49	377.0 28.9	12 0.06250
	2.50		2.65	2.04	1.51	0.77		0.04	6.372	8
4:	18.30		1 8.23	3.66 7.02	0.08 6.10	7.9 5.34	4.62	5 3.89	754.0 29.2	15 1.00000
	3.26		2.74	2.47	2.15	1.83		1.09	5.783	13
5:	11.54		-7 9.14	3.64 7.78	0.14 6.64	9.9 5.71	4.82	5 3.92	1256.7 77.2	15 0.00024
	3.16		2.50	1.90	1.36	0.89		0.30	13.889	11
6:	13.42		7 10.65	4.67 9.18	0.30 7.98	5.8 6.86	5.98	5 5.00	1099.6 42.7	16 0.06250
	4.16		3.36	2.79	2.47	1.99		1.04	2.784	12
7:	7.56		1 11.82	5.17 10.24	0.46 8.69	8.9 7.54	6.60	5 5.55	1979.3 54.9	16 0.01563
	4.60		3.74	2.96	2.54	1.87		1.16	1.754	10
8:	4.93		-9 12.15	5.26 10.58	0.19 9.01	9.1 7.70	6.73	5 5.56	3110.5 109.8	16 0.00024
	4.50		3.64	2.68	2.18	1.44		0.36	8.199	11

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	1060N	1040N ON	1035N 1060N	1030N 11229N	1020N 950	1010N 4	1000N 16:42:13	980N	960N	940N
1:	18.54		3 5.67	1.63 3.35	1.67 1.91	6.0 2.32	1.75	5 2.24	628.3	12
	1.65		1.30	0.48	0.98	0.76		-0.66		99
2:	13.30		-5 8.49	4.96 7.59	1.14 7.01	7.6 6.66	6.15	5 5.22	942.5 83.3	13 4096.00000
	4.69		4.19	3.61	3.13	2.39		1.42	2.138	5
3:	17.35		2 7.20	2.22 5.91	0.70 4.88	6.0 3.53	2.79	5 2.38	754.0	14
	1.83		1.26	0.85	0.44	0.48		0.50		99
4:	11.83		-0 9.56	4.28 8.11	0.02 7.05	5.7 6.22	5.27	5 4.57	1256.7 38.3	16 0.06250
	3.77		3.15	2.62	2.15	1.70		1.07	1.466	13
5:	8.01		-6 10.62	4.50 9.04	0.00 7.80	7.3 6.62	5.78	5 4.79	1885.0 75.5	16 0.00098
	3.97		3.28	2.65	2.17	1.63		0.98	2.723	13
6:	10.02		6 11.57	5.11 9.87	0.00 8.55	5.0 7.47	6.30	5 5.43	1508.0 50.2	16 0.03125
	4.53		3.91	3.33	2.71	1.99		1.27	3.178	13
7:	6.08		1 12.26	5.28 10.44	0.02 9.04	8.3 7.99	6.43	5 5.62	2513.5 69.0	16 0.00391
	4.81		3.80	3.19	2.71	1.85		1.18	4.215	13

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8:	4.18	-9	5.94	0.06	8.5		5	3770.3	17
		12.85	10.91	9.52	8.26	6.94	6.27	46.2	0.50000
	5.32	4.62	4.14	3.46	2.55	2.13	1.63	4.621	13
*									
1070N	1060N ON	1055N 1070N	1050N 11249N	1040N 596	1030N 4	1020N	1000N 16:45:53	980N	960N
1:	31.27	0	1.65	0.02	2.7		5	188.5	10
		5.07	3.92	3.23	2.84	2.92	2.06	42.0	0.00024
	1.59	1.65	1.18	0.81	0.61	0.55	0.28	16.556	13
2:	17.77	-1	2.21	0.03	5.0		5	377.0	11
		5.11	4.24	3.78	3.23	2.77	2.35	26.1	0.00781
	1.95	1.62	1.28	1.07	0.87	0.70	0.52	1.984	13
3:	20.65	-0	2.85	0.17	6.0		5	377.0	13
		6.52	5.48	4.83	4.16	3.65	3.02	26.2	0.06250
	2.58	2.14	1.77	1.48	1.20	0.94	0.76	1.544	12
4:	11.41	-1	3.51	0.03	4.6		5	754.0	14
		7.92	6.77	6.04	5.10	4.46	3.73	37.5	0.01563
	3.12	2.61	2.12	1.68	1.34	1.14	0.86	1.623	13
5:	6.99	-1	4.41	0.37	3.8		5	1256.7	15
		9.84	8.46	7.56	6.40	5.54	4.62	36.5	0.25000
	4.06	3.47	2.80	2.45	1.99	1.57	1.03	2.974	11
6:	8.78	-3	5.07	0.47	4.1		5	1099.6	16
		10.99	9.68	8.69	7.41	6.45	5.36	43.6	0.12500
	4.67	3.93	3.17	2.74	2.22	1.75	1.41	1.827	10
7:	4.86	5	5.70	1.43	9.0		5	1979.3	16
		12.22	10.70	9.82	8.40	7.50	5.92	46.0	0.50000
	5.45	4.61	3.68	3.22	2.55	1.95	1.43	1.161	5
8:	3.15	-1	6.32	0.00	17.8		5	3110.5	16
		13.57	11.80	11.34	8.86	7.94	6.52	49.9	0.50000
	5.90	4.61	4.21	3.61	3.26	2.43	1.51	8.531	13
*									
1080N	1060N ON	1055N 1080N	1050N 11249N	1040N 596	1030N 4	1020N	1000N 16:48:43	980N	960N
1:	11.57	0	3.17	1.39	2.6		5	628.3	12
		7.36	7.31	7.40	4.96	4.19	1.53		
	2.17	1.69	0.66	0.05	-0.24	0.27	1.06		99
2:	8.52	-2	3.07	0.03	4.9		5	942.5	13
		6.87	5.80	5.00	4.48	3.94	3.30	26.4	0.12500
	2.84	2.38	1.89	1.57	1.35	1.01	0.82	2.253	13
3:	11.68	-0	3.56	0.08	5.8		5	754.0	15
		8.10	6.87	6.02	5.22	4.48	3.77	52.0	0.00195
	3.20	2.61	2.14	1.66	1.28	0.98	0.80	3.305	13
4:	7.26	-1	4.23	0.08	4.2		5	1256.7	15
		9.45	8.10	7.14	6.22	5.32	4.52	49.0	0.00781
	3.77	3.11	2.46	1.98	1.56	1.20	1.02	2.409	13
5:	4.80	-0	4.70	0.32	3.4		5	1885.0	15
		10.67	9.08	8.03	6.86	5.81	5.02	54.7	0.00781
	4.24	3.40	2.75	2.12	1.55	1.19	1.05	2.080	10
6:	6.48	-2	5.36	0.21	3.7		5	1508.0	16
		11.80	10.19	8.96	7.85	6.71	5.74	76.8	0.00195
	4.81	3.88	3.12	2.48	1.84	1.33	1.26	5.583	13

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7:	3.88	5	5.31	0.24	8.4		5	2513.5	16
		12.46	10.86	9.37	8.28	6.95	5.77	71.2	0.00391
	5.07	3.85	3.11	2.54	2.01	1.49	1.38	3.981	13

8:	2.65	-1	5.25	0.96	16.7		5	3770.3	17
		12.24	10.50	9.31	8.08	6.41	5.63		
	4.57	3.26	2.25	1.34	0.35	-0.01	0.86		98

*
 1090N 1080N 1075N 1070N 1060N 1050N 1040N 1020N 1000N 980N
 ON ON 1090N 11269N 596 4 16:51:41|

1:	31.72	-2	2.16	0.27	11.7		5	188.5	10
		4.98	4.02	3.41	3.03	2.75	2.30	22.5	0.01563
	1.87	1.50	1.24	1.01	0.95	0.73	0.42	3.356	8

2:	18.02	4	2.23	0.01	5.0		5	377.0	11
		5.01	4.21	3.69	3.19	2.79	2.38	23.5	0.01563
	1.95	1.62	1.33	1.06	0.88	0.64	0.55	2.359	13

3:	20.24	-2	3.06	0.14	3.0		5	377.0	13
		6.73	5.71	5.04	4.41	3.83	3.24	24.4	4.00000
	2.78	2.35	1.99	1.75	1.49	1.27	1.07	5.489	13

4:	11.32	-2	3.37	0.15	3.3		5	754.0	14
		7.87	6.74	5.89	5.08	4.39	3.60	50.2	0.00195
	2.98	2.45	1.98	1.61	1.27	0.94	0.63	2.436	12

5:	7.42	1	4.42	0.28	6.0		5	1256.7	16
		9.72	8.20	7.31	6.34	5.36	4.58	35.7	0.25000
	4.06	3.37	2.81	2.31	1.96	1.47	0.89	2.667	12

6:	8.43	-0	4.91	0.31	5.0		5	1099.6	16
		10.67	9.32	8.36	7.15	6.32	5.18	47.7	0.03125
	4.40	3.60	3.02	2.45	1.90	1.37	0.91	1.541	11

7:	4.98	-2	5.77	0.99	7.1		5	1979.3	17
		12.67	10.58	9.72	8.36	6.83	5.78	51.0	0.06250
	5.36	4.44	3.45	2.84	2.12	1.31	1.01	3.583	7

8:	3.19	2	6.47	1.08	11.4		5	3110.5	17
		13.89	12.39	11.59	9.65	8.37	6.87	59.0	0.06250
	5.86	4.56	3.97	3.02	2.12	1.30	0.99	2.496	7

*
 1100N 1080N 1075N 1070N 1060N 1050N 1040N 1020N 1000N 980N
 ON ON 1100N 11269N 596 4 16:54:16|

1:	12.30	-2	2.36	0.00	8.5		5	628.3	13
		8.26	6.47	5.25	4.33	2.52	2.17	47.8	0.00024
	1.68	2.19	1.06	0.23	1.96	0.86	0.13	89.701	13

2:	8.89	4	3.18	0.06	4.9		5	942.5	14
		6.65	5.59	4.83	4.26	3.91	3.36	31.2	0.01563
	2.45	2.02	1.83	1.56	1.04	0.85	0.76	6.028	13

3:	11.60	-2	3.53	0.00	2.7		5	754.0	15
		8.20	6.92	5.93	5.10	4.39	3.71	51.5	0.00195
	3.11	2.53	2.07	1.71	1.37	0.96	0.74	4.124	13

4:	7.25	-2	4.23	0.13	3.0		5	1256.7	15
		9.64	8.14	7.11	6.25	5.49	4.51	45.0	0.01563
	3.92	3.08	2.50	2.02	1.67	1.29	1.02	2.111	13

5:	5.10	1	4.94	0.20	5.4		5	1885.0	16
		10.68	9.28	7.97	7.01	6.17	5.19	56.0	0.00781
	4.36	3.46	3.00	2.47	1.76	1.27	0.92	5.587	12

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6:	6.25	-0	5.54	0.30	4.6		5	1508.0	16
		11.80	10.46	8.90	7.84	6.86	5.74	62.0	0.00781
	4.94	3.73	3.16	2.52	1.92	1.31	0.91	3.142	11
7:	3.98	-2	6.64	0.90	6.5		5	2513.5	17
		13.16	11.42	10.10	9.06	7.95	6.79	48.4	1.00000
	6.06	4.38	3.87	3.26	2.31	1.70	1.30	1.727	7
8:	2.70	2	6.61	0.47	9.6		5	3770.3	17
		13.68	12.15	10.22	9.37	8.05	6.77		
	5.92	3.73	3.39	2.50	1.26	0.25	-0.07		98

*

1110N	1100N ON	1095N 1110N	1090N 11289N	1080N 596	1070N 4	1060N	1040N	1020N	1000N
						16:57:19			
1:	30.81	-1	1.84	0.10	12.6		5	188.5	10
		4.50	3.66	3.28	3.44	2.26	2.00		
	1.68	1.06	1.11	0.83	0.16	0.29	-0.01		98
2:	17.45	7	2.38	0.01	9.5		5	377.0	11
		5.52	4.55	3.97	3.33	2.95	2.56	30.8	0.00391
	2.06	1.79	1.39	1.06	0.89	0.71	0.53	3.280	13
3:	20.62	-4	3.07	0.02	6.6		5	377.0	13
		6.75	5.68	5.03	4.37	3.80	3.26	24.0	2.00000
	2.78	2.34	2.00	1.68	1.43	1.23	1.09	5.763	13
4:	11.97	-4	3.42	0.07	5.7		5	754.0	15
		7.94	6.63	5.89	5.07	4.36	3.66	45.1	0.00391
	3.02	2.51	2.07	1.56	1.30	1.05	0.79	2.204	13
5:	7.39	4	4.25	0.13	4.9		5	1256.7	16
		9.81	8.12	7.20	6.31	5.40	4.54	45.6	0.01563
	3.80	3.12	2.62	2.08	1.66	1.37	1.04	1.588	13
6:	8.65	-0	4.72	0.00	5.5		5	1099.6	16
		10.85	9.12	8.18	6.96	6.09	5.17	78.4	0.00098
	4.11	3.44	2.92	2.15	1.73	1.35	0.94	5.294	13
7:	4.82	-1	5.39	0.71	21.6		5	1979.3	16
		12.33	10.55	9.63	8.11	6.82	5.98	58.4	0.01563
	5.03	3.86	3.19	2.62	2.03	1.57	1.02	2.449	8
8:	3.27	-2	7.14	0.13	28.2		5	3110.5	17
		14.79	12.75	11.93	10.09	8.76	7.71	55.4	4.00000
	6.22	5.72	5.47	3.77	3.29	2.95	2.38	5.745	13

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1120N	1100N ON	1095N 1120N	1090N 11289N	1080N 596	1070N 4	1060N	1040N	1020N	1000N
						16:59:58			
1:	12.30	-1	4.32	0.00	10.9		5	628.3	13
		8.08	7.63	6.35	4.78	3.48	3.68	55.1	0.00024
	3.16	1.63	1.30	0.14	0.84	1.19	0.39	91.147	13
2:	8.78	7	2.92	0.19	8.5		5	942.5	14
		7.03	5.71	5.12	4.52	3.99	3.15	26.4	0.12500
	2.81	2.26	1.88	1.62	1.34	1.05	0.90	3.254	12
3:	11.98	-5	3.60	0.10	5.3		5	754.0	15
		8.14	6.92	6.07	5.23	4.50	3.80	34.9	0.03125
	3.15	2.62	2.14	1.74	1.40	1.13	0.93	1.234	13
4:	7.75	-4	4.20	0.01	4.7		5	1256.7	16
		9.23	7.98	7.07	6.13	5.32	4.44	40.9	0.03125
	3.74	3.07	2.56	2.04	1.69	1.39	1.05	1.419	13

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5:	5.13	4	4.85	0.19	4.3		5	1885.0	16
	10.87		9.32	8.31	7.15	6.21	5.19	40.0	0.25000
	4.36	3.54	3.09	2.63	2.05	1.76	1.46	3.597	13
6:	6.44	-1	5.19	0.04	5.1		5	1508.0	16
	11.56		10.10	9.03	7.79	6.80	5.47	43.0	0.25000
	4.87	3.95	3.28	2.58	2.27	1.91	1.57	3.816	13
7:	3.88	-1	6.18	0.62	14.4		5	2513.5	16
	12.97		11.48	10.26	8.90	7.91	6.42	49.6	0.25000
	5.80	4.59	3.99	3.18	2.73	2.36	1.79	1.964	10
8:	2.78	-2	6.59	0.00	21.3		5	3770.3	18
	13.97		12.77	11.53	9.86	8.32	6.69	54.8	0.12500
	6.06	4.45	3.35	2.64	2.62	2.80	1.99	12.961	13

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	1130N	1120N ON	1115N 1130N	1110N 11309N	1100N 596	1090N 4	1080N 17:03:05	1060N	1040N	1020N
1:	29.62	-1	1.65	0.54	10.7		5	188.5	9	
	6.37		4.97	3.45	4.18	3.19	1.36			
	1.79	2.41	2.38	0.99	1.08	0.40	-0.23		98	
2:	18.30	8	2.85	0.33	5.7		5	377.0	12	
	5.70		4.84	4.36	3.70	3.34	3.04	21.1	0.50000	
	2.62	2.01	1.72	1.59	1.34	1.31	1.16	3.296	9	
3:	20.96	-5	2.53	0.27	5.0		5	377.0	13	
	6.53		5.46	4.68	4.06	3.41	2.71	58.3	0.00024	
	2.26	1.83	1.41	1.04	0.79	0.52	0.37	2.324	9	
4:	11.78	2	3.57	0.18	5.9		5	754.0	15	
	8.40		7.19	6.24	5.34	4.63	3.80	38.9	0.01563	
	3.23	2.69	2.17	1.74	1.40	1.15	0.91	1.085	12	
5:	7.53	0	4.65	0.12	6.5		5	1256.7	16	
	9.94		8.72	7.71	6.65	5.78	4.94	36.2	4.00000	
	4.17	3.40	2.89	2.44	2.11	1.94	1.76	8.263	13	
6:	8.94	0	4.89	0.30	4.8		5	1099.6	16	
	11.44		10.01	8.53	7.36	6.37	5.18	49.2	0.03125	
	4.48	3.75	2.95	2.43	2.07	1.67	1.48	2.411	12	
7:	4.91	1	5.88	0.63	15.4		5	1979.3	16	
	13.39		11.60	10.19	8.85	7.53	6.33	51.3	0.12500	
	5.30	4.21	3.56	3.70	2.91	2.63	2.24	7.016	10	
8:	3.20	-3	6.64	0.40	23.3		5	3110.5	17	
	16.36		14.56	11.86	10.87	8.93	6.80	70.3	0.03125	
	6.87	6.21	5.22	3.04	2.67	2.02	2.07	10.967	13	

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	1140N	1120N ON	1115N 1140N	1110N 11309N	1100N 596	1090N 4	1080N 17:05:44	1060N	1040N	1020N
1:	11.50	-1	1.97	0.09	9.3		5	628.3	12	
	3.25		4.77	3.91	0.31	1.56	2.70			
	0.32	0.64	-0.08	0.32	-0.91	0.98	-0.75		98	
2:	8.93	8	3.18	0.06	5.5		5	942.5	14	
	7.41		6.19	5.38	4.70	4.10	3.33	29.7	0.06250	
	2.96	2.50	2.17	1.73	1.38	0.86	0.93	7.660	13	
3:	11.89	-5	3.59	0.08	4.6		5	754.0	15	
	8.15		6.95	6.05	5.20	4.42	3.77	38.0	0.01563	
	3.11	2.54	2.16	1.78	1.40	1.15	0.86	1.775	13	

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4:	7.47	1	4.22	0.10	5.3		5	1256.7	16
		9.39	8.01	7.07	6.10	5.18	4.43	48.6	0.00781
	3.62	2.96	2.51	2.05	1.61	1.22	0.97	2.044	13
5:	5.13	-0	4.72	0.10	5.8		5	1885.0	16
		10.69	9.07	7.90	6.85	5.88	5.00	46.1	0.03125
	4.17	3.47	2.97	2.43	1.96	1.52	1.13	2.624	13
6:	6.57	1	4.93	0.18	4.2		5	1508.0	17
		11.28	9.92	8.67	7.54	6.30	5.26	65.6	0.00391
	4.34	3.63	3.06	2.59	1.84	1.46	1.10	3.966	13
7:	3.91	1	5.76	0.30	15.0		5	2513.5	17
		12.57	10.57	9.46	8.23	7.05	6.17	46.0	0.25000
	4.98	4.20	3.72	3.00	2.36	2.04	1.63	2.880	13
8:	2.71	-3	5.57	0.00	22.4		5	3770.3	17
		12.70	11.18	9.81	8.24	6.45	5.89	116.3	0.00024
	4.50	3.73	3.15	2.69	2.04	1.63	0.76	14.262	13

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1150N	1140N ON	1135N 1150N	1130N 11329N	1120N 596	1110N 4	1100N 17:08:57	1080N	1060N	1040N
1:	28.71	3	4.70	0.86	4.2		5	188.5	9
		6.99	5.54	3.79	2.77	3.33	5.28		
	2.61	2.17	1.36	1.77	0.18	0.74	0.38		99
2:	17.81	2	2.36	0.01	21.6		5	377.0	11
		5.49	4.64	4.08	3.68	3.04	2.49	22.2	0.06250
	2.25	1.83	1.49	1.20	1.13	0.77	0.60	4.719	13
3:	19.78	-8	2.84	0.04	22.7		5	377.0	13
		6.67	5.55	4.81	4.19	3.55	3.01	24.9	0.12500
	2.56	2.12	1.82	1.48	1.31	1.04	0.76	4.062	13
4:	11.32	-2	3.61	0.00	5.2		5	754.0	14
		8.18	6.90	6.05	5.26	4.49	3.83	42.1	0.00781
	3.22	2.57	2.22	1.87	1.36	1.02	0.82	3.979	13
5:	7.42	-0	4.21	0.04	5.4		5	1256.7	16
		9.73	8.34	7.32	6.34	5.34	4.55	55.6	0.00391
	3.73	3.02	2.54	2.08	1.65	1.31	0.88	4.206	13
6:	8.73	2	5.36	0.07	5.5		5	1099.6	16
		11.52	9.78	8.72	7.47	6.41	5.75	50.6	0.03125
	4.79	3.86	3.28	2.70	2.08	1.70	1.16	4.391	13
7:	5.01	1	5.83	0.07	4.4		5	1979.3	17
		12.86	10.99	9.73	8.19	7.15	6.35	55.5	0.03125
	5.11	4.09	3.41	3.11	2.19	1.94	1.28	5.203	13
8:	3.22	2	7.48	0.79	14.9		5	3110.5	17
		16.08	13.73	12.46	10.59	9.01	7.87	83.2	0.00781
	6.70	4.65	3.71	3.79	2.87	2.02	1.32	4.928	8

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1160N	1140N ON	1135N 1160N	1130N 11329N	1120N 596	1110N 4	1100N 17:11:29	1080N	1060N	1040N
1:	10.84	3	-3.51	1.92	3.7		5	628.3	11
		2.29	2.87	-0.20	0.68	-0.83	-4.60		
	-2.33	-3.16	-0.48	-1.82	-3.75	2.19	0.56		99
2:	8.55	2	3.76	0.11	17.5		5	942.5	14
		7.32	6.29	5.75	4.82	4.14	3.85	27.8	0.25000
	3.37	2.63	2.25	1.89	1.54	0.87	1.05	9.992	13

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3:	11.18	-7	3.70	0.13	18.7		5	754.0	14
		8.42	7.11	6.22	5.27	4.66	3.91	42.8	0.00781
	3.28	2.62	2.18	1.74	1.46	1.02	0.86	3.114	13
4:	7.19	-2	4.41	0.21	4.8		5	1256.7	15
		9.53	8.11	7.16	6.24	5.35	4.67	39.0	0.06250
	3.85	3.12	2.68	2.18	1.73	1.40	1.19	2.175	13
5:	5.08	0	4.92	0.93	4.9		5	1885.0	16
		10.88	9.37	8.26	7.14	6.29	5.25	44.5	0.06250
	4.34	3.40	2.86	2.28	1.85	1.39	1.32	0.847	6
6:	6.46	1	6.03	0.27	5.1		5	1508.0	16
		12.04	10.60	9.14	8.14	7.32	6.24	45.8	0.25000
	5.39	4.03	3.39	3.00	2.49	2.04	1.36	3.674	12
7:	4.02	0	5.99	0.86	3.9		5	2513.5	17
		13.21	11.86	10.16	8.43	7.59	6.19	62.8	0.01563
	5.32	4.03	3.59	2.93	2.11	2.01	1.55	1.852	7
8:	2.74	3	7.44	1.94	14.1		5	3770.3	17
		15.44	13.82	11.88	9.72	8.74	7.60		
	6.64	4.76	4.79	3.68	2.61	2.20	2.23		99

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1170N	1160N ON	1155N 1170N	1150N 11349N	1140N 596	1130N 4	1120N 17:14:23	1100N	1080N	1060N
1:	30.79	1	2.32	0.28	13.4		5	188.5	10
		4.33	3.70	3.41	2.33	1.83	1.75	15.8	8.00000
	2.08	1.88	1.48	0.28	0.72	0.81	0.44	17.951	9
2:	16.95	-4	1.87	0.09	7.3		5	377.0	11
		4.94	4.06	3.54	2.98	2.72	2.08	43.0	0.00024
	1.65	1.27	1.04	0.95	0.59	0.35	0.29	7.413	11
3:	19.70	1	2.45	0.04	6.2		5	377.0	12
		6.12	5.07	4.47	3.76	3.18	2.64	52.4	0.00024
	2.14	1.76	1.44	1.07	0.79	0.58	0.40	11.189	13
4:	11.09	5	3.48	0.05	13.7		5	754.0	14
		8.19	6.79	5.92	5.21	4.45	3.69	34.4	0.03125
	3.04	2.58	2.23	1.68	1.34	1.09	0.94	3.234	13
5:	7.23	-10	4.20	0.26	16.1		5	1256.7	15
		9.84	8.24	7.24	6.20	5.47	4.57	49.9	0.00781
	3.69	3.21	2.61	2.12	1.35	1.38	1.01	6.427	12
6:	8.74	0	4.61	0.03	6.8		5	1099.6	16
		10.74	9.07	8.10	6.98	5.83	4.93	87.7	0.00049
	4.00	3.31	2.77	2.03	1.73	1.22	0.99	3.876	13
7:	5.04	0	4.76	0.18	7.3		5	1979.3	17
		11.83	10.06	8.94	7.51	6.54	5.16	108.8	0.00024
	4.12	3.66	2.86	1.86	1.76	1.32	1.30	7.801	13
8:	3.37	4	5.79	0.00	7.7		5	3110.5	18
		12.83	11.25	10.07	8.40	6.28	6.12	120.0	0.00024
	4.80	4.10	3.70	2.04	2.16	1.73	0.90	13.360	13

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1180N	1160N ON	1155N 1180N	1150N 11349N	1140N 596	1130N 4	1120N 17:17:00	1100N	1080N	1060N
1:	11.33	2	1.76	0.57	9.3		5	628.3	12
		4.27	0.85	0.88	1.08	2.83	1.96		
	3.28	2.56	0.67	2.93	2.07	2.48	-0.23		99

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2:	8.06	-5	2.97	0.05	6.9		5	942.5	13
		6.93	6.23	5.50	4.45	3.45	3.21	63.1	0.00024
	2.54	2.08	1.89	1.32	0.99	0.52	0.65	15.047	13
3:	11.16	1	3.48	0.09	6.0		5	754.0	14
		8.11	6.92	6.01	5.18	4.45	3.78	41.7	0.00781
	3.16	2.56	2.10	1.70	1.43	1.04	0.84	2.066	13
4:	7.12	4	4.17	0.10	9.1		5	1256.7	15
		9.55	8.09	6.95	6.19	5.34	4.45	38.2	0.06250
	3.69	3.20	2.50	2.01	1.81	1.41	1.14	3.124	13
5:	5.02	-9	4.80	0.03	11.4		5	1885.0	16
		11.15	9.56	8.35	7.15	6.19	5.35	39.5	0.50000
	4.27	3.81	3.28	2.70	2.26	1.73	1.57	4.528	13
6:	6.54	1	5.37	0.18	6.3		5	1508.0	17
		12.15	10.45	9.14	8.14	6.85	5.92	45.3	0.25000
	5.13	4.29	3.39	2.85	2.43	2.03	1.64	3.133	13
7:	4.08	0	5.66	0.02	6.2		5	2513.5	17
		13.19	11.66	10.19	9.04	7.81	6.66	47.6	1.00000
	5.56	4.87	3.80	3.30	2.66	2.32	2.04	4.575	13
8:	2.88	4	5.92	0.74	6.6		5	3770.3	18
		13.07	10.95	9.58	8.79	7.35	6.38	47.8	4.00000
	5.80	5.08	3.54	3.80	3.32	2.33	1.81	4.927	9

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	1190N	1180N ON	1175N 1190N	1170N 11369N	1160N 596	1150N 4	1140N 17:20:10	1120N	1100N	1080N
1:	30.93	6	2.17	0.30	9.9		5	188.5	10	
		5.44	4.49	3.78	2.22	2.62	1.72	19.1	16.00000	
	2.53	1.91	1.43	1.64	1.14	0.87	0.70	24.189	9	
2:	19.10	5	2.13	0.08	7.6		5	377.0	12	
		4.98	4.15	3.64	3.27	2.68	2.35	45.3	0.00024	
	1.80	1.52	1.27	0.79	0.73	0.52	0.42	7.908	13	
3:	19.85	-2	2.69	0.05	8.1		5	377.0	13	
		6.36	5.32	4.63	3.95	3.39	2.86	45.1	0.00098	
	2.44	1.99	1.57	1.29	0.98	0.74	0.57	3.669	13	
4:	11.16	-4	3.28	0.13	9.2		5	754.0	14	
		7.61	6.43	5.68	4.93	4.20	3.51	71.1	0.00024	
	2.89	2.42	1.95	1.52	1.05	0.78	0.60	7.149	12	
5:	7.15	3	3.91	0.04	5.3		5	1256.7	15	
		9.05	7.66	6.67	5.77	4.98	4.21	32.3	0.25000	
	3.46	2.84	2.28	2.05	1.82	1.47	1.13	5.545	13	
6:	8.70	-7	4.92	0.00	5.6		5	1099.6	16	
		10.71	9.11	8.05	7.10	6.09	5.28	43.7	0.06250	
	4.32	3.58	3.09	2.46	1.95	1.57	1.22	1.667	13	
7:	5.14	4	6.39	0.64	8.9		5	1979.3	17	
		12.43	10.79	10.11	9.17	7.86	6.80	55.5	32.00000	
	5.86	5.04	4.38	3.88	3.48	2.93	2.46	4.066	11	
8:	3.42	0	3.97	1.56	13.5		5	3110.5	18	
		11.87	9.56	8.40	7.10	5.73	4.37			
	3.48	2.63	1.75	1.19	1.00	0.37	-0.33		99	

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	1200N	1180N ON	1175N 1200N	1170N 11369N	1160N 596	1150N 4	1140N 17:22:47	1120N	1100N	1080N
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1:	11.55	4	1.34	1.37	9.6		5	628.3	12
		7.54	6.24	5.47	3.01	1.75	1.04		
	0.21	1.10	0.95	0.41	0.17	0.54	0.42		99
2:	9.19	7	3.06	0.18	7.4		5	942.5	15
		6.59	5.51	4.96	4.48	3.93	3.34	25.9	0.12500
	2.79	2.28	1.86	1.68	1.27	0.94	0.74	3.751	12
3:	11.32	-4	3.23	0.00	7.0		5	754.0	14
		7.89	6.61	5.83	4.99	4.24	3.44	68.8	0.00024
	2.84	2.30	1.81	1.40	1.12	0.81	0.49	11.691	13
4:	7.19	-3	3.98	0.11	8.0		5	1256.7	15
		9.02	7.67	6.80	5.89	5.14	4.26	74.6	0.00049
	3.52	2.82	2.27	1.79	1.41	1.02	0.84	4.300	13
5:	5.00	3	4.50	0.11	4.8		5	1885.0	16
		9.93	8.65	7.67	6.60	5.82	4.78	95.9	0.00024
	3.93	3.20	2.65	2.14	1.71	1.13	0.75	9.903	13
6:	6.58	-7	4.80	0.16	5.3		5	1508.0	17
		11.13	9.56	8.57	7.33	6.33	5.15	105.4	0.00024
	4.24	3.49	2.90	2.16	1.66	1.19	0.57	5.582	12
7:	4.20	4	5.01	0.33	8.1		5	2513.5	18
		11.96	10.21	9.15	7.73	6.83	5.31		
	4.33	3.23	2.36	1.55	1.12	0.31	-0.28		98
8:	2.95	1	4.71	0.00	11.6		5	3770.3	19
		11.54	10.09	9.09	7.79	6.48	4.94	76.0	0.00024
	4.09	3.14	1.91	1.45	1.19	0.47	0.11	88.887	13

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	1210N	1200N ON	1195N 1210N	1190N 11389N	1180N 596	1170N 4	1160N	1140N 17:25:39	1120N	1100N
1:	30.54	-3	4.05	0.02	7.8		5	188.5	10	
		5.05	4.09	2.75	2.65	3.81	4.52			
	1.88	1.08	-0.25	0.75	0.88	0.26	0.11		98	
2:	18.79	10	1.99	0.01	6.9		5	377.0	12	
		5.28	4.38	3.96	3.45	2.70	2.13	44.4	0.00024	
	1.95	1.63	1.41	0.78	0.61	0.47	0.29	19.724	13	
3:	20.19	-7	3.36	0.01	5.6		5	377.0	13	
		7.13	6.06	5.31	4.61	4.07	3.53	26.0	4.00000	
	3.00	2.53	2.14	1.89	1.60	1.35	1.13	4.845	13	
4:	11.74	4	3.63	0.03	5.9		5	754.0	15	
		8.00	6.77	6.08	5.24	4.49	3.81	34.9	0.03125	
	3.23	2.62	2.16	1.74	1.46	1.18	0.87	1.902	13	
5:	7.28	2	3.66	0.12	8.1		5	1256.7	15	
		9.05	7.63	6.74	5.68	4.77	3.91	81.9	0.00024	
	3.28	2.74	2.26	1.71	1.30	0.85	0.43	7.351	12	
6:	8.71	-6	5.07	0.26	10.7		5	1099.6	16	
		10.91	9.48	8.34	7.16	6.48	5.25	39.8	4.00000	
	4.57	3.81	3.31	2.69	2.37	2.18	1.90	7.646	13	
7:	5.17	0	4.93	0.08	11.2		5	1979.3	17	
		11.51	9.77	8.98	7.48	6.49	5.23	102.7	0.00024	
	4.35	3.54	2.84	2.42	1.72	1.19	0.55	21.501	13	
8:	3.53	1	6.36	0.61	8.6		5	3110.5	18	
		13.51	12.00	10.49	9.39	8.38	6.44	52.0	8.00000	
	5.87	4.83	4.48	3.62	3.24	3.12	2.69	7.941	12	

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1220N	1200N ON	1195N 1220N	1190N 11389N	1180N 596	1170N 4	1160N 17:28:08	1140N	1120N	1100N
1:	11.76	-4	0.88	1.92	7.4	5	628.3	12	
	4.70	2.70	-3.00	3.67	9.17	4.38	2.02		
		2.86	-2.07	0.01	-0.43	4.12	1.81		99
2:	9.33	10	3.31	0.07	6.5	5	942.5	15	
	2.83	7.31	6.32	5.19	4.00	3.78	3.33	51.7	0.00098
		2.30	2.09	1.62	1.32	0.73	0.57	12.580	13
3:	11.81	-7	3.54	0.01	4.7	5	754.0	15	
	3.14	8.39	6.96	6.07	5.40	4.62	3.83	47.1	0.00391
		2.61	2.08	1.70	1.38	1.10	0.80	2.476	13
4:	7.71	5	3.86	0.35	5.0	5	1256.7	16	
	3.49	9.27	7.67	6.70	5.94	5.12	4.14	51.8	0.00391
		2.83	2.24	1.89	1.50	1.20	0.72	2.014	10
5:	5.16	1	4.67	0.14	6.9	5	1885.0	16	
	4.17	10.64	8.98	7.74	6.85	5.94	4.98	42.2	0.06250
		3.45	2.76	2.37	1.88	1.52	1.25	1.951	13
6:	6.67	-5	4.76	0.31	9.5	5	1508.0	17	
	4.29	11.08	9.41	8.20	7.42	6.31	5.16	70.6	0.00195
		3.50	2.68	2.16	1.69	1.45	1.00	3.462	11
7:	4.27	0	5.67	0.46	10.4	5	2513.5	18	
	5.08	12.54	10.67	9.35	8.28	7.13	6.21	91.0	0.00098
		3.97	2.73	2.43	2.07	1.80	1.18	6.403	10
8:	3.07	0	5.55	1.09	8.0	5	3770.3	19	
	5.58	12.58	10.52	9.48	9.54	7.51	6.15	46.6	0.50000
		4.69	3.08	2.61	2.41	2.04	1.27	4.991	7

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1230N	1220N ON	1215N 1230N	1210N 11409N	1200N 596	1190N 4	1180N 17:31:17	1160N	1140N	1120N
1:	34.26	0	1.72	0.37	15.0	5	188.5	11	
	1.67	4.42	3.98	3.42	3.00	2.79	1.81	16.9	0.50000
		1.69	0.75	1.09	1.13	1.15	0.53	2.297	5
2:	17.56	3	2.39	0.22	4.2	5	377.0	11	
	2.06	5.43	4.39	3.87	3.36	2.86	2.56	22.8	0.03125
		1.61	1.49	1.09	0.79	0.62	0.61	3.782	9
3:	22.17	-6	2.86	0.06	2.3	5	377.0	14	
	2.59	6.64	5.63	4.88	4.24	3.76	3.03	23.3	0.50000
		2.14	1.68	1.63	1.39	1.10	0.90	6.309	13
4:	12.59	1	3.26	0.09	10.0	5	754.0	16	
	2.89	7.81	6.55	5.64	4.99	4.35	3.49	43.8	0.00391
		2.30	1.91	1.68	1.27	1.13	0.67	6.294	13
5:	8.01	-1	4.56	0.46	11.9	5	1256.7	17	
	4.13	10.04	8.47	7.44	6.57	5.86	4.85	36.2	0.50000
		3.41	3.11	2.63	2.07	1.87	1.49	3.770	10
6:	9.45	4	4.59	0.24	6.9	5	1099.6	17	
	4.11	10.44	9.06	7.94	6.83	6.00	4.93	49.3	0.01563
		3.25	2.60	2.23	1.92	1.47	1.07	3.010	12
7:	5.37	-1	5.27	0.59	11.4	5	1979.3	18	
	4.85	11.86	10.24	9.08	7.66	6.98	5.63	56.3	0.01563
		3.86	3.06	2.86	2.43	1.86	1.57	2.427	9

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8:	3.66	-4	5.58	0.32	11.0		5	3110.5	19
		12.47	10.70	9.61	8.24	7.70	6.08	90.9	0.00098
	5.28	3.57	2.34	2.17	2.36	1.70	1.55	12.847	12
*									
1240N	1220N ON	1215N 1240N	1210N 11409N	1200N 736	1190N 4	1180N	1160N 17:34:10	1140N	1120N
1:	17.08	1	1.28	0.69	10.6		5	628.3	15
		7.73	6.69	6.58	6.08	3.77	1.56		
	1.72	3.18	1.79	2.19	0.55	0.49	-0.11		98
2:	11.20	3	3.18	0.10	4.1		5	942.5	14
		6.08	5.05	4.16	3.42	3.33	3.32	22.4	0.12500
	2.63	1.66	1.66	1.05	1.13	0.86	0.87	13.295	13
3:	16.42	-7	3.27	0.15	2.0		5	754.0	17
		7.98	6.86	6.05	5.31	4.44	3.52	41.2	0.00781
	3.02	2.68	2.08	1.82	1.28	1.00	0.72	4.236	12
4:	10.43	1	3.82	0.12	6.5		5	1256.7	18
		8.85	7.57	6.65	5.78	4.89	4.04	45.8	0.00781
	3.48	2.95	2.38	1.97	1.51	1.17	0.85	3.874	13
5:	7.09	-2	4.53	0.03	8.2		5	1885.0	18
		10.15	8.64	7.62	6.51	5.75	4.81	52.9	0.00781
	4.06	3.36	2.80	2.18	1.81	1.31	1.01	3.745	13
6:	8.98	4	4.92	0.15	6.1		5	1508.0	18
		10.84	9.43	8.26	7.16	6.26	5.18	52.1	0.01563
	4.47	3.62	3.03	2.37	1.93	1.52	1.16	2.077	13
7:	5.51	-1	5.23	0.40	10.0		5	2513.5	19
		11.56	10.05	8.68	7.61	6.49	5.52	54.6	0.01563
	4.67	3.80	3.18	2.29	1.85	1.22	0.95	3.089	10
8:	3.96	-4	5.73	0.42	9.8		5	3770.3	20
		12.68	11.43	9.99	8.74	7.71	6.29	51.1	0.12500
	5.29	4.83	4.10	3.12	2.39	1.86	1.38	3.769	11
*									
1250N	1240N ON	1235N 1250N	1230N 11429N	1220N 735	1210N 4	1200N	1180N 17:37:03	1160N	1140N
1:	40.09	3	1.96	0.32	5.8		5	188.5	10
		4.75	3.82	3.45	2.99	3.63	2.09		
	2.50	0.74	0.42	-0.25	-0.26	0.61	0.48		98
2:	23.88	-4	2.44	0.02	6.0		5	377.0	12
		5.35	4.54	3.99	3.39	2.89	2.58	23.8	64.00000
	2.09	1.91	1.67	1.65	1.28	1.11	0.98	8.950	13
3:	28.31	-1	2.51	0.12	5.8		5	377.0	15
		5.99	5.04	4.36	3.72	3.17	2.66	55.2	0.00024
	2.22	1.83	1.51	1.15	0.89	0.63	0.45	4.511	12
4:	16.72	-1	3.18	0.00	2.8		5	754.0	17
		7.44	6.31	5.49	4.70	4.12	3.40	34.3	0.01563
	2.91	2.35	1.92	1.52	1.16	1.03	0.82	2.832	13
5:	10.87	-1	3.91	0.00	3.4		5	1256.7	19
		8.91	7.67	6.65	5.69	4.90	4.17	38.2	0.03125
	3.41	2.86	2.32	1.97	1.52	1.26	1.03	1.817	13
6:	12.75	-1	4.40	0.00	4.7		5	1099.6	19
		10.24	8.83	7.70	6.53	5.68	4.70	48.0	0.01563
	3.99	3.32	2.73	2.17	1.72	1.44	1.12	1.298	13

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7:	7.14	3	4.46	0.21	6.9		5	1979.3	19	
		11.02	9.72	8.29	7.20	6.01	4.79	101.3	0.00024	
	4.01	3.21	2.74	1.98	1.47	0.78	0.97	4.924	11	
8:	4.69	1	6.58	0.44	13.1		5	3110.5	20	
		12.55	11.37	9.70	8.35	7.94	7.16	51.1	16.00000	
	5.50	4.99	3.96	3.53	2.19	2.85	2.78	14.486	13	
*	1260N	1240N	1235N	1230N	1220N	1210N	1200N	1180N	1160N	1140N
		ON	1260N	11429N	735	4	17:39:39			
1:	16.00	3	3.36	0.15	4.1		5	628.3	14	
		5.74	4.76	3.85	3.90	2.91	3.35	20.7	4.00000	
	2.49	1.95	1.52	1.54	0.49	1.07	0.93	10.003	12	
2:	12.11	-5	2.59	0.06	5.5		5	942.5	16	
		6.22	5.17	4.44	3.87	3.36	2.78	57.0	0.00024	
	2.27	1.88	1.51	1.14	0.92	0.68	0.57	3.319	13	
3:	16.73	-1	3.08	0.02	5.5		5	754.0	17	
		7.28	6.07	5.18	4.49	3.89	3.29	45.2	0.00195	
	2.70	2.20	1.75	1.43	1.15	0.89	0.69	1.680	13	
4:	10.99	-1	3.61	0.00	2.4		5	1256.7	19	
		8.31	6.96	6.09	5.28	4.57	3.82	59.1	0.00098	
	3.10	2.53	2.06	1.64	1.25	1.00	0.78	2.514	13	
5:	7.67	-1	4.26	0.12	2.9		5	1885.0	20	
		9.82	8.21	7.13	6.28	5.39	4.54	61.5	0.00195	
	3.66	3.01	2.39	1.92	1.55	1.21	0.93	2.080	13	
6:	9.68	-1	4.64	0.06	4.2		5	1508.0	20	
		10.59	8.88	7.79	6.83	5.88	4.95	75.5	0.00098	
	4.01	3.24	2.57	2.08	1.62	1.25	1.01	2.889	13	
7:	5.86	3	4.97	0.04	5.7		5	2513.5	20	
		11.39	9.45	8.40	7.41	6.37	5.28	105.6	0.00024	
	4.32	3.46	2.69	2.11	1.63	1.28	1.10	4.344	13	
8:	4.07	1	5.42	0.32	11.0		5	3770.3	21	
		12.06	9.80	8.66	8.05	7.04	5.78	110.3	0.00024	
	4.46	3.49	2.60	2.21	1.62	1.19	0.96	7.143	11	