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Delta represents deviations of the observed frequency from that calculated from the corresponding observed upper energy level presented in tables 2-3, 5-7

Fr.obs. cm-1	Int. Obs. cm-2/atm	Int.Calc. cm-2/atm	Delta cm-1	VIB	J	Ka	Kc	J	Ka	Kc	ISO
					Upper			Lower			
9541.014	6.59E-08	1.46E-08	-0.006	(20-,4)	8	1	8	9	1	9	32
		4.39E-08	-0.006	(20-,4)	8	0	8	9	0	9	32
9542.692	2.99E-08	4.98E-09	0.022	(30-,2)	8	0	8	9	2	7	32
		3.86E-09	-0.019	(20-,4)	9	0	9	9	2	8	32
		1.15E-08	-0.019	(20-,4)	9	1	9	9	1	8	32
9547.376	4.28E-08	6.29E-09	0.007	(20-,4)	9	2	7	10	2	8	32
		1.88E-08	0.005	(20-,4)	9	3	7	10	3	8	32
9548.293	1.46E-08	1.30E-08	-0.021	(20-,4)	4	3	1	5	5	0	32
9550.625	5.39E-08	3.46E-08	-0.021	(20-,4)	8	1	7	9	1	8	32
		1.15E-08	-0.022	(20-,4)	8	2	7	9	2	8	32
9552.017	2.54E-08	2.67E-08	-0.015	(20-,4)	4	2	2	5	4	1	32
9552.791	3.69E-08	1.54E-08	0.000	(20-,4)	9	4	6	10	4	7	32
		1.34E-08	-0.025	(40-,0)	11	3	9	12	5	8	32
		4.50E-09	-0.034	(40-,0)	11	2	9	12	4	8	32
9554.997	9.61E-08	1.99E-08	-0.006	(20-,4)	7	0	7	8	0	8	32
		5.99E-08	-0.006	(20-,4)	7	1	7	8	1	8	32
9556.907	3.85E-08	9.35E-09	0.000	(20-,4)	8	3	6	9	3	7	32
		2.81E-08	-0.005	(20-,4)	8	2	6	9	2	7	32
9557.750	1.81E-08	1.52E-08	-0.022	(20-,4)	8	0	8	8	2	7	32
		5.09E-09	-0.022	(20-,4)	8	1	8	8	1	7	32
9558.419	1.41E-08	1.32E-08	0.002	(40-,0)	11	4	8	12	6	7	32
9558.528	1.95E-08	4.99E-09	-0.019	(40-,0)	11	3	8	12	5	7	32
		7.54E-09	-0.025	(40-,0)	10	5	5	11	9	2	32
9559.578	2.00E-08	1.20E-08	-0.005	(20-,4)	8	3	5	9	3	6	32
9560.444	1.02E-08	9.95E-09	0.003	(20-,4)	7	4	3	8	4	4	32
9561.809	1.42E-08										
9561.988	5.45E-08	4.75E-08	-0.006	(20-,4)	7	2	6	8	2	7	32
		1.58E-08	-0.007	(20-,4)	7	1	6	8	1	7	32
9564.038	3.09E-08	4.85E-08	-0.001	(20-,4)	6	4	2	7	4	3	32
9564.390	7.40E-09	1.16E-08	-0.028	(40+,0)	11	4	7	12	7	6	32
		3.14E-09	-0.032	(40-,0)	11	5	7	12	7	6	32
9565.004	1.84E-08	7.03E-09	-0.008	(20-,4)	3	1	2	4	3	1	32
9565.753	4.44E-08	3.83E-08	-0.001	(20-,4)	7	3	5	8	3	6	32
		1.29E-08	-0.014	(20-,4)	7	2	5	8	2	6	32
9565.961	2.07E-08	2.07E-08	-0.004	(20-,4)	7	4	4	8	4	5	32
9567.233	9.81E-09	2.86E-09	0.003	(30+,2)	10	6	5	11	7	4	32
		4.13E-09	-0.036	(40+,0)	10	7	3	11	10	2	32
9567.437	1.43E-08	1.79E-08	-0.008	(20-,4)	7	5	3	8	5	4	32
9567.621	3.56E-08	4.02E-08	-0.016	(20-,4)	6	5	1	7	5	2	32
9568.278	1.07E-07	7.66E-08	-0.023	(20-,4)	6	0	6	7	0	7	32
		2.55E-08	-0.024	(20-,4)	6	1	6	7	1	7	32
9570.191	2.96E-08	4.06E-08	-0.003	(20-,4)	6	3	3	7	3	4	32
9571.968	1.83E-08	2.01E-08	-0.002	(20-,4)	7	6	2	8	6	3	32
9572.035	1.83E-08	6.29E-09	-0.023	(20-,4)	7	0	7	7	2	6	32
		1.88E-08	-0.024	(20-,4)	7	1	7	7	1	6	32
9572.622	7.84E-08	6.10E-08	-0.023	(20-,4)	6	1	5	7	1	6	32
		2.03E-08	-0.025	(20-,4)	6	2	5	7	2	6	32
9572.787	3.03E-08	1.98E-08	-0.025	(20-,4)	5	4	1	6	4	2	32
9573.835	6.21E-08	4.98E-08	-0.013	(20-,4)	6	2	4	7	2	5	32
9573.951	2.94E-08	1.97E-08	-0.016	(20-,4)	5	3	2	6	3	3	32
9574.601	1.76E-08										
9574.991	1.92E-08										
9575.149	1.91E-08	4.68E-09	-0.017	(20-,4)	9	1	8	9	3	7	32
		1.40E-08	-0.019	(20-,4)	9	2	8	9	2	7	32
9575.870	2.01E-08	1.04E-08	0.000	(20-,4)	6	5	2	7	5	3	32
		8.00E-09	-0.026	(30-,2)	7	1	7	8	3	6	32
9577.479	1.77E-08	4.11E-09	0.022	(40-,0)	11	5	6	12	7	5	32
9578.083	1.91E-08	9.79E-09	-0.026	(20-,4)	2	0	2	3	2	1	32
9580.455	3.02E-08	1.93E-08	0.003	(20-,4)	6	6	0	7	6	1	32

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9580.570	2.72E-08	1.81E-08	-0.017	(20-,4)	5	2	3	6	2	4	32
9580.641	4.52E-08	1.12E-08	0.003	(20-,4)	7	7	1	8	7	2	32
9580.875	1.47E-07	9.16E-08	0.003	(20-,4)	5	1	5	6	1	6	32
		3.05E-08	-0.004	(20-,4)	5	0	5	6	0	6	32
9581.254	6.46E-08	7.47E-08	0.001	(20-,4)	4	3	1	5	3	2	32
9581.999	5.21E-08	4.38E-08	0.000	(20-,4)	5	4	2	6	4	3	32
9582.100	4.80E-08	1.49E-08	0.000	(20-,4)	5	3	3	6	3	4	32
9582.526	4.40E-08	6.90E-09	-0.007	(40-,0)	10	2	9	11	4	8	32
		2.07E-08	-0.009	(40-,0)	10	1	9	11	3	8	32
9582.607	1.07E-07	2.43E-08	0.020	(20-,4)	5	1	4	6	1	5	32
		7.23E-08	0.004	(20-,4)	5	2	4	6	2	5	32
9583.692	3.17E-08	8.08E-09	0.000	(30+,2)	15	0	15	16	1	16	32
		2.69E-09	0.000	(30+,2)	15	1	15	16	0	16	32
9584.493	2.57E-08	1.84E-08	0.010	(20-,4)	2	1	1	3	3	0	32
9585.657	2.62E-08	2.23E-08	-0.011	(20-,4)	6	0	6	6	2	5	32
		7.43E-09	-0.020	(20-,4)	6	1	6	6	1	5	32
9586.024	5.92E-08	6.70E-08	-0.002	(20-,4)	4	2	2	5	2	3	32
9586.162	3.46E-08	2.81E-08	0.002	(20-,4)	5	5	1	6	5	2	32
9586.937	4.66E-08	4.37E-08	0.005	(20-,4)	4	4	0	5	4	1	32
9587.354	2.50E-08	1.88E-08	-0.009	(20-,4)	8	1	7	8	3	6	32
		6.28E-09	-0.019	(20-,4)	8	2	7	8	2	6	32
9588.080	2.44E-08	2.63E-08	-0.001	(40-,0)	10	2	8	11	4	7	32
9589.187	1.74E-08	1.07E-08	-0.003	(40-,0)	9	8	2	10	10	1	32
9589.377	1.36E-08	7.40E-09	0.000	(40-,0)	10	7	4	11	9	3	32
9590.469	2.31E-08	1.84E-08	-0.002	(20-,4)	4	3	2	5	3	3	32
9591.700	7.39E-08	7.76E-08	-0.001	(20-,4)	4	1	3	5	1	4	32
9591.822	2.99E-08	2.27E-08	-0.016	(20-,4)	4	2	3	5	2	4	32
9591.981	2.05E-08	1.28E-08	0.015	(20-,4)	4	4	1	5	4	2	32
9592.713	1.54E-07	2.68E-08	0.018	(20-,4)	3	2	1	4	2	2	32
		3.38E-08	0.000	(20-,4)	4	1	4	5	1	5	32
		1.01E-07	-0.005	(20-,4)	4	0	4	5	0	5	32
9593.849	2.32E-08	1.92E-08	-0.001	(20-,4)	3	3	0	4	3	1	32
9594.089	7.40E-09	6.83E-09	-0.001	(40+,0)	10	3	7	11	6	6	32
		3.32E-09	-0.003	(40-,0)	10	4	7	11	6	6	32
9594.591	2.22E-08	2.87E-08	0.007	(40-,0)	10	3	7	11	5	6	32
9594.685	1.83E-08	1.32E-08	0.003	(30+,2)	8	4	5	9	5	4	32
9595.809	1.21E-08										
9596.440	9.55E-09										
9597.519	1.15E-08										
9598.563	1.73E-08	8.44E-09	0.004	(20-,4)	5	0	5	5	2	4	32
		2.53E-08	-0.038	(20-,4)	5	1	5	5	1	4	32
9599.004	1.17E-08	2.41E-08	-0.008	(20-,4)	7	2	6	7	2	5	32
9599.519	2.62E-08	2.52E-08	-0.001	(20-,4)	3	1	2	4	1	3	32
9599.710	2.32E-08										
9599.819	1.32E-08	1.04E-08	0.004	(40-,0)	10	5	6	11	7	5	32
9600.219	4.11E-08	4.81E-08	0.000	(20-,4)	3	3	1	4	3	2	32
9601.356	5.46E-08	6.12E-08	0.002	(20-,4)	3	2	2	4	2	3	32
9601.684	1.69E-08	3.21E-09	0.000	(30-,2)	14	1	14	15	1	15	32
		9.64E-09	0.000	(30-,2)	14	0	14	15	0	15	32
9601.758	3.41E-08	5.96E-09	0.000	(30+,2)	14	0	14	15	1	15	32
		1.78E-08	0.000	(30+,2)	14	1	14	15	0	15	32
9602.736	1.19E-08										
9602.862	9.38E-09	4.73E-09	-0.001	(20-,4)	1	0	1	2	2	0	32
		3.46E-09	-0.023	(30-,2)	6	2	4	7	6	1	32
9603.830	1.15E-07	3.40E-08	0.005	(20-,4)	3	0	3	4	0	4	32
		1.01E-07	-0.005	(20-,4)	3	1	3	4	1	4	32
9603.984	5.26E-08	6.61E-08	-0.001	(20-,4)	2	2	0	3	2	1	32
9604.223	1.33E-08	3.65E-09	-0.022	(30-,2)	14	2	13	15	2	14	32
		1.09E-08	-0.022	(30-,2)	14	1	13	15	1	14	32
9604.333	1.35E-08										
9604.967	9.85E-09										
9605.241	1.58E-08										
9606.818	6.35E-08	2.52E-08	0.001	(30-,2)	7	3	5	8	5	4	32
		7.63E-08	-0.002	(20-,4)	2	1	1	3	1	2	32
9607.468	1.24E-08	1.48E-08	0.000	(30-,2)	8	6	2	9	8	1	32
9607.673	1.45E-08										
9608.585	9.54E-09	4.05E-09	0.025	(30-,2)	6	1	6	7	3	5	32
9608.639	7.40E-09	1.21E-08	0.031	(30-,2)	6	0	6	7	2	5	32

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9608.777	1.31E-08	2.52E-08	0.000	(40+,0)	9	6	3	10	9	2	32
9609.606	7.40E-09	4.38E-09	0.002	(30-,2)	6	3	3	7	7	0	32
9609.848	1.69E-08	2.94E-08	-0.002	(20-,4)	6	1	5	6	3	4	32
9610.042	1.60E-08										
9610.267	1.60E-08	1.89E-08	0.004	(40-,0)	10	7	3	11	9	2	32
9610.652	1.49E-08	2.77E-08	0.008	(20-,4)	4	0	4	4	2	3	32
9611.146	1.58E-08	1.84E-08	-0.003	(20-,4)	2	2	1	3	2	2	32
9611.475	1.34E-08	1.98E-08	0.009	(40-,0)	9	1	9	10	3	8	32
		6.61E-09	0.009	(40-,0)	9	0	9	10	2	8	32
9612.336	1.20E-08										
9613.228	1.55E-08	2.13E-08	0.006	(30+,2)	8	5	4	9	6	3	32
9613.443	1.19E-08	1.81E-08	0.000	(20-,4)	8	2	6	8	4	5	32
		1.14E-08	-0.013	(30+,2)	7	4	3	8	7	2	32
9614.057	6.34E-08	8.96E-08	0.004	(20-,4)	2	0	2	3	0	3	32
9614.287	2.50E-08	2.47E-08	0.007	(20-,4)	2	1	2	3	1	3	32
9614.560	9.85E-09										
9616.700	2.26E-08	1.74E-08	0.032	(30-,2)	7	4	4	8	6	3	32
9616.761	2.62E-08	8.57E-09	-0.018	(40+,0)	10	6	5	11	7	4	32
9616.913	2.56E-08	3.59E-09	0.000	(40+,0)	9	1	8	10	4	7	32
		3.65E-08	-0.005	(40-,0)	9	2	8	10	4	7	32
		1.22E-08	-0.014	(40-,0)	9	1	8	10	3	7	32
9617.312	2.48E-08	2.09E-08	0.007	(20-,4)	1	1	0	2	1	1	32
9617.562	2.12E-08	2.29E-08	0.004	(30-,2)	8	5	3	9	7	2	32
9617.776	1.71E-08	1.30E-08	-0.004	(30+,2)	7	3	4	8	6	3	32
9618.792	2.99E-08	2.21E-08	-0.015	(40-,0)	10	5	5	11	7	4	32
9619.134	3.00E-08										
9619.189	4.14E-08	1.77E-08	0.000	(30-,2)	13	1	13	14	1	14	32
		5.89E-09	0.000	(30-,2)	13	0	13	14	0	14	32
9619.257	7.07E-08	3.58E-08	0.000	(30+,2)	13	0	13	14	1	14	32
		1.19E-08	0.000	(30+,2)	13	1	13	14	0	14	32
9619.783	2.24E-08	1.12E-08	-0.007	(20-,4)	5	1	4	5	3	3	32
9620.237	1.21E-08	1.46E-08	-0.001	(40-,0)	8	3	5	9	7	2	32
9620.565	2.21E-08	9.69E-09	-0.001	(30-,2)	13	3	11	14	3	12	32
		3.23E-09	-0.001	(30-,2)	13	2	11	14	2	12	32
9620.677	3.26E-08	2.09E-08	0.002	(30-,2)	13	2	12	14	2	13	32
		6.99E-09	0.002	(30-,2)	13	1	12	14	1	13	32
9620.793	5.60E-08	7.40E-09	0.020	(20-,4)	10	3	7	10	5	6	32
		1.17E-08	0.000	(30+,2)	13	1	12	14	2	13	32
		3.89E-09	0.000	(30+,2)	13	2	12	14	1	13	32
9620.856	4.34E-08	3.41E-08	-0.006	(20-,4)	5	2	4	5	2	3	32
9621.047	1.60E-08	1.71E-08	0.002	(40+,0)	7	2	5	8	7	2	32
9621.611	1.40E-08	9.51E-09	0.006	(20-,4)	3	0	3	3	2	2	32
		4.42E-09	-0.013	(30-,2)	7	5	3	8	7	2	32
9621.809	3.34E-08	2.95E-08	-0.002	(40+,0)	10	7	4	11	8	3	32
9622.386	1.47E-08	7.94E-09	-0.001	(20-,4)	7	2	5	7	4	4	32
9622.924	3.97E-08	1.30E-08	0.011	(40+,0)	9	2	7	10	5	6	32
		3.91E-08	0.006	(40-,0)	9	3	7	10	5	6	32
		2.96E-08	-0.032	(20-,4)	3	1	3	3	1	2	32
9623.081	1.59E-08	1.70E-08	0.012	(40-,0)	9	2	7	10	4	6	32
9623.175	1.76E-08	2.37E-08	0.003	(20-,4)	7	3	5	7	3	4	32
9623.216	3.55E-08	2.31E-08	0.001	(20-,4)	1	0	1	2	0	2	32
9623.557	1.96E-08										
9624.483	2.01E-08	2.81E-08	-0.001	(30-,2)	6	1	5	7	3	4	32
9624.603	1.97E-08	9.32E-09	-0.019	(40+,0)	9	7	2	10	10	1	32
9624.859	6.05E-08	5.88E-08	0.012	(20-,4)	1	1	1	2	1	2	32
9625.152	1.65E-08										
9626.391	1.21E-08										
9627.092	1.09E-08										
9627.448	1.72E-08	2.72E-08	0.007	(40-,0)	8	4	4	9	8	1	32
9627.563	1.47E-08	3.05E-08	0.013	(11+,4)	9	7	2	10	8	3	32
9627.754	1.44E-08	8.16E-09	-0.004	(30+,2)	7	4	4	8	5	3	32
9627.953	2.70E-08	3.26E-08	0.002	(20-,4)	4	1	3	4	3	2	32
9628.098	2.39E-08	1.88E-08	0.007	(40-,0)	9	6	4	10	8	3	32
9628.539	1.06E-08										
9628.973	1.44E-08	1.37E-08	0.002	(40+,0)	9	8	1	10	9	2	32
9629.178	3.30E-08	5.88E-08	0.007	(40-,0)	9	4	6	10	6	5	32
9629.708	1.75E-08										
9629.959	1.86E-08	2.74E-08	0.000	(20-,4)	6	2	4	6	4	3	32

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9630.326	1.94E-08	2.18E-08	0.010	(20-,4)	2	0	2	2	2	1	32
9630.890	1.53E-08	1.90E-08	0.007	(40-,0)	9	3	6	10	5	5	32
		1.97E-08	0.001	(30-,2)	10	7	3	11	7	4	32
9631.166	1.04E-08										
9631.529	1.95E-08										
9631.766	1.34E-08	1.14E-08	0.000	(20-,4)	4	2	3	4	2	2	32
9631.942	1.26E-08	9.74E-09	-0.001	(30-,2)	7	5	2	8	7	1	32
9632.888	1.17E-08	9.30E-09	0.000	(20-,4)	6	3	4	6	3	3	32
9633.193	3.85E-08	6.38E-08	-0.002	(40-,0)	9	5	5	10	7	4	32
*9633.285	2.07E-08	1.21E-08	0.000	(30-,2)	12	3	9	13	3	10	32
*		4.06E-09	0.000	(30-,2)	12	4	9	13	4	10	32
9633.421	5.20E-08	4.74E-08	0.000	(20-,4)	0	0	0	1	0	1	32
9633.579	2.42E-08										
9633.933	3.12E-08	1.21E-08	0.003	(40+,0)	9	5	4	10	8	3	32
		2.79E-09	-0.019	(40+,0)	9	4	5	10	7	4	32
9634.600	1.72E-08	9.92E-09	-0.005	(20-,4)	2	1	2	2	1	1	32
9635.587	3.08E-08	7.18E-09	-0.004	(30-,2)	12	3	10	13	3	11	32
		2.15E-08	-0.004	(30-,2)	12	2	10	13	2	11	32
9635.779	2.19E-08	6.61E-09	0.000	(30+,2)	12	3	10	13	2	11	32
9636.098	5.50E-08	1.07E-08	-0.004	(30-,2)	12	1	12	13	1	13	32
		3.23E-08	-0.004	(30-,2)	12	0	12	13	0	13	32
9636.168	9.06E-08	2.20E-08	-0.006	(30+,2)	12	0	12	13	1	13	32
		6.60E-08	-0.006	(30+,2)	12	1	12	13	0	13	32
9636.295	2.39E-08										
9636.570	4.08E-08	1.23E-08	-0.005	(30-,2)	12	2	11	13	2	12	32
		3.70E-08	-0.005	(30-,2)	12	1	11	13	1	12	32
9636.679	3.65E-08	4.27E-09	0.000	(30+,2)	12	1	11	13	2	12	32
		1.28E-08	0.000	(30+,2)	12	2	11	13	1	12	32
9637.065	2.01E-08										
9637.252	1.56E-08										
9637.548	2.13E-08										
9638.270	1.46E-08										
9638.717	4.29E-08	1.76E-08	-0.020	(30+,2)	7	5	3	8	6	2	32
9639.837	3.17E-08										
9640.306	1.77E-08	2.08E-08	-0.005	(40-,0)	11	8	4	12	8	5	32
9640.614	1.89E-08	1.80E-08	-0.022	(30-,2)	5	1	5	6	3	4	32
9640.874	3.68E-08	6.03E-09	0.012	(30-,2)	5	0	5	6	2	4	32
9641.853	3.65E-08										
9641.992	3.61E-08	2.77E-08	-0.021	(30+,2)	6	3	4	7	4	3	32
9642.105	2.06E-08										
9642.252	2.16E-08	8.68E-09	-0.010	(30+,2)	6	3	3	7	6	2	32
9642.397	5.55E-08	4.55E-08	-0.007	(20-,4)	3	2	2	3	2	1	32
9642.564	2.97E-08	1.85E-08	-0.029	(40-,0)	13	6	8	14	6	9	32
9642.634	3.49E-08	1.15E-08	0.000	(40-,0)	11	8	3	12	8	4	32
		1.83E-08	-0.006	(30-,2)	11	5	7	12	5	8	32
9642.751	3.62E-08	1.70E-08	0.004	(40-,0)	12	8	4	13	8	5	32
9643.385	1.89E-08	1.78E-08	-0.004	(40-,0)	9	4	5	10	6	4	32
9643.499	2.95E-08	9.20E-09	-0.008	(20-,4)	5	3	3	5	3	2	32
9643.579	3.57E-08										
9643.768	7.66E-08	6.74E-08	0.000	(20-,4)	1	1	1	1	1	0	32
9644.339	3.00E-08										
9644.649	2.11E-08	2.03E-08	-0.013	(30-,2)	6	5	1	7	7	0	32
9644.995	4.92E-08	1.07E-08	0.003	(40-,0)	8	1	8	9	3	7	32
		3.23E-08	0.002	(40-,0)	8	0	8	9	2	7	32
9645.635	2.76E-08										
9646.178	2.47E-08										
9646.647	3.44E-08	1.51E-08	0.035	(20-,4)	7	4	4	7	4	3	32
		1.89E-08	-0.018	(40-,0)	9	6	3	10	8	2	32
9646.893	4.21E-08	9.13E-09	0.000	(30-,2)	11	3	8	12	3	9	32
		2.75E-08	-0.001	(30-,2)	11	4	8	12	4	9	32
		5.76E-09	-0.013	(30-,2)	7	4	3	8	6	2	32
9647.048	1.58E-08	1.20E-08	-0.003	(30+,2)	10	6	5	11	5	6	32
9647.408	2.62E-08										
9647.672	2.54E-08	1.11E-08	0.007	(30+,2)	10	8	3	11	9	2	32
9648.800	1.61E-08	1.70E-08	0.010	(40-,0)	8	6	3	9	8	2	32
9648.896	1.63E-08	1.58E-08	-0.005	(30-,2)	10	6	4	11	6	5	32
9649.171	3.77E-08	3.78E-08	-0.002	(20-,4)	2	2	1	2	2	0	32
9649.368	2.04E-08	1.99E-08	0.000	(30-,2)	9	7	2	10	7	3	32

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9649.529	1.71E-08												
9650.093	5.29E-08	4.28E-08	-0.004	(30-,2)	11	3	9	12	3	10	32		
		1.42E-08	-0.005	(30-,2)	11	2	9	12	2	10	32		
9650.223	3.06E-08	1.19E-08	-0.008	(30+,2)	11	2	9	12	3	10	32		
		3.97E-09	-0.008	(30+,2)	11	3	9	12	2	10	32		
9650.942	3.98E-08	2.02E-08	0.033	(40-,0)	8	2	7	9	4	6	32		
		5.70E-09	-0.007	(40+,0)	8	2	7	9	3	6	32		
		6.27E-08	-0.011	(40-,0)	8	1	7	9	3	6	32		
9651.725	1.81E-08	2.10E-08	-0.010	(30-,2)	12	0	12	12	2	11	32		
		7.02E-09	-0.010	(30-,2)	12	1	12	12	1	11	32		
9651.908	7.14E-08	6.27E-08	-0.006	(30-,2)	11	2	10	12	2	11	32		
		2.09E-08	-0.006	(30-,2)	11	1	10	12	1	11	32		
9652.013	5.83E-08	9.67E-09	-0.006	(30+,2)	11	2	10	12	1	11	32		
		2.90E-08	-0.006	(30+,2)	11	1	10	12	2	11	32		
9652.125	2.67E-08	4.62E-09	0.000	(40+,0)	16	1	15	17	2	16	32		
		1.38E-08	0.000	(40+,0)	16	2	15	17	1	16	32		
		3.14E-09	-0.026	(40-,0)	16	2	15	17	2	16	32		
		9.42E-09	-0.026	(40-,0)	16	1	15	17	1	16	32		
9652.202	2.83E-08	2.01E-08	-0.014	(20-,4)	4	3	2	4	3	1	32		
9652.333	2.71E-08												
9652.415	9.40E-08	1.15E-08	0.031	(40-,0)	15	3	13	16	3	14	32		
		5.76E-08	-0.005	(30-,2)	11	1	11	12	1	12	32		
		1.92E-08	-0.005	(30-,2)	11	0	11	12	0	12	32		
9652.489	1.21E-07	1.13E-07	0.000	(30+,2)	11	0	11	12	1	12	32		
		3.76E-08	0.000	(30+,2)	11	1	11	12	0	12	32		
9653.348	2.70E-08	2.45E-08	-0.007	(20-,4)	1	1	0	1	1	1	32		
9653.545	2.34E-08	6.41E-09	0.000	(40+,0)	17	1	17	18	0	18	32		
		1.92E-08	0.000	(40+,0)	17	0	17	18	1	18	32		
9654.066	3.39E-08	3.87E-08	0.001	(30-,2)	5	2	4	6	4	3	32		
		1.01E-08	-0.018	(30+,2)	5	3	2	6	6	1	32		
9654.169	1.59E-08	4.68E-09	-0.016	(30+,2)	5	1	4	6	4	3	32		
9654.778	1.16E-08	5.59E-09	0.003	(40+,0)	10	7	3	11	8	4	32		
9655.026	3.95E-08	4.57E-08	-0.002	(30-,2)	10	4	6	11	4	7	32		
9655.516	2.27E-08	2.23E-08	-0.001	(30-,2)	9	6	4	10	6	5	32		
9656.192	1.10E-07	6.21E-08	0.004	(30-,2)	6	4	2	7	6	1	32		
		1.20E-07	0.001	(20-,4)	2	2	0	2	2	1	32		
9656.369	1.38E-08												
9656.475	1.38E-08	3.94E-09	-0.002	(30-,2)	13	1	12	13	3	11	32		
		1.18E-08	-0.002	(30-,2)	13	2	12	13	2	11	32		
9656.795	9.66E-08	1.48E-07	0.001	(20-,4)	3	3	1	3	3	0	32		
9656.927	1.47E-08	1.32E-08	-0.011	(30-,2)	5	1	4	6	3	3	32		
9657.071	4.50E-08	6.72E-08	-0.007	(30+,2)	6	4	3	7	5	2	32		
9657.174	2.38E-08	3.75E-09	-0.019	(40+,0)	13	4	9	14	5	10	32		
		2.49E-08	-0.019	(40-,0)	13	5	9	14	5	10	32		
9657.338	2.66E-08	3.07E-08	0.005	(40-,0)	8	3	6	9	5	5	32		
		2.00E-08	-0.029	(40-,0)	8	7	1	9	9	0	32		
9657.892	2.20E-08	8.83E-09	0.000	(40+,0)	11	7	4	12	8	5	32		
9657.944	4.60E-08	9.20E-08	0.001	(40-,0)	8	2	6	9	4	5	32		
9658.113	1.24E-08	8.18E-09	-0.001	(30-,2)	10	10	0	11	10	1	32		
9658.291	1.55E-08	2.72E-09	0.026	(30-,2)	10	10	1	11	10	2	32		
		6.89E-09	0.004	(30+,2)	7	7	1	8	8	0	32		
9658.351	1.17E-08	1.05E-08	-0.014	(30+,2)	7	7	0	8	8	1	32		
9658.658	9.03E-09	6.38E-09	-0.030	(40-,0)	9	5	4	10	7	3	32		
9659.337	2.61E-08	3.25E-08	-0.002	(30+,2)	9	8	1	10	7	4	32		
9660.032	5.87E-08	1.87E-08	0.005	(30-,2)	10	4	7	11	4	8	32		
		5.45E-08	-0.004	(30-,2)	10	3	7	11	3	8	32		
9660.234	1.81E-08												
9660.457	1.51E-08	4.46E-09	-0.008	(30-,2)	10	0	10	11	0	11	34		
9660.540	1.90E-08	3.55E-09	0.037	(40+,0)	12	5	8	12	8	5	32		
		4.26E-09	0.029	(40-,0)	8	3	5	9	5	4	34		
		7.37E-09	0.000	(30+,2)	10	1	10	11	0	11	34		
9661.158	5.63E-08	5.17E-08	0.001	(20-,4)	3	3	0	3	3	1	32		
9661.220	3.67E-08	3.04E-08	-0.003	(30-,2)	5	3	3	6	5	2	32		
		1.74E-08	-0.011	(20-,4)	1	0	1	0	0	0	32		
9661.360	2.40E-08	3.56E-08	0.000	(40+,0)	12	6	7	13	5	8	32		
9662.004	4.24E-08	3.69E-08	0.000	(30+,2)	9	5	4	10	6	5	32		
		1.06E-08	-0.011	(40+,0)	8	5	3	9	8	2	32		
9662.299	2.18E-08	3.07E-08	0.000	(30-,2)	9	8	2	10	8	3	32		

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9662.541	2.30E-08	4.76E-08	-0.004	(40-,0)	11	7	5	12	7	6	32
9662.666	2.68E-08	2.95E-08	-0.004	(30+,2)	5	2	3	6	5	2	32
9662.706	2.57E-08	3.16E-08	0.004	(40-,0)	8	5	4	9	7	3	32
9662.936	6.96E-08	1.19E-07	-0.003	(30-,2)	8	6	2	9	6	3	32
9663.084	1.32E-08	3.13E-08	0.000	(40-,0)	8	4	5	9	6	4	32
9663.346	1.50E-08	2.71E-08	-0.015	(30-,2)	5	4	2	6	6	1	32
9663.580	3.35E-08	3.80E-08	0.002	(20-,4)	2	1	1	2	1	2	32
9663.925	8.24E-08	7.76E-08	-0.010	(30-,2)	10	2	8	11	2	9	32
		2.59E-08	-0.011	(30-,2)	10	3	8	11	3	9	32
9664.004	4.99E-08	6.52E-08	-0.024	(20-,4)	5	4	2	5	4	1	32
9664.201	2.54E-08	7.06E-09	-0.005	(30+,2)	10	2	8	11	3	9	32
		2.13E-08	-0.005	(30+,2)	10	3	8	11	2	9	32
9665.451	5.95E-08	1.01E-07	-0.001	(30-,2)	8	5	3	9	5	4	32
9666.269	4.73E-08	5.38E-08	0.000	(20-,4)	4	4	1	4	4	0	32
9666.322	4.34E-08	5.35E-08	0.002	(30-,2)	9	5	5	10	5	6	32
9666.683	1.12E-07	3.42E-08	-0.002	(30-,2)	10	2	9	11	2	10	32
		1.02E-07	-0.002	(30-,2)	10	1	9	11	1	10	32
9666.781	7.12E-08	1.84E-08	-0.006	(30+,2)	10	1	9	11	2	10	32
		5.54E-08	-0.006	(30+,2)	10	2	9	11	1	10	32
9667.073	1.53E-08	3.24E-08	-0.011	(40+,0)	7	5	2	8	8	1	32
9667.378	3.55E-08	3.14E-08	0.000	(30+,2)	9	4	5	10	5	6	32
		1.01E-08	-0.004	(30-,2)	9	4	5	10	4	6	32
9667.452	2.20E-08	3.84E-09	-0.005	(30+,2)	7	5	2	8	6	3	32
9667.617	3.66E-08	6.16E-08	-0.005	(40+,0)	8	7	2	9	8	1	32
9667.895	2.66E-08	4.53E-09	-0.003	(40+,0)	8	4	5	9	5	4	32
9668.148	1.70E-07	6.42E-08	0.015	(40-,0)	8	3	5	9	5	4	32
		3.29E-08	-0.005	(30-,2)	10	1	10	11	1	11	32
		9.89E-08	-0.005	(30-,2)	10	0	10	11	0	11	32
9668.222	1.79E-07	6.00E-08	0.000	(30+,2)	10	0	10	11	1	11	32
		1.80E-07	0.000	(30+,2)	10	1	10	11	0	11	32
9668.310	6.32E-08	4.53E-08	-0.006	(11+,4)	8	6	3	9	5	4	32
		1.18E-08	-0.010	(30-,2)	11	0	11	11	2	10	32
		3.54E-08	-0.010	(30-,2)	11	1	11	11	1	10	32
9668.475	1.10E-08	1.93E-08	-0.002	(40-,0)	11	6	5	12	6	6	32
9668.603	1.17E-07	1.66E-07	-0.005	(20-,4)	4	4	0	4	4	1	32
9669.530	1.87E-08	8.21E-09	0.005	(20-,4)	2	2	1	2	0	2	32
		5.43E-09	0.000	(30-,2)	9	3	7	10	3	8	34
9670.126	1.96E-08	1.92E-08	-0.002	(30-,2)	9	9	1	10	9	2	32
9670.517	6.74E-08	7.37E-08	0.000	(40-,0)	10	7	3	11	7	4	32
		9.12E-09	0.000	(40+,0)	15	2	14	16	1	15	32
		2.73E-08	0.000	(40+,0)	15	1	14	16	2	15	32
		1.99E-08	-0.005	(40-,0)	15	2	14	16	2	15	32
		6.64E-09	-0.010	(40-,0)	15	1	14	16	1	15	32
9670.654	2.49E-08	2.10E-08	-0.002	(20-,4)	2	1	2	1	1	1	32
9670.786	3.14E-08	6.54E-09	-0.020	(40+,0)	14	2	12	15	3	13	32
		8.29E-09	-0.020	(40-,0)	14	3	12	15	3	13	32
		1.96E-08	-0.020	(40+,0)	14	3	12	15	2	13	32
		2.48E-08	-0.020	(40-,0)	14	2	12	15	2	13	32
9671.006	5.98E-08	1.27E-08	0.000	(40+,0)	9	9	0	10	10	1	32
		7.13E-08	-0.018	(20-,4)	4	3	1	4	3	2	32
9671.280	5.40E-08	9.00E-08	-0.003	(30-,2)	8	7	1	9	7	2	32
9671.727	7.70E-08	8.65E-08	-0.004	(20-,4)	2	0	2	1	0	1	32
9671.802	5.15E-08	1.29E-08	0.000	(40+,0)	16	0	16	17	1	17	32
		3.88E-08	0.000	(40+,0)	16	1	16	17	0	17	32
9672.509	3.93E-08	2.38E-08	-0.001	(30-,2)	12	1	11	12	3	10	32
		7.93E-09	-0.001	(30-,2)	12	2	11	12	2	10	32
9672.584	5.45E-08	1.25E-08	0.002	(40+,0)	13	3	10	14	4	11	32
		3.48E-08	-0.011	(40-,0)	13	4	10	14	4	11	32
		1.16E-08	-0.012	(40-,0)	13	3	10	14	3	11	32
9672.723	8.71E-08	1.08E-07	-0.015	(30-,2)	9	4	6	10	4	7	32
9672.957	2.67E-08	2.65E-08	-0.001	(30-,2)	4	0	4	5	2	3	32
9673.103	4.07E-08	6.07E-09	-0.005	(30+,2)	9	3	6	10	4	7	32
9673.149	1.98E-08	6.66E-09	0.000	(30-,2)	9	2	8	10	2	9	34
9673.670	2.44E-08	2.12E-08	-0.004	(30+,2)	5	3	3	6	4	2	32
9673.806	3.49E-08	7.08E-08	-0.003	(40+,0)	10	9	2	11	8	3	32
9674.760	2.54E-08	2.41E-08	-0.001	(30+,2)	6	6	1	7	7	0	32
9675.011	3.00E-08	2.81E-08	0.000	(30+,2)	8	5	3	9	6	4	32
9675.085	1.71E-08	7.54E-09	-0.014	(30+,2)	6	6	0	7	7	1	32

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9675.583	2.38E-08	9.01E-09	-0.016	(30-,2)	5	2	3	6	4	2	32
9675.660	5.53E-08	7.21E-09	0.000	(30-,2)	9	1	9	10	1	10	34
		6.90E-09	0.000	(40+,0)	12	4	8	13	5	9	32
		1.20E-08	0.000	(40-,0)	12	5	8	13	5	9	32
		5.53E-08	-0.003	(40-,0)	12	4	8	13	4	9	32
9675.952	3.04E-08	2.41E-08	0.003	(30-,2)	8	7	2	9	7	3	32
		1.66E-08	-0.011	(30-,2)	8	5	4	9	5	5	32
9676.179	7.40E-09	1.05E-08	-0.016	(20-,4)	3	1	2	3	1	3	32
9676.361	2.73E-08	1.09E-08	-0.005	(30-,2)	13	3	11	13	3	10	32
		3.65E-09	-0.006	(30-,2)	13	2	11	13	4	10	32
		1.94E-08	-0.006	(40-,0)	10	7	4	11	7	5	32
9676.641	8.74E-08	1.00E-07	-0.003	(30+,2)	8	5	4	9	4	5	32
9676.841	1.83E-08	7.17E-09	0.000	(30+,2)	8	4	5	9	3	6	34
9677.137	4.56E-08	3.91E-09	0.019	(40-,0)	7	2	6	8	4	5	34
		2.46E-08	0.000	(20-,4)	5	4	1	5	4	2	32
9677.263	1.75E-07	1.33E-07	-0.001	(30-,2)	9	3	7	10	3	8	32
		4.22E-08	-0.003	(30-,2)	9	2	7	10	2	8	32
9677.364	1.80E-07	2.05E-08	0.013	(20-,4)	6	5	2	6	5	1	32
		1.49E-07	-0.002	(20-,4)	5	5	1	5	5	0	32
9678.082	5.46E-08	4.56E-09	0.004	(40+,0)	7	0	7	8	3	6	32
		5.06E-08	0.003	(40-,0)	7	1	7	8	3	6	32
		1.68E-08	-0.005	(40-,0)	7	0	7	8	2	6	32
9678.222	5.90E-08	6.89E-08	0.001	(30-,2)	7	5	2	8	5	3	32
9678.352	4.02E-08	2.59E-08	0.005	(20-,4)	3	2	2	3	0	3	32
9678.496	6.29E-08	5.04E-08	0.000	(20-,4)	5	5	0	5	5	1	32
9678.728	2.98E-08	3.36E-08	-0.011	(30-,2)	5	3	2	6	5	1	32
9678.945	2.79E-08	2.91E-08	0.000	(30+,2)	8	4	4	9	5	5	32
9679.128	2.23E-08	2.40E-08	-0.002	(20-,4)	3	3	1	3	1	2	32
9679.274	4.68E-08	7.36E-08	-0.002	(40-,0)	11	6	6	12	6	7	32
9679.507	4.87E-08	5.26E-08	-0.008	(30-,2)	8	4	4	9	4	5	32
9679.720	1.02E-07	1.22E-07	0.005	(20-,4)	3	1	3	2	1	2	32
9679.971	7.06E-08	2.51E-08	0.001	(40-,0)	11	5	6	12	5	7	32
		3.56E-08	-0.006	(30+,2)	8	6	3	9	5	4	32
		4.14E-08	-0.011	(20-,4)	3	0	3	2	0	2	32
9680.118	7.62E-08	7.09E-08	-0.008	(40+,0)	8	5	4	9	6	3	32
9680.271	4.28E-08	3.96E-08	-0.011	(40+,0)	10	7	4	11	6	5	32
9680.674	1.17E-07	1.24E-07	0.003	(40+,0)	8	6	3	9	7	2	32
9680.881	2.17E-07	1.61E-07	-0.007	(30-,2)	9	2	8	10	2	9	32
		5.38E-08	-0.008	(30-,2)	9	1	8	10	1	9	32
9680.971	1.50E-07	4.08E-08	0.020	(20-,4)	4	2	2	4	2	3	32
		9.31E-08	-0.007	(30+,2)	9	1	8	10	2	9	32
		3.11E-08	-0.007	(30+,2)	9	2	8	10	1	9	32
9681.343	2.07E-08										
9681.515	4.37E-08	5.26E-08	-0.004	(30-,2)	8	8	0	9	8	1	32
9681.896	3.19E-08	4.71E-08	-0.003	(40+,0)	10	8	3	11	9	2	32
9682.063	2.20E-08	1.25E-08	0.021	(30-,2)	4	2	3	5	4	2	32
9682.108	2.20E-08	1.75E-08	0.007	(30-,2)	8	8	1	9	8	2	32
9682.286	2.20E-08	1.33E-08	0.000	(40+,0)	10	9	1	11	8	4	32
9682.500	8.26E-08	7.86E-08	0.000	(20-,4)	2	1	1	1	1	0	32
9682.911	4.20E-08	5.62E-08	-0.001	(40-,0)	8	4	4	9	6	3	32
9683.195	3.67E-08	3.74E-08	-0.002	(30+,2)	7	4	3	8	5	4	32
9683.288	2.74E-07	5.40E-08	-0.005	(30-,2)	9	0	9	10	0	10	32
		1.62E-07	-0.005	(30-,2)	9	1	9	10	1	10	32
9683.360	2.66E-07	8.93E-08	0.000	(30+,2)	9	1	9	10	0	10	32
		2.68E-07	0.000	(30+,2)	9	0	9	10	1	10	32
9684.329	6.02E-08	5.65E-08	0.000	(30-,2)	10	0	10	10	2	9	32
		1.88E-08	0.000	(30-,2)	10	1	10	10	1	9	32
9684.436	1.01E-07	3.82E-08	-0.002	(30-,2)	8	4	5	9	4	6	32
9684.485	1.05E-07	8.53E-08	0.002	(40-,0)	7	2	6	8	4	5	32
		2.77E-08	-0.002	(40+,0)	7	1	6	8	4	5	32
9684.567	1.49E-07	1.55E-07	-0.004	(30+,2)	8	4	5	9	3	6	32
9684.675	4.37E-08	3.56E-08	0.009	(40-,0)	7	1	6	8	3	5	32
9684.765	5.58E-08	3.52E-08	-0.007	(30-,2)	8	3	5	9	3	6	32
9684.806	3.30E-08	2.45E-08	0.000	(30+,2)	8	3	5	9	4	6	32
9685.362	7.68E-08	6.61E-08	-0.004	(30+,2)	7	5	3	8	4	4	32
		1.06E-08	-0.011	(30-,2)	4	3	2	5	5	1	32
9685.507	7.86E-08	6.73E-08	-0.002	(20-,4)	6	5	1	6	5	2	32
9686.089	3.05E-08	1.33E-08	-0.001	(20-,4)	5	3	2	5	3	3	32

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9686.227	8.13E-08	9.52E-08	0.003	(40-,0)	7	5	3	8	7	2	32
9686.469	4.03E-08	1.98E-08	-0.011	(40-,0)	16	0	16	16	2	15	32
		6.61E-09	-0.011	(40-,0)	16	1	16	16	1	15	32
9686.720	2.40E-08	1.14E-08	-0.004	(20-,4)	4	3	2	4	1	3	32
9687.633	1.73E-07	1.52E-07	-0.004	(20-,4)	4	0	4	3	0	3	32
9687.694	8.03E-08	1.84E-08	0.000	(40-,0)	16	1	15	16	3	14	32
9687.734	7.30E-08	1.49E-08	0.000	(30-,2)	6	4	2	7	4	3	34
		3.21E-08	-0.006	(20-,4)	4	1	3	4	1	4	32
9687.928	2.21E-08	9.47E-09	-0.003	(20-,4)	4	2	3	4	0	4	32
9688.007	5.47E-08	1.44E-08	0.001	(30-,2)	11	1	10	11	3	9	32
		4.33E-08	0.001	(30-,2)	11	2	10	11	2	9	32
9688.390	9.78E-08	1.70E-08	-0.003	(40+,0)	14	1	13	15	2	14	32
		5.11E-08	-0.003	(40+,0)	14	2	13	15	1	14	32
		1.34E-08	-0.017	(40-,0)	14	2	13	15	2	14	32
		4.02E-08	-0.017	(40-,0)	14	1	13	15	1	14	32
9688.779	8.01E-08	1.16E-08	0.000	(40+,0)	13	3	11	14	2	12	32
		3.48E-08	0.000	(40+,0)	13	2	11	14	3	12	32
		1.68E-08	-0.009	(40-,0)	13	2	11	14	2	12	32
		5.06E-08	-0.009	(40-,0)	13	3	11	14	3	12	32
9689.415	6.62E-08	4.91E-08	-0.002	(30-,2)	4	1	3	5	3	2	32
9689.582	1.11E-07	2.48E-08	0.000	(40+,0)	15	1	15	16	0	16	32
		7.45E-08	0.000	(40+,0)	15	0	15	16	1	16	32
		3.59E-08	-0.020	(40-,0)	15	1	15	16	1	16	32
		1.20E-08	-0.020	(40-,0)	15	0	15	16	0	16	32
9689.681	4.54E-08	4.61E-08	0.007	(40+,0)	9	6	3	10	7	4	32
9689.783	3.85E-08	1.49E-08	0.004	(40-,0)	7	6	1	8	8	0	32
		2.53E-08	-0.015	(30+,2)	4	2	3	5	3	2	32
9690.028	1.77E-07	1.60E-07	0.002	(30-,2)	7	6	2	8	6	3	32
9690.130	2.51E-07	6.73E-08	0.004	(30-,2)	8	3	6	9	3	7	32
		2.14E-07	-0.005	(30-,2)	8	2	6	9	2	7	32
9690.224	1.06E-07	1.92E-08	-0.009	(30+,2)	8	2	6	9	3	7	32
		4.49E-08	-0.009	(30+,2)	8	3	6	9	2	7	32
9690.526	1.35E-07	3.64E-08	0.017	(40-,0)	10	10	0	11	10	1	32
		1.20E-07	-0.003	(20-,4)	6	6	0	6	6	1	32
9690.615	9.53E-08	1.77E-08	0.000	(40+,0)	12	4	9	13	3	10	32
		2.33E-08	0.000	(40-,0)	12	4	9	13	4	10	32
		7.26E-08	-0.005	(40-,0)	12	3	9	13	3	10	32
9690.785	5.71E-08	7.37E-08	-0.001	(40+,0)	7	2	5	8	5	4	32
9690.996	1.41E-07	1.58E-07	-0.001	(40-,0)	7	3	5	8	5	4	32
9691.265	7.49E-08	9.69E-08	0.004	(40-,0)	10	6	4	11	6	5	32
9691.353	1.10E-07	9.29E-08	-0.011	(30-,2)	7	5	3	8	5	4	32
9691.522	4.27E-08	3.49E-08	-0.017	(40-,0)	6	3	3	7	7	0	32
9691.778	6.40E-08	5.32E-09	0.034	(30-,2)	4	2	2	5	4	1	34
		5.01E-08	0.002	(20-,4)	7	6	2	7	6	1	32
9691.908	5.80E-08	1.55E-08	0.009	(30+,2)	5	5	1	6	6	0	32
		3.49E-08	0.001	(20-,4)	6	4	2	6	4	3	32
9692.646	5.50E-08	4.19E-08	-0.003	(30+,2)	5	5	0	6	6	1	32
9692.975	1.19E-07	6.83E-08	0.013	(40-,0)	7	2	5	8	4	4	32
9693.350	5.58E-08	3.78E-08	-0.002	(30-,2)	7	7	0	8	7	1	32
9693.577	9.23E-08	5.76E-08	0.001	(30-,2)	4	3	1	5	5	0	32
9693.671	1.45E-07	2.44E-08	0.039	(30+,2)	8	7	2	9	6	3	32
		9.34E-08	-0.004	(40+,0)	11	4	7	12	5	8	32
		1.41E-08	-0.007	(40-,0)	11	5	7	12	5	8	32
9693.712	5.14E-08	3.38E-08	0.000	(40+,0)	11	5	7	12	4	8	32
9693.808	1.61E-07	1.09E-07	0.005	(40+,0)	7	4	3	8	7	2	32
9694.064	1.96E-07	6.68E-08	0.005	(20-,4)	8	3	5	9	1	8	32
9694.249	2.12E-07	1.56E-07	0.010	(40-,0)	7	4	4	8	6	3	32
9694.307	2.81E-07	2.37E-08	0.005	(30-,2)	8	2	7	9	2	8	32
		2.08E-07	0.005	(30-,2)	8	1	7	9	1	8	32
9694.582	1.58E-07	5.61E-08	0.011	(30-,2)	7	7	1	8	7	2	32
		6.36E-08	-0.029	(20-,4)	3	2	2	2	2	1	32
9694.637	3.38E-07	6.36E-08	0.027	(20-,4)	3	2	2	2	2	1	32
		1.65E-07	-0.003	(20-,4)	5	1	5	4	1	4	32
		5.50E-08	-0.014	(20-,4)	5	0	5	4	0	4	32
9695.054	2.48E-07	8.52E-08	-0.003	(30+,2)	8	2	7	9	1	8	32
		4.99E-08	-0.003	(30+,2)	8	1	7	9	2	8	32
9695.250	2.14E-07	8.76E-08	0.005	(30-,2)	7	4	4	8	4	5	32
9695.301	1.12E-07	2.64E-08	0.001	(40+,0)	7	3	4	8	6	3	32

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9695.475	1.58E-07	6.91E-08	0.005	(30+,2)	7	4	4	8	3	5	32
9695.609	6.03E-07	3.59E-07	0.003	(30-,2)	6	4	2	7	4	3	32
9695.936	4.17E-07	2.90E-07	0.001	(30-,2)	6	5	1	7	5	2	32
9696.107	7.78E-08	4.27E-08	-0.005	(40-,0)	10	6	5	11	6	6	32
9696.364	3.43E-07	1.81E-07	0.006	(30+,2)	7	3	4	8	4	5	32
9696.528	1.13E-07	2.61E-08	0.027	(30-,2)	7	3	4	8	3	5	32
		3.59E-08	0.008	(20-,4)	3	1	2	2	1	1	32
9696.590	5.11E-08	6.69E-09	-0.010	(40+,0)	10	6	5	11	5	6	32
9697.030	5.45E-08	9.29E-09	0.000	(20-,4)	5	3	3	5	1	4	32
9697.527	5.84E-08	2.81E-08	-0.003	(40+,0)	8	8	1	9	9	0	32
9697.837	8.11E-07	8.39E-08	0.001	(30-,2)	8	1	8	9	1	9	32
		2.51E-07	0.001	(30-,2)	8	0	8	9	0	9	32
9697.906	7.16E-07	3.71E-07	0.000	(30+,2)	8	1	8	9	0	9	32
		1.23E-07	0.000	(30+,2)	8	0	8	9	1	9	32
9698.056	1.06E-07	2.86E-08	0.035	(20-,4)	5	4	2	5	2	3	32
		6.80E-08	0.000	(40-,0)	10	9	1	11	7	4	32
9698.380	1.30E-07	5.69E-08	0.000	(40+,0)	9	8	2	10	7	3	32
9698.630	2.12E-07	1.41E-07	0.003	(40-,0)	10	5	5	11	5	6	32
9698.902	6.67E-08	4.00E-09	0.000	(40-,0)	12	2	10	13	2	11	34
9699.109	1.21E-07	5.62E-08	0.002	(40-,0)	9	6	3	10	6	4	32
9699.476	2.27E-07	1.25E-07	0.005	(30-,2)	4	2	2	5	4	1	32
9699.759	1.66E-07	2.85E-08	0.008	(30-,2)	9	0	9	9	2	8	32
		8.55E-08	0.008	(30-,2)	9	1	9	9	1	8	32
9700.928	2.90E-07	1.63E-07	0.000	(20-,4)	6	0	6	5	0	5	32
		5.44E-08	0.000	(20-,4)	6	1	6	5	1	5	32
9701.665	8.51E-08	3.40E-08	0.013	(30-,2)	3	1	3	4	3	2	32
9702.248	4.59E-07	2.41E-07	0.004	(30-,2)	7	3	5	8	3	6	32
		4.58E-08	-0.018	(40-,0)	7	5	2	8	7	1	32
9702.315	2.88E-07	1.24E-07	0.007	(30-,2)	7	2	5	8	2	6	32
9702.410	2.28E-07	1.36E-07	0.003	(30+,2)	7	2	5	8	3	6	32
9702.964	1.83E-07	2.93E-08	0.037	(20-,4)	6	3	3	6	3	4	32
		7.29E-08	0.005	(30-,2)	10	1	9	10	3	8	32
		2.43E-08	0.005	(30-,2)	10	2	9	10	2	8	32
9704.025	8.76E-08	1.64E-08	0.003	(30-,2)	7	1	7	8	1	8	34
		5.46E-09	0.003	(30-,2)	7	0	7	8	0	8	34
9704.070	1.45E-07	1.93E-08	0.000	(30+,2)	7	0	7	8	1	8	34
		6.44E-09	0.000	(30+,2)	7	1	7	8	0	8	34
		8.41E-08	-0.003	(20-,4)	7	7	1	7	7	0	32
9704.174	8.48E-08	2.05E-08	0.012	(30-,2)	6	4	3	7	4	4	32
		4.46E-08	0.009	(30+,2)	4	3	2	5	4	1	32
9704.311	4.99E-08	2.81E-08	0.000	(20-,4)	7	7	0	7	7	1	32
9704.484	5.44E-08	1.27E-08	0.010	(40-,0)	15	0	15	15	2	14	32
		3.81E-08	0.010	(40-,0)	15	1	15	15	1	14	32
9704.663	4.41E-08	3.13E-08	0.000	(20-,4)	3	2	1	2	2	0	32
9704.844	1.30E-07	9.17E-08	0.000	(30-,2)	6	5	2	7	5	3	32
9704.958	3.87E-07	3.33E-07	0.002	(30+,2)	6	4	3	7	3	4	32
9705.226	2.08E-07	1.94E-07	0.000	(30-,2)	6	6	0	7	6	1	32
9705.287	8.66E-08	2.51E-08	-0.002	(40+,0)	7	4	4	8	5	3	32
		1.21E-08	-0.009	(30-,2)	3	0	3	4	2	2	32
9705.487	3.65E-08	2.24E-08	0.000	(30+,2)	3	1	2	4	4	1	32
9705.713	6.78E-08	3.38E-08	0.003	(20-,4)	4	2	3	3	2	2	32
9705.792	2.05E-07	9.07E-08	-0.003	(40+,0)	13	1	12	14	2	13	32
		3.02E-08	-0.003	(40+,0)	13	2	12	14	1	13	32
		7.75E-08	-0.009	(40-,0)	13	2	12	14	2	13	32
		2.58E-08	-0.009	(40-,0)	13	1	12	14	1	13	32
9706.002	3.65E-08	1.86E-08	0.000	(30+,2)	6	3	4	7	2	5	34
9706.081	8.88E-08	1.36E-08	0.005	(30-,2)	11	2	9	11	4	8	32
		4.09E-08	0.004	(30-,2)	11	3	9	11	3	8	32
9706.133	5.84E-08	3.68E-08	0.005	(40-,0)	15	2	14	15	2	13	32
		1.22E-08	0.000	(40-,0)	15	1	14	15	3	13	32
9706.278	2.06E-07	5.87E-08	0.006	(40+,0)	12	3	10	13	2	11	32
		1.96E-08	0.006	(40+,0)	12	2	10	13	3	11	32
		3.25E-08	0.000	(40-,0)	12	3	10	13	3	11	32
		9.77E-08	-0.001	(40-,0)	12	2	10	13	2	11	32
9706.360	4.38E-08	3.52E-08	0.002	(40-,0)	7	3	4	8	5	3	32
9706.471	1.98E-07	1.49E-07	0.006	(20-,4)	7	1	7	6	1	6	32
		4.97E-08	0.006	(20-,4)	7	0	7	6	0	6	32
9706.861	3.43E-07	4.50E-08	0.000	(40+,0)	14	0	14	15	1	15	32

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		1.35E-07	0.000	(40+,0)	14	1	14	15	0	15	32
		1.23E-07	-0.001	(20-,4)	4	1	3	3	1	2	32
		6.93E-08	-0.016	(40-,0)	14	0	14	15	0	15	32
9706.984	4.67E-08										
9707.050	4.70E-08	2.97E-08	-0.002	(20-,4)	6	1	5	6	1	6	32
		9.91E-09	-0.005	(20-,4)	6	2	5	6	0	6	32
9707.210	5.17E-08	2.98E-08	0.008	(30-,2)	3	2	2	4	4	1	32
9707.325	7.53E-08	6.39E-08	0.001	(30-,2)	6	6	1	7	6	2	32
9707.450	1.46E-08	2.11E-08	-0.003	(20-,4)	8	6	2	8	6	3	32
9707.570	5.65E-07	1.18E-07	0.003	(30-,2)	7	1	6	8	1	7	32
		3.50E-07	0.001	(30-,2)	7	2	6	8	2	7	32
9707.657	3.22E-07	6.15E-08	-0.002	(30+,2)	7	2	6	8	1	7	32
		1.90E-07	-0.004	(30+,2)	7	1	6	8	2	7	32
9707.720	8.76E-08	3.64E-08	-0.003	(20-,4)	6	2	4	6	2	5	32
9707.935	1.37E-07	1.04E-07	-0.002	(30+,2)	6	3	3	7	4	4	32
9708.177	2.25E-07	2.79E-08	0.013	(40-,0)	15	3	13	15	3	12	32
		5.36E-08	0.011	(40+,0)	11	3	8	12	4	9	32
		5.00E-08	0.006	(40-,0)	11	3	8	12	3	9	32
		1.11E-07	0.001	(40-,0)	11	4	8	12	4	9	32
9708.758	1.27E-07	8.09E-08	0.003	(30-,2)	6	3	3	7	3	4	32
9709.017	1.00E-07	1.13E-07	-0.004	(40+,0)	9	7	2	10	8	3	32
9709.145	4.08E-08	4.20E-09	0.000	(30-,2)	5	5	0	6	5	1	34
9709.463	1.21E-07	7.86E-08	-0.007	(30+,2)	4	4	1	5	5	0	32
		3.71E-08	0.000	(20-,4)	8	7	1	8	7	2	32
9709.865	9.51E-08	8.56E-08	-0.002	(40+,0)	9	8	1	10	7	4	32
9710.493	1.98E-07	1.67E-07	-0.001	(30-,2)	5	4	1	6	4	2	32
9710.559	8.68E-08	6.98E-08	0.000	(11+,4)	9	7	2	10	6	5	32
9710.676	3.65E-08										
9710.733	7.30E-08	2.31E-08	0.007	(40-,0)	6	1	6	7	3	5	32
9710.771	9.06E-08	9.02E-09	-0.001	(40+,0)	6	1	6	7	2	5	32
		7.63E-08	-0.001	(40-,0)	6	0	6	7	2	5	32
9711.097	1.73E-07	2.16E-08	0.016	(30+,2)	4	4	0	5	5	1	32
		5.00E-08	0.012	(30+,2)	6	5	2	7	4	3	32
		9.73E-08	-0.003	(40-,0)	9	6	4	10	6	5	32
		6.47E-08	-0.023	(40-,0)	10	5	6	11	5	7	32
9711.302	1.88E-07	4.22E-08	0.006	(20-,4)	8	1	8	7	1	7	32
		1.26E-07	0.006	(20-,4)	8	0	8	7	0	7	32
9711.326	1.88E-07	1.95E-07	-0.008	(40-,0)	10	4	6	11	4	7	32
9711.500	8.82E-08	7.82E-08	0.006	(40+,0)	7	5	3	8	6	2	32
9711.783	5.99E-07	3.75E-07	-0.003	(30-,2)	7	1	7	8	1	8	32
		1.24E-07	-0.003	(30-,2)	7	0	7	8	0	8	32
9711.853	5.07E-07	4.69E-07	0.000	(30+,2)	7	0	7	8	1	8	32
		1.56E-07	0.000	(30+,2)	7	1	7	8	0	8	32
9712.225	5.24E-08	2.10E-08	0.000	(30-,2)	6	1	5	7	1	6	34
		6.27E-09	0.000	(30-,2)	6	2	5	7	2	6	34
9712.305	3.71E-08	8.81E-09	0.000	(30+,2)	6	2	5	7	1	6	34
		3.68E-09	0.000	(30+,2)	6	1	5	7	2	6	34
9712.592	4.57E-08										
9712.692	4.64E-08	1.88E-08	0.000	(30-,2)	5	4	2	6	4	3	34
		5.95E-09	-0.031	(20-,4)	6	5	2	6	3	3	32
9713.687	1.21E-07	5.75E-08	0.001	(30-,2)	6	3	4	7	3	5	32
9713.766	4.28E-07	4.38E-07	-0.004	(30+,2)	6	3	4	7	2	5	32
9714.058	2.40E-07	1.09E-07	0.004	(30+,2)	6	2	4	7	3	5	32
		6.88E-08	-0.003	(30-,2)	6	2	4	7	2	5	32
9714.105	2.08E-07	1.72E-07	-0.007	(30-,2)	5	3	2	6	3	3	32
9714.295	6.80E-08	8.48E-08	-0.004	(40-,0)	9	9	1	10	9	2	32
9714.583	1.59E-07	1.23E-07	-0.005	(30-,2)	8	0	8	8	2	7	32
		4.10E-08	-0.005	(30-,2)	8	1	8	8	1	7	32
9715.255	5.11E-08	1.69E-08	0.000	(40+,0)	8	7	2	9	6	3	34
9715.317	1.23E-07	1.00E-07	0.000	(20-,4)	9	1	9	8	1	8	32
		3.35E-08	0.000	(20-,4)	9	0	9	8	0	8	32
9715.524	4.60E-08	8.86E-09	0.004	(20-,4)	7	1	6	7	1	7	32
		2.66E-08	0.004	(20-,4)	7	2	6	7	0	7	32
9715.789	1.40E-07	1.33E-07	0.002	(20-,4)	5	2	4	4	2	3	32
9715.936	5.84E-08	4.65E-08	-0.001	(40-,0)	10	8	2	11	8	3	32
9716.048	7.11E-08	4.53E-08	0.006	(20-,4)	5	1	4	4	1	3	32
9716.938	9.70E-08	5.03E-08	-0.002	(40+,0)	9	5	4	10	6	5	32
9717.239	1.31E-07	1.04E-07	0.004	(30-,2)	5	5	0	6	5	1	32

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9717.329	9.49E-08	2.21E-08	-0.002	(30-,2)	6	0	6	7	0	7	34
		7.35E-09	-0.002	(30-,2)	6	1	6	7	1	7	34
9717.374	1.69E-07	3.83E-08	0.003	(30-,2)	9	1	8	9	3	7	32
		1.15E-07	0.002	(30-,2)	9	2	8	9	2	7	32
		2.32E-08	0.000	(30+,2)	6	1	6	7	0	7	34
9717.519	1.00E-07	5.72E-08	0.012	(40-,0)	6	2	5	7	4	4	32
		2.86E-08	-0.020	(30-,2)	3	2	1	4	4	0	32
9718.311	1.78E-07	1.63E-07	0.005	(40-,0)	6	1	5	7	3	4	32
9718.474	7.47E-08	3.57E-08	0.010	(30-,2)	3	1	2	4	3	1	32
9718.600	1.14E-07	2.87E-08	0.027	(30-,2)	4	3	1	5	3	2	34
		7.39E-08	0.000	(40-,0)	9	5	4	10	5	5	32
9718.714	1.02E-07	3.34E-08	0.013	(20-,4)	7	3	5	7	1	6	32
		1.10E-08	0.011	(20-,4)	7	2	5	7	2	6	32
		7.74E-08	0.000	(20-,4)	10	0	10	9	0	9	32
		2.58E-08	0.000	(20-,4)	10	1	10	9	1	9	32
9719.258	5.57E-08	4.78E-08	0.003	(40-,0)	9	8	1	10	6	4	32
9719.529	8.78E-08	2.24E-08	0.006	(20-,4)	4	3	2	3	3	1	32
		1.77E-08	0.000	(20-,4)	8	8	1	8	8	0	32
		2.26E-08	-0.005	(40-,0)	6	5	2	7	7	1	32
9719.587	5.84E-08	5.39E-08	0.000	(20-,4)	8	8	0	8	8	1	32
9720.016	6.44E-07	1.47E-07	0.012	(30-,2)	6	2	5	7	2	6	32
		5.04E-07	0.003	(30-,2)	6	1	5	7	1	6	32
9720.091	3.15E-07	7.16E-08	0.025	(30-,2)	10	2	8	10	4	7	32
		2.03E-07	0.001	(30+,2)	6	2	5	7	1	6	32
		8.83E-08	0.001	(30+,2)	6	1	5	7	2	6	32
9720.513	8.76E-08	5.33E-08	-0.002	(40-,0)	6	4	3	7	6	2	32
9720.576	4.17E-07	4.48E-07	0.005	(30-,2)	5	4	2	6	4	3	32
9720.764	2.75E-07	3.03E-07	0.005	(30-,2)	5	5	1	6	5	2	32
9721.341	6.27E-08	5.54E-08	0.000	(20-,4)	11	1	11	10	1	10	32
		1.84E-08	0.000	(20-,4)	11	0	11	10	0	10	32
9722.004	2.07E-07	6.99E-08	0.008	(40-,0)	14	0	14	14	2	13	32
		2.33E-08	0.008	(40-,0)	14	1	14	14	1	13	32
		1.28E-07	0.002	(20-,4)	4	2	2	3	2	1	32
9722.149	1.15E-07	8.99E-08	0.001	(40-,0)	6	5	1	7	7	0	32
9722.308	5.84E-08	9.22E-09	-0.019	(40-,0)	9	3	7	9	5	4	32
9722.624	6.78E-08	3.58E-08	0.001	(30-,2)	11	4	8	11	4	7	32
9722.705	3.06E-07	5.06E-08	0.000	(40+,0)	12	1	11	13	2	12	32
		1.52E-07	0.000	(40+,0)	12	2	11	13	1	12	32
		1.42E-07	-0.002	(40-,0)	12	1	11	13	1	12	32
		4.76E-08	-0.002	(40-,0)	12	2	11	13	2	12	32
9722.949	9.21E-08	7.13E-08	0.012	(40-,0)	6	3	4	7	5	3	32
9723.097	3.86E-07	4.05E-07	0.005	(40+,0)	8	7	2	9	6	3	32
9723.293	3.06E-07	9.92E-08	0.007	(40+,0)	11	2	9	12	3	10	32
		3.24E-08	0.007	(40+,0)	11	3	9	12	2	10	32
		5.85E-08	0.000	(40-,0)	11	2	9	12	2	10	32
		1.74E-07	-0.001	(40-,0)	11	3	9	12	3	10	32
9723.652	3.60E-07	7.73E-08	0.000	(40+,0)	13	1	13	14	0	14	32
		2.32E-07	0.000	(40+,0)	13	0	13	14	1	14	32
		4.28E-08	-0.008	(40-,0)	13	0	13	14	0	14	32
		1.28E-07	-0.008	(40-,0)	13	1	13	14	1	14	32
		4.33E-08	-0.015	(40-,0)	8	6	3	9	6	4	32
9723.969	1.56E-07	8.83E-08	0.007	(30-,2)	5	3	3	6	3	4	32
		5.47E-08	-0.035	(40+,0)	7	7	0	8	8	1	32
9724.107	1.08E-07	2.33E-08	0.007	(40-,0)	14	2	13	14	2	12	32
		6.99E-08	0.007	(40-,0)	14	1	13	14	3	12	32
9724.193	2.35E-07	1.84E-07	0.007	(30+,2)	5	3	3	6	2	4	32
		3.01E-08	-0.026	(40+,0)	6	3	3	7	6	2	32
9724.735	7.30E-08	4.47E-08	0.000	(20-,4)	6	2	5	5	2	4	32
9724.783	1.37E-07	1.34E-07	0.004	(20-,4)	6	1	5	5	1	4	32
9725.120	8.02E-07	1.70E-07	0.007	(30-,2)	6	1	6	7	1	7	32
		5.13E-07	0.005	(30-,2)	6	0	6	7	0	7	32
9725.192	6.51E-07	1.86E-07	0.000	(30+,2)	6	0	6	7	1	7	32
		5.59E-07	0.000	(30+,2)	6	1	6	7	0	7	32
9725.260	3.64E-07	7.98E-08	0.011	(40+,0)	10	3	7	11	4	8	32
		2.86E-07	0.004	(40-,0)	10	3	7	11	3	8	32
9725.417	4.96E-07	5.25E-07	0.008	(30+,2)	5	2	3	6	3	4	32
9725.622	7.54E-08	2.58E-08	0.008	(30-,2)	5	2	3	6	2	4	32
9725.682	7.30E-08	2.90E-08	0.008	(30-,2)	4	2	2	5	2	3	34

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9726.521	5.99E-07	6.82E-07	0.006	(30-,2)	4	3	1	5	3	2	32
9727.048	4.81E-08	6.16E-09	0.022	(30-,2)	4	4	1	5	4	2	34
9727.328	5.73E-08	3.75E-08	0.000	(30+,2)	3	3	1	4	4	0	32
9727.599	1.01E-07	9.23E-08	-0.001	(20-,4)	4	3	1	3	3	0	32
9727.728	2.77E-07	3.05E-07	0.006	(40-,0)	9	5	5	10	5	6	32
9728.495	7.30E-08	2.12E-08	0.016	(40+,0)	9	4	5	10	5	6	32
9728.585	3.52E-07	3.18E-07	0.020	(40+,0)	8	6	3	9	5	4	32
9728.657	1.38E-07	1.07E-07	0.001	(40-,0)	9	4	5	10	4	6	32
9728.775	3.65E-08	2.42E-08	0.004	(30+,2)	7	7	0	8	6	3	32
9728.845	2.30E-07	2.65E-08	0.014	(20-,4)	8	2	6	8	2	7	32
		5.57E-08	0.003	(30-,2)	7	0	7	7	2	6	32
		1.67E-07	0.003	(30-,2)	7	1	7	7	1	6	32
9729.074	1.16E-07	6.48E-08	0.006	(40+,0)	6	3	4	7	4	3	32
9729.294	2.67E-07	2.90E-07	0.002	(40-,0)	8	7	1	9	7	2	32
9729.393	1.77E-07	1.76E-07	0.009	(40-,0)	6	2	4	7	4	3	32
9729.597	7.01E-08	3.98E-08	0.007	(40-,0)	14	3	11	14	5	10	32
		1.32E-08	0.006	(40-,0)	14	4	11	14	4	10	32
9729.763	4.05E-07	4.45E-07	0.005	(30-,2)	4	4	0	5	4	1	32
9730.036	8.25E-08	9.47E-09	0.000	(30-,2)	5	0	5	6	0	6	34
		2.78E-08	0.000	(30-,2)	5	1	5	6	1	6	34
9730.113	6.55E-08	2.55E-08	0.000	(30+,2)	5	0	5	6	1	6	34
		8.31E-09	0.000	(30+,2)	5	1	5	6	0	6	34
9730.462	1.01E-07	8.84E-08	0.000	(30+,2)	3	3	0	4	4	1	32
9731.024	1.61E-07	1.57E-07	0.005	(30-,2)	8	1	7	8	3	6	32
		3.48E-08	-0.003	(30-,2)	8	2	7	8	2	6	32
9731.831	6.22E-07	3.90E-07	0.002	(30-,2)	5	2	4	6	2	5	32
		2.77E-07	-0.028	(30-,2)	5	1	4	6	1	5	32
9731.951	4.49E-07	4.61E-07	0.002	(30+,2)	5	1	4	6	2	5	32
9732.311	5.30E-08										
9732.419	4.32E-08	6.46E-09	0.016	(40+,0)	10	3	8	11	2	9	34
		1.27E-08	0.008	(40-,0)	10	2	8	11	2	9	34
		4.05E-09	0.007	(40-,0)	10	3	8	11	3	9	34
9732.550	5.10E-08	9.60E-09	0.009	(40-,0)	12	0	12	13	0	13	34
		5.35E-09	0.000	(40+,0)	12	0	12	13	1	13	34
		1.60E-08	0.000	(40+,0)	12	1	12	13	0	13	34
9732.897	1.33E-07	1.22E-07	0.010	(20-,4)	7	2	6	6	2	5	32
		4.07E-08	0.002	(20-,4)	7	1	6	6	1	5	32
9733.279	9.08E-08	2.82E-08	-0.001	(20-,4)	5	3	3	4	3	2	32
		8.42E-09	-0.036	(30+,2)	5	5	1	6	4	2	32
9733.465	5.91E-07	6.94E-07	0.000	(30-,2)	4	2	2	5	2	3	32
9733.629	1.35E-07	1.17E-07	0.001	(30-,2)	9	3	7	9	3	6	32
9733.806	3.65E-08	2.89E-08	0.000	(40-,0)	9	7	2	10	7	3	32
9733.879	5.11E-08	1.22E-08	0.000	(40-,0)	8	5	3	9	5	4	34
9734.232	1.01E-07	7.91E-08	0.008	(40+,0)	8	6	2	9	7	3	32
9734.399	4.71E-08	2.00E-08	-0.001	(40-,0)	9	4	6	10	4	7	34
9734.667	4.38E-08	9.19E-09	0.002	(30-,2)	6	0	6	6	2	5	34
9734.961	1.61E-07	1.45E-07	0.002	(30-,2)	4	4	1	5	4	2	32
9735.128	9.49E-08	3.76E-08	0.000	(30+,2)	4	2	3	5	1	4	34
9735.186	3.34E-07	3.93E-08	0.017	(20-,4)	5	2	3	4	2	2	32
		2.97E-07	0.001	(40-,0)	6	4	2	7	6	1	32
9735.450	3.65E-08	4.76E-09	0.001	(40-,0)	5	1	5	6	3	4	34
		1.10E-08	0.000	(30+,2)	4	1	3	5	2	4	34
9735.900	9.70E-08	8.28E-09	0.012	(20-,4)	3	3	1	2	1	2	32
		6.54E-08	0.004	(30-,2)	10	3	7	10	5	6	32
9736.039	3.65E-08	2.17E-08	-0.005	(30-,2)	10	4	7	10	4	6	32
9736.125	3.65E-08	6.35E-09	0.032	(30-,2)	5	2	4	5	4	1	32
		1.12E-08	0.002	(30-,2)	3	2	1	4	2	2	34
9736.245	1.03E-07	5.53E-08	-0.007	(30-,2)	2	0	2	3	2	1	32
9736.472	2.23E-08	1.56E-08	-0.002	(30-,2)	7	4	4	7	6	1	32
9736.656	2.10E-08	2.75E-08	-0.002	(30+,2)	2	1	2	3	2	1	32
9736.890	9.14E-08	7.01E-08	-0.003	(40+,0)	8	5	3	9	6	4	32
9736.987	1.62E-07	1.90E-07	0.000	(40-,0)	8	8	0	9	8	1	32
9737.085	2.49E-07	2.19E-07	0.000	(30-,2)	4	3	2	5	3	3	32
9737.488	9.16E-08	4.95E-08	-0.001	(40+,0)	7	5	2	8	6	3	32
9737.575	6.49E-08	6.21E-08	-0.003	(40-,0)	8	8	1	9	8	2	32
9737.838	8.74E-07	2.21E-07	0.002	(30-,2)	5	0	5	6	0	6	32
		6.52E-07	0.000	(30-,2)	5	1	5	6	1	6	32
9737.909	6.19E-07	1.99E-07	0.000	(30+,2)	5	1	5	6	0	6	32

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9738.160	5.96E-08	6.10E-07	0.000	(30+,2)	5	0	5	6	1	6	32
9738.202	2.92E-08	3.08E-08	0.000	(30+,2)	4	3	2	5	2	3	32
		7.05E-09	-0.006	(20-,4)	9	2	7	9	2	8	32
		2.11E-08	-0.008	(20-,4)	9	3	7	9	1	8	32
9738.431	4.51E-08	3.01E-08	0.006	(30-,2)	11	5	7	11	5	6	32
9738.804	4.71E-08	7.50E-09	0.001	(30-,2)	8	2	6	8	4	5	34
		1.93E-08	0.000	(40-,0)	8	4	4	9	4	5	34
9739.035	2.21E-07	4.06E-08	0.002	(40-,0)	13	0	13	13	2	12	32
		1.22E-07	0.002	(40-,0)	13	1	13	13	1	12	32
9739.102	6.85E-07	3.15E-07	0.019	(40+,0)	6	4	3	7	5	2	32
		2.50E-07	-0.023	(40-,0)	11	2	10	12	2	11	32
		8.34E-08	-0.023	(40-,0)	11	1	10	12	1	11	32
		8.06E-08	-0.036	(40+,0)	11	2	10	12	1	11	32
		2.42E-07	-0.036	(40+,0)	11	1	10	12	2	11	32
9739.809	5.51E-07	1.35E-07	0.002	(40+,0)	10	3	8	11	2	9	32
		5.41E-08	0.002	(40+,0)	10	2	8	11	3	9	32
		3.18E-07	-0.002	(40-,0)	10	2	8	11	2	9	32
		9.74E-08	-0.004	(40-,0)	10	3	8	11	3	9	32
9739.931	6.15E-07	3.75E-07	0.000	(40+,0)	12	1	12	13	0	13	32
		1.25E-07	0.000	(40+,0)	12	0	12	13	1	13	32
		7.62E-08	-0.017	(40-,0)	12	1	12	13	1	13	32
		2.28E-07	-0.017	(40-,0)	12	0	12	13	0	13	32
9740.309	1.87E-07	3.43E-08	0.000	(20-,4)	8	2	7	7	2	6	32
		1.03E-07	0.000	(20-,4)	8	1	7	7	1	6	32
		1.10E-07	-0.011	(30-,2)	2	1	1	3	3	0	32
9740.866	1.20E-07	8.00E-08	-0.005	(40+,0)	5	3	2	6	6	1	32
9741.604	1.85E-07	1.26E-07	0.001	(40-,0)	13	2	12	13	2	11	32
		4.21E-08	0.001	(40-,0)	13	1	12	13	3	11	32
9741.804	6.32E-07	2.80E-07	0.020	(40-,0)	8	5	3	9	5	4	32
		4.74E-07	-0.003	(40-,0)	9	4	6	10	4	7	32
9741.863	2.19E-07	1.58E-07	-0.001	(40-,0)	9	3	6	10	3	7	32
9742.130	1.27E-07	3.64E-08	0.000	(30-,2)	4	0	4	5	0	5	34
		1.01E-08	0.000	(30-,2)	4	1	4	5	1	5	34
9742.192	9.76E-08	2.40E-08	0.001	(30-,2)	3	3	1	4	3	2	34
		9.16E-09	0.000	(30+,2)	4	0	4	5	1	5	34
		2.14E-08	0.000	(30+,2)	4	1	4	5	0	5	34
9742.484	3.35E-07	2.17E-07	0.002	(30-,2)	6	0	6	6	2	5	32
		7.23E-08	-0.004	(30-,2)	6	1	6	6	1	5	32
9742.816	1.60E-07	1.10E-07	0.004	(40-,0)	6	3	3	7	5	2	32
9742.900	5.11E-07	4.52E-08	0.017	(30-,2)	4	2	3	5	2	4	32
		1.11E-07	0.005	(40-,0)	5	1	5	6	3	4	32
9742.942	9.97E-07	1.28E-07	0.009	(40-,0)	8	5	4	9	5	5	32
		9.00E-07	0.004	(30-,2)	4	1	3	5	1	4	32
9743.127	4.38E-08	3.81E-08	0.004	(40-,0)	5	0	5	6	2	4	32
9743.292	3.69E-07	2.65E-07	0.000	(30+,2)	4	1	3	5	2	4	32
9743.320	1.46E-07	3.54E-08	0.000	(30+,2)	4	2	3	5	1	4	32
9743.393	2.71E-07	1.93E-07	0.000	(30-,2)	3	3	0	4	3	1	32
9743.554	2.50E-07	1.49E-07	0.004	(40+,0)	8	5	4	9	4	5	32
9744.008	3.78E-07	2.67E-07	0.003	(30-,2)	3	2	1	4	2	2	32
9744.543	1.46E-07	7.92E-08	0.004	(30-,2)	7	1	6	7	3	5	32
9744.588	3.83E-07	2.38E-07	0.002	(30-,2)	7	2	6	7	2	5	32
		3.43E-08	0.000	(40-,0)	13	2	11	13	4	10	32
		1.02E-07	0.000	(40-,0)	13	3	11	13	3	10	32
9745.010	7.05E-08	3.49E-08	0.000	(20-,4)	6	3	4	5	3	3	32
9745.292	1.54E-07	1.25E-07	0.001	(30+,2)	2	2	1	3	3	0	32
9745.719	1.14E-07	6.10E-08	0.015	(20-,4)	5	4	2	4	4	1	32
		4.30E-08	0.001	(40+,0)	8	4	4	9	5	5	32
9745.985	1.39E-07	1.18E-07	0.003	(20-,4)	6	2	4	5	2	3	32
9746.337	5.35E-07	4.47E-07	0.002	(40-,0)	8	4	4	9	4	5	32
9746.587	9.76E-08	3.75E-08	0.000	(30-,2)	3	2	2	4	2	3	34
9746.666	2.36E-07	1.73E-07	0.000	(30-,2)	8	2	6	8	4	5	32
9746.835	9.59E-08	5.95E-08	-0.009	(30-,2)	8	3	6	8	3	5	32
9747.086	1.01E-07	8.14E-08	0.000	(20-,4)	9	2	8	8	2	7	32
		2.71E-08	0.000	(20-,4)	9	1	8	8	1	7	32
9747.623	8.28E-08	1.55E-08	0.000	(40+,0)	10	2	9	11	1	10	34
		1.76E-08	-0.007	(40-,0)	10	1	9	11	1	10	34
9747.835	6.36E-08	4.48E-08	0.001	(20-,4)	5	3	2	4	3	1	32
9748.094	1.25E-07	2.55E-08	0.000	(40-,0)	13	3	10	13	5	9	32

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9748.304	8.27E-08	7.67E-08	-0.001	(40-,0)	13	4	10	13	4	9	32
		8.17E-09	0.000	(40+,0)	11	1	11	12	0	12	34
		2.45E-08	0.000	(40+,0)	11	0	11	12	1	12	34
		1.64E-08	-0.021	(40-,0)	11	1	11	12	1	12	34
9748.418	8.65E-08	1.32E-08	0.000	(40+,0)	9	2	7	10	3	8	34
		1.72E-08	-0.004	(40-,0)	9	3	7	10	3	8	34
		7.90E-09	-0.006	(40-,0)	9	2	7	10	2	8	34
9748.547	3.95E-07	2.66E-07	0.003	(40-,0)	7	5	2	8	5	3	32
9749.101	1.15E-07	8.60E-08	0.000	(40-,0)	9	7	3	10	7	4	32
9749.340	1.79E-07	9.84E-08	-0.003	(30-,2)	9	4	6	9	4	5	32
9749.471	3.15E-07	2.47E-07	0.002	(40-,0)	5	2	4	6	4	3	32
9749.528	1.21E-07	3.15E-08	0.001	(40+,0)	5	1	4	6	4	3	32
9749.718	1.70E-07	1.72E-08	0.005	(30+,2)	9	3	6	9	4	5	32
		1.06E-07	0.001	(40-,0)	5	4	2	6	6	1	32
9749.783	1.36E-07	5.45E-08	0.002	(40+,0)	6	5	2	7	6	1	32
9749.893	3.21E-07	1.09E-07	0.003	(40+,0)	6	6	1	7	7	0	32
9749.956	1.34E-06	2.41E-07	0.002	(30-,2)	4	1	4	5	1	5	32
		8.46E-07	-0.002	(30-,2)	4	0	4	5	0	5	32
9750.031	1.00E-06	2.15E-07	0.000	(30+,2)	4	0	4	5	1	5	32
		5.24E-07	0.000	(30+,2)	4	1	4	5	0	5	32
9750.074	8.83E-07	5.68E-07	-0.010	(30-,2)	3	3	1	4	3	2	32
9750.156	1.46E-07	3.31E-08	0.002	(40+,0)	6	6	0	7	7	1	32
9750.255	7.84E-08	5.43E-08	0.002	(30-,2)	10	4	6	10	6	5	32
9750.450	5.11E-08	1.12E-08	0.015	(40+,0)	11	7	4	11	10	1	32
9750.632	1.03E-07	2.77E-08	0.032	(30-,2)	2	2	0	3	2	1	34
		3.54E-08	-0.025	(30+,2)	2	2	0	3	3	1	32
9751.219	8.97E-08	2.08E-08	0.000	(40-,0)	7	6	2	8	6	3	34
9751.382	3.26E-07	2.24E-07	0.000	(40-,0)	5	3	3	6	5	2	32
9751.499	3.39E-07	2.13E-07	-0.006	(40-,0)	7	6	1	8	6	2	32
9751.623	2.29E-07	1.59E-07	0.001	(40-,0)	8	6	2	9	6	3	32
9751.894	5.84E-08	4.27E-09	0.000	(40+,0)	11	0	11	12	1	12	33
		3.28E-09	-0.010	(40-,0)	11	1	11	12	1	12	33
9752.261	9.97E-08	5.40E-08	0.000	(40-,0)	13	5	9	13	5	8	32
9752.395	1.24E-07	7.04E-08	0.002	(40-,0)	5	1	4	6	3	3	32
		1.42E-08	-0.036	(30-,2)	5	3	3	5	5	0	32
9752.788	2.51E-07	1.17E-07	-0.005	(40+,0)	5	2	3	6	5	2	32
9752.973	5.45E-07	3.02E-07	0.001	(30-,2)	3	1	2	4	1	3	32
9753.597	7.48E-08	1.68E-08	0.003	(30-,2)	3	1	3	4	1	4	34
		1.79E-08	0.000	(30-,2)	3	0	3	4	0	4	34
9753.694	7.16E-08	3.98E-08	0.000	(30+,2)	3	0	3	4	1	4	34
		1.37E-08	-0.013	(20-,4)	10	3	7	10	3	8	32
9754.189	9.04E-08	5.57E-08	-0.004	(40-,0)	5	4	1	6	6	0	32
9754.307	5.84E-08	2.16E-08	0.000	(30-,2)	11	6	6	11	6	5	32
9754.444	1.21E-06	8.94E-07	0.000	(30-,2)	3	2	2	4	2	3	32
9754.787	7.57E-08	3.51E-08	0.000	(30-,2)	2	1	1	3	1	2	34
9755.040	1.21E-06	1.19E-07	-0.005	(40+,0)	10	1	9	11	2	10	32
		3.59E-07	-0.006	(40+,0)	10	2	9	11	1	10	32
		1.41E-07	-0.014	(40-,0)	10	2	9	11	2	10	32
		4.23E-07	-0.015	(40-,0)	10	1	9	11	1	10	32
9755.514	1.46E-07	8.88E-08	-0.001	(30-,2)	5	0	5	5	2	4	32
9755.563	5.56E-07	2.66E-07	-0.002	(30-,2)	5	1	5	5	1	4	32
		2.02E-07	-0.018	(40-,0)	12	0	12	12	2	11	32
		6.76E-08	-0.018	(40-,0)	12	1	12	12	1	11	32
9755.743	9.84E-07	1.91E-07	0.010	(40+,0)	11	1	11	12	0	12	32
		5.75E-07	0.010	(40+,0)	11	0	11	12	1	12	32
		1.30E-07	-0.003	(40-,0)	11	0	11	12	0	12	32
		3.90E-07	-0.003	(40-,0)	11	1	11	12	1	12	32
9755.850	8.83E-07	3.67E-07	0.004	(40+,0)	9	2	7	10	3	8	32
		2.03E-07	0.002	(40-,0)	9	2	7	10	2	8	32
		3.52E-07	-0.001	(40-,0)	9	3	7	10	3	8	32
9755.904	1.46E-07	1.04E-07	-0.002	(20-,4)	7	3	5	6	3	4	32
9755.959	4.26E-07	2.97E-07	-0.006	(40-,0)	7	5	3	8	5	4	32
9756.139	6.72E-08	3.53E-08	0.001	(20-,4)	7	2	5	6	2	4	32
9756.602	9.41E-08	7.08E-08	0.003	(40-,0)	9	8	2	10	6	5	32
9756.901	5.11E-08	2.93E-08	0.000	(20-,4)	4	4	0	3	2	1	32
9757.206	2.92E-07	3.10E-07	-0.011	(30-,2)	6	1	5	6	3	4	32
9757.430	1.09E-07	1.05E-07	-0.009	(30-,2)	6	2	5	6	2	4	32
9757.508	5.11E-08	5.62E-09	0.000	(40+,0)	13	5	8	13	6	7	32

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		3.37E-08	0.000	(40-,0)	13	6	8	13	6	7	32
9757.779	1.29E-07	9.16E-09	-0.007	(40+,0)	8	4	5	9	3	6	32
9757.818	1.85E-07	2.39E-07	-0.004	(40-,0)	8	4	5	9	4	6	32
9758.018	6.20E-07	6.99E-07	-0.003	(40-,0)	8	3	5	9	3	6	32
9758.118	2.30E-07	1.83E-07	-0.006	(40+,0)	7	5	3	8	4	4	32
9758.200	7.51E-08	3.70E-08	-0.003	(11+,4)	8	6	3	9	3	6	32
9758.340	5.08E-08	9.52E-09	0.000	(30-,2)	2	2	1	3	2	2	34
9758.540	6.42E-07	6.56E-07	-0.004	(30-,2)	2	2	0	3	2	1	32
9758.632	2.62E-07	4.22E-08	0.000	(20-,4)	11	2	10	10	2	9	32
		2.17E-07	-0.009	(40-,0)	12	1	11	12	3	10	32
		7.25E-08	-0.009	(40-,0)	12	2	11	12	2	10	32
9758.828	4.50E-07	5.00E-07	-0.009	(40-,0)	7	6	2	8	6	3	32
9758.904	8.64E-08	6.37E-08	-0.025	(30-,2)	7	2	5	7	4	4	32
9758.974	3.65E-08	2.44E-08	0.000	(30+,2)	7	3	5	7	4	4	32
9759.174	1.30E-07	1.30E-07	-0.003	(40-,0)	7	7	0	8	7	1	32
9759.649	2.49E-07	2.65E-07	-0.012	(30-,2)	7	3	5	7	3	4	32
9760.342	3.50E-07	4.02E-08	0.007	(30+,2)	8	4	5	8	5	4	32
		3.79E-07	-0.002	(40-,0)	7	7	1	8	7	2	32
9760.522	1.51E-07	1.39E-07	-0.015	(30-,2)	8	3	5	8	5	4	32
9761.442	9.84E-07	4.46E-07	0.000	(30-,2)	3	1	3	4	1	4	32
		4.09E-07	-0.017	(30-,2)	3	0	3	4	0	4	32
9761.534	8.80E-07	8.99E-07	0.000	(30+,2)	3	0	3	4	1	4	32
9761.728	6.12E-08	3.16E-08	0.006	(30-,2)	1	0	1	2	2	0	32
		3.04E-08	-0.018	(30-,2)	9	4	5	9	6	4	32
9762.144	1.95E-07	1.82E-07	-0.004	(40-,0)	12	2	10	12	4	9	32
		6.09E-08	-0.004	(40-,0)	12	3	10	12	3	9	32
9762.390	6.62E-08	6.00E-08	-0.013	(30-,2)	8	4	5	8	4	4	32
9762.653	8.30E-07	8.35E-07	-0.003	(30-,2)	2	1	1	3	1	2	32
9763.025	8.07E-08	7.15E-09	0.001	(40+,0)	9	2	8	10	1	9	34
		2.16E-08	0.001	(40+,0)	9	1	8	10	2	9	34
		9.55E-09	-0.002	(40-,0)	9	1	8	10	1	9	34
		2.84E-08	-0.002	(40-,0)	9	2	8	10	2	9	34
9763.418	5.33E-08	2.98E-08	-0.001	(30+,2)	1	1	1	2	2	0	32
9763.540	3.58E-07	4.06E-07	-0.003	(40+,0)	7	4	3	8	5	4	32
9763.826	1.41E-07	1.56E-08	0.016	(40+,0)	8	4	5	8	7	2	32
		1.00E-07	-0.002	(40+,0)	5	3	3	6	4	2	32
9763.927	8.13E-08	1.30E-08	0.004	(40-,0)	8	3	6	9	3	7	34
		4.23E-08	-0.008	(40-,0)	8	2	6	9	2	7	34
9764.336	1.23E-07	3.72E-08	0.025	(30-,2)	7	7	1	8	5	4	32
		1.19E-07	0.003	(20-,4)	6	3	3	5	3	2	32
		4.87E-08	0.000	(30-,2)	2	0	2	3	0	3	34
9765.246	5.39E-08	6.09E-08	-0.006	(40-,0)	5	2	3	6	4	2	32
9765.399	3.65E-08	2.03E-08	0.000	(40-,0)	13	7	7	13	7	6	32
		3.46E-08	-0.002	(40-,0)	7	4	4	8	4	5	34
9765.567	1.60E-07	1.73E-07	0.002	(40-,0)	5	3	2	6	5	1	32
9765.727	1.80E-07	1.46E-07	0.001	(40-,0)	7	4	3	8	4	4	32
		1.04E-07	-0.002	(30-,2)	9	5	5	9	5	4	32
9765.852	5.70E-08	8.70E-08	0.005	(20-,4)	8	2	6	7	2	5	32
9766.189	1.82E-07	1.39E-07	0.005	(40-,0)	12	3	9	12	5	8	32
		4.66E-08	0.000	(40-,0)	12	4	9	12	4	8	32
9766.223	2.15E-07	2.25E-07	-0.003	(30-,2)	2	2	1	3	2	2	32
9766.637	5.02E-08	1.90E-08	-0.005	(30+,2)	7	7	1	8	4	4	32
9766.999	6.00E-08	5.55E-08	-0.007	(40-,0)	6	4	2	7	4	3	34
9767.537	3.27E-08	7.55E-09	0.003	(40+,0)	10	9	2	10	10	1	32
9767.884	2.45E-07	3.04E-07	0.001	(30-,2)	4	0	4	4	2	3	32
9768.157	1.02E-07	1.04E-07	0.000	(30-,2)	4	1	4	4	1	3	32
9768.469	5.92E-08	3.90E-08	-0.002	(40+,0)	6	4	2	7	5	3	32
9768.559	6.06E-08	4.10E-08	0.005	(30-,2)	10	6	4	10	8	3	32
9769.062	7.89E-08	8.77E-08	0.001	(30-,2)	5	1	4	5	3	3	32
9769.142	5.23E-08	4.62E-08	0.000	(30+,2)	5	2	4	5	3	3	32
9769.458	8.18E-08	8.02E-08	0.004	(40+,0)	8	8	1	9	7	2	32
9769.888	1.45E-07	1.27E-08	0.023	(30+,2)	8	6	3	9	3	6	32
		6.61E-08	0.006	(30+,2)	6	3	4	6	4	3	32
		8.80E-08	-0.001	(40+,0)	7	6	2	8	5	3	32
9770.084	3.33E-07	4.04E-07	-0.004	(30-,2)	5	2	4	5	2	3	32
9770.172	2.64E-07	2.92E-07	0.000	(30-,2)	6	2	4	6	4	3	32
9770.487	1.58E-06	5.05E-07	0.005	(40+,0)	9	1	8	10	2	9	32
		1.65E-07	0.005	(40+,0)	9	2	8	10	1	9	32

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		6.78E-07	0.001	(40-,0)	9	2	8	10	2	9	32
		2.29E-07	0.000	(40-,0)	9	1	8	10	1	9	32
9770.829	1.57E-07	6.37E-08	0.014	(40-,0)	12	4	8	12	6	7	32
		3.95E-08	0.011	(40+,0)	12	5	8	12	6	7	32
		7.98E-08	0.000	(30-,2)	7	3	4	7	5	3	32
9770.921	1.70E-07	1.57E-07	0.005	(30-,2)	8	4	4	8	6	3	32
9771.031	1.66E-06	8.27E-07	0.000	(40+,0)	10	1	10	11	0	11	32
		2.76E-07	0.000	(40+,0)	10	0	10	11	1	11	32
		6.38E-07	-0.012	(40-,0)	10	0	10	11	0	11	32
		2.12E-07	-0.012	(40-,0)	10	1	10	11	1	11	32
9771.219	1.16E-07	1.17E-07	0.003	(30+,2)	1	1	0	2	2	1	32
9771.294	3.65E-08										
9771.387	1.66E-06	3.54E-07	0.001	(40-,0)	8	3	6	9	3	7	32
		1.02E-06	-0.004	(40-,0)	8	2	6	9	2	7	32
9771.649	3.23E-07	1.07E-07	0.003	(40-,0)	11	0	11	11	2	10	32
		3.20E-07	0.003	(40-,0)	11	1	11	11	1	10	32
9772.194	1.38E-06	1.15E-06	-0.002	(30-,2)	2	0	2	3	0	3	32
9772.298	8.37E-08	4.79E-08	0.007	(40+,0)	8	7	1	9	6	4	32
9772.539	3.80E-07	3.81E-07	0.001	(30-,2)	2	1	2	3	1	3	32
9772.692	1.65E-07	1.17E-07	-0.001	(30-,2)	6	3	4	6	3	3	32
		3.15E-08	-0.029	(40-,0)	6	6	0	7	6	1	34
9772.819	6.20E-07	7.89E-07	0.003	(40-,0)	7	4	4	8	4	5	32
9772.996	1.35E-07	1.04E-07	-0.004	(40+,0)	7	4	4	8	3	5	32
9773.422	1.22E-06	1.25E-06	0.000	(40-,0)	6	5	1	7	5	2	32
9773.872	2.95E-07	2.98E-07	-0.005	(40+,0)	7	3	4	8	4	5	32
9773.950	7.30E-08	1.19E-07	0.014	(20-,4)	6	4	2	5	4	1	32
9774.068	2.91E-07	2.83E-07	-0.001	(40-,0)	7	3	4	8	3	5	32
9774.195	8.33E-08	3.97E-08	0.002	(40+,0)	4	2	2	5	5	1	32
		1.13E-08	0.000	(30-,2)	1	0	1	2	0	2	34
9774.361	7.07E-08	4.11E-08	0.002	(40-,0)	4	1	4	5	3	3	32
		1.50E-08	0.001	(40+,0)	4	0	4	5	3	3	32
9774.413	5.11E-08	4.01E-08	0.005	(40+,0)	5	4	2	6	5	1	32
		4.49E-09	0.005	(40-,0)	10	8	2	11	6	5	32
9774.485	6.78E-08	5.86E-08	0.004	(20-,4)	7	4	4	6	4	3	32
9774.602	1.20E-06	1.34E-06	-0.002	(40-,0)	6	4	2	7	4	3	32
9774.931	6.86E-08	6.75E-08	0.004	(20-,4)	9	3	7	8	3	6	32
		2.25E-08	-0.002	(20-,4)	9	2	7	8	2	6	32
		2.28E-08	-0.019	(30+,2)	6	4	3	6	5	2	32
9775.170	2.34E-07	2.04E-07	0.005	(30-,2)	1	1	0	2	1	1	32
9775.215	3.54E-07	1.18E-07	-0.002	(40-,0)	11	1	10	11	3	9	32
		3.55E-07	-0.002	(40-,0)	11	2	10	11	2	9	32
9775.319	8.88E-08	6.44E-08	-0.004	(40+,0)	5	5	1	6	6	0	32
9775.414	1.69E-07	1.45E-08	0.005	(40+,0)	4	1	4	5	2	3	32
		1.52E-07	-0.001	(40-,0)	4	0	4	5	2	3	32
9775.746	5.76E-08	3.72E-08	0.000	(40-,0)	12	5	7	12	7	6	32
9775.894	3.18E-07	1.33E-07	0.006	(30+,2)	8	6	3	8	7	2	32
		2.47E-07	0.002	(30-,2)	7	4	4	7	4	3	32
9775.930	2.92E-07	1.61E-07	-0.001	(40+,0)	5	5	0	6	6	1	32
9776.289	7.74E-08										
9776.725	5.11E-08	5.70E-08	0.009	(20-,4)	6	5	1	5	5	0	32
9776.992	5.11E-08	2.08E-08	-0.012	(30+,2)	7	3	4	7	4	3	32
9777.177	7.65E-08	4.75E-08	0.000	(30+,2)	9	7	2	9	8	1	32
		1.76E-08	-0.006	(40-,0)	7	2	5	7	6	2	32
9777.245	5.11E-08	3.21E-08	0.000	(20-,4)	7	3	4	6	3	3	32
9777.778	9.15E-08	5.60E-08	0.023	(30-,2)	7	4	3	7	6	2	32
9777.935	1.23E-07	1.63E-08	0.028	(20-,4)	5	4	1	4	2	2	32
		2.71E-08	0.000	(40+,0)	8	2	7	9	1	8	34
		4.48E-08	-0.012	(40-,0)	8	1	7	9	1	8	34
9778.052	1.17E-07	9.11E-08	0.000	(30+,2)	8	7	2	8	8	1	32
9778.351	1.18E-07	4.75E-08	0.000	(40+,0)	9	0	9	10	1	10	34
		1.58E-08	0.000	(40+,0)	9	1	9	10	0	10	34
		4.21E-08	-0.013	(40-,0)	9	1	9	10	1	10	34
		1.40E-08	-0.013	(40-,0)	9	0	9	10	0	10	34
9778.671	5.84E-08	4.69E-08	-0.001	(40-,0)	4	3	2	5	5	1	32
9778.744	2.52E-07	2.98E-07	-0.005	(30-,2)	6	3	3	6	5	2	32
9778.842	3.65E-08	8.09E-09	-0.003	(40+,0)	4	2	3	5	3	2	34
9778.930	1.11E-07	6.24E-08	-0.002	(40-,0)	7	3	5	8	3	6	34
		3.11E-08	-0.004	(40-,0)	12	8	4	12	10	3	32

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		2.88E-08	-0.030	(30+,2)	8	7	1	8	8	0	32
9779.021	3.65E-08	5.74E-08	-0.001	(30-,2)	8	5	4	8	5	3	32
9779.181	1.62E-07	8.07E-08	0.036	(40-,0)	4	2	3	5	4	2	32
		1.11E-07	-0.008	(30-,2)	4	1	3	4	3	2	32
9779.265	3.07E-07	7.85E-08	0.026	(30-,2)	3	0	3	3	2	2	32
		1.02E-07	-0.007	(40-,0)	11	2	9	11	4	8	32
		3.07E-07	-0.009	(40-,0)	11	3	9	11	3	8	32
9779.419	1.41E-07	1.22E-07	-0.007	(30-,2)	5	2	3	5	4	2	32
9779.506	5.84E-08	3.73E-08	0.000	(40+,0)	6	4	3	7	3	4	34
		3.75E-08	-0.020	(40+,0)	4	1	3	5	4	2	32
9779.566	3.80E-07	3.48E-07	-0.004	(30+,2)	4	2	3	4	3	2	32
9779.696	7.40E-08	4.67E-08	-0.003	(30+,2)	7	6	2	7	7	1	32
9779.994	8.21E-08	2.28E-08	0.000	(40+,0)	9	4	5	9	7	2	32
9780.409	5.70E-07	7.37E-07	0.000	(40-,0)	6	6	0	7	6	1	32
9780.564	3.60E-07	3.63E-07	0.000	(30-,2)	3	1	3	3	1	2	32
9781.239	3.65E-08	1.74E-08	-0.004	(40+,0)	6	5	2	7	4	3	34
9781.342	1.10E-07	1.00E-07	0.007	(30-,2)	9	6	4	9	6	3	32
9781.441	5.41E-08	2.12E-08	-0.004	(40-,0)	10	7	3	10	9	2	32
		3.67E-08	-0.005	(40-,0)	9	6	4	9	8	1	32
9781.549	1.53E-07	1.40E-07	0.000	(30+,2)	7	6	1	7	7	0	32
9781.740	1.83E-07	2.03E-07	-0.004	(30+,2)	6	5	2	6	6	1	32
9781.999	3.65E-08	2.73E-09	0.000	(40+,0)	9	1	9	10	0	10	33
		8.18E-09	0.000	(40+,0)	9	0	9	10	1	10	33
		5.05E-09	-0.006	(30+,2)	8	4	4	8	5	3	32
9782.069	2.34E-07	2.68E-07	-0.006	(30-,2)	1	0	1	2	0	2	32
9782.576	1.84E-07	2.35E-07	-0.002	(40-,0)	6	6	1	7	6	2	32
9782.754	6.80E-08	4.12E-08	0.000	(30+,2)	8	6	2	8	7	1	32
9782.810	1.32E-07	1.50E-07	-0.003	(30-,2)	4	2	3	4	2	2	32
9783.063	3.30E-07	3.15E-07	-0.008	(40-,0)	6	5	2	7	5	3	32
9783.427	5.76E-07	7.51E-07	0.000	(30-,2)	1	1	1	2	1	2	32
9783.863	1.56E-07	2.34E-08	0.030	(40-,0)	10	1	9	10	3	8	34
		7.68E-08	0.002	(40-,0)	11	3	8	11	5	7	32
		8.86E-08	0.000	(30+,2)	5	4	2	5	5	1	32
9783.902	1.65E-07	2.41E-07	-0.003	(40-,0)	11	4	8	11	4	7	32
9785.104	1.04E-07	6.70E-08	-0.006	(30+,2)	6	5	1	6	6	0	32
9785.287	2.43E-07	2.92E-07	0.000	(40-,0)	4	3	1	5	5	0	32
9785.366	4.99E-07	4.40E-07	-0.004	(30-,2)	5	3	3	5	3	2	32
9785.424	2.17E-06	6.19E-07	0.002	(40+,0)	8	2	7	9	1	8	32
		2.32E-07	0.001	(40+,0)	8	1	7	9	2	8	32
		3.34E-07	0.000	(40-,0)	8	2	7	9	2	8	32
		1.08E-06	-0.003	(40-,0)	8	1	7	9	1	8	32
9785.844	2.34E-06	3.11E-07	0.002	(30+,2)	4	3	2	4	4	1	32
		1.11E-06	0.000	(40+,0)	9	0	9	10	1	10	32
		3.73E-07	0.000	(40+,0)	9	1	9	10	0	10	32
		3.33E-07	-0.002	(40-,0)	9	0	9	10	0	10	32
		9.99E-07	-0.002	(40-,0)	9	1	9	10	1	10	32
9786.180	1.87E-07	1.98E-07	-0.011	(40-,0)	6	4	3	7	4	4	32
9786.237	2.35E-07	4.15E-08	0.024	(40+,0)	7	2	5	8	3	6	32
		2.70E-07	-0.002	(40-,0)	7	2	5	8	2	6	32
9786.425	1.16E-06	1.48E-06	0.001	(40-,0)	7	3	5	8	3	6	32
9786.503	2.04E-07	2.03E-07	-0.004	(40+,0)	4	2	3	5	3	2	32
9786.816	2.40E-07	2.89E-08	0.024	(30-,2)	7	5	3	8	3	6	32
		2.31E-07	0.005	(30-,2)	7	4	3	8	2	6	32
		9.62E-08	0.000	(30+,2)	5	2	3	5	3	2	32
9786.898	2.03E-07	2.18E-07	0.002	(40-,0)	4	1	3	5	3	2	32
9786.963	6.60E-07	9.30E-07	0.004	(40+,0)	6	4	3	7	3	4	32
9787.133	3.65E-08	4.53E-08	0.000	(30-,2)	8	6	3	8	6	2	32
9787.218	4.86E-07	4.83E-07	0.000	(40-,0)	10	0	10	10	2	9	32
		1.61E-07	0.000	(40-,0)	10	1	10	10	1	9	32
9787.266	2.40E-07	2.12E-07	0.003	(30+,2)	7	5	2	7	6	1	32
		3.70E-08	-0.020	(40+,0)	9	5	4	9	8	1	32
9787.398	1.01E-07	1.24E-07	-0.003	(30-,2)	6	4	3	6	4	2	32
9787.549	9.75E-08	1.03E-07	0.002	(30+,2)	3	2	2	3	3	1	32
9787.846	4.63E-08	9.11E-09	0.025	(30+,2)	9	5	4	9	6	3	32
		3.00E-08	0.000	(40-,0)	5	4	1	6	4	2	34
9788.166	2.60E-07	2.63E-07	0.002	(30+,2)	7	4	3	7	5	2	32
		4.85E-08	-0.027	(20-,4)	8	3	5	7	3	4	32
9788.460	9.95E-08	1.05E-07	0.001	(30-,2)	2	0	2	2	2	1	32

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9788.867	1.54E-07	2.10E-07	0.002	(30+,2)	2	1	2	2	2	1	32
9788.999	3.65E-08	3.21E-08	0.000	(40+,0)	11	5	7	11	6	6	32
9789.202	4.40E-07	3.04E-08	0.011	(30+,2)	8	2	7	7	3	4	32
		3.94E-07	0.002	(40+,0)	6	5	2	7	4	3	32
9789.309	2.12E-07	2.72E-07	0.000	(30+,2)	5	4	1	5	5	0	32
9789.457	1.01E-07	7.29E-08	-0.003	(40+,0)	11	4	7	11	5	6	32
		1.10E-07	-0.007	(40-,0)	11	5	7	11	5	6	32
9789.891	3.00E-07	2.85E-07	-0.004	(40+,0)	6	3	3	7	4	4	32
9790.685	6.00E-07	7.85E-07	-0.003	(40-,0)	6	3	3	7	3	4	32
9790.986	8.36E-08	1.11E-07	0.000	(30+,2)	6	4	2	6	5	1	32
9791.179	4.30E-08	3.26E-08	0.003	(30+,2)	6	3	3	6	4	2	32
		1.12E-08	0.000	(20-,4)	11	2	9	10	2	8	32
		3.36E-08	0.000	(20-,4)	11	3	9	10	3	8	32
9791.330	5.30E-07	5.53E-07	0.001	(40-,0)	10	1	9	10	3	8	32
		1.84E-07	0.001	(40-,0)	10	2	9	10	2	8	32
9791.643	4.13E-08	3.93E-08	0.000	(30+,2)	0	0	0	1	1	1	32
9792.363	9.59E-08	8.67E-09	0.011	(40+,0)	7	2	6	8	1	7	34
		4.37E-08	0.007	(40+,0)	7	1	6	8	2	7	34
		5.40E-08	0.004	(40-,0)	7	2	6	8	2	7	34
		2.39E-08	0.000	(40-,0)	7	1	6	8	1	7	34
9792.511	7.97E-08	1.18E-07	-0.001	(30+,2)	2	0	2	2	1	1	32
9792.644	1.57E-07	2.00E-08	0.000	(40+,0)	8	0	8	9	1	9	34
		6.01E-08	0.000	(40+,0)	8	1	8	9	0	9	34
		6.29E-08	-0.003	(40-,0)	8	0	8	9	0	9	34
		2.09E-08	-0.004	(40-,0)	8	1	8	9	1	9	34
		1.35E-08	-0.013	(40+,0)	4	4	1	5	5	0	34
9792.921	5.32E-07	4.49E-07	0.000	(30-,2)	0	0	0	1	0	1	32
9792.959	5.92E-07	6.90E-07	-0.003	(40-,0)	4	2	2	5	4	1	32
9793.320	4.30E-07	4.64E-07	-0.002	(30+,2)	5	3	2	5	4	1	32
9793.514	1.39E-07	1.19E-07	-0.003	(30+,2)	4	3	1	4	4	0	32
9793.611	7.30E-08	6.35E-08	0.000	(40-,0)	6	2	4	7	2	5	34
9793.778	4.30E-07	5.12E-07	-0.003	(30+,2)	3	1	2	3	2	1	32
9793.977	5.41E-08	2.89E-08	-0.001	(40-,0)	11	5	6	11	7	5	32
9794.195	1.58E-07	1.82E-07	-0.002	(30+,2)	4	2	2	4	3	1	32
9794.410	1.17E-07	1.31E-07	0.000	(40+,0)	7	7	0	8	6	3	32
9794.792	4.93E-08	2.94E-08	0.000	(40-,0)	9	1	9	9	1	8	34
		9.80E-09	0.000	(40-,0)	9	0	9	9	2	8	34
9795.495	2.16E-07	2.50E-07	0.000	(30-,2)	3	2	2	3	2	1	32
9795.610	5.50E-07	7.14E-07	0.002	(40-,0)	5	4	1	6	4	2	32
9795.749	1.09E-07	9.41E-08	-0.004	(40+,0)	7	2	5	7	5	2	32
9795.952	5.54E-07	4.95E-07	0.011	(40-,0)	10	2	8	10	4	7	32
		1.64E-07	0.000	(40-,0)	10	3	8	10	3	7	32
		1.93E-07	-0.012	(40+,0)	7	6	1	8	5	4	32
9796.391	6.05E-08										
9796.592	6.03E-08	2.71E-08	0.003	(40-,0)	11	6	5	11	8	4	32
9796.682	7.20E-08	5.09E-08	-0.006	(40-,0)	5	5	1	6	5	2	34
9797.010	3.62E-07	4.40E-07	0.000	(30+,2)	3	2	1	3	3	0	32
9797.327	1.22E-07	8.52E-08	0.002	(40-,0)	11	6	6	11	6	5	32
9797.445	1.98E-07	2.06E-07	0.001	(40+,0)	4	3	2	5	4	1	32
9798.082	2.79E-07	2.25E-07	0.002	(40+,0)	5	3	2	6	4	3	32
9798.412	3.65E-08	7.25E-09	0.000	(20-,4)	12	3	10	11	3	9	32
		2.17E-08	0.000	(20-,4)	12	2	10	11	2	9	32
9798.714	6.75E-08	4.51E-08	-0.001	(30-,2)	3	3	1	3	3	0	34
9798.829	1.36E-07	1.11E-07	0.001	(30-,2)	4	3	2	4	3	1	32
9799.316	9.09E-08	6.70E-08	0.000	(40-,0)	5	4	2	6	4	3	34
9799.406	1.79E-07	1.53E-07	0.000	(30+,2)	2	1	1	2	2	0	32
9799.868	2.63E-06	5.92E-07	-0.001	(40-,0)	7	1	6	8	1	7	32
		1.10E-06	-0.002	(40-,0)	7	2	6	8	2	7	32
		1.21E-06	-0.006	(40+,0)	7	1	6	8	2	7	32
9799.961	3.37E-07	3.11E-07	-0.004	(40+,0)	4	4	1	5	5	0	32
9800.152	3.52E-06	4.72E-07	0.000	(40+,0)	8	0	8	9	1	9	32
		1.41E-06	0.000	(40+,0)	8	1	8	9	0	9	32
		1.49E-06	-0.007	(40-,0)	8	0	8	9	0	9	32
		4.96E-07	-0.007	(40-,0)	8	1	8	9	1	9	32
9800.626	3.25E-07	4.23E-07	-0.002	(40-,0)	5	5	0	6	5	1	32
9800.788	6.12E-07	4.70E-07	0.004	(40-,0)	6	3	4	7	3	5	32
		3.65E-07	-0.006	(30+,2)	1	0	1	1	1	0	32
9800.830	6.12E-07	6.60E-07	0.004	(40+,0)	6	3	4	7	2	5	32

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9800.929	5.01E-07	6.64E-07	-0.008 (40-,0)	5	3	2	6	3	3	32
9801.142	1.87E-06	2.90E-07	0.026 (40-,0)	10	3	7	10	5	6	32
		1.44E-06	0.000 (40-,0)	6	2	4	7	2	5	32
		1.61E-07	-0.021 (40+,0)	6	6	1	7	5	2	32
9801.267	1.25E-07	4.56E-08	0.002 (40+,0)	10	3	7	10	4	6	32
		8.75E-08	0.000 (40-,0)	10	4	7	10	4	6	32
9801.307	7.30E-08	1.68E-08	0.000 (30-,2)	4	4	1	4	4	0	34
		7.61E-08	-0.011 (40+,0)	4	4	0	5	5	1	32
9802.315	1.39E-06	2.31E-07	0.010 (40-,0)	9	0	9	9	2	8	32
		6.93E-07	0.010 (40-,0)	9	1	9	9	1	8	32
9802.336	1.00E-06	4.57E-07	-0.013 (30-,2)	1	1	1	1	1	0	32
9802.596	2.63E-07	3.77E-07	-0.004 (30-,2)	5	4	2	5	4	1	32
9802.851	5.60E-08	4.30E-08	0.000 (30-,2)	2	2	0	2	2	1	34
9803.551	7.66E-08	5.56E-08	0.000 (30-,2)	4	4	0	4	4	1	34
9804.057	1.16E-07	4.73E-08	0.000 (30-,2)	5	5	1	5	5	0	34
9804.289	1.39E-06	1.20E-06	-0.001 (40-,0)	5	5	1	6	5	2	32
9804.407	2.76E-07	1.58E-07	0.013 (40-,0)	3	1	3	4	3	2	32
		1.53E-07	-0.010 (40+,0)	3	1	2	4	4	1	32
9804.659	6.50E-08	1.06E-08	0.030 (40-,0)	9	2	7	9	4	6	34
		3.11E-08	-0.005 (40-,0)	9	3	7	9	3	6	34
9805.384	5.34E-08	3.06E-08	0.002 (30+,2)	9	8	1	9	7	2	32
9806.114	1.52E-07	1.49E-07	0.000 (40-,0)	3	2	2	4	4	1	32
9806.305	2.26E-07	2.24E-08	0.007 (40+,0)	6	2	5	7	1	6	34
		1.04E-07	0.004 (40-,0)	6	1	5	7	1	6	34
		4.19E-08	0.000 (40-,0)	6	2	5	7	2	6	34
		1.18E-07	-0.020 (30-,2)	6	5	2	6	5	1	32
9806.431	2.23E-07	8.92E-08	0.001 (40-,0)	7	1	7	8	1	8	34
		2.98E-08	0.001 (40-,0)	7	0	7	8	0	8	34
		7.09E-08	0.000 (40+,0)	7	0	7	8	1	8	34
		2.35E-08	0.000 (40+,0)	7	1	7	8	0	8	34
9806.559	2.93E-07	2.22E-07	0.001 (40-,0)	10	4	6	10	6	5	32
9806.660	1.08E-06	1.08E-06	0.001 (30-,2)	3	3	1	3	3	0	32
9806.928	1.28E-06	1.61E-06	0.001 (40-,0)	5	4	2	6	4	3	32
9806.970	6.84E-07	2.73E-07	0.000 (40-,0)	9	1	8	9	3	7	32
		8.19E-07	0.000 (40-,0)	9	2	8	9	2	7	32
9807.510	4.38E-08	1.96E-08	-0.002 (40+,0)	8	7	2	8	8	1	32
9807.771	9.34E-08	8.01E-08	0.004 (40-,0)	11	7	5	11	7	4	32
9807.963	1.19E-07	3.79E-08	0.033 (20-,4)	6	4	2	5	2	3	32
		6.21E-08	0.005 (40+,0)	5	2	3	6	3	4	34
9808.034	1.37E-07	2.70E-08	0.010 (40+,0)	3	1	3	4	2	2	32
		7.25E-08	-0.012 (40-,0)	10	5	6	10	5	5	32
9808.082	7.30E-08	5.42E-08	-0.002 (40-,0)	3	0	3	4	2	2	32
9808.163	7.05E-08	1.69E-08	-0.021 (40-,0)	5	2	3	6	2	4	34
9808.223	4.38E-08	2.92E-08	0.000 (40+,0)	10	4	6	10	5	5	32
9808.427	4.36E-08	2.71E-08	0.000 (30-,2)	4	3	1	4	3	2	34
9808.985	2.02E-07	1.54E-07	0.000 (40-,0)	10	9	1	10	9	2	32
9809.261	3.33E-07	4.04E-07	-0.002 (30-,2)	4	4	1	4	4	0	32
9809.370	9.49E-08	4.01E-08	0.002 (40-,0)	8	0	8	8	2	7	34
		1.33E-08	0.001 (40-,0)	8	1	8	8	1	7	34
		7.58E-08	0.000 (20-,4)	8	4	4	7	4	3	32
9809.663	1.53E-07	4.88E-08	0.009 (20-,4)	6	5	1	5	3	2	32
		2.71E-08	0.005 (40-,0)	7	5	3	7	7	0	32
		1.31E-07	0.001 (40-,0)	10	8	2	10	10	1	32
9809.775	2.65E-07	4.36E-08	0.000 (40-,0)	10	8	3	10	10	0	32
		1.72E-07	-0.005 (40+,0)	5	4	2	6	3	3	32
9809.828	3.06E-07	2.88E-07	-0.004 (30-,2)	7	6	2	7	6	1	32
9810.071	3.65E-08	8.38E-09	0.003 (30-,2)	3	2	1	3	2	2	34
		4.14E-08	0.000 (20-,4)	10	3	7	9	3	6	32
		1.29E-08	0.000 (40+,0)	7	0	7	8	1	8	33
		5.88E-09	-0.014 (40-,0)	7	0	7	8	0	8	33
		1.66E-08	-0.014 (40-,0)	7	1	7	8	1	8	33
9810.210	1.98E-07	7.76E-08	0.006 (40-,0)	11	8	4	11	8	3	32
9810.538	2.53E-07	4.76E-08	0.000 (40-,0)	10	9	2	10	9	1	32
		1.30E-07	-0.009 (40-,0)	4	3	1	5	3	2	34
9810.629	3.52E-07	2.01E-07	-0.003 (40-,0)	10	5	5	10	7	4	32
9810.700	6.39E-07	4.24E-07	0.000 (30-,2)	3	3	0	3	3	1	32
9810.749	8.80E-07	1.02E-06	-0.001 (30-,2)	2	2	0	2	2	1	32
9810.910	4.05E-07	1.50E-07	-0.004 (40-,0)	10	6	4	10	8	3	32

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9811.209	2.66E-07	2.16E-07	-0.005	(30-,2)	1	1	0	1	1	1	32
9811.429	9.35E-07	1.32E-06	-0.005	(30-,2)	4	4	0	4	4	1	32
9811.962	8.37E-07	1.13E-06	-0.005	(30-,2)	5	5	1	5	5	0	32
9812.208	8.37E-07	2.45E-07	0.036	(40-,0)	9	2	7	9	4	6	32
		7.09E-07	-0.008	(40-,0)	9	3	7	9	3	6	32
9812.326	1.96E-07	8.51E-08	-0.004	(40-,0)	4	4	0	5	4	1	34
		1.21E-08	0.000	(40+,0)	11	6	5	11	7	4	32
9812.628	3.01E-07	2.18E-07	-0.003	(30+,2)	1	1	0	1	0	1	32
9812.958	7.30E-08	5.67E-08	-0.003	(30-,2)	8	7	2	8	7	1	32
9813.015	3.29E-07	3.67E-07	-0.004	(30-,2)	5	5	0	5	5	1	32
9813.690	1.42E-07	5.77E-08	-0.002	(40+,0)	6	6	0	7	5	3	32
9813.830	3.69E-06	4.35E-07	0.023	(30-,2)	6	5	1	6	5	2	32
		9.21E-07	0.007	(40-,0)	6	2	5	7	2	6	32
		5.22E-07	0.004	(40+,0)	6	2	5	7	1	6	32
		2.47E-06	-0.005	(40-,0)	6	1	5	7	1	6	32
9813.967	4.09E-06	1.67E-06	0.000	(40+,0)	7	0	7	8	1	8	32
		5.55E-07	0.000	(40+,0)	7	1	7	8	0	8	32
		2.11E-06	-0.001	(40-,0)	7	1	7	8	1	8	32
		7.07E-07	-0.001	(40-,0)	7	0	7	8	0	8	32
9814.120	1.46E-06	1.01E-06	0.000	(40-,0)	5	3	3	6	3	4	32
9814.341	5.98E-07	5.21E-07	0.000	(40+,0)	5	3	3	6	2	4	32
9814.579	3.07E-07	1.57E-07	0.001	(40-,0)	3	2	1	4	4	0	32
		4.90E-08	-0.011	(40-,0)	8	1	7	8	3	6	34
9814.820	5.26E-07	1.99E-07	0.001	(30-,2)	5	4	1	5	4	2	32
		3.00E-07	-0.001	(30-,2)	6	6	1	6	6	0	32
9815.093	6.05E-07	1.92E-07	0.003	(30-,2)	8	7	1	8	7	2	32
9815.296	8.85E-07	9.16E-07	-0.007	(30-,2)	6	6	0	6	6	1	32
9815.524	9.89E-07	1.53E-06	-0.007	(40+,0)	5	2	3	6	3	4	32
9815.653	2.73E-07	7.71E-08	0.000	(30-,2)	9	8	2	9	8	1	32
9815.757	6.26E-07	3.79E-07	-0.008	(40-,0)	5	2	3	6	2	4	32
9816.067	1.53E-07	8.90E-08	-0.001	(40+,0)	7	5	2	8	4	5	32
9816.282	5.81E-07	6.46E-07	-0.005	(30-,2)	4	3	1	4	3	2	32
9816.737	1.64E-07	6.49E-08	-0.001	(40+,0)	5	5	1	6	4	2	32
9816.910	9.50E-07	9.47E-07	-0.001	(40-,0)	8	0	8	8	2	7	32
		3.15E-07	-0.002	(40-,0)	8	1	8	8	1	7	32
9817.235	3.72E-07	1.43E-07	-0.002	(40+,0)	7	4	3	7	7	0	32
9817.431	3.06E-07	2.03E-07	-0.005	(40-,0)	3	1	2	4	3	1	32
9817.768	1.76E-07	1.19E-07	0.003	(30-,2)	8	6	2	8	6	3	32
9817.854	2.30E-07	1.66E-07	0.001	(40-,0)	9	3	6	9	5	5	32
		2.08E-08	-0.001	(20-,4)	6	3	3	5	1	4	32
9817.947	2.80E-07	1.98E-07	-0.002	(30-,2)	3	2	1	3	2	2	32
9818.003	4.07E-07	4.92E-07	-0.002	(30-,2)	7	7	1	7	7	0	32
		6.55E-08	-0.016	(40-,0)	10	6	5	10	6	4	32
9818.126	3.26E-07	2.08E-07	-0.006	(30-,2)	7	7	0	7	7	1	32
9818.226	2.50E-06	3.11E-06	0.000	(40-,0)	4	3	1	5	3	2	32
9818.414	6.41E-07	4.72E-07	0.001	(40-,0)	9	4	6	9	4	5	32
9818.746	1.83E-07	1.45E-07	-0.009	(30+,2)	3	3	0	3	2	1	32
9818.840	2.19E-08	6.14E-08	-0.007	(30+,2)	10	8	3	10	9	2	32
9819.123	1.18E-07	8.47E-08	0.000	(40+,0)	3	2	2	4	3	1	32
9819.342	1.59E-07	5.90E-08	-0.003	(40+,0)	10	7	3	10	8	2	32
		1.43E-07	-0.003	(30+,2)	3	2	1	3	1	2	32
9819.411	4.16E-07	1.13E-07	0.000	(40-,0)	4	2	2	5	2	3	34
		4.09E-07	-0.003	(30-,2)	2	1	1	2	1	2	32
9819.714	3.98E-07	8.70E-08	0.031	(40-,0)	5	2	4	6	2	5	34
		3.50E-08	-0.003	(40-,0)	6	1	6	7	1	7	34
		6.97E-08	-0.004	(40+,0)	6	1	6	7	0	7	34
		1.26E-07	-0.004	(40-,0)	6	0	6	7	0	7	34
9819.986	7.30E-08	4.59E-08	0.003	(30+,2)	4	3	1	4	2	2	32
9820.095	1.72E-06	2.00E-06	0.002	(40-,0)	4	4	0	5	4	1	32
9820.260	7.41E-08	6.47E-08	-0.001	(30-,2)	7	5	2	7	5	3	32
9820.347	5.50E-08	4.27E-08	-0.002	(40-,0)	8	2	6	8	4	5	34
9820.503	8.05E-08	1.20E-08	-0.003	(40-,0)	8	3	6	8	3	5	34
		6.66E-08	-0.004	(40+,0)	6	5	1	7	4	4	32
		2.07E-08	-0.008	(30-,2)	4	2	2	4	2	3	34
9821.175	4.99E-08										
9821.326	9.06E-08	1.18E-07	0.000	(30-,2)	8	8	1	8	8	0	32
9821.414	1.86E-07	3.57E-07	0.004	(30-,2)	8	8	0	8	8	1	32
9821.788	8.10E-08	9.41E-08	0.001	(30+,2)	1	1	1	0	0	0	32

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9822.145	1.06E-06	1.15E-06	0.001	(40-,0)	8	1	7	8	3	6	32
		3.83E-07	-0.004	(40-,0)	8	2	7	8	2	6	32
9822.236	1.09E-07	8.29E-08	-0.012	(30+,2)	5	4	1	5	3	2	32
9822.528	3.78E-08	8.61E-08	0.000	(20-,4)	8	5	3	7	5	2	32
9822.713	3.77E-08	2.86E-08	-0.001	(30-,2)	10	7	3	10	7	4	32
9822.773	5.72E-08	3.47E-08	0.000	(40-,0)	4	3	2	5	3	3	34
9823.008	1.48E-07	5.91E-08	0.022	(40-,0)	9	7	2	9	9	1	32
		1.47E-07	-0.012	(40-,0)	9	4	5	9	6	4	32
9823.218	2.11E-07	1.62E-07	0.000	(40-,0)	9	7	3	9	9	0	32
9823.393	9.67E-08	2.85E-08	0.004	(40-,0)	6	0	6	7	0	7	33
		7.74E-09	0.004	(40+,0)	6	1	6	7	0	7	33
		9.39E-09	0.000	(40+,0)	6	0	6	7	1	7	33
9823.468	2.61E-07	5.21E-08	0.015	(40-,0)	7	1	7	7	1	6	34
		3.18E-07	-0.007	(30-,2)	6	4	2	6	4	3	32
9823.574	1.44E-07	1.47E-07	-0.002	(40+,0)	3	3	1	4	4	0	32
9824.006	1.08E-07	1.29E-07	-0.003	(40-,0)	9	8	1	9	8	2	32
9824.399	9.49E-08	4.42E-08	0.013	(30+,2)	2	2	1	2	1	2	32
		2.73E-08	-0.020	(40-,0)	6	3	4	6	5	1	32
9824.605	1.21E-07	1.02E-07	0.003	(30-,2)	2	2	1	2	0	2	32
9824.686	9.03E-08	5.96E-08	0.000	(40-,0)	10	7	4	10	7	3	32
9825.145	7.64E-08	3.00E-07	0.002	(30-,2)	9	9	1	9	9	0	32
		9.59E-08	0.000	(30-,2)	9	9	0	9	9	1	32
9825.340	1.57E-07	1.42E-07	0.000	(40-,0)	9	5	4	9	7	3	32
9825.545	5.51E-07	6.16E-07	-0.003	(40-,0)	4	4	1	5	4	2	32
9825.902	1.68E-07	1.18E-07	-0.003	(40+,0)	4	2	2	5	3	3	32
9826.233	1.52E-07	3.61E-08	0.000	(40-,0)	8	3	5	8	5	4	34
		1.42E-07	-0.002	(30-,2)	5	3	2	5	3	3	32
9826.288	2.82E-07	2.74E-07	-0.010	(40+,0)	3	3	0	4	4	1	32
9826.957	2.90E-06	3.54E-07	0.012	(40-,0)	9	8	2	9	8	1	32
		2.73E-06	0.001	(40-,0)	4	2	2	5	2	3	32
9827.131	5.50E-07	4.40E-07	-0.001	(40-,0)	9	5	5	9	5	4	32
9827.230	1.38E-06	3.92E-07	0.000	(40+,0)	5	2	4	6	1	5	32
		2.31E-06	-0.003	(40-,0)	5	2	4	6	2	5	32
9827.279	8.65E-06	8.04E-07	0.001	(40-,0)	6	1	6	7	1	7	32
		7.45E-07	0.000	(40+,0)	6	0	6	7	1	7	32
		1.60E-06	0.000	(40+,0)	6	1	6	7	0	7	32
		3.05E-06	-0.001	(40-,0)	6	0	6	7	0	7	32
		1.22E-06	-0.012	(40+,0)	5	1	4	6	2	5	32
		8.13E-07	-0.035	(40-,0)	5	1	4	6	1	5	32
9827.623	3.65E-08	8.12E-08	0.001	(30+,2)	5	5	0	6	2	5	32
9827.930	1.03E-06	9.80E-07	0.008	(40-,0)	8	2	6	8	4	5	32
		1.09E-07	0.005	(40+,0)	8	3	6	8	4	5	32
9828.120	1.07E-06	2.91E-07	0.016	(40-,0)	8	3	6	8	3	5	32
9828.385	4.90E-07	4.88E-07	-0.005	(30-,2)	4	2	2	4	2	3	32
9828.563	2.27E-07	1.87E-07	0.001	(30+,2)	2	0	2	1	1	1	32
9828.912	1.26E-07	6.00E-08	-0.001	(30-,2)	2	1	2	1	1	1	32
9828.993	3.07E-07	3.15E-07	-0.001	(30-,2)	3	3	1	3	1	2	32
9829.160	9.12E-08	9.10E-08	0.001	(30-,2)	10	10	0	10	10	1	32
		3.03E-08	0.000	(30-,2)	10	10	1	10	10	0	32
9829.299	1.14E-07	2.19E-08	0.038	(40-,0)	7	1	6	7	3	5	34
		6.44E-08	0.002	(40-,0)	7	2	6	7	2	5	34
9829.353	9.14E-08	4.90E-08	-0.003	(30-,2)	3	1	3	2	1	2	34
9829.646	1.63E-07	1.33E-07	-0.001	(30-,2)	3	1	2	3	1	3	32
9829.875	4.28E-07	3.71E-07	0.001	(30-,2)	2	0	2	1	0	1	32
9830.280	5.72E-07	4.98E-07	0.000	(30+,2)	2	1	2	1	0	1	32
9830.386	9.44E-07	8.35E-07	0.002	(40-,0)	4	3	2	5	3	3	32
9831.024	1.15E-06	4.10E-07	0.001	(40-,0)	7	0	7	7	2	6	32
		1.23E-06	0.000	(40-,0)	7	1	7	7	1	6	32
9831.110	3.47E-07	8.71E-08	0.006	(30-,2)	8	5	3	8	5	4	32
9831.438	8.97E-07	5.85E-07	0.000	(40+,0)	4	3	2	5	2	3	32
		4.11E-07	-0.001	(30-,2)	3	2	2	3	0	3	32
9831.794	6.35E-08	1.18E-08	0.015	(40-,0)	2	0	2	3	2	1	34
		3.43E-08	-0.013	(40-,0)	2	1	2	3	3	1	32
9832.451	2.13E-07	1.03E-07	0.003	(40+,0)	4	2	3	5	1	4	34
9832.506	3.90E-07	5.22E-08	-0.003	(40-,0)	5	0	5	6	0	6	34
		1.45E-07	-0.005	(40-,0)	5	1	5	6	1	6	34
		8.36E-08	-0.005	(40+,0)	5	0	5	6	1	6	34
9832.905	2.87E-07	1.99E-07	0.001	(40+,0)	4	4	1	5	3	2	32

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		2.42E-08	0.000	(20-,4)	8	7	1	7	7	0	32
9833.136	3.21E-07	1.88E-07	-0.004	(40+,0)	5	5	0	6	4	3	32
9833.336	1.64E-07	1.61E-07	-0.001	(30-,2)	4	3	2	4	1	3	32
9833.382	1.31E-07	5.38E-08	-0.002	(40-,0)	3	2	1	4	2	2	34
9833.552	5.84E-08	1.61E-07	0.002	(40+,0)	8	4	5	8	5	4	32
9833.787	6.63E-07	7.30E-07	0.001	(40-,0)	8	3	5	8	5	4	32
9833.968	1.60E-07	7.51E-08	0.000	(11+,4)	8	6	3	8	5	4	32
9835.259	1.17E-07	7.31E-08	-0.004	(30+,2)	7	5	3	7	4	4	32
9835.718	4.55E-07	3.53E-07	0.001	(40+,0)	9	6	3	9	7	2	32
		7.12E-08	-0.011	(30-,2)	4	4	1	4	2	2	32
9835.790	3.78E-07	2.65E-07	0.004	(40-,0)	8	4	5	8	4	4	32
9836.042	4.24E-07	5.04E-07	-0.001	(40-,0)	8	6	2	8	8	1	32
9836.184	1.28E-07	5.57E-08	0.002	(40-,0)	7	3	5	7	3	4	34
		1.24E-08	-0.001	(40-,0)	5	0	5	6	0	6	33
		3.51E-08	-0.003	(40-,0)	5	1	5	6	1	6	33
9836.377	1.78E-07	2.09E-07	0.000	(11+,4)	9	7	2	9	6	3	32
9836.596	3.76E-07	3.82E-07	0.003	(30-,2)	5	4	2	5	2	3	32
9836.632	1.44E-07	1.65E-07	-0.007	(40+,0)	8	7	1	8	8	0	32
9836.836	9.45E-07	5.13E-07	-0.005	(40-,0)	7	1	6	7	3	5	32
9836.891	1.88E-06	1.47E-06	0.004	(40-,0)	7	2	6	7	2	5	32
		1.75E-07	-0.026	(11+,4)	9	7	2	9	6	3	32
9837.054	1.37E-07	6.58E-08	0.002	(40-,0)	6	0	6	6	2	5	34
		2.16E-08	-0.004	(40-,0)	6	1	6	6	1	5	34
9837.322	1.04E-06	1.16E-06	-0.001	(30-,2)	3	1	3	2	1	2	32
9837.615	3.51E-07	2.56E-07	0.000	(30-,2)	3	0	3	2	0	2	32
9837.693	1.20E-06	3.49E-07	0.005	(30+,2)	6	4	3	6	3	4	32
		6.90E-07	-0.003	(40-,0)	8	5	3	8	7	2	32
		1.37E-07	0.001	(30+,2)	3	1	3	2	0	2	32
9837.740	1.10E-06	7.98E-07	0.003	(40-,0)	8	4	4	8	6	3	32
9838.342	4.11E-07	3.95E-07	0.006	(30-,2)	2	1	1	1	1	0	32
9838.777	1.82E-07	1.08E-07	0.000	(40-,0)	3	3	1	4	3	2	34
9838.837	1.78E-07	1.51E-07	-0.003	(30+,2)	5	3	3	5	2	4	32
9838.978	3.76E-07	3.98E-07	0.000	(30-,2)	4	1	3	4	1	4	32
9839.310	1.20E-06	9.48E-07	-0.001	(40-,0)	3	3	0	4	3	1	32
9839.411	4.18E-07	1.35E-07	0.027	(30+,2)	4	1	3	4	0	4	32
		2.89E-07	-0.002	(40-,0)	2	0	2	3	2	1	32
9839.778	2.91E-07	1.87E-07	0.001	(40+,0)	2	1	2	3	2	1	32
9840.033	2.07E-06	2.57E-06	0.004	(40+,0)	4	2	3	5	1	4	32
9840.095	6.47E-06	5.62E-07	0.000	(40+,0)	5	1	5	6	0	6	32
		2.06E-06	0.000	(40+,0)	5	0	5	6	1	6	32
		1.25E-06	-0.001	(40-,0)	5	0	5	6	0	6	32
		3.37E-06	-0.001	(40-,0)	5	1	5	6	1	6	32
9840.351	9.03E-07	4.63E-07	0.014	(30+,2)	5	2	3	5	1	4	32
		8.65E-07	-0.016	(40+,0)	4	1	3	5	2	4	32
9840.417	2.19E-06	1.51E-06	-0.001	(40-,0)	4	1	3	5	1	4	32
9841.045	1.34E-06	1.28E-06	0.001	(40-,0)	3	2	1	4	2	2	32
9841.387	1.10E-06	6.39E-07	-0.002	(40-,0)	2	1	1	3	3	0	32
9841.687	1.70E-07	1.21E-07	-0.001	(30+,2)	6	3	3	6	2	4	32
		7.49E-08	-0.010	(30-,2)	6	5	2	6	3	3	32
9842.161	5.97E-08										
9842.590	1.36E-07	1.00E-07	0.002	(40-,0)	5	3	3	5	5	0	32
9842.681	2.33E-07	2.06E-07	0.000	(40-,0)	8	7	2	8	7	1	32
9842.860	1.96E-07	2.33E-07	0.001	(40-,0)	7	2	5	7	4	4	32
9843.045	1.91E-07	6.16E-08	0.004	(40+,0)	7	3	5	7	4	4	32
9843.307	3.88E-07	4.49E-07	-0.001	(30+,2)	2	2	1	1	1	0	32
9843.435	2.55E-07	2.02E-07	0.004	(30-,2)	7	4	3	7	4	4	32
		8.08E-08	0.000	(40-,0)	6	1	5	6	3	4	34
9843.629	1.40E-06	5.93E-08	0.010	(30-,2)	5	1	5	4	1	4	34
		3.87E-07	0.000	(40+,0)	7	2	5	7	3	4	32
9843.842	1.40E-06	1.28E-06	0.000	(40-,0)	7	3	5	7	3	4	32
9844.086	4.86E-08	9.11E-09	-0.003	(20-,4)	7	4	3	6	2	4	32
		2.08E-08	-0.010	(40+,0)	3	1	2	4	2	3	34
9844.350	7.40E-08	5.05E-08	0.000	(40-,0)	3	1	2	4	1	3	34
9844.649	1.74E-06	1.55E-06	0.002	(40-,0)	6	0	6	6	2	5	32
		5.08E-07	-0.004	(40-,0)	6	1	6	6	1	5	32
9844.831	1.07E-06	1.61E-07	0.015	(40-,0)	4	0	4	5	0	5	34
		4.48E-07	-0.002	(30-,2)	4	1	4	3	1	3	32
9844.875	1.20E-06	1.29E-06	-0.001	(30-,2)	4	0	4	3	0	3	32

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9844.943	5.44E-07	1.17E-07	0.038	(30-,2)	5	5	1	5	3	2	32
		8.43E-08	-0.007	(30+,2)	4	1	4	3	0	3	32
9845.269	4.71E-08	1.28E-08	0.000	(20-,4)	7	6	1	6	4	2	32
9845.421	4.94E-08										
9845.665	1.09E-07	1.39E-08	0.036	(30+,2)	8	6	3	8	5	4	32
		5.43E-08	-0.007	(40-,0)	7	4	4	7	4	3	34
9845.732	1.90E-07	1.49E-07	-0.003	(40-,0)	3	2	2	4	2	3	34
9845.923	5.66E-07	1.48E-07	0.035	(40+,0)	5	4	1	6	3	4	32
		5.08E-07	0.000	(40+,0)	2	2	1	3	3	0	32
9845.989	5.27E-07	3.79E-07	0.002	(30+,2)	3	1	2	2	2	1	32
		2.48E-07	-0.004	(40-,0)	8	5	4	8	5	3	32
9846.420	2.21E-06	2.56E-06	0.001	(40-,0)	3	3	1	4	3	2	32
9846.627	9.67E-08	1.37E-07	0.003	(30+,2)	8	5	4	8	4	5	32
9847.105	1.31E-07	5.86E-08	0.017	(30-,2)	5	2	4	5	0	5	32
		9.64E-08	-0.004	(30-,2)	5	1	4	5	1	5	32
9847.207	2.21E-07	2.68E-08	0.016	(30+,2)	5	2	4	5	1	5	32
		3.11E-07	-0.002	(30+,2)	5	1	4	5	0	5	32
9847.643	3.19E-07	8.27E-08	-0.001	(30+,2)	7	4	4	7	3	5	32
		3.48E-07	-0.002	(30+,2)	6	3	4	6	2	5	32
9847.702	2.24E-07	1.97E-07	0.001	(30-,2)	3	2	2	2	2	1	32
		3.25E-08	-0.012	(30+,2)	8	5	3	8	4	4	32
9847.977	1.22E-07	1.04E-07	-0.004	(30+,2)	6	2	4	6	1	5	32
9848.034	4.38E-08	5.21E-09	-0.005	(30-,2)	3	2	1	2	2	0	34
9848.392	6.35E-07	2.70E-07	0.001	(40+,0)	7	6	2	7	7	1	32
		4.52E-07	-0.006	(40-,0)	7	3	4	7	5	3	32
9848.488	1.52E-07	1.96E-08	0.030	(30+,2)	8	7	2	8	6	3	32
		1.78E-08	0.000	(40+,0)	4	1	4	5	0	5	33
		2.81E-08	0.000	(40-,0)	4	0	4	5	0	5	33
9848.760	2.16E-07	2.41E-07	-0.002	(30+,2)	7	3	4	7	2	5	32
9849.043	3.65E-08	3.44E-08	0.003	(40+,0)	6	6	1	7	3	4	32
9849.249	1.10E-07	1.06E-07	-0.001	(30-,2)	7	6	2	7	4	3	32
9849.426	3.65E-08	2.70E-08	0.000	(40-,0)	3	2	2	4	2	3	33
9849.657	1.19E-06	7.84E-07	-0.002	(40+,0)	7	6	1	7	7	0	32
9849.745	3.51E-07	4.56E-08	0.029	(30+,2)	8	4	4	8	3	5	32
		2.26E-07	0.004	(40-,0)	8	6	3	8	6	2	32
		5.68E-08	0.002	(30-,2)	6	0	6	5	0	5	34
9849.942	4.16E-07	3.44E-07	-0.005	(40-,0)	7	4	3	7	6	2	32
		1.18E-07	-0.031	(30-,2)	3	1	2	2	1	1	32
9850.030	1.31E-07	4.44E-08	0.000	(40+,0)	7	5	2	7	6	1	34
		5.06E-08	-0.012	(40+,0)	3	3	1	4	2	2	32
9850.200	1.23E-07	7.50E-08	-0.001	(40-,0)	5	1	5	5	1	4	34
9850.692	1.34E-07	9.60E-08	-0.005	(40+,0)	2	2	0	3	3	1	32
9850.908	1.27E-07	5.97E-08	0.000	(30+,2)	2	2	0	1	1	1	32
9850.984	4.20E-07	1.46E-07	0.002	(40-,0)	2	2	0	3	2	1	34
9851.037	1.64E-06	1.90E-06	-0.002	(40-,0)	6	1	5	6	3	4	32
9851.256	6.33E-07	6.22E-08	0.011	(30+,2)	9	5	4	9	4	5	32
		5.89E-07	-0.001	(40-,0)	6	2	5	6	2	4	32
		5.43E-08	-0.005	(40+,0)	6	1	5	6	2	4	32
9851.607	1.85E-06	1.40E-06	0.002	(30-,2)	5	1	5	4	1	4	32
		4.68E-07	-0.001	(30-,2)	5	0	5	4	0	4	32
9851.653	1.64E-06	4.54E-07	-0.007	(40+,0)	3	1	2	4	2	3	32
9851.744	2.69E-07	1.90E-07	-0.003	(30+,2)	3	2	2	2	1	1	32
9851.946	1.27E-06	1.21E-06	0.002	(40-,0)	3	1	2	4	1	3	32
9852.169	2.34E-07	1.51E-07	0.004	(30-,2)	2	2	0	1	0	1	32
9852.409	7.24E-06	6.87E-07	0.001	(40-,0)	4	1	4	5	1	5	32
		2.29E-06	0.000	(40+,0)	4	1	4	5	0	5	32
		1.28E-06	0.000	(40+,0)	4	0	4	5	1	5	32
		3.61E-06	-0.005	(40-,0)	4	0	4	5	0	5	32
9852.644	1.47E-07	5.24E-08	0.004	(40+,0)	6	5	2	6	6	1	34
9853.030	1.09E-07	2.03E-08	0.008	(20-,4)	7	5	3	6	3	4	32
		5.21E-08	0.000	(40+,0)	4	4	0	5	3	3	32
9853.084	1.09E-07	6.91E-08	0.003	(40+,0)	10	8	3	10	9	2	32
		9.28E-09	-0.023	(20-,4)	7	3	5	6	1	6	32
9853.356	3.20E-06	3.57E-06	-0.002	(40-,0)	3	2	2	4	2	3	32
9853.464	1.28E-06	1.27E-06	0.001	(40-,0)	7	4	4	7	4	3	32
9853.629	3.84E-07	1.92E-07	-0.001	(40+,0)	3	2	2	4	1	3	32
9853.938	1.21E-07	1.06E-07	0.000	(40-,0)	11	11	1	11	11	0	32
		3.53E-08	0.000	(40-,0)	11	11	0	11	11	1	32

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9854.082	7.28E-08	5.53E-08	-0.006	(40-,0)	4	4	0	5	2	3	32
9854.413	1.45E-07	3.10E-08	0.002	(30-,2)	6	2	5	6	0	6	32
		1.21E-07	-0.005	(30-,2)	6	1	5	6	1	6	32
9854.496	2.80E-07	1.99E-07	0.001	(30+,2)	6	2	5	6	1	6	32
		7.58E-08	-0.001	(30+,2)	6	1	5	6	0	6	32
9854.664	1.00E-07	2.71E-08	0.003	(40-,0)	2	2	0	3	2	1	33
9855.238	1.69E-07	5.00E-08	-0.002	(30-,2)	7	1	7	6	1	6	34
		1.66E-08	-0.003	(30-,2)	7	0	7	6	0	6	34
		7.90E-08	-0.007	(30-,2)	7	2	5	7	2	6	32
9855.351	2.09E-07	2.16E-07	-0.003	(30+,2)	7	2	5	7	1	6	32
9855.763	1.87E-07	1.96E-07	0.001	(30+,2)	8	4	5	8	3	6	32
9855.910	1.43E-07	3.46E-08	0.000	(40+,0)	9	8	1	9	7	2	32
9855.971	1.75E-07	1.25E-07	-0.001	(30-,2)	3	2	1	2	2	0	32
9856.084	2.20E-07	4.94E-08	0.037	(30+,2)	8	3	5	8	2	6	32
		1.73E-07	-0.002	(40-,0)	2	1	1	3	1	2	34
9856.565	1.46E-07	6.86E-08	0.000	(40-,0)	3	1	3	4	1	4	34
		5.22E-08	0.000	(40+,0)	3	1	3	4	0	4	34
9856.610	2.77E-07	1.80E-07	0.000	(40+,0)	3	0	3	4	1	4	34
		3.08E-08	-0.013	(40-,0)	3	0	3	4	0	4	34
9856.758	2.64E-07	2.73E-07	0.003	(30-,2)	4	2	3	3	2	2	32
9857.253	2.46E-06	1.96E-06	0.000	(40-,0)	6	2	4	6	4	3	32
9857.298	6.42E-07	1.02E-06	0.002	(40+,0)	7	5	2	7	6	1	32
9857.735	1.98E-06	4.49E-07	-0.003	(30-,2)	6	1	6	5	1	5	32
		1.34E-06	-0.006	(30-,2)	6	0	6	5	0	5	32
9857.783	6.51E-07	5.90E-07	0.007	(40-,0)	5	0	5	5	2	4	32
		9.76E-08	-0.037	(40-,0)	5	2	4	5	2	3	34
9857.823	1.78E-06	1.76E-06	-0.001	(40-,0)	5	1	5	5	1	4	32
9858.099	2.26E-07	2.62E-07	-0.001	(30-,2)	4	1	3	3	1	2	32
9858.213	1.49E-07										
9858.485	5.21E-07	7.16E-07	0.004	(30+,2)	4	2	3	3	1	2	32
9858.679	3.79E-06	3.46E-06	-0.001	(40-,0)	2	2	0	3	2	1	32
9859.791	7.86E-07	6.33E-07	0.000	(40-,0)	6	3	4	6	3	3	32
9859.855	1.36E-06	1.20E-06	-0.003	(40+,0)	6	5	2	6	6	1	32
9860.682	1.68E-06	1.74E-06	-0.001	(40-,0)	6	3	3	6	5	2	32
9860.935	9.77E-07	1.16E-06	0.003	(40-,0)	7	5	3	7	5	2	32
9861.190	1.55E-07	5.98E-08	0.007	(30+,2)	7	2	6	7	1	7	32
		1.82E-07	0.005	(30+,2)	7	1	6	7	0	7	32
9861.507	8.76E-08	7.46E-08	0.002	(30+,2)	4	2	2	3	3	1	32
9861.555	1.78E-07	2.41E-07	0.000	(40-,0)	10	10	0	10	10	1	32
		8.04E-08	0.000	(40-,0)	10	10	1	10	10	0	32
9862.162	1.88E-07	1.18E-07	0.010	(30+,2)	8	3	6	8	2	7	32
		4.41E-08	0.009	(30+,2)	8	2	6	8	1	7	32
9862.334	3.40E-07	3.78E-07	0.004	(40+,0)	6	5	1	6	6	0	32
9862.380	1.75E-07	1.95E-07	0.004	(40+,0)	9	7	2	9	8	1	32
9862.713	1.65E-07	8.42E-08	0.000	(40-,0)	4	0	4	4	2	3	34
9862.792	8.03E-08	9.04E-08	0.001	(30-,2)	9	4	6	9	2	7	32
9863.242	1.15E-06	1.18E-06	-0.006	(30-,2)	7	1	7	6	1	6	32
		3.94E-07	-0.007	(30-,2)	7	0	7	6	0	6	32
9863.725	4.14E-06	4.14E-06	0.001	(40-,0)	2	1	1	3	1	2	32
9864.184	2.50E-06	1.61E-06	0.000	(40-,0)	3	1	3	4	1	4	32
		1.31E-06	-0.003	(40+,0)	3	1	3	4	0	4	32
9864.237	5.90E-06	4.28E-06	-0.003	(40+,0)	3	0	3	4	1	4	32
		6.54E-07	-0.011	(40-,0)	3	0	3	4	0	4	32
9864.517	6.72E-07	7.95E-07	0.001	(40-,0)	5	1	4	5	3	3	32
9865.014	1.30E-06	1.00E-06	0.001	(30-,2)	5	2	4	4	2	3	32
9865.316	1.95E-07	2.04E-07	0.003	(30-,2)	5	1	4	4	1	3	32
9865.395	2.09E-07	1.33E-07	0.000	(30+,2)	5	2	4	4	1	3	32
9865.493	1.87E-06	2.25E-06	0.001	(40-,0)	5	2	4	5	2	3	32
		1.86E-07	0.001	(40-,0)	1	0	1	2	2	0	32
9865.761	2.18E-07	2.00E-07	0.000	(30+,2)	3	3	1	2	2	0	32
9865.886	7.30E-08	8.73E-08	0.005	(30+,2)	5	5	0	5	2	3	32
9866.148	7.30E-08	5.11E-08	0.011	(30-,2)	4	3	2	3	3	1	32
9866.680	9.03E-08	6.83E-08	0.015	(20-,4)	8	3	5	8	1	8	32
		3.96E-08	0.003	(20-,4)	8	6	2	7	4	3	32
9866.929	1.77E-06	1.07E-06	0.001	(40-,0)	2	2	1	3	2	2	32
9866.997	2.60E-07	1.28E-07	0.000	(40+,0)	1	1	1	2	2	0	32
9867.088	1.35E-07	6.58E-08	0.000	(40+,0)	5	4	1	5	5	0	34
9867.360	1.68E-07										

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9867.666	1.35E-07	8.20E-08	0.003	(30+,2)	8	2	7	8	1	8	32
		3.61E-08	0.003	(30+,2)	8	1	7	8	0	8	32
9867.727	3.02E-07	1.98E-07	0.000	(40-,0)	2	0	2	3	0	3	34
9867.775	1.93E-07	9.85E-08	0.000	(40-,0)	5	3	3	5	3	2	34
9867.965	9.05E-08	2.28E-08	0.008	(30-,2)	10	0	10	9	0	9	34
		7.62E-09	0.000	(30-,2)	10	1	10	9	1	9	34
9868.044	2.19E-07	6.70E-08	0.000	(40-,0)	2	1	2	3	1	3	34
		2.39E-08	-0.030	(40+,0)	2	1	2	3	0	3	34
9868.116	1.30E-06	3.22E-07	0.004	(30-,2)	8	1	8	7	1	7	32
		9.68E-07	0.004	(30-,2)	8	0	8	7	0	7	32
9868.238	2.18E-07	3.27E-08	0.000	(30+,2)	9	3	7	9	2	8	32
		9.06E-08	0.000	(30+,2)	9	2	7	9	1	8	32
9868.264	2.21E-07	6.51E-08	0.006	(40+,0)	2	2	1	3	1	2	32
9868.521	2.01E-07	9.90E-08	0.011	(40+,0)	7	4	3	7	5	2	32
9868.668	6.95E-08										
9868.843	4.20E-08	1.40E-08	0.020	(30-,2)	10	4	7	10	2	8	32
		3.94E-08	0.014	(30-,2)	10	3	7	10	3	8	32
9869.077	1.94E-07	1.06E-07	0.002	(40-,0)	4	1	3	4	3	2	34
9869.208	2.75E-07										
9869.317	5.53E-07	5.31E-07	0.004	(40-,0)	9	9	1	9	9	0	32
		1.77E-07	0.000	(40-,0)	9	9	0	9	9	1	32
9869.430	8.51E-07	5.89E-07	0.001	(40-,0)	6	4	3	6	4	2	32
		3.48E-07	-0.010	(30-,2)	4	2	2	3	2	1	32
9869.582	1.09E-06	7.59E-07	0.005	(40-,0)	5	2	3	5	4	2	32
9869.888	2.19E-07										
9869.953	6.70E-07	5.23E-07	0.002	(40+,0)	6	4	2	6	5	1	32
9870.195	6.68E-07	5.36E-07	0.004	(40+,0)	5	4	2	5	5	1	32
9870.340	2.31E-06	1.98E-06	0.000	(40-,0)	4	0	4	4	2	3	32
9870.419	3.00E-07										
9870.608	1.14E-06	6.03E-07	-0.003	(40-,0)	4	1	4	4	1	3	32
9870.962	4.57E-07	4.18E-07	0.000	(30+,2)	3	3	0	2	2	1	32
9871.227	2.37E-07	1.32E-07	-0.008	(40+,0)	8	6	2	8	7	1	32
9871.421	8.69E-08	3.65E-08	0.000	(40-,0)	2	0	2	3	0	3	33
9871.679	1.69E-07	8.31E-08	0.005	(40+,0)	4	3	2	4	4	1	34
		2.48E-08	-0.029	(40+,0)	4	3	1	5	2	4	32
9872.011	7.11E-08										
9872.099	3.58E-07	3.10E-07	0.007	(30-,2)	6	2	5	5	2	4	32
9872.149	1.22E-06	8.99E-07	0.003	(30-,2)	6	1	5	5	1	4	32
9872.222	1.36E-07	5.32E-08	-0.002	(30+,2)	6	2	5	5	1	4	32
9872.354	6.99E-07	2.47E-07	-0.003	(30-,2)	9	0	9	8	0	8	32
		7.41E-07	-0.003	(30-,2)	9	1	9	8	1	8	32
9872.532	1.70E-07	2.98E-08	0.020	(30-,2)	6	6	0	6	4	3	32
		9.41E-08	0.002	(40+,0)	5	3	2	5	4	1	34
		4.76E-08	-0.006	(30-,2)	9	2	8	9	0	9	32
		1.58E-08	-0.007	(30-,2)	9	1	8	9	1	9	32
9872.637	1.33E-07	1.06E-07	0.007	(30+,2)	9	1	8	9	0	9	32
		3.54E-08	0.007	(30+,2)	9	2	8	9	1	9	32
9872.862	2.25E-07	2.77E-07	-0.001	(30-,2)	4	3	1	3	3	0	32
9873.096	9.60E-07	4.36E-07	-0.002	(40-,0)	8	7	1	8	7	2	32
9873.540	1.45E-07	8.39E-08	-0.001	(40+,0)	3	3	0	4	2	3	32
9873.631	6.60E-08	4.75E-08	-0.004	(30-,2)	10	2	8	10	2	9	32
		1.59E-08	-0.005	(30-,2)	10	3	8	10	1	9	32
9873.910	1.14E-07	6.32E-08	0.005	(30+,2)	10	3	8	10	2	9	32
		2.10E-08	0.005	(30+,2)	10	2	8	10	1	9	32
9874.085	3.80E-07	2.91E-07	-0.002	(40+,0)	1	1	0	2	2	1	32
9874.133	6.07E-07	5.76E-07	-0.002	(30+,2)	4	3	2	3	2	1	32
9874.357	1.40E-06	1.50E-06	-0.001	(40+,0)	5	4	1	5	5	0	32
9874.598	8.84E-08										
9874.902	6.90E-08	7.13E-08	0.001	(30-,2)	3	3	0	2	1	1	32
9874.998	1.40E-07	1.13E-07	0.000	(30+,2)	5	3	2	4	4	1	32
9875.141	4.88E-07	5.26E-07	0.000	(30-,2)	5	3	3	4	3	2	32
9875.357	4.74E-06	4.78E-06	-0.001	(40-,0)	2	0	2	3	0	3	32
9875.525	2.58E-06	2.29E-06	-0.002	(40-,0)	5	3	3	5	3	2	32
9875.676	2.21E-06	1.60E-06	-0.006	(40-,0)	2	1	2	3	1	3	32
9875.725	6.15E-07	5.03E-07	0.004	(40+,0)	2	1	2	3	0	3	32
9875.846	8.87E-08	4.39E-08	0.002	(40+,0)	5	3	2	6	2	5	32
9875.984	6.21E-07	1.78E-07	0.005	(30-,2)	10	1	10	9	1	9	32
		5.34E-07	0.005	(30-,2)	10	0	10	9	0	9	32

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9876.107	6.53E-08	5.69E-08	0.003	(30+,2)	3	2	1	2	1	2	32
9876.287	9.95E-08	1.41E-07	0.008	(40+,0)	4	2	3	4	3	2	32
9876.376	1.16E-07	8.28E-08	0.000	(40-,0)	7	7	1	7	7	0	34
9876.584	1.82E-07	9.93E-08	-0.004	(30+,2)	5	2	3	4	3	2	32
9876.666	3.00E-06	2.48E-06	-0.002	(40-,0)	4	1	3	4	3	2	32
9876.806	3.68E-07	3.60E-07	0.003	(40-,0)	8	8	1	8	8	0	32
9876.878	7.64E-07	1.08E-06	0.000	(40-,0)	8	8	0	8	8	1	32
9876.935	3.34E-07	2.62E-07	-0.003	(40+,0)	5	2	3	5	3	2	32
9877.205	1.03E-07										
9877.354	3.88E-08	1.22E-08	0.015	(30-,2)	10	2	9	10	0	10	32
		3.66E-08	0.015	(30-,2)	10	1	9	10	1	10	32
9877.448	9.14E-08	2.38E-08	0.006	(30+,2)	10	1	9	10	0	10	32
		7.15E-08	0.006	(30+,2)	10	2	9	10	1	10	32
9877.744	6.24E-08	2.71E-08	0.000	(40+,0)	4	3	1	4	4	0	34
9877.921	2.85E-07	2.09E-07	0.003	(40+,0)	8	7	2	8	6	3	32
9878.114	9.42E-07	1.13E-06	0.000	(40-,0)	1	1	0	2	1	1	32
9878.403	2.00E-07										
9878.459	6.77E-07	8.06E-07	-0.003	(30-,2)	7	2	6	6	2	5	32
		2.68E-07	-0.008	(30-,2)	7	1	6	6	1	5	32
9878.553	1.12E-07	1.42E-08	-0.001	(30+,2)	7	1	6	6	2	5	32
9878.643	6.79E-07	7.51E-07	-0.001	(40-,0)	7	6	2	7	6	1	32
9878.737	1.36E-07	1.33E-08	0.008	(30+,2)	11	3	9	11	2	10	32
		3.99E-08	0.007	(30+,2)	11	2	9	11	1	10	32
		1.61E-08	-0.002	(40-,0)	9	6	3	9	6	4	32
		6.01E-08	-0.032	(30+,2)	5	3	3	4	2	2	32
9878.891	6.96E-08	2.79E-08	0.000	(40+,0)	3	2	2	3	3	1	34
9878.980	4.94E-07	3.64E-07	0.005	(30-,2)	11	1	11	10	1	10	32
		1.21E-07	0.005	(30-,2)	11	0	11	10	0	10	32
9879.117	1.86E-06	1.91E-06	-0.003	(40+,0)	4	3	2	4	4	1	32
9879.404	2.15E-07	1.56E-07	-0.002	(40-,0)	1	1	1	2	1	2	34
9879.729	2.11E-07										
9879.915	9.22E-07	8.21E-07	0.000	(40-,0)	4	2	3	4	2	2	32
9879.987	2.37E-07	3.76E-08	0.000	(40+,0)	4	2	2	4	3	1	34
9880.107	2.48E-06	2.17E-06	-0.002	(40+,0)	5	3	2	5	4	1	32
9880.197	2.66E-07	2.00E-07	0.000	(30-,2)	5	2	3	4	2	2	32
9880.299	1.34E-07	9.72E-08	0.003	(40+,0)	4	1	3	4	2	2	32
9880.575	5.84E-08	2.99E-08	0.000	(30+,2)	4	4	1	3	3	0	34
9881.149	1.84E-07	2.50E-08	0.021	(20-,4)	8	4	4	7	2	5	32
		5.69E-08	0.000	(40-,0)	5	4	2	5	4	1	34
9881.355	2.59E-07	7.90E-08	0.004	(30-,2)	12	1	12	11	1	11	32
		2.37E-07	0.004	(30-,2)	12	0	12	11	0	11	32
9881.430	5.84E-08	3.24E-08	0.006	(30+,2)	12	1	12	11	0	11	32
		1.08E-08	0.006	(30+,2)	12	0	12	11	1	11	32
9881.641	5.84E-08	4.38E-08	0.006	(30+,2)	11	1	10	11	0	11	32
		1.46E-08	0.006	(30+,2)	11	2	10	11	1	11	32
9881.799	5.84E-08										
9881.969	6.57E-08	5.23E-08	0.002	(40+,0)	3	1	3	3	2	2	32
9882.041	4.67E-07	6.49E-07	0.014	(40-,0)	3	0	3	3	2	2	32
9882.361	3.52E-07	2.98E-07	0.006	(40-,0)	7	6	1	7	6	2	32
9882.946	6.57E-08	9.51E-09	0.002	(40+,0)	10	7	4	10	6	5	32
9883.010	1.88E-07	1.37E-07	0.000	(40-,0)	6	6	0	6	6	1	34
		2.44E-08	-0.006	(30+,2)	12	3	10	12	2	11	32
9883.095	1.84E-07	1.48E-07	0.000	(30-,2)	13	1	13	12	1	12	32
		4.94E-08	0.000	(30-,2)	13	0	13	12	0	12	32
9883.305	1.96E-06	1.86E-06	0.000	(40-,0)	3	1	3	3	1	2	32
9883.356	6.30E-07	2.79E-07	-0.005	(40+,0)	3	0	3	3	1	2	32
9883.779	1.30E-06	1.98E-06	0.001	(40-,0)	7	7	1	7	7	0	32
9883.960	1.15E-06	6.65E-07	0.003	(40-,0)	7	7	0	7	7	1	32
		1.78E-07	-0.003	(30-,2)	8	2	7	7	2	6	32
		5.71E-07	-0.005	(30-,2)	8	1	7	7	1	6	32
9884.305	7.30E-08	9.94E-08	0.029	(30-,2)	5	4	2	4	4	1	32
		1.70E-08	0.022	(30+,2)	14	1	14	13	0	13	32
9884.379	1.53E-07	6.24E-08	0.003	(40+,0)	2	1	2	2	2	1	34
9884.558	3.36E-07	3.80E-07	0.006	(40-,0)	6	5	2	6	5	1	32
9884.714	1.39E-07	1.24E-08	0.013	(40+,0)	5	4	2	6	1	5	32
		1.80E-08	0.000	(30-,2)	15	0	15	14	0	14	32
		5.41E-08	0.000	(30-,2)	15	1	15	14	1	14	32
		1.88E-08	-0.004	(30+,2)	8	1	7	7	2	6	32

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9884.831	7.30E-08	7.06E-08	-0.031 (40-,0)	3	1	2	3	3	1	32
		2.15E-07	0.015 (30-,2)	6	3	4	5	3	3	32
		1.06E-08	0.001 (30-,2)	8	7	1	8	5	4	32
9885.027	1.63E-07	1.09E-07	0.012 (40+,0)	3	1	2	3	2	1	34
9885.171	4.69E-07	6.21E-07	0.000 (40+,0)	4	3	1	4	4	0	32
9885.841	1.60E-06	1.36E-06	-0.004 (40-,0)	1	0	1	2	0	2	32
9886.182	6.81E-07	5.68E-07	-0.013 (30-,2)	6	2	4	5	2	3	32
9886.432	5.97E-07	6.43E-07	0.001 (40+,0)	3	2	2	3	3	1	32
		9.26E-08	0.000 (40+,0)	3	2	1	3	3	0	34
9887.072	3.72E-06	3.70E-06	0.000 (40-,0)	1	1	1	2	1	2	32
9887.641	8.98E-07	8.72E-07	-0.008 (40+,0)	4	2	2	4	3	1	32
9887.923	2.80E-07	1.91E-07	0.005 (40-,0)	5	5	1	5	5	0	34
9887.981	8.76E-08	9.67E-08	0.002 (30-,2)	5	3	2	4	3	1	32
		1.09E-08	0.001 (40-,0)	9	3	7	8	5	4	32
		1.35E-08	-0.014 (30+,2)	7	7	0	7	4	3	32
9888.762	5.21E-07	7.02E-07	0.007 (30+,2)	4	4	1	3	3	0	32
9888.954	9.74E-07	1.42E-06	-0.001 (40-,0)	5	4	2	5	4	1	32
9889.296	4.68E-07	4.94E-07	0.006 (30-,2)	9	2	8	8	2	7	32
		1.64E-07	0.005 (30-,2)	9	1	8	8	1	7	32
9889.446	5.80E-08									
9889.584	5.80E-08	1.08E-07	0.000 (40-,0)	0	0	0	1	0	1	34
9890.078	8.35E-07	1.07E-06	0.002 (40-,0)	6	6	1	6	6	0	32
9890.487	2.78E-06	3.28E-06	0.000 (40-,0)	6	6	0	6	6	1	32
9890.580	3.21E-07	1.59E-07	-0.003 (40-,0)	7	5	2	7	5	3	32
9890.982	6.96E-08	1.97E-08	0.027 (40-,0)	10	8	3	10	8	2	32
		1.86E-08	-0.001 (30-,2)	8	2	6	7	2	5	34
9891.120	4.64E-08	3.48E-08	0.000 (40-,0)	5	5	1	5	5	0	33
9891.290	1.34E-06	1.54E-06	-0.003 (40-,0)	6	5	1	6	5	2	32
9891.620	3.98E-07	3.71E-07	0.000 (40-,0)	2	0	2	2	2	1	32
9891.728	1.17E-07	9.67E-08	0.003 (30-,2)	6	4	3	5	4	2	32
9891.844	2.47E-07	2.03E-07	0.000 (30+,2)	4	4	0	3	3	1	32
9891.981	1.56E-06	1.43E-06	-0.002 (40+,0)	2	1	2	2	2	1	32
9892.127	5.43E-07	4.94E-07	-0.001 (40-,0)	4	3	2	4	3	1	32
9892.388	7.59E-07	5.79E-07	-0.006 (30-,2)	7	3	5	6	3	4	32
9892.710	3.03E-06	2.54E-06	-0.001 (40+,0)	3	1	2	3	2	1	32
9892.929	5.80E-08									
9893.795	4.22E-07	1.16E-07	-0.003 (30-,2)	10	2	9	9	2	8	32
		3.50E-07	-0.003 (30-,2)	10	1	9	9	1	8	32
9893.977	2.43E-06	2.13E-06	-0.009 (40+,0)	3	2	1	3	3	0	32
9894.173	4.08E-07	2.52E-07	0.003 (40-,0)	4	4	0	4	4	1	34
9894.215	3.69E-07	1.58E-07	-0.003 (40+,0)	8	6	3	8	5	4	32
9894.312	3.40E-07									
9894.400	1.00E-06	1.30E-06	-0.008 (40-,0)	3	2	2	3	2	1	32
9894.618	8.68E-08	2.60E-08	-0.006 (40-,0)	2	2	0	3	0	3	32
9894.976	1.40E-07	3.61E-08	0.008 (40-,0)	6	4	2	6	4	3	34
9895.197	2.48E-07	2.38E-07	-0.001 (30-,2)	4	3	1	3	1	2	32
9895.301	3.28E-07	2.31E-07	0.000 (40-,0)	3	3	1	3	3	0	34
9895.498	3.47E-06	4.59E-06	0.001 (40-,0)	5	5	1	5	5	0	32
9895.646	6.67E-07	5.67E-07	0.004 (40+,0)	2	0	2	2	1	1	32
9895.806	1.13E-07									
9895.933	2.23E-07	9.69E-08	0.000 (40+,0)	0	0	0	1	1	1	32
9896.017	4.12E-07	2.88E-07	0.010 (40-,0)	2	1	2	2	1	1	32
9896.126	1.44E-07									
9896.413	1.29E-06	1.59E-06	0.002 (40-,0)	5	5	0	5	5	1	32
9896.800	1.39E-07	6.74E-08	0.000 (40+,0)	1	0	1	1	1	0	34
9897.277	2.37E-06	2.57E-06	0.000 (40-,0)	0	0	0	1	0	1	32
9897.710	3.72E-07	2.35E-07	0.005 (30-,2)	11	2	10	10	2	9	32
		7.84E-08	0.005 (30-,2)	11	1	10	10	1	9	32
9898.299	2.72E-07	1.17E-07	0.002 (40-,0)	1	1	1	1	1	0	34
9898.398	3.43E-07									
9898.534	2.45E-07									
9899.023	4.80E-07	1.47E-07	0.004 (30-,2)	8	3	6	7	3	5	32
		8.95E-08	0.000 (40-,0)	3	3	0	3	3	1	34
9899.075	5.56E-07	4.31E-07	0.005 (30-,2)	8	2	6	7	2	5	32
		1.51E-07	-0.021 (30+,2)	6	4	3	5	3	2	32
9899.610	2.37E-07									
9899.744	3.56E-07	2.20E-07	0.017 (30-,2)	4	4	0	3	2	1	32
9899.852	1.55E-06	1.85E-06	0.000 (40-,0)	4	4	1	4	4	0	32

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9899.930	5.41E-07	7.44E-07	-0.003 (40-,0)	5	4	1	5	4	2	32
9900.402	1.06E-06	1.13E-07	0.001 (40-,0)	4	3	1	4	3	2	34
		6.98E-07	0.000 (40+,0)	2	1	1	2	2	0	32
9901.014	3.58E-07	4.98E-08	0.006 (30-,2)	12	2	11	11	2	10	32
		1.49E-07	0.006 (30-,2)	12	1	11	11	1	10	32
9901.251	2.78E-07									
9901.770	5.36E-06	6.02E-06	0.001 (40-,0)	4	4	0	4	4	1	32
9902.330	1.94E-07									
9902.470	1.33E-06	8.76E-07	-0.003 (40-,0)	6	4	2	6	4	3	32
9902.918	7.06E-07	4.44E-07	0.023 (30-,2)	6	3	3	5	3	2	32
9902.992	4.76E-06	5.56E-06	-0.002 (40-,0)	3	3	1	3	3	0	32
9903.230	3.89E-07	2.33E-07	-0.002 (40-,0)	2	2	0	2	2	1	34
9903.757	4.36E-07	3.34E-07	-0.004 (30-,2)	7	4	4	6	4	3	32
9904.472	1.76E-06	1.56E-06	0.000 (40+,0)	1	0	1	1	1	0	32
9904.833	4.00E-07	3.20E-07	0.013 (30-,2)	9	3	7	8	3	6	32
		1.09E-07	0.003 (30-,2)	9	2	7	8	2	6	32
9904.952	1.31E-06	1.50E-06	-0.001 (40-,0)	2	2	1	2	2	0	32
9905.470	2.11E-07	1.96E-07	-0.033 (30-,2)	6	4	2	5	4	1	32
9905.845	1.68E-07	5.11E-08	0.000 (30-,2)	14	1	13	13	1	12	32
		1.70E-08	0.000 (30-,2)	14	2	13	13	2	12	32
9905.993	2.75E-06	2.82E-06	0.000 (40-,0)	1	1	1	1	1	0	32
9906.044	5.90E-07	1.32E-07	0.008 (30+,2)	7	4	3	6	5	2	32
9906.180	1.74E-07	4.14E-08	-0.001 (40+,0)	9	5	4	9	4	5	32
9906.466	2.05E-07	1.48E-07	0.018 (40-,0)	8	6	2	8	6	3	32
		5.15E-08	0.000 (40-,0)	1	1	0	1	1	1	34
9906.621	2.23E-06	2.13E-06	0.001 (40-,0)	3	3	0	3	3	1	32
9906.887	3.84E-07	4.29E-08	-0.003 (40-,0)	2	2	0	2	2	1	33
9907.330	1.60E-07	3.31E-08	0.034 (40+,0)	5	4	1	5	3	2	32
		3.80E-08	0.002 (40-,0)	3	2	1	3	2	2	34
9907.442	1.70E-07	1.44E-07	0.006 (40-,0)	8	5	3	8	5	4	32
9907.655	2.21E-07	1.27E-07	-0.028 (30-,2)	7	3	4	6	3	3	32
9907.999	3.37E-06	2.71E-06	0.001 (40-,0)	4	3	1	4	3	2	32
9908.761	1.43E-07	1.15E-07	0.000 (40+,0)	9	9	0	9	8	1	32
9909.599	1.05E-07	4.38E-08	0.003 (40+,0)	8	5	3	8	4	4	32
9910.122	2.94E-07	7.50E-08	0.005 (30-,2)	10	3	8	9	3	7	32
		2.25E-07	0.004 (30-,2)	10	2	8	9	2	7	32
9910.886	5.23E-06	5.54E-06	0.000 (40-,0)	2	2	0	2	2	1	32
9911.405	2.56E-07									
9911.613	5.30E-07									
9911.943	3.02E-07	5.42E-08	0.015 (40+,0)	7	6	2	7	5	3	32
		2.35E-07	0.000 (30+,2)	5	5	1	4	4	0	32
9912.036	3.73E-07	2.54E-07	0.016 (30+,2)	5	4	1	4	3	2	32
		4.84E-08	0.000 (40+,0)	8	8	0	8	7	1	32
9912.302	1.17E-07	1.07E-07	0.002 (30-,2)	8	4	5	7	4	4	32
9912.800	1.34E-07	8.36E-08	0.002 (40-,0)	2	1	1	2	1	2	34
9913.065	4.44E-07	4.50E-07	0.005 (40-,0)	5	3	2	5	3	3	32
9913.261	1.44E-07	1.79E-08	0.029 (40+,0)	5	1	4	4	4	1	32
		1.58E-07	0.000 (40+,0)	8	8	1	8	7	2	32
9913.382	2.55E-07	2.59E-07	0.000 (30-,2)	8	3	5	7	3	4	32
9913.560	1.18E-06	1.51E-07	0.031 (40+,0)	8	5	4	8	4	5	32
		6.64E-07	-0.003 (30+,2)	5	5	0	4	4	1	32
9914.163	1.36E-06	1.22E-06	0.000 (40-,0)	1	1	0	1	1	1	32
9914.595	2.58E-07	1.81E-07	0.004 (40+,0)	3	3	0	3	2	1	32
9914.895	3.83E-07	1.45E-07	0.025 (30-,2)	11	3	9	10	3	8	32
		4.84E-08	0.024 (30-,2)	11	2	9	10	2	8	32
		1.51E-07	-0.002 (40+,0)	2	2	0	2	1	1	32
9914.988	1.29E-06	9.04E-07	0.000 (40-,0)	3	2	1	3	2	2	32
9915.504	6.04E-07	5.32E-07	0.002 (40+,0)	1	1	0	1	0	1	32
9915.605	1.84E-07	9.98E-08	0.016 (30-,2)	5	4	1	4	2	2	32
		5.68E-08	-0.017 (40-,0)	7	4	3	7	4	4	32
9916.328	3.21E-07	2.17E-07	0.013 (40-,0)	8	4	4	8	4	5	32
		1.43E-07	0.006 (40+,0)	3	2	1	3	1	2	32
9916.388	3.45E-07	3.27E-07	0.000 (40+,0)	7	4	3	7	3	4	32
9916.487	1.41E-07	4.97E-08	-0.001 (40+,0)	8	4	4	8	3	5	32
		5.75E-08	0.000 (40+,0)	7	7	1	7	6	2	32
9917.029	1.78E-07	1.71E-07	0.010 (40-,0)	9	5	5	9	3	6	32
9917.147	2.68E-07	4.41E-08	-0.009 (30-,2)	7	7	1	7	3	4	32
9917.478	1.09E-07	5.52E-08	0.006 (40-,0)	3	3	1	3	1	2	34

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9917.777	1.27E-07	1.75E-08	-0.036	(40+,0)	8	6	2	8	5	3	32
		6.12E-08	0.019	(40-,0)	9	4	5	9	4	6	32
		4.49E-08	0.000	(40+,0)	9	4	5	9	3	6	32
9918.062	2.11E-07	2.00E-07	0.001	(40-,0)	7	6	2	7	4	3	32
9918.509	1.05E-07	4.03E-08	0.008	(30+,2)	7	5	3	6	4	2	32
9918.791	2.87E-07										
9918.849	1.50E-07	2.29E-08	-0.002	(40-,0)	4	3	2	4	1	3	34
9918.923	1.22E-07	2.91E-08	0.004	(30-,2)	12	3	10	11	3	9	32
		8.73E-08	0.004	(30-,2)	12	2	10	11	2	9	32
9919.030	1.69E-07	4.45E-08	0.002	(40-,0)	10	5	6	10	3	7	32
		1.45E-07	-0.005	(40+,0)	6	6	1	6	5	2	32
9919.195	1.01E-07	1.34E-07	0.001	(40-,0)	10	4	6	10	4	7	32
9919.324	1.22E-07	1.88E-07	0.002	(30-,2)	9	4	6	8	4	5	32
9919.686	1.31E-06	7.54E-07	-0.006	(40+,0)	6	4	3	6	3	4	32
9919.764	2.32E-07										
9919.927	2.25E-07	2.46E-08	0.018	(30-,2)	7	6	2	6	6	1	32
		1.83E-07	0.002	(40-,0)	6	5	2	6	3	3	32
		5.05E-08	-0.014	(40-,0)	6	4	3	6	2	4	32
9920.043	9.28E-08	1.19E-08	-0.008	(40-,0)	3	0	3	2	2	0	32
9920.139	9.28E-08	7.87E-08	0.007	(40+,0)	11	4	7	11	3	8	32
		2.70E-08	-0.019	(40+,0)	11	5	7	11	4	8	32
9920.485	2.04E-06	1.98E-06	0.002	(40-,0)	2	1	1	2	1	2	32
9920.986	7.20E-07	4.58E-07	0.004	(30+,2)	6	5	2	5	4	1	32
9921.063	1.16E-07	6.07E-08	0.001	(30-,2)	8	5	4	7	5	3	32
		2.79E-08	0.000	(40+,0)	5	5	1	5	4	2	32
9921.881	1.63E-06	1.71E-06	0.001	(40-,0)	4	2	2	4	2	3	32
9922.244	6.85E-08	4.06E-08	0.003	(30+,2)	5	3	2	4	2	3	32
9922.415	1.02E-07	4.82E-08	0.006	(30-,2)	13	3	11	12	3	10	32
		1.60E-08	0.006	(30-,2)	13	2	11	12	2	10	32
9922.493	5.87E-08	5.94E-08	0.006	(30-,2)	5	3	2	4	1	3	32
9922.606	1.06E-07	6.45E-08	0.003	(40-,0)	3	2	2	3	0	3	34
9922.706	9.59E-08	2.27E-08	0.029	(40+,0)	4	4	1	4	3	2	32
		4.84E-08	-0.005	(40+,0)	5	2	3	5	1	4	34
9922.949	9.99E-07	1.11E-06	0.000	(40-,0)	5	4	2	5	2	3	32
9923.427	2.17E-07	2.49E-07	0.005	(40-,0)	6	3	3	6	3	4	32
9923.650	2.85E-07	2.54E-07	0.004	(40+,0)	6	3	3	6	2	4	32
9923.860	5.38E-07	6.29E-07	-0.001	(40-,0)	1	0	1	0	0	0	32
9924.480	4.42E-07										
9924.576	1.38E-07										
9925.010	3.36E-07										
9925.179	3.48E-07	4.99E-08	0.032	(30-,2)	10	4	7	9	4	6	32
		1.22E-07	0.004	(40+,0)	7	4	4	7	3	5	32
		1.52E-07	-0.015	(30-,2)	10	3	7	9	3	6	32
9925.220	4.21E-07	3.20E-07	-0.001	(40-,0)	7	4	4	7	2	5	32
9925.331	2.30E-06	4.64E-07	0.026	(40-,0)	2	2	1	2	0	2	32
		1.27E-06	0.001	(40-,0)	3	3	1	3	1	2	32
		4.16E-07	-0.034	(40+,0)	1	1	1	0	0	0	32
9925.645	2.30E-07	1.41E-07	-0.003	(40+,0)	2	1	2	1	0	1	34
9925.875	8.88E-08	3.00E-09	0.000	(30+,2)	14	2	12	13	3	11	32
		9.10E-09	0.000	(30+,2)	14	3	12	13	2	11	32
9926.285	6.19E-07	3.68E-07	0.004	(40+,0)	7	3	4	7	2	5	32
		2.48E-07	-0.033	(40-,0)	4	4	1	4	2	2	32
9926.327	2.32E-07	2.48E-07	0.009	(40-,0)	4	4	1	4	2	2	32
9926.496	1.13E-07	7.81E-08	0.021	(30-,2)	5	5	0	4	3	1	32
9926.649	5.20E-07	5.42E-07	0.013	(40-,0)	4	3	2	4	1	3	32
		8.41E-08	-0.020	(30-,2)	7	4	3	6	4	2	32
9927.795	1.73E-07										
9928.441	3.29E-07	3.40E-07	0.005	(40-,0)	5	5	1	5	3	2	32
9928.621	5.51E-07	5.11E-07	0.001	(40-,0)	3	1	2	3	1	3	32
9928.996	6.53E-07	5.41E-08	0.018	(40+,0)	8	4	5	8	3	6	32
		3.85E-07	0.002	(40+,0)	5	3	3	5	2	4	32
9929.053	4.47E-07	2.13E-07	0.004	(40-,0)	5	3	3	5	1	4	32
		1.30E-07	-0.010	(40-,0)	8	4	5	8	2	6	32
9929.225	3.22E-07	4.30E-07	0.012	(40-,0)	8	3	5	8	3	6	32
9929.268	1.16E-07	3.44E-08	0.000	(40+,0)	8	3	5	8	2	6	32
9929.401	9.15E-08	2.64E-08	0.000	(40+,0)	2	1	2	1	0	1	33
9929.938	1.17E-07										
9930.143	1.98E-07	2.21E-07	0.003	(30-,2)	8	4	4	7	4	3	32

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9930.352	1.42E-06	1.53E-06	0.000	(40-,0)	3	2	2	3	0	3	32
9930.459	1.19E-06	1.17E-06	-0.002	(40+,0)	5	2	3	5	1	4	32
9930.856	1.11E-07	1.02E-07	0.006	(30+,2)	6	5	1	5	4	2	32
9931.342	2.53E-07										
9931.515	1.45E-07	4.39E-08	0.023	(40-,0)	6	6	1	6	4	2	32
		1.84E-07	-0.004	(30-,2)	5	4	2	4	2	3	32
9931.687	9.94E-07	9.85E-08	-0.002	(40-,0)	2	1	1	1	1	0	34
		9.63E-07	-0.004	(40+,0)	2	0	2	1	1	1	32
9931.878	3.98E-07	3.00E-07	0.018	(40-,0)	9	4	6	9	2	7	32
		9.75E-08	-0.028	(40-,0)	9	3	6	9	3	7	32
9932.054	4.41E-07	4.75E-07	-0.003	(40-,0)	2	1	2	1	1	1	32
9932.327	3.46E-07	2.72E-07	0.000	(40-,0)	3	1	3	2	1	2	34
9932.649	1.82E-07	9.67E-08	0.000	(40-,0)	3	0	3	2	0	2	34
9933.036	1.38E-06	1.70E-06	0.001	(40-,0)	2	0	2	1	0	1	32
9933.246	2.37E-07	1.17E-07	0.003	(40-,0)	4	1	3	3	3	0	32
9933.397	3.55E-06	3.26E-06	-0.002	(40+,0)	2	1	2	1	0	1	32
9933.748	2.22E-07										
9934.043	2.49E-07	6.74E-08	-0.001	(40+,0)	10	3	7	10	2	8	32
		1.97E-07	-0.007	(40-,0)	10	3	7	10	3	8	32
9934.451	9.28E-08	4.84E-08	0.004	(30-,2)	9	4	5	8	4	4	32
9934.699	6.42E-07	1.97E-07	0.022	(30-,2)	5	5	1	4	3	2	32
		6.54E-07	-0.002	(40+,0)	6	3	4	6	2	5	32
		1.47E-07	-0.013	(40-,0)	6	3	4	6	1	5	32
9935.023	5.07E-07	4.59E-07	0.006	(40-,0)	6	2	4	6	2	5	32
		2.19E-07	0.000	(40+,0)	6	2	4	6	1	5	32
9935.114	4.03E-07	6.04E-07	0.001	(30+,2)	6	6	1	5	5	0	32
9935.614	1.87E-07	1.83E-08	0.023	(40-,0)	8	2	6	8	2	7	34
		7.14E-08	-0.011	(40+,0)	11	3	8	11	2	9	32
		3.11E-08	-0.016	(40-,0)	11	3	8	11	3	9	32
		5.59E-08	-0.022	(40-,0)	11	4	8	11	2	9	32
9935.901	1.88E-07	1.96E-07	0.000	(30+,2)	6	6	0	5	5	1	32
9936.067	1.11E-06	1.16E-06	-0.001	(40+,0)	4	2	3	4	1	4	32
9936.154	1.85E-07	8.01E-08	0.000	(40+,0)	2	2	1	1	1	0	34
		6.42E-08	-0.006	(30-,2)	9	6	4	8	6	3	32
9936.461	5.51E-07	2.01E-07	0.003	(40-,0)	4	1	3	4	1	4	32
		3.93E-07	0.001	(40+,0)	4	1	3	4	0	4	32
9936.706	6.79E-07										
9937.122	8.34E-08	1.91E-08	-0.002	(40+,0)	13	3	10	13	2	11	32
		2.30E-08	-0.015	(40-,0)	13	4	10	13	2	11	32
		7.68E-09	-0.015	(40-,0)	13	3	10	13	3	11	32
		9.51E-08	-0.002	(40+,0)	3	1	2	2	2	1	34
9937.264	1.54E-07										
9937.426	3.79E-07										
9937.503	1.17E-07										
9937.951	1.61E-07	2.63E-07	-0.001	(30-,2)	6	5	1	5	3	2	32
9938.963	1.21E-07	1.27E-08	0.000	(40+,0)	9	2	7	9	1	8	34
		3.07E-08	-0.003	(40+,0)	6	3	4	5	4	1	32
9939.176	1.91E-07	1.03E-07	0.019	(40+,0)	7	2	5	7	1	6	32
		1.15E-07	0.002	(40-,0)	7	2	5	7	2	6	32
9939.356	5.38E-07	6.00E-08	-0.001	(40+,0)	7	3	5	7	2	6	32
		6.42E-07	-0.014	(40-,0)	7	3	5	7	1	6	32
9939.405	3.10E-06	2.37E-06	-0.001	(40-,0)	2	1	1	1	1	0	32
9939.566	4.39E-07	3.94E-07	-0.015	(40-,0)	4	0	4	3	0	3	34
		5.62E-08	0.000	(40-,0)	4	1	4	3	1	3	34
9939.742	1.45E-07	9.27E-08	0.005	(30-,2)	7	5	3	7	1	6	32
		1.06E-07	-0.005	(30-,2)	7	4	3	7	2	6	32
9939.899	2.69E-07										
9940.065	6.12E-06	6.44E-06	0.001	(40-,0)	3	1	3	2	1	2	32
9940.122	1.21E-06	8.26E-07	0.003	(40+,0)	3	0	3	2	1	2	32
9940.406	2.30E-06	2.24E-06	0.002	(40-,0)	3	0	3	2	0	2	32
9941.614	8.77E-08										
9942.287	2.03E-07										
9942.506	6.49E-07	2.28E-07	0.025	(40+,0)	5	2	4	5	1	5	32
		4.24E-07	0.014	(40-,0)	5	2	4	5	0	5	32
9942.549	6.42E-07	7.12E-07	-0.001	(40+,0)	5	1	4	5	0	5	32
		1.54E-07	-0.015	(40-,0)	5	1	4	5	1	5	32
9942.815	8.29E-08	4.49E-08	0.000	(40+,0)	3	2	2	2	1	1	34
		9.91E-09	-0.023	(40-,0)	8	7	1	8	5	4	32
9943.053	5.59E-08	5.18E-08	0.015	(40-,0)	9	7	3	9	5	4	32

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9943.307	5.79E-07	1.69E-07	0.001	(40-,0)	8	3	6	8	1	7	32
		4.54E-07	-0.002	(40-,0)	8	2	6	8	2	7	32
		1.51E-07	-0.005	(40+,0)	8	3	6	8	2	7	32
9943.675	6.74E-08										
9943.939	1.61E-06	1.86E-06	0.000	(40+,0)	2	2	1	1	1	0	32
9944.720	1.22E-07	1.11E-07	0.003	(30+,2)	7	6	2	6	5	1	32
9944.918	2.18E-06	2.19E-06	0.001	(40+,0)	3	1	2	2	2	1	32
9945.634	8.15E-08	2.33E-08	-0.004	(40+,0)	7	1	6	7	0	7	34
		8.67E-09	-0.007	(40-,0)	7	2	6	7	0	7	34
9946.101	6.00E-07	4.47E-07	0.006	(40-,0)	5	1	5	4	1	4	34
		1.48E-07	0.003	(40-,0)	5	0	5	4	0	4	34
9946.617	1.30E-06	1.10E-06	0.002	(40-,0)	3	2	2	2	2	1	32
9946.681	7.06E-07	3.28E-07	-0.004	(40+,0)	9	2	7	9	1	8	32
		8.47E-08	-0.006	(40-,0)	9	2	7	9	2	8	32
		9.48E-08	-0.010	(40-,0)	9	3	7	9	1	8	32
9946.862	8.12E-08										
9947.287	4.14E-06	2.92E-06	0.000	(40-,0)	4	1	4	3	1	3	32
		1.94E-07	0.000	(40+,0)	4	0	4	3	1	3	32
9947.334	8.68E-06	9.36E-06	0.001	(40-,0)	4	0	4	3	0	3	32
9947.768	2.51E-07	2.18E-07	-0.002	(40-,0)	4	1	3	3	1	2	34
9948.061	1.31E-07										
9948.232	9.78E-07	2.24E-07	0.002	(40-,0)	6	2	5	6	0	6	32
		4.16E-07	0.000	(40+,0)	6	2	5	6	1	6	32
		9.36E-08	-0.002	(40+,0)	6	1	5	6	0	6	32
		5.39E-07	-0.008	(40-,0)	6	1	5	6	1	6	32
9948.521	1.64E-07										
9948.811	1.38E-07	1.30E-07	0.002	(40+,0)	7	6	1	7	3	4	32
		1.54E-08	0.001	(40+,0)	7	4	4	6	5	1	32
9948.943	5.69E-07	6.27E-07	-0.002	(40-,0)	3	1	2	2	1	1	32
9949.176	2.16E-07	8.46E-08	0.014	(40+,0)	5	5	0	5	2	3	32
9949.275	3.44E-07										
9949.504	3.00E-07	1.58E-07	-0.002	(40+,0)	10	3	8	10	2	9	32
		5.87E-08	-0.002	(40+,0)	10	2	8	10	1	9	32
		1.24E-07	-0.007	(40-,0)	10	2	8	10	2	9	32
		3.56E-08	-0.008	(40-,0)	10	3	8	10	1	9	32
9949.863	2.06E-07	7.69E-08	0.003	(40-,0)	5	1	5	4	1	4	33
		2.46E-08	0.001	(40-,0)	5	0	5	4	0	4	33
		3.63E-08	-0.016	(40-,0)	7	3	4	6	5	1	32
9950.631	1.43E-06	2.00E-07	0.034	(30+,2)	8	6	3	7	5	2	32
		1.04E-06	0.000	(40+,0)	3	2	2	2	1	1	32
9950.950	2.13E-07	1.90E-07	0.003	(40+,0)	2	2	0	1	1	1	32
9951.544	5.80E-08	4.06E-08	0.000	(40-,0)	4	1	3	3	1	2	33
9951.778	2.09E-07	3.65E-08	-0.007	(40+,0)	11	3	9	11	2	10	32
		1.10E-07	-0.007	(40+,0)	11	2	9	11	1	10	32
		2.39E-08	-0.014	(40-,0)	11	2	9	11	2	10	32
		7.07E-08	-0.014	(40-,0)	11	3	9	11	1	10	32
9951.884	1.74E-07	1.69E-07	-0.007	(40-,0)	6	3	3	5	5	0	32
9952.133	6.23E-07	1.53E-07	0.004	(40-,0)	6	1	6	5	1	5	34
		4.58E-07	0.003	(40-,0)	6	0	6	5	0	5	34
9952.303	7.22E-07	8.14E-07	0.001	(40-,0)	2	2	0	1	0	1	32
9952.436	5.80E-08										
9952.657	2.98E-07	2.60E-07	0.000	(40-,0)	5	2	4	4	2	3	34
9953.009	6.39E-07	7.26E-07	-0.002	(40-,0)	3	2	1	2	2	0	32
9953.163	1.72E-07										
9953.394	6.00E-07	1.22E-07	0.001	(40-,0)	7	1	6	7	1	7	32
		1.28E-07	0.000	(40+,0)	7	2	6	7	1	7	32
		1.54E-07	-0.001	(40-,0)	7	2	6	7	0	7	32
		6.00E-07	-0.005	(40+,0)	7	1	6	7	0	7	32
9953.502	1.72E-07	2.22E-08	-0.006	(40+,0)	12	2	10	12	1	11	32
		6.68E-08	-0.006	(40+,0)	12	3	10	12	2	11	32
		1.47E-08	-0.012	(40-,0)	12	3	10	12	1	11	32
		4.43E-08	-0.013	(40-,0)	12	2	10	12	2	11	32
9953.650	1.32E-07	5.68E-08	0.016	(40+,0)	7	7	0	7	4	3	32
9953.865	1.51E-05	1.64E-06	0.008	(40-,0)	4	2	3	3	2	2	32
		1.06E-05	0.002	(40-,0)	5	1	5	4	1	4	32
		3.50E-06	-0.003	(40-,0)	5	0	5	4	0	4	32
9954.236	2.80E-07	1.56E-07	-0.004	(40+,0)	4	1	3	3	2	2	32
		3.96E-08	-0.022	(40+,0)	6	5	1	6	2	4	32

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9954.369	1.00E-07	1.25E-08	-0.001	(40+,0)	9	1	8	9	0	9	34
		3.27E-08	-0.002	(40+,0)	5	3	2	4	4	1	34
9954.548	1.78E-07	1.97E-07	0.006	(30-,2)	6	6	0	5	4	1	32
		8.36E-08	-0.003	(30+,2)	7	5	2	6	4	3	32
9954.647	1.90E-07	2.89E-08	0.000	(40+,0)	10	6	5	9	7	2	32
9954.762	1.38E-07	4.72E-08	0.004	(40+,0)	8	5	4	7	6	1	32
9954.958	4.98E-07	4.58E-07	0.001	(40+,0)	4	2	2	3	3	1	32
9955.188	5.26E-07	7.20E-08	0.020	(40-,0)	4	2	2	3	2	1	34
		5.65E-07	-0.002	(40+,0)	4	2	3	3	1	2	32
9955.578	4.88E-06	5.09E-06	-0.001	(40-,0)	4	1	3	3	1	2	32
9955.899	1.79E-07	2.46E-08	0.000	(40-,0)	6	1	6	5	1	5	33
		8.09E-08	-0.004	(40-,0)	6	0	6	5	0	5	33
9956.933	1.57E-07	6.16E-08	0.009	(40-,0)	4	3	1	3	3	0	34
9957.115	2.21E-07	7.27E-08	0.001	(30-,2)	7	5	2	6	3	3	32
9957.354	1.38E-07										
9957.647	6.23E-07	1.38E-07	0.017	(40-,0)	5	3	3	4	3	2	34
		4.47E-07	-0.001	(40-,0)	7	1	7	6	1	6	34
		1.49E-07	-0.001	(40-,0)	7	0	7	6	0	6	34
9958.028	6.72E-07	3.73E-07	-0.001	(40+,0)	8	2	7	8	1	8	32
		1.33E-07	-0.002	(40+,0)	8	1	7	8	0	8	32
		5.94E-08	-0.003	(40-,0)	8	2	7	8	0	8	32
		2.04E-07	-0.006	(40-,0)	8	1	7	8	1	8	32
9958.100	3.72E-07										
9958.183	3.63E-07	6.34E-08	0.035	(40-,0)	6	2	5	5	2	4	34
		2.60E-07	-0.004	(40-,0)	6	1	5	5	1	4	34
9958.362	2.26E-07	1.77E-07	0.001	(30+,2)	7	7	1	6	6	0	32
9958.650	4.01E-07	4.33E-07	-0.004	(30+,2)	7	7	0	6	6	1	32
9959.000	1.36E-07	5.91E-08	0.000	(40+,0)	3	3	0	2	2	1	34
9959.091	1.91E-07										
9959.442	5.70E-07	2.43E-07	0.006	(40-,0)	4	3	2	3	3	1	32
9959.516	2.24E-07	1.21E-07	-0.005	(40+,0)	4	3	2	3	2	1	34
9959.906	1.37E-05	3.63E-06	0.003	(40-,0)	6	1	6	5	1	5	32
		1.08E-05	0.000	(40-,0)	6	0	6	5	0	5	32
9960.417	6.40E-06	6.26E-06	0.000	(40-,0)	5	2	4	4	2	3	32
9960.576	3.88E-07	6.83E-08	0.014	(30-,2)	6	6	1	5	4	2	32
9960.766	2.00E-06	2.09E-06	-0.002	(40-,0)	5	1	4	4	1	3	32
9961.129	6.42E-08	5.31E-08	-0.002	(40-,0)	8	5	3	7	7	0	32
9961.421	1.56E-07	2.75E-08	0.000	(40-,0)	7	0	7	6	0	6	33
		8.26E-08	0.000	(40-,0)	7	1	7	6	1	6	33
9961.785	6.55E-07	7.49E-07	0.001	(40+,0)	5	3	2	4	4	1	32
9962.012	8.24E-07	7.79E-07	0.002	(40+,0)	3	3	1	2	2	0	32
9962.128	4.89E-07	9.72E-08	-0.005	(40+,0)	9	2	8	9	1	9	32
		2.94E-07	-0.005	(40+,0)	9	1	8	9	0	9	32
		1.29E-07	-0.009	(40-,0)	9	2	8	9	0	9	32
		4.39E-08	-0.010	(40-,0)	9	1	8	9	1	9	32
9962.450	1.12E-07	5.08E-08	0.000	(40-,0)	5	2	3	4	2	2	34
9962.651	5.43E-07	4.02E-07	0.001	(40-,0)	8	0	8	7	0	7	34
		1.34E-07	0.000	(40-,0)	8	1	8	7	1	7	34
9962.932	1.51E-06	1.35E-07	0.028	(30+,2)	6	3	4	5	0	5	32
		1.78E-06	0.001	(40-,0)	4	2	2	3	2	1	32
9963.194	8.54E-08	3.20E-08	-0.001	(30-,2)	6	2	4	5	0	5	32
		5.16E-08	-0.037	(30+,2)	6	2	4	5	1	5	32
9963.635	1.13E-07										
9963.839	5.74E-08										
9964.155	1.18E-07	5.44E-08	0.000	(40-,0)	6	3	4	5	3	3	34
9964.392	8.32E-08	2.05E-08	0.000	(30-,2)	11	7	5	10	7	4	32
9964.571	1.45E-06	1.48E-06	-0.002	(40-,0)	4	3	1	3	3	0	32
9965.300	2.70E-06	3.22E-06	0.001	(40-,0)	5	3	3	4	3	2	32
9965.432	1.29E-05	1.05E-05	0.001	(40-,0)	7	1	7	6	1	6	32
		3.53E-06	0.001	(40-,0)	7	0	7	6	0	6	32
9965.706	3.65E-07	7.03E-08	0.006	(40+,0)	10	1	9	10	0	10	32
		2.10E-07	0.006	(40+,0)	10	2	9	10	1	10	32
		8.64E-08	-0.003	(40-,0)	10	1	9	10	1	10	32
		1.24E-07	-0.029	(40+,0)	6	4	2	5	5	1	32
9965.911	2.09E-06	1.87E-06	0.001	(40-,0)	6	2	5	5	2	4	32
		2.97E-07	-0.003	(40+,0)	6	1	5	5	2	4	32
9965.969	5.70E-06	6.17E-06	0.001	(40-,0)	6	1	5	5	1	4	32
9966.318	1.28E-07										

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9966.434	1.30E-07	2.48E-08	0.000	(40-,0)	8	1	8	7	1	7	33
		7.44E-08	0.000	(40-,0)	8	0	8	7	0	7	33
9966.543	2.47E-07										
9966.597	2.43E-07										
9966.729	4.28E-07	2.59E-07	0.018	(40+,0)	5	2	3	4	3	2	32
9966.796	1.58E-06	1.40E-06	-0.002	(40+,0)	3	3	0	2	2	1	32
9967.147	1.26E-06	3.40E-07	0.022	(40-,0)	9	1	9	8	1	8	34
		1.13E-07	0.022	(40-,0)	9	0	9	8	0	8	34
9967.315	1.40E-06	2.24E-07	0.012	(40-,0)	8	1	7	7	1	6	34
9967.412	2.88E-06	2.83E-06	-0.001	(40+,0)	4	3	2	3	2	1	32
9967.803	8.49E-08	1.13E-08	0.016	(40-,0)	4	3	1	4	1	4	32
9967.926	1.37E-07										
9968.282	2.12E-07	2.31E-07	0.018	(30+,2)	8	7	2	7	6	1	32
9968.483	9.38E-08	7.14E-08	0.012	(40+,0)	7	5	2	7	2	5	32
9968.754	3.32E-07	5.58E-08	0.013	(40-,0)	11	2	10	11	0	11	32
		1.43E-07	0.000	(40+,0)	11	1	10	11	0	11	32
		4.78E-08	0.000	(40+,0)	11	2	10	11	1	11	32
		1.29E-07	-0.025	(40-,0)	7	3	5	6	3	4	34
9968.809	3.85E-07										
9968.951	2.52E-07	1.66E-07	0.028	(40+,0)	5	3	3	4	2	2	32
		3.13E-08	0.000	(40+,0)	7	2	5	6	3	4	34
9969.186	5.80E-08	3.46E-08	0.000	(40-,0)	7	2	5	6	2	4	34
9969.619	8.97E-08										
9969.722	1.57E-07										
9969.876	9.16E-08										
9970.336	1.51E-06	1.19E-06	-0.011	(40-,0)	5	2	3	4	2	2	32
9970.434	1.14E-05	9.52E-06	-0.001	(40-,0)	8	0	8	7	0	7	32
		3.17E-06	-0.002	(40-,0)	8	1	8	7	1	7	32
9970.476	1.68E-06										
9970.648	5.50E-07	3.86E-07	0.017	(40-,0)	5	4	2	4	4	1	32
9970.769	7.43E-06	5.95E-06	0.007	(40-,0)	7	2	6	6	2	5	32
		1.96E-06	0.000	(40-,0)	7	1	6	6	1	5	32
9970.807	1.66E-06	3.58E-07	-0.012	(40-,0)	3	3	0	2	1	1	32
9971.086	6.67E-07	1.84E-07	-0.008	(40-,0)	9	2	8	8	2	7	34
		6.14E-08	-0.008	(40-,0)	9	1	8	8	1	7	34
		9.02E-08	-0.010	(40-,0)	10	1	10	9	1	9	34
		2.70E-07	-0.010	(40-,0)	10	0	10	9	0	9	34
9971.238	3.40E-07	9.20E-08	0.000	(40+,0)	12	2	11	12	1	12	32
		3.06E-08	0.000	(40+,0)	12	1	11	12	0	12	32
		3.57E-08	-0.003	(40-,0)	12	1	11	12	1	12	32
9971.390	2.08E-07	1.09E-07	0.000	(40+,0)	4	4	1	3	3	0	34
		3.43E-08	0.000	(40-,0)	7	5	3	6	5	2	34
9971.535	5.80E-08	6.09E-08	0.000	(30+,2)	8	7	1	7	6	2	32
9971.914	1.01E-06	1.29E-06	0.000	(40-,0)	6	3	4	5	3	3	32
9972.364	1.47E-07										
9972.539	1.56E-07	1.62E-08	0.012	(40+,0)	8	3	6	7	2	5	34
		1.12E-07	0.010	(40-,0)	8	2	6	7	2	5	34
9972.680	1.29E-07										
9972.814	1.59E-07										
9973.089	1.70E-07	1.38E-07	0.009	(40+,0)	3	2	1	2	1	2	32
9973.275	3.52E-06	3.89E-06	-0.001	(40-,0)	6	2	4	5	2	3	32
9973.370	3.48E-07	1.94E-07	0.006	(40-,0)	3	2	1	2	0	2	32
9973.643	1.98E-07	8.71E-08	0.009	(40-,0)	7	4	4	6	4	3	34
9973.754	5.21E-07	5.84E-07	0.001	(40-,0)	6	4	3	5	4	2	32
9973.957	5.80E-08										
9974.253	2.64E-07	2.49E-07	0.016	(40-,0)	5	4	1	4	4	0	32
9974.384	2.27E-07	1.42E-07	0.007	(40-,0)	10	1	9	9	1	8	34
		4.74E-08	0.000	(40-,0)	10	2	9	9	2	8	34
9974.516	3.54E-07	2.03E-07	0.000	(40-,0)	11	1	11	10	1	10	34
		6.78E-08	0.000	(40-,0)	11	0	11	10	0	10	34
9974.624	1.21E-07	3.25E-08	0.003	(40+,0)	14	2	13	14	1	14	32
		1.08E-08	0.003	(40+,0)	14	1	13	14	0	14	32
		1.29E-08	-0.011	(40-,0)	14	1	13	14	1	14	32
9974.823	7.27E-07	4.49E-07	0.019	(40-,0)	5	3	2	4	3	1	32
9974.914	9.25E-06	8.04E-06	0.003	(40-,0)	9	1	9	8	1	8	32
		2.68E-06	0.003	(40-,0)	9	0	9	8	0	8	32
9975.092	5.98E-06	1.77E-06	0.007	(40-,0)	8	2	7	7	2	6	32
		5.31E-06	0.002	(40-,0)	8	1	7	7	1	6	32

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9975.619	1.95E-07	1.02E-07	0.009	(40-,0)	9	3	7	8	3	6	34
		3.34E-08	0.000	(40-,0)	9	2	7	8	2	6	34
9975.692	1.74E-07	3.38E-08	0.000	(40+,0)	5	4	2	4	3	1	34
9976.366	4.99E-07	1.02E-07	0.003	(40+,0)	7	2	5	6	3	4	32
9976.574	1.96E-06	3.06E-06	0.000	(40-,0)	7	3	5	6	3	4	32
		5.52E-07	-0.035	(40-,0)	7	2	5	6	2	4	32
9976.788	5.78E-07	2.17E-07	-0.004	(40+,0)	7	3	5	6	2	4	32
		9.80E-08	0.000	(40-,0)	6	3	3	5	3	2	34
9976.938	7.76E-07	6.43E-07	-0.005	(30-,2)	7	5	3	6	3	4	32
9977.121	3.00E-07	2.13E-07	0.002	(30-,2)	7	6	2	6	4	3	32
		1.03E-07	0.000	(40-,0)	11	2	10	10	2	9	34
		3.45E-08	0.000	(40-,0)	11	1	10	10	1	9	34
9977.178	4.09E-07	4.35E-07	-0.004	(30-,2)	7	4	3	6	2	4	32
9977.397	2.52E-07	5.99E-08	0.016	(30-,2)	10	6	4	9	6	3	32
		4.83E-08	0.000	(40-,0)	12	1	12	11	1	11	34
		1.44E-07	0.000	(40-,0)	12	0	12	11	0	11	34
9978.189	1.63E-07	2.56E-08	-0.007	(40-,0)	10	3	8	9	3	7	34
		7.68E-08	-0.008	(40-,0)	10	2	8	9	2	7	34
9978.271	1.03E-07	3.78E-08	0.000	(40-,0)	11	1	11	10	1	10	33
		1.26E-08	0.000	(40-,0)	11	0	11	10	0	10	33
9978.515	1.49E-07	6.39E-06	0.008	(40-,0)	10	0	10	9	0	9	32
9978.877	1.45E-05	2.13E-06	0.008	(40-,0)	10	1	10	9	1	9	32
		4.36E-06	-0.012	(40-,0)	9	2	8	8	2	7	32
		1.45E-06	-0.013	(40-,0)	9	1	8	8	1	7	32
9979.255	2.09E-06	2.56E-06	0.004	(40+,0)	4	4	1	3	3	0	32
9979.522	1.33E-07	1.03E-07	-0.001	(40+,0)	9	6	3	8	7	2	32
9979.708	1.28E-07	9.77E-08	0.000	(40-,0)	13	1	13	12	1	12	34
9979.769	2.04E-07	3.26E-08	0.000	(40-,0)	13	0	13	12	0	12	34
9980.271	8.88E-07	2.58E-07	-0.004	(40+,0)	8	2	6	7	3	5	32
		7.55E-07	-0.007	(40-,0)	8	3	6	7	3	5	32
9980.331	2.70E-06	2.58E-06	0.005	(40-,0)	8	2	6	7	2	5	32
		4.72E-07	0.002	(40+,0)	8	3	6	7	2	5	32
9980.586	1.57E-07	3.59E-08	0.001	(40-,0)	9	4	6	8	4	5	34
		1.08E-07	-0.004	(40-,0)	8	6	3	7	6	2	32
9980.785	1.11E-07	1.38E-08	0.000	(40-,0)	9	3	6	8	3	5	34
9980.939	2.71E-07	4.21E-07	0.003	(40+,0)	6	4	3	5	3	2	32
9981.103	5.13E-07	2.07E-06	-0.003	(40-,0)	7	4	4	6	4	3	32
9981.329	2.25E-06	5.26E-08	0.000	(30+,2)	7	4	4	6	1	5	32
9981.410	2.32E-07	2.08E-08	0.000	(40-,0)	14	1	14	13	1	13	34
9981.572	1.09E-07	6.26E-08	0.000	(40-,0)	14	0	14	13	0	13	34
9981.624	1.79E-07	2.78E-07	0.000	(30+,2)	8	8	1	7	7	0	32
9981.688	3.11E-07	3.48E-08	0.011	(40+,0)	6	6	1	6	3	4	32
9981.785	1.78E-07	3.62E-08	0.000	(40-,0)	12	2	10	11	2	9	34
9981.852	8.12E-08	9.25E-08	0.000	(30+,2)	8	8	0	7	7	1	32
9982.082	9.30E-07	6.90E-07	0.000	(40+,0)	4	4	0	3	3	1	32
		3.77E-07	-0.007	(40-,0)	3	3	1	2	1	2	32
9982.167	4.36E-06	1.12E-06	-0.001	(40-,0)	10	2	9	9	2	8	32
		3.36E-06	-0.001	(40-,0)	10	1	9	9	1	8	32
9982.297	5.23E-06	4.81E-06	-0.003	(40-,0)	11	1	11	10	1	10	32
		1.60E-06	-0.003	(40-,0)	11	0	11	10	0	10	32
9982.502	2.85E-07	2.71E-07	0.002	(40-,0)	6	5	1	5	5	0	32
9982.605	1.70E-07	1.64E-07	-0.032	(30+,2)	7	3	4	6	2	5	32
9982.829	1.54E-07	2.28E-08	0.000	(40-,0)	13	3	11	12	3	10	34
9983.160	1.13E-07	6.03E-08	0.009	(30-,2)	7	7	0	6	5	1	32
9983.410	2.83E-06	2.38E-06	0.003	(40-,0)	9	3	7	8	3	6	32
		7.61E-07	-0.002	(40-,0)	9	2	7	8	2	6	32
9983.643	8.36E-07	7.93E-07	-0.004	(40+,0)	5	4	2	4	3	1	32
9983.940	1.59E-07	1.28E-07	-0.009	(30-,2)	8	5	3	7	3	4	32
9984.378	2.54E-07	7.69E-07	-0.002	(40-,0)	6	4	2	5	4	1	32
9984.499	5.40E-07	2.31E-06	-0.008	(40-,0)	6	3	3	5	3	2	32
9984.821	2.32E-06	2.44E-06	0.002	(40-,0)	11	2	10	10	2	9	32
9984.918	2.65E-06	8.15E-07	0.002	(40-,0)	11	1	10	10	1	9	32
9985.197	3.94E-06	1.14E-06	0.000	(40-,0)	12	1	12	11	1	11	32

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9985.581	1.86E-07	3.42E-06	0.000	(40-,0)	12	0	12	11	0	11	32
9985.704	5.04E-07	1.45E-07	0.000	(40+,0)	4	3	1	3	2	2	32
9985.998	2.35E-06	5.14E-07	0.021	(40-,0)	8	4	5	7	4	4	32
		6.06E-07	0.003	(40-,0)	10	3	8	9	3	7	32
		1.80E-06	0.003	(40-,0)	10	2	8	9	2	7	32
9986.200	1.58E-07	8.90E-08	0.017	(40+,0)	7	4	3	6	5	2	32
9986.400	1.49E-07	2.68E-07	0.005	(40+,0)	8	4	5	7	3	4	32
9986.634	1.51E-06	1.03E-06	0.004	(40-,0)	8	3	5	7	3	4	32
9986.837	5.64E-07	4.96E-07	0.024	(11+,4)	8	6	3	7	3	4	32
9986.909	1.20E-06	1.16E-06	0.000	(40-,0)	4	3	1	3	1	2	32
9987.141	1.99E-06	5.61E-07	0.000	(40-,0)	12	2	11	11	2	10	32
		1.68E-06	0.000	(40-,0)	12	1	11	11	1	10	32
9987.566	2.97E-06	7.69E-07	-0.002	(40-,0)	13	0	13	12	0	12	32
		2.30E-06	-0.002	(40-,0)	13	1	13	12	1	12	32
9987.736	2.57E-07	3.14E-07	0.035	(40-,0)	8	5	4	7	5	3	32
9988.067	1.66E-06	1.28E-06	0.001	(40-,0)	11	3	9	10	3	8	32
		4.26E-07	0.000	(40-,0)	11	2	9	10	2	8	32
9988.394	6.89E-07	9.44E-07	0.002	(40-,0)	9	4	6	8	4	5	32
9988.644	4.10E-07	3.34E-07	0.020	(40-,0)	9	3	6	8	3	5	32
9988.837	1.27E-06	3.65E-07	-0.001	(40-,0)	13	1	12	12	1	11	32
		1.09E-06	-0.001	(40-,0)	13	2	12	12	2	11	32
9989.012	5.80E-08	9.53E-08	0.000	(40+,0)	5	5	0	4	4	1	34
9989.402	1.63E-06	1.47E-06	0.000	(40-,0)	14	0	14	13	0	13	32
		4.92E-07	0.000	(40-,0)	14	1	14	13	1	13	32
9989.612	1.65E-06	2.84E-07	0.005	(40-,0)	12	3	10	11	3	9	32
		8.53E-07	0.004	(40-,0)	12	2	10	11	2	9	32
9990.001	6.50E-07	6.77E-07	-0.007	(40-,0)	14	1	13	13	1	12	32
		2.25E-07	-0.007	(40-,0)	14	2	13	13	2	12	32
9990.060	1.24E-06	1.02E-06	-0.003	(40-,0)	4	4	0	3	2	1	32
9990.411	1.07E-06	3.75E-07	0.002	(40+,0)	10	4	7	9	3	6	32
		6.33E-07	-0.003	(40-,0)	10	3	7	9	3	6	32
9990.631	1.17E-06	1.79E-07	0.000	(40-,0)	13	2	11	12	2	10	32
		5.38E-07	0.000	(40-,0)	13	3	11	12	3	10	32
		3.96E-07	-0.008	(40-,0)	15	2	14	14	2	13	32
		1.32E-07	-0.013	(40-,0)	15	1	14	14	1	13	32
9990.701	1.57E-06	8.99E-07	0.000	(40-,0)	15	1	15	14	1	14	32
		2.99E-07	0.000	(40-,0)	15	0	15	14	0	14	32
		2.20E-07	-0.036	(40-,0)	16	1	15	15	1	14	32
9991.119	4.69E-07	6.05E-08	0.000	(40-,0)	15	2	13	14	2	12	32
		3.21E-07	0.000	(40-,0)	14	2	12	13	2	11	32
		1.07E-07	0.000	(40-,0)	14	3	12	13	3	11	32
		1.81E-07	0.000	(40-,0)	15	3	13	14	3	12	32
9991.278	3.10E-07	9.83E-08	0.020	(40+,0)	7	5	3	6	4	2	32
		1.49E-07	0.000	(40+,0)	18	0	18	17	1	17	32
		4.98E-08	0.000	(40+,0)	18	1	18	17	0	17	32
9991.390	2.98E-07	1.73E-07	0.000	(40-,0)	16	1	16	15	1	15	32
9991.478	5.55E-07	5.19E-07	0.000	(40-,0)	16	0	16	15	0	15	32
9991.766	8.16E-07	2.22E-07	0.024	(40-,0)	9	6	4	8	6	3	32
		6.88E-07	0.001	(40-,0)	11	4	8	10	4	7	32
		2.04E-07	-0.002	(40-,0)	11	3	8	10	3	7	32
9992.091	3.85E-07	9.96E-08	0.026	(40-,0)	7	5	2	6	5	1	32
9992.655	6.05E-07	1.44E-07	0.020	(40-,0)	12	4	9	11	4	8	32
		4.29E-07	0.013	(40-,0)	12	3	9	11	3	8	32
9992.780	1.11E-06	6.76E-07	-0.004	(40-,0)	9	5	5	8	5	4	32
9992.853	6.06E-07	5.22E-08	-0.006	(40-,0)	14	4	11	13	4	10	32
		1.56E-07	-0.007	(40-,0)	14	3	11	13	3	10	32
9993.007	5.88E-07	2.68E-07	0.001	(40-,0)	13	4	10	12	4	9	32
		8.94E-08	0.000	(40-,0)	13	3	10	12	3	9	32
9994.168	4.71E-07	1.18E-07	-0.006	(40-,0)	10	5	6	9	5	5	32
9995.011	3.69E-07	8.21E-07	0.005	(40+,0)	5	5	1	4	4	0	32
9995.372	9.71E-07	6.37E-07									
9995.491	6.37E-07	2.44E-07	0.003	(40-,0)	9	4	5	8	4	4	32
9995.726	4.98E-07	3.62E-07	-0.002	(40-,0)	10	4	6	9	4	5	32
9995.797	6.24E-07	1.13E-07	0.008	(40+,0)	11	4	7	10	5	6	32
9996.000	5.57E-07										

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		2.65E-07	0.004	(40-,0)	11	5	7	10	5	6	32
		1.32E-07	-0.027	(40-,0)	13	5	9	12	5	8	32
9996.305	3.75E-07	1.19E-07	0.003	(40-,0)	12	4	8	11	4	7	32
		1.18E-07	0.000	(40+,0)	12	5	8	11	4	7	32
9996.850	2.19E-06	2.24E-06	0.005	(40+,0)	5	5	0	4	4	1	32
9996.957	8.03E-07	1.03E-06	-0.004	(40-,0)	8	4	4	7	4	3	32
9997.068	1.25E-06	7.97E-07	0.001	(40+,0)	5	4	1	4	3	2	32
9997.656	5.26E-07	8.30E-08	0.005	(40-,0)	10	6	5	9	6	4	32
9998.865	1.02E-06	4.41E-07	0.004	(40-,0)	7	4	3	6	4	2	32
		4.04E-07	-0.010	(40-,0)	4	2	2	3	0	3	32
9999.095	1.46E-06	1.82E-06	-0.002	(40+,0)	6	5	2	5	4	1	32
9999.512	5.22E-07										
9999.995	4.51E-07	1.16E-07	0.008	(40-,0)	11	6	6	10	6	5	32
10000.264	5.88E-07	2.26E-07	0.002	(40-,0)	4	4	1	3	2	2	32
10000.369	6.24E-07										
10000.549	7.48E-07	9.23E-08	0.000	(40+,0)	11	5	6	10	6	5	32
10000.707	6.43E-07	4.72E-07	0.004	(40-,0)	5	4	1	4	2	2	32
10000.928	5.05E-07	4.88E-08	0.017	(40+,0)	12	6	7	11	5	6	32
10001.522	5.39E-07										
10001.640	5.65E-07										