avrora	0.318	objs.squashed	50000000	dead-32K
fop	0.262	objs.squashed	50000000	dead-32K
lusearch	0.059	objs.squashed	50000000	dead-32K
pmd	0.178	objs.squashed	49999999	dead-32K
sunflow	0.285	objs.squashed	50000000	dead-32K
xalan	0.283	objs.squashed	49762901	dead-32K
avrora	0.426	objs.squashed	50000000	512K
fop	0.442	objs.squashed	50000000	512K
lusearch	0.79	objs.squashed	50000000	512K
pmd	0.335	objs.squashed	49999999	512K
sunflow	0.518	objs.squashed	50000000	512K
xalan	0.469	objs.squashed	49762901	512K

Dead bytes squashed

Benchmark	32K	512K
avrora	0.318	0.426
fop	0.262	0.442
lusearch	0.059	0.79
pmd	0.178	0.335
sunflow	0.285	0.518
xalan	0.283	0.469
Average	0.231	0.497

avrora	0.228	recycled.objs	50000000	recycle-32K						
fop	0.238	recycled.objs	50000000	recycle-32K						
lusearch	0.124	recycled.objs	50000000	recycle-32K						
pmd	0.221	recycled.objs	49999999	recycle-32K						
sunflow	0.56	recycled.objs	50000000	recycle-32K						
xalan	0.29	recycled.objs	49762901	recycle-32K						
avrora	0.375	objs.recycled	50000000	recycle-512K						
fop	0.367	objs.recycled	50000000	recycle-512K						
lusearch	0.419	objs.recycled	50000000	recycle-512K						
pmd	0.375	objs.recycled	49999999	recycle-512K						
sunflow	0.679	objs.recycled	47000000	recycle-512K						
xalan	0.46	objs.recycled	49762901	recycle-512K						
recyc counts										
Benchmark	32K	512K								
avrora	0.228	0.375								
fop	0.238	0.367								
lusearch	0.124	0.419								
pmd	0.221	0.375								
sunflow	0.56	0.679								
xalan	0.29	0.46								
Average	0.277	0.446								
avrora	0.105	recycled.bytes	50000000	recycle-32K						
fop	0.141	recycled.bytes	50000000	recycle-32K						
lusearch	0.02	recycled.bytes	50000000	recycle-32K						

pmd	0.082	recycled.bytes	49999999	recycle-32K						
sunflow	0.245	recycled.bytes	50000000	recycle-32K						
xalan	0.121	recycled.bytes	49762901	recycle-32K						
32K recycled										
Benchmark	Objects	Bytes								
avrora	0.228	0.105								
fop	0.238	0.141								
lusearch	0.124	0.02								
pmd	0.221	0.082								
sunflow	0.56	0.245								
xalan	0.29	0.121								
Average	0.277	0.119								
dead ocp										
	Relative Spee	avrora	fop	lusearch	pmd	sunflow	xalan			
	0.5	0.049	0.083	0.029	0.03	0.821	0.03			
	0.571	0.184	0.194	0.886	0.067	0.919	0.175			
	0.6	0.194	0.248	1.114	0.462	0.951	0.853			
	0.617	0.243	0.281	1.114	0.69	0.958	0.942			
	0.622	0.282	0.302	1.171	0.749	0.961	0.951			
	0.644	0.34	0.529	1.257	0.866	0.965	0.981			
	0.667	0.398	0.764	1.2	0.957	0.975	0.994			
	0.714	0.641	0.963	1.229	0.978	0.986	0.996			
	0.75	0.874	0.975	1.143	0.986	0.989	0.996			
	0.8	0.971	0.983	1.057	0.99	0.993	0.998			
	0.833	0.99	0.988	1.057	0.994	0.993	0.998			
	0.857	0.99	0.988	1.086	0.994	0.996	0.998			
	1	1	0.996	1.114	0.998	1	0.998			

recycle ocp										
	Relative Spee	avrora	fop	lusearch	pmd	sunflow	xalan			
	0.5	0.058	0.065	0.076	0.024	0.854	0.048			
	0.571	0.153	0.156	0.641	0.106	0.952	0.219			
	0.6	0.179	0.199	0.848	0.64	0.977	0.936			
	0.617	0.255	0.231	0.902	0.815	0.982	0.984			
	0.622	0.336	0.242	0.891	0.851	0.985	0.995			
	0.644	0.376	0.468	0.902	0.906	0.99	1.005			
	0.667	0.442	0.828	0.924	0.974	0.992	1.011			
	0.714	0.639	0.957	0.946	0.993	0.995	0.995			
	0.75	0.854	0.973	0.967	0.993	0.997	1			
	0.8	0.923	0.984	0.978	0.995	0.998	1.011			
	0.833	0.96	0.989	0.967	0.995	1	1.011			
	0.857	0.978	0.995	0.978	0.995	0.998	1.005			
	1	0.996	1	0.989	0.995	1	1			
32K best	squashed	avrora	fop	lusearch	pmd	sunflow	xalan			
		0.243	0.149	0.04	0.112	0.117	0.197			
	recycled	avrora	fop	lusearch	pmd	sunflow	xalan			
		0.228	0.238	0.124	0.221	0.56	0.29			
		avrora	fop	lusearch	pmd	sunflow	xalan			
	squashed	0.241	0.148	0.043	0.098	0.116	0.196			
	recycled	0.227	0.238	0.123	0.213	0.56	0.288			
normqueue		avrora	fop	lusearch	pmd	sunflow	xalan			
	squashed (byt	0.99	0.99	1.08	0.88	0.99	0.99			
	recycled (obje	1	1	0.99	0.96	1	0.99			

		avrora	fop	lusearch	pmd	sunflow	xalan			
higher	squashed	0.104	0.079	0.021	0.054	0.089	0.126			
	recycled	0.299	0.295	0.183	0.281	0.579	0.363			

higher improvement		avrora	fop	lusearch	pmd	sunflow	xalan	Average
	recycled	1.311403509	1.239495798	1.475806452	1.271493213	1.033928571	1.251724138	1.26397528

by count	bytes	avrora	fop	lusearch	pmd	sunflow	xalan	Total
	24	8310	11834	0	0	0	5612	25756
	32	29525	76740	39995	72583	84925	53827	357595
	40	13112	22608	19370	19010	0	15387	89487
	48	9406	58367	14348	11752	7757	12293	113923
	56	9898	16981	15658	16966	0	20285	79788
	64	5419	10513	8746	23013	0	16669	64360
	72	0	0	0	7089	0	5436	12525
	80	3151	0	0	0	0	0	3151
	88	0	0	9838	8279	0	0	18117
	96	0	0	0	16175	0	0	16175

	104	0	0	0	7879	0	5960	13839		
	152	0	0	11878	0	0	0	11878		
		78821	197043	119833	182746	92682	135469	806594		
		105094	262724	159777	243661	123576	180625	1075457		
as frac of alll allocations		avrora	fop	lusearch	pmd	sunflow	xalan	Total		
	24	0.0790720688	0.0450434676	0	0	0	0.0310698961	0.0239488887		
	32	0.2809389689	0.2920936039	0.2503176302	0.2978851765	0.6872289118	0.2980041522	0.3325051583		
	40	0.1247644965	0.086052283	0.1212314664	0.0780182302	0	0.0851875432	0.0832083477		
	48	0.0895008278	0.2221608989	0.0898001589	0.0482309438	0.0627710882	0.0680581314	0.1059298512		
	56	0.0941823510	0.0646343691	0.0979990862	0.0696295262	0	0.1123044983	0.0741898560		
	64	0.0515633623	0.0400153773	0.0547387921	0.0944467928	0	0.0922851211	0.0598443266		
	72	0	0	0	0.0290936998	0	0.0300955017	0.0116462118		
	80	0.0299826821	0	0	0	0	0	0.0029299172		
	88	0	0	0.0615733178	0.0339775343	0	0	0.0168458618		
	96	0	0	0	0.0663832127	0	0	0.0150401178		
	104	0	0	0	0.0323359093	0	0.0329965397	0.0128680179		
	152	0	0	0.0743411129	0	0	0	0.0110446070		
		0.7500047576	0.75	0.7500015647	0.750001026	0.75	0.7500013841			
		avrora	fop	lusearch	pmd	sunflow	xalan	Total		
	24	8310	11834	0	0	0	5612	25756		
	32	37835	88574	39995	72583	84925	59439	383351		
	40	50947	111182	59365	91593	84925	74826	472838		
	48	60353	169549	73713	103345	92682	87119	586761		
	56	70251	186530	89371	120311	92682	107404	666549		
	64	75670	197043	98117	143324	92682	124073	730909		
	72	75670	197043	98117	150413	92682	129509	743434		
	80	78821	197043	98117	150413	92682	129509	746585		
	88	78821	197043	107955	158692	92682	129509	764702		
	96	78821	197043	107955	174867	92682	129509	780877		

	104	78821	197043	107955	182746	92682	135469	794716		
	152	78821	197043	119833	182746	92682	135469	806594		
		avrora	fop	lusearch	pmd	sunflow	xalan			
	24	0.0790720688	0.0450434676	0	0	0	0.0310698961			
	32	0.3600110377	0.3371370716	0.2503176302	0.2978851765	0.6872289118	0.3290740484			
	40	0.4847755343	0.4231893546	0.3715490966	0.3759034068	0.6872289118	0.4142615917			
	48	0.5742763621	0.6453502535	0.4613492555	0.4241343506	0.75	0.4823197232			
	56	0.6684587132	0.7099846226	0.5593483418	0.4937638769	0.75	0.5946242215			
	64	0.7200220755	0.75	0.6140871339	0.5882106697	0.75	0.6869093426			
	72	0.7200220755	0.75	0.6140871339	0.6173043696	0.75	0.7170048443			
	80	0.7500047576	0.75	0.6140871339	0.6173043696	0.75	0.7170048443			
	88	0.7500047576	0.75	0.6756604518	0.651281904	0.75	0.7170048443			
	96	0.7500047576	0.75	0.6756604518	0.7176651167	0.75	0.7170048443			
	104	0.7500047576	0.75	0.6756604518	0.750001026	0.75	0.7500013841			
	152	0.7500047576	0.75	0.7500015647	0.750001026	0.75	0.7500013841			
32K	Size	Alloc Frequen	Avail 32K	Avail 512K						
avrora	24	0.079		0.189						
	32	0.281	0.168	0.183				32	126	0.168
	40	0.125	0.179	0.205				40	134	0.1786666667
	48	0.09	0.001	0.001				48	1	0.0013333333
	56	0.094	0.161	0.2				56	121	0.1613333333

	64	0.052	0.001	0.195				64	1	0.0013333333
	72	0	0.001	0.004				72	1	0.0013333333
								24	142	0.1893333333
512K	Size	Alloc Frequen	Avail Frequency					32	137	0.1826666667
	24	0.079	0.1893333333					40	154	0.2053333333
	32	0.281	0.1826666667					48	1	0.0013333333
	40	0.125	0.2053333333					56	150	0.2
	48	0.09	0.0013333333					64	146	0.1946666667
	56	0.094	0.2					72	3	0.004
	64	0.052	0.1946666667							
	72	0	0.004							
32K		avrora	fop	lusearch	pmd	sunflow	xalan			
	16	0	0.072	0	0.029	0.001	0.001			
	24	0	0.176	0.105	0.023	0.028	0.228			
	32	0.168	0.142	0.021	0.138	0.035	0.184			
	40	0.178	0.084	0.085	0.126	0.003	0.157			
	48	0.001	0.061	0.017	0.007	0.064	0.013			
	56	0.161	0.079	0.008	0.154	0.008	0.095			
	64	0.001	0.04	0	0.011	0.025	0.061			
	72	0.001	0.059	0.075	0.051	0.027	0.103			
	80	0	0.04	0.005	0.049	0	0.004			
	88	0.141	0.001	0.035	0.008	0.001	0.007			
	96	0	0.011	0.003	0.126	0.001	0			
	104	0	0.004	0.072	0.035	0.003	0.14			
	112	0	0.001	0.021	0.037	0.001	0			
	120	0.003	0.008	0.005	0.029	0.003	0			

	128	0	0.007	0.003	0.021	0	0.023			
	136	0	0.017	0.001	0.005	0	0			
	144	0.001	0.001	0	0.036	0.001	0.047			
	152	0.001	0.009	0.053	0.028	0.001	0.003			
	160	0	0.001	0	0.061	0.001	0.103			
	168	0	0.035	0	0.015	0.001	0.009			
	176	0.004	0.003	0	0.032	0	0			
	184	0	0.009	0	0.039	0.001	0.016			
	192	0	0	0.005	0.072	0	0.003			
	200	0	0	0	0.112	0	0			
	208	0	0.001	0	0.067	0	0.001			
	216	0	0	0	0.031	0.003	0			
	224	0	0.003	0	0.033	0.037	0.013			
	232	0	0.004	0	0.008	0.037	0			
	240	0.001	0.004	0	0.012	0.001	0			
	248	0	0.005	0	0.008	0	0.003			
	256	0	0.007	0	0.016	0	0.001			
	264	0	0.004	0	0.009	0	0.003			
	272	0	0	0	0.023	0	0			
	280	0	0.003	0	0.039	0	0			
	288	0	0	0	0.011	0	0.003			
	296	0	0.005	0	0.015	0	0			
	304	0	0	0	0.007	0	0.004			
	312	0	0.003	0	0.007	0	0			
	320	0.001	0	0	0.001	0	0			
	328	0	0	0	0.001	0	0.001			
	336	0	0	0	0.003	0	0			
	344	0	0	0	0.004	0	0			
	360	0	0.001	0	0.001	0	0			
	368	0	0.001	0	0	0	0.001			
	384	0	0.001	0	0	0	0			
	408	0	0	0	0	0	0.001			
	424	0	0	0	0	0	0.029			
	456	0	0.004	0	0.001	0	0			
	488	0	0	0	0	0	0.001			
	528	0	0	0	0	0	0.004			
	536	0	0	0	0.004	0.001	0			
	584	0	0.001	0	0	0	0.004			

	608	0	0	0	0	0	0.001
	808	0	0	0	0	0.001	0.003
	824	0	0	0	0.001	0	0.005
	1000	0	0	0	0.001	0	0
	1016	0	0	0	0.004	0	0
	1040	0	0	0	0.011	0	0
	1048	0	0	0	0	0.013	0
	1352	0	0.001	0	0	0	0
	2048	0	0	0	0.001	0	0
	2056	0	0.008	0	0	0	0
	2072	0	0	0	0	0.001	0
	3096	0	0.001	0	0.003	0	0
	4024	0	0	0	0	0	0.003
	4120	0	0	0	0	0.001	0
		avrora	fop	lusearch	pmd	sunflow	xalan
512K	16	0.194	0.184	0	0.228	0.052	0.08
	24	0.189	0.306	0.266	0.15	0.033	0.31
	32	0.182	0.21	0.157	0.186	0.073	0.218
	40	0.205	0.137	0.288	0.138	0.025	0.23
	48	0.001	0.136	0.124	0.007	0.072	0.035
	56	0.2	0.176	0.041	0.2	0.036	0.233
	64	0.194	0.145	0.005	0.025	0.075	0.184
	72	0.004	0.176	0.277	0.173	0.029	0.264
	80	0.001	0.137	0.241	0.162	0.033	0.013
	88	0.14	0.084	0.075	0.036	0.045	0.017
	96	0	0.087	0.012	0.201	0.048	0.004
	104	0.194	0.025	0.294	0.13	0.035	0.234
	112	0	0.013	0.197	0.119	0.04	0
	120	0.197	0.136	0.103	0.134	0.043	0.039
	128	0	0.149	0.097	0.097	0.031	0.124
	136	0	0.064	0.085	0.028	0.005	0.005
	144	0.001	0.077	0.041	0.08	0.028	0.176
	152	0.003	0.033	0.181	0.13	0.039	0.048
	160	0.196	0.019	0	0.161	0.004	0.289

	168	0.194	0.244	0.051	0.084	0	0.057			
	176	0.192	0.019	0	0.149	0	0			
	184	0	0.17	0	0.16	0.041	0.123			
	192	0	0.005	0.209	0.161	0.084	0.008			
	200	0	0.12	0	0.18	0.084	0			
	208	0	0.023	0	0.178	0.084	0.003			
	216	0	0.14	0	0.201	0.084	0.076			
	224	0	0.053	0	0.204	0.084	0.17			
	232	0	0.025	0	0.178	0.084	0			
	240	0.196	0.013	0	0.177	0.084	0			
	248	0	0.157	0	0.085	0.084	0.148			
	256	0	0.166	0	0.145	0.084	0.008			
	264	0.06	0.036	0	0.184	0.084	0.021			
	272	0	0.126	0	0.153	0.084	0			
	280	0	0.019	0	0.204	0.105	0.001			
	288	0	0.003	0	0.194	0.044	0.027			
	296	0	0.012	0	0.088	0	0			
	304	0	0.025	0	0.157	0	0.164			
	312	0.194	0.004	0	0.119	0	0.075			
	320	0.196	0.001	0	0.045	0	0			
	328	0	0	0	0.075	0	0.001			
	336	0	0	0	0.035	0	0			
	344	0	0	0	0.005	0	0			
	352	0	0.001	0	0	0	0			
	360	0	0.003	0	0.02	0	0			
	368	0	0.069	0	0.012	0	0.004			
	376	0	0.012	0	0	0	0			
	384	0	0.02	0	0.008	0	0.017			
	400	0	0	0	0.001	0	0			
	408	0	0.001	0	0	0	0.15			
	416	0	0.019	0	0	0	0			
	424	0	0	0	0.003	0	0.272			
	440	0	0	0	0.079	0	0			
	448	0	0.015	0	0	0	0.007			
	456	0	0.021	0	0.041	0	0			
	464	0	0	0	0	0	0.008			
	472	0	0	0	0	0.053	0.077			
	480	0	0	0	0.009	0	0			

	488	0	0	0	0	0	0.123		
	504	0	0	0	0.02	0	0		
	528	0	0.001	0	0	0	0.166		
	536	0	0	0	0	0.097	0		
	544	0	0.004	0	0	0	0		
	552	0	0	0	0.001	0	0		
	576	0	0.003	0	0	0	0		
	584	0	0.001	0	0	0.079	0.016		
	608	0	0.001	0	0	0	0.088		
	624	0	0	0	0	0	0.015		
	648	0	0	0	0	0	0.104		
	656	0	0	0	0.011	0	0		
	664	0	0	0	0	0	0.032		
	704	0	0.067	0	0	0	0		
	744	0	0	0	0.057	0	0.001		
	752	0.003	0	0	0	0	0		
	768	0	0	0	0	0	0.033		
	800	0	0	0	0.009	0	0		
	808	0	0	0	0	0.001	0.073		
	824	0	0.14	0	0.001	0	0.012		
	840	0	0.001	0	0	0	0		
	872	0	0	0	0	0	0.001		
	904	0	0	0	0.001	0	0		
	944	0	0	0	0	0	0.001		
	968	0	0	0	0.017	0	0		
	984	0	0	0	0.007	0	0		
	992	0	0	0	0.003	0	0		
	1000	0	0	0	0.011	0	0		
	1008	0	0	0	0.009	0	0		
	1016	0	0	0	0.02	0	0		
	1024	0	0	0	0.001	0	0		
	1032	0	0	0	0.003	0	0		
	1040	0	0	0	0.012	0	0		
	1048	0	0.063	0	0.116	0.115	0.052		
	1056	0	0.005	0	0	0	0		
	1088	0	0	0	0.001	0	0		
	1104	0	0	0	0.001	0	0		
	1168	0	0	0	0.005	0	0		

	1176	0	0.001	0	0	0	0		
	1216	0	0	0	0.008	0	0		
	1224	0	0	0	0.012	0	0		
	1256	0	0	0	0.029	0	0.001		
	1272	0	0.001	0	0	0	0		
	1336	0	0	0	0.041	0	0		
	1352	0	0.001	0	0	0	0		
	1384	0	0.003	0	0	0	0		
	1400	0	0	0	0.001	0	0		
	1464	0	0.009	0	0	0	0		
	1520	0	0	0	0.001	0	0		
	1568	0	0.008	0	0	0	0		
	1624	0	0	0	0.005	0	0.001		
	1696	0	0	0	0.032	0	0		
	1720	0	0	0	0.008	0	0		
	1768	0	0	0	0.001	0	0		
	1784	0	0.001	0	0.001	0	0		
	1792	0	0.001	0	0	0	0		
	1808	0	0	0	0.007	0	0		
	2048	0	0	0	0.021	0	0		
	2056	0	0.013	0	0	0	0		
	2072	0	0.016	0	0.013	0.101	0		
	2096	0	0	0	0.005	0	0		
	2104	0	0.024	0	0	0	0		
	2176	0	0	0	0.001	0	0		
	2336	0	0	0	0.023	0	0		
	2368	0	0	0	0.001	0	0		
	2392	0	0.007	0	0	0	0		
	2872	0	0	0	0.02	0	0		
	2984	0	0	0	0.023	0	0		
	3096	0	0.024	0	0.068	0.001	0		
	4024	0	0	0	0	0	0.214		
	4120	0	0	0.013	0	0.049	0		
	4368	0	0	0	0	0	0.004		
	4992	0	0	0	0.02	0	0		
	6008	0	0	0	0	0.049	0		
	6208	0	0	0	0	0	0.001		
	6408	0	0	0	0	0	0.001		

	6928	0	0	0	0.013	0	0			
	7192	0	0.001	0	0.019	0	0			
	8216	0	0.016	0	0	0	0			
	10064	0	0	0	0	0	0.003			
	11392	0	0.001	0	0	0	0			
	15384	0	0.016	0	0	0	0			
	32792	0	0	0.016	0	0	0			
32k banked higher		avrora	fop	lusearch	pmd	sunflow	xalan			
	16	0.066	0.054	0.016	0.102	0.018	0.08		0.102	1
	24	0.362	0.39	0.321	0.099	0.214	0.21		0.39	1
	32	0.3	0.333	0.062	0.187	0.134	0.393		0.393	1
	40	0.232	0.263	0.083	0.062	0.231	0.147		0.263	1
	48	0.09	0.104	0.02	0.046	0.079	0.027		0.104	1
	56	0.239	0.114	0.011	0.08	0.01	0.215		0.239	1
	64	0.006	0.041	0.005	0.02	0.003	0.046		0.046	0
	72	0.007	0.094	0.026	0.024	0.017	0.025		0.094	0
	80	0.007	0.032	0.004	0.015	0.003	0.019		0.032	0
	88	0.032	0.007	0.017	0.01	0.001	0.008		0.032	0
	96	0.003	0.012	0.003	0.058	0.004	0.005		0.058	0
	104	0.003	0.006	0.054	0.022	0.002	0.063		0.063	0
	112	0.002	0.003	0.009	0.004	0	0.008		0.009	0
	120	0.006	0.003	0.002	0.004	0.009	0.008		0.009	0
	128	0.003	0.002	0.001	0.003	0	0.003		0.003	0
	136	0.001	0.012	0.001	0.004	0.002	0.006		0.012	0
	144	0.001	0.002	0.001	0.01	0	0.01		0.01	0
	152	0.002	0.004	0.044	0.019	0	0.004		0.044	0
	160	0	0.003	0.003	0.003	0.002	0.033		0.033	0
	168	0.01	0.004	0.002	0.002	0.021	0.003		0.021	0
	176	0	0.004	0	0.004	0	0.002		0.004	0
	184	0	0.003	0	0.006	0	0.001		0.006	0
	192	0	0.002	0.004	0.015	0.003	0.003		0.015	0
	200	0.001	0.002	0	0.019	0.001	0.002		0.019	0
	208	0.001	0.001	0	0.012	0	0.001		0.012	0

	216	0.001	0	0.001	0.007	0.05	0.002	0.05	0
	224	0.001	0.002	0.001	0.002	0.001	0.006	0.006	0
	232	0	0.001	0	0.002	0	0.002	0.002	0
	240	0.001	0.002	0.001	0.004	0.002	0.007	0.007	0
	248	0.002	0.002	0.002	0.002	0.001	0.004	0.004	0
	256	0.001	0.002	0.001	0.001	0	0.002	0.002	0
	264	0	0.002	0	0.002	0.041	0.002	0.041	0
	272	0	0	0	0.003	0	0.002	0.003	0
	280	0	0.002	0.001	0.006	0	0.001	0.006	0
	288	0	0.001	0	0.001	0	0.001	0.001	0
	296	0	0.001	0.001	0	0	0.001	0.001	0
	304	0	0	0	0	0	0	0	0
	312	0.001	0.001	0	0.001	0.037	0.001	0.037	0
	320	0.001	0	0	0.001	0	0	0.001	0
	328	0	0	0	0	0	0.001	0.001	0
	344	0	0	0	0	0	0	0	0
	352	0	0	0	0	0	0	0	0
	360	0	0	0	0	0.036	0	0.036	0
	368	0	0	0	0	0	0	0	0
	376	0	0	0	0	0	0	0	0
	384	0	0	0	0	0	0	0	0
	400	0	0	0	0	0	0	0	0
	408	0	0	0	0	0.034	0	0.034	0
	416	0	0	0	0	0	0	0	0
	424	0	0	0	0	0	0.003	0.003	0
	440	0	0	0	0	0	0	0	0
	448	0	0.001	0.001	0	0.001	0	0.001	0
	456	0	0.001	0	0	0.021	0	0.021	0
	464	0	0	0	0	0	0	0	0
	480	0	0	0	0	0	0	0	0
	488	0	0	0	0	0	0	0	0
	496	0	0	0	0	0	0	0	0
	504	0	0	0	0	0.018	0	0.018	0
	512	0	0	0	0	0	0	0	0
	536	0.001	0	0	0	0	0	0.001	0
	552	0	0	0	0	0.017	0	0.017	0
	600	0	0	0	0	0.018	0	0.018	0
	648	0	0	0	0	0.012	0	0.012	0

	656	0	0	0	0	0	0	0	0
	696	0	0	0	0	0.012	0	0.012	0
	744	0	0	0	0	0.006	0	0.006	0
	760	0	0	0	0	0	0	0	0
	768	0	0	0	0	0	0	0	0
	792	0	0	0	0	0.015	0	0.015	0
	816	0	0	0	0	0	0	0	0
	824	0	0	0	0	0	0.004	0.004	0
	840	0	0	0	0	0.003	0	0.003	0
	888	0	0	0	0	0.006	0	0.006	0
	896	0	0	0	0	0	0	0	0
	936	0	0	0	0	0.005	0	0.005	0
	952	0	0	0	0	0	0	0	0
	984	0	0	0	0	0.004	0	0.004	0
	1032	0	0	0	0	0.006	0	0.006	0
	1048	0.001	0	0	0	0	0.001	0.001	0
	1080	0	0	0	0	0.004	0	0.004	0
	1104	0	0	0	0	0	0	0	0
	1128	0	0	0	0	0.007	0	0.007	0
	1176	0	0	0	0	0.002	0	0.002	0
	1224	0	0	0	0	0.004	0	0.004	0
	1232	0	0	0	0	0	0	0	0
	1264	0	0	0	0	0	0	0	0
	1272	0	0	0	0	0.001	0	0.001	0
	1320	0	0	0	0	0.002	0	0.002	0
	1328	0	0	0	0	0	0	0	0
	1352	0	0	0	0	0	0	0	0
	1368	0	0	0	0	0	0	0	0
	1376	0	0	0	0	0	0	0	0
	1416	0	0	0	0	0.001	0	0.001	0
	1424	0	0	0	0	0	0	0	0
	1464	0	0	0	0	0.001	0	0.001	0
	1504	0	0	0	0	0	0	0	0
	1512	0	0	0	0	0.002	0	0.002	0
	1560	0	0	0	0	0.005	0	0.005	0
	1608	0	0	0	0	0.001	0	0.001	0
	1656	0	0	0	0	0	0	0	0
	1704	0	0	0	0	0	0	0	0

	1752	0	0	0	0	0	0	0	0
	1800	0	0	0	0	0.003	0	0.003	0
	1840	0	0	0	0	0	0	0	0
	1848	0	0	0	0	0	0	0	0
	1904	0	0	0	0	0	0	0	0
	1944	0	0	0	0	0.001	0	0.001	0
	1976	0	0	0	0	0	0	0	0
	1992	0	0	0	0	0.003	0	0.003	0
	2040	0	0	0	0	0.002	0	0.002	0
	2056	0	0.013	0	0	0	0	0.013	0
	2072	0.003	0	0	0.002	0	0	0.003	0
	2088	0	0	0	0	0.001	0	0.001	0
	2184	0	0	0	0	0.002	0	0.002	0
	2352	0	0	0	0	0	0	0	0
	2376	0	0	0	0	0.006	0	0.006	0
	2384	0	0	0	0	0	0	0	0
	2616	0	0	0	0	0.006	0	0.006	0
	2664	0	0	0	0	0.001	0	0.001	0
	2712	0	0	0	0	0	0	0	0
	2760	0	0	0	0	0	0	0	0
	2904	0	0	0	0	0.002	0	0.002	0
	3048	0	0	0	0	0	0	0	0
	3144	0	0	0	0	0	0	0	0
	3152	0	0	0	0	0	0	0	0
	3200	0	0	0	0	0	0	0	0
	3360	0	0	0	0	0	0	0	0
	3528	0	0	0	0	0.003	0	0.003	0
	3552	0	0	0	0	0	0	0	0
	4024	0	0	0	0	0	0.001	0.001	0
	4104	0	0	0	0	0	0	0	0
	4632	0	0	0	0	0.001	0	0.001	0
	5112	0	0	0	0	0	0	0	0
	5736	0	0	0	0	0.002	0	0.002	0
	7192	0	0	0	0	0	0	0	0
	8952	0	0	0	0	0.001	0	0.001	0
	11816	0	0	0	0	0	0	0	0
	13208	0	0	0	0	0	0	0	0
	16360	0	0	0	0	0	0	0	0