The Ancestral Lhasa River: A Late Cretaceous trans-arc river that drained the proto-Tibetan Plateau

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DATA REPOSITORY:

Contents

Table DR1: Sample Information
Table DR2: Zircon U-Pb Geochronology Data
Table DR3: Zircon Hf Isotopic Data
Table DR4: Maximum Depositional Ages from Detrital Zircon U-Pb Samples
Table DR5: Non-Negative Matrix Factorization (NMF) Results
Figure DR1: Stratigraphic Section

Table 1: Sample Location Information and Descriptions

Sample Name	Geographic Region	Geologic Formation	Latitude	Longitude	Source
62518DA1_0	Dênggar	Rongmawa Formation	29.25552	85.83792	*This study*
62518DA1_167	Dênggar	Rongmawa Formation	29.25616	85.83601	*This study*
62618DA1_650	Dênggar	Rongmawa Formation	29.26333	85.83914	*This study*
62618DA1_732	Dênggar	Rongmawa Formation	29.26396	85.83800	*This study*
62618DA1_787	Dênggar	Rongmawa Formation	29.26458	85.83735	*This study*
62618DA1_962	Dênggar	Rongmawa Formation	29.26614	85.83604	*This study*
7.18.14.3KM	Lazi	Rongmawa Formation	29.22737	87.27166	Metcalf and Kapp, 2019
7.18.14.4KM	Lazi	Rongmawa Formation	29.2292	87.27207	Metcalf and Kapp, 2019
7.18.14.5KM	Lazi	Rongmawa Formation	29.22947	87.2719	Metcalf and Kapp, 2019
7.18.14.6KM	Lazi	Rongmawa Formation	29.22987	87.27339	Metcalf and Kapp, 2019
7.18.14.7KM	Lazi	Rongmawa Formation	29.22933	87.27353	Metcalf and Kapp, 2019
7.18.14.8KM	Lazi	Rongmawa Formation	29.22926	87.27361	Metcalf and Kapp, 2019
A26	Lazi	Xigaze Group	29.199597	87.908862	Orme and Laskowski, 2016
A96	Lazi	Xigaze Group	29.200405	87.90899	Orme and Laskowski, 2016
A129	Lazi	Xigaze Group	29.200789	87.909418	Orme and Laskowski, 2016
B5	Lazi	Xigaze Group	29.21042	87.94588	Orme and Laskowski, 2016
B78	Lazi	Xigaze Group	29.210994	87.94412	Orme and Laskowski, 2016
B422	Lazi	Xigaze Group	29.213387	87.939401	Orme and Laskowski, 2016
C55	Lazi	Xigaze Group	29.21086	87.92995	Orme and Laskowski, 2016
C207	Lazi	Xigaze Group	29.219918	87.91846	Orme and Laskowski, 2016
C656	Lazi	Xigaze Group	29.225749	87.92481	Orme and Laskowski, 2016
D35	Lazi	Xigaze Group	29.22877	88.11797	Orme and Laskowski, 2016
E8	Lazi	Xigaze Group	29.23094	87.82452	Orme and Laskowski, 2016
E200	Lazi	Xigaze Group	29.22745	87.818765	Orme and Laskowski, 2016
F17	Lazi	Xigaze Group	29.2284	87.75615	Orme and Laskowski, 2016
F38	Lazi	Xigaze Group	29.229445	87.756411	Orme and Laskowski, 2016
G7	Lazi	Xigaze Group	29.23834	87.85623	Orme and Laskowski, 2016
G197	Lazi	Xigaze Group	29.252926	87.86884	Orme and Laskowski, 2016
H0	Lazi	Xigaze Group	29.25199	87.74709	Orme and Laskowski, 2016

H22	Lazi	Xigaze Group	29.252383	87.746731	Orme and Laskowski, 2016
H223	Lazi	Xigaze Group	29.259324	87.747578	Orme and Laskowski, 2016
H321	Lazi	Xigaze Group	29.263426	87.749684	Orme and Laskowski, 2016
H626	Lazi	Xigaze Group	29.267188	87.748453	Orme and Laskowski, 2016
H942	Lazi	Xigaze Group	29.273106	87.747816	Orme and Laskowski, 2016
H1700	Lazi	Xigaze Group	29.285821	87.756127	Orme and Laskowski, 2016
E0	Saga	Xigaze Group	29.800689	84.918219	Orme et al., 2015
E205	Saga	Xigaze Group	29.794846	84.913593	Orme et al., 2015
F6	Saga	Xigaze Group	29.895085	84.738319	Orme et al., 2015
F31	Saga	Xigaze Group	29.890793	84.739852	Orme et al., 2015
F300	Saga	Xigaze Group	29.886914	84.740558	Orme et al., 2015
G0	Saga	Xigaze Group	29.91035	84.70993	Orme et al., 2015
G23	Saga	Xigaze Group	29.909359	84.709532	Orme et al., 2015
H97	Saga	Xigaze Group	29.890916	84.71911	Orme et al., 2015
A151	Saga	Xigaze Group	29.62790	85.20631	Orme et al., 2015
A504	Saga	Xigaze Group	29.62470	85.20534	Orme et al., 2015
A1080	Saga	Xigaze Group	29.61821	85.20720	Orme et al., 2015
A1287	Saga	Xigaze Group	29.61613	85.20684	Orme et al., 2015
B60	Saga	Xigaze Group	29.60603	85.17746	Orme et al., 2015
C0	Saga	Xigaze Group	29.65900	85.13241	Orme et al., 2015
C340	Saga	Xigaze Group	29.64910	85.12766	Orme et al., 2015
D22	Saga	Xigaze Group	29.88616	84.83343	Orme et al., 2015
D448	Saga	Xigaze Group	29.88327	84.83099	Orme et al., 2015
D980	Saga	Xigaze Group	29.87726	84.82688	Orme et al., 2015

Coordinates use the WGS 84 Datum

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Orme, D.A., Carrapa, B., and Kapp, P., 2015, Sedimentology, provenance and geochronology of the upper Cretaceous-lower Eocene western Xigaze forearc basin, southern Tibet: Basin Research, v. 27, no. 4, p. 387–411, doi: 10.1111/bre.12080.

Table DR2. Zircon U-Pb Geochronology Data.																			
							Isotope ratios					Apparent ages (Ma)							
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	Conc
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	(%)
Sample: 62618DA1_962																			
962 Spot 205	372	655430	1.8	20.3571	2.2	0.0863	2.8	0.0128	1.7	0.60	81.7	1.3	84.1	2.2	152.7	52.2	81.7	1.3	NA
962 Spot 209	360	3612	1.7	22.4994	4.2	0.0857	4.3	0.0140	0.9	0.21	89.6	0.8	83.5	3.4	NA	NA	89.6	0.8	NA
962 Spot 241	731	1673	3.1	15.3872	2.4	0.1255	2.7	0.0140	1.2	0.46	89.7	1.1	120.0	3.0	773.0	49.5	89.7	1.1	NA
_962 Spot 81	334	5167	1.8	21.6160	1.8	0.0931	2.0	0.0146	1.0	0.48	93.5	0.9	90.4	1.8	10.3	42.9	93.5	0.9	NA
_962 Spot 84	445	103066	1.7	20.0971	1.4	0.1049	2.2	0.0153	1.7	0.77	97.9	1.6	101.3	2.1	182.7	31.9	97.9	1.6	NA
962 Spot 294	467	3900	1.6	21.5804	4.1	0.0992	4.3	0.0155	1.3	0.29	99.4	1.3	96.0	4.0	14.2	99.8	99.4	1.3	NA
962 Spot 251	838	6042	1.5	21.1171	1.4	0.1036	2.0	0.0159	1.4	0.72	101.6	1.5	100.1	1.9	66.1	33.1	101.6	1.5	NA
962 Spot 250	826	5728	3.7	21.3691	2.8	0.1036	3.1	0.0161	1.1	0.36	102.7	1.1	100.1	2.9	37.8	68.2	102.7	1.1	NA
962 Spot 166	314	2159	1.6	23.3173	3.5	0.1030	3.7	0.0174	0.9	0.25	111.4	1.0	99.6	3.5	NA	NA	111.4	1.0	NA
_962 Spot 48	1048	5112	2.2	17.7011	3.9	0.1373	4.1	0.0176	1.2	0.28	112.7	1.3	130.6	5.0	470.8	86.6	112.7	1.3	NA
962 Spot 168	198	2031	1.7	15.8585	5.9	0.1565	6.0	0.0180	1.4	0.24	115.1	1.6	147.7	8.3	709.3	124.8	115.1	1.6	NA
962 Spot 112	2044	48449	0.7	20.2480	0.9	0.1238	1.5	0.0182	1.2	0.79	116.2	1.3	118.5	1.6	165.2	20.7	116.2	1.3	NA
962 Spot 107	639	16328	1.0	20.6307	1.0	0.1249	1.4	0.0187	1.1	0.73	119.4	1.2	119.5	1.6	121.3	23.3	119.4	1.2	NA
962 Spot 186	536	8387	1.2	21.1333	2.2	0.1220	2.9	0.0187	1.9	0.65	119.5	2.2	116.9	3.2	64.3	52.5	119.5	2.2	NA
962 Spot 102	331	1497	1.2	24.1346	1.5	0.1112	2.1	0.0195	1.4	0.67	124.3	1.7	107.1	2.1	NA	NA	124.3	1.7	NA
_962 Spot 24	2575	36382	2.8	20.2985	0.9	0.1325	1.3	0.0195	0.9	0.72	124.6	1.1	126.4	1.5	159.5	20.4	124.6	1.1	NA
962 Spot 263	310	8095	1.4	20.6415	1.6	0.1305	2.0	0.0195	1.2	0.59	124.8	1.4	124.5	2.3	120.1	37.7	124.8	1.4	NA
_962 Spot 97	160	2154	1.3	22.3485	6.9	0.1217	7.0	0.0197	1.2	0.17	126.0	1.5	116.6	7.7	NA	NA	126.0	1.5	NA
_962 Spot 56	596	4916	1.6	21.6713	1.4	0.1276	1.7	0.0201	1.1	0.61	128.1	1.3	121.9	2.0	4.1	33.4	128.1	1.3	NA
_962 Spot 54	548	6912	1.8	21.1131	1.2	0.1316	1.5	0.0202	1.0	0.63	128.6	1.2	125.5	1.8	66.6	28.5	128.6	1.2	NA
962 Spot 135	480	21524	1.9	20.0554	1.7	0.1398	2.0	0.0203	1.1	0.55	129.8	1.4	132.9	2.5	187.5	39.2	129.8	1.4	NA
962 Spot 217	775	12842	1.0	20.3379	1.3	0.1387	1.7	0.0205	1.2	0.67	130.6	1.5	131.9	2.1	154.9	29.8	130.6	1.5	NA
962 Spot 291	136	642	2.5	36.2940	2.3	0.0782	2.5	0.0206	1.2	0.46	131.4	1.5	76.5	1.9	NA	NA	131.4	1.5	NA
_962 Spot 85	372	3043	1.6	21.7680	1.4	0.1334	1.9	0.0211	1.2	0.65	134.4	1.6	127.1	2.3	NA	NA	134.4	1.6	NA
962 Spot 231	459	52311	1.3	20.1931	1.4	0.1439	1.7	0.0211	0.9	0.54	134.5	1.2	136.5	2.2	171.6	33.6	134.5	1.2	NA
962 Spot 280	1710	18095	0.6	20.1987	1.0	0.1584	1.8	0.0232	1.4	0.81	148.0	2.1	149.3	2.5	170.9	24.5	148.0	2.1	NA
_962 Spot 35	3712	152901	1.8	20.5203	0.6	0.1655	1.1	0.0246	0.9	0.82	156.9	1.4	155.5	1.6	133.9	14.9	156.9	1.4	NA
962 Spot 184	504	4822	2.2	21.0158	1.0	0.1669	1.4	0.0254	1.0	0.69	162.0	1.6	156.7	2.0	77.5	24.3	162.0	1.6	NA
962 Spot 293	329	20530	3.3	19.3428	1.5	0.1927	1.9	0.0270	1.1	0.59	172.0	1.8	178.9	3.0	271.1	34.5	172.0	1.8	NA
962 Spot 163	651	8068	1.9	20.4054	1.0	0.2102	1.5	0.0311	1.1	0.73	197.6	2.2	193.7	2.7	147.1	24.6	197.6	2.2	NA
962 Spot 146	399	14224	1.9	20.3478	1.6	0.2127	2.0	0.0314	1.2	0.60	199.3	2.4	195.8	3.6	153.8	38.0	199.3	2.4	NA
962 Spot 100	682	29441	1.2	19.6268	1.1	0.2229	1.7	0.0317	1.3	0.78	201.5	2.6	204.3	3.1	237.6	24.3	201.5	2.6	NA
962 Spot 243	2134	26353	1.9	19.8118	0.8	0.2212	1.2	0.0318	0.9	0.74	201.8	1.8	202.9	2.2	215.9	18.9	201.8	1.8	NA
962 Spot 122	1301	112836	2.6	19.3846	0.8	0.2266	1.2	0.0319	0.9	0.77	202.3	1.9	207.4	2.3	266.2	17.5	202.3	1.9	NA
962 Spot 249	1567	32204	2.9	19.8747	1.0	0.2219	1.5	0.0320	1.1	0.73	203.1	2.1	203.5	2.7	208.6	23.1	203.1	2.1	NA
1_962 Spot 9	1703	35742	1.4	19.8821	0.9	0.2223	1.4	0.0321	1.0	0.77	203.5	2.1	203.9	2.5	207.7	20.0	203.5	2.1	NA
962 Spot 287	753	30078	1.5	19.7166	0.9	0.2254	1.4	0.0322	1.1	0.78	204.6	2.2	206.4	2.6	227.1	20.3	204.6	2.2	NA
962 Spot 183	999	32242	4.3	19.8552	1.0	0.2258	1.6	0.0325	1.2	0.76	206.3	2.4	206.7	2.9	210.9	23.5	206.3	2.4	NA
962 Spot 138	4537	653167	1.0	19.9097	0.8	0.2306	1.2	0.0333	0.9	0.77	211.3	1.9	210.7	2.3	204.5	18.0	211.3	1.9	NA
962 Spot 237	892	38218	1.7	20.0414	0.8	0.2309	1.2	0.0336	0.9	0.76	212.9	1.9	211.0	2.2	189.2	17.7	212.9	1.9	NA
962 Spot 127	952	20859	2.5	19.8938	1.1	0.2350	1.6	0.0339	1.2	0.75	215.1	2.5	214.3	3.1	206.4	24.6	215.1	2.5	NA
_962 Spot 65	961	28290	3.2	19.5725	0.9	0.2392	1.2	0.0340	0.9	0.72	215.3	1.9	217.7	2.4	244.0	19.8	215.3	1.9	NA
_962 Spot 64	1025	11493	1.9	20.0174	0.9	0.2370	1.3	0.0344	1.0	0.74	218.2	2.1	216.0	2.5	192.0	20.2	218.2	2.1	NA
_962 Spot 51	1747	68339	2.5	19.8652	0.7	0.2395	1.2	0.0345	0.9	0.79	218.8	2.0	218.0	2.3	209.7	16.5	218.8	2.0	NA
_962 Spot 74	2543	73963	7.9	19.6430	0.7	0.2470	1.2	0.0352	1.0	0.81	223.0	2.1	224.1	2.4	235.7	15.7	223.0	2.1	NA
_962 Spot 50	318	6225	2.0	20.4710	1.5	0.2400	1.9	0.0356	1.2	0.61	225.8	2.6	218.4	3.7	139.6	34.9	225.8	2.6	NA
962 Spot 216	1765	33465	0.6	19.8118	0.7	0.2561	1.1	0.0368	0.9	0.77	233.1	2.0	231.5	2.4	215.9	17.0	233.1	2.0	NA
962 Spot 149	281	23405	0.5	19.2502	1.2	0.2723	1.4	0.0380	0.8	0.56	240.6	1.9	244.5	3.1	282.1	26.9	240.6	1.9	NA
962 Spot 299	269	3242	1.3	20.2928	1.1	0.2699	1.4	0.0397	0.9	0.61	251.2	2.1	242.6	3.1	160.1	26.5	251.2	2.1	NA
_962 Spot 67	1308	33623	2.0	19.6784	0.9	0.2785	1.3	0.0398	1.0	0.75	251.4	2.4	249.5	2.9	231.5	19.8	251.4	2.4	NA
_962 Spot 87	854	20993	6.2	19.5074	0.8	0.2816	1.3	0.0399	1.1	0.81	252.0	2.7	252.0	3.0	251.7	18.1	252.0	2.7	NA
962 Spot 229	1336	80257	2.5	19.1709	1.0	0.2868	1.5	0.0399	1.1	0.71	252.2	2.6	256.0	3.4	291.5	23.9	252.2	2.6	NA
962 Spot 297	784	37513	8.0	19.4350	0.9	0.2858	1.4	0.0403	1.1	0.77	254.7	2.7	255.3	3.2	260.2	20.6	254.7	2.7	NA
962 Spot 111	1078	16232	2.1	19.5161	0.9	0.2889	1.5	0.0409	1.2	0.79	258.5	3.0	257.7	3.4	250.6	20.9	258.5	3.0	NA
1_962 Spot 6	791	14040	6.0	19.5858	0.8	0.2903	1.4	0.0413	1.1	0.79	260.6	2.8	258.8	3.1	242.4	19.1	260.6	2.8	NA
962 Spot 225	328	85414	1.1	18.5769	1.4	0.3743	1.8	0.0504	1.0	0.59	317.3	3.2	322.8	4.9	362.9	32.4	317.3	3.2	NA
_962 Spot 83	342	21275	3.3	18.0123	0.9	0.5174	1.3	0.0676	0.9	0.71	421.8	3.8	423.4	4.6	432.1	20.8	421.8	3.8	97.6
962 Spot 273	302	10446	4.7	17.9756	1.2	0.5440	1.6	0.0709	1.1	0.67	441.9	4.7	441.0	5.9	436.7	27.1	441.9	4.7	101.2
962 Spot 118	344	11772	2.5	17.6035	0.7	0.5597	1.4	0.0715	1.2	0.86	445.1	5.2	451.3	5.1	483.1	15.7	445.1	5.2	92.1
962 Spot 136	568	12723	6.2	18.2362	0.8	0.5406	1.6	0.0715	1.4	0.87	445.3	6.0	438.8	5.7	404.5	17.9	445.3	6.0	110.1
962 Spot 116	214	12079	4.8	15.7997	1.5	0.6267	3.3	0.0718	2.9	0.90	447.3	12.7	494.0	12.8	717.1	30.8	447.3	12.7	62.4
962 Spot 248	335	14378	3.0	17.6227	1.0	0.6196	1.4	0.0792	1.0	0.71	491.5	4.7	489.6	5.4	480.7	21.7	491.5	4.7	102.3
962 Spot 158	4192	44356	1.3	17.8900	0.7	0.6121	1.2	0.0795	1.0	0.80	492.9	4.5	484.9	4.6	447.3	15.7	492.9	4.5	110.2
962 Spot 152	427	22762	1.8	17.4485	0.9	0.6336	1.5	0.0802	1.2	0.79	497.4	5.6	498.4	5.8	502.6	19.6	497.4	5.6	99.0
962 Spot 292	245	11350	1.7	17.5653	1.1	0.6400	1.6	0.0816	1.2	0.75	505.5	5.9	502.3	6.4	487.9	23.8	505.5	5.9	103.6
962 Spot 222	320	5602	2.0	18.1347	1.1	0.6261	1.5	0.0824	1.1	0.69	510.3	5.2	493.6	5.9	417.0	24.3	510.3	5.2	122.4
_962 Spot 12	130	3010752	0.9	16.7505	1.1	0.6779	1.4	0.0824	0.9	0.64	510.4	4.4	525.5	5.8	591.7	23.3	510.4	4.4	86.2
962 Spot 151	536	17624	1.4	17.4645	0.9	0.6506	1.4	0.0824	1.0	0.73	510.7	4.9	508.9	5.4	500.6	20.4	510.7	4.9	102.0
962 Spot 176	68	2910	0.8	18.5917	4.9	0.6122	5.0	0.0826	1.3	0.26	511.5	6.4	484.9	19.4	361.2	109.9	511.5	6.4	141.6
_962 Spot 72	392	23317	2.2	16.8050	0.9	0.6819	1.4	0.0831	1.0	0.74	514.9	5.0	527.9	5.6	584.7	19.9	514.9	5.0	88.1
962 Spot 242	346	37062	0.8	17.3880	0.9	0.6600	1.3	0.0833	1.0	0.73	515.6	4.7	514.6	5.3	510.2	19.7	515.6	4.7	101.1
_962 Spot 96	657	71805	1.3	17.2137	0.8	0.6670	1.2	0.0833	0.9	0.74	515.8	4.5	518.9	5.0	532.3	18.3	515.8	4.5	96.9
962 Spot 172	339	12443	2.1	17.4367	0.9	0.6587	1.5	0.0833	1.2	0.78	516.0	5.7	513.8	6.0	504.1	20.3	516.0	5.7	102.4
_962 Spot 69	316	24380	1.5	17.2994	0.9	0.6644	1.2	0.0834	0.8	0.67	516.3	4.1	517.3	5.0	521.4	20.1	516.3	4.1	99.0
962 Spot 167	2237	179584	4.6	17.4228	0.9	0.6608	1.3	0.0835	1.0	0.75	517.2	4.9	515.1	5.3	505.8	18.9	517.2	4.9	102.3
962 Spot 150	114	15000	1.1	17.2895	1.2	0.6661	1.8	0.0836	1.3	0.74	517.4	6.7	518.4	7.4	522.7	26.8	517.4	6.7	99.0
962 Spot 109	725	31229	1.4	17.4198	0.7	0.6625	1.4	0.0837	1.2	0.87	518.4	6.2	516.2	5.7	506.2	15.3	518.4	6.2	102.4
962 Spot 139	1297	41999	2.4	17.3367	0.6	0.6680	1.3	0.0840	1.1	0.87	520.1	5.5	519.5	5.2	516.7	13.8	520.1	5.5	100.7
_962 Spot 75	278	1166405	1.3	17.2245	0.7	0.6765	1.3	0.0845	1.1	0.85	523.2	5.6	524.7	5.4	531.0	15.1	523.2	5.6	98.5
_962 Spot 10	2984	20640	2.4	16.5183	1.1	0.7203	1.5	0.0863	1.0	0.66	533.8	5.0	550.8	6.3	621.9	24.2	533.8	5.0	85.8
1_962 Spot 7	462	15376	1.1	17.1612	1.0	0.6941	1.5	0.0864	1.1	0.74	534.4	5.7	535.3	6.3	539.0	22.1	534.4	5.7	99.1
_962 Spot 62	123	131700	0.8	16.7748	1.3	0.7143	2.0	0.0869	1.5	0.75	537.4	7.8	547.3	8.5	588.6	28.8	537.4	7.8	91.3
_962 Spot 19	796	16731	1.1	17.0874	0.8	0.7045	1.2	0.0873	0.8	0.71	539.8	4.3	541.4	4.9	548.5	17.8	539.8	4.3	98.4
962 Spot 235	229	7066	2.7	17.1011	0.8	0.7082	1.3	0.0879	1.1	0.81	543.0	5.6	543.7	5.5	546.7	16.8	543.0	5.6	99.3
962 Spot 170	205	33223	2.2	16.7710	1.1	0.7306	1.5	0.0889	0.9	0.63	549.1	4.9	556.9	6.3	589.1	24.7	549.1	4.9	93.2
962 Spot 252	231	21639	0.8	16.7690	1.1	0.7369	1.5	0.0897	1.0	0.68	553.5	5.5	560.6	6.6	589.4	24.1	553.5	5.5	93.9
962 Spot 175	313	115729	6.3	16.7606	0.8	0.7377	1.3	0.0897	1.0	0.78	553.8	5.5	561.1	5.7	590.4	17.9	553.8	5.5	93.8
_962 Spot 71	711	80620	36.7	16.9761	0.8	0.7299	1.5	0.0899	1.2	0.84	555.0	6.5	556.5	6.3	562.7	17.6	555.0	6.5	98.6
_962 Spot 17	184	6698	0.5	17.1708	0.8	0.7248	1.2	0.0903	1.0	0.78	557.3	5.2	553.5	5.3	537.8	16.8	557.3	5.2	103.6
962 Spot 254	502	21815	2.0	16.8069	0.8	0.7453	1.2	0.0909	0.8	0.72	560.8	4.5	565.5	5.0	584.5	17.2	560.8	4.5	95.9
962 Spot 193	242	3576	2.0	17.7221	1.2	0.7070	1.5	0.0909	1.0	0.62	561.0	5.2	543.0	6.5	468.2	26.7	561.0	5.2	119.8
962 Spot 128	528	30658	3.8	16.9437	0.8	0.7403	1.4	0.0910	1.1	0.81	561.5	6.0	562.6	6.0	566.9	17.7	561.5	6.0	99.1
962 Spot 103	159	10318	0.7	16.7074	1.4	0.7538	1.8	0.0914	1.2	0.67	563.7	6.6	570.4	8.0	597.3	29.6	563.7	6.6	94.4
962 Spot 268	372	14953	1.0	16.8077	0.9	0.7493	1.3	0.0914	1.0	0.74	563.7	5.2	567.8	5.7	584.4	19.0	563.7	5.2	96.5
_962 Spot 78	573	93308	0.6	16.9117	0.7	0.7505	1.3	0.0921	1.1	0.84	567.9	6.1	568.5	5.9	571.0	16.0	567.9	6.1	99.5
_962 Spot 45	264	7543	1.0	17.1795	1.1	0.7397	1.7	0.0922	1.3	0.75	568.6	7.1	562.2	7.4	536.7	24.9	568.6	7.1	105.9
962 Spot 117	175	9671	0.4	16.8996	1.2	0.7523	1.7	0.0922	1.1	0.68	568.8	6.2	569.6	7.2	572.5	26.3	568.8	6.2	99.3
962 Spot 179	1231	52487	8.3	16.9651	0.9	0.7595	1.6	0.0935	1.3	0.81	576.2	7.2	573.7	7.1	564.1	20.6	576.2	7.2	102.1
962 Spot 104	1339	44206	16.9	16.9019	0.8	0.7628	1.4	0.0935	1.1	0.80	576.5	6.1	575.6	6.0	572.2	17.9	576.5	6.1	100.7
962 Spot 279	61	1723	0.7	18.4592	1.7	0.7005	2.0	0.0938	1.1	0.53	578.1	6.1	539.1	8.6	377.3	39.0	578.1	6.1	153.2
_962 Spot 36	130	12772	4.7	16.5245	1.2	0.7830	1.5	0.0939	0.9	0.60	578.5	4.9	587.2	6.5	621.1	25.1	578.5	4.9	93.1
962 Spot 281	990	104981	5.9	16.8416	0.7	0.7687	1.2	0.0939	1.0	0.82	578.8	5.3	579.0	5.2	580.0	14.6	578.8	5.3	99.8
962 Spot 230	510	23638	2.0	17.1813	0.9	0.7538	1.8	0.0940	1.5	0.87	579.0	8.6	570.4	7.7	536.5	19.1	579.0	8.6	107.9
_962 Spot 80	600	21883	9.7	16.8465	0.8	0.7747	1.3	0.0947	1.0	0.76	583.3	5.6	582.5	5.8	579.4	18.3	583.3	5.6	100.7
962 Spot 220	230	36432	2.7	16.3361	0.8	0.8055	1.1	0.0955	0.8	0.71	587.8	4.4	599.9	5.0	645.8	16.6	587.8	4.4	91.0
962 Spot 177	284	16439	1.3	17.0927	0.9	0.7744	1.4	0.0960	1.1	0.76	591.1	6.0	582.3	6.2	547.8	20.0	591.1	6.0	107.9
962 Spot 160	129	5877	1.2	16.7715	1.3	0.7911	1.9	0.0963	1.4	0.73	592.5	7.9	591.8	8.6	589.1	28.1	592.5	7.9	100.6
_962 Spot 43	693	40030	3.3	16.5245	0.8	0.8049	1.7	0.0965	1.4	0.87	593.9	8.1	599.6	7.5	621.1	17.9	593.9	8.1	95.6
_962 Spot 52	62	6901	0.6	16.2920	1.3	0.8274	1.9	0.0978	1.4	0.73	601.6	8.1	612.2	8.9	651.6	28.5	601.6	8.1	92.3
962 Spot 133	431	49264	2.7	16.2776	0.9	0.8285	1.4	0.0979	1.1	0.78	601.8	6.1	612.8	6.3	653.5	18.4	601.8	6.1	92.1
962 Spot 212	423	525111	1.8	16.8481	0.8	0.8009	1.1	0.0979	0.7	0.65	602.1	4.0	597.3	4.8	579.1	17.7	602.1	4.0	104.0
_962 Spot 76	349	20438	2.2	16.5325	0.9	0.8174	1.4	0.0981	1.1	0.76	603.0	6.3	606.6	6.6	620.1	20.1	603.0	6.3	97.2
962 Spot 189	302	52674	1.3	16.5316	0.8	0.8177	1.3	0.0981	1.0	0.80	603.2	5.8	606.8	5.8	620.2	16.3	603.2	5.8	97.3
_962 Spot 82	326	36112	1.9	16.6429	0.8	0.8300	1.3	0.1002	1.1	0.80	615.8	6.2	613.6	6.1	605.7	17.1	615.8	6.2	101.7
962 Spot 194	103	23880	0.6	16.2274	1.1	0.8859	1.6	0.1043	1.2	0.73	639.6	7.2	644.2	7.7	660.2	23.5	639.6	7.2	96.9
1_962 Spot 4	169	10354	0.7	16.2471	0.9	0.8898	1.3	0.1049	0.9	0.71	643.1	5.5	646.3	6.0	657.6	18.8	643.1	5.5	97.8

962 Spot 192	368	17500	1.4	15.8343	1.1	0.9465	1.5	0.1087	1.0	0.70	665.4	6.6	676.3	7.3	712.5	22.5	665.4	6.6	93.4
1_962 Spot 8	530	37364	22.5	16.1403	0.8	0.9449	1.4	0.1107	1.1	0.78	676.6	6.8	675.4	6.7	671.7	18.0	676.6	6.8	100.7
962 Spot 188	317	36805	2.7	15.6378	1.0	0.9904	1.4	0.1124	1.1	0.74	686.6	6.9	698.9	7.2	739.0	20.1	686.6	6.9	92.9
_962 Spot 13	216	9473	1.4	16.0340	1.0	0.9843	1.6	0.1145	1.2	0.75	698.9	7.8	695.8	7.9	685.8	22.0	698.9	7.8	101.9
_962 Spot 37	1719	100011	10.9	15.8859	0.6	1.0051	1.1	0.1159	0.9	0.80	706.6	5.8	706.4	5.4	705.6	13.5	706.6	5.8	100.1
962 Spot 106	1240	225851	2.8	15.0326	0.8	1.1038	1.1	0.1204	0.8	0.73	732.8	5.7	755.2	6.0	822.0	16.1	732.8	5.7	89.2
962 Spot 208	258	22261	2.7	15.7078	1.0	1.0657	1.5	0.1215	1.1	0.76	739.0	7.9	736.6	7.8	729.5	20.3	739.0	7.9	101.3
_962 Spot 11	159	7951	3.4	14.6116	0.9	1.2759	1.7	0.1353	1.5	0.85	817.9	11.2	835.0	9.8	881.0	18.8	817.9	11.2	92.8
962 Spot 247	190	30340	0.8	14.5202	1.0	1.2941	1.6	0.1363	1.2	0.74	824.0	8.9	843.1	8.9	893.9	21.4	824.0	8.9	92.2
_962 Spot 46	436	25362	3.2	14.5702	0.9	1.3115	1.5	0.1386	1.2	0.79	837.0	9.2	850.8	8.5	886.8	18.5	837.0	9.2	94.4
962 Spot 144	115	20929	2.0	14.6781	1.0	1.3044	1.6	0.1389	1.2	0.78	838.5	9.7	847.6	9.1	871.6	20.4	838.5	9.7	96.2
_962 Spot 28	478	42469	3.8	14.7175	0.9	1.3084	1.8	0.1397	1.6	0.88	843.1	12.7	849.4	10.6	866.0	18.4	843.1	12.7	97.4
962 Spot 261	190	29140	5.8	14.7375	1.0	1.3179	1.5	0.1409	1.1	0.75	849.9	9.1	853.6	8.8	863.2	20.8	849.9	9.1	98.5
_962 Spot 14	49	4374	1.8	14.5390	1.5	1.4774	1.7	0.1559	0.8	0.50	933.7	7.3	921.2	10.2	891.3	30.0	891.3	30.0	104.8
962 Spot 289	296	36591	1.5	14.4523	0.9	1.4681	1.3	0.1539	0.9	0.73	923.0	8.1	917.3	7.8	903.6	18.0	903.6	18.0	102.2
962 Spot 274	855	286187	3.0	14.4187	0.8	1.4813	1.5	0.1550	1.3	0.85	928.8	11.1	922.8	9.2	908.4	16.8	908.4	16.8	102.2
962 Spot 140	1028	50749	76.6	14.4073	0.7	1.4355	1.4	0.1501	1.2	0.85	901.3	10.2	903.8	8.5	910.0	15.4	910.0	15.4	99.0
962 Spot 173	491	256659	3.0	14.4053	0.6	1.5215	1.3	0.1590	1.1	0.88	951.4	10.0	939.1	7.8	910.3	12.5	910.3	12.5	104.5
962 Spot 191	237	10171	2.5	14.6958	1.1	1.4233	1.5	0.1518	1.0	0.69	910.8	8.6	898.7	8.7	869.1	22.0	910.8	8.6	104.8
962 Spot 269	273	13827	2.1	14.3601	0.9	1.5108	1.4	0.1574	1.1	0.80	942.4	10.1	934.8	8.8	916.8	17.8	916.8	17.8	102.8
962 Spot 278	868	69446	4.1	14.3544	0.7	1.4835	1.5	0.1545	1.3	0.89	926.2	11.1	923.7	8.8	917.6	13.6	917.6	13.6	100.9
962 Spot 126	496	51817	2.6	14.3380	0.7	1.4914	1.5	0.1552	1.3	0.87	929.8	11.2	926.9	9.1	920.0	15.2	920.0	15.2	101.1
962 Spot 264	739	86726	2.3	14.3337	0.8	1.4318	1.6	0.1489	1.3	0.85	894.9	11.3	902.3	9.5	920.6	17.4	920.6	17.4	97.2
962 Spot 295	1029	116590	2.4	14.3276	0.7	1.4854	1.5	0.1544	1.3	0.88	925.7	11.2	924.4	8.9	921.5	14.4	921.5	14.4	100.5
962 Spot 159	569	101196	1.7	14.3128	0.7	1.4920	1.1	0.1549	0.9	0.80	928.6	7.4	927.1	6.6	923.6	13.4	923.6	13.4	100.5
962 Spot 171	871	39794	3.3	14.2945	0.6	1.5355	1.5	0.1593	1.4	0.91	952.7	12.3	944.7	9.4	926.2	13.1	926.2	13.1	102.9
_962 Spot 95	340	35050	2.0	14.2306	0.8	1.4689	1.4	0.1517	1.1	0.82	910.3	9.6	917.7	8.4	935.4	16.5	935.4	16.5	97.3
962 Spot 110	396	188779	2.0	14.2295	0.8	1.4531	1.4	0.1500	1.2	0.81	901.1	9.8	911.2	8.6	935.6	17.2	935.6	17.2	96.3
962 Spot 233	582	210740	2.7	14.2254	0.9	1.4321	1.4	0.1478	1.0	0.74	888.7	8.5	902.4	8.2	936.1	18.9	936.1	18.9	94.9
_962 Spot 91	270	25434	2.0	14.2242	0.7	1.4649	1.2	0.1512	1.0	0.81	907.6	8.1	916.0	7.1	936.3	14.3	936.3	14.3	96.9
_962 Spot 20	1440	196363	4.4	14.2126	0.6	1.5978	1.2	0.1648	1.0	0.84	983.2	8.9	969.4	7.3	938.0	12.9	938.0	12.9	104.8
_962 Spot 22	194	14812	3.0	14.1758	1.0	1.4187	1.8	0.1459	1.5	0.82	878.1	11.9	896.8	10.6	943.3	21.0	943.3	21.0	93.1
962 Spot 290	283	51915	3.6	14.1708	0.7	1.4450	1.2	0.1486	1.0	0.83	893.0	8.5	907.8	7.4	944.0	14.1	944.0	14.1	94.6
_962 Spot 41	263	15070	1.7	14.1520	0.7	1.5309	1.1	0.1572	0.9	0.77	941.2	7.7	942.8	7.0	946.8	15.0	946.8	15.0	99.4
962 Spot 119	724	162182	6.5	14.1161	0.7	1.5478	1.4	0.1585	1.2	0.87	948.6	10.8	949.6	8.7	951.9	14.1	951.9	14.1	99.7
962 Spot 256	1204	44760	10.0	14.1154	0.7	1.5996	1.2	0.1638	1.0	0.82	978.0	9.0	970.1	7.6	952.0	14.1	952.0	14.1	102.7
_962 Spot 39	662	32159	1.7	14.0883	0.8	1.5660	1.4	0.1601	1.1	0.81	957.2	10.1	956.8	8.7	956.0	16.9	956.0	16.9	100.1
_962 Spot 49	169	7051	3.6	14.0082	1.3	1.6602	2.1	0.1687	1.6	0.76	1005.2	14.5	993.5	13.0	967.6	27.3	967.6	27.3	103.9
962 Spot 124	533	74010	4.1	13.9279	0.8	1.6307	1.6	0.1648	1.4	0.88	983.4	13.0	982.1	10.1	979.4	15.5	979.4	15.5	100.4
962 Spot 284	539	181275	6.1	13.9062	0.7	1.6481	1.1	0.1663	0.8	0.78	991.7	7.8	988.8	6.9	982.5	13.8	982.5	13.8	100.9
_962 Spot 90	302	33919	0.9	13.9009	0.8	1.5608	1.4	0.1574	1.1	0.83	942.4	9.9	954.8	8.5	983.3	15.7	983.3	15.7	95.8
1_962 Spot 0	245	17517	0.8	13.8766	0.9	1.6445	1.4	0.1656	1.0	0.73	987.7	9.2	987.5	8.7	986.8	19.2	986.8	19.2	100.1
_962 Spot 63	526	50756	1.8	13.8038	0.7	1.4598	1.3	0.1462	1.0	0.83	879.7	8.6	913.9	7.7	997.5	14.5	997.5	14.5	88.2
_962 Spot 70	355	101626	3.4	13.5325	0.6	1.7883	1.0	0.1756	0.8	0.82	1042.9	8.1	1041.2	6.6	1037.7	11.6	1037.7	11.6	100.5
962 Spot 276	371	31368	1.7	13.4905	0.8	1.8046	1.4	0.1766	1.2	0.82	1048.6	11.3	1047.1	9.3	1044.0	16.5	1044.0	16.5	100.4
962 Spot 296	437	60358	17.3	13.4827	0.9	1.7299	1.6	0.1692	1.4	0.84	1007.9	12.9	1019.7	10.6	1045.2	17.9	1045.2	17.9	96.4
1_962 Spot 1	189	6000	2.0	13.4666	1.0	1.8881	1.5	0.1845	1.1	0.74	1091.4	11.1	1076.9	9.9	1047.6	20.1	1047.6	20.1	104.2
962 Spot 266	103	3635	1.6	13.4389	1.7	1.8158	2.1	0.1771	1.1	0.54	1050.9	10.8	1051.2	13.5	1051.8	35.1	1051.8	35.1	99.9
962 Spot 221	854	867306	2.5	13.4375	0.8	1.8044	1.4	0.1759	1.2	0.83	1044.7	11.2	1047.0	9.2	1052.0	15.9	1052.0	15.9	99.3
_962 Spot 58	143	29635	4.8	13.4248	0.7	1.7721	1.2	0.1726	1.0	0.82	1026.5	9.4	1035.3	7.8	1053.9	14.0	1053.9	14.0	97.4
_962 Spot 99	176	39846	3.0	13.3955	0.9	1.6973	1.3	0.1650	0.9	0.69	984.4	8.2	1007.5	8.4	1058.3	19.1	1058.3	19.1	93.0
_962 Spot 73	36	4803	0.9	13.3825	1.6	1.6890	2.0	0.1640	1.2	0.58	979.0	10.6	1004.4	12.9	1060.2	33.2	1060.2	33.2	92.3
_962 Spot 68	109	9988	1.0	13.3794	1.0	1.8293	1.5	0.1776	1.2	0.77	1053.8	11.2	1056.0	9.8	1060.7	19.2	1060.7	19.2	99.3
962 Spot 162	143	33985	2.8	13.3772	0.9	1.6392	1.3	0.1591	0.9	0.70	951.8	8.1	985.4	8.3	1061.0	19.0	1061.0	19.0	89.7
962 Spot 200	197	8278	1.8	13.3462	0.8	1.7751	1.3	0.1719	1.0	0.79	1022.6	9.8	1036.4	8.5	1065.7	16.1	1065.7	16.1	96.0
962 Spot 134	136	88564	1.4	13.3205	1.0	1.9470	1.6	0.1882	1.3	0.81	1111.5	13.6	1097.4	11.0	1069.6	19.1	1069.6	19.1	103.9
_962 Spot 27	499	64194	5.1	13.3033	0.9	1.7479	1.3	0.1687	1.0	0.76	1005.1	9.5	1026.4	8.7	1072.2	17.6	1072.2	17.6	93.7
_962 Spot 77	107	19920	1.8	13.2815	1.0	1.8885	1.5	0.1820	1.1	0.76	1077.9	11.4	1077.1	10.0	1075.5	19.7	1075.5	19.7	100.2
962 Spot 153	386	78355	1.1	13.2637	0.8	1.8594	1.3	0.1789	1.0	0.80	1061.2	10.2	1066.8	8.6	1078.2	15.9	1078.2	15.9	98.4
962 Spot 182	274	90246	2.7	13.2485	0.6	1.9838	1.4	0.1907	1.2	0.89	1125.2	12.4	1110.0	9.1	1080.4	12.6	1080.4	12.6	104.1
962 Spot 203	233	22049	0.8	13.2474	0.9	1.9048	1.3	0.1831	1.0	0.77	1083.8	10.1	1082.8	8.8	1080.6	17.1	1080.6	17.1	100.3
962 Spot 270	341	33837	0.6	13.1913	0.8	1.9194	1.2	0.1837	0.9	0.75	1087.2	9.2	1087.9	8.2	1089.1	16.3	1089.1	16.3	99.8
962 Spot 210	131	32944	4.3	13.1405	0.8	1.8326	1.3	0.1747	1.0	0.80	1038.1	10.0	1057.2	8.5	1096.8	15.4	1096.8	15.4	94.6
962 Spot 272	124	14703	3.0	13.0942	0.8	2.0460	1.3	0.1944	1.0	0.78	1145.1	10.8	1131.0	9.1	1103.9	16.8	1103.9	16.8	103.7
962 Spot 165	287	15127	2.4	13.0441	0.7	2.0543	1.1	0.1944	0.9	0.80	1145.3	9.6	1133.7	7.8	1111.5	13.6	1111.5	13.6	103.0
_962 Spot 30	79	57775	1.1	13.0066	1.1	1.7310	1.7	0.1634	1.3	0.75	975.4	11.7	1020.1	11.1	1117.3	22.8	1117.3	22.8	87.3
_962 Spot 59	384	16364	1.6	12.9954	0.8	2.0636	1.3	0.1946	1.1	0.82	1146.1	11.5	1136.8	9.1	1119.1	15.0	1119.1	15.0	102.4
962 Spot 164	174	12473	0.6	12.9921	0.9	2.0625	1.3	0.1944	0.9	0.72	1145.3	9.9	1136.4	9.0	1119.5	18.2	1119.5	18.2	102.3
962 Spot 275	435	1867579	5.9	12.9798	0.6	1.9489	1.1	0.1835	1.0	0.85	1086.3	9.6	1098.1	7.6	1121.4	11.8	1121.4	11.8	96.9
962 Spot 199	85	6353	0.9	12.9122	1.0	2.1037	1.5	0.1971	1.2	0.77	1159.7	12.4	1150.0	10.4	1131.8	19.2	1131.8	19.2	102.5
962 Spot 143	764	135032	1.9	12.8622	0.7	2.1341	1.3	0.1992	1.0	0.82	1170.9	11.2	1159.9	8.8	1139.6	14.4	1139.6	14.4	102.7
962 Spot 206	519	312002	1.6	12.8575	0.7	2.1194	1.4	0.1977	1.2	0.84	1163.1	12.2	1155.2	9.4	1140.3	14.7	1140.3	14.7	102.0
962 Spot 147	865	74933	3.2	12.8146	0.7	2.1170	1.2	0.1968	1.0	0.83	1158.3	10.8	1154.4	8.5	1146.9	13.8	1146.9	13.8	101.0
962 Spot 218	456	62365	2.6	12.7941	0.6	2.1066	1.1	0.1956	0.9	0.83	1151.4	9.2	1151.0	7.3	1150.1	11.6	1150.1	11.6	100.1
962 Spot 227	108	6544	2.1	12.7797	1.0	1.9958	1.3	0.1851	0.8	0.62	1094.6	8.3	1114.1	9.0	1152.3	20.6	1152.3	20.6	95.0
1_962 Spot 5	784	269615	2.3	12.7631	0.6	2.2016	1.2	0.2039	1.0	0.87	1196.2	11.4	1181.6	8.3	1154.9	11.5	1154.9	11.5	103.6
962 Spot 145	292	16567	1.9	12.7603	0.6	2.1364	1.2	0.1978	1.0	0.85	1163.5	10.5	1160.7	8.0	1155.3	12.2	1155.3	12.2	100.7
962 Spot 253	263	20042	1.8	12.7538	0.8	2.1213	1.2	0.1963	0.9	0.73	1155.5	9.5	1155.8	8.4	1156.3	16.4	1156.3	16.4	99.9
962 Spot 259	297	117393	1.8	12.7437	0.7	2.1946	1.5	0.2029	1.3	0.87	1191.0	14.5	1179.3	10.7	1157.9	14.7	1157.9	14.7	102.9
962 Spot 201	354	110307	2.0	12.7415	0.7	2.1035	1.2	0.1945	0.9	0.76	1145.6	9.2	1150.0	7.9	1158.3	14.8	1158.3	14.8	98.9
_962 Spot 16	555	38860	1.4	12.7248	0.7	2.1604	1.2	0.1995	1.0	0.79	1172.5	10.2	1168.4	8.4	1160.9	14.7	1160.9	14.7	101.0
962 Spot 267	131	8443	0.9	12.7169	1.0	2.0292	1.5	0.1872	1.2	0.76	1106.4	11.8	1125.4	10.4	1162.1	19.6	1162.1	19.6	95.2
_962 Spot 86	668	77516	2.7	12.7102	0.5	2.1436	1.2	0.1977	1.1	0.91	1162.9	11.5	1163.0	8.2	1163.1	9.7	1163.1	9.7	100.0
962 Spot 131	575	83536	1.5	12.7030	0.7	2.1930	1.2	0.2021	1.0	0.82	1186.7	10.4	1178.8	8.1	1164.3	13.1	1164.3	13.1	101.9
962 Spot 114	148	12147	1.0	12.6764	0.8	2.1350	1.3	0.1964	1.0	0.78	1155.8	10.8	1160.2	9.1	1168.5	16.5	1168.5	16.5	98.9
962 Spot 156	259	131271	6.8	12.6419	1.0	2.2002	1.6	0.2018	1.3	0.79	1185.1	13.7	1181.1	11.2	1173.8	19.6	1173.8	19.6	101.0
962 Spot 255	185	12804	1.1	12.6373	0.7	2.0283	1.3	0.1860	1.1	0.82	1099.6	10.7	1125.1	8.8	1174.6	14.6	1174.6	14.6	93.6
_962 Spot 34	466	38271	1.8	12.6238	0.8	2.1339	1.4	0.1955	1.2	0.82	1150.9	12.2	1159.8	9.7	1176.7	15.7	1176.7	15.7	97.8
962 Spot 195	233	66896	3.1	12.5460	0.7	2.1736	1.3	0.1979	1.1	0.83	1163.9	11.7	1172.6	9.1	1188.9	14.3	1188.9	14.3	97.9
962 Spot 180	163	27711	1.2	12.5349	0.8	2.2288	1.2	0.2027	1.0	0.78	1189.9	10.4	1190.1	8.7	1190.6	15.4	1190.6	15.4	99.9
_962 Spot 25	186	66106	1.4	12.5028	0.7	2.2729	1.2	0.2062	0.9	0.77	1208.5	9.8	1203.9	8.2	1195.7	14.7	1195.7	14.7	101.1
962 Spot 185	780	82593	4.7	12.4986	0.6	2.2792	1.4	0.2067	1.3	0.90	1211.2	14.2	1205.9	10.1	1196.4	12.3	1196.4	12.3	101.2
962 Spot 121	399	79719	1.8	12.4893	0.8	2.1980	1.2	0.1992	1.0	0.79	1170.9	10.5	1180.4	8.7	1197.8	15.0	1197.8	15.0	97.8
_962 Spot 94	396	38648	1.6	12.4648	0.8	2.2358	1.4	0.2022	1.1	0.79	1187.2	11.8	1192.3	9.7	1201.7	16.7	1201.7	16.7	98.8
962 Spot 244	293	49696	1.6	12.4527	0.9	2.2303	1.3	0.2015	0.9	0.68	1183.5	9.5	1190.6	9.0	1203.6	18.6	1203.6	18.6	98.3
962 Spot 157	253	1054722	2.9	12.4013	0.6	2.2563	1.2	0.2030	1.0	0.88	1191.6	11.3	1198.8	8.3	1211.7	11.1	1211.7	11.1	98.3
962 Spot 142	112	528363	0.8	12.3868	0.9	2.2619	1.2	0.2033	0.8	0.68	1193.0	9.0	1200.5	8.6	1214.1	17.7	1214.1	17.7	98.3
962 Spot 234	144	26888	1.1	12.3699	0.6	2.2172	1.1	0.1990	0.9	0.82	1169.9	9.4	1186.5	7.5	1216.7	12.0	1216.7	12.0	96.2
962 Spot 169	484	52907	6.0	12.3209	0.7	2.3431	1.3	0.2095	1.1	0.85	1226.0	12.5	1225.5	9.4	1224.5	13.8	1224.5	13.8	100.1
_962 Spot 21	733	41651	3.2	12.1170	0.6	2.5635	0.9	0.2254	0.7	0.79	1310.2	8.8	1290.3	6.8	1257.3	11.1	1257.3	11.1	104.2
962 Spot 226	94	8726	23.5	12.0944	1.0	2.5339	1.3	0.2224	0.9	0.68	1294.3	10.8	1281.8	9.8	1260.9	19.2	1260.9	19.2	102.7
962 Spot 105	1697	271735	63.6	11.9939	1.5	2.4858	2.0	0.2163	1.4	0.68	1262.4	16.0	1267.9	14.8	1277.2	29.3	1277.2	29.3	98.8
962 Spot 258	685	286551	3.6	11.8675	0.9	2.6182	1.7	0.2255	1.4	0.85	1310.6	17.0	1305.8	12.4	1297.8	17.3	1297.8	17.3	101.0
_962 Spot 66	441	112767	2.4	11.8376	0.8	2.6867	1.3	0.2308	0.9	0.74	1338.5	11.3	1324.8	9.4	1302.7	16.5	1302.7	16.5	102.7
962 Spot 286	435	31531	2.9	11.4884	0.7	2.8536	1.2	0.2379	0.9	0.79	1375.6	11.4	1369.8	8.8	1360.6	13.8	1360.6	13.8	101.1
_962 Spot 79	1738	23944162	29.9	11.4628	2.9	2.2555	3.2	0.1876	1.2	0.38	1108.3	12.3	1198.5	22.2	1364.9	56.3	1364.9	56.3	81.2
_962 Spot 92	112	5783	2.2	11.2732	0.9	3.0567	1.6	0.2500	1.3	0.81	1438.6	16.4	1421.9	12.1	1397.0	17.9	1397.0	17.9	103.0
962 Spot 178	497	153260	2.5	11.1007	0.7	3.0780	1.5	0.2479	1.4	0.90	1427.7	17.7	1427.2	11.7	1426.5	12.8	1426.5	12.8	100.1
962 Spot 246	174	11172	1.5	11.0866	0.9	3.0631	1.4	0.2464	1.1	0.75	1419.9	13.4	1423.5	10.8	1428.9	17.9	1428.9	17.9	99.4
962 Spot 282	396	44885	5.1	11.0757	0.7	2.9118	2.0	0.2340	1.9	0.93	1355.4	23.4	1385.0	15.5	1430.8	14.0	1430.8	14.0	94.7
_962 Spot 18	1225	95466	10.2	11.0557	0.7	2.5287	1.2	0.2029	1.1	0.85	1190.6	11.4	1280.3	9.1	1434.2	12.7	1434.2	12.7	83.0
962 Spot 207	43	42570	2.1	10.9345	1.1	2.9117	2.2	0.2310	2.0	0.88	1339.8	23.8	1385.0	17.0	1455.2	20.7	1455.2	20.7	92.1
_962 Spot 29	236	53298	1.9	10.9035	0.8	3.2075	1.3	0.2538	1.0	0.76	1457.8	12.7	1459.0	9.9	1460.6	15.8	1460.6	15.8	99.8
962 Spot 148	62	10600	2.3	10.8979	0.9	3.1623	1.4	0.2501	1.1	0.77	1438.7	14.3	1448.0	11.1	1461.6	17.5	1461.6	17.5	98.4
962 Spot 181	245	105350	2.3	10.7362	0.7	3.3464	1.2	0.2607	1.0	0.81	1493.3	13.0	1491.9	9.4	1489.9	13.3	1489.9	13.3	100.2
962 Spot 213	178	258342	1.5	10.7055	0.9	3.3549	1.4	0.2606	1.1	0.76	1492.9	14.0	1493.9	10.8	1495.4	17.1	1495.4	17.1	99.8
_962 Spot 32	975	80516	2.2	10.6791	0.5	3.2535	0.9	0.2521	0.8	0.85	1449.3	10.1	1470.0	7.1	1500.0	9.0	1500.0	9.0	96.6
962 Spot 228	210	17354	1.0	10.4719	0.9	3.6041	1.6	0.2738	1.4	0.85	1560.3	19.1	1550.4	12.9	1537.0	16.1	1537.0	16.1	101.5
1_962 Spot 3	449	34273	1.4	10.2798	0.8	3.4530	1.3	0.2576	1.1	0.81	1477.3	14.1	1516.6	10.4	1571.8	14.7	1571.8	14.7	94.0
_962 Spot 61	776	119731	1.9	10.2023	0.7	3.9458	1.5	0.2921	1.3	0.90	1652.0	19.4	1623.1	12.0	1585.9	12.2	1585.9	12.2	104.2
962 Spot 137	341	108234	0.7	10.1666	0.6	3.9432	1.1	0.2909	1.0	0.85	1645.9	13.8	1622.6	9.0	1592.5	10.8	1592.5	10.8	103.4
962 Spot 123	333	20300	1.0	10.0896	0.7	3.9759	1.2	0.2911	1.0	0.82	1646.9	14.4	1629.3	9.8	1606.6	13.0	1606.6	13.0	102.5
_962 Spot 93	116	13253	1.5	10.0855	0.9	3.8978	1.3	0.2852	0.9	0.67	1617.7	12.3	1613.2	10.3	1607.4	17.6	1607.4	17.6	100.6

_962 Spot 57	231	27208	1.5	10.0422	1.0	3.9240	1.5	0.2859	1.2	0.75	1621.1	16.7	1618.6	12.5	1615.4	18.9	1615.4	18.9	100.4
962 Spot 257	413	32765	0.9	10.0343	0.7	3.9177	1.3	0.2852	1.1	0.85	1617.7	15.8	1617.4	10.6	1616.9	13.0	1616.9	13.0	100.0
_962 Spot 23	820	58537	3.5	9.9490	0.6	4.0301	1.3	0.2909	1.1	0.87	1646.2	16.4	1640.3	10.5	1632.8	11.7	1632.8	11.7	100.8
_962 Spot 88	209	34188	1.4	9.9450	0.8	4.0905	1.4	0.2952	1.1	0.79	1667.3	16.0	1652.4	11.3	1633.5	15.8	1633.5	15.8	102.1
_962 Spot 42	211	40468	4.0	9.8395	0.8	3.9525	1.5	0.2822	1.3	0.84	1602.4	17.9	1624.5	12.2	1653.3	15.4	1653.3	15.4	96.9
962 Spot 271	325	36825	1.5	9.8123	0.9	4.0048	1.7	0.2851	1.5	0.86	1617.1	20.9	1635.2	13.8	1658.4	16.0	1658.4	16.0	97.5
962 Spot 113	1419	154238	32.8	9.7733	0.5	4.0404	1.3	0.2865	1.2	0.91	1624.1	16.7	1642.4	10.4	1665.8	9.9	1665.8	9.9	97.5
962 Spot 224	670	83379	2.4	9.7538	0.5	4.1380	1.3	0.2929	1.2	0.91	1655.8	17.7	1661.8	10.8	1669.5	9.9	1669.5	9.9	99.2
962 Spot 283	860	392024	2.5	9.7172	0.7	4.2656	1.4	0.3008	1.1	0.84	1695.0	16.9	1686.8	11.1	1676.5	13.5	1676.5	13.5	101.1
962 Spot 108	273	94283	3.6	9.6541	0.7	4.3137	1.3	0.3022	1.0	0.80	1702.0	15.0	1696.0	10.3	1688.5	13.8	1688.5	13.8	100.8
962 Spot 204	427	394381	2.8	9.5312	0.5	4.4139	1.3	0.3053	1.2	0.92	1717.3	17.7	1715.0	10.6	1712.1	9.3	1712.1	9.3	100.3
962 Spot 196	106	10779	1.8	9.5045	0.9	4.3982	1.3	0.3033	1.0	0.73	1707.7	14.3	1712.0	10.8	1717.2	16.3	1717.2	16.3	99.4
962 Spot 115	1131	551563	3.4	9.3642	0.6	4.6305	1.0	0.3146	0.8	0.81	1763.4	13.0	1754.8	8.7	1744.5	11.2	1744.5	11.2	101.1
962 Spot 174	254	24231	1.7	9.2352	0.7	4.6177	1.1	0.3094	0.8	0.79	1737.9	12.8	1752.5	8.9	1769.9	12.0	1769.9	12.0	98.2
_962 Spot 44	694	34698	10.6	9.2056	0.8	4.8217	1.4	0.3221	1.2	0.82	1799.8	18.4	1788.7	12.0	1775.7	14.9	1775.7	14.9	101.4
962 Spot 202	194	142207	3.0	9.1955	0.7	4.4697	1.4	0.2982	1.2	0.87	1682.5	17.8	1725.4	11.4	1777.8	12.3	1777.8	12.3	94.6
_962 Spot 60	131	72218	1.7	9.1165	0.7	4.8708	1.2	0.3222	1.0	0.80	1800.4	15.3	1797.2	10.2	1793.5	13.1	1793.5	13.1	100.4
_962 Spot 38	828	69469	2.4	9.0210	0.7	5.1504	1.4	0.3371	1.2	0.89	1872.8	20.2	1844.5	11.9	1812.6	11.8	1812.6	11.8	103.3
962 Spot 262	120	53699	1.5	8.9186	0.7	5.1294	1.2	0.3319	1.0	0.82	1847.7	16.4	1841.0	10.6	1833.3	12.9	1833.3	12.9	100.8
962 Spot 298	312	37158	1.5	7.9327	0.8	6.4741	1.3	0.3726	1.0	0.78	2041.8	17.6	2042.4	11.3	2043.0	14.3	2043.0	14.3	99.9
_962 Spot 98	553	58614	4.5	7.5789	0.7	6.9651	1.1	0.3830	0.9	0.77	2090.4	15.4	2107.0	9.9	2123.2	12.4	2123.2	12.4	98.5
962 Spot 245	244	46885	1.8	7.5713	0.7	7.1228	1.4	0.3913	1.2	0.87	2128.9	21.7	2126.9	12.3	2125.0	11.9	2125.0	11.9	100.2
962 Spot 285	381	457782	2.7	7.1637	0.7	8.2725	1.3	0.4300	1.0	0.81	2305.7	19.8	2261.3	11.4	2221.4	12.8	2221.4	12.8	103.8
962 Spot 101	539	31105	0.7	6.8163	0.7	6.9433	1.5	0.3434	1.3	0.89	1903.0	21.3	2104.2	12.9	2307.1	11.4	2307.1	11.4	82.5
962 Spot 236	847	41195267	4.3	6.7731	0.7	7.6190	1.8	0.3744	1.6	0.92	2050.2	28.5	2187.1	15.9	2318.0	12.2	2318.0	12.2	88.4
962 Spot 141	937	454783	3.3	6.6626	2.2	8.4087	2.6	0.4065	1.3	0.52	2198.9	24.8	2276.1	23.3	2346.2	37.5	2346.2	37.5	93.7
962 Spot 214	578	209737	1.2	6.5828	0.5	9.4970	1.2	0.4536	1.1	0.92	2411.3	22.0	2387.3	11.0	2366.8	8.2	2366.8	8.2	101.9
_962 Spot 15	453	79447	2.8	6.4597	0.6	8.7858	1.1	0.4118	0.9	0.85	2223.1	17.8	2316.0	10.2	2398.9	10.1	2398.9	10.1	92.7
962 Spot 215	233	50351	1.1	6.4554	0.7	9.8268	1.2	0.4603	1.0	0.84	2440.8	20.3	2418.7	11.0	2400.1	11.2	2400.1	11.2	101.7
962 Spot 198	258	331276	1.9	6.3918	0.7	10.0444	1.1	0.4658	0.9	0.81	2465.3	19.0	2438.9	10.5	2416.9	11.3	2416.9	11.3	102.0
962 Spot 265	351	74805	1.3	6.3243	0.6	9.8772	1.1	0.4532	1.0	0.84	2409.7	19.4	2423.4	10.6	2434.9	10.5	2434.9	10.5	99.0
_962 Spot 55	130	40416	1.0	6.2394	0.8	9.8644	1.5	0.4466	1.2	0.85	2380.0	24.7	2422.2	13.5	2457.8	13.0	2457.8	13.0	96.8
962 Spot 260	146	42115	0.8	6.2169	0.6	10.3425	1.0	0.4665	0.8	0.80	2468.3	16.8	2465.9	9.5	2463.9	10.5	2463.9	10.5	100.2
_962 Spot 33	869	213564	3.2	5.9923	0.6	11.4791	1.2	0.4991	1.0	0.88	2609.9	22.1	2562.9	10.9	2525.9	9.3	2525.9	9.3	103.3
962 Spot 155	155	812373	1.2	5.1429	0.8	13.7094	1.3	0.5116	1.1	0.81	2663.4	23.4	2729.8	12.5	2779.4	12.6	2779.4	12.6	95.8
962 Spot 190	91	9557	1.8	5.0297	0.7	14.7800	1.5	0.5394	1.4	0.90	2780.9	31.1	2801.2	14.6	2815.8	11.0	2815.8	11.0	98.8
962 Spot 240	109	112543	2.0	5.0016	0.6	14.1823	1.3	0.5147	1.2	0.88	2676.6	25.2	2762.0	12.4	2824.9	9.9	2824.9	9.9	94.7

Sample: 62618DA1_787																			
787 Spot 270	162	31824	1.6	20.6476	1.8	0.0906	2.3	0.0136	1.5	0.63	86.9	1.3	88.1	2.0	119.4	42.6	86.9	1.3	NA
_787 Spot 38	273	4665	1.7	22.0605	2.1	0.0852	2.5	0.0136	1.4	0.56	87.3	1.2	83.0	2.0	NA	NA	87.3	1.2	NA
787 Spot 184	694	24747	2.0	20.1188	0.9	0.0972	1.5	0.0142	1.1	0.77	90.9	1.0	94.2	1.3	180.2	21.9	90.9	1.0	NA
787 Spot 208	232	43774	1.4	20.5262	1.7	0.0976	2.3	0.0145	1.5	0.67	93.0	1.4	94.5	2.1	133.3	40.0	93.0	1.4	NA
787 Spot 256	76	5706	1.5	21.6544	3.1	0.0935	3.3	0.0147	1.3	0.39	94.0	1.2	90.8	2.9	6.0	73.9	94.0	1.2	NA
787 Spot 101	68	5109	2.0	22.1620	2.9	0.0915	3.1	0.0147	1.2	0.40	94.1	1.2	88.9	2.7	NA	NA	94.1	1.2	NA
_787 Spot 70	657	67406	2.4	20.8713	1.0	0.0980	1.6	0.0148	1.2	0.77	95.0	1.1	94.9	1.4	93.9	23.5	95.0	1.1	NA
_787 Spot 19	167	21239	1.7	20.9765	1.6	0.1172	2.0	0.0178	1.3	0.63	114.0	1.4	112.6	2.1	82.0	37.2	114.0	1.4	NA
_787 Spot 44	464	67340	2.5	20.3509	1.1	0.1214	1.8	0.0179	1.4	0.77	114.5	1.6	116.3	2.0	153.4	26.9	114.5	1.6	NA
_787 Spot 76	219	54105	1.9	20.8892	1.5	0.1187	1.8	0.0180	1.0	0.53	114.9	1.1	113.9	2.0	91.9	36.6	114.9	1.1	NA
787 Spot 114	47	4229	1.4	21.6433	2.3	0.1183	2.7	0.0186	1.3	0.47	118.7	1.5	113.6	2.9	7.2	56.5	118.7	1.5	NA
787 Spot 237	137	76830	1.0	20.4884	1.6	0.1267	1.9	0.0188	1.1	0.54	120.3	1.3	121.1	2.2	137.6	38.2	120.3	1.3	NA
787 Spot 130	84	76587	1.0	20.2158	1.6	0.1321	2.0	0.0194	1.2	0.61	123.7	1.5	126.0	2.3	169.0	36.5	123.7	1.5	NA
787 Spot 207	110	6414	1.2	21.5133	2.1	0.1243	2.4	0.0194	1.2	0.49	123.9	1.4	119.0	2.7	21.7	49.6	123.9	1.4	NA
787 Spot 155	418	17923	1.2	20.9024	0.9	0.1280	1.5	0.0194	1.2	0.80	123.9	1.5	122.3	1.8	90.4	21.9	123.9	1.5	NA
787 Spot 126	178	7057	3.1	21.5306	1.2	0.1244	1.7	0.0194	1.2	0.70	124.0	1.5	119.0	1.9	19.8	29.3	124.0	1.5	NA
787 Spot 280	31	1022	1.6	28.7164	3.5	0.0935	3.8	0.0195	1.5	0.41	124.4	1.9	90.8	3.3	NA	NA	124.4	1.9	NA
787 Spot 268	35	1856	1.3	24.2565	4.8	0.1111	4.9	0.0196	1.0	0.20	124.8	1.2	107.0	5.0	NA	NA	124.8	1.2	NA
787 Spot 112	71	13245	1.2	21.1939	2.5	0.1272	2.8	0.0196	1.3	0.46	124.9	1.6	121.6	3.3	57.5	60.0	124.9	1.6	NA
_787 Spot 31	237	20589	2.0	21.0351	1.7	0.1285	1.9	0.0196	1.0	0.51	125.2	1.2	122.7	2.2	75.4	39.8	125.2	1.2	NA
_787 Spot 36	156	329132	1.6	20.6134	1.3	0.1321	1.8	0.0198	1.2	0.68	126.1	1.5	126.0	2.1	123.3	30.3	126.1	1.5	NA
787 Spot 262	38	6444	1.3	20.4563	2.3	0.1331	2.9	0.0198	1.8	0.60	126.1	2.2	126.9	3.5	141.3	54.6	126.1	2.2	NA
787 Spot 210	193	9573	1.8	21.5363	1.7	0.1273	2.0	0.0199	1.1	0.56	127.0	1.4	121.7	2.3	19.1	39.8	127.0	1.4	NA
787 Spot 111	243	18749	1.5	21.6483	1.1	0.1270	1.6	0.0200	1.2	0.72	127.3	1.5	121.4	1.9	6.7	27.5	127.3	1.5	NA
787 Spot 135	206	26906	1.8	21.1595	1.3	0.1309	1.8	0.0201	1.3	0.72	128.3	1.7	124.9	2.1	61.3	29.9	128.3	1.7	NA
787 Spot 231	164	26522	1.2	19.7435	1.7	0.1411	2.1	0.0202	1.2	0.58	129.0	1.5	134.0	2.6	223.9	39.2	129.0	1.5	NA
787 Spot 294	278	99981	1.4	20.4649	1.2	0.1410	1.7	0.0209	1.2	0.68	133.5	1.5	133.9	2.1	140.3	29.0	133.5	1.5	NA
_787 Spot 46	1274	291159	3.7	20.3975	0.7	0.1491	1.3	0.0221	1.0	0.81	140.7	1.4	141.1	1.6	148.0	17.4	140.7	1.4	NA
787 Spot 168	117	10629	1.2	21.2995	1.8	0.1436	2.3	0.0222	1.4	0.61	141.5	2.0	136.2	2.9	45.6	44.0	141.5	2.0	NA
787 Spot 261	687	139180	1.8	20.0006	1.1	0.1537	1.6	0.0223	1.1	0.72	142.2	1.6	145.1	2.1	193.9	25.7	142.2	1.6	NA
_787 Spot 26	373	11900	2.9	21.4600	1.0	0.1443	1.5	0.0225	1.2	0.77	143.2	1.7	136.8	2.0	27.7	23.5	143.2	1.7	NA
_787 Spot 99	680	115869	4.2	20.3973	0.9	0.1540	1.4	0.0228	1.0	0.75	145.3	1.5	145.4	1.9	148.1	21.4	145.3	1.5	NA
_787 Spot 20	345	24814	6.8	20.7909	1.2	0.1528	1.8	0.0230	1.3	0.74	146.9	2.0	144.3	2.4	103.1	28.8	146.9	2.0	NA
787 Spot 266	1763	802280	2.5	20.3553	1.0	0.1573	1.5	0.0232	1.1	0.74	148.0	1.6	148.3	2.0	152.9	22.8	148.0	1.6	NA
787 Spot 218	397	19609	2.6	20.5753	1.2	0.1558	1.7	0.0233	1.1	0.68	148.2	1.7	147.0	2.3	127.7	28.7	148.2	1.7	NA
_787 Spot 78	1151	113381	3.1	20.4416	1.0	0.1576	1.6	0.0234	1.2	0.79	148.9	1.8	148.6	2.2	143.0	22.6	148.9	1.8	NA
_787 Spot 81	1111	191328	11.0	19.8758	0.9	0.1621	1.5	0.0234	1.2	0.79	149.0	1.8	152.6	2.2	208.4	21.7	149.0	1.8	NA
_787 Spot 83	2028	280970	4.0	20.3309	0.9	0.1594	1.3	0.0235	1.0	0.76	149.8	1.5	150.2	1.9	155.7	20.3	149.8	1.5	NA
_787 Spot 15	1401	51141	2.9	20.5787	0.8	0.1575	1.5	0.0235	1.2	0.84	149.8	1.9	148.5	2.1	127.3	19.1	149.8	1.9	NA
787 Spot 212	1719	102006	3.2	20.3687	0.8	0.1591	1.4	0.0235	1.1	0.82	149.9	1.6	150.0	1.9	151.4	18.4	149.9	1.6	NA
787 Spot 275	1714	464356	2.1	20.4758	0.7	0.1588	1.3	0.0236	1.1	0.83	150.4	1.6	149.7	1.8	139.1	16.8	150.4	1.6	NA
787 Spot 119	52	1622	2.2	26.2212	2.5	0.1242	2.9	0.0236	1.4	0.51	150.5	2.2	118.8	3.2	NA	NA	150.5	2.2	NA
787 Spot 121	279	66866	2.1	20.4797	1.2	0.1637	2.0	0.0243	1.6	0.80	155.0	2.5	154.0	2.9	138.6	28.0	155.0	2.5	NA
1_787 Spot 2	251	96522	1.6	19.7267	0.9	0.1751	1.6	0.0251	1.3	0.80	159.6	2.0	163.9	2.4	225.9	21.9	159.6	2.0	NA
787 Spot 247	2743	9496630	2.6	20.1677	0.8	0.1779	1.2	0.0260	0.9	0.76	165.7	1.4	166.3	1.8	174.5	17.5	165.7	1.4	NA
787 Spot 191	214	13727	1.2	20.0511	1.7	0.1880	1.9	0.0273	1.0	0.53	173.9	1.8	174.9	3.1	188.0	38.5	173.9	1.8	NA
_787 Spot 72	86	5972	2.4	21.2500	1.8	0.1787	2.2	0.0276	1.2	0.55	175.2	2.1	167.0	3.4	51.2	43.7	175.2	2.1	NA
787 Spot 213	437	80336	2.0	20.6019	1.1	0.1859	1.9	0.0278	1.5	0.81	176.7	2.7	173.1	3.0	124.6	26.2	176.7	2.7	NA
787 Spot 265	69	201276	2.3	19.6005	1.6	0.2006	1.9	0.0285	1.1	0.57	181.3	1.9	185.6	3.2	240.7	36.0	181.3	1.9	NA
787 Spot 221	191	27249	1.9	20.0845	1.3	0.1961	1.6	0.0286	1.0	0.61	181.6	1.8	181.8	2.7	184.2	30.2	181.6	1.8	NA
787 Spot 153	321	62154	1.7	19.9080	1.2	0.2063	1.6	0.0298	1.0	0.62	189.3	1.8	190.5	2.7	204.7	28.4	189.3	1.8	NA
1_787 Spot 7	128	18161	2.5	20.6433	1.5	0.2023	1.9	0.0303	1.2	0.63	192.4	2.2	187.1	3.2	119.9	34.4	192.4	2.2	NA
787 Spot 149	248	244874	1.1	19.7496	1.1	0.2149	1.9	0.0308	1.6	0.83	195.5	3.0	197.6	3.4	223.2	24.5	195.5	3.0	NA
787 Spot 193	121	15581	2.5	20.4440	1.5	0.2096	2.0	0.0311	1.3	0.65	197.4	2.5	193.2	3.5	142.7	35.6	197.4	2.5	NA
_787 Spot 51	322	89133	1.7	19.8139	1.2	0.2173	1.8	0.0312	1.4	0.76	198.3	2.7	199.6	3.3	215.7	27.7	198.3	2.7	NA
_787 Spot 16	909	114529	7.1	20.1729	0.8	0.2179	1.3	0.0319	1.0	0.81	202.4	2.1	200.1	2.3	173.9	17.6	202.4	2.1	NA
_787 Spot 63	292	48657	0.5	19.9750	0.9	0.2203	1.5	0.0319	1.2	0.79	202.6	2.4	202.1	2.8	196.9	22.0	202.6	2.4	NA
787 Spot 202	354	47361	1.2	19.7991	0.9	0.2237	1.5	0.0321	1.2	0.79	203.9	2.3	205.0	2.7	217.4	20.9	203.9	2.3	NA
_787 Spot 67	184	21574	1.3	20.4254	1.2	0.2170	1.8	0.0322	1.3	0.73	204.0	2.6	199.4	3.2	144.8	28.5	204.0	2.6	NA
787 Spot 104	1625	209377	34.3	19.5318	0.8	0.2291	1.4	0.0325	1.2	0.83	206.0	2.4	209.5	2.7	248.8	18.5	206.0	2.4	NA
787 Spot 173	1321	118352	3.9	19.9011	0.9	0.2250	1.6	0.0325	1.3	0.83	206.1	2.7	206.1	3.0	205.5	20.5	206.1	2.7	NA
1_787 Spot 9	322	43416	1.1	20.2627	1.1	0.2230	1.6	0.0328	1.1	0.71	207.9	2.3	204.4	3.0	163.5	26.3	207.9	2.3	NA
787 Spot 226	776	93903	9.7	19.5807	0.9	0.2313	1.6	0.0329	1.4	0.83	208.4	2.8	211.3	3.1	243.0	20.9	208.4	2.8	NA
787 Spot 286	331	32099	2.9	19.3396	1.1	0.2343	1.9	0.0329	1.5	0.80	208.5	3.1	213.7	3.7	271.5	26.2	208.5	3.1	NA
_787 Spot 60	822	47850	1.7	19.7028	0.9	0.2321	1.6	0.0332	1.4	0.85	210.4	2.8	211.9	3.1	228.7	19.7	210.4	2.8	NA
787 Spot 187	444	61114	2.1	19.7984	1.3	0.2315	1.9	0.0333	1.4	0.71	210.9	2.8	211.5	3.7	217.5	31.1	210.9	2.8	NA
_787 Spot 21	122	35335	3.8	20.0234	1.2	0.2304	1.9	0.0335	1.6	0.80	212.2	3.2	210.5	3.7	191.3	26.8	212.2	3.2	NA
787 Spot 183	267	74967	2.0	19.7151	0.9	0.2355	1.5	0.0337	1.2	0.80	213.6	2.5	214.7	2.9	227.2	20.6	213.6	2.5	NA
_787 Spot 58	111	6300	1.3	14.4964	3.8	0.3205	4.3	0.0337	2.0	0.47	213.7	4.2	282.3	10.5	897.3	77.8	213.7	4.2	NA
787 Spot 240	1345	799730	5.3	19.8151	0.6	0.2356	1.1	0.0339	0.9	0.80	214.7	1.8	214.8	2.1	215.5	14.8	214.7	1.8	NA
787 Spot 180	271	59929	2.0	19.8702	1.0	0.2358	1.4	0.0340	1.0	0.71	215.5	2.1	215.0	2.6	209.1	22.4	215.5	2.1	NA
_787 Spot 84	1732	440760	4.2	20.0019	0.8	0.2348	1.4	0.0341	1.1	0.81	216.0	2.4	214.2	2.8	193.8	19.7	216.0	2.4	NA
_787 Spot 77	1073	119520	3.8	19.9664	0.9	0.2353	1.6	0.0341	1.3	0.81	216.1	2.8	214.6	3.1	197.9	22.0	216.1	2.8	NA
787 Spot 281	590	98971	7.6	19.9895	0.7	0.2351	1.3	0.0341	1.1	0.82	216.1	2.2	214.4	2.5	195.2	17.0	216.1	2.2	NA
787 Spot 276	509	68566	2.4	19.9730	0.8	0.2361	1.1	0.0342	0.8	0.69	216.8	1.7	215.2	2.2	197.1	19.0	216.8	1.7	NA
787 Spot 259	547	112970	1.7	19.6428	0.9	0.2549	1.7	0.0363	1.4	0.84	230.1	3.3	230.6	3.5	235.7	21.3	230.1	3.3	NA
787 Spot 250	970	178429	11.4	16.6680	1.8	0.3695	2.9	0.0447	2.3	0.79	281.8	6.2	319.3	7.9	602.4	38.5	281.8	6.2	NA
_787 Spot 43	270	113242	1.5	19.1648	1.2	0.3322	2.1	0.0462	1.8	0.83	291.1	5.0	291.2	5.4	292.3	27.1	291.1	5.0	NA
_787 Spot 30	134	409991	2.2	19.2477	1.0	0.3682	1.4	0.0514	0.9	0.65	323.3	2.8	318.4	3.8	282.4	24.0	323.3	2.8	NA
787 Spot 165	278	55773	2.8	18.9099	1.0	0.4308	1.8	0.0591	1.5	0.84	370.2	5.5	363.8	5.6	322.8	22.2	370.2	5.5	NA
_787 Spot 52	72	12488	1.1	18.0027	1.3	0.4947	2.4	0.0646	2.0	0.83	403.7	7.9	408.1	8.1	433.3	29.9	403.7	7.9	93.2
_787 Spot 11	879	379903	1.1	18.1746	0.9	0.5204	1.4	0.0686	1.1	0.77	427.9	4.4	425.4	4.8	412.1	19.9	427.9	4.4	103.8
1_787 Spot 3	268	82609	2.4	17.8172	1.0	0.5449	1.6	0.0704	1.2	0.76	438.8	5.1	441.7	5.7	456.4	22.9	438.8	5.1	96.2
787 Spot 127	134	65418	1.3	17.7995	1.0	0.5615	1.6	0.0725	1.2	0.77	451.3	5.3	452.5	5.7	458.6	22.1	451.3	5.3	98.4

787 Spot 298	55	45507	0.6	17.7669	1.1	0.6253	1.4	0.0806	0.9	0.64	499.8	4.4	493.2	5.6	462.7	24.4	499.8	4.4	108.0
_787 Spot 82	87	75855	17.4	16.4207	1.5	0.6800	1.8	0.0810	1.0	0.54	502.2	4.7	526.8	7.4	634.7	32.8	502.2	4.7	79.1
787 Spot 170	196	43355	1.1	16.2207	1.3	0.6930	1.9	0.0816	1.3	0.71	505.5	6.5	534.6	7.8	661.0	28.3	505.5	6.5	76.5
_787 Spot 14	51	12036	0.7	18.1185	1.4	0.6222	1.8	0.0818	1.2	0.66	506.8	5.7	491.2	7.0	419.0	30.2	506.8	5.7	121.0
_787 Spot 12	266	24918	1.7	15.3959	3.2	0.7358	3.4	0.0822	1.1	0.32	509.2	5.4	560.0	14.7	771.9	67.9	509.2	5.4	66.0
787 Spot 283	534	58991398	3.6	17.3273	0.8	0.6610	1.3	0.0831	1.0	0.76	514.7	4.8	515.3	5.2	517.9	18.2	514.7	4.8	99.4
787 Spot 248	216	59751	1.5	17.6578	0.9	0.6500	1.4	0.0833	1.1	0.77	515.7	5.3	508.5	5.6	476.3	19.9	515.7	5.3	108.3
787 Spot 228	94	81411	1.9	17.8120	2.4	0.6446	5.2	0.0833	4.6	0.89	515.9	22.9	505.2	20.6	457.0	52.5	515.9	22.9	112.9
787 Spot 106	527	194399	2.1	17.5734	0.8	0.6534	1.5	0.0833	1.2	0.84	515.9	6.1	510.6	5.9	486.8	17.7	515.9	6.1	106.0
_787 Spot 27	98	49058	1.0	17.3815	1.0	0.6612	1.6	0.0834	1.2	0.76	516.3	6.0	515.3	6.4	511.0	22.8	516.3	6.0	101.0
_787 Spot 49	251	101754	2.0	17.3082	0.8	0.6653	1.6	0.0836	1.4	0.86	517.3	6.8	517.9	6.5	520.3	18.0	517.3	6.8	99.4
_787 Spot 74	379	149890	1.7	17.2799	0.8	0.6673	1.4	0.0837	1.2	0.83	518.0	5.8	519.1	5.7	523.9	17.1	518.0	5.8	98.9
787 Spot 154	204	159282	1.5	17.1085	0.8	0.6741	1.3	0.0837	1.0	0.79	518.0	5.0	523.2	5.3	545.7	17.3	518.0	5.0	94.9
787 Spot 287	360	48668	2.3	17.2530	1.0	0.6696	1.4	0.0838	1.1	0.75	518.9	5.3	520.5	5.8	527.3	20.9	518.9	5.3	98.4
787 Spot 232	343	161156	15.3	17.1957	0.8	0.6740	1.4	0.0841	1.2	0.82	520.5	5.8	523.1	5.8	534.6	17.9	520.5	5.8	97.4
787 Spot 175	481	131907	3.6	17.4818	0.8	0.6658	1.4	0.0845	1.1	0.81	522.7	5.6	518.2	5.6	498.4	17.6	522.7	5.6	104.9
787 Spot 147	571	116028	1.8	17.6053	0.7	0.6628	1.3	0.0847	1.1	0.86	523.9	5.5	516.3	5.2	482.9	14.4	523.9	5.5	108.5
787 Spot 185	185	64073	2.9	16.9852	0.8	0.6904	1.2	0.0851	0.9	0.74	526.4	4.4	533.1	4.9	561.5	17.2	526.4	4.4	93.8
787 Spot 206	149	102521	1.4	17.3338	1.1	0.6855	1.7	0.0862	1.3	0.77	533.1	6.6	530.1	6.9	517.1	23.3	533.1	6.6	103.1
_787 Spot 57	79	123113	5.0	16.8452	1.2	0.7158	1.7	0.0875	1.2	0.70	540.7	6.1	548.2	7.2	579.6	26.3	540.7	6.1	93.3
_787 Spot 40	201	435992	10.2	16.8100	1.0	0.7249	1.5	0.0884	1.2	0.77	546.2	6.2	553.6	6.5	584.1	21.1	546.2	6.2	93.5
787 Spot 167	485	458465	4.0	17.2934	0.7	0.7047	1.5	0.0884	1.3	0.87	546.2	6.8	541.6	6.3	522.2	16.2	546.2	6.8	104.6
_787 Spot 22	118	26139	1.2	16.8782	1.0	0.7224	1.5	0.0885	1.1	0.75	546.5	5.8	552.1	6.4	575.3	21.6	546.5	5.8	95.0
_787 Spot 92	136	28867	1.4	17.4165	0.9	0.7081	1.4	0.0895	1.1	0.77	552.5	5.7	543.6	5.9	506.6	19.7	552.5	5.7	109.1
787 Spot 222	117	91430	1.3	16.9751	0.8	0.7284	1.5	0.0897	1.3	0.85	553.9	6.8	555.6	6.5	562.8	17.6	553.9	6.8	98.4
787 Spot 219	78	66000	1.1	17.0446	1.2	0.7270	1.5	0.0899	1.0	0.64	555.0	5.2	554.8	6.6	553.9	26.0	555.0	5.2	100.2
787 Spot 296	109	29209	1.6	17.2651	1.0	0.7281	1.3	0.0912	0.9	0.66	562.7	4.6	555.5	5.6	525.8	21.6	562.7	4.6	107.0
_787 Spot 35	703	114899	5.0	16.9628	0.6	0.7433	1.0	0.0915	0.8	0.78	564.3	4.4	564.3	4.5	564.4	14.1	564.3	4.4	100.0
787 Spot 255	110	30571	1.4	17.0296	1.0	0.7421	1.5	0.0917	1.1	0.76	565.6	6.2	563.6	6.5	555.8	21.4	565.6	6.2	101.8
787 Spot 234	69	330618	29.9	16.6991	1.3	0.7578	1.8	0.0918	1.3	0.71	566.3	6.8	572.7	7.8	598.4	27.2	566.3	6.8	94.6
787 Spot 216	163	56204	1.1	16.7600	1.0	0.7594	1.5	0.0923	1.1	0.77	569.4	6.3	573.7	6.6	590.6	20.8	569.4	6.3	96.4
787 Spot 108	502	100360	2.7	17.0720	0.6	0.7537	1.4	0.0934	1.2	0.89	575.4	6.8	570.4	6.1	550.4	14.2	575.4	6.8	104.5
787 Spot 223	375	290072	3.8	16.9677	0.9	0.7600	1.4	0.0936	1.1	0.77	576.6	6.0	574.0	6.1	563.8	19.3	576.6	6.0	102.3
787 Spot 157	133	58145	8.2	16.9612	1.2	0.7626	2.2	0.0938	1.8	0.83	578.2	9.9	575.5	9.5	564.6	26.6	578.2	9.9	102.4
_787 Spot 79	225	41365	1.8	17.0845	0.7	0.7607	1.5	0.0943	1.3	0.88	580.9	7.4	574.4	6.6	548.8	15.4	580.9	7.4	105.9
_787 Spot 34	203	58439	1.1	16.9277	0.8	0.7714	1.4	0.0947	1.2	0.83	583.5	6.4	580.6	6.2	568.9	17.1	583.5	6.4	102.6
787 Spot 243	141	41864	217.9	17.1859	0.8	0.7664	1.3	0.0956	1.0	0.77	588.4	5.4	577.7	5.5	535.9	17.5	588.4	5.4	109.8
787 Spot 144	276	71956	1.6	16.9199	0.8	0.7841	1.3	0.0963	1.0	0.80	592.5	5.9	587.8	5.8	569.9	16.8	592.5	5.9	104.0
787 Spot 246	824	1585965	5.8	16.8801	0.7	0.7919	1.3	0.0970	1.1	0.85	596.7	6.4	592.2	6.0	575.1	15.4	596.7	6.4	103.8
787 Spot 143	163	53566	2.5	16.8782	1.0	0.7927	1.4	0.0971	1.0	0.71	597.3	5.6	592.7	6.2	575.3	21.1	597.3	5.6	103.8
787 Spot 242	291	81432	5.2	16.5484	0.8	0.8166	1.6	0.0981	1.3	0.86	603.0	7.8	606.1	7.2	618.0	17.3	603.0	7.8	97.6
787 Spot 116	653	78561	3.7	16.9625	0.6	0.8011	1.0	0.0986	0.8	0.83	606.1	4.7	597.4	4.5	564.4	12.1	606.1	4.7	107.4
787 Spot 236	258	141051	8.6	16.2268	0.9	0.8426	1.5	0.0992	1.2	0.81	609.8	7.1	620.6	7.0	660.2	18.8	609.8	7.1	92.4
_787 Spot 95	125	55479	1.6	16.5237	0.8	0.8527	1.4	0.1022	1.1	0.80	627.5	6.5	626.2	6.4	621.2	17.8	627.5	6.5	101.0
787 Spot 196	363	517553	5.2	16.3866	0.7	0.8611	1.5	0.1024	1.4	0.88	628.4	8.1	630.7	7.2	639.2	15.7	628.4	8.1	98.3
787 Spot 161	228	10193113	5.3	16.6116	0.9	0.8525	1.4	0.1028	1.1	0.80	630.5	6.7	626.0	6.6	609.8	18.4	630.5	6.7	103.4
1_787 Spot 1	203	164290	2.9	15.5318	0.9	0.9429	2.3	0.1063	2.1	0.91	651.0	12.8	674.4	11.2	753.3	19.3	651.0	12.8	86.4
787 Spot 282	418	103748	6.7	15.5988	0.8	0.9521	1.4	0.1078	1.1	0.83	659.7	7.1	679.2	6.8	744.2	16.0	659.7	7.1	88.6
787 Spot 122	39	41408	1.1	16.1431	1.0	0.9454	1.4	0.1107	0.9	0.67	677.0	6.0	675.7	6.9	671.3	22.3	677.0	6.0	100.8
_787 Spot 62	105	141004	4.8	15.9849	0.8	0.9719	1.4	0.1127	1.2	0.81	688.6	7.6	689.5	7.2	692.3	18.0	688.6	7.6	99.5
787 Spot 113	102	24583	0.9	15.9897	1.0	0.9745	1.6	0.1131	1.2	0.76	690.5	8.1	690.8	8.1	691.7	22.4	690.5	8.1	99.8
_787 Spot 32	329	99629	3.8	15.9332	1.0	1.0095	1.7	0.1167	1.4	0.83	711.6	9.6	708.6	8.7	699.2	20.3	711.6	9.6	101.8
787 Spot 181	104	31971	1.2	15.4295	0.9	1.1051	1.3	0.1237	0.8	0.67	752.0	6.0	755.8	6.7	767.3	19.9	752.0	6.0	98.0
787 Spot 215	632	205025	3.4	14.5903	0.7	1.1744	1.4	0.1243	1.2	0.85	755.4	8.3	788.7	7.5	884.0	14.8	755.4	8.3	85.5
1_787 Spot 0	83	6298948	1.3	15.3124	1.0	1.1583	1.5	0.1287	1.1	0.75	780.4	8.3	781.1	8.2	783.3	20.9	780.4	8.3	99.6
_787 Spot 47	47	22555	2.1	15.2867	1.7	1.1603	2.1	0.1287	1.2	0.57	780.4	8.8	782.1	11.4	786.8	36.1	780.4	8.8	99.2
787 Spot 156	123	385486	2.0	15.1267	0.8	1.2123	1.3	0.1331	1.1	0.82	805.3	8.2	806.2	7.4	808.9	16.1	805.3	8.2	99.6
_787 Spot 75	40	10969	1.9	14.7338	1.2	1.3054	1.7	0.1396	1.3	0.73	842.1	10.0	848.1	10.0	863.7	24.6	842.1	10.0	97.5
787 Spot 146	225	133623	6.2	14.7794	0.8	1.3234	1.5	0.1419	1.2	0.83	855.5	10.0	856.0	8.6	857.3	17.2	855.5	10.0	99.8
787 Spot 241	112	179707	3.7	14.4788	0.9	1.4188	1.5	0.1491	1.2	0.79	895.7	10.1	896.9	9.0	899.8	18.9	895.7	10.1	99.5
787 Spot 249	208	347903	2.9	14.4594	1.0	1.4293	1.6	0.1500	1.2	0.77	900.7	10.3	901.3	9.5	902.6	20.8	902.6	20.8	99.8
_787 Spot 39	639	532873	4.3	14.4509	0.6	1.4821	1.3	0.1554	1.2	0.90	931.2	10.5	923.1	8.2	903.8	12.3	903.8	12.3	103.0
_787 Spot 87	420	113247	26.1	14.4131	0.5	1.5088	1.2	0.1578	1.1	0.90	944.5	9.5	934.0	7.4	909.2	11.0	909.2	11.0	103.9
_787 Spot 97	478	5718712	5.6	14.3935	0.5	1.4935	1.1	0.1560	1.0	0.89	934.4	8.6	927.7	6.8	912.0	10.4	912.0	10.4	102.5
787 Spot 233	116	50364	2.4	14.2702	0.7	1.4974	1.3	0.1550	1.2	0.86	929.2	10.0	929.3	8.1	929.7	13.9	929.7	13.9	99.9
787 Spot 195	182	101316	2.1	14.2217	0.7	1.4817	1.2	0.1529	0.9	0.78	917.2	7.7	922.9	7.0	936.7	14.7	936.7	14.7	97.9
787 Spot 169	365	654003	3.9	14.2080	0.8	1.4950	1.6	0.1541	1.3	0.85	924.0	11.5	928.4	9.6	938.7	17.2	938.7	17.2	98.4
787 Spot 176	409	122072	3.5	14.1175	0.8	1.6194	1.3	0.1659	1.1	0.80	989.4	9.7	977.8	8.3	951.8	16.2	951.8	16.2	104.0
787 Spot 225	120	115196	4.2	14.0508	0.9	1.5452	1.3	0.1575	1.0	0.73	943.1	8.5	948.6	8.2	961.4	18.6	961.4	18.6	98.1
_787 Spot 61	252	999438	2.1	14.0263	0.8	1.5621	1.6	0.1590	1.4	0.87	951.1	12.3	955.3	10.0	965.0	16.3	965.0	16.3	98.6
787 Spot 264	145	108773	4.6	13.9632	1.0	1.6169	1.4	0.1638	1.0	0.70	977.9	9.1	976.8	9.0	974.2	20.8	974.2	20.8	100.4
787 Spot 115	322	179055	1.4	13.9546	0.8	1.6128	1.7	0.1633	1.6	0.90	975.1	14.2	975.2	10.9	975.4	15.5	975.4	15.5	100.0
787 Spot 204	758	830437	8.8	13.9443	0.7	1.4515	1.4	0.1469	1.2	0.87	883.3	10.1	910.5	8.5	976.9	14.3	976.9	14.3	90.4
_787 Spot 17	218	306679	5.9	13.9216	0.9	1.5788	1.4	0.1595	1.2	0.81	953.9	10.4	961.9	9.0	980.3	17.4	980.3	17.4	97.3
787 Spot 292	88	166796	2.6	13.8183	1.0	1.6080	1.6	0.1612	1.2	0.78	963.6	11.1	973.3	10.0	995.4	20.4	995.4	20.4	96.8
_787 Spot 10	157	124499	2.6	13.8128	0.7	1.7208	1.7	0.1725	1.6	0.90	1025.7	14.8	1016.3	11.1	996.2	14.9	996.2	14.9	103.0
787 Spot 145	950	565490	1.6	13.7609	0.6	1.6290	1.2	0.1626	1.1	0.86	971.5	9.7	981.5	7.8	1003.8	12.7	1003.8	12.7	96.8
787 Spot 141	57	241370	0.8	13.6758	1.1	1.7089	2.1	0.1696	1.8	0.86	1009.7	16.5	1011.9	13.2	1016.4	21.6	1016.4	21.6	99.3
787 Spot 273	266	151079	4.6	13.6741	0.8	1.7044	1.3	0.1691	1.1	0.81	1007.2	9.9	1010.2	8.4	1016.7	15.7	1016.7	15.7	99.1
787 Spot 284	190	102240	3.8	13.5216	0.8	1.8194	1.3	0.1785	1.1	0.79	1058.8	10.3	1052.5	8.8	1039.4	16.8	1039.4	16.8	101.9
_787 Spot 71	227	88912	7.6	13.4786	0.9	1.6205	1.5	0.1585	1.2	0.82	948.3	11.0	978.2	9.6	1045.8	17.8	1045.8	17.8	90.7
787 Spot 150	187	204605	16.3	13.4613	0.7	1.8379	1.3	0.1795	1.1	0.84	1064.3	10.6	1059.1	8.4	1048.4	14.0	1048.4	14.0	101.5
787 Spot 199	326	198169	4.0	13.4253	0.7	1.8067	1.5	0.1760	1.3	0.87	1045.1	12.4	1047.9	9.6	1053.8	14.4	1053.8	14.4	99.2
787 Spot 123	60	107050	0.8	13.3981	0.9	1.8462	1.6	0.1795	1.3	0.83	1064.1	12.8	1062.1	10.4	1057.9	17.6	1057.9	17.6	100.6
_787 Spot 98	434	1006350	5.5	13.3675	0.8	1.8260	1.5	0.1771	1.2	0.83	1051.1	11.8	1054.8	9.6	1062.5	16.3	1062.5	16.3	98.9
787 Spot 110	97	2834963	1.6	13.3473	0.9	1.8095	1.6	0.1752	1.3	0.82	1040.9	12.3	1048.9	10.3	1065.5	18.2	1065.5	18.2	97.7
787 Spot 139	222	138815	1.4	13.3104	0.8	1.8791	1.5	0.1815	1.3	0.84	1075.1	12.4	1073.7	9.9	1071.1	16.2	1071.1	16.2	100.4
_787 Spot 80	78	116660	1.2	13.2667	0.9	1.8969	1.5	0.1826	1.2	0.78	1081.2	11.5	1080.0	9.8	1077.7	18.6	1077.7	18.6	100.3
787 Spot 162	286	90863	5.8	13.2288	0.9	1.9934	1.9	0.1913	1.7	0.87	1128.6	17.2	1113.3	12.8	1083.4	18.6	1083.4	18.6	104.2
_787 Spot 94	18	12960	1.0	13.1987	1.2	1.9740	1.6	0.1890	1.0	0.66	1116.2	10.5	1106.7	10.5	1088.0	23.2	1088.0	23.2	102.6
_787 Spot 93	216	204876	8.1	13.1927	0.6	1.9354	1.3	0.1853	1.1	0.87	1095.7	11.1	1093.4	8.5	1088.9	12.8	1088.9	12.8	100.6
_787 Spot 66	158	76648	3.1	13.1681	0.9	1.9002	1.6	0.1816	1.3	0.82	1075.5	13.1	1081.2	10.8	1092.7	18.5	1092.7	18.5	98.4
787 Spot 166	369	206360	2.3	13.0850	0.8	1.9095	1.7	0.1813	1.4	0.87	1074.0	14.2	1084.4	11.0	1105.3	16.5	1105.3	16.5	97.2
787 Spot 297	70	50183	2.2	13.0083	0.9	1.9529	1.3	0.1843	0.9	0.72	1090.6	9.4	1099.4	8.7	1117.1	17.8	1117.1	17.8	97.6
1_787 Spot 5	77	103373	1.8	13.0025	1.9	1.8268	3.6	0.1723	3.1	0.85	1025.0	29.4	1055.1	23.8	1118.0	37.6	1118.0	37.6	91.7
_787 Spot 33	39	10573	1.0	12.9996	1.0	1.8962	1.5	0.1789	1.1	0.74	1060.7	11.1	1079.7	10.2	1118.4	20.6	1118.4	20.6	94.8
_787 Spot 56	100	34085	1.7	12.9931	0.9	1.9732	1.7	0.1860	1.4	0.83	1099.8	14.1	1106.4	11.3	1119.4	18.5	1119.4	18.5	98.3
787 Spot 293	119	153923	1.8	12.9548	0.9	2.0271	1.2	0.1905	0.9	0.72	1124.3	9.2	1124.7	8.5	1125.3	17.4	1125.3	17.4	99.9
787 Spot 238	96	37818	0.6	12.8857	1.1	2.1193	1.5	0.1981	1.1	0.73	1165.4	12.0	1155.1	10.6	1135.9	20.9	1135.9	20.9	102.6
787 Spot 257	133	63277	1.9	12.8744	0.8	1.9991	1.2	0.1867	0.8	0.72	1103.7	8.5	1115.2	7.9	1137.7	16.2	1137.7	16.2	97.0
787 Spot 295	83	31733	3.3	12.8656	0.8	2.1322	1.2	0.1990	1.0	0.77	1170.2	10.2	1159.3	8.6	1139.0	15.9	1139.0	15.9	102.7
787 Spot 209	31	38866	1.3	12.8368	1.1	2.0118	1.9	0.1874	1.5	0.79	1107.2	15.0	1119.5	12.6	1143.5	22.4	1143.5	22.4	96.8
787 Spot 291	123	202220	1.6	12.8362	0.8	2.1654	1.4	0.2017	1.2	0.85	1184.3	13.3	1170.0	10.1	1143.6	15.1	1143.6	15.1	103.6
787 Spot 260	91	33125	0.9	12.8323	0.6	2.0893	1.3	0.1945	1.1	0.87	1145.9	11.7	1145.3	8.9	1144.2	12.8	1144.2	12.8	100.1
787 Spot 251	283	623392	8.5	12.8179	0.9	2.0589	1.5	0.1915	1.2	0.80	1129.4	12.6	1135.3	10.4	1146.4	18.0	1146.4	18.0	98.5
787 Spot 244	38	43427	1.5	12.8099	1.1	2.0631	1.7	0.1918	1.4	0.78	1130.9	14.2	1136.6	12.0	1147.7	21.6	1147.7	21.6	98.5
787 Spot 152	242	115151	2.3	12.7853	0.9	2.0972	1.3	0.1946	0.9	0.71	1146.0	9.7	1147.9	8.9	1151.4	18.2	1151.4	18.2	99.5
_787 Spot 90	133	102435	2.2	12.7718	0.7	2.1631	1.3	0.2005	1.1	0.83	1177.8	11.8	1169.3	9.1	1153.5	14.5	1153.5	14.5	102.1
787 Spot 136	81	44298	1.8	12.7708	0.7	2.1344	1.3	0.1978	1.1	0.83	1163.4	11.8	1160.0	9.2	1153.7	14.6	1153.7	14.6	100.8
_787 Spot 54	135	95456	1.5	12.7666	0.8	1.9916	1.2	0.1845	0.9	0.75	1091.5	9.0	1112.7	8.2	1154.4	16.0	1154.4	16.0	94.6
_787 Spot 25	102	35354	1.3	12.7640	0.8	2.1109	1.2	0.1955	0.9	0.76	1151.1	9.9	1152.4	8.5	1154.8	15.9	1154.8	15.9	99.7
787 Spot 131	101	143851	1.3	12.7602	0.7	2.2332	1.4	0.2068	1.2	0.86	1211.5	13.0	1191.5	9.6	1155.4	13.9	1155.4	13.9	104.9
1_787 Spot 6	278	162577	2.6	12.7532	0.7	2.0992	1.4	0.1943	1.3	0.87	1144.4	13.1	1148.6	9.9	1156.4	14.4	1156.4	14.4	99.0
787 Spot 271	64	61265	1.1	12.7470	1.0	2.1672	1.5	0.2004	1.1	0.75	1177.7	12.2	1170.6	10.6	1157.4	20.0	1157.4	20.0	101.8
787 Spot 290	173	220600	8.7	12.7467	0.9	2.0568	1.6	0.1902	1.3	0.81	1122.6	13.1	1134.6	10.7	1157.5	18.3	1157.5	18.3	97.0
787 Spot 120	55	43829	1.2	12.7328	1.0	2.1111	1.6	0.1950	1.3	0.78	1148.6	13.3	1152.4	11.1	1159.6	19.9	1159.6	19.9	99.0
787 Spot 118	289	258100	3.5	12.7183	0.8	2.2211	1.6	0.2050	1.4	0.85	1202.0	14.9	1187.7	11.2	1161.9	16.7	1161.9	16.7	103.5
787 Spot 178	103	1226989	0.6	12.7114	1.0	2.0908	1.5	0.1928	1.1	0.75	1136.7	11.6	1145.8	10.2	1162.9	19.6	1162.9	19.6	97.7
_787 Spot 29	138	43874	1.2	12.6960	1.1	2.1129	1.6	0.1946	1.2	0.76	1146.5	12.9	1153.0	11.2	1165.3	20.8	1165.3	20.8	98.4
787 Spot 137	226	253734	2.4	12.6374	0.7	2.2448	1.4	0.2058	1.2	0.85	1206.6	12.9	1195.2	9.6	1174.6	14.2	1174.6	14.2	102.7
787 Spot 134	150	2175909	1.2	12.6248	0.7	2.1457	1.2	0.1966	1.0	0.82	1156.8	10.2	1163.7	8.1	1176.5	13.2	1176.5	13.2	98.3
787 Spot 272	137	95010	1.5	12.6025	0.9	2.1242	1.6	0.1942	1.4	0.85	1144.3	14.6	1156.7	11.3	1180.0	16.9	1180.0	16.9	97.0
_787 Spot 59	97	117855	1.8	12.5821	0.7	2.2227	1.6	0.2029	1.4	0.89	1191.0	15.7	1188.2	11.3	1183.2	14.3	1183.2	14.3	100.7

787 Spot 194	410	417362	1.8	12.5820	0.9	2.1027	1.4	0.1920	1.1	0.77	1132.0	11.6	1149.7	9.9	1183.2	18.1	1183.2	18.1	95.7
_787 Spot 96	166	183318	0.7	12.5793	0.9	2.1309	1.5	0.1945	1.2	0.79	1145.7	12.2	1158.9	10.1	1183.7	17.8	1183.7	17.8	96.8
787 Spot 142	227	103970	3.0	12.5633	0.6	2.2811	1.3	0.2079	1.2	0.89	1217.8	13.3	1206.5	9.5	1186.2	12.3	1186.2	12.3	102.7
787 Spot 151	50	201290	2.1	12.5523	0.9	2.2047	1.3	0.2008	1.0	0.72	1179.6	10.4	1182.5	9.3	1187.9	18.2	1187.9	18.2	99.3
_787 Spot 64	145	1299741	2.1	12.5504	0.8	2.1767	1.3	0.1982	1.1	0.81	1165.7	11.4	1173.6	9.2	1188.2	15.1	1188.2	15.1	98.1
787 Spot 245	103	174460	1.0	12.4578	0.9	2.2545	1.3	0.2038	1.0	0.75	1195.6	10.8	1198.2	9.3	1202.8	17.1	1202.8	17.1	99.4
787 Spot 159	95	58492	1.2	12.4281	0.7	2.1397	1.2	0.1929	1.0	0.83	1137.3	10.1	1161.7	8.1	1207.5	13.0	1207.5	13.0	94.2
787 Spot 217	28	27052	1.8	12.4064	0.9	2.2579	1.4	0.2033	1.0	0.73	1192.8	10.9	1199.3	9.6	1210.9	18.4	1210.9	18.4	98.5
_787 Spot 88	438	343717	12.3	12.3986	0.8	2.2650	1.4	0.2038	1.2	0.84	1195.5	12.9	1201.5	9.9	1212.2	14.9	1212.2	14.9	98.6
787 Spot 214	177	92997	1.0	12.3326	0.6	2.3054	1.5	0.2063	1.4	0.92	1209.1	15.2	1214.0	10.6	1222.6	11.4	1222.6	11.4	98.9
787 Spot 224	155	78373	4.8	12.3310	1.0	2.3566	1.6	0.2109	1.3	0.81	1233.4	14.9	1229.6	11.6	1222.9	18.7	1222.9	18.7	100.9
787 Spot 258	351	802573	1.3	12.1311	0.5	2.5206	1.1	0.2219	1.0	0.89	1291.7	11.9	1278.0	8.4	1255.0	10.5	1255.0	10.5	102.9
787 Spot 160	176	203597	1.4	11.9764	0.8	2.3127	1.3	0.2010	1.0	0.78	1180.5	10.9	1216.2	9.2	1280.0	15.6	1280.0	15.6	92.2
787 Spot 192	147	118796	2.4	11.9437	0.7	2.4218	1.2	0.2099	1.0	0.82	1228.1	11.3	1249.1	8.9	1285.3	13.8	1285.3	13.8	95.6
787 Spot 172	177	176938	3.0	11.3472	0.9	2.8548	1.5	0.2350	1.1	0.78	1360.9	14.0	1370.1	11.0	1384.4	17.5	1384.4	17.5	98.3
_787 Spot 73	231	1006017	2.4	11.2292	0.7	2.9797	1.3	0.2428	1.1	0.83	1401.1	13.9	1402.4	10.1	1404.5	14.3	1404.5	14.3	99.8
787 Spot 289	102	137929	2.7	11.0504	0.8	3.1093	1.2	0.2493	0.9	0.77	1434.9	12.1	1435.0	9.3	1435.1	14.7	1435.1	14.7	100.0
787 Spot 177	241	141223	6.2	11.0390	0.7	3.0264	1.4	0.2424	1.2	0.85	1399.2	14.6	1414.3	10.4	1437.1	13.9	1437.1	13.9	97.4
787 Spot 174	85	62781	1.8	10.9801	0.8	2.9834	1.6	0.2377	1.4	0.88	1374.7	17.5	1403.4	12.3	1447.3	14.9	1447.3	14.9	95.0
787 Spot 252	152	164580	3.5	10.8625	0.7	3.2955	1.4	0.2597	1.2	0.85	1488.5	15.5	1480.0	10.7	1467.8	13.7	1467.8	13.7	101.4
_787 Spot 91	722	988132	4.5	10.8523	0.9	3.1323	1.6	0.2466	1.3	0.80	1421.2	16.2	1440.7	12.1	1469.6	17.8	1469.6	17.8	96.7
_787 Spot 89	138	164893	2.4	10.7613	0.8	3.2198	1.3	0.2514	1.0	0.81	1445.7	13.6	1461.9	10.0	1485.5	14.4	1485.5	14.4	97.3
787 Spot 288	155	82458	2.5	10.7460	0.9	3.2446	1.4	0.2530	1.1	0.78	1453.9	14.1	1467.9	10.8	1488.2	16.5	1488.2	16.5	97.7
787 Spot 128	177	1846211	2.5	10.7003	0.8	3.0232	1.5	0.2347	1.2	0.84	1359.2	15.1	1413.5	11.3	1496.3	15.2	1496.3	15.2	90.8
787 Spot 254	493	320232	30.3	10.6506	0.8	3.3314	1.4	0.2574	1.2	0.83	1476.7	15.7	1488.4	11.1	1505.1	15.0	1505.1	15.0	98.1
_787 Spot 68	708	282610	9.8	10.6197	0.7	3.2013	1.4	0.2467	1.2	0.86	1421.3	15.4	1457.5	10.8	1510.6	13.2	1510.6	13.2	94.1
_787 Spot 86	269	872144	18.7	10.5860	0.7	3.3859	1.5	0.2601	1.3	0.86	1490.2	16.7	1501.1	11.4	1516.6	14.0	1516.6	14.0	98.3
787 Spot 164	39	29087	2.1	10.4856	0.8	3.4442	1.5	0.2620	1.2	0.83	1500.3	16.4	1514.6	11.7	1534.5	15.7	1534.5	15.7	97.8
787 Spot 117	152	898877	0.9	10.2577	0.7	3.7814	1.0	0.2814	0.8	0.77	1598.6	11.3	1588.8	8.3	1575.8	12.2	1575.8	12.2	101.4
787 Spot 299	49	111070	1.6	10.1471	0.9	3.7408	1.7	0.2754	1.4	0.84	1568.2	19.5	1580.1	13.4	1596.0	16.9	1596.0	16.9	98.3
787 Spot 100	20	25154	1.7	10.1244	1.1	3.7158	1.6	0.2730	1.2	0.76	1555.8	16.9	1574.8	12.9	1600.2	19.7	1600.2	19.7	97.2
_787 Spot 45	72	96906	1.6	10.1193	1.0	3.8402	1.6	0.2820	1.3	0.79	1601.3	18.4	1601.2	13.1	1601.2	18.5	1601.2	18.5	100.0
787 Spot 235	184	349659	1.7	10.0589	0.7	3.7627	1.3	0.2746	1.2	0.86	1564.2	16.0	1584.8	10.7	1612.3	12.5	1612.3	12.5	97.0
_787 Spot 41	72	59559	0.9	10.0264	0.7	3.9964	1.4	0.2907	1.2	0.85	1645.2	16.8	1633.5	11.0	1618.3	13.1	1618.3	13.1	101.7
1_787 Spot 8	163	99271	1.1	10.0010	0.7	4.0177	1.2	0.2915	1.0	0.84	1649.3	15.0	1637.8	10.0	1623.1	12.5	1623.1	12.5	101.6
787 Spot 186	34	54971	0.8	9.9868	1.0	3.9356	1.4	0.2852	1.0	0.73	1617.4	14.9	1621.0	11.5	1625.7	18.1	1625.7	18.1	99.5
787 Spot 109	325	443205	7.0	9.7006	0.8	4.0342	1.5	0.2840	1.3	0.85	1611.2	18.6	1641.1	12.4	1679.6	14.7	1679.6	14.7	95.9
_787 Spot 50	220	204697	2.5	9.5650	0.6	4.5156	1.3	0.3134	1.1	0.89	1757.4	17.3	1733.9	10.5	1705.6	10.7	1705.6	10.7	103.0
787 Spot 201	412	279217	3.5	9.5595	0.8	4.1498	1.5	0.2878	1.3	0.87	1630.7	19.3	1664.2	12.6	1706.6	13.9	1706.6	13.9	95.6
787 Spot 148	792	160190159	8.6	9.4543	0.6	4.1668	1.2	0.2858	1.0	0.87	1620.7	14.9	1667.5	9.8	1727.0	10.8	1727.0	10.8	93.8
1_787 Spot 4	23	65935	0.7	9.4185	0.8	4.4519	1.4	0.3042	1.1	0.82	1712.3	17.1	1722.1	11.6	1733.9	14.8	1733.9	14.8	98.8
_787 Spot 65	474	4262146	12.9	9.3823	0.5	4.4725	1.3	0.3045	1.1	0.90	1713.4	17.2	1725.9	10.5	1741.0	10.0	1741.0	10.0	98.4
787 Spot 274	126	798286	1.5	9.3688	0.7	4.5233	1.3	0.3075	1.1	0.83	1728.3	16.5	1735.3	11.0	1743.6	13.6	1743.6	13.6	99.1
_787 Spot 23	28	34007	1.5	9.3015	1.0	4.6927	1.5	0.3167	1.2	0.78	1773.7	18.6	1765.9	12.9	1756.8	17.7	1756.8	17.7	101.0
787 Spot 279	259	849538	1.1	9.2937	0.7	4.5262	1.5	0.3052	1.3	0.89	1717.1	20.1	1735.8	12.5	1758.3	12.5	1758.3	12.5	97.7
_787 Spot 13	210	365723	1.9	9.2394	0.6	4.7896	1.2	0.3211	1.0	0.87	1795.1	16.0	1783.1	9.9	1769.1	10.8	1769.1	10.8	101.5
787 Spot 227	419	135400	3.6	9.1508	0.7	4.5486	1.3	0.3020	1.1	0.84	1701.3	16.5	1739.9	10.9	1786.6	12.8	1786.6	12.8	95.2
_787 Spot 42	123	76025	2.1	9.0437	0.9	5.0312	1.9	0.3301	1.7	0.88	1839.1	26.7	1824.6	16.1	1808.1	16.7	1808.1	16.7	101.7
787 Spot 269	366	6694176	2.4	9.0193	0.8	4.8264	1.5	0.3159	1.3	0.85	1769.4	19.5	1789.5	12.6	1813.0	14.5	1813.0	14.5	97.6
_787 Spot 24	52	205519	1.3	8.8528	0.7	5.0362	1.3	0.3235	1.1	0.86	1806.8	17.2	1825.4	10.8	1846.7	11.8	1846.7	11.8	97.8
787 Spot 263	153	344804	2.2	8.7942	0.7	5.1589	1.2	0.3292	1.0	0.82	1834.4	15.8	1845.9	10.2	1858.8	12.4	1858.8	12.4	98.7
787 Spot 239	185	1333520	3.3	8.5875	0.7	5.3979	1.2	0.3363	1.0	0.84	1869.0	16.2	1884.5	10.2	1901.6	11.7	1901.6	11.7	98.3
787 Spot 253	314	914512	4.4	8.5846	0.9	4.5876	1.5	0.2858	1.2	0.80	1620.3	17.1	1747.0	12.4	1902.2	16.0	1902.2	16.0	85.2
787 Spot 220	702	23892879	15.0	8.4050	0.7	4.9488	1.5	0.3018	1.3	0.89	1700.2	19.4	1810.6	12.3	1940.1	11.7	1940.1	11.7	87.6
787 Spot 129	255	647896	4.4	8.2835	0.6	5.9725	1.1	0.3590	0.9	0.83	1977.3	15.0	1971.8	9.3	1966.1	10.7	1966.1	10.7	100.6
787 Spot 200	142	177604	1.6	8.1497	0.8	5.4953	1.3	0.3250	1.0	0.75	1813.9	15.3	1899.9	11.1	1995.1	15.1	1995.1	15.1	90.9
787 Spot 140	77	827092	2.3	8.0979	0.7	6.3200	1.2	0.3713	1.0	0.82	2035.7	17.3	2021.2	10.6	2006.4	12.3	2006.4	12.3	101.5
787 Spot 138	136	134391	1.1	8.0327	0.8	5.9634	1.4	0.3476	1.1	0.82	1923.0	18.7	1970.5	11.9	2020.8	13.7	2020.8	13.7	95.2
787 Spot 179	40	124580	1.5	7.6987	0.6	6.4948	1.1	0.3628	1.0	0.85	1995.4	16.8	2045.2	10.1	2095.7	10.6	2095.7	10.6	95.2
_787 Spot 28	56	102844	1.1	7.6626	0.8	6.4096	1.4	0.3564	1.2	0.84	1964.9	20.4	2033.6	12.6	2104.0	13.8	2104.0	13.8	93.4
787 Spot 132	104	95718	1.5	7.4452	0.8	7.2678	1.6	0.3926	1.4	0.86	2134.9	25.1	2144.9	14.4	2154.4	14.6	2154.4	14.6	99.1
787 Spot 230	27	32131	2.3	7.3409	1.1	7.0781	1.9	0.3770	1.6	0.83	2062.3	27.5	2121.3	16.8	2178.9	18.5	2178.9	18.5	94.6
787 Spot 211	150	2838941	3.2	7.3004	0.7	6.5435	1.3	0.3466	1.1	0.86	1918.4	18.6	2051.8	11.5	2188.6	11.4	2188.6	11.4	87.7
787 Spot 267	144	310051	2.3	7.2389	1.1	6.2946	1.6	0.3306	1.2	0.75	1841.4	19.7	2017.7	14.4	2203.3	18.8	2203.3	18.8	83.6
787 Spot 102	306	291461	6.3	7.0262	0.9	7.5085	1.7	0.3828	1.4	0.84	2089.3	25.8	2174.0	15.4	2254.9	16.0	2254.9	16.0	92.7
787 Spot 197	41	114154	1.9	6.6520	1.2	8.4955	1.8	0.4100	1.4	0.77	2215.1	26.7	2285.4	16.8	2348.9	20.1	2348.9	20.1	94.3
_787 Spot 69	117	94686	3.1	6.5336	1.0	7.8103	1.8	0.3703	1.5	0.82	2030.6	25.6	2209.4	16.2	2379.6	17.8	2379.6	17.8	85.3
787 Spot 163	352	302513	3.2	6.4429	0.6	8.3631	1.1	0.3910	0.9	0.81	2127.3	16.2	2271.2	10.0	2403.4	11.0	2403.4	11.0	88.5
787 Spot 190	79	864078	0.7	6.3712	0.7	9.0797	1.3	0.4197	1.1	0.82	2259.3	20.1	2346.1	11.8	2422.4	12.7	2422.4	12.7	93.3
787 Spot 171	102	286864	1.2	6.3082	0.6	9.3958	1.2	0.4301	1.1	0.87	2306.0	20.9	2377.4	11.4	2439.2	10.3	2439.2	10.3	94.5
787 Spot 203	66	196729	0.7	6.2205	0.6	10.3144	1.2	0.4655	1.0	0.86	2464.0	21.3	2463.4	11.2	2462.9	10.3	2462.9	10.3	100.0
787 Spot 158	92	13653936	1.6	6.1590	0.8	9.4737	1.3	0.4234	1.1	0.80	2275.7	20.6	2385.0	12.3	2479.7	13.4	2479.7	13.4	91.8
787 Spot 278	136	338060	1.4	6.1323	0.7	10.2045	1.4	0.4541	1.2	0.85	2413.2	24.1	2453.5	13.0	2487.0	12.5	2487.0	12.5	97.0
787 Spot 105	115	91114	1.5	5.9839	0.7	11.1945	1.4	0.4861	1.2	0.87	2553.6	26.1	2539.5	13.3	2528.2	11.9	2528.2	11.9	101.0
787 Spot 229	387	1069436	7.4	5.7944	0.7	10.7842	1.6	0.4534	1.4	0.90	2410.3	28.7	2504.7	14.8	2582.1	11.7	2582.1	11.7	93.3
787 Spot 277	77	142599	1.9	5.7658	0.8	11.5476	1.1	0.4831	0.8	0.71	2540.8	16.3	2568.4	10.3	2590.3	12.9	2590.3	12.9	98.1
787 Spot 198	65	62483	1.2	5.6324	0.7	11.9552	1.1	0.4886	0.9	0.78	2564.5	18.1	2600.9	10.3	2629.3	11.5	2629.3	11.5	97.5
_787 Spot 53	99	65620	1.5	5.6225	0.8	12.2173	1.0	0.4984	0.7	0.66	2607.0	14.8	2621.2	9.9	2632.2	13.2	2632.2	13.2	99.0
_787 Spot 85	34	127393	1.0	5.5695	0.8	12.2247	1.3	0.4940	1.0	0.75	2588.0	20.4	2621.8	12.0	2648.0	14.0	2648.0	14.0	97.7
787 Spot 205	116	265137	3.4	5.5564	0.7	12.0566	1.3	0.4861	1.0	0.81	2553.7	21.3	2608.8	11.7	2651.9	12.3	2651.9	12.3	96.3
787 Spot 189	573	14419	0.7	5.4012	1.2	11.4044	2.0	0.4469	1.6	0.78	2381.6	31.0	2556.8	18.6	2698.8	20.6	2698.8	20.6	88.2
787 Spot 188	86	186269	4.4	5.3781	0.6	12.6010	1.2	0.4917	1.0	0.86	2578.1	22.1	2650.3	11.4	2705.8	10.4	2705.8	10.4	95.3
_787 Spot 37	173	209044	3.7	5.1094	0.8	12.2556	1.3	0.4544	1.0	0.79	2414.6	20.7	2624.2	12.3	2790.1	13.3	2790.1	13.3	86.5
787 Spot 124	411	228036	79.1	4.4872	0.6	15.6807	1.2	0.5105	1.0	0.84	2658.9	21.2	2857.5	11.0	3000.7	10.0	3000.7	10.0	88.6
787 Spot 133	123	443933	26.2	4.4403	0.7	14.2616	1.2	0.4595	0.9	0.79	2437.3	18.5	2767.3	11.0	3017.6	11.4	3017.6	11.4	80.8
_787 Spot 48	70	57366	5.4	3.9938	0.8	21.8789	1.4	0.6340	1.1	0.79	3165.5	27.1	3178.4	13.2	3186.5	13.1	3186.5	13.1	99.3
_787 Spot 55	118	535371	2.3	3.8062	0.7	23.0926	1.2	0.6377	1.0	0.80	3180.2	24.8	3230.9	12.1	3262.5	11.8	3262.5	11.8	97.5

Sample: 62618DA1_732																			
_732 Spot 85	455	20302	1.0	20.4029	1.9	0.0913	2.2	0.0135	1.2	0.52	86.6	1.0	88.8	1.9	147.4	44.4	86.6	1.0	NA
732 Spot 170	350	2637	1.2	21.1508	4.2	0.0919	4.3	0.0141	1.1	0.25	90.3	1.0	89.2	3.7	62.3	99.1	90.3	1.0	NA
732 Spot 281	125	1289	1.5	13.3120	9.4	0.1546	9.8	0.0149	3.0	0.30	95.5	2.8	145.9	13.4	1070.9	188.7	95.5	2.8	NA
732 Spot 262	1018	49862	3.6	20.5043	1.6	0.1203	2.3	0.0179	1.7	0.73	114.3	1.9	115.3	2.5	135.8	37.8	114.3	1.9	NA
732 Spot 227	903	386838	0.8	20.6762	1.0	0.1249	1.4	0.0187	1.0	0.70	119.6	1.2	119.5	1.6	116.1	24.3	119.6	1.2	NA
732 Spot 260	242	2721	1.0	23.1640	1.6	0.1132	2.1	0.0190	1.4	0.64	121.5	1.6	108.9	2.2	NA	NA	121.5	1.6	NA
732 Spot 273	141	1730	1.2	25.6281	2.3	0.1049	2.7	0.0195	1.3	0.47	124.5	1.6	101.3	2.6	NA	NA	124.5	1.6	NA
732 Spot 113	2072	30704	2.2	20.2867	1.1	0.1338	1.6	0.0197	1.1	0.71	125.7	1.4	127.5	1.9	160.8	25.6	125.7	1.4	NA
732 Spot 295	241	4174	0.8	22.2062	4.5	0.1224	4.6	0.0197	1.3	0.28	125.9	1.6	117.2	5.1	NA	NA	125.9	1.6	NA
732 Spot 231	210	116053	1.2	21.3355	2.3	0.1282	2.7	0.0198	1.4	0.52	126.7	1.8	122.5	3.1	41.6	55.2	126.7	1.8	NA
_732 Spot 23	373	7849	1.2	21.0200	1.9	0.1312	2.3	0.0200	1.4	0.61	127.7	1.8	125.2	2.8	77.1	44.1	127.7	1.8	NA
732 Spot 264	366	62222	3.7	20.2300	1.5	0.1373	2.0	0.0202	1.2	0.62	128.6	1.6	130.7	2.4	167.3	36.2	128.6	1.6	NA
732 Spot 212	369	7392	1.5	21.4332	2.0	0.1298	2.4	0.0202	1.3	0.56	128.8	1.7	123.9	2.8	30.6	47.8	128.8	1.7	NA
732 Spot 230	600	36632	1.5	20.9358	1.3	0.1350	1.8	0.0205	1.3	0.70	130.9	1.6	128.6	2.2	86.6	30.7	130.9	1.6	NA
732 Spot 145	150	3696	1.0	22.3025	2.5	0.1276	2.8	0.0206	1.2	0.44	131.7	1.6	121.9	3.2	NA	NA	131.7	1.6	NA
732 Spot 174	948	192150	1.2	20.5209	1.3	0.1421	1.8	0.0212	1.3	0.73	135.0	1.8	135.0	2.3	133.9	29.4	135.0	1.8	NA
_732 Spot 16	1401	288546	4.5	20.5450	0.8	0.1547	1.4	0.0231	1.2	0.84	147.0	1.7	146.1	1.9	131.1	18.2	147.0	1.7	NA
_732 Spot 75	1613	24582	1.2	20.2073	1.1	0.1574	2.0	0.0231	1.6	0.81	147.1	2.3	148.5	2.7	169.9	26.7	147.1	2.3	NA
732 Spot 173	2342	2519591	3.2	20.3128	0.9	0.1568	1.5	0.0231	1.2	0.80	147.3	1.7	147.9	2.0	157.8	20.6	147.3	1.7	NA
732 Spot 239	2379	251981	31.3	20.0186	0.9	0.1595	1.4	0.0232	1.1	0.80	147.7	1.7	150.3	2.0	191.8	20.1	147.7	1.7	NA
_732 Spot 89	2345	63198	3.3	20.4398	0.7	0.1570	1.2	0.0233	1.0	0.81	148.4	1.5	148.1	1.7	143.2	17.0	148.4	1.5	NA
_732 Spot 54	870	32401	1.6	20.2400	1.1	0.1636	1.6	0.0240	1.2	0.76	153.0	1.9	153.8	2.3	166.2	24.6	153.0	1.9	NA
_732 Spot 96	425	48405	2.1	19.9365	1.3	0.1677	2.0	0.0243	1.6	0.78	154.5	2.4	157.4	2.9	201.4	29.4	154.5	2.4	NA
732 Spot 178	469	63997	1.0	20.3020	1.2	0.1680	1.7	0.0247	1.3	0.74	157.6	2.0	157.7	2.5	159.0	27.0	157.6	2.0	NA
732 Spot 233	700	12431	1.3	20.8028	1.3	0.1655	1.7	0.0250	1.1	0.63	159.0	1.7	155.5	2.4	101.7	30.6	159.0	1.7	NA
732 Spot 294	288	9593	1.2	19.8131	1.5	0.2030	1.9	0.0292	1.2	0.63	185.4	2.2	187.6	3.3	215.8	34.6	185.4	2.2	NA
732 Spot 272	343	14006	1.9	20.6562	1.7	0.1975	2.3	0.0296	1.6	0.68	188.0	2.9	183.0	3.9	118.4	40.2	188.0	2.9	NA
732 Spot 249	1142	53671	0.3	20.1788	0.9	0.2105	1.4	0.0308	1.1	0.79	195.7	2.1	194.0	2.5	173.2	20.0	195.7	2.1	NA
732 Spot 274	948	12428	0.8	20.3255	1.2	0.2099	1.8	0.0310	1.4	0.78	196.5	2.8	193.5	3.2	156.3	27.2	196.5	2.8	NA
_732 Spot 33	864	22766	1.1	19.4246	1.0	0.2244	1.6	0.0316	1.2	0.75	200.7	2.3	205.5	2.9	261.4	23.7	200.7	2.3	NA
732 Spot 219	326	69000	1.5	19.6723	1.1	0.2232	1.5	0.0319	1.0	0.67	202.2	2.1	204.6	2.8	232.2	26.2	202.2	2.1	NA
732 Spot 127	1125	41412	4.5	19.7742	0.8	0.2237	1.6	0.0321	1.4	0.85	203.6	2.7	204.9	3.0	220.3	19.6	203.6	2.7	NA
_732 Spot 26	1378	45257	1.8	19.8241	0.9	0.2242	1.5	0.0322	1.1	0.79	204.6	2.3	205.4	2.7	214.5	20.7	204.6	2.3	NA
732 Spot 217	369	47250	1.3	20.0185	1.3	0.2225	2.0	0.0323	1.5	0.75	205.0	3.1	204.0	3.8	191.9	31.3	205.0	3.1	NA

?32 Spot 257	3642	97524	1.8	19.7047	0.6	0.2263	1.3	0.0324	1.2	0.88	205.3	2.4	207.2	2.5	228.4	14.8	205.3	2.4	NA
_732 Spot 97	2473	52742	5.2	19.8660	0.8	0.2263	1.3	0.0326	1.0	0.78	206.9	2.1	207.1	2.5	209.6	19.2	206.9	2.1	NA
_732 Spot 87	3834	77125	5.9	20.0695	0.7	0.2242	1.2	0.0326	1.0	0.80	207.1	2.0	205.4	2.3	185.9	17.3	207.1	2.0	NA
?32 Spot 110	2252	66814	2.8	19.8032	0.9	0.2284	1.5	0.0328	1.3	0.83	208.2	2.6	208.9	2.9	216.9	20.0	208.2	2.6	NA
?32 Spot 117	2338	74754	4.6	19.7603	0.8	0.2290	1.5	0.0328	1.3	0.86	208.2	2.6	209.3	2.8	222.0	17.5	208.2	2.6	NA
_732 Spot 18	811	18380	1.1	19.7923	1.1	0.2297	1.8	0.0330	1.4	0.80	209.2	2.9	210.0	3.4	218.2	24.7	209.2	2.9	NA
_732 Spot 80	1909	428891	3.1	19.5868	0.9	0.2327	1.7	0.0331	1.5	0.86	209.7	3.0	212.4	3.3	242.3	20.3	209.7	3.0	NA
?32 Spot 203	1759	51898	1.8	20.0371	0.9	0.2280	1.6	0.0331	1.4	0.84	210.2	2.8	208.5	3.1	189.7	20.6	210.2	2.8	NA
_732 Spot 24	3310	114318	5.2	19.7369	0.8	0.2343	1.3	0.0336	1.0	0.78	212.7	2.1	213.7	2.4	224.7	18.3	212.7	2.1	NA
?32 Spot 293	1287	40842	1.7	19.7300	1.0	0.2345	1.6	0.0336	1.2	0.77	212.9	2.6	213.9	3.1	225.5	23.7	212.9	2.6	NA
_732 Spot 62	841	80177	1.8	20.0098	1.2	0.2325	1.7	0.0338	1.2	0.69	214.0	2.4	212.3	3.2	192.9	27.8	214.0	2.4	NA
?32 Spot 168	570	48066	1.6	19.8673	0.9	0.2365	1.5	0.0341	1.3	0.82	216.1	2.7	215.6	3.0	209.4	20.3	216.1	2.7	NA
?32 Spot 238	707	24006	1.7	20.2344	1.1	0.2347	1.5	0.0345	1.0	0.69	218.4	2.2	214.1	2.9	166.8	25.1	218.4	2.2	NA
?32 Spot 166	1118	28291	0.9	19.7944	1.1	0.2467	1.7	0.0354	1.2	0.75	224.5	2.7	223.9	3.3	217.9	25.3	224.5	2.7	NA
?32 Spot 236	407	25467	1.8	19.8043	1.1	0.2812	1.8	0.0404	1.4	0.79	255.4	3.5	251.6	3.9	216.8	25.1	255.4	3.5	NA
?32 Spot 291	256	82981	2.8	16.1704	2.1	0.5583	2.5	0.0655	1.4	0.54	409.0	5.4	450.4	9.2	667.7	45.7	409.0	5.4	61.3
?32 Spot 131	159	5381	1.1	19.2125	1.2	0.4712	1.7	0.0657	1.1	0.66	410.1	4.3	392.0	5.4	286.6	28.5	410.1	4.3	143.1
?32 Spot 265	436	38119	2.0	17.4365	0.9	0.6214	1.4	0.0786	1.0	0.76	487.9	4.9	490.7	5.3	504.1	19.6	487.9	4.9	96.8
?32 Spot 247	337	49447	1.3	17.4843	1.0	0.6268	1.6	0.0795	1.3	0.79	493.2	6.1	494.1	6.4	498.0	22.2	493.2	6.1	99.0
?32 Spot 198	312	29812	1.4	17.5188	0.9	0.6452	1.4	0.0820	1.1	0.75	508.1	5.2	505.5	5.7	493.7	20.7	508.1	5.2	102.9
_732 Spot 39	335	26448	0.8	17.3906	1.1	0.6529	1.7	0.0824	1.3	0.76	510.3	6.5	510.2	6.9	509.9	24.4	510.3	6.5	100.1
?32 Spot 120	431	72077	2.5	17.2777	1.2	0.6590	1.9	0.0826	1.5	0.78	511.7	7.4	514.0	7.8	524.2	26.9	511.7	7.4	97.6
_732 Spot 25	151	86989	1.1	17.8919	1.4	0.6372	1.8	0.0827	1.2	0.64	512.3	5.8	500.6	7.2	447.1	30.8	512.3	5.8	114.6
?32 Spot 159	322	112958	1.0	17.2497	1.2	0.6612	1.7	0.0828	1.2	0.69	512.5	5.7	515.3	6.8	527.8	26.6	512.5	5.7	97.1
_732 Spot 91	598	20932	1.0	17.5263	1.0	0.6547	2.3	0.0833	2.1	0.90	515.5	10.2	511.4	9.2	492.8	22.2	515.5	10.2	104.6
?32 Spot 140	373	49887	1.9	17.0526	0.8	0.6738	1.5	0.0834	1.3	0.84	516.2	6.3	523.0	6.2	552.9	17.9	516.2	6.3	93.4
_732 Spot 66	575	41735	1.8	17.3580	0.9	0.6620	1.5	0.0834	1.2	0.81	516.3	6.0	515.8	6.1	514.0	19.4	516.3	6.0	100.4
?32 Spot 278	822	129288	13.9	17.1090	1.0	0.6769	1.6	0.0840	1.3	0.80	520.1	6.4	524.9	6.6	545.7	21.1	520.1	6.4	95.3
_732 Spot 52	589	91875	1.5	17.2239	0.8	0.6785	1.4	0.0848	1.2	0.83	524.7	5.9	525.9	5.8	531.0	17.1	524.7	5.9	98.8
?32 Spot 250	1624	340557	68.5	17.3679	0.9	0.6739	1.6	0.0849	1.3	0.82	525.4	6.5	523.1	6.4	512.8	19.6	525.4	6.5	102.5
?32 Spot 215	227	48939	0.9	17.2004	1.0	0.6825	1.5	0.0852	1.1	0.73	527.0	5.4	528.3	6.0	534.0	21.6	527.0	5.4	98.7
?32 Spot 279	137	5190	0.8	17.6253	1.3	0.6722	1.7	0.0860	1.2	0.68	531.7	6.1	522.1	7.1	480.3	28.3	531.7	6.1	110.7
_732 Spot 71	86	8809	1.1	16.2825	1.6	0.7329	2.0	0.0866	1.2	0.59	535.3	6.0	558.2	8.5	652.9	34.1	535.3	6.0	82.0
?32 Spot 129	396	55207	1.1	17.3127	0.8	0.6905	1.4	0.0867	1.1	0.81	536.2	5.8	533.1	5.8	519.7	17.7	536.2	5.8	103.2
?32 Spot 223	1515	55401	5.4	16.9951	0.9	0.7108	1.5	0.0877	1.2	0.81	541.7	6.2	545.3	6.2	560.2	19.1	541.7	6.2	96.7
?32 Spot 134	603	767170	155.3	16.8765	0.9	0.7162	1.5	0.0877	1.2	0.80	541.9	6.2	548.4	6.3	575.5	19.4	541.9	6.2	94.2
?32 Spot 254	1201	295989	8.1	17.0941	0.9	0.7131	1.5	0.0884	1.3	0.82	546.3	6.7	546.6	6.5	547.6	19.2	546.3	6.7	99.8
?32 Spot 139	337	196152	57.5	16.9942	1.0	0.7258	1.8	0.0895	1.5	0.83	552.6	7.8	554.1	7.5	560.4	21.3	552.6	7.8	98.6
?32 Spot 201	118	123967	0.8	16.8679	1.4	0.7366	1.7	0.0902	1.0	0.61	556.4	5.5	560.4	7.3	576.6	29.4	556.4	5.5	96.5
_732 Spot 10	912	108607	4.1	16.9041	0.9	0.7364	1.4	0.0903	1.1	0.79	557.4	5.9	560.3	6.0	572.0	18.6	557.4	5.9	97.5
?32 Spot 229	76	7671	1.5	17.2446	1.6	0.7241	2.1	0.0906	1.3	0.62	559.1	6.9	553.1	8.9	528.4	35.9	559.1	6.9	105.8
?32 Spot 123	479	870710	30.7	16.8222	0.8	0.7469	1.3	0.0912	1.1	0.79	562.5	5.7	566.4	5.8	582.5	17.6	562.5	5.7	96.6
1_732 Spot 6	312	30399	0.6	17.1683	0.9	0.7329	1.5	0.0913	1.1	0.78	563.2	6.2	558.2	6.3	538.1	20.0	563.2	6.2	104.7
?32 Spot 253	397	29634	1.8	16.9805	1.0	0.7426	1.3	0.0915	0.9	0.69	564.4	5.0	563.9	5.8	562.1	21.2	564.4	5.0	100.4
_732 Spot 99	775	87385	6.3	16.8751	0.8	0.7474	1.4	0.0915	1.1	0.79	564.5	5.8	566.7	5.9	575.7	18.3	564.5	5.8	98.1
?32 Spot 243	223	19388	82.5	16.6418	1.2	0.7607	1.6	0.0919	1.0	0.63	566.5	5.4	574.4	6.9	605.8	26.6	566.5	5.4	93.5
?32 Spot 141	226	28637	1.2	16.8228	1.0	0.7538	1.7	0.0920	1.4	0.80	567.4	7.5	570.4	7.6	582.4	22.7	567.4	7.5	97.4
_732 Spot 46	327	73775	4.5	16.9484	0.6	0.7488	1.3	0.0921	1.1	0.88	567.8	6.0	567.5	5.5	566.3	13.1	567.8	6.0	100.3
_732 Spot 57	591	48269	1.6	17.0135	1.0	0.7493	1.8	0.0925	1.5	0.82	570.3	8.0	567.8	7.7	557.9	22.0	570.3	8.0	102.2
?32 Spot 122	344	45259	2.0	17.2092	1.1	0.7438	1.7	0.0929	1.3	0.75	572.5	7.0	564.6	7.3	532.9	24.4	572.5	7.0	107.4
?32 Spot 244	390	143951	2.6	16.8100	0.8	0.7619	1.5	0.0929	1.2	0.83	572.8	6.8	575.1	6.6	584.1	18.2	572.8	6.8	98.1
_732 Spot 42	650	1570423	55.7	16.9724	0.8	0.7583	1.6	0.0934	1.4	0.85	575.5	7.5	573.0	6.9	563.1	18.0	575.5	7.5	102.2
?32 Spot 176	165	14878	0.6	17.4104	1.7	0.7401	2.1	0.0935	1.2	0.59	576.1	6.8	562.4	9.0	507.4	37.0	576.1	6.8	113.5
?32 Spot 182	119	113745	1.1	16.5225	1.3	0.7799	1.7	0.0935	1.2	0.68	576.2	6.5	585.4	7.6	621.4	27.1	576.2	6.5	92.7
?32 Spot 232	563	605977	0.7	16.9927	0.9	0.7611	1.8	0.0938	1.6	0.88	578.2	8.8	574.6	7.9	560.6	18.7	578.2	8.8	103.1
?32 Spot 184	1506	1444213	35.5	16.8470	0.8	0.7710	1.6	0.0942	1.4	0.87	580.6	7.9	580.3	7.2	579.3	17.9	580.6	7.9	100.2
1_732 Spot 1	695	33744	1.8	17.0666	0.8	0.7686	1.5	0.0952	1.2	0.83	586.1	6.8	579.0	6.4	551.1	17.7	586.1	6.8	106.4
?32 Spot 151	111	10032	0.8	17.3064	1.7	0.7600	2.1	0.0954	1.3	0.61	587.6	7.2	574.0	9.3	520.5	37.1	587.6	7.2	112.9
1_732 Spot 2	168	13201	0.6	17.0837	1.3	0.7730	1.7	0.0958	1.0	0.62	589.8	5.8	581.5	7.3	548.9	28.3	589.8	5.8	107.5
_732 Spot 22	397	57591	1.5	16.4789	1.1	0.8022	2.3	0.0959	2.0	0.88	590.4	11.6	598.1	10.6	627.1	24.4	590.4	11.6	94.2
?32 Spot 143	565	100614	0.5	16.3572	1.3	0.8104	1.9	0.0962	1.4	0.74	592.0	8.0	602.7	8.6	643.1	27.2	592.0	8.0	92.1
?32 Spot 252	391	168913	1.1	16.7729	0.9	0.8030	1.5	0.0977	1.2	0.81	601.1	6.9	598.5	6.7	588.9	19.0	601.1	6.9	102.1
?32 Spot 248	196	31179	1.9	16.6680	1.3	0.8115	1.7	0.0981	1.2	0.67	603.5	6.6	603.3	7.8	602.4	27.7	603.5	6.6	100.2
?32 Spot 114	214	14764	1.7	16.7954	0.9	0.8095	1.4	0.0986	1.0	0.74	606.5	6.0	602.2	6.3	585.9	20.4	606.5	6.0	103.5
?32 Spot 296	420	201906	2.6	16.0155	1.1	0.8899	1.7	0.1034	1.2	0.74	634.4	7.4	646.3	7.9	688.2	23.8	634.4	7.4	92.2
?32 Spot 116	1209	64071	35.7	15.5633	0.8	0.9223	1.7	0.1042	1.5	0.88	638.7	9.2	663.6	8.3	749.0	16.8	638.7	9.2	85.3
1_732 Spot 3	1455	60346	3.2	16.5839	1.0	0.8792	1.5	0.1058	1.1	0.75	648.3	6.9	640.6	7.2	613.4	21.7	648.3	6.9	105.7
?32 Spot 194	576	49615	1.5	15.9193	0.8	0.9908	1.6	0.1144	1.4	0.87	698.5	9.2	699.1	8.1	701.1	16.9	698.5	9.2	99.6
_732 Spot 38	284	22409	2.1	15.5128	1.0	1.0548	1.7	0.1187	1.3	0.81	723.2	9.2	731.3	8.7	755.9	20.6	723.2	9.2	95.7
_732 Spot 76	485	68829	2.7	15.0957	1.1	1.1259	1.7	0.1233	1.3	0.78	749.7	9.5	765.8	9.3	813.2	22.9	749.7	9.5	92.2
_732 Spot 28	610	61719	9.5	14.9851	1.0	1.1407	1.7	0.1240	1.4	0.81	753.7	9.9	772.8	9.3	828.5	21.0	753.7	9.9	91.0
_732 Spot 34	321	78816	0.9	15.2310	0.9	1.1341	1.5	0.1253	1.2	0.81	761.2	8.6	769.7	8.0	794.5	18.1	761.2	8.6	95.8
?32 Spot 204	215	21075	1.0	15.4578	0.9	1.1206	1.5	0.1257	1.2	0.81	763.2	9.0	763.3	8.3	763.4	19.0	763.2	9.0	100.0
_732 Spot 32	347	27208	3.9	14.6259	1.0	1.2136	1.9	0.1288	1.6	0.86	781.0	11.9	806.8	10.5	878.9	19.9	781.0	11.9	88.9
?32 Spot 124	244	49248	1.4	15.2419	1.0	1.1653	1.4	0.1289	1.0	0.72	781.4	7.4	784.4	7.7	793.0	20.7	781.4	7.4	98.5
_732 Spot 61	48	13839	1.2	15.2704	1.5	1.1661	2.1	0.1292	1.4	0.67	783.3	10.2	784.8	11.2	789.1	31.9	783.3	10.2	99.3
_732 Spot 45	378	159482	1.0	14.9065	0.8	1.2455	1.5	0.1347	1.3	0.84	814.7	9.6	821.4	8.4	839.5	16.6	814.7	9.6	97.0
?32 Spot 156	378	158961	1.1	14.9874	0.9	1.2456	1.4	0.1355	1.1	0.77	818.9	8.1	821.4	7.7	828.2	18.2	818.9	8.1	98.9
_732 Spot 79	356	35227	1.0	14.7915	0.9	1.3070	1.3	0.1403	0.9	0.71	846.2	7.4	848.8	7.6	855.6	19.3	846.2	7.4	98.9
?32 Spot 284	112	12634	1.8	14.6333	1.1	1.3932	1.7	0.1479	1.3	0.76	889.3	10.4	886.1	9.8	877.9	22.4	889.3	10.4	101.3
?32 Spot 183	549	79608	1.2	14.4192	0.7	1.5088	1.5	0.1579	1.3	0.87	944.8	11.2	933.9	8.9	908.3	14.7	908.3	14.7	104.0
1_732 Spot 4	678	61492	2.0	14.3671	0.8	1.4794	1.7	0.1542	1.5	0.87	924.6	12.7	922.0	10.2	915.8	16.9	915.8	16.9	101.0
_732 Spot 50	513	48412	2.2	14.2799	0.7	1.4686	1.2	0.1522	0.9	0.77	913.1	7.7	917.6	7.1	928.3	15.3	928.3	15.3	98.4
1_732 Spot 9	1128	234115	3.3	14.2650	0.7	1.4754	1.4	0.1527	1.2	0.85	916.1	10.2	920.4	8.5	930.5	15.3	930.5	15.3	98.5
?32 Spot 128	381	68514	2.9	14.2255	0.8	1.5118	1.4	0.1560	1.1	0.79	934.7	9.5	935.2	8.4	936.1	17.2	936.1	17.2	99.9
?32 Spot 115	836	82902	25.1	14.1945	0.7	1.3947	1.2	0.1436	1.0	0.79	865.2	7.8	886.7	7.2	940.6	15.3	940.6	15.3	92.0
_732 Spot 68	942	73351	2.1	14.0916	0.7	1.5607	1.3	0.1596	1.1	0.82	954.4	9.4	954.8	8.0	955.5	15.2	955.5	15.2	99.9
?32 Spot 126	563	203593	2.6	14.0670	0.8	1.6184	1.4	0.1652	1.1	0.83	985.6	10.4	977.4	8.6	959.1	15.4	959.1	15.4	102.8
?32 Spot 213	554	73977	1.2	14.0453	0.6	1.5895	1.3	0.1620	1.1	0.87	967.8	9.9	966.1	7.9	962.2	12.7	962.2	12.7	100.6
?32 Spot 205	585	88561	3.2	14.0358	0.8	1.5523	1.4	0.1581	1.2	0.84	946.1	10.4	951.4	8.6	963.6	15.4	963.6	15.4	98.2
?32 Spot 154	522	79891	5.9	13.9895	0.8	1.4776	1.8	0.1500	1.6	0.89	900.9	13.9	921.2	11.2	970.3	16.9	970.3	16.9	92.8
_732 Spot 60	512	70760	4.7	13.9881	0.7	1.6399	1.2	0.1664	1.0	0.81	992.5	9.2	985.7	7.8	970.5	15.0	970.5	15.0	102.3
?32 Spot 136	254	731751	1.4	13.9431	1.0	1.5602	1.4	0.1578	1.0	0.71	944.8	8.8	954.5	8.7	977.1	20.1	977.1	20.1	96.7
?32 Spot 109	451	77904	8.7	13.8212	0.9	1.6257	1.6	0.1630	1.4	0.84	973.6	12.6	980.2	10.4	995.0	18.0	995.0	18.0	97.8
_732 Spot 41	260	72848	2.3	13.8193	0.9	1.6058	1.3	0.1610	1.0	0.75	962.4	8.7	972.5	8.2	995.3	17.6	995.3	17.6	96.7
?32 Spot 216	414	142177	2.0	13.7126	0.7	1.6298	1.3	0.1622	1.1	0.84	968.8	10.1	981.8	8.4	1011.0	14.8	1011.0	14.8	95.8
?32 Spot 142	472	223831	1.6	13.6250	1.0	1.7093	1.8	0.1690	1.5	0.85	1006.5	14.1	1012.0	11.5	1024.0	19.3	1024.0	19.3	98.3
_732 Spot 69	67	8485	1.2	13.6132	1.2	1.7069	1.6	0.1686	1.1	0.70	1004.4	10.6	1011.1	10.4	1025.7	23.5	1025.7	23.5	97.9
_732 Spot 21	120	17073	1.8	13.6122	1.0	1.7029	1.6	0.1682	1.2	0.76	1002.2	11.2	1009.6	10.2	1025.9	21.1	1025.9	21.1	97.7
_732 Spot 30	617	88186	1.0	13.5349	0.8	1.7150	1.9	0.1684	1.7	0.92	1003.4	16.2	1014.1	12.2	1037.4	15.5	1037.4	15.5	96.7
?32 Spot 147	127	2606675	2.5	13.5025	1.2	1.7312	1.7	0.1696	1.2	0.69	1010.0	10.8	1020.2	10.8	1042.2	24.4	1042.2	24.4	96.9
?32 Spot 196	1022	360864	29.3	13.4214	0.8	1.7928	1.4	0.1746	1.1	0.81	1037.3	10.6	1042.8	8.9	1054.4	16.1	1054.4	16.1	98.4
?32 Spot 100	1104	559643	5.7	13.4175	0.8	1.6802	1.5	0.1636	1.2	0.84	976.6	11.0	1001.1	9.2	1055.0	16.1	1055.0	16.1	92.6
?32 Spot 277	444	49413	1.9	13.3273	0.9	1.8207	1.8	0.1761	1.6	0.87	1045.4	15.2	1052.9	11.8	1068.6	17.9	1068.6	17.9	97.8
?32 Spot 193	794	375073	4.2	13.3252	0.7	1.8554	1.5	0.1794	1.3	0.87	1063.7	12.5	1065.4	9.7	1068.9	14.4	1068.9	14.4	99.5
?32 Spot 187	511	452881	3.7	13.3126	0.9	1.7698	1.5	0.1709	1.2	0.82	1017.3	11.6	1034.4	9.8	1070.8	17.6	1070.8	17.6	95.0
_732 Spot 58	705	525764	7.0	13.3065	0.8	1.8821	1.7	0.1817	1.5	0.87	1076.3	14.8	1074.8	11.4	1071.7	17.0	1071.7	17.0	100.4
_732 Spot 88	383	82888	9.6	13.3024	0.7	1.8726	1.4	0.1807	1.1	0.84	1071.0	11.3	1071.4	9.0	1072.3	14.8	1072.3	14.8	99.9
?32 Spot 299	223	71165	2.1	13.2934	0.8	1.8495	1.2	0.1784	0.9	0.76	1058.2	8.7	1063.2	7.7	1073.7	15.2	1073.7	15.2	98.6
?32 Spot 259	601	61048	2.5	13.2630	0.7	1.8450	1.4	0.1776	1.2	0.86	1053.6	12.1	1061.6	9.5	1078.3	14.7	1078.3	14.7	97.7
_732 Spot 73	417	64247	1.4	13.2300	0.8	1.9567	1.6	0.1878	1.3	0.86	1109.6	13.8	1100.7	10.5	1083.3	16.1	1083.3	16.1	102.4
?32 Spot 103	446	92102	0.8	13.1622	0.7	1.8396	1.1	0.1757	0.9	0.80	1043.4	8.5	1059.7	7.3	1093.5	13.5	1093.5	13.5	95.4
_732 Spot 92	189	88371	2.8	13.1581	1.0	1.9506	1.4	0.1862	1.1	0.74	1100.9	10.9	1098.6	9.7	1094.2	19.3	1094.2	19.3	100.6
?32 Spot 256	517	95001	1.9	13.1294	0.8	1.9358	1.5	0.1844	1.2	0.84	1091.0	12.5	1093.6	9.9	1098.5	16.0	1098.5	16.0	99.3
?32 Spot 225	108	236455	0.8	13.1155	1.1	2.0375	1.6	0.1939	1.2	0.73	1142.5	12.4	1128.1	11.1	1100.7	22.5	1100.7	22.5	103.8
?32 Spot 118	537	277878	22.9	13.1149	0.7	1.9114	2.0	0.1819	1.8	0.94	1077.3	18.3	1085.1	13.1	1100.8	13.4	1100.8	13.4	97.9
?32 Spot 171	494	115756	8.8	13.1063	0.7	2.0279	1.3	0.1928	1.1	0.86	1136.8	11.7	1124.9	8.9	1102.1	13.4	1102.1	13.4	103.1
?32 Spot 268	542	199831	1.5	13.0863	0.7	1.9456	1.6	0.1847	1.4	0.89	1092.8	14.3	1096.9	10.8	1105.1	15.0	1105.1	15.0	98.9
?32 Spot 146	584	87896	8.2	13.0380	0.8	1.9958	1.5	0.1888	1.3	0.86	1114.9	13.6	1114.1	10.5	1112.5	15.7	1112.5	15.7	100.2
?32 Spot 125	1316	254918	5.0	13.0246	1.0	1.9379	1.5	0.1831	1.2	0.77	1084.1	11.8	1094.3	10.3	1114.6	19.6	1114.6	19.6	97.3
?32 Spot 157	440	250572	2.1	12.9508	0.8	2.0228	1.2	0.1901	1.0	0.79	1121.8	10.1	1123.2	8.4	1125.9	15.1	1125.9	15.1	99.6
?32 Spot 177	109	37870	1.2	12.9367	0.9	2.0884	1.4	0.1960	1.1	0.77	1154.0	11.6	1145.0	9.9	1128.1	18.4	1128.1	18.4	102.3
_732 Spot 29	380	490878	1.6	12.9279	0.9	2.0721	1.3	0.1944	1.0	0.75	1145.0	10.4	1139.6	9.0	1129.4	17.3	1129.4	17.3	101.4

732 Spot 186	820	473960	2.0	12.8917	1.1	2.0776	1.6	0.1943	1.3	0.76	1144.8	13.2	1141.4	11.3	1135.0	21.1	1135.0	21.1	100.9
_732 Spot 59	258	28732	1.5	12.8678	1.0	2.1282	1.5	0.1987	1.1	0.74	1168.3	11.6	1158.0	10.2	1138.7	19.9	1138.7	19.9	102.6
732 Spot 222	460	73613	4.6	12.8469	0.9	2.1628	1.6	0.2016	1.3	0.82	1183.9	14.4	1169.2	11.2	1141.9	18.2	1141.9	18.2	103.7
732 Spot 240	179	72826	0.7	12.8364	1.0	2.1934	1.5	0.2043	1.1	0.74	1198.3	12.0	1178.9	10.3	1143.6	19.6	1143.6	19.6	104.8
732 Spot 130	68	42819	0.6	12.8097	1.1	2.0736	1.6	0.1927	1.2	0.75	1136.1	12.7	1140.1	11.1	1147.7	21.1	1147.7	21.1	99.0
732 Spot 132	242	1422566	1.4	12.7690	0.7	2.0633	1.5	0.1912	1.3	0.88	1127.7	13.9	1136.7	10.5	1154.0	14.7	1154.0	14.7	97.7
_732 Spot 35	241	24571	2.3	12.7353	1.0	2.1520	1.5	0.1989	1.1	0.73	1169.1	11.4	1165.7	10.2	1159.2	20.0	1159.2	20.0	100.9
732 Spot 119	463	118255	1.2	12.7288	1.0	2.1070	1.5	0.1946	1.1	0.74	1146.2	11.6	1151.1	10.3	1160.2	20.0	1160.2	20.0	98.8
_732 Spot 31	235	50058	1.5	12.7084	0.8	2.1622	1.4	0.1994	1.2	0.84	1172.0	12.3	1169.0	9.6	1163.4	15.0	1163.4	15.0	100.7
732 Spot 209	578	64617	6.5	12.6940	0.9	2.2199	1.6	0.2045	1.4	0.85	1199.3	15.2	1187.3	11.5	1165.7	17.2	1165.7	17.2	102.9
1_732 Spot 8	202	67570	1.1	12.6755	0.9	2.2174	1.5	0.2039	1.2	0.79	1196.4	13.0	1186.5	10.6	1168.6	18.4	1168.6	18.4	102.4
732 Spot 181	88	19608	1.6	12.6547	0.8	2.1742	1.4	0.1996	1.2	0.81	1173.4	12.4	1172.8	9.9	1171.8	16.6	1171.8	16.6	100.1
_732 Spot 12	55	55085	0.7	12.6474	1.0	2.1888	1.8	0.2009	1.5	0.82	1179.9	16.2	1177.5	12.7	1173.0	20.7	1173.0	20.7	100.6
732 Spot 172	181	265131	2.0	12.6444	0.8	2.1788	1.5	0.1999	1.3	0.86	1174.7	13.7	1174.3	10.3	1173.5	14.9	1173.5	14.9	100.1
732 Spot 207	207	47724	0.9	12.6415	1.0	2.1470	1.5	0.1969	1.1	0.75	1158.8	12.1	1164.1	10.6	1173.9	20.0	1173.9	20.0	98.7
_732 Spot 81	537	626699	1.6	12.6265	0.7	2.2339	1.4	0.2047	1.2	0.86	1200.3	13.5	1191.7	10.1	1176.3	14.6	1176.3	14.6	102.0
732 Spot 148	106	13498	0.9	12.6102	0.8	2.1670	1.4	0.1983	1.2	0.83	1166.1	12.3	1170.5	9.6	1178.8	15.1	1178.8	15.1	98.9
732 Spot 175	88	23014	1.1	12.5861	1.1	1.7725	1.7	0.1619	1.3	0.77	967.1	11.8	1035.4	11.1	1182.6	21.8	1182.6	21.8	81.8
732 Spot 267	1079	171170	3.1	12.5782	0.8	2.1544	1.4	0.1966	1.2	0.84	1157.1	12.7	1166.5	9.8	1183.8	15.1	1183.8	15.1	97.7
732 Spot 188	387	97862	2.0	12.5772	0.8	2.1381	1.6	0.1951	1.3	0.85	1149.0	13.8	1161.2	10.8	1184.0	16.4	1184.0	16.4	97.0
1_732 Spot 0	148	78973	1.2	12.5624	1.0	2.1999	1.6	0.2005	1.2	0.76	1178.1	12.9	1181.0	11.0	1186.3	20.1	1186.3	20.1	99.3
_732 Spot 94	482	60078	5.7	12.5611	0.8	2.1394	1.4	0.1950	1.1	0.81	1148.3	11.6	1161.6	9.4	1186.5	15.8	1186.5	15.8	96.8
732 Spot 270	309	62954	1.2	12.5306	1.0	2.2347	1.5	0.2032	1.2	0.78	1192.3	13.0	1192.0	10.7	1191.3	18.8	1191.3	18.8	100.1
_732 Spot 86	239	92393	1.8	12.5114	1.0	2.1732	1.5	0.1973	1.1	0.72	1160.7	11.3	1172.5	10.3	1194.3	20.5	1194.3	20.5	97.2
732 Spot 251	342	156614	1.0	12.4736	1.0	2.2373	1.4	0.2025	1.0	0.72	1188.7	11.1	1192.8	9.9	1200.3	19.3	1200.3	19.3	99.0
732 Spot 258	364	107411	1.3	12.4125	0.9	2.2206	1.5	0.2000	1.2	0.82	1175.3	13.3	1187.6	10.5	1209.9	16.8	1209.9	16.8	97.1
1_732 Spot 7	258	107991	1.7	12.4054	0.8	2.2164	1.5	0.1995	1.2	0.83	1172.6	13.2	1186.2	10.4	1211.1	16.3	1211.1	16.3	96.8
732 Spot 180	501	66699	1.8	12.3165	0.8	2.3144	1.5	0.2068	1.3	0.85	1211.9	14.1	1216.7	10.7	1225.2	15.6	1225.2	15.6	98.9
732 Spot 282	827	939011	3.1	12.2321	0.9	2.2542	1.7	0.2001	1.5	0.86	1175.7	16.0	1198.1	12.2	1238.7	17.3	1238.7	17.3	94.9
732 Spot 224	595	339673	1.6	12.1212	0.9	2.1026	2.1	0.1849	1.9	0.89	1093.8	18.8	1149.7	14.3	1256.6	18.2	1256.6	18.2	87.0
732 Spot 190	575	64675	4.6	11.8069	0.7	2.6045	1.5	0.2231	1.4	0.89	1298.3	15.9	1301.9	11.2	1307.7	13.4	1307.7	13.4	99.3
732 Spot 208	1302	78569	3.4	11.7333	0.9	2.2012	1.4	0.1874	1.1	0.78	1107.3	10.8	1181.4	9.6	1319.9	16.8	1319.9	16.8	83.9
732 Spot 290	864	68061	0.6	11.7133	0.8	2.6809	1.3	0.2278	1.0	0.80	1323.2	12.2	1323.2	9.4	1323.2	14.8	1323.2	14.8	100.0
732 Spot 210	466	196982	2.2	11.6860	1.0	2.4634	2.0	0.2089	1.8	0.88	1222.8	20.0	1261.4	14.7	1327.7	18.6	1327.7	18.6	92.1
732 Spot 164	158	121310	0.5	11.6837	0.6	2.6719	1.3	0.2265	1.2	0.88	1316.2	14.0	1320.7	9.9	1328.1	12.6	1328.1	12.6	99.1
_732 Spot 65	270	464599	1.6	11.6526	0.9	2.6671	1.7	0.2255	1.4	0.85	1310.9	16.9	1319.4	12.4	1333.2	17.2	1333.2	17.2	98.3
732 Spot 195	456	148325	0.9	11.6417	0.9	2.6388	1.6	0.2229	1.3	0.82	1297.2	15.6	1311.5	11.9	1335.0	17.6	1335.0	17.6	97.2
732 Spot 191	304	19432	3.7	11.6180	1.2	2.6283	1.7	0.2216	1.2	0.71	1290.1	13.6	1308.6	12.2	1339.0	22.6	1339.0	22.6	96.4
_732 Spot 63	1014	90279	5.2	11.5329	0.8	2.6006	1.4	0.2176	1.2	0.83	1269.3	13.5	1300.8	10.4	1353.2	15.2	1353.2	15.2	93.8
732 Spot 121	429	72357	1.1	11.4877	0.9	2.7385	1.6	0.2283	1.4	0.83	1325.4	16.4	1339.0	12.2	1360.7	17.5	1360.7	17.5	97.4
732 Spot 179	245	50996	1.4	11.1989	0.9	2.9989	1.3	0.2437	1.0	0.74	1405.8	12.5	1407.4	10.2	1409.6	17.2	1409.6	17.2	99.7
732 Spot 275	301	189701	2.2	11.0895	0.6	2.5251	2.0	0.2032	1.9	0.95	1192.4	20.7	1279.3	14.6	1428.4	11.8	1428.4	11.8	83.5
732 Spot 220	237	76047	0.8	11.0125	0.9	3.0702	1.6	0.2453	1.3	0.82	1414.3	16.9	1425.3	12.5	1441.7	17.9	1441.7	17.9	98.1
_732 Spot 70	174	46831	2.3	10.8953	0.9	3.3022	1.9	0.2611	1.6	0.88	1495.2	21.8	1481.6	14.5	1462.1	16.8	1462.1	16.8	102.3
732 Spot 153	316	844442	1.8	10.6756	0.8	3.1934	1.5	0.2474	1.2	0.83	1424.9	15.5	1455.6	11.2	1500.7	15.2	1500.7	15.2	94.9
_732 Spot 19	730	97214	5.8	10.6714	0.6	3.4505	1.2	0.2672	1.0	0.85	1526.4	13.9	1516.0	9.5	1501.4	12.2	1501.4	12.2	101.7
732 Spot 112	360	81434	2.2	10.5743	1.1	3.3787	1.7	0.2592	1.4	0.79	1485.9	18.0	1499.5	13.5	1518.7	20.1	1518.7	20.1	97.8
732 Spot 108	119	561204	1.3	10.5662	0.9	3.2993	1.6	0.2529	1.3	0.82	1453.7	16.8	1480.9	12.4	1520.1	17.3	1520.1	17.3	95.6
_732 Spot 17	725	184103	2.0	10.5509	0.8	2.8538	1.4	0.2185	1.1	0.81	1273.8	12.8	1369.8	10.2	1522.8	15.1	1522.8	15.1	83.6
_732 Spot 64	187	134391	1.1	10.5219	0.9	3.2701	1.8	0.2497	1.5	0.87	1436.7	19.6	1474.0	13.6	1528.0	16.4	1528.0	16.4	94.0
732 Spot 111	134	28622	0.8	10.4723	1.0	3.4605	1.9	0.2629	1.7	0.86	1504.9	22.3	1518.3	15.2	1536.9	18.6	1536.9	18.6	97.9
732 Spot 149	89	15162	0.8	10.4402	0.9	3.7203	1.5	0.2818	1.3	0.82	1600.5	17.9	1575.7	12.4	1542.7	16.7	1542.7	16.7	103.7
732 Spot 102	265	66684	1.5	10.4026	0.9	3.4187	1.5	0.2580	1.2	0.80	1479.8	15.3	1508.7	11.4	1549.5	16.5	1549.5	16.5	95.5
_732 Spot 82	322	130127	2.1	10.3754	1.0	3.4769	1.5	0.2617	1.2	0.76	1498.8	15.5	1522.0	12.1	1554.4	18.9	1554.4	18.9	96.4
732 Spot 263	725	98396	2.2	10.3536	0.8	3.2021	1.6	0.2406	1.3	0.86	1389.6	16.8	1457.7	12.1	1558.3	14.9	1558.3	14.9	89.2
732 Spot 280	160	31195	1.5	10.3488	0.9	3.5380	1.4	0.2657	1.1	0.78	1518.8	14.8	1535.7	11.2	1559.2	16.7	1559.2	16.7	97.4
732 Spot 137	414	261893	1.5	10.2791	0.8	3.7668	1.3	0.2809	1.0	0.77	1596.1	13.6	1585.7	10.0	1571.9	15.1	1571.9	15.1	101.5
_732 Spot 83	283	230078	1.3	10.2710	0.7	3.7037	1.2	0.2760	1.0	0.79	1571.3	13.5	1572.2	9.8	1573.3	14.0	1573.3	14.0	99.9
732 Spot 234	326	108082	2.5	10.2422	0.9	3.8392	1.4	0.2853	1.1	0.79	1618.1	15.9	1601.0	11.3	1578.6	16.0	1578.6	16.0	102.5
732 Spot 185	326	122857	1.7	10.2094	0.9	3.7971	1.4	0.2813	1.1	0.76	1597.8	15.1	1592.1	11.4	1584.6	17.3	1584.6	17.3	100.8
_732 Spot 98	516	65963	2.4	10.1527	0.8	3.7903	1.5	0.2792	1.2	0.85	1587.4	17.6	1590.7	11.8	1595.0	14.5	1595.0	14.5	99.5
_732 Spot 90	387	2254777	1.8	10.1103	1.0	3.8151	1.7	0.2799	1.4	0.82	1590.7	19.1	1595.9	13.3	1602.8	17.8	1602.8	17.8	99.2
_732 Spot 72	260	75026	1.2	10.0187	0.9	3.9249	2.3	0.2853	2.2	0.93	1618.1	31.2	1618.8	18.9	1619.8	15.9	1619.8	15.9	99.9
732 Spot 104	189	183474	1.2	9.9528	1.0	3.9230	1.5	0.2833	1.2	0.78	1608.0	17.2	1618.4	12.5	1632.0	17.9	1632.0	17.9	98.5
732 Spot 297	174	76942	2.2	9.8441	0.8	4.0435	1.4	0.2888	1.1	0.80	1635.6	15.7	1643.0	11.1	1652.4	15.2	1652.4	15.2	99.0
732 Spot 144	414	343438	2.0	9.8200	0.8	4.1035	1.6	0.2924	1.4	0.87	1653.4	20.2	1655.0	13.0	1657.0	14.8	1657.0	14.8	99.8
732 Spot 287	1090	482625	10.0	9.7621	0.7	3.7284	1.4	0.2641	1.2	0.87	1510.7	15.9	1577.5	10.9	1667.9	12.6	1667.9	12.6	90.6
732 Spot 228	1190	789857	15.9	9.7509	0.7	3.8316	1.4	0.2711	1.2	0.86	1546.3	17.0	1599.4	11.5	1670.0	13.4	1670.0	13.4	92.6
_732 Spot 77	2385	346251	34.4	9.6614	0.6	4.1046	1.4	0.2877	1.2	0.91	1630.2	17.9	1655.2	11.1	1687.1	10.4	1687.1	10.4	96.6
_732 Spot 67	89	28125	0.8	9.4916	0.8	4.6089	1.4	0.3174	1.2	0.84	1777.1	18.8	1750.9	12.0	1719.7	14.5	1719.7	14.5	103.3
732 Spot 235	406	159865	1.2	9.4834	0.8	4.3873	1.7	0.3019	1.5	0.87	1700.7	22.3	1710.0	14.1	1721.3	15.2	1721.3	15.2	98.8
_732 Spot 51	262	63848	1.3	9.4755	0.8	4.5212	1.4	0.3108	1.1	0.80	1744.9	16.9	1734.9	11.4	1722.8	15.1	1722.8	15.1	101.3
732 Spot 241	116	29025	1.6	9.4595	0.7	4.2733	1.4	0.2933	1.3	0.87	1658.0	18.3	1688.2	11.8	1725.9	12.9	1725.9	12.9	96.1
_732 Spot 95	175	76864	1.6	9.4432	0.7	4.4667	1.2	0.3060	1.0	0.79	1721.2	14.4	1724.8	10.0	1729.1	13.5	1729.1	13.5	99.5
732 Spot 200	286	479763	1.3	9.4015	0.7	4.5557	1.4	0.3108	1.1	0.84	1744.5	17.5	1741.2	11.3	1737.2	13.4	1737.2	13.4	100.4
_732 Spot 53	258	72481	1.2	9.3981	0.8	4.4182	1.3	0.3013	1.0	0.78	1697.7	15.6	1715.8	11.1	1737.9	15.5	1737.9	15.5	97.7
732 Spot 106	140	27896	0.9	9.3881	0.9	4.6229	1.4	0.3149	1.1	0.80	1764.8	17.6	1753.4	12.0	1739.9	15.9	1739.9	15.9	101.4
_732 Spot 37	2591	375290	2.1	9.3010	0.6	4.1635	1.5	0.2810	1.3	0.90	1596.3	18.7	1666.9	12.0	1756.9	11.8	1756.9	11.8	90.9
732 Spot 269	247	133884	1.6	9.2878	0.8	4.6489	1.3	0.3133	0.9	0.75	1756.9	14.5	1758.1	10.5	1759.5	15.1	1759.5	15.1	99.9
732 Spot 197	135	40028	1.8	9.2831	0.9	4.5593	1.6	0.3071	1.3	0.81	1726.4	19.3	1741.9	13.2	1760.4	17.0	1760.4	17.0	98.1
_732 Spot 44	448	135390	1.9	9.2721	0.8	4.6270	1.4	0.3113	1.1	0.81	1747.1	17.0	1754.2	11.5	1762.6	14.9	1762.6	14.9	99.1
732 Spot 107	276	483581	1.2	9.2146	1.0	4.7255	1.8	0.3159	1.6	0.85	1769.9	24.1	1771.8	15.3	1774.0	17.5	1774.0	17.5	99.8
732 Spot 162	416	55360	2.3	9.1890	0.6	4.8996	1.1	0.3267	0.9	0.84	1822.2	14.4	1802.2	9.1	1779.0	10.7	1779.0	10.7	102.4
732 Spot 202	413	73110	6.0	9.1479	0.8	4.8120	1.4	0.3194	1.1	0.82	1786.8	17.6	1787.0	11.5	1787.2	14.3	1787.2	14.3	100.0
_732 Spot 49	299	82275	2.1	9.1147	0.7	4.6268	1.2	0.3060	1.0	0.79	1721.0	14.4	1754.1	10.0	1793.8	13.3	1793.8	13.3	95.9
732 Spot 276	156	47833	1.2	9.0996	0.8	4.9359	1.6	0.3259	1.4	0.87	1818.5	22.2	1808.4	13.6	1796.8	14.4	1796.8	14.4	101.2
_732 Spot 36	911	288632	1.5	9.0764	0.5	4.9898	1.1	0.3286	1.0	0.89	1831.7	15.6	1817.6	9.3	1801.5	9.3	1801.5	9.3	101.7
732 Spot 261	362	163836	2.4	9.0610	0.9	4.9619	1.4	0.3262	1.0	0.73	1820.0	16.1	1812.9	11.7	1804.6	17.1	1804.6	17.1	100.9
732 Spot 218	451	77062	5.0	9.0221	0.7	4.8948	1.4	0.3204	1.2	0.87	1791.8	19.0	1801.4	11.8	1812.4	12.5	1812.4	12.5	98.9
732 Spot 163	45	25023	0.7	8.9646	0.9	5.1102	1.5	0.3324	1.2	0.82	1850.0	19.4	1837.8	12.5	1824.0	15.5	1824.0	15.5	101.4
732 Spot 199	930	1676412	8.9	8.9394	0.9	4.7703	1.8	0.3094	1.6	0.88	1737.8	24.5	1779.7	15.3	1829.1	15.5	1829.1	15.5	95.0
732 Spot 214	272	53359	1.6	8.9283	0.9	5.0567	1.6	0.3276	1.3	0.82	1826.7	20.3	1828.9	13.1	1831.4	16.0	1831.4	16.0	99.7
732 Spot 226	446	346141	12.6	8.9266	0.8	4.4636	1.5	0.2891	1.3	0.85	1637.1	18.9	1724.2	12.8	1831.7	14.9	1831.7	14.9	89.4
732 Spot 152	291	175133	3.3	8.8998	0.6	5.2562	1.1	0.3394	0.9	0.83	1883.9	15.2	1861.8	9.5	1837.2	11.2	1837.2	11.2	102.5
_732 Spot 55	220	66554	3.1	8.8346	0.7	5.3887	1.4	0.3454	1.2	0.86	1912.7	20.4	1883.1	12.3	1850.5	13.2	1850.5	13.2	103.4
_732 Spot 27	327	103050	2.3	8.8126	0.7	5.3672	1.1	0.3432	0.8	0.75	1902.0	13.6	1879.6	9.4	1855.0	13.2	1855.0	13.2	102.5
732 Spot 211	371	159260	2.3	8.7918	1.0	5.2863	1.5	0.3372	1.1	0.74	1873.3	17.6	1866.6	12.4	1859.2	17.6	1859.2	17.6	100.8
732 Spot 298	904	1568516	10.1	8.7851	0.7	5.3355	1.3	0.3401	1.2	0.87	1887.2	19.1	1874.6	11.5	1860.6	12.0	1860.6	12.0	101.4
_732 Spot 43	523	397189	8.4	8.7582	0.8	5.1264	2.0	0.3258	1.8	0.92	1817.9	28.7	1840.5	16.7	1866.2	13.8	1866.2	13.8	97.4
732 Spot 138	616	79886	3.8	8.2814	0.9	5.4592	1.6	0.3280	1.3	0.84	1828.8	20.8	1894.2	13.4	1966.6	15.2	1966.6	15.2	93.0
732 Spot 266	563	371364	2.8	7.6979	0.9	6.5186	1.9	0.3641	1.7	0.89	2001.5	28.7	2048.4	16.5	2095.9	15.0	2095.9	15.0	95.5
_732 Spot 48	914	25371104	2.4	7.4872	0.7	7.0178	1.3	0.3812	1.1	0.83	2082.1	19.0	2113.7	11.4	2144.5	12.5	2144.5	12.5	97.1
732 Spot 160	338	8665	0.9	7.1610	2.5	6.1894	2.8	0.3216	1.3	0.46	1797.5	20.5	2002.9	24.7	2222.1	43.4	2222.1	43.4	80.9
_732 Spot 47	416	116110	1.4	6.8898	0.7	8.6161	1.0	0.4307	0.8	0.76	2309.0	14.9	2298.3	9.2	2288.7	11.4	2288.7	11.4	100.9
732 Spot 105	1984	2848402	43.5	6.5726	0.7	7.8344	1.3	0.3736	1.2	0.87	2046.4	20.2	2212.2	12.0	2369.4	11.2	2369.4	11.2	86.4
732 Spot 246	67	24745	0.7	6.4975	0.9	9.6191	1.6	0.4535	1.3	0.80	2410.8	25.2	2399.0	14.3	2389.0	15.8	2389.0	15.8	100.9
_732 Spot 74	201	121999	1.4	6.3469	0.7	8.5721	1.4	0.3948	1.2	0.84	2144.9	21.3	2293.6	12.6	2428.9	12.7	2428.9	12.7	88.3
732 Spot 158	246	71927	0.8	6.3273	0.7	10.1630	1.5	0.4666	1.3	0.88	2468.6	27.2	2449.7	14.0	2434.1	12.3	2434.1	12.3	101.4
_732 Spot 40	763	365557	1.7	6.2789	0.7	10.0380	1.4	0.4573	1.2	0.87	2427.7	25.2	2438.3	13.2	2447.1	11.8	2447.1	11.8	99.2
_732 Spot 13	657	136124	3.4	6.2126	0.9	10.2337	1.5	0.4613	1.1	0.78	2445.3	23.4	2456.1	13.7	2465.1	15.7	2465.1	15.7	99.2
732 Spot 285	280	68659	0.9	6.1524	0.8	10.5052	1.2	0.4690	1.0	0.77	2479.0	19.8	2480.4	11.5	2481.5	13.3	2481.5	13.3	99.9
_732 Spot 56	188	362902	1.4	6.1230	0.8	10.4401	1.5	0.4638	1.3	0.84	2456.5	26.0	2474.6	14.0	2489.6	13.7	2489.6	13.7	98.7
1_732 Spot 5	412	159837	1.0	6.1046	0.8	10.3925	1.3	0.4603	1.0	0.76	2441.0	20.0	2470.4	11.9	2494.6	14.0	2494.6	14.0	97.8
732 Spot 155	419	90854	4.0	6.0788	0.9	10.4859	1.7	0.4625	1.4	0.86	2450.6	29.3	2478.7	15.5	2501.8	14.4	2501.8	14.4	98.0
732 Spot 221	183	52692	1.9	5.7339	0.8	10.2706	3.2	0.4273	3.1	0.97	2293.5	59.9	2459.5	29.6	2599.6	12.6	2599.6	12.6	88.2
732 Spot 189	71	51577	3.8	5.5589	0.9	12.6829	1.5	0.5116	1.2	0.79	2663.3	25.5	2656.4	14.0	2651.1	15.2	2651.1	15.2	100.5
_732 Spot 20	158	75149	1.3	5.5390	0.7	12.5651	1.5	0.5050	1.3	0.87	2635.2	28.0	2647.6	14.0	2657.1	12.2	2657.1	12.2	99.2
732 Spot 242	1135	6707824	7.1	5.4993	0.6	12.6192	1.3	0.5035	1.1	0.87	2629.0	24.1	2651.7	12.2	2669.0	10.7	2669.0	10.7	98.5
_732 Spot 78	169	425213	2.0	5.4000	0.8	13.0157	1.7	0.5100	1.5	0.89	2656.5	33.1	2680.8	16.1	2699.1	12.7	2699.1	12.7	98.4
732 Spot 135	485	197291	1.3	5.3945	0.7	13.2096	1.2	0.5170	1.0	0.80	2686.6	21.3	2694.7	11.4	2700.8	11.9	2700.8	11.9	99.5
732 Spot 283	217	84008	2.6	5.3632	1.2	12.8643	1.8	0.5006	1.4	0.75	2616.4	29.7	2669.8	17.4	2710.4	20.2	2710.4	20.2	96.5
732 Spot 245	231	57728	2.1	5.3389	0.9	12.4257	1.5	0.4813	1.2	0.81	2533.1	25.8	2637.1	14.3	2717.9	14.6	2717.9	14.6	93.2
732 Spot 133	398	282593	3.6	5.1898	0.7	14.1498	1.1	0.5328	0.9	0.77	2753.4	19.2	2759.8	10.6	2764.5	11.6	2764.5	11.6	99.6

732 Spot 169	106	39956	2.2	5.1596	1.0	11.5372	1.5	0.4319	1.1	0.75	2314.4	21.6	2567.6	13.8	2774.1	15.9	2774.1	15.9	83.4
732 Spot 101	439	120080	2.5	5.0158	0.7	13.6499	1.3	0.4968	1.1	0.85	2599.9	23.1	2725.7	12.0	2820.3	11.0	2820.3	11.0	92.2
732 Spot 150	648	514082	2.0	4.9956	0.6	15.3975	1.1	0.5581	0.9	0.81	2858.8	20.8	2840.2	10.5	2826.9	10.5	2826.9	10.5	101.1
732 Spot 289	319	61321	1.6	4.6218	0.8	16.6476	1.4	0.5583	1.2	0.83	2859.5	26.7	2914.8	13.3	2953.1	12.6	2953.1	12.6	96.8
_732 Spot 15	591	418775	2.4	4.2910	0.7	19.8503	1.5	0.6180	1.3	0.88	3102.1	33.0	3084.1	14.7	3072.4	11.5	3072.4	11.5	101.0
732 Spot 286	325	121464	18.8	4.2416	0.7	19.0971	1.7	0.5877	1.6	0.91	2980.2	37.4	3046.7	16.7	3090.9	11.7	3090.9	11.7	96.4
732 Spot 292	231	86715	1.2	4.2412	0.7	19.8296	1.7	0.6102	1.6	0.91	3070.9	38.5	3083.1	16.8	3091.0	11.7	3091.0	11.7	99.3
732 Spot 271	180	687474	2.4	4.2268	0.8	19.4410	1.4	0.5962	1.1	0.83	3014.7	27.3	3064.0	13.2	3096.4	12.3	3096.4	12.3	97.4
732 Spot 288	154	153706	1.7	4.1831	0.7	20.6397	1.4	0.6265	1.2	0.87	3135.6	30.6	3121.8	13.7	3113.0	11.0	3113.0	11.0	100.7
_732 Spot 84	444	145519	1.0	4.0783	0.6	20.2625	1.2	0.5996	1.1	0.88	3028.2	26.3	3104.0	11.9	3153.3	9.2	3153.3	9.2	96.0
732 Spot 255	58	585509	1.0	3.7057	1.0	24.7201	1.6	0.6647	1.3	0.80	3285.3	33.9	3297.2	16.1	3304.5	15.6	3304.5	15.6	99.4
Sample: 62618DA1_650																			
650 Spot 174	268	2578	1.0	22.2174	3.0	0.0797	3.3	0.0129	1.4	0.42	82.3	1.1	77.9	2.5	NA	NA	82.3	1.1	NA
650 Spot 129	832	31290	3.3	20.1139	1.2	0.0950	1.8	0.0139	1.4	0.76	88.7	1.2	92.1	1.6	180.7	27.6	88.7	1.2	NA
650 Spot 207	344	1808	1.8	23.4265	2.2	0.0868	2.5	0.0148	1.2	0.47	94.4	1.1	84.5	2.1	NA	NA	94.4	1.1	NA
650 Spot 161	1770	19865	1.1	21.0835	0.9	0.1053	1.5	0.0161	1.2	0.79	103.0	1.3	101.7	1.5	69.9	22.4	103.0	1.3	NA
650 Spot 228	262	8795	1.3	19.9512	1.4	0.1242	1.8	0.0180	1.2	0.64	114.9	1.3	118.9	2.1	199.7	32.6	114.9	1.3	NA
_650 Spot 29	243	4900	2.1	20.3813	1.5	0.1234	2.2	0.0182	1.6	0.72	116.5	1.9	118.1	2.5	149.9	35.9	116.5	1.9	NA
650 Spot 168	265	6427	1.3	20.3351	1.2	0.1298	1.4	0.0192	0.7	0.51	122.3	0.9	124.0	1.7	155.2	29.2	122.3	0.9	NA
650 Spot 244	126	4554	1.5	20.3738	1.7	0.1321	2.1	0.0195	1.3	0.61	124.6	1.6	126.0	2.5	150.7	39.7	124.6	1.6	NA
650 Spot 146	368	18435	1.3	20.2318	1.2	0.1345	1.6	0.0197	1.0	0.63	126.1	1.3	128.2	1.9	167.1	28.8	126.1	1.3	NA
650 Spot 155	352	26336	0.9	19.9331	1.3	0.1366	1.8	0.0198	1.1	0.65	126.1	1.4	130.0	2.2	201.7	31.4	126.1	1.4	NA
_650 Spot 26	387	8380	1.4	20.0742	1.2	0.1360	1.7	0.0198	1.2	0.72	126.4	1.6	129.5	2.1	185.3	27.7	126.4	1.6	NA
650 Spot 112	1588	629719	2.8	20.0366	0.7	0.1363	1.3	0.0198	1.1	0.84	126.5	1.4	129.7	1.6	189.8	16.8	126.5	1.4	NA
650 Spot 264	285	7390	0.9	19.8766	1.8	0.1386	2.2	0.0200	1.3	0.56	127.6	1.6	131.8	2.8	208.3	42.9	127.6	1.6	NA
_650 Spot 90	166	2291	0.9	22.6339	2.5	0.1224	2.7	0.0201	1.1	0.40	128.3	1.4	117.3	3.0	NA	NA	128.3	1.4	NA
650 Spot 135	569	17352	1.5	20.2334	1.4	0.1376	1.9	0.0202	1.2	0.63	128.9	1.5	130.9	2.3	166.9	33.7	128.9	1.5	NA
650 Spot 102	173	1461	1.4	24.3355	7.3	0.1145	7.5	0.0202	1.3	0.18	129.1	1.7	110.1	7.8	NA	NA	129.1	1.7	NA
650 Spot 284	296	10592	0.9	19.7269	1.6	0.1415	2.0	0.0203	1.2	0.58	129.3	1.5	134.4	2.5	225.9	37.5	129.3	1.5	NA
650 Spot 254	99	1428	1.2	23.7784	3.0	0.1177	3.1	0.0203	1.0	0.32	129.6	1.3	113.0	3.4	NA	NA	129.6	1.3	NA
650 Spot 154	327	4838	1.1	20.9692	1.5	0.1336	1.9	0.0203	1.2	0.63	129.7	1.6	127.3	2.3	82.8	35.0	129.7	1.6	NA
650 Spot 210	117	5115	1.1	20.3617	2.2	0.1378	2.4	0.0204	1.0	0.42	129.9	1.3	131.0	3.0	152.1	51.5	129.9	1.3	NA
_650 Spot 31	244	28910	1.6	19.7850	1.1	0.1421	1.6	0.0204	1.1	0.72	130.2	1.5	134.9	2.0	219.1	25.2	130.2	1.5	NA
650 Spot 233	188	3458	1.4	20.8187	2.2	0.1351	2.6	0.0204	1.3	0.50	130.2	1.7	128.6	3.1	99.9	53.1	130.2	1.7	NA
650 Spot 165	491	4632	1.7	21.0181	1.3	0.1341	1.8	0.0205	1.3	0.73	130.5	1.7	127.8	2.2	77.3	29.9	130.5	1.7	NA
650 Spot 211	198	2768	2.0	21.2543	2.1	0.1341	2.4	0.0207	1.2	0.50	132.0	1.6	127.8	2.9	50.7	50.4	132.0	1.6	NA
_650 Spot 78	180	10511	1.5	19.4798	2.0	0.1468	2.4	0.0207	1.4	0.56	132.4	1.8	139.1	3.2	254.9	46.3	132.4	1.8	NA
_650 Spot 35	465	9260	1.4	20.5011	1.6	0.1397	2.0	0.0208	1.3	0.63	132.6	1.7	132.8	2.5	136.1	36.8	132.6	1.7	NA
_650 Spot 77	516	27699	1.1	20.3270	1.0	0.1413	1.5	0.0208	1.1	0.72	132.9	1.4	134.2	1.8	156.1	23.7	132.9	1.4	NA
650 Spot 149	745	9710	1.4	20.6010	1.2	0.1403	1.6	0.0210	1.1	0.68	133.8	1.5	133.3	2.0	124.7	28.5	133.8	1.5	NA
_650 Spot 1	441	2761	1.7	19.7446	1.9	0.1483	2.3	0.0212	1.4	0.59	135.5	1.8	140.4	3.0	223.8	43.5	135.5	1.8	NA
650 Spot 180	1065	22013	1.9	20.2732	1.0	0.1496	1.6	0.0220	1.3	0.80	140.3	1.8	141.5	2.1	162.3	22.6	140.3	1.8	NA
_650 Spot 8	70	1417	1.6	21.1581	4.0	0.1536	4.1	0.0236	1.2	0.30	150.2	1.8	145.1	5.6	61.5	94.2	150.2	1.8	NA
650 Spot 134	328	20646	1.9	19.6144	1.2	0.1665	1.8	0.0237	1.4	0.77	151.0	2.1	156.4	2.6	239.1	26.6	151.0	2.1	NA
650 Spot 143	297	33229	1.9	19.4823	1.1	0.1731	1.6	0.0245	1.1	0.72	155.8	1.8	162.1	2.4	254.6	25.5	155.8	1.8	NA
_650 Spot 82	203	3877	2.9	20.6258	1.6	0.1789	2.3	0.0268	1.7	0.72	170.3	2.8	167.1	3.6	121.9	37.9	170.3	2.8	NA
_650 Spot 16	242	7880	1.5	19.7641	1.5	0.2144	1.8	0.0307	1.1	0.60	195.2	2.1	197.2	3.3	221.5	33.8	195.2	2.1	NA
_650 Spot 80	242	3863	1.9	17.8088	1.9	0.2420	2.6	0.0313	1.8	0.67	198.5	3.5	220.0	5.2	457.4	43.2	198.5	3.5	NA
_650 Spot 7	689	42483	2.3	19.4668	0.8	0.2226	1.4	0.0314	1.2	0.83	199.5	2.3	204.0	2.6	256.5	18.2	199.5	2.3	NA
_650 Spot 34	328	7358	0.8	20.1738	1.5	0.2163	1.9	0.0317	1.2	0.62	200.9	2.4	198.8	3.5	173.8	35.4	200.9	2.4	NA
_650 Spot 12	1537	32580	3.3	20.1802	0.8	0.2163	1.5	0.0317	1.2	0.85	201.0	2.4	198.9	2.6	173.1	17.9	201.0	2.4	NA
650 Spot 286	596	11024	1.4	19.9769	1.3	0.2206	1.6	0.0320	1.0	0.61	202.9	2.0	202.4	3.0	196.7	30.1	202.9	2.0	NA
650 Spot 292	691	11682	1.2	19.7925	1.1	0.2230	1.6	0.0320	1.2	0.76	203.2	2.5	204.4	3.0	218.2	24.6	203.2	2.5	NA
_650 Spot 94	597	9681	2.7	20.0947	1.5	0.2198	1.8	0.0320	1.1	0.59	203.4	2.1	201.8	3.3	183.0	33.9	203.4	2.1	NA
_650 Spot 5	447	9478	0.9	20.1510	1.1	0.2192	1.7	0.0321	1.3	0.77	203.4	2.6	201.3	3.1	176.4	25.1	203.4	2.6	NA
650 Spot 268	749	4383368	1.1	19.6291	1.3	0.2254	1.9	0.0321	1.4	0.74	203.7	2.8	206.4	3.5	237.3	29.1	203.7	2.8	NA
650 Spot 127	1504	35422	2.2	20.1984	0.8	0.2207	1.3	0.0323	1.0	0.77	205.2	2.0	202.5	2.3	171.0	18.7	205.2	2.0	NA
650 Spot 173	269	8361	0.7	19.5670	1.4	0.2284	1.8	0.0324	1.1	0.64	205.7	2.3	208.9	3.3	244.6	31.2	205.7	2.3	NA
650 Spot 144	1078	53445	0.9	19.6042	0.8	0.2319	1.4	0.0330	1.2	0.83	209.2	2.4	211.8	2.7	240.3	17.9	209.2	2.4	NA
650 Spot 231	504	10399	2.0	19.8908	1.1	0.2308	1.5	0.0333	1.0	0.68	211.2	2.1	210.9	2.8	206.7	25.5	211.2	2.1	NA
650 Spot 100	1292	29577	2.4	20.0796	0.9	0.2293	1.3	0.0334	0.9	0.74	211.8	2.0	209.6	2.4	184.7	20.0	211.8	2.0	NA
_650 Spot 28	627	36440	1.3	19.7352	0.9	0.2334	1.6	0.0334	1.3	0.82	211.9	2.8	213.0	3.1	224.9	21.2	211.9	2.8	NA
_650 Spot 42	418	9967	2.0	19.8164	1.6	0.2356	2.1	0.0339	1.3	0.64	214.8	2.8	214.8	4.0	215.4	37.2	214.8	2.8	NA
650 Spot 224	1240	16094	4.1	20.0107	0.8	0.2334	1.2	0.0339	0.8	0.71	214.8	1.8	213.0	2.3	192.8	19.1	214.8	1.8	NA
_650 Spot 57	335	18783	2.6	14.7735	1.7	0.3179	2.5	0.0341	1.9	0.74	216.0	3.9	280.3	6.1	858.1	35.0	216.0	3.9	NA
650 Spot 157	821	16842	3.9	19.7464	1.2	0.2391	1.7	0.0343	1.2	0.70	217.1	2.5	217.7	3.2	223.5	27.2	217.1	2.5	NA
650 Spot 105	797	33613	4.3	19.6633	0.8	0.2414	1.5	0.0344	1.3	0.83	218.3	2.7	219.6	3.0	233.3	19.3	218.3	2.7	NA
650 Spot 140	732	10082	4.9	20.3253	0.9	0.2376	1.5	0.0350	1.1	0.76	222.0	2.4	216.5	2.8	156.3	22.1	222.0	2.4	NA
650 Spot 128	1065	37749	2.8	19.4645	0.8	0.2552	1.7	0.0360	1.5	0.87	228.3	3.3	230.8	3.5	256.7	19.1	228.3	3.3	NA
650 Spot 123	319	181110	2.2	19.2657	0.9	0.2702	1.7	0.0378	1.4	0.83	239.0	3.2	242.9	3.6	280.3	21.0	239.0	3.2	NA
650 Spot 136	349	52757	5.1	18.4890	1.0	0.3843	1.6	0.0516	1.2	0.76	324.1	3.9	330.2	4.5	373.6	23.2	324.1	3.9	NA
_650 Spot 6	187	4052	1.8	19.4984	1.9	0.3777	2.4	0.0534	1.4	0.59	335.6	4.7	325.4	6.7	252.7	44.6	335.6	4.7	NA
650 Spot 193	340	80903	3.2	18.3691	0.8	0.4425	1.4	0.0590	1.2	0.84	369.4	4.4	372.0	4.5	388.3	17.8	369.4	4.4	NA
650 Spot 176	394	8256	5.0	19.0700	0.9	0.4529	1.5	0.0627	1.2	0.82	391.9	4.7	379.3	4.8	303.6	19.7	391.9	4.7	NA
_650 Spot 98	202	16861	3.8	18.1351	1.0	0.5248	1.8	0.0691	1.5	0.84	430.5	6.3	428.4	6.3	417.0	21.7	430.5	6.3	103.2
650 Spot 230	138	5428	1.7	18.1845	1.4	0.5267	1.9	0.0695	1.3	0.70	433.1	5.6	429.6	6.7	410.9	30.3	433.1	5.6	105.4
650 Spot 252	529	86222	2.0	17.7332	0.7	0.5402	1.1	0.0695	0.9	0.78	433.2	3.7	438.5	4.1	466.9	15.9	433.2	3.7	92.8
650 Spot 147	227	30998	1.7	17.0996	0.9	0.6343	1.4	0.0787	1.0	0.77	488.3	4.9	498.7	5.4	546.8	19.1	488.3	4.9	89.3
650 Spot 151	128	9251	0.8	17.2848	1.0	0.6513	1.4	0.0817	0.9	0.69	506.2	4.6	509.3	5.5	523.3	21.5	506.2	4.6	96.7
_650 Spot 46	322	42585	2.6	16.8548	0.9	0.6735	1.4	0.0824	1.2	0.80	510.2	5.7	522.8	5.9	578.3	18.5	510.2	5.7	88.2
650 Spot 171	430	79007	1.9	16.5154	1.0	0.6879	1.6	0.0824	1.2	0.78	510.6	6.0	531.5	6.5	622.3	21.2	510.6	6.0	82.1
650 Spot 253	125	4892	0.6	17.5188	1.0	0.6559	1.4	0.0834	1.0	0.70	516.2	5.0	512.1	5.8	493.7	22.5	516.2	5.0	104.6
650 Spot 236	442	152741	4.0	16.4803	1.0	0.6978	1.9	0.0834	1.6	0.85	516.7	8.0	537.5	7.9	626.9	21.4	516.7	8.0	82.4
650 Spot 125	661	37609	1.9	17.6392	0.9	0.6566	1.4	0.0840	1.1	0.75	520.1	5.3	512.5	5.6	478.6	20.3	520.1	5.3	108.7
650 Spot 285	266	9450	1.3	17.6098	1.5	0.6597	2.0	0.0843	1.3	0.65	521.7	6.3	514.4	7.9	482.3	33.1	521.7	6.3	108.2
650 Spot 167	629	40966	2.1	17.4934	0.5	0.6657	1.1	0.0845	1.0	0.88	522.9	5.0	518.1	4.6	496.9	11.8	522.9	5.0	105.2
_650 Spot 56	231	22158	1.6	17.0449	1.0	0.6832	1.6	0.0845	1.3	0.80	522.9	6.5	528.7	6.7	553.9	21.3	522.9	6.5	94.4
_650 Spot 19	62	5722	0.4	17.2892	2.5	0.6749	2.8	0.0847	1.1	0.41	523.9	5.6	523.7	11.3	522.7	55.2	523.9	5.6	100.2
_650 Spot 68	150	6798	2.3	17.4036	2.1	0.6717	2.5	0.0848	1.2	0.48	524.9	6.0	521.8	10.0	508.3	47.2	524.9	6.0	103.3
650 Spot 250	66	6105	0.8	16.7586	1.4	0.7025	1.8	0.0854	1.2	0.64	528.4	6.0	540.3	7.7	590.7	30.5	528.4	6.0	89.5
650 Spot 184	359	32110	1.3	17.2003	0.9	0.6911	1.3	0.0863	1.0	0.72	533.3	4.9	533.5	5.5	534.1	20.0	533.3	4.9	99.9
_650 Spot 55	65	3591	1.3	17.3051	1.0	0.6897	1.5	0.0866	1.1	0.74	535.4	5.8	532.6	6.3	520.7	22.5	535.4	5.8	102.8
650 Spot 273	114	7425	5.6	17.1834	1.3	0.7008	1.7	0.0874	1.1	0.63	540.0	5.5	539.3	7.1	536.2	28.7	540.0	5.5	100.7
650 Spot 109	35	10479	1.0	16.7101	1.5	0.7213	1.9	0.0875	1.2	0.61	540.5	6.0	551.4	8.1	597.0	32.7	540.5	6.0	90.5
650 Spot 145	666	110258	1.3	17.2454	0.9	0.7008	1.4	0.0877	1.1	0.78	541.9	5.6	539.3	5.7	528.3	18.7	541.9	5.6	102.6
650 Spot 263	273	31402	0.5	17.2338	1.0	0.7073	1.6	0.0884	1.3	0.78	546.4	6.6	543.2	6.8	529.8	22.1	546.4	6.6	103.1
650 Spot 130	1544	207720	16.2	17.2123	0.7	0.7150	1.3	0.0893	1.1	0.85	551.4	6.0	547.7	5.6	532.5	15.3	551.4	6.0	103.5
650 Spot 121	272	14808	1.4	17.2964	0.8	0.7168	1.3	0.0900	1.0	0.77	555.3	5.1	548.7	5.3	521.8	17.6	555.3	5.1	106.4
_650 Spot 45	157	26036	0.6	16.4965	0.8	0.7522	1.3	0.0900	1.1	0.81	555.7	5.7	569.5	5.8	624.8	17.1	555.7	5.7	89.0
650 Spot 281	78	53276	2.6	15.9584	1.3	0.7784	1.6	0.0901	0.9	0.58	556.3	5.0	584.6	7.3	695.9	28.5	556.3	5.0	79.9
650 Spot 104	745	75589	2.5	16.7882	0.7	0.7442	1.3	0.0906	1.1	0.87	559.4	6.1	564.8	5.7	586.9	14.3	559.4	6.1	95.3
_650 Spot 41	106	51201	2.3	16.7073	1.2	0.7497	1.5	0.0909	1.0	0.65	560.8	5.3	568.1	6.7	597.4	25.3	560.8	5.3	93.9
650 Spot 177	159	9452	2.7	16.9781	1.3	0.7439	1.7	0.0916	1.1	0.66	565.3	6.0	564.7	7.3	562.4	27.6	565.3	6.0	100.5
_650 Spot 59	122	18039	1.3	16.4301	1.1	0.7689	1.5	0.0917	1.0	0.69	565.4	5.6	579.1	6.6	633.5	23.4	565.4	5.6	89.2
650 Spot 203	314	17561	10.3	16.7626	0.8	0.7638	1.4	0.0929	1.2	0.83	572.7	6.5	576.2	6.3	590.2	17.6	572.7	6.5	97.0
_650 Spot 9	242	82751	3.4	16.6436	0.9	0.7712	1.5	0.0931	1.2	0.78	574.1	6.4	580.5	6.6	605.6	20.4	574.1	6.4	94.8
_650 Spot 15	570	61648	1.4	17.0904	0.7	0.7544	1.1	0.0936	0.9	0.80	576.5	5.0	570.8	4.9	548.1	14.8	576.5	5.0	105.2
650 Spot 219	50	4688	0.8	17.3612	1.6	0.7481	1.9	0.0942	0.9	0.51	580.6	5.3	567.1	8.1	513.6	35.2	580.6	5.3	113.0
_650 Spot 92	180	12615	2.1	16.9450	1.2	0.7730	1.7	0.0950	1.2	0.72	585.3	6.8	581.5	7.5	566.7	25.7	585.3	6.8	103.3
650 Spot 122	537	20025	0.8	16.7708	0.7	0.7832	1.5	0.0953	1.3	0.88	586.9	7.5	587.3	6.7	589.1	15.4	586.9	7.5	99.6
_650 Spot 66	466	30864	4.6	16.9193	0.9	0.7885	1.6	0.0968	1.3	0.82	595.6	7.5	590.3	7.2	570.0	19.8	595.6	7.5	104.5
650 Spot 163	331	38493	2.9	16.6085	0.8	0.8139	1.3	0.0981	1.1	0.81	603.2	6.3	604.6	6.1	610.2	16.7	603.2	6.3	98.9
650 Spot 298	546	41494	12.3	16.4895	0.9	0.8212	1.5	0.0983	1.2	0.81	604.2	7.1	608.7	7.0	625.7	19.1	604.2	7.1	96.6
650 Spot 206	199	30124	5.2	16.4605	0.9	0.8243	1.4	0.0984	1.0	0.73	605.3	5.9	610.4	6.4	629.5	20.5	605.3	5.9	96.2
650 Spot 108	798	32490	4.4	16.6865	0.8	0.8205	1.4	0.0993	1.1	0.81	610.6	6.5	608.3	6.3	600.0	17.2	610.6	6.5	101.8
650 Spot 124	108	448798	1.3	16.3077	1.2	0.8482	1.6	0.1004	1.1	0.65	616.6	6.2	623.7	7.6	649.6	26.4	616.6	6.2	94.9
_650 Spot 22	611	352409	10.4	16.2864	0.8	0.8582	1.5	0.1014	1.2	0.83	622.7	7.3	629.1	7.0	652.4	18.0	622.7	7.3	95.4
650 Spot 255	466	33576	5.0	16.2382	0.9	0.8828	1.7	0.1040	1.4	0.84	637.9	8.7	642.5	8.1	658.7	19.8	637.9	8.7	96.8
650 Spot 137	246	34551	1.0	16.8316	0.9	0.8532	1.2	0.1042	0.9	0.71	639.0	5.2	626.4	5.7	581.3	18.6	639.0	5.2	109.9
650 Spot 181	29	2018	0.9	17.4485	1.9	0.8351	2.1	0.1057	1.0	0.48	647.9	6.4	616.5	9.9	502.6	41.2	647.9	6.4	128.9
_650 Spot 74	59	7057	0.9	15.9990	1.5	0.9226	1.9	0.1071	1.2	0.63	655.9	7.3	663.8	9.1	690.5	30.9	655.9	7.3	95.0
_650 Spot 81	494	66586	4.2	16.0549	0.7	0.9465	1.6	0.1103	1.4	0.89	674.2	8.9	676.3	7.7	683.0	15.3	674.2	8.9	98.7

650 Spot 209	725	765199	2.2	15.9330	0.6	0.9575	1.0	0.1107	0.8	0.80	676.8	5.2	682.0	5.0	699.3	12.8	676.8	5.2	96.8
650 Spot 54	339	60493	4.5	15.5225	0.8	1.0028	2.0	0.1129	1.8	0.90	689.8	11.6	705.2	10.0	754.6	17.7	689.8	11.6	91.4
650 Spot 88	71	11916	4.7	15.5046	1.0	1.0288	1.3	0.1157	0.9	0.66	706.0	6.0	718.3	6.9	757.0	21.3	706.0	6.0	93.3
650 Spot 282	829	36894	3.4	15.7493	0.6	1.0269	1.1	0.1173	1.0	0.85	715.3	6.5	717.4	5.8	723.9	12.7	715.3	6.5	98.8
650 Spot 75	117	30212	1.4	15.0936	1.3	1.1000	2.0	0.1205	1.5	0.77	733.3	10.7	753.4	10.7	813.5	27.0	733.3	10.7	90.1
650 Spot 38	258	3051078	3.1	15.2725	0.8	1.1171	1.2	0.1238	0.9	0.74	752.3	6.6	761.6	6.7	788.8	17.5	752.3	6.6	95.4
650 Spot 71	845	33580	10.2	14.5777	0.7	1.1777	1.0	0.1246	0.8	0.76	756.8	5.6	790.3	5.6	885.8	13.9	756.8	5.6	85.4
650 Spot 166	90	6663	2.5	14.6002	1.0	1.2737	2.0	0.1349	1.7	0.85	815.9	13.2	834.0	11.5	882.6	21.6	815.9	13.2	92.4
650 Spot 86	307	25009	2.4	15.0984	0.7	1.2759	1.4	0.1398	1.2	0.86	843.4	9.4	835.0	7.9	812.8	14.7	843.4	9.4	103.8
650 Spot 265	156	25495	2.9	14.6776	0.9	1.3224	1.5	0.1408	1.2	0.79	849.4	9.4	855.6	8.7	871.6	19.2	849.4	9.4	97.4
650 Spot 99	1142	40320	5.8	14.5322	0.7	1.4357	1.2	0.1514	1.0	0.81	908.7	8.1	903.9	7.1	892.2	14.3	892.2	14.3	101.9
650 Spot 205	301	37117	6.3	14.5321	0.7	1.4134	1.7	0.1490	1.6	0.91	895.5	13.3	894.6	10.4	892.2	14.9	895.5	13.3	100.4
650 Spot 291	88	3910	3.0	14.4373	1.1	1.4492	1.7	0.1518	1.3	0.77	911.1	10.9	909.5	10.0	905.7	22.0	905.7	22.0	100.6
650 Spot 141	235	14349	2.2	14.4159	0.7	1.4606	1.3	0.1528	1.1	0.84	916.5	9.3	914.3	7.9	908.8	14.7	908.8	14.7	100.9
650 Spot 195	427	34209	2.7	14.4114	0.5	1.4939	1.1	0.1562	1.0	0.87	935.7	8.4	927.9	6.8	909.4	11.3	909.4	11.3	102.9
650 Spot 200	278	29653	2.0	14.6969	0.9	1.4209	1.4	0.1515	1.1	0.78	909.5	9.2	897.7	8.3	868.9	18.1	909.5	9.2	104.7
650 Spot 96	245	30005	1.2	14.3911	0.8	1.5040	1.4	0.1570	1.2	0.81	940.3	10.1	932.0	8.7	912.3	17.2	912.3	17.2	103.1
650 Spot 277	375	27850	5.3	14.3651	1.0	1.4136	2.0	0.1473	1.7	0.85	886.1	14.0	894.7	11.7	916.1	21.2	916.1	21.2	96.7
650 Spot 18	826	156605	4.2	14.2429	0.6	1.4458	1.4	0.1494	1.2	0.90	897.7	10.3	908.1	8.2	933.6	12.0	933.6	12.0	96.1
650 Spot 227	213	41610	2.3	14.1912	1.0	1.4087	1.5	0.1451	1.1	0.75	873.2	9.3	892.6	9.0	941.1	20.6	941.1	20.6	92.8
650 Spot 159	167	11774	1.8	14.1621	0.9	1.5271	1.4	0.1569	1.0	0.73	939.6	8.6	941.3	8.4	945.3	19.2	945.3	19.2	99.4
650 Spot 182	76	8796	1.6	14.1398	1.0	1.5336	1.7	0.1573	1.3	0.78	942.0	11.6	943.9	10.4	948.5	21.5	948.5	21.5	99.3
650 Spot 84	554	103896	17.1	14.0714	0.6	1.5461	1.3	0.1579	1.1	0.88	944.8	9.7	948.9	7.8	958.4	12.5	958.4	12.5	98.6
650 Spot 201	162	21757	1.7	14.0690	0.9	1.3934	1.3	0.1422	0.9	0.74	857.3	7.6	886.2	7.5	958.8	17.5	958.8	17.5	89.4
650 Spot 223	750	89071	5.2	14.0387	0.6	1.6120	1.1	0.1642	0.9	0.83	980.1	8.3	974.9	6.9	963.2	12.5	963.2	12.5	101.8
650 Spot 89	369	52709	3.2	14.0323	0.7	1.5999	1.8	0.1629	1.7	0.92	972.8	15.2	970.2	11.5	964.1	14.7	964.1	14.7	100.9
650 Spot 11	231	43612	3.9	14.0266	1.0	1.6162	1.4	0.1645	1.0	0.70	981.6	8.9	976.5	8.8	965.0	20.3	965.0	20.3	101.7
650 Spot 240	102	22736	5.7	14.0207	0.7	1.5142	1.2	0.1540	1.0	0.80	923.6	8.5	936.1	7.6	965.8	15.3	965.8	15.3	95.6
650 Spot 20	76	7027	2.0	14.0191	1.2	1.6579	1.8	0.1686	1.4	0.76	1004.6	12.8	992.6	11.5	966.1	24.1	966.1	24.1	104.0
650 Spot 76	807	31078	1.3	13.9570	0.9	1.6389	1.5	0.1660	1.2	0.82	989.9	11.2	985.3	9.4	975.1	17.6	975.1	17.6	101.5
650 Spot 266	648	35574	4.2	13.9406	0.7	1.5726	1.3	0.1591	1.0	0.83	951.6	9.2	959.5	7.8	977.5	14.3	977.5	14.3	97.4
650 Spot 278	305	37595	9.3	13.9361	0.8	1.6474	1.4	0.1666	1.2	0.83	993.2	10.7	988.6	8.9	978.1	16.0	978.1	16.0	101.5
650 Spot 0	304	25239	6.2	13.9146	0.8	1.6081	1.3	0.1624	0.9	0.74	969.9	8.3	973.4	7.8	981.3	17.2	981.3	17.2	98.8
650 Spot 113	241	512609	3.7	13.9099	0.8	1.6403	1.4	0.1656	1.2	0.84	987.6	10.8	985.8	8.9	982.0	15.6	982.0	15.6	100.6
650 Spot 33	472	249615	1.5	13.8786	0.5	1.6425	1.2	0.1654	1.1	0.91	986.7	9.9	986.7	7.5	986.6	10.1	986.6	10.1	100.0
650 Spot 259	452	51926	19.2	13.8352	0.8	1.4792	1.5	0.1485	1.2	0.83	892.5	10.2	921.9	9.0	992.9	16.9	992.9	16.9	89.9
650 Spot 103	370	52087	17.7	13.8311	0.8	1.5582	1.5	0.1564	1.2	0.83	936.6	10.6	953.8	9.0	993.5	16.3	993.5	16.3	94.3
650 Spot 188	136	34391	1.2	13.8224	0.7	1.6568	1.2	0.1662	1.0	0.81	991.0	8.8	992.2	7.4	994.8	13.8	994.8	13.8	99.6
650 Spot 239	2170	81086	15.3	13.7957	0.7	1.3824	1.4	0.1384	1.2	0.86	835.5	9.5	881.5	8.3	998.7	14.6	998.7	14.6	83.7
650 Spot 53	760	59909	17.2	13.7793	0.7	1.6728	1.3	0.1672	1.1	0.85	996.9	10.5	998.2	8.5	1001.1	14.3	1001.1	14.3	99.6
650 Spot 226	41	35845	2.5	13.7133	1.2	1.5262	1.6	0.1519	1.1	0.67	911.4	9.1	941.0	9.7	1010.9	23.7	1010.9	23.7	90.2
650 Spot 251	573	52772	1.8	13.6710	0.9	1.6634	1.5	0.1650	1.2	0.80	984.5	10.7	994.7	9.3	1017.1	17.8	1017.1	17.8	96.8
650 Spot 267	96	22937	1.4	13.6583	0.8	1.7256	1.2	0.1710	1.0	0.77	1017.7	9.1	1018.1	8.0	1019.0	16.1	1019.0	16.1	99.9
650 Spot 213	743	622781	6.0	13.6341	0.7	1.6619	1.3	0.1644	1.1	0.86	981.2	10.4	994.1	8.5	1022.6	14.0	1022.6	14.0	95.9
650 Spot 139	83	9837	3.9	13.6299	1.1	1.6482	1.6	0.1630	1.1	0.72	973.5	10.3	988.9	10.0	1023.2	22.2	1023.2	22.2	95.1
650 Spot 202	847	47193	2.5	13.6133	0.8	1.7841	1.5	0.1762	1.3	0.84	1046.3	12.1	1039.7	9.8	1025.7	16.6	1025.7	16.6	102.0
650 Spot 247	640	84807	10.6	13.5784	0.7	1.6484	1.5	0.1624	1.4	0.89	970.2	12.3	989.0	9.7	1030.9	14.2	1030.9	14.2	94.1
650 Spot 101	419	56987	3.0	13.4902	0.7	1.8280	1.3	0.1789	1.1	0.82	1061.1	10.3	1055.5	8.4	1044.1	14.8	1044.1	14.8	101.6
650 Spot 70	483	36907	1.2	13.4548	0.7	1.7765	1.4	0.1734	1.2	0.86	1031.0	11.2	1036.9	8.9	1049.4	13.9	1049.4	13.9	98.2
650 Spot 222	113	19130	1.2	13.4402	0.9	1.7967	1.5	0.1752	1.2	0.79	1040.8	11.2	1044.2	9.7	1051.6	18.4	1051.6	18.4	99.0
650 Spot 67	869	573681	11.3	13.4231	0.6	1.8058	1.3	0.1759	1.1	0.88	1044.4	10.7	1047.6	8.2	1054.2	12.0	1054.2	12.0	99.1
650 Spot 158	732	93477	1.7	13.4166	0.6	1.8373	1.1	0.1789	0.9	0.83	1060.8	9.2	1058.9	7.4	1055.1	12.6	1055.1	12.6	100.5
650 Spot 190	72	7525	3.3	13.3391	1.0	1.8378	1.7	0.1779	1.3	0.80	1055.3	12.8	1059.1	10.9	1066.8	20.0	1066.8	20.0	98.9
650 Spot 170	480	65565	1.9	13.3038	0.7	1.9474	1.5	0.1880	1.3	0.89	1110.4	13.2	1097.5	9.8	1072.1	13.5	1072.1	13.5	103.6
650 Spot 242	162	31696	0.8	13.2977	0.8	1.8626	1.5	0.1797	1.3	0.84	1065.4	12.4	1067.9	9.9	1073.0	16.2	1073.0	16.2	99.3
650 Spot 187	250	35308	1.4	13.2730	0.8	1.9030	1.4	0.1833	1.2	0.81	1084.8	11.6	1082.2	9.5	1076.7	16.8	1076.7	16.8	100.8
650 Spot 10	376	29544	2.9	13.2135	0.7	1.8953	1.3	0.1817	1.0	0.82	1076.3	10.3	1079.4	8.4	1085.8	14.4	1085.8	14.4	99.1
650 Spot 270	803	51467	2.5	13.2132	0.6	1.9516	1.1	0.1871	0.9	0.83	1105.7	9.2	1099.0	7.4	1085.8	12.3	1085.8	12.3	101.8
650 Spot 257	452	164958	6.9	13.1828	0.6	1.9759	1.6	0.1890	1.5	0.92	1115.9	15.2	1107.3	10.9	1090.4	12.7	1090.4	12.7	102.3
650 Spot 37	161	48457	3.2	13.1799	0.9	1.9263	1.5	0.1842	1.1	0.78	1089.9	11.5	1090.2	9.8	1090.8	18.4	1090.8	18.4	99.9
650 Spot 83	120	37063	0.8	13.1570	0.9	1.8760	1.6	0.1791	1.2	0.80	1062.0	12.2	1072.6	10.3	1094.3	18.5	1094.3	18.5	97.0
650 Spot 27	142	45776	2.3	13.0910	1.0	2.0073	1.5	0.1907	1.1	0.76	1125.0	11.5	1118.0	10.0	1104.4	19.3	1104.4	19.3	101.9
650 Spot 61	108	433796	2.0	13.0020	0.7	1.9360	1.2	0.1826	1.0	0.81	1081.4	10.0	1093.6	8.3	1118.0	14.5	1118.0	14.5	96.7
650 Spot 283	320	36841	1.4	12.9984	0.9	1.9482	1.5	0.1837	1.2	0.82	1087.4	12.2	1097.8	10.0	1118.6	17.2	1118.6	17.2	97.2
650 Spot 208	60	3881	1.4	12.9230	1.0	2.0672	1.4	0.1938	1.0	0.73	1142.1	10.8	1138.0	9.7	1130.2	19.4	1130.2	19.4	101.1
650 Spot 21	116	85207	1.5	12.9188	1.0	1.9792	1.3	0.1855	0.8	0.65	1097.1	8.6	1108.4	8.8	1130.8	19.6	1130.8	19.6	97.0
650 Spot 126	126	36082	1.7	12.9152	0.8	2.1294	1.4	0.1995	1.1	0.83	1172.9	12.3	1158.4	9.6	1131.4	15.5	1131.4	15.5	103.7
650 Spot 47	389	38770	29.3	12.8886	0.6	2.0621	1.4	0.1928	1.2	0.89	1136.8	13.0	1136.3	9.6	1135.5	12.5	1135.5	12.5	100.1
650 Spot 215	206	48803	1.5	12.8836	0.7	2.1107	1.2	0.1973	0.9	0.80	1160.8	9.8	1152.3	8.0	1136.3	13.9	1136.3	13.9	102.2
650 Spot 296	229	77143	1.6	12.8473	0.8	2.0842	1.3	0.1943	1.1	0.80	1144.5	11.1	1143.6	9.0	1141.8	15.6	1141.8	15.6	100.2
650 Spot 220	323	379539	0.9	12.8241	0.6	2.0876	1.4	0.1943	1.2	0.88	1144.4	12.6	1144.7	9.4	1145.5	12.9	1145.5	12.9	99.9
650 Spot 262	145	15698	1.5	12.8005	0.9	2.1043	1.4	0.1954	1.0	0.75	1150.8	10.7	1150.2	9.3	1149.1	17.6	1149.1	17.6	100.2
650 Spot 24	167	20255	1.8	12.7768	0.8	2.1971	1.5	0.2037	1.3	0.86	1195.1	14.0	1180.1	10.4	1152.8	15.4	1152.8	15.4	103.7
650 Spot 218	153	35316	1.5	12.7063	0.8	2.1136	1.2	0.1949	0.9	0.77	1147.7	9.6	1153.3	8.2	1163.8	15.0	1163.8	15.0	98.6
650 Spot 97	397	104572	166.3	12.7027	0.7	2.1152	1.5	0.1950	1.3	0.88	1148.2	14.2	1153.8	10.6	1164.3	14.4	1164.3	14.4	98.6
650 Spot 245	445	74229	4.8	12.6766	0.7	2.1947	1.5	0.2019	1.3	0.86	1185.3	13.7	1179.4	10.2	1168.4	14.8	1168.4	14.8	101.4
650 Spot 30	314	31898	2.1	12.6671	0.8	2.0307	2.3	0.1866	2.2	0.93	1103.2	22.1	1125.9	15.9	1169.9	16.4	1169.9	16.4	94.3
650 Spot 13	192	33179	1.9	12.6572	0.9	2.1529	1.4	0.1977	1.1	0.76	1163.1	11.4	1166.0	9.8	1171.5	18.3	1171.5	18.3	99.3
650 Spot 261	104	9057	0.7	12.6398	1.0	2.1194	1.5	0.1944	1.2	0.77	1145.0	12.4	1155.1	10.6	1174.2	19.4	1174.2	19.4	97.5
650 Spot 25	74	33005	1.1	12.6379	0.9	2.1361	1.4	0.1959	1.1	0.76	1153.1	11.5	1160.6	9.9	1174.5	18.3	1174.5	18.3	98.2
650 Spot 196	151	51907	2.2	12.6278	0.8	2.2383	1.1	0.2051	0.8	0.72	1202.6	8.6	1193.1	7.6	1176.1	14.9	1176.1	14.9	102.3
650 Spot 274	262	113494	1.4	12.6270	0.8	2.1892	1.1	0.2006	0.8	0.68	1178.4	8.4	1177.6	7.9	1176.2	16.5	1176.2	16.5	100.2
650 Spot 156	170	28940	1.4	12.6164	0.9	2.2350	1.4	0.2046	1.0	0.75	1200.0	11.3	1192.1	9.6	1177.8	17.9	1177.8	17.9	101.9
650 Spot 164	176	47011	1.4	12.5977	0.8	2.1806	1.1	0.1993	0.8	0.71	1171.7	8.5	1174.9	7.8	1180.8	15.7	1180.8	15.7	99.2
650 Spot 58	103	15683	2.3	12.5909	0.9	2.1439	1.4	0.1959	1.1	0.79	1153.0	12.0	1163.1	9.9	1181.8	17.4	1181.8	17.4	97.6
650 Spot 44	724	92595	2.1	12.5902	0.7	2.2156	1.5	0.2024	1.3	0.88	1188.2	14.1	1186.0	10.3	1182.0	13.9	1182.0	13.9	100.5
650 Spot 290	282	36607	1.6	12.5864	0.8	2.0860	1.4	0.1905	1.2	0.84	1124.1	12.6	1144.2	9.9	1182.5	15.4	1182.5	15.4	95.1
650 Spot 138	86	36868	1.5	12.5829	1.1	2.2816	1.7	0.2083	1.3	0.78	1219.8	14.4	1206.6	11.8	1183.1	20.8	1183.1	20.8	103.1
650 Spot 36	622	121795	7.3	12.5796	0.8	2.3059	1.4	0.2105	1.1	0.80	1231.3	12.3	1214.1	9.7	1183.6	16.2	1183.6	16.2	104.0
650 Spot 39	516	195043	1.7	12.5379	0.6	2.2716	1.0	0.2067	0.8	0.82	1211.0	8.9	1203.5	6.9	1190.1	11.1	1190.1	11.1	101.8
650 Spot 79	422	29241	1.8	12.5292	1.0	2.3346	1.6	0.2122	1.3	0.79	1240.7	14.3	1222.9	11.3	1191.5	19.1	1191.5	19.1	104.1
650 Spot 132	189	24583	1.4	12.5136	0.7	2.3270	1.1	0.2113	0.8	0.76	1235.6	9.2	1220.6	7.6	1194.0	13.8	1194.0	13.8	103.5
650 Spot 14	265	33733	1.4	12.5005	0.7	2.2647	1.5	0.2054	1.3	0.87	1204.3	14.5	1201.4	10.7	1196.1	14.8	1196.1	14.8	100.7
650 Spot 197	139	17000	1.2	12.4980	0.8	2.3139	1.2	0.2098	0.9	0.77	1227.9	10.5	1216.6	8.6	1196.5	15.0	1196.5	15.0	102.6
650 Spot 106	248	100010	1.2	12.4535	0.9	2.2167	1.4	0.2003	1.1	0.79	1177.0	12.2	1186.3	10.0	1203.5	17.1	1203.5	17.1	97.8
650 Spot 87	104	304283	1.5	12.4021	0.9	2.1803	1.4	0.1962	1.0	0.73	1154.9	10.6	1174.8	9.5	1211.6	18.2	1211.6	18.2	95.3
650 Spot 150	324	3882	3.8	12.4006	3.1	1.8771	3.5	0.1689	1.6	0.47	1006.0	15.3	1073.0	23.0	1211.8	60.3	1211.8	60.3	83.0
650 Spot 50	46	3900	1.5	12.3697	1.1	2.2806	1.6	0.2047	1.2	0.72	1200.4	12.9	1206.3	11.5	1216.8	22.1	1216.8	22.1	98.7
650 Spot 229	90	32383	42.4	12.3447	0.9	2.2704	1.5	0.2034	1.2	0.80	1193.4	12.9	1203.1	10.4	1220.7	17.3	1220.7	17.3	97.8
650 Spot 93	517	1896602	2.1	12.3184	0.7	2.1952	2.4	0.1962	2.3	0.96	1154.9	24.6	1179.5	16.9	1224.9	13.9	1224.9	13.9	94.3
650 Spot 194	143	38179	0.9	12.2766	0.7	2.3197	1.4	0.2066	1.2	0.84	1210.9	12.8	1218.3	9.7	1231.6	14.4	1231.6	14.4	98.3
650 Spot 117	209	18582	2.3	12.2570	0.7	2.2724	1.2	0.2021	1.0	0.82	1186.6	10.4	1203.8	8.3	1234.8	13.2	1234.8	13.2	96.1
650 Spot 65	88	44957	3.9	12.2157	0.8	2.2084	1.7	0.1957	1.5	0.90	1152.4	16.2	1183.7	12.0	1241.4	14.9	1241.4	14.9	92.8
650 Spot 299	1269	95526	65.6	12.1839	0.9	2.1100	1.7	0.1865	1.5	0.86	1102.6	15.0	1152.1	11.8	1246.5	17.0	1246.5	17.0	88.5
650 Spot 216	98	1227746	1.1	12.0937	0.9	2.3653	1.4	0.2076	1.1	0.75	1215.8	11.9	1232.2	10.2	1261.0	18.5	1261.0	18.5	96.4
650 Spot 179	233	35909	1.6	11.9464	0.9	2.5122	1.4	0.2178	1.0	0.77	1270.0	12.1	1275.6	9.9	1284.9	17.0	1284.9	17.0	98.8
650 Spot 178	467	31114	2.3	11.8949	0.7	2.5040	1.3	0.2161	1.1	0.84	1261.3	12.8	1273.2	9.7	1293.3	14.0	1293.3	14.0	97.5
650 Spot 214	224	130729	2.6	11.8640	0.9	2.4468	1.6	0.2106	1.4	0.83	1232.2	15.4	1256.5	11.9	1298.4	17.7	1298.4	17.7	94.9
650 Spot 297	256	71083	1.9	11.7589	0.8	2.6400	1.5	0.2252	1.2	0.84	1309.5	14.6	1311.9	10.8	1315.6	15.4	1315.6	15.4	99.5
650 Spot 294	485	88488	9.6	11.7136	1.7	2.6489	2.1	0.2251	1.3	0.62	1308.9	15.6	1314.3	15.6	1323.1	32.0	1323.1	32.0	98.9
650 Spot 51	250	35773	2.4	11.3171	0.8	3.0770	1.6	0.2527	1.4	0.86	1452.2	18.2	1427.0	12.5	1389.5	15.9	1389.5	15.9	104.5
650 Spot 4	391	34869	2.0	11.2262	1.3	2.5975	2.7	0.2116	2.4	0.88	1237.2	26.9	1299.9	19.8	1405.0	24.5	1405.0	24.5	88.1
650 Spot 69	330	36736	4.0	11.0434	0.7	3.0560	1.5	0.2449	1.3	0.87	1412.0	16.5	1421.7	11.5	1436.3	14.0	1436.3	14.0	98.3
650 Spot 23	121	72195	2.4	10.9910	0.6	3.1714	1.0	0.2529	0.9	0.85	1453.5	11.4	1450.2	8.0	1445.4	10.5	1445.4	10.5	100.6
650 Spot 114	241	36369	2.0	10.8969	0.6	3.2764	1.2	0.2590	1.0	0.85	1485.0	13.3	1475.5	9.1	1461.8	11.6	1461.8	11.6	101.6
650 Spot 148	466	2520857	1.9	10.8831	0.6	3.1495	1.5	0.2487	1.4	0.92	1431.8	17.6	1444.9	11.5	1464.2	11.5	1464.2	11.5	97.8
650 Spot 192	134	111794	1.9	10.7410	0.6	3.3580	1.2	0.2617	1.0	0.84	1498.6	13.0	1494.7	9.0	1489.1	11.7	1489.1	11.7	100.6
650 Spot 185	161	25085	3.6	10.7153	0.8	3.2180	1.5	0.2502	1.3	0.84	1439.5	16.4	1461.5	11.7	1493.6	15.5	1493.6	15.5	96.4
650 Spot 289	1652	309460	14.4	10.6100	0.9	3.1132	1.5	0.2397	1.2	0.80	1385.0	14.6	1435.9	11.3	1512.3	16.6	1512.3	16.6	91.6
650 Spot 238	121	30015	1.2	10.4929	0.9	3.3501	1.3	0.2551	1.0	0.75	1464.5	12.9	1492.8	10.2	1533.2	16.1	1533.2	16.1	95.5
650 Spot 95	241	45070	2.0	10.4154	0.9	3.1089	1.4	0.2349	1.1	0.77	1360.4	13.1	1434.9	10.6	1547.2	16.4	1547.2	16.4	87.9
650 Spot 160	229	21648	1.9	10.2305	0.9	3.3474	2.7	0.2485	2.6	0.94	1430.6	32.9	1492.2	21.3	1580.7	17.0	1580.7	17.0	90.5
650 Spot 288	300	75318	2.7	10.2305	0.8	3.6738	1.4	0.2727	1.2	0.84	1554.5	16.3	1565.7	11.2	1580.8	14.1	1580.8	14.1	98.3

650 Spot 276	398	31213	12.1	10.1957	0.7	3.6459	1.4	0.2697	1.2	0.88	1539.4	17.1	1559.6	11.3	1587.1	12.6	1587.1	12.6	97.0
650 Spot 199	225	883863	1.2	10.1604	0.7	3.7809	1.2	0.2787	0.9	0.78	1585.0	12.8	1588.7	9.3	1593.6	13.4	1593.6	13.4	99.5
_650 Spot 32	227	29960	0.7	10.0669	0.8	3.7378	1.6	0.2730	1.4	0.88	1556.1	19.5	1579.5	12.9	1610.8	14.2	1610.8	14.2	96.6
650 Spot 241	134	27800	1.6	10.0195	0.8	3.8110	1.4	0.2771	1.1	0.79	1576.5	15.3	1595.1	11.1	1619.6	15.7	1619.6	15.7	97.3
650 Spot 295	75	43784	0.6	10.0054	0.8	3.8165	1.4	0.2771	1.1	0.81	1576.6	15.8	1596.2	11.2	1622.2	15.3	1622.2	15.3	97.2
650 Spot 234	198	34173	1.7	9.9484	0.6	3.7541	1.1	0.2710	1.0	0.85	1545.8	13.3	1583.0	9.2	1632.9	11.4	1632.9	11.4	94.7
650 Spot 221	217	36245	1.5	9.9058	0.7	4.0751	1.4	0.2929	1.2	0.87	1656.0	17.6	1649.3	11.3	1640.8	12.6	1640.8	12.6	100.9
650 Spot 153	271	637516	2.4	9.7842	0.8	4.1093	1.4	0.2917	1.1	0.79	1650.2	15.8	1656.2	11.2	1663.7	15.5	1663.7	15.5	99.2
650 Spot 133	369	93440	2.2	9.6714	0.8	4.2305	1.4	0.2969	1.2	0.81	1675.8	17.0	1679.9	11.7	1685.2	15.3	1685.2	15.3	99.4
650 Spot 280	115	23919	3.3	9.6261	0.8	3.6501	1.6	0.2549	1.4	0.88	1463.9	18.7	1560.5	13.0	1693.8	14.5	1693.8	14.5	86.4
_650 Spot 72	715	137378	12.0	9.6133	0.7	4.1259	1.4	0.2878	1.2	0.87	1630.5	17.5	1659.4	11.4	1696.3	12.7	1696.3	12.7	96.1
650 Spot 260	328	126133	1.7	9.5262	0.7	4.2136	1.1	0.2912	0.8	0.74	1647.8	11.5	1676.7	8.8	1713.0	13.1	1713.0	13.1	96.2
_650 Spot 49	383	43165	2.4	9.4790	0.7	4.5325	1.4	0.3117	1.2	0.87	1749.3	18.5	1737.0	11.5	1722.2	12.5	1722.2	12.5	101.6
650 Spot 191	637	410624	3.7	9.4528	0.7	4.4312	1.3	0.3039	1.1	0.85	1710.7	16.2	1718.2	10.5	1727.3	12.4	1727.3	12.4	99.0
650 Spot 169	389	118590	2.7	9.3809	0.7	4.6199	1.5	0.3145	1.4	0.89	1762.6	21.2	1752.9	12.9	1741.2	12.8	1741.2	12.8	101.2
650 Spot 116	153	22584	1.6	9.3411	0.7	4.5903	2.2	0.3111	2.1	0.95	1746.2	32.2	1747.5	18.4	1749.0	12.1	1749.0	12.1	99.8
_650 Spot 62	676	401869	1.8	9.3062	0.7	4.4285	1.5	0.2990	1.3	0.88	1686.5	19.5	1717.7	12.3	1755.9	12.7	1755.9	12.7	96.0
_650 Spot 85	144	39107	7.7	9.2995	0.7	4.6251	1.1	0.3121	0.8	0.77	1750.9	12.6	1753.8	8.9	1757.2	12.4	1757.2	12.4	99.6
650 Spot 189	179	32332	2.8	9.2738	0.6	4.5853	1.1	0.3085	0.9	0.81	1733.5	13.1	1746.6	8.9	1762.3	11.4	1762.3	11.4	98.4
650 Spot 212	165	30617	2.4	9.2173	0.9	4.8198	1.4	0.3223	1.1	0.77	1801.2	16.7	1788.4	11.5	1773.4	15.8	1773.4	15.8	101.6
_650 Spot 60	194	103327	3.0	9.1892	0.8	4.7376	1.4	0.3159	1.2	0.81	1769.6	18.0	1773.9	12.1	1779.0	15.4	1779.0	15.4	99.5
650 Spot 115	420	102674	7.1	9.1503	0.6	4.9131	1.5	0.3262	1.4	0.92	1819.9	21.7	1804.5	12.6	1786.7	10.8	1786.7	10.8	101.9
_650 Spot 73	637	61796	7.5	9.1198	0.7	4.2820	1.9	0.2833	1.7	0.93	1608.2	24.9	1689.9	15.5	1792.8	12.9	1792.8	12.9	89.7
650 Spot 120	447	120294	3.0	8.9604	0.7	5.1333	1.3	0.3337	1.1	0.85	1856.5	17.9	1841.6	11.1	1824.9	12.6	1824.9	12.6	101.7
650 Spot 111	134	1472095	2.6	8.9461	0.7	5.0034	1.6	0.3248	1.4	0.90	1813.0	22.1	1819.9	13.2	1827.8	12.4	1827.8	12.4	99.2
650 Spot 204	183	33574	1.5	8.7850	0.8	5.1229	1.5	0.3265	1.2	0.84	1821.6	19.3	1839.9	12.4	1860.6	14.4	1860.6	14.4	97.9
1_650 Spot 2	265	53127	500.6	8.6659	1.3	5.3622	1.7	0.3372	1.1	0.65	1873.0	18.2	1878.8	14.7	1885.3	23.4	1885.3	23.4	99.4
650 Spot 225	533	129830	1.0	8.3746	0.7	5.4953	1.2	0.3339	1.0	0.83	1857.4	15.8	1899.9	10.1	1946.6	11.7	1946.6	11.7	95.4
650 Spot 186	238	34138	2.3	8.2932	0.8	5.7538	1.2	0.3462	0.9	0.76	1916.6	15.3	1939.5	10.5	1964.0	14.2	1964.0	14.2	97.6
650 Spot 175	525	2269639	2.4	7.9697	0.8	6.0309	1.4	0.3487	1.2	0.84	1928.6	19.5	1980.3	12.2	2034.7	13.6	2034.7	13.6	94.8
650 Spot 107	233	40440	12.5	7.6751	0.6	6.2555	1.5	0.3484	1.3	0.91	1926.8	22.0	2012.2	12.8	2101.1	10.8	2101.1	10.8	91.7
650 Spot 118	311	884369	3.6	7.5057	0.9	6.0382	1.3	0.3288	0.9	0.73	1832.8	14.6	1981.4	10.9	2140.2	15.0	2140.2	15.0	85.6
650 Spot 131	959	318250	11.0	7.1644	0.7	6.5747	1.3	0.3418	1.1	0.85	1895.2	18.4	2056.0	11.6	2221.2	12.1	2221.2	12.1	85.3
650 Spot 243	167	16820	1.1	6.9250	1.0	6.8093	1.5	0.3421	1.1	0.73	1897.0	18.2	2086.9	13.3	2279.9	17.6	2279.9	17.6	83.2
650 Spot 293	186	338637	1.6	6.3371	0.7	9.1518	1.5	0.4208	1.3	0.88	2264.1	25.7	2353.3	14.0	2431.5	12.1	2431.5	12.1	93.1
650 Spot 246	106	36523	5.0	6.2335	0.7	9.8357	1.3	0.4449	1.1	0.83	2372.4	22.1	2419.5	12.4	2459.4	12.6	2459.4	12.6	96.5
650 Spot 110	244	196072	1.2	6.2108	0.7	10.6279	1.4	0.4789	1.1	0.85	2522.7	24.0	2491.1	12.5	2465.5	12.1	2465.5	12.1	102.3
650 Spot 232	231	48901	1.1	6.1652	0.7	10.5140	1.3	0.4703	1.1	0.85	2485.0	22.1	2481.2	11.7	2478.0	11.2	2478.0	11.2	100.3
650 Spot 287	393	157819	1.6	6.0593	0.7	11.0220	1.4	0.4846	1.2	0.85	2547.2	24.6	2525.0	12.8	2507.2	12.1	2507.2	12.1	101.6
650 Spot 235	42	16119	0.9	6.0177	0.8	10.9256	1.4	0.4771	1.2	0.84	2514.4	25.2	2516.8	13.4	2518.7	13.0	2518.7	13.0	99.8
650 Spot 162	246	34720	1.8	6.0000	0.8	11.0858	1.7	0.4826	1.4	0.87	2538.7	30.3	2530.4	15.5	2523.7	13.9	2523.7	13.9	100.6
650 Spot 217	522	749313	6.4	5.9805	0.7	10.7965	1.4	0.4685	1.2	0.88	2477.0	25.4	2505.8	13.1	2529.2	11.3	2529.2	11.3	97.9
650 Spot 142	124	69419	1.4	5.9077	0.8	10.8275	1.3	0.4641	1.0	0.77	2457.7	19.8	2508.4	11.7	2549.7	13.6	2549.7	13.6	96.4
_650 Spot 40	103	188858	14.6	5.6710	0.8	11.5272	1.3	0.4743	1.0	0.80	2502.5	20.8	2566.8	11.7	2618.0	12.5	2618.0	12.5	95.6
650 Spot 183	1846	369342	15.0	5.6497	0.8	12.0952	1.3	0.4958	1.1	0.81	2595.8	22.5	2611.8	12.2	2624.2	12.7	2624.2	12.7	98.9
650 Spot 271	130	35683	1.9	5.6086	0.7	12.1214	1.3	0.4933	1.1	0.86	2584.8	23.3	2613.8	11.9	2636.4	10.8	2636.4	10.8	98.0
650 Spot 279	28	14469	6.8	5.5203	0.7	12.7466	1.3	0.5106	1.1	0.82	2659.0	23.3	2661.1	12.2	2662.7	12.2	2662.7	12.2	99.9
_650 Spot 48	212	304196	4.3	5.0387	0.8	14.5395	1.3	0.5316	1.0	0.80	2748.1	23.0	2785.6	12.2	2812.9	12.5	2812.9	12.5	97.7
650 Spot 198	92	231383	2.2	4.2539	0.6	19.6312	1.2	0.6059	1.1	0.87	3053.7	26.0	3073.4	11.9	3086.2	9.8	3086.2	9.8	98.9

Sample: 62618DA1_167																			
167 Spot 272	260	16682	1.5	21.6181	2.0	0.0866	2.4	0.0136	1.3	0.56	86.9	1.2	84.3	1.9	10.0	47.1	86.9	1.2	NA
1_167 Spot 3	155	1343	1.7	27.0163	4.2	0.0784	4.4	0.0154	1.2	0.27	98.3	1.2	76.6	3.2	NA	NA	98.3	1.2	NA
_167 Spot 53	541	5746	1.2	21.6979	1.1	0.0985	1.8	0.0155	1.4	0.78	99.2	1.4	95.4	1.6	1.2	26.8	99.2	1.4	NA
167 Spot 269	401	8283	1.4	21.1449	1.3	0.1022	1.9	0.0157	1.4	0.73	100.3	1.4	98.8	1.8	63.0	31.6	100.3	1.4	NA
167 Spot 288	623	6242	1.8	21.4897	1.5	0.1007	1.8	0.0157	1.0	0.56	100.4	1.0	97.4	1.7	24.3	35.8	100.4	1.0	NA
167 Spot 179	298	7399	1.6	21.1654	1.6	0.1144	2.0	0.0176	1.3	0.64	112.2	1.4	109.9	2.1	60.7	37.4	112.2	1.4	NA
167 Spot 194	382	12499	0.9	20.7799	1.4	0.1191	2.2	0.0180	1.6	0.75	114.7	1.8	114.2	2.3	104.3	33.5	114.7	1.8	NA
167 Spot 290	888	25089	1.7	20.8980	1.2	0.1211	1.6	0.0184	1.1	0.69	117.3	1.3	116.0	1.8	90.9	27.9	117.3	1.3	NA
167 Spot 212	431	23003	0.9	20.5280	1.5	0.1280	2.1	0.0191	1.5	0.69	121.8	1.7	122.3	2.4	133.1	35.6	121.8	1.7	NA
_167 Spot 82	203	9273	0.8	16.7628	3.9	0.1573	4.2	0.0191	1.6	0.38	122.2	1.9	148.3	5.8	590.2	84.7	122.2	1.9	NA
167 Spot 276	448	354913	1.4	20.4823	1.4	0.1298	1.8	0.0193	1.1	0.64	123.2	1.4	123.9	2.1	138.3	32.6	123.2	1.4	NA
167 Spot 281	224	3170	1.3	22.0810	1.8	0.1217	2.1	0.0195	1.0	0.48	124.5	1.2	116.6	2.3	NA	NA	124.5	1.2	NA
167 Spot 161	100	2992	1.4	22.2934	3.6	0.1208	3.8	0.0195	1.3	0.34	124.8	1.6	115.8	4.2	NA	NA	124.8	1.6	NA
167 Spot 180	454	6137	1.1	20.8421	1.6	0.1295	2.1	0.0196	1.4	0.64	125.0	1.7	123.7	2.5	97.2	38.9	125.0	1.7	NA
167 Spot 283	198	1688	1.1	23.4769	1.8	0.1161	2.2	0.0198	1.3	0.56	126.2	1.6	111.5	2.3	NA	NA	126.2	1.6	NA
167 Spot 127	560	7263	1.5	21.6792	1.7	0.1258	2.0	0.0198	1.1	0.54	126.4	1.4	120.3	2.3	3.2	40.7	126.4	1.4	NA
167 Spot 256	325	2468	1.2	23.1984	3.0	0.1180	3.2	0.0199	1.2	0.37	126.8	1.5	113.2	3.5	NA	NA	126.8	1.5	NA
167 Spot 238	237	15794	1.7	20.4687	1.6	0.1357	2.1	0.0202	1.3	0.62	128.6	1.6	129.2	2.5	139.9	37.7	128.6	1.6	NA
_167 Spot 56	385	3821	1.1	22.3493	1.1	0.1245	1.8	0.0202	1.4	0.78	128.8	1.7	119.1	2.0	NA	NA	128.8	1.7	NA
167 Spot 104	202	87905	1.6	20.6670	1.5	0.1348	1.8	0.0202	1.1	0.60	129.0	1.4	128.4	2.2	117.2	34.9	129.0	1.4	NA
_167 Spot 72	330	20884	0.8	20.6059	1.2	0.1354	2.1	0.0202	1.7	0.80	129.2	2.1	129.0	2.5	124.1	29.0	129.2	2.1	NA
_167 Spot 81	141	3429	0.8	22.6784	2.4	0.1231	2.7	0.0203	1.2	0.47	129.3	1.6	117.9	3.0	NA	NA	129.3	1.6	NA
167 Spot 149	219	73544	1.3	20.4026	1.3	0.1389	1.7	0.0206	1.1	0.65	131.2	1.4	132.1	2.0	147.4	29.6	131.2	1.4	NA
_167 Spot 21	570	10345	2.0	20.6818	1.6	0.1531	2.3	0.0230	1.6	0.69	146.4	2.2	144.6	3.0	115.5	38.7	146.4	2.2	NA
167 Spot 244	2274	85372	4.8	20.3429	0.9	0.1569	1.6	0.0232	1.3	0.84	147.6	1.9	148.0	2.2	154.3	20.2	147.6	1.9	NA
167 Spot 165	315	25572	2.2	20.2235	1.2	0.1654	1.8	0.0243	1.4	0.76	154.6	2.1	155.4	2.6	168.1	27.1	154.6	2.1	NA
167 Spot 195	171	311	1.8	5.0316	36.2	0.6850	36.3	0.0250	3.3	0.09	159.2	5.2	529.8	151.0	2815.2	614.1	159.2	5.2	NA
_167 Spot 78	165	10774	2.0	20.9531	1.5	0.1689	2.0	0.0257	1.2	0.63	163.4	2.0	158.5	2.9	84.6	36.4	163.4	2.0	NA
167 Spot 150	396	12849	2.5	20.1753	1.5	0.1857	2.2	0.0272	1.6	0.71	172.9	2.7	172.9	3.5	173.6	36.1	172.9	2.7	NA
167 Spot 151	327	15376	1.8	19.7184	1.0	0.2146	1.5	0.0307	1.1	0.76	194.9	2.2	197.4	2.7	226.9	22.9	194.9	2.2	NA
167 Spot 247	430	5976	1.1	21.1351	1.3	0.2009	2.0	0.0308	1.5	0.74	195.6	2.8	185.9	3.4	64.1	31.5	195.6	2.8	NA
167 Spot 235	403	165946	2.3	19.8761	0.8	0.2144	1.5	0.0309	1.2	0.82	196.3	2.3	197.2	2.6	208.4	19.4	196.3	2.3	NA
167 Spot 287	2570	74019	4.1	19.4410	0.9	0.2205	1.5	0.0311	1.2	0.80	197.4	2.3	202.3	2.7	259.5	20.1	197.4	2.3	NA
_167 Spot 27	157	2001	1.9	22.9750	1.6	0.1868	1.9	0.0311	1.1	0.56	197.6	2.1	173.9	3.1	NA	NA	197.6	2.1	NA
167 Spot 198	726	9885	1.4	20.5309	0.9	0.2097	1.8	0.0312	1.6	0.87	198.3	3.1	193.3	3.2	132.8	21.5	198.3	3.1	NA
167 Spot 193	2264	97879	2.1	19.9694	0.9	0.2168	1.5	0.0314	1.2	0.81	199.3	2.3	199.2	2.7	197.5	20.3	199.3	2.3	NA
167 Spot 219	2411	388640	1.0	19.8286	0.8	0.2186	1.5	0.0315	1.3	0.85	199.6	2.5	200.8	2.8	214.0	18.7	199.6	2.5	NA
167 Spot 236	795	15323	1.8	19.9498	1.1	0.2211	1.7	0.0320	1.4	0.78	203.1	2.7	202.8	3.2	199.8	25.0	203.1	2.7	NA
167 Spot 187	1394	34457	1.9	20.1279	0.7	0.2197	1.4	0.0321	1.2	0.85	203.6	2.5	201.7	2.6	179.1	17.5	203.6	2.5	NA
167 Spot 226	1285	55857	1.7	19.9577	0.8	0.2217	1.3	0.0321	1.0	0.79	203.7	2.1	203.4	2.4	198.9	18.3	203.7	2.1	NA
167 Spot 102	868	22630	0.7	20.2183	1.0	0.2219	1.5	0.0326	1.1	0.73	206.5	2.2	203.5	2.8	168.7	24.1	206.5	2.2	NA
1_167 Spot 6	950	42372	1.3	19.7130	0.8	0.2285	1.5	0.0327	1.3	0.83	207.3	2.6	208.9	2.9	227.5	19.4	207.3	2.6	NA
167 Spot 191	3763	100004	5.1	19.9719	0.8	0.2271	1.3	0.0329	1.1	0.79	208.7	2.2	207.8	2.5	197.2	18.7	208.7	2.2	NA
167 Spot 114	1356	27883	6.1	19.9209	0.9	0.2278	1.5	0.0329	1.2	0.81	208.8	2.4	208.4	2.7	203.2	19.9	208.8	2.4	NA
_167 Spot 42	1103	47721	2.5	19.4999	0.8	0.2339	1.5	0.0331	1.3	0.84	209.9	2.6	213.4	2.9	252.6	18.9	209.9	2.6	NA
167 Spot 138	788	13596	2.3	18.7499	2.1	0.2443	2.7	0.0332	1.6	0.60	210.8	3.3	222.0	5.3	342.0	48.2	210.8	3.3	NA
_167 Spot 87	1358	28445	2.9	20.0557	0.7	0.2287	1.3	0.0333	1.2	0.86	211.0	2.4	209.1	2.5	187.5	16.1	211.0	2.4	NA
167 Spot 277	894	36215	2.4	19.5085	1.4	0.2356	2.0	0.0333	1.4	0.70	211.5	2.9	214.8	3.8	251.5	32.3	211.5	2.9	NA
_167 Spot 68	538	21395	1.6	20.5583	1.1	0.2254	1.7	0.0336	1.3	0.76	213.2	2.7	206.4	3.1	129.6	25.5	213.2	2.7	NA
_167 Spot 60	1466	51337	1.8	19.8712	0.8	0.2336	1.4	0.0337	1.1	0.81	213.5	2.3	213.1	2.6	209.0	18.5	213.5	2.3	NA
167 Spot 232	173	35968	2.2	19.3072	1.3	0.2425	1.7	0.0340	1.1	0.64	215.3	2.4	220.4	3.5	275.3	30.7	215.3	2.4	NA
167 Spot 125	164	5742	2.8	20.8373	1.5	0.2259	2.0	0.0342	1.3	0.65	216.5	2.8	206.8	3.8	97.8	36.6	216.5	2.8	NA
_167 Spot 63	379	5367	3.8	20.5842	1.2	0.2324	1.7	0.0347	1.2	0.68	219.9	2.5	212.1	3.2	126.7	29.2	219.9	2.5	NA
167 Spot 234	301	10879	2.4	19.9394	1.1	0.2728	2.0	0.0395	1.7	0.85	249.5	4.1	244.9	4.3	201.1	24.5	249.5	4.1	NA
_167 Spot 40	799	22178	1.8	19.5285	0.9	0.2865	1.5	0.0406	1.2	0.81	256.5	3.1	255.8	3.4	249.2	20.3	256.5	3.1	NA
167 Spot 231	127	6040	2.2	20.5220	2.0	0.2854	2.3	0.0425	1.1	0.47	268.3	2.9	254.9	5.2	133.8	48.1	268.3	2.9	NA
167 Spot 103	286	15277	2.5	19.5565	0.7	0.3405	1.3	0.0483	1.1	0.82	304.2	3.1	297.6	3.3	245.9	16.9	304.2	3.1	NA
167 Spot 265	461	17014	2.1	18.4822	0.9	0.4091	1.7	0.0549	1.5	0.86	344.3	5.0	348.2	5.2	374.5	20.2	344.3	5.0	NA
167 Spot 143	277	16761	1.1	18.7782	1.1	0.4147	1.4	0.0565	1.0	0.68	354.3	3.4	352.2	4.3	338.6	24.0	354.3	3.4	NA
167 Spot 280	327	36642	0.8	18.7420	0.9	0.4178	1.2	0.0568	0.8	0.67	356.3	2.8	354.5	3.6	343.0	20.1	356.3	2.8	NA
167 Spot 157	501	16755	4.2	18.7152	1.1	0.4311	1.6	0.0585	1.2	0.74	366.7	4.2	364.0	4.9	346.2	24.4	366.7	4.2	NA
167 Spot 206	458	12602	3.7	18.9011	1.1	0.4379	1.7	0.0601	1.3	0.77	376.0	4.9	368.8	5.4	323.8	25.2	376.0	4.9	NA
167 Spot 295	182	4840	1.4	18.8563	1.4	0.4751	1.8	0.0650	1.2	0.65	406.0	4.7	394.7	6.0	329.2	31.8	406.0	4.7	123.3
167 Spot 221	779	161452	2.9	17.9759	1.1	0.4988	1.7	0.0651	1.3	0.78	406.3	5.3	410.9	5.8	436.6	24.1	406.3	5.3	93.1
167 Spot 218	886	45316	2.8	18.0904	1.0	0.5220	1.5	0.0685	1.2	0.77	427.3	4.9	426.5	5.3	422.5	21.6	427.3	4.9	101.1
167 Spot 225	336	15860	3.4	16.5682	1.2	0.5792	1.8	0.0696	1.3	0.72	433.9	5.4	464.0	6.6	615.4	26.6	433.9	5.4	70.5
167 Spot 215	607	97269	75.9	18.0089	0.7	0.5332	1.3	0.0697	1.1	0.85	434.2	4.7	433.9	4.6	432.6	15.4	434.2	4.7	100.4
_167 Spot 70	782	88242	28.9	17.8249	1.0	0.5398	1.7	0.0698	1.4	0.81	435.0	5.7	438.3	6.0	455.4	22.0	435.0	5.7	95.5
_167 Spot 38	106	13922	1.8	18.0712	1.3	0.5383	1.8	0.0706	1.3	0.71	439.6	5.4	437.3	6.3	424.9	28.3	439.6	5.4	103.5
_167 Spot 88	280	13482	1.6	18.0695	0.9	0.5484	1.8	0.0719	1.5	0.85	447.6	6.6	443.9	6.5	425.1	20.9	447.6	6.6	105.3
_167 Spot 11	306	99048	1.0	17.2311	0.8	0.5912	1.3	0.0739	1.0	0.78	459.7	4.5	471.6	5.0	530.1	18.2	459.7	4.5	86.7
_167 Spot 50	1165	73231	41.0	17.0727	0.8	0.6349	1.9	0.0786	1.7	0.91	488.1	8.2	499.1	7.5	550.3	17.6	488.1	8.2	88.7

167 Spot 14	179	3429	1.4	18.7936	1.1	0.5790	1.7	0.0790	1.3	0.76	489.9	6.0	463.8	6.3	336.8	24.6	489.9	6.0	145.5
167 Spot 257	1017	34920	8.3	17.4698	0.9	0.6232	1.6	0.0790	1.3	0.83	490.2	6.1	491.9	6.1	499.9	19.1	490.2	6.1	98.0
167 Spot 166	425	612421	2.6	17.6299	0.8	0.6181	1.5	0.0791	1.2	0.84	490.5	5.8	488.6	5.6	479.7	17.5	490.5	5.8	102.3
_167 Spot 79	528	32948	1.4	17.4807	0.9	0.6346	1.7	0.0805	1.5	0.84	499.0	7.0	499.0	6.8	498.5	20.7	499.0	7.0	100.1
167 Spot 185	139	4159	1.3	18.6048	1.0	0.5965	1.6	0.0805	1.2	0.78	499.2	5.8	475.0	5.9	359.6	22.0	499.2	5.8	138.8
_167 Spot 77	624	111567	3.1	17.3862	0.8	0.6405	1.4	0.0808	1.1	0.80	500.9	5.4	502.6	5.5	510.4	18.2	500.9	5.4	98.1
167 Spot 168	331	33437	1.3	17.3433	0.7	0.6453	1.3	0.0812	1.1	0.87	503.3	5.5	505.6	5.3	515.9	14.6	503.3	5.5	97.6
1_167 Spot 5	755	31052	3.8	17.3356	0.9	0.6457	1.8	0.0812	1.6	0.86	503.4	7.5	505.9	7.2	516.8	20.2	503.4	7.5	97.4
167 Spot 243	328	33689	1.3	17.3474	0.9	0.6467	1.4	0.0814	1.1	0.76	504.5	5.3	506.5	5.7	515.3	20.3	504.5	5.3	97.9
167 Spot 262	218	15954	2.8	17.5855	1.0	0.6459	1.5	0.0824	1.2	0.77	510.5	5.8	505.9	6.1	485.3	21.7	510.5	5.8	105.2
167 Spot 204	333	122082	2.0	17.0843	0.8	0.6673	1.5	0.0827	1.3	0.85	512.4	6.3	519.1	6.1	548.8	17.1	512.4	6.3	93.4
167 Spot 155	225	11748	6.0	17.6578	0.8	0.6510	1.3	0.0834	1.0	0.80	516.5	5.0	509.1	5.1	476.3	16.8	516.5	5.0	108.4
167 Spot 111	664	120386	5.0	17.3201	0.8	0.6704	1.4	0.0842	1.2	0.84	521.4	5.9	520.9	5.8	518.8	16.9	521.4	5.9	100.5
_167 Spot 30	381	1350195	1.6	17.1904	0.9	0.6799	1.6	0.0848	1.3	0.81	524.7	6.6	526.7	6.6	535.3	20.5	524.7	6.6	98.0
_167 Spot 58	341	13965	1.4	17.8414	1.1	0.6586	1.9	0.0853	1.6	0.83	527.4	7.9	513.7	7.6	453.4	23.4	527.4	7.9	116.3
167 Spot 201	468	252852	2.3	17.2497	0.9	0.6839	1.7	0.0856	1.4	0.83	529.4	7.1	529.1	6.9	527.8	20.2	529.4	7.1	100.3
167 Spot 122	1587	35301	8.4	17.3638	0.7	0.6817	1.3	0.0859	1.1	0.85	531.2	5.6	527.8	5.3	513.3	14.6	531.2	5.6	103.5
_167 Spot 54	92	19963	1.7	17.5274	1.5	0.6763	2.0	0.0860	1.3	0.66	531.9	6.8	524.5	8.3	492.6	33.3	531.9	6.8	108.0
167 Spot 197	131	10140	1.4	17.3138	1.2	0.6881	1.9	0.0864	1.4	0.75	534.5	7.3	531.7	7.8	519.6	27.3	534.5	7.3	102.9
167 Spot 190	352	18345	1.8	17.2343	0.8	0.7002	1.4	0.0876	1.2	0.84	541.1	6.1	538.9	5.9	529.7	16.8	541.1	6.1	102.1
167 Spot 299	646	27660	9.0	16.8977	0.8	0.7244	1.4	0.0888	1.1	0.83	548.5	5.9	553.3	5.8	572.7	16.5	548.5	5.9	95.8
167 Spot 140	83	5261	0.8	18.2623	2.3	0.6710	2.6	0.0889	1.2	0.45	549.1	6.1	521.3	10.5	401.3	51.7	549.1	6.1	136.8
_167 Spot 61	544	38267	47.2	16.8907	0.8	0.7286	1.3	0.0893	1.0	0.78	551.4	5.2	555.8	5.4	573.7	17.1	551.4	5.2	96.1
_167 Spot 253	161	7143	1.4	17.6163	0.9	0.7042	1.3	0.0900	1.0	0.74	555.6	5.1	541.3	5.4	481.5	19.2	555.6	5.1	115.4
167 Spot 202	117	20283	1.0	17.0619	1.0	0.7280	1.5	0.0901	1.1	0.72	556.3	5.7	555.4	6.3	551.7	22.3	556.3	5.7	100.8
167 Spot 255	307	62882	5.4	17.0677	1.0	0.7288	1.7	0.0903	1.4	0.82	557.1	7.7	555.9	7.5	550.9	21.7	557.1	7.7	101.1
167 Spot 124	796	30329	15.2	17.0967	0.8	0.7279	1.6	0.0903	1.3	0.85	557.3	7.2	555.3	6.8	547.3	18.2	557.3	7.2	101.8
_167 Spot 93	1407	106273	11.1	16.9298	0.6	0.7354	1.4	0.0903	1.2	0.89	557.6	6.5	559.7	5.9	568.7	13.6	557.6	6.5	98.0
167 Spot 200	625	63922	6.1	16.9686	1.0	0.7427	1.6	0.0914	1.2	0.77	564.0	6.6	564.0	6.8	563.6	22.0	564.0	6.6	100.1
1_167 Spot 2	183	113803	6.3	16.4554	0.9	0.7691	1.5	0.0918	1.2	0.79	566.4	6.5	579.3	6.7	630.2	20.2	566.4	6.5	89.9
_167 Spot 15	971	114731	9.9	16.8115	0.9	0.7629	1.5	0.0931	1.3	0.82	573.6	6.9	575.7	6.7	583.9	18.9	573.6	6.9	98.2
_167 Spot 99	248	70734	39.9	17.0057	0.9	0.7559	1.3	0.0933	0.9	0.69	574.9	4.9	571.7	5.7	558.9	20.6	574.9	4.9	102.9
167 Spot 296	80	2972	2.2	18.2327	1.6	0.7064	1.9	0.0935	1.1	0.57	575.9	6.1	542.6	8.1	405.0	35.5	575.9	6.1	142.2
167 Spot 146	107	20291	1.0	16.6313	1.2	0.7800	1.8	0.0941	1.4	0.75	579.9	7.6	585.5	8.1	607.2	26.0	579.9	7.6	95.5
167 Spot 227	519	37056	4.2	16.9655	1.0	0.7655	1.8	0.0942	1.5	0.85	580.6	8.5	577.2	7.9	564.0	20.8	580.6	8.5	102.9
_167 Spot 22	405	117230	3.4	16.7561	0.6	0.7783	1.2	0.0946	1.1	0.89	582.8	6.2	584.5	5.5	591.0	12.3	582.8	6.2	98.6
167 Spot 242	398	16031	366.8	16.8962	0.9	0.7720	1.5	0.0946	1.2	0.78	583.0	6.5	580.9	6.6	573.0	20.2	583.0	6.5	101.7
_167 Spot 71	626	34000	10.8	16.6154	0.8	0.7859	1.5	0.0947	1.3	0.84	583.6	7.2	588.8	6.8	609.3	17.8	583.6	7.2	95.8
167 Spot 271	55	14375	2.1	16.5702	1.4	0.7904	1.9	0.0950	1.3	0.68	585.2	7.2	591.4	8.4	615.2	29.5	585.2	7.2	95.1
_167 Spot 13	595	9159436	5.5	16.9273	0.8	0.7767	1.4	0.0954	1.2	0.85	587.3	6.7	583.6	6.3	569.0	16.4	587.3	6.7	103.2
_167 Spot 34	423	21447	2.2	16.5354	0.9	0.8012	1.8	0.0961	1.6	0.87	591.7	8.8	597.5	8.1	619.7	19.2	591.7	8.8	95.5
167 Spot 188	309	25118	3.8	16.9882	1.0	0.7820	1.6	0.0964	1.3	0.79	593.2	7.1	586.6	7.1	561.1	21.1	593.2	7.1	105.7
_167 Spot 91	379	17312	2.9	16.7523	0.7	0.8032	1.4	0.0976	1.2	0.86	600.5	6.9	598.6	6.4	591.5	15.7	600.5	6.9	101.5
167 Spot 208	313	195522	6.6	16.6272	0.8	0.8101	1.4	0.0977	1.2	0.84	601.1	6.9	602.5	6.4	607.7	16.4	601.1	6.9	98.9
167 Spot 209	938	36846	6.5	16.5750	0.7	0.8143	1.6	0.0979	1.5	0.90	602.3	8.3	604.8	7.3	614.5	14.8	602.3	8.3	98.0
_167 Spot 16	181	763433	2.1	16.2400	1.1	0.8368	1.5	0.0986	1.0	0.66	606.2	5.7	617.4	7.0	658.5	24.3	606.2	5.7	92.1
_167 Spot 37	50	11248	2.2	16.4320	1.5	0.8273	1.8	0.0986	1.1	0.60	606.4	6.3	612.1	8.4	633.3	31.5	606.4	6.3	95.8
167 Spot 245	357	32303	4.9	16.8169	0.9	0.8130	1.5	0.0992	1.2	0.79	609.7	6.9	604.1	6.9	583.2	20.1	609.7	6.9	104.6
_167 Spot 39	795	47595	17.0	16.7237	1.0	0.8176	1.7	0.0992	1.4	0.82	609.8	8.1	606.7	7.7	595.2	20.7	609.8	8.1	102.4
167 Spot 241	593	21645	4.8	16.8520	0.8	0.8123	1.7	0.0993	1.5	0.87	610.4	8.8	603.7	7.9	578.7	18.4	610.4	8.8	105.5
167 Spot 172	638	50302	8.1	16.0726	0.8	0.8550	2.1	0.0997	2.0	0.93	612.7	11.4	627.4	9.8	680.6	16.1	612.7	11.4	90.0
167 Spot 105	370	46322	0.5	16.9407	0.9	0.8148	1.4	0.1002	1.0	0.76	615.3	6.1	605.1	6.2	567.3	19.2	615.3	6.1	108.5
_167 Spot 55	190	29377	2.4	16.6715	0.9	0.8296	1.5	0.1004	1.2	0.78	616.5	6.8	613.4	6.8	602.0	20.1	616.5	6.8	102.4
_167 Spot 31	103	5519	1.5	17.5236	1.3	0.7920	2.3	0.1007	1.8	0.82	618.5	10.9	592.3	10.1	493.1	28.6	618.5	10.9	125.4
_167 Spot 84	827	110216	3.7	13.8293	0.8	1.0307	3.0	0.1034	2.9	0.96	634.4	17.3	719.3	15.4	993.8	16.9	634.4	17.3	63.8
167 Spot 252	336	164221	1.9	16.5759	0.9	0.8601	1.8	0.1034	1.6	0.86	634.6	9.5	630.2	8.6	614.4	20.4	634.6	9.5	103.3
167 Spot 261	421	89560	7.2	15.5973	1.0	0.9519	1.6	0.1077	1.2	0.78	659.5	7.6	679.1	7.7	744.4	20.8	659.5	7.6	88.6
167 Spot 116	93	7083	1.4	16.6956	1.1	0.9098	1.6	0.1102	1.1	0.71	674.0	7.1	657.0	7.5	598.9	23.7	674.0	7.1	112.5
167 Spot 156	99	16541	1.7	15.4485	1.0	0.9939	1.7	0.1114	1.3	0.79	680.9	8.6	700.7	8.6	764.7	22.0	680.9	8.6	89.1
167 Spot 119	148	35384	2.2	15.3706	1.0	1.0032	1.5	0.1119	1.1	0.76	683.7	7.4	705.4	7.7	775.3	20.7	683.7	7.4	88.2
167 Spot 152	102	13441	0.4	16.1392	1.1	0.9607	1.5	0.1125	1.0	0.66	687.3	6.4	683.7	7.4	671.8	24.2	687.3	6.4	102.3
_167 Spot 65	477	32277	3.6	15.3188	0.9	1.0175	1.5	0.1131	1.2	0.81	690.7	8.1	712.7	7.9	782.4	19.2	690.7	8.1	88.3
167 Spot 171	503	61741	2.6	15.0673	1.2	1.0711	2.5	0.1171	2.3	0.89	713.8	15.3	739.3	13.3	817.1	24.1	713.8	15.3	87.4
167 Spot 121	337	30932	4.8	15.1156	0.8	1.0812	1.5	0.1186	1.2	0.83	722.4	8.5	744.2	7.9	810.5	17.7	722.4	8.5	89.1
_167 Spot 98	81	11763	2.0	15.7444	1.0	1.0557	1.8	0.1206	1.5	0.82	734.0	10.1	731.7	9.2	724.6	21.4	734.0	10.1	101.3
167 Spot 186	186	8549	1.1	15.6305	0.9	1.0765	1.4	0.1221	1.0	0.74	742.6	7.2	741.9	7.3	739.9	19.8	742.6	7.2	100.4
_167 Spot 80	57	14465	1.9	15.1766	1.0	1.1171	1.8	0.1230	1.5	0.82	747.9	10.5	761.6	9.7	802.0	21.8	747.9	10.5	93.3
167 Spot 167	182	28169	2.9	14.8237	1.0	1.1988	2.1	0.1289	1.8	0.87	781.8	13.4	800.0	11.5	851.1	21.1	781.8	13.4	91.9
_167 Spot 18	163	74283	1.3	14.6529	1.1	1.2372	3.4	0.1315	3.2	0.95	796.7	24.3	817.6	19.3	875.1	23.0	796.7	24.3	91.0
167 Spot 178	337	33842	1.7	14.7336	1.0	1.3151	1.5	0.1406	1.1	0.72	848.0	8.4	852.3	8.5	863.8	21.0	848.0	8.4	98.2
167 Spot 228	79	53135	1.0	14.9912	1.3	1.3218	1.8	0.1438	1.2	0.67	866.0	9.5	855.3	10.2	827.7	27.4	866.0	9.5	104.6
167 Spot 135	241	41173	2.7	14.5961	0.8	1.3922	1.6	0.1474	1.4	0.85	886.6	11.5	885.6	9.6	883.2	17.5	886.6	11.5	100.4
_167 Spot 86	325	23878	7.8	14.4649	0.7	1.4285	1.4	0.1499	1.2	0.86	900.5	10.5	900.9	8.6	901.8	15.1	901.8	15.1	99.9
167 Spot 175	115	15541	2.9	14.4347	0.9	1.4922	1.6	0.1563	1.3	0.81	936.1	11.4	927.2	9.8	906.1	19.4	906.1	19.4	103.3
167 Spot 237	281	27926	1.7	14.2626	0.7	1.5322	1.4	0.1586	1.2	0.85	948.8	10.2	943.4	8.4	930.8	15.0	930.8	15.0	101.9
1_167 Spot 4	596	101170	2.8	14.2190	0.6	1.5282	1.3	0.1577	1.2	0.89	943.8	10.4	941.8	8.2	937.0	12.7	937.0	12.7	100.7
_167 Spot 32	126	13218	0.6	14.1109	1.0	1.5538	1.5	0.1591	1.2	0.77	951.7	10.4	952.0	9.4	952.7	19.6	952.7	19.6	99.9
167 Spot 294	599	57181	2.1	13.9296	0.7	1.5956	1.2	0.1613	1.0	0.84	963.8	9.2	968.5	7.7	979.1	13.7	979.1	13.7	98.4
167 Spot 128	1063	112797	8.3	13.9200	0.9	1.5864	1.6	0.1602	1.3	0.83	958.0	11.7	964.9	9.9	980.5	18.2	980.5	18.2	97.7
_167 Spot 17	295	2112098	3.1	13.8812	0.8	1.5911	1.6	0.1603	1.3	0.84	958.2	11.7	966.7	9.7	986.2	17.2	986.2	17.2	97.2
167 Spot 254	359	87768	5.3	13.7263	0.8	1.5559	1.6	0.1550	1.4	0.87	928.7	11.9	952.9	9.8	1009.0	16.0	1009.0	16.0	92.0
_167 Spot 43	44	40731	1.5	13.7082	1.3	1.6658	1.6	0.1657	0.9	0.56	988.3	7.9	995.6	9.8	1011.6	26.1	1011.6	26.1	97.7
_167 Spot 51	223	27941	2.1	13.6861	0.9	1.5408	1.6	0.1530	1.3	0.82	917.8	11.0	946.8	9.7	1014.9	18.2	1014.9	18.2	90.4
_167 Spot 67	88	20467	1.7	13.6063	1.0	1.7935	1.5	0.1771	1.0	0.71	1050.9	10.1	1043.1	9.6	1026.7	20.9	1026.7	20.9	102.4
167 Spot 181	424	37090	2.0	13.6030	0.8	1.5407	1.6	0.1521	1.4	0.88	912.5	11.7	946.8	9.7	1027.2	15.2	1027.2	15.2	88.8
_167 Spot 48	641	32690	5.7	13.5771	0.8	1.5017	1.8	0.1479	1.6	0.89	889.4	13.6	931.1	11.2	1031.1	16.7	1031.1	16.7	86.3
167 Spot 177	423	73642	3.0	13.5740	1.0	1.6135	2.1	0.1589	1.9	0.89	950.7	16.7	975.5	13.3	1031.5	19.9	1031.5	19.9	92.2
167 Spot 137	567	37697	1.7	13.4503	0.6	1.8330	1.1	0.1789	0.9	0.83	1060.9	9.2	1057.3	7.5	1050.1	12.9	1050.1	12.9	101.0
167 Spot 282	532	72837	3.6	13.2275	1.1	1.7667	2.1	0.1696	1.8	0.85	1009.7	16.4	1033.3	13.3	1083.6	21.5	1083.6	21.5	93.2
167 Spot 240	41	11153	0.9	13.2236	1.1	1.9363	1.7	0.1858	1.3	0.75	1098.5	13.0	1093.7	11.4	1084.2	22.5	1084.2	22.5	101.3
_167 Spot 95	170	39130	1.6	13.2088	0.5	1.8653	1.3	0.1788	1.1	0.90	1060.3	11.1	1068.9	8.3	1086.5	10.9	1086.5	10.9	97.6
_167 Spot 144	151	127140	1.7	13.2002	0.8	1.9327	1.7	0.1851	1.5	0.89	1094.8	15.2	1092.5	11.3	1087.8	15.3	1087.8	15.3	100.6
167 Spot 285	202	39811	3.0	13.1700	0.9	1.9023	1.5	0.1818	1.3	0.82	1076.7	12.4	1081.9	10.1	1092.4	17.3	1092.4	17.3	98.6
_167 Spot 28	157	11587	1.3	13.1690	1.1	1.9139	1.7	0.1829	1.3	0.77	1082.7	12.9	1085.9	11.3	1092.5	21.8	1092.5	21.8	99.1
_167 Spot 10	459	145301	2.0	13.1669	0.7	1.8263	1.3	0.1745	1.0	0.81	1036.8	9.8	1055.0	8.3	1092.8	14.8	1092.8	14.8	94.9
1_167 Spot 0	414	35300	3.3	13.1435	0.8	1.9673	1.7	0.1876	1.6	0.90	1108.4	15.9	1104.4	11.7	1096.4	15.3	1096.4	15.3	101.1
167 Spot 223	146	21181	1.8	13.1286	1.5	1.8123	1.7	0.1726	0.9	0.54	1026.6	8.9	1049.9	11.3	1098.6	29.1	1098.6	29.1	93.4
167 Spot 210	433	86239	6.8	13.0713	1.0	2.0024	1.6	0.1899	1.2	0.79	1120.9	12.7	1116.3	10.6	1107.4	19.4	1107.4	19.4	101.2
167 Spot 100	307	58220	2.4	13.0555	0.6	1.9204	1.1	0.1819	0.9	0.83	1077.5	9.3	1088.2	7.5	1109.8	12.5	1109.8	12.5	97.1
167 Spot 115	243	27521	1.5	13.0386	0.7	1.9350	1.1	0.1831	0.9	0.77	1083.7	8.8	1093.3	7.7	1112.4	14.6	1112.4	14.6	97.4
167 Spot 109	52	14129	0.8	13.0062	1.0	2.0653	1.4	0.1949	0.9	0.66	1147.9	9.4	1137.4	9.3	1117.4	20.3	1117.4	20.3	102.7
167 Spot 132	110	13761	1.1	12.9730	0.9	2.0494	1.8	0.1929	1.6	0.87	1137.1	16.7	1132.1	12.5	1122.5	18.0	1122.5	18.0	101.3
167 Spot 211	93	18942	0.9	12.9720	1.0	1.9729	1.6	0.1857	1.2	0.75	1098.0	11.8	1106.3	10.4	1122.6	20.4	1122.6	20.4	97.8
167 Spot 130	62	15633	1.0	12.9474	1.1	2.0973	1.8	0.1970	1.4	0.78	1159.3	14.6	1147.9	12.2	1126.4	22.3	1126.4	22.3	102.9
_167 Spot 74	40	18343	1.0	12.9442	0.7	2.0697	1.2	0.1944	0.9	0.78	1145.1	9.9	1138.8	8.3	1126.9	14.9	1126.9	14.9	101.6
_167 Spot 73	415	46704	1.2	12.9361	0.7	1.8812	1.3	0.1766	1.1	0.85	1048.3	10.9	1074.5	8.8	1128.2	14.0	1128.2	14.0	92.9
167 Spot 120	129	30370	0.9	12.9121	1.0	2.0109	1.6	0.1884	1.2	0.78	1112.7	12.7	1119.2	10.8	1131.8	19.9	1131.8	19.9	98.3
167 Spot 270	128	15384	0.7	12.9057	0.9	2.0264	1.6	0.1898	1.3	0.81	1120.0	13.3	1124.4	10.8	1132.8	18.5	1132.8	18.5	98.9
167 Spot 273	93	40033	1.4	12.8679	0.9	2.0515	1.6	0.1915	1.3	0.83	1129.7	13.3	1132.8	10.6	1138.7	17.5	1138.7	17.5	99.2
167 Spot 141	238	31380	0.9	12.8549	0.8	2.0736	1.4	0.1934	1.1	0.81	1139.8	11.7	1140.1	9.4	1140.7	15.9	1140.7	15.9	99.9
_167 Spot 44	176	22300	1.5	12.8478	0.9	2.1231	1.6	0.1979	1.3	0.83	1164.1	13.9	1156.4	10.9	1141.8	17.4	1141.8	17.4	102.0
167 Spot 176	148	70333	1.4	12.8273	0.9	2.0935	1.4	0.1948	1.1	0.77	1147.6	11.3	1146.7	9.6	1145.0	17.8	1145.0	17.8	100.2
167 Spot 129	142	63551	1.3	12.8240	1.0	2.1348	1.6	0.1986	1.3	0.79	1168.0	13.5	1160.1	11.1	1145.5	19.6	1145.5	19.6	102.0
167 Spot 293	124	35364	1.3	12.8154	0.9	2.0138	1.5	0.1873	1.2	0.82	1106.5	12.6	1120.2	10.2	1146.8	16.9	1146.8	16.9	96.5
_167 Spot 33	102	34477	1.7	12.8023	1.1	2.1700	1.8	0.2016	1.4	0.77	1183.8	14.6	1171.5	12.2	1148.8	22.4	1148.8	22.4	103.0
167 Spot 207	316	30676	0.7	12.7904	0.9	1.8260	1.3	0.1695	1.0	0.75	1009.2	9.3	1054.9	8.7	1150.7	17.3	1150.7	17.3	87.7
167 Spot 154	57	13359	1.1	12.7774	1.2	2.1044	1.8	0.1951	1.3	0.74	1148.9	13.7	1150.2	12.2	1152.7	23.7	1152.7	23.7	99.7
167 Spot 163	97	35746	1.0	12.7655	0.9	2.1064	1.7	0.1951	1.4	0.84	1148.9	14.8	1150.9	11.5	1154.5	18.0	1154.5	18.0	99.5
_167 Spot 83	105	16991	1.4	12.7290	1.3	2.1358	1.9	0.1973	1.5	0.76	1160.6	15.5	1160.5	13.4	1160.2	25.1	1160.2	25.1	100.0
_167 Spot 41	248	89201	1.6	12.7122	0.8	1.9867	1.2	0.1833	0.9	0.74	1084.7	9.0	1111.0	8.2	1162.8	16.2	1162.8	16.2	93.3
167 Spot 108	242	36365	1.0	12.6858	0.9	2.2293	1.6	0.2052	1.3	0.83	1203.2	14.2	1190.3	10.9	1166.9	17.0	1166.9	17.0	103.1
167 Spot 162	170	74841	1.2	12.6857	0.9	2.1176	1.6	0.1949	1.4	0.84	1147.9	14.3	1154.5	11.2	1167.0	17.4	1167.0	17.4	98.4
167 Spot 147	32	23753	0.7	12.6738	1.2	2.1932	1.7	0.2017	1.2	0.72	1184.4	13.5	1178.9	12.0	1168.9	23.6	1168.9	23.6	101.3

167 Spot 118	327	29671	2.2	12.6475	0.9	2.1983	1.5	0.2017	1.2	0.81	1184.7	12.9	1180.5	10.3	1173.0	17.1	1173.0	17.1	101.0
167 Spot 224	109	33932	0.9	12.6359	1.0	2.1695	1.3	0.1989	0.9	0.70	1169.4	10.1	1171.3	9.4	1174.8	19.1	1174.8	19.1	99.5
167 Spot 275	123	75444	1.4	12.6128	1.2	2.1466	1.6	0.1965	1.0	0.63	1156.2	10.6	1164.0	11.0	1178.4	24.4	1178.4	24.4	98.1
167 Spot 174	70	39866	0.8	12.6009	1.1	2.1629	1.6	0.1978	1.2	0.73	1163.2	12.3	1169.2	11.0	1180.3	21.5	1180.3	21.5	98.6
167 Spot 145	289	380474	3.0	12.5698	0.6	2.1400	1.1	0.1952	0.9	0.83	1149.4	10.0	1161.8	7.9	1185.2	12.4	1185.2	12.4	97.0
167 Spot 169	96	45623	1.0	12.5535	1.0	2.2662	1.3	0.2064	0.8	0.63	1209.7	9.0	1201.8	9.1	1187.7	19.7	1187.7	19.7	101.9
167 Spot 158	115	23321	0.8	12.5273	0.8	2.1726	1.6	0.1975	1.3	0.84	1161.8	13.9	1172.3	10.8	1191.8	16.4	1191.8	16.4	97.5
167 Spot 263	526	54042	7.3	12.4869	0.7	2.1856	1.5	0.1980	1.3	0.88	1164.7	14.1	1176.5	10.5	1198.2	14.0	1198.2	14.0	97.2
167 Spot 266	165	63472	2.0	12.4828	0.8	2.2631	1.4	0.2050	1.2	0.85	1202.0	13.2	1200.9	10.0	1198.8	14.9	1198.8	14.9	100.3
167 Spot 284	197	42916	9.6	12.4032	1.0	2.2064	1.6	0.1986	1.3	0.80	1167.6	13.7	1183.1	11.2	1211.4	18.7	1211.4	18.7	96.4
167 Spot 123	884	480378	1.5	12.3852	0.8	2.1851	1.4	0.1964	1.2	0.84	1155.7	12.5	1176.3	9.8	1214.3	14.8	1214.3	14.8	95.2
167 Spot 229	205	488885	0.5	12.3767	0.7	2.2336	1.2	0.2006	1.0	0.82	1178.5	10.9	1191.7	8.6	1215.7	13.8	1215.7	13.8	96.9
167 Spot 259	491	137686	2.1	12.3411	0.7	2.2138	1.7	0.1982	1.5	0.89	1165.8	15.9	1185.4	11.7	1221.3	14.7	1221.3	14.7	95.5
167 Spot 153	307	262315	1.6	12.2399	0.9	2.3698	1.6	0.2105	1.3	0.82	1231.3	14.7	1233.5	11.4	1237.5	18.0	1237.5	18.0	99.5
_167 Spot 24	177	20826	1.9	12.2235	0.8	2.3741	1.4	0.2106	1.2	0.83	1231.8	13.3	1234.8	10.2	1240.1	15.4	1240.1	15.4	99.3
_167 Spot 92	157	21873	0.7	12.0625	0.8	2.3818	1.3	0.2085	1.0	0.77	1220.6	11.3	1237.1	9.4	1266.0	16.4	1266.0	16.4	96.4
167 Spot 274	341	26372	6.1	12.0152	1.0	1.1563	2.1	0.1008	1.8	0.87	619.1	10.7	780.2	11.3	1273.7	19.8	1273.7	19.8	48.6
167 Spot 159	116	108574	1.0	11.8402	0.8	2.6390	1.3	0.2267	1.0	0.75	1317.3	11.5	1311.6	9.4	1302.3	16.3	1302.3	16.3	101.2
167 Spot 101	329	24773	1.7	11.7902	0.8	2.5259	1.2	0.2161	0.9	0.73	1261.2	10.5	1279.5	9.1	1310.5	16.5	1310.5	16.5	96.2
167 Spot 164	531	134452	1.6	11.5188	0.8	2.5492	1.4	0.2131	1.1	0.81	1245.1	12.8	1286.2	10.2	1355.5	16.0	1355.5	16.0	91.9
_167 Spot 94	237	22618	0.9	11.4039	0.8	2.7810	1.4	0.2301	1.1	0.81	1335.1	13.5	1350.4	10.4	1374.8	15.9	1374.8	15.9	97.1
167 Spot 230	150	34921	1.3	11.2443	0.7	2.9318	1.5	0.2392	1.3	0.87	1382.5	15.8	1390.1	11.1	1401.9	14.1	1401.9	14.1	98.6
167 Spot 106	341	314876	3.8	11.2243	0.7	2.8892	1.1	0.2353	0.9	0.78	1362.2	10.9	1379.1	8.5	1405.3	13.4	1405.3	13.4	96.9
167 Spot 199	123	20750	1.3	11.0987	0.8	3.0124	1.4	0.2426	1.1	0.80	1400.1	14.1	1410.8	10.6	1426.8	15.9	1426.8	15.9	98.1
167 Spot 217	72	12075	1.0	10.9759	0.8	3.1182	1.3	0.2483	1.1	0.80	1429.9	13.7	1437.2	10.3	1448.0	15.4	1448.0	15.4	98.7
_167 Spot 75	160	30778	1.6	10.8822	0.9	3.2036	1.6	0.2530	1.3	0.81	1453.7	16.8	1458.0	12.4	1464.3	17.9	1464.3	17.9	99.3
_167 Spot 25	755	109145	3.2	10.8320	1.0	3.1473	1.6	0.2474	1.2	0.78	1424.9	15.4	1444.3	12.0	1473.1	18.6	1473.1	18.6	96.7
1_167 Spot 1	297	51103	1.4	10.8311	0.7	3.2351	1.6	0.2542	1.4	0.88	1460.3	17.8	1465.6	12.1	1473.3	14.1	1473.3	14.1	99.1
167 Spot 239	179	27542	1.8	10.7276	0.9	3.1661	1.9	0.2464	1.7	0.89	1420.1	21.6	1448.9	14.7	1491.5	16.4	1491.5	16.4	95.2
167 Spot 267	416	38962	7.4	10.7056	0.6	2.8408	1.4	0.2207	1.3	0.91	1285.4	14.8	1366.4	10.6	1495.3	11.3	1495.3	11.3	86.0
167 Spot 173	1996	211250	206.1	10.5361	0.6	3.1911	1.2	0.2440	1.1	0.89	1407.2	13.5	1455.0	9.3	1525.5	10.5	1525.5	10.5	92.2
167 Spot 250	47	33820	0.6	10.5063	0.9	3.6355	1.3	0.2771	1.0	0.77	1577.0	14.5	1557.3	10.7	1530.8	16.2	1530.8	16.2	103.0
_167 Spot 90	436	69788	3.4	10.4489	0.9	3.6087	1.4	0.2736	1.1	0.79	1559.0	15.4	1551.5	11.2	1541.1	16.3	1541.1	16.3	101.2
167 Spot 260	68	84213	1.1	10.2902	1.0	3.7164	1.6	0.2775	1.3	0.77	1578.7	17.7	1574.9	13.0	1569.9	19.3	1569.9	19.3	100.6
167 Spot 220	388	10161151	1.9	10.2349	0.7	3.6892	1.3	0.2740	1.1	0.83	1560.9	14.6	1569.0	10.2	1579.9	13.4	1579.9	13.4	98.8
167 Spot 213	460	638937	3.7	10.1923	1.0	3.5703	1.8	0.2640	1.5	0.82	1510.5	19.7	1543.0	14.1	1587.7	18.8	1587.7	18.8	95.1
_167 Spot 69	759	234212	4.6	10.1890	0.8	3.3282	1.5	0.2461	1.2	0.85	1418.1	15.7	1487.7	11.4	1588.3	14.5	1588.3	14.5	89.3
_167 Spot 76	173	23015	1.2	10.1823	0.6	3.6581	1.0	0.2703	0.9	0.84	1542.2	11.8	1562.3	8.1	1589.6	10.3	1589.6	10.3	97.0
_167 Spot 36	62	23688	1.3	10.1397	1.0	3.7941	1.5	0.2791	1.1	0.76	1587.0	16.0	1591.5	12.0	1597.4	18.2	1597.4	18.2	99.4
1_167 Spot 9	154	235648	1.6	10.0435	0.7	3.9392	1.2	0.2871	1.0	0.81	1626.9	14.0	1621.8	9.7	1615.2	13.0	1615.2	13.0	100.7
_167 Spot 45	600	152550	1.5	10.0306	0.7	3.6773	1.5	0.2676	1.3	0.89	1528.8	17.8	1566.5	11.7	1617.6	12.4	1617.6	12.4	94.5
167 Spot 258	327	62240	1.6	9.9964	0.8	3.8682	1.8	0.2806	1.7	0.90	1594.2	23.3	1607.1	14.9	1623.9	15.2	1623.9	15.2	98.2
167 Spot 279	240	150567	1.9	9.9880	1.0	4.1493	1.8	0.3007	1.5	0.83	1694.8	22.8	1664.1	15.0	1625.5	18.9	1625.5	18.9	104.3
_167 Spot 49	248	152559	1.2	9.8961	1.0	4.0158	1.7	0.2884	1.4	0.82	1633.3	19.7	1637.4	13.5	1642.7	17.7	1642.7	17.7	99.4
167 Spot 136	1549	141966	2.2	9.8842	0.7	3.7184	1.3	0.2667	1.0	0.82	1523.9	14.2	1575.3	10.2	1644.9	13.4	1644.9	13.4	92.6
_167 Spot 85	205	22153161	2.0	9.7885	0.7	4.1398	1.5	0.2940	1.4	0.89	1661.6	20.2	1662.2	12.7	1662.9	13.1	1662.9	13.1	99.9
_167 Spot 23	55	6438746	1.1	9.7435	1.3	4.1178	3.7	0.2911	3.5	0.94	1647.1	50.8	1657.8	30.4	1671.4	23.4	1671.4	23.4	98.5
_167 Spot 96	235	148770	2.7	9.6114	0.9	4.3891	1.5	0.3061	1.2	0.80	1721.4	18.7	1710.3	12.8	1696.6	17.0	1696.6	17.0	101.5
167 Spot 192	238	28762	1.2	9.5739	0.8	4.2082	1.4	0.2923	1.2	0.84	1653.2	17.4	1675.6	11.7	1703.8	14.4	1703.8	14.4	97.0
167 Spot 117	363	36790	2.2	9.5121	0.8	4.4930	1.6	0.3101	1.4	0.87	1741.2	20.8	1729.7	13.0	1715.8	14.1	1715.8	14.1	101.5
167 Spot 216	277	310822	3.0	9.4004	0.8	4.5534	1.6	0.3106	1.4	0.87	1743.6	20.9	1740.8	13.0	1737.4	14.1	1737.4	14.1	100.4
_167 Spot 59	208	71251	1.4	9.3760	0.7	4.5863	1.2	0.3120	1.0	0.81	1750.6	15.3	1746.8	10.3	1742.2	13.4	1742.2	13.4	100.5
167 Spot 133	206	565255	2.2	9.3570	0.8	4.2581	1.3	0.2891	1.0	0.78	1637.0	14.8	1685.3	10.8	1745.9	15.1	1745.9	15.1	93.8
167 Spot 292	349	210227	1.8	9.3346	1.0	4.5372	1.6	0.3073	1.2	0.77	1727.5	18.6	1737.8	13.3	1750.3	18.7	1750.3	18.7	98.7
1_167 Spot 7	566	136513	12.9	9.3109	0.6	4.5613	1.3	0.3082	1.1	0.89	1731.6	17.2	1742.2	10.7	1755.0	10.8	1755.0	10.8	98.7
167 Spot 246	2273	51559	12.0	9.2392	0.9	3.7281	1.4	0.2499	1.1	0.78	1438.1	13.9	1577.4	11.1	1769.1	16.0	1769.1	16.0	81.3
_167 Spot 66	123	56046	0.8	9.2169	0.8	4.7338	1.4	0.3166	1.1	0.80	1773.0	17.4	1773.2	11.8	1773.5	15.4	1773.5	15.4	100.0
167 Spot 107	246	51321	2.7	9.1663	0.6	4.8202	1.1	0.3206	0.9	0.81	1792.6	13.8	1788.4	9.1	1783.6	11.5	1783.6	11.5	100.5
167 Spot 189	708	69184	1.5	9.1466	0.7	4.6002	1.5	0.3053	1.3	0.86	1717.5	19.2	1749.3	12.3	1787.5	13.6	1787.5	13.6	96.1
167 Spot 160	381	127904	7.5	9.1246	0.8	4.7101	1.5	0.3118	1.2	0.82	1749.8	18.3	1769.0	12.2	1791.9	15.1	1791.9	15.1	97.7
167 Spot 249	287	31184	3.1	9.0723	0.7	4.8169	1.2	0.3171	1.0	0.85	1775.5	16.1	1787.9	10.3	1802.3	11.8	1802.3	11.8	98.5
167 Spot 289	279	306888	1.2	9.0380	0.7	4.7913	1.4	0.3142	1.2	0.85	1761.4	18.2	1783.4	11.7	1809.2	13.3	1809.2	13.3	97.4
_167 Spot 20	147	58278	3.3	8.8465	0.6	5.3477	1.1	0.3433	0.9	0.84	1902.4	15.4	1876.5	9.6	1848.0	11.1	1848.0	11.1	102.9
167 Spot 142	306	30695	3.6	8.8124	0.6	5.1499	1.3	0.3293	1.1	0.86	1834.9	17.6	1844.4	10.9	1855.0	11.7	1855.0	11.7	98.9
167 Spot 264	228	782305	2.0	8.7424	0.8	5.3095	1.3	0.3368	1.0	0.77	1871.3	16.2	1870.4	11.0	1869.4	14.7	1869.4	14.7	100.1
167 Spot 291	1567	152672	4.3	8.6705	0.9	4.4537	1.6	0.2802	1.4	0.84	1592.3	19.5	1722.4	13.6	1884.3	16.0	1884.3	16.0	84.5
167 Spot 131	336	30086	4.7	8.6676	0.8	5.3107	1.5	0.3340	1.3	0.85	1857.7	20.5	1870.6	12.7	1884.9	14.0	1884.9	14.0	98.6
167 Spot 112	390	129261	1.8	8.4825	0.6	5.8935	1.4	0.3627	1.2	0.88	1995.1	20.5	1960.3	11.7	1923.7	11.3	1923.7	11.3	103.7
_167 Spot 35	1590	459199	110.3	8.4218	0.8	5.3445	1.3	0.3266	1.1	0.81	1821.8	16.9	1876.0	11.3	1936.5	14.0	1936.5	14.0	94.1
167 Spot 205	193	37433	2.7	8.0480	0.8	5.8047	1.5	0.3390	1.3	0.85	1881.7	21.2	1947.1	13.2	2017.4	14.0	2017.4	14.0	93.3
_167 Spot 47	478	153372	9.8	7.4777	0.7	6.6201	1.4	0.3592	1.2	0.86	1978.3	21.0	2062.0	12.7	2146.8	12.9	2146.8	12.9	92.2
167 Spot 251	430	86814	3.4	6.9197	0.7	8.1616	1.6	0.4098	1.4	0.89	2213.9	26.3	2249.1	14.3	2281.3	12.5	2281.3	12.5	97.0
_167 Spot 19	636	2525140	8.1	6.8475	0.9	8.2480	1.7	0.4098	1.5	0.87	2214.0	28.4	2258.6	15.8	2299.3	14.7	2299.3	14.7	96.3
167 Spot 248	146	44533	2.5	6.8050	0.8	7.5565	1.6	0.3731	1.3	0.85	2044.0	23.2	2179.7	13.9	2310.0	13.9	2310.0	13.9	88.5
167 Spot 278	325	38079	2.7	6.6102	0.9	7.4058	1.9	0.3552	1.7	0.89	1959.4	28.2	2161.7	16.8	2359.7	14.7	2359.7	14.7	83.0
167 Spot 297	218	36648	1.8	6.4749	0.8	8.2364	1.5	0.3870	1.2	0.85	2108.7	22.3	2257.4	13.2	2394.9	12.9	2394.9	12.9	88.0
167 Spot 196	99	35084	0.8	6.2548	0.7	10.4832	1.3	0.4758	1.1	0.84	2508.8	23.0	2478.4	12.2	2453.6	12.2	2453.6	12.2	102.3
167 Spot 183	350	111608	1.7	6.1892	0.9	9.0857	1.5	0.4080	1.2	0.82	2205.9	23.3	2346.7	13.8	2471.4	14.4	2471.4	14.4	89.3
167 Spot 233	232	120178	2.1	6.1573	0.8	10.1950	1.6	0.4555	1.4	0.87	2419.6	28.6	2452.6	15.0	2480.1	13.3	2480.1	13.3	97.6
167 Spot 170	99	177468	2.0	6.0562	0.6	10.8575	1.2	0.4771	1.0	0.85	2514.7	21.0	2511.0	11.0	2508.0	10.3	2508.0	10.3	100.3
_167 Spot 64	116	21740	0.9	6.0438	0.7	10.9825	1.5	0.4816	1.3	0.88	2534.3	28.1	2521.7	14.1	2511.5	11.9	2511.5	11.9	100.9
167 Spot 113	296	152193	1.8	5.9445	0.8	11.4584	1.5	0.4942	1.3	0.84	2588.9	26.9	2561.2	14.1	2539.3	13.9	2539.3	13.9	102.0
167 Spot 214	100	32618	1.2	5.6241	0.6	12.0412	1.2	0.4914	1.0	0.85	2576.6	22.0	2607.6	11.4	2631.8	10.6	2631.8	10.6	97.9
167 Spot 286	126	22140	1.9	5.5882	0.8	11.9011	1.5	0.4826	1.3	0.83	2538.4	26.3	2596.7	14.2	2642.4	14.0	2642.4	14.0	96.1
167 Spot 134	280	78227	1.8	5.4028	0.7	11.2832	2.2	0.4423	2.0	0.94	2361.0	40.1	2546.8	20.2	2698.3	12.4	2698.3	12.4	87.5
167 Spot 222	300	39270	2.0	5.3661	0.7	13.4058	1.2	0.5220	1.0	0.81	2707.5	22.2	2708.7	11.7	2709.5	12.0	2709.5	12.0	99.9
_167 Spot 52	239	169110	2.0	5.2104	0.7	13.8508	1.4	0.5236	1.2	0.85	2714.6	26.0	2739.6	13.1	2758.0	11.9	2758.0	11.9	98.4
167 Spot 298	156	466569	2.5	5.1317	0.8	14.2768	1.4	0.5316	1.2	0.81	2748.2	26.2	2768.3	13.7	2783.0	13.8	2783.0	13.8	98.8
167 Spot 139	111	37045	6.2	4.9956	0.9	14.8016	1.7	0.5365	1.4	0.83	2768.8	31.0	2802.6	15.8	2826.9	15.2	2826.9	15.2	97.9
_167 Spot 97	170	47598	3.6	4.8694	0.6	15.2917	1.1	0.5403	1.0	0.86	2784.6	22.0	2833.6	10.8	2868.6	9.4	2868.6	9.4	97.1
_167 Spot 89	293	59450	1.8	4.0107	0.7	20.6525	1.5	0.6010	1.3	0.87	3033.9	31.4	3122.4	14.5	3179.8	11.8	3179.8	11.8	95.4
_167 Spot 26	144	2932	2.6	3.9618	1.5	19.9105	2.2	0.5723	1.6	0.71	2917.5	36.4	3087.0	21.2	3199.3	24.4	3199.3	24.4	91.2
167 Spot 184	248	155022	1.2	3.8402	0.7	21.1596	1.2	0.5896	1.0	0.82	2987.8	23.5	3145.9	11.6	3248.4	10.9	3248.4	10.9	92.0
Sample: 62618DA1_0																			
1_0 Spot 257	420	3974	2.0	21.3211	1.5	0.0794	2.0	0.0123	1.3	0.65	78.7	1.0	77.6	1.5	43.2	36.1	78.7	1.0	NA
1_0 Spot 186	1232	661328	1.1	20.3693	1.0	0.0894	1.5	0.0132	1.2	0.76	84.6	1.0	86.9	1.3	151.3	23.0	84.6	1.0	NA
1_0 Spot 236	1057	17418	3.0	21.0262	1.2	0.0902	1.7	0.0138	1.2	0.69	88.1	1.0	87.7	1.4	76.4	29.2	88.1	1.0	NA
1_0 Spot 239	719	28750	1.1	20.4927	1.2	0.0962	1.8	0.0143	1.4	0.76	91.6	1.2	93.3	1.6	137.1	27.5	91.6	1.2	NA
A1_0 Spot 83	596	33969	1.2	20.5402	1.1	0.0962	1.6	0.0143	1.1	0.69	91.8	1.0	93.3	1.4	131.7	26.8	91.8	1.0	NA
DA1_0 Spot 2	141	1522	1.5	25.5415	3.2	0.0789	3.5	0.0146	1.5	0.41	93.6	1.3	77.1	2.6	NA	NA	93.6	1.3	NA
1_0 Spot 138	223	87109	1.0	20.1091	1.5	0.1031	1.9	0.0150	1.3	0.65	96.3	1.2	99.7	1.8	181.3	34.4	96.3	1.2	NA
A1_0 Spot 66	193	4176	1.8	21.4669	2.0	0.0974	2.4	0.0152	1.2	0.52	97.1	1.2	94.4	2.2	26.9	49.1	97.1	1.2	NA
1_0 Spot 273	2258	6648	0.0	17.5073	3.7	0.1306	4.5	0.0166	2.6	0.58	106.1	2.8	124.7	5.3	495.2	81.3	106.1	2.8	NA
DA1_0 Spot 1	103	1301	1.0	25.5012	2.3	0.0900	2.5	0.0166	1.0	0.41	106.4	1.1	87.5	2.1	NA	NA	106.4	1.1	NA
1_0 Spot 280	125	4885	1.6	21.4372	3.9	0.1122	4.2	0.0175	1.4	0.34	111.6	1.6	108.0	4.3	30.2	94.2	111.6	1.6	NA
1_0 Spot 264	696	40426	1.4	20.4338	1.0	0.1191	1.5	0.0177	1.1	0.74	112.8	1.2	114.2	1.6	143.9	23.4	112.8	1.2	NA
1_0 Spot 298	439	12123	3.1	20.3620	1.5	0.1202	1.8	0.0178	0.9	0.50	113.5	1.0	115.3	1.9	152.1	36.1	113.5	1.0	NA
1_0 Spot 132	3190	64490	2.4	20.4543	0.8	0.1246	1.2	0.0185	0.9	0.75	118.1	1.1	119.3	1.4	141.5	19.2	118.1	1.1	NA
1_0 Spot 188	377	39854	1.3	19.6255	1.6	0.1304	2.0	0.0186	1.2	0.60	118.6	1.4	124.4	2.3	237.7	36.3	118.6	1.4	NA
A1_0 Spot 41	423	12674	1.1	20.1329	1.5	0.1273	2.0	0.0186	1.3	0.67	118.8	1.6	121.7	2.3	178.5	34.7	118.8	1.6	NA
1_0 Spot 243	218	26434	1.2	19.8851	1.7	0.1334	2.0	0.0192	1.1	0.56	122.9	1.4	127.2	2.4	207.4	38.8	122.9	1.4	NA
1_0 Spot 248	1291	53394	0.7	20.3071	1.1	0.1330	1.5	0.0196	0.9	0.65	125.1	1.2	126.8	1.7	158.4	25.8	125.1	1.2	NA
1_0 Spot 131	390	40695	1.3	19.9358	1.4	0.1364	1.9	0.0197	1.3	0.69	125.9	1.7	129.8	2.3	201.4	32.0	125.9	1.7	NA
1_0 Spot 119	260	5236	1.2	21.3241	1.6	0.1279	1.8	0.0198	0.9	0.47	126.3	1.1	122.2	2.1	42.8	38.5	126.3	1.1	NA
A1_0 Spot 84	255	2934	0.8	21.5956	2.7	0.1272	2.9	0.0199	1.0	0.36	127.3	1.3	121.6	3.3	12.5	64.7	127.3	1.3	NA
1_0 Spot 266	1124	82060	1.8	20.2987	1.1	0.1357	1.5	0.0200	1.1	0.72	127.5	1.4	129.2	1.8	159.4	24.9	127.5	1.4	NA
DA1_0 Spot 0	465	6852	1.4	21.5259	1.2	0.1285	1.6	0.0201	1.0	0.63	128.1	1.3	122.7	1.8	20.3	29.5	128.1	1.3	NA
1_0 Spot 201	192	6851	0.9	21.2031	2.5	0.1309	2.7	0.0201	1.1	0.40	128.6	1.4	124.9	3.2	56.5	60.0	128.6	1.4	NA
A1_0 Spot 13	452	8056	0.9	20.4446	1.2	0.1362	1.5	0.0202	0.9	0.61	129.0	1.2	129.7	1.9	142.6	28.6	129.0	1.2	NA
1_0 Spot 256	390	14028	1.4	20.7852	1.4	0.1353	1.8	0.0204	1.1	0.62	130.2	1.4	128.9	2.2	103.7	33.1	130.2	1.4	NA
1_0 Spot 107	618	18612	1.4	20.2129	1.2	0.1416	1.8	0.0208	1.3	0.73	132.5	1.7	134.5	2.2	169.3	27.9	132.5	1.7	NA
A1_0 Spot 98	142	2380	1.5	11.4895	1.8	0.2553	2.1	0.0213	1.1	0.53	135.8	1.5	230.9	4.3	1360.4	34.1	135.8	1.5	NA

_0 Spot 216	332	5427	1.2	20.5480	1.6	0.1473	2.2	0.0220	1.5	0.69	140.0	2.1	139.5	2.9	130.8	37.2	140.0	2.1	NA
_0 Spot 181	2491	19981	0.6	19.9654	0.7	0.1521	1.2	0.0220	1.0	0.79	140.5	1.3	143.8	1.6	198.0	17.1	140.5	1.3	NA
_0 Spot 242 | 400 | 144735 | 0.9 | 20.1414 | 1.1 | 0.1553 | 1.7 | 0.0227 | 1.3 | 0.76 | 144.7 | 1.9 | 146.6 | 2.4 | 177.6 | 26.4 | 144.7 | 1.9 | NA |
A1_0 Spot 25 | 766 | 82191 | 3.7 | 20.2409 | 0.8 | 0.1554 | 1.5 | 0.0228 | 1.2 | 0.83 | 145.5 | 1.8 | 146.7 | 2.0 | 166.1 | 19.2 | 145.5 | 1.8 | NA |
_0 Spot 271 | 586 | 23972 | 0.8 | 19.5641 | 1.2 | 0.1641 | 1.6 | 0.0233 | 1.1 | 0.68 | 148.5 | 1.6 | 154.3 | 2.2 | 245.0 | 26.6 | 148.5 | 1.6 | NA |
A1_0 Spot 63 | 1448 | 29574 | 1.6 | 20.1741 | 0.7 | 0.1594 | 1.4 | 0.0233 | 1.2 | 0.86 | 148.7 | 1.8 | 150.2 | 2.0 | 173.8 | 17.5 | 148.7 | 1.8 | NA |
_0 Spot 269 | 535 | 16248 | 1.5 | 20.4595 | 1.1 | 0.1669 | 1.6 | 0.0248 | 1.2 | 0.75 | 157.8 | 1.9 | 156.7 | 2.4 | 140.9 | 25.7 | 157.8 | 1.9 | NA |
_0 Spot 214 | 328 | 11330 | 1.2 | 19.2290 | 2.3 | 0.1792 | 2.6 | 0.0250 | 1.1 | 0.42 | 159.2 | 1.7 | 167.4 | 4.0 | 284.6 | 53.2 | 159.2 | 1.7 | NA |
A1_0 Spot 12 | 2421 | 139492 | 2.4 | 20.1851 | 0.6 | 0.1814 | 1.1 | 0.0266 | 0.9 | 0.82 | 169.0 | 1.5 | 169.3 | 1.8 | 172.5 | 15.0 | 169.0 | 1.5 | NA |
A1_0 Spot 61 | 7109 | 13464 | 2.6 | 18.2160 | 1.9 | 0.2033 | 2.1 | 0.0269 | 1.0 | 0.47 | 170.9 | 1.7 | 187.9 | 3.6 | 407.0 | 41.8 | 170.9 | 1.7 | NA |
A1_0 Spot 32 | 573 | 12653 | 0.6 | 19.6466 | 1.0 | 0.1955 | 1.5 | 0.0279 | 1.1 | 0.74 | 177.2 | 1.9 | 181.3 | 2.4 | 235.3 | 22.8 | 177.2 | 1.9 | NA |
A1_0 Spot 21 | 272 | 4657 | 1.7 | 21.0620 | 2.1 | 0.1896 | 2.5 | 0.0290 | 1.3 | 0.52 | 184.1 | 2.4 | 176.3 | 4.0 | 72.3 | 50.4 | 184.1 | 2.4 | NA |
_0 Spot 198 | 3377 | 54440 | 8.5 | 19.7521 | 0.6 | 0.2095 | 1.3 | 0.0300 | 1.1 | 0.87 | 190.7 | 2.1 | 193.1 | 2.2 | 222.9 | 14.5 | 190.7 | 2.1 | NA |
_0 Spot 174 | 1375 | 234126 | 0.9 | 19.5512 | 0.9 | 0.2169 | 1.3 | 0.0308 | 1.0 | 0.76 | 195.4 | 2.0 | 199.4 | 2.4 | 246.5 | 20.1 | 195.4 | 2.0 | NA |
A1_0 Spot 30 | 333 | 18158 | 1.2 | 19.5268 | 1.2 | 0.2172 | 1.6 | 0.0308 | 1.0 | 0.62 | 195.4 | 1.9 | 199.6 | 2.8 | 249.4 | 28.4 | 195.4 | 1.9 | NA |
_0 Spot 238 | 729 | 115920 | 0.4 | 19.7463 | 0.9 | 0.2227 | 1.7 | 0.0319 | 1.4 | 0.83 | 202.4 | 2.7 | 204.1 | 3.1 | 223.6 | 21.2 | 202.4 | 2.7 | NA |
A1_0 Spot 86 | 1458 | 54740 | 1.1 | 19.8259 | 0.9 | 0.2220 | 1.5 | 0.0319 | 1.2 | 0.80 | 202.7 | 2.4 | 203.6 | 2.7 | 214.3 | 20.4 | 202.7 | 2.4 | NA |
_0 Spot 136 | 263 | 7854 | 1.8 | 20.2329 | 1.2 | 0.2201 | 1.6 | 0.0323 | 1.0 | 0.62 | 205.0 | 2.0 | 202.0 | 2.9 | 167.0 | 28.6 | 205.0 | 2.0 | NA |
A1_0 Spot 99 | 1507 | 3750404 | 4.8 | 19.6299 | 0.5 | 0.2268 | 1.1 | 0.0323 | 0.9 | 0.86 | 205.0 | 1.9 | 207.6 | 2.0 | 237.2 | 12.5 | 205.0 | 1.9 | NA |
_0 Spot 162 | 496 | 15378 | 1.9 | 19.7517 | 1.1 | 0.2268 | 1.5 | 0.0325 | 1.0 | 0.68 | 206.2 | 2.1 | 207.6 | 2.8 | 223.0 | 25.5 | 206.2 | 2.1 | NA |
_0 Spot 212 | 177 | 6163 | 1.4 | 16.3409 | 1.7 | 0.2753 | 2.0 | 0.0326 | 1.1 | 0.55 | 207.1 | 2.3 | 246.9 | 4.5 | 645.2 | 36.8 | 207.1 | 2.3 | NA |
_0 Spot 291 | 1410 | 297370 | 3.5 | 19.7376 | 0.9 | 0.2308 | 1.4 | 0.0331 | 1.1 | 0.79 | 209.6 | 2.3 | 210.9 | 2.7 | 224.6 | 20.1 | 209.6 | 2.3 | NA |
_0 Spot 261 | 1056 | 42634 | 2.1 | 17.3197 | 2.1 | 0.2645 | 2.4 | 0.0332 | 1.2 | 0.50 | 210.8 | 2.4 | 238.3 | 5.1 | 518.8 | 45.4 | 210.8 | 2.4 | NA |
_0 Spot 117 | 1029 | 46382 | 3.8 | 19.6801 | 0.9 | 0.2354 | 1.5 | 0.0336 | 1.2 | 0.81 | 213.2 | 2.5 | 214.7 | 2.9 | 231.3 | 20.3 | 213.2 | 2.5 | NA |
_0 Spot 145 | 194 | 5736 | 2.4 | 20.4043 | 1.7 | 0.2291 | 2.0 | 0.0339 | 1.1 | 0.54 | 215.0 | 2.3 | 209.4 | 3.7 | 147.2 | 39.1 | 215.0 | 2.3 | NA |
A1_0 Spot 85 | 584 | 36894 | 1.3 | 19.3815 | 0.7 | 0.2641 | 1.3 | 0.0371 | 1.1 | 0.84 | 235.1 | 2.6 | 237.9 | 2.9 | 266.5 | 16.8 | 235.1 | 2.6 | NA |
A1_0 Spot 51 | 481 | 42806 | 0.9 | 19.0616 | 1.0 | 0.2839 | 1.5 | 0.0393 | 1.2 | 0.78 | 248.3 | 2.9 | 253.8 | 3.5 | 304.6 | 22.1 | 248.3 | 2.9 | NA |
_0 Spot 106 | 332 | 26736 | 20.3 | 18.0259 | 1.5 | 0.3013 | 1.9 | 0.0394 | 1.3 | 0.66 | 249.2 | 3.1 | 267.4 | 4.6 | 430.5 | 32.7 | 249.2 | 3.1 | NA |
A1_0 Spot 72 | 637 | 82996 | 2.2 | 19.3810 | 0.8 | 0.2845 | 1.4 | 0.0400 | 1.1 | 0.82 | 252.9 | 2.8 | 254.2 | 3.1 | 266.6 | 17.9 | 252.9 | 2.8 | NA |
_0 Spot 137 | 393 | 30271 | 2.2 | 19.0133 | 1.1 | 0.3285 | 1.5 | 0.0453 | 1.0 | 0.67 | 285.7 | 2.8 | 288.4 | 3.8 | 310.3 | 25.5 | 285.7 | 2.8 | NA |
_0 Spot 114 | 3746 | 1334 | 1.0 | 10.4852 | 7.7 | 0.6164 | 8.0 | 0.0469 | 1.9 | 0.24 | 295.4 | 5.5 | 487.6 | 30.8 | 1534.6 | 145.6 | 295.4 | 5.5 | NA |
_0 Spot 227 | 385 | 20487 | 1.5 | 18.0551 | 0.9 | 0.4225 | 1.4 | 0.0554 | 1.1 | 0.79 | 347.3 | 3.7 | 357.9 | 4.2 | 426.8 | 19.1 | 347.3 | 3.7 | NA |
_0 Spot 140 | 568 | 118522 | 1.5 | 18.6231 | 0.7 | 0.4354 | 1.4 | 0.0588 | 1.3 | 0.87 | 368.5 | 4.5 | 367.0 | 4.4 | 357.3 | 15.8 | 368.5 | 4.5 | NA |
_0 Spot 167 | 217 | 23447 | 1.4 | 17.6569 | 1.1 | 0.5121 | 1.5 | 0.0656 | 1.0 | 0.67 | 409.7 | 4.1 | 419.9 | 5.3 | 476.4 | 25.2 | 409.7 | 4.1 | 86.0 |
_0 Spot 244 | 383 | 39408 | 1.2 | 17.9149 | 0.9 | 0.5480 | 1.6 | 0.0712 | 1.3 | 0.80 | 443.6 | 5.4 | 443.7 | 5.6 | 444.2 | 20.8 | 443.6 | 5.4 | 99.9 |
A1_0 Spot 20 | 766 | 37249 | 1.5 | 15.4703 | 0.9 | 0.6520 | 2.5 | 0.0732 | 2.3 | 0.93 | 455.4 | 10.0 | 509.7 | 9.9 | 761.7 | 19.8 | 455.4 | 10.0 | 59.8 |
_0 Spot 290 | 346 | 188611 | 5.5 | 17.6314 | 0.8 | 0.5765 | 1.3 | 0.0737 | 1.0 | 0.77 | 458.7 | 4.4 | 462.2 | 4.8 | 479.6 | 18.4 | 458.7 | 4.4 | 95.6 |
_0 Spot 154 | 581 | 737154 | 1.4 | 17.1217 | 0.7 | 0.6096 | 1.4 | 0.0757 | 1.2 | 0.87 | 470.6 | 5.7 | 483.3 | 5.5 | 544.1 | 15.2 | 470.6 | 5.7 | 86.5 |
_0 Spot 232 | 679 | 42336 | 1.3 | 17.2509 | 0.8 | 0.6142 | 1.6 | 0.0769 | 1.4 | 0.88 | 477.4 | 6.4 | 486.2 | 6.1 | 527.6 | 16.8 | 477.4 | 6.4 | 90.5 |
_0 Spot 211 | 350 | 27163 | 2.0 | 17.5786 | 0.7 | 0.6181 | 1.3 | 0.0788 | 1.0 | 0.82 | 489.2 | 4.8 | 488.7 | 4.9 | 486.2 | 16.0 | 489.2 | 4.8 | 100.6 |
_0 Spot 235 | 824 | 50704 | 5.0 | 17.2362 | 0.8 | 0.6464 | 1.2 | 0.0808 | 0.9 | 0.75 | 501.2 | 4.5 | 506.3 | 4.9 | 529.5 | 18.0 | 501.2 | 4.5 | 94.6 |
_0 Spot 189 | 624 | 52330 | 1.4 | 17.4207 | 0.7 | 0.6401 | 1.4 | 0.0809 | 1.2 | 0.87 | 501.6 | 5.8 | 502.4 | 5.4 | 506.1 | 15.0 | 501.6 | 5.8 | 99.1 |
A1_0 Spot 33 | 179 | 31455 | 1.0 | 16.2194 | 1.3 | 0.6934 | 2.6 | 0.0816 | 2.3 | 0.87 | 505.7 | 11.0 | 534.8 | 10.8 | 661.2 | 27.4 | 505.7 | 11.0 | 76.5 |
_0 Spot 130 | 424 | 18340 | 3.5 | 17.6913 | 0.7 | 0.6360 | 1.3 | 0.0816 | 1.1 | 0.84 | 505.9 | 5.2 | 499.8 | 5.1 | 472.1 | 15.5 | 505.9 | 5.2 | 107.2 |
_0 Spot 125 | 457 | 28440 | 0.4 | 17.2811 | 0.9 | 0.6581 | 1.7 | 0.0825 | 1.4 | 0.84 | 511.2 | 7.0 | 513.5 | 6.8 | 523.7 | 20.0 | 511.2 | 7.0 | 97.6 |
A1_0 Spot 36 | 953 | 397075 | 1.8 | 17.4465 | 0.7 | 0.6532 | 1.2 | 0.0827 | 1.0 | 0.82 | 512.1 | 5.0 | 510.4 | 5.0 | 502.8 | 15.8 | 512.1 | 5.0 | 101.8 |
_0 Spot 151 | 130 | 15929 | 0.7 | 17.6059 | 1.0 | 0.6500 | 2.3 | 0.0830 | 2.1 | 0.90 | 514.2 | 10.2 | 508.5 | 9.1 | 482.8 | 21.6 | 514.2 | 10.2 | 106.5 |
_0 Spot 258 | 394 | 140810 | 1.6 | 17.0244 | 0.8 | 0.6725 | 1.3 | 0.0831 | 1.1 | 0.79 | 514.4 | 5.2 | 522.2 | 5.5 | 556.5 | 18.2 | 514.4 | 5.2 | 92.4 |
A1_0 Spot 80 | 282 | 13839 | 0.5 | 17.3706 | 0.8 | 0.6701 | 1.3 | 0.0845 | 1.0 | 0.76 | 522.7 | 4.9 | 520.8 | 5.2 | 512.4 | 18.4 | 522.7 | 4.9 | 102.0 |
_0 Spot 199 | 152 | 9169 | 0.4 | 17.3614 | 1.0 | 0.6769 | 1.6 | 0.0853 | 1.2 | 0.77 | 527.5 | 6.1 | 524.9 | 6.4 | 513.6 | 22.1 | 527.5 | 6.1 | 102.7 |
_0 Spot 171 | 50 | 8569 | 0.7 | 17.1163 | 1.7 | 0.6910 | 2.0 | 0.0858 | 1.1 | 0.54 | 530.7 | 5.6 | 533.4 | 8.5 | 544.7 | 37.7 | 530.7 | 5.6 | 97.4 |
_0 Spot 272 | 392 | 127098 | 1.4 | 17.2814 | 0.8 | 0.6850 | 1.3 | 0.0859 | 1.0 | 0.76 | 531.2 | 5.0 | 529.8 | 5.4 | 523.7 | 18.6 | 531.2 | 5.0 | 101.4 |
_0 Spot 169 | 358 | 27410 | 2.2 | 17.3610 | 1.0 | 0.6840 | 1.6 | 0.0862 | 1.2 | 0.78 | 532.8 | 6.2 | 529.2 | 6.4 | 513.7 | 21.4 | 532.8 | 6.2 | 103.7 |
_0 Spot 190 | 600 | 194634 | 2.5 | 16.8877 | 0.7 | 0.7077 | 1.6 | 0.0867 | 1.4 | 0.89 | 536.1 | 7.3 | 543.4 | 6.7 | 574.0 | 15.7 | 536.1 | 7.3 | 93.4 |
_0 Spot 249 | 345 | 33586 | 2.5 | 17.0049 | 0.8 | 0.7301 | 1.7 | 0.0901 | 1.5 | 0.89 | 556.0 | 7.9 | 556.6 | 7.2 | 559.0 | 16.6 | 556.0 | 7.9 | 99.5 |
DA1_0 Spot 3 | 848 | 775346 | 115.6 | 17.0696 | 0.8 | 0.7293 | 1.4 | 0.0903 | 1.1 | 0.82 | 557.4 | 6.1 | 556.1 | 5.9 | 550.7 | 17.1 | 557.4 | 6.1 | 101.2 |
DA1_0 Spot 8 | 256 | 63751 | 2.0 | 16.8805 | 0.9 | 0.7394 | 1.3 | 0.0906 | 1.0 | 0.75 | 558.9 | 5.2 | 562.1 | 5.6 | 575.0 | 18.7 | 558.9 | 5.2 | 97.2 |
_0 Spot 196 | 1586 | 576347 | 7.6 | 16.7778 | 0.9 | 0.7469 | 1.4 | 0.0909 | 1.1 | 0.78 | 561.0 | 5.7 | 566.4 | 5.9 | 588.2 | 18.5 | 561.0 | 5.7 | 95.4 |
_0 Spot 115 | 884 | 125173 | 9.1 | 17.1593 | 0.7 | 0.7328 | 1.5 | 0.0912 | 1.3 | 0.89 | 562.9 | 7.0 | 558.2 | 6.3 | 539.3 | 14.7 | 562.9 | 7.0 | 104.4 |
A1_0 Spot 26 | 52 | 3788 | 1.7 | 18.0651 | 2.1 | 0.6968 | 2.4 | 0.0913 | 1.1 | 0.47 | 563.4 | 6.1 | 536.9 | 10.1 | 425.6 | 47.8 | 563.4 | 6.1 | 132.4 |
A1_0 Spot 50 | 101 | 13975 | 1.2 | 16.7350 | 1.5 | 0.7541 | 1.8 | 0.0916 | 1.0 | 0.54 | 564.8 | 5.3 | 570.6 | 7.9 | 593.8 | 32.8 | 564.8 | 5.3 | 95.1 |
A1_0 Spot 62 | 251 | 828798 | 1.2 | 16.7852 | 0.8 | 0.7573 | 1.6 | 0.0922 | 1.3 | 0.84 | 568.8 | 7.1 | 572.5 | 6.8 | 587.3 | 18.0 | 568.8 | 7.1 | 96.8 |
A1_0 Spot 92 | 249 | 44945 | 2.0 | 16.7879 | 0.9 | 0.7596 | 1.5 | 0.0925 | 1.2 | 0.80 | 570.5 | 6.4 | 573.8 | 6.5 | 587.0 | 19.3 | 570.5 | 6.4 | 97.2 |
_0 Spot 111 | 194 | 25332 | 1.8 | 16.7588 | 1.0 | 0.7611 | 1.4 | 0.0925 | 1.0 | 0.72 | 570.6 | 5.6 | 574.6 | 6.3 | 590.7 | 21.6 | 570.6 | 5.6 | 96.6 |
_0 Spot 253 | 199 | 10194 | 2.7 | 17.2066 | 0.7 | 0.7416 | 1.3 | 0.0926 | 1.1 | 0.82 | 570.8 | 5.9 | 563.3 | 5.7 | 533.3 | 16.4 | 570.8 | 5.9 | 107.0 |
_0 Spot 158 | 289 | 18376 | 1.5 | 16.9747 | 0.9 | 0.7529 | 1.3 | 0.0927 | 1.0 | 0.73 | 571.7 | 5.3 | 569.9 | 5.8 | 562.8 | 20.0 | 571.7 | 5.3 | 101.6 |
_0 Spot 281 | 238 | 47457 | 2.2 | 16.9033 | 0.7 | 0.7576 | 1.4 | 0.0929 | 1.2 | 0.88 | 572.8 | 6.6 | 572.6 | 6.0 | 572.0 | 14.2 | 572.8 | 6.6 | 100.1 |
_0 Spot 124 | 981 | 55779 | 0.9 | 16.6940 | 0.9 | 0.7680 | 1.2 | 0.0930 | 0.8 | 0.68 | 573.4 | 4.4 | 578.6 | 5.2 | 599.1 | 18.4 | 573.4 | 4.4 | 95.7 |
_0 Spot 237 | 546 | 106066 | 1.9 | 16.8133 | 0.8 | 0.7671 | 1.3 | 0.0936 | 1.1 | 0.82 | 576.7 | 6.0 | 578.1 | 5.8 | 583.6 | 16.3 | 576.7 | 6.0 | 98.8 |
A1_0 Spot 96 | 55 | 18593 | 5.6 | 16.9489 | 1.5 | 0.7628 | 2.0 | 0.0938 | 1.2 | 0.63 | 578.0 | 6.8 | 575.6 | 8.6 | 566.2 | 32.9 | 578.0 | 6.8 | 102.1 |
_0 Spot 191 | 319 | 46942 | 4.6 | 16.5381 | 1.0 | 0.7881 | 1.6 | 0.0946 | 1.2 | 0.78 | 582.5 | 6.8 | 590.1 | 7.0 | 619.3 | 21.0 | 582.5 | 6.8 | 94.0 |
_0 Spot 204 | 147 | 72363 | 0.3 | 16.6646 | 1.2 | 0.7871 | 1.6 | 0.0952 | 1.0 | 0.65 | 586.0 | 5.7 | 589.5 | 7.0 | 602.9 | 25.9 | 586.0 | 5.7 | 97.2 |
A1_0 Spot 47 | 476 | 50844 | 2.4 | 17.1194 | 0.8 | 0.7718 | 1.6 | 0.0959 | 1.4 | 0.86 | 590.1 | 7.9 | 580.8 | 7.2 | 544.3 | 18.1 | 590.1 | 7.9 | 108.4 |
_0 Spot 102 | 215 | 17137 | 1.6 | 16.5787 | 0.8 | 0.7996 | 1.5 | 0.0962 | 1.2 | 0.83 | 592.0 | 6.9 | 596.6 | 6.7 | 614.1 | 17.9 | 592.0 | 6.9 | 96.4 |
_0 Spot 288 | 21 | 3213 | 16.1 | 16.2694 | 2.2 | 0.8181 | 2.5 | 0.0966 | 1.2 | 0.49 | 594.3 | 7.0 | 607.0 | 11.6 | 654.6 | 47.6 | 594.3 | 7.0 | 90.8 |
_0 Spot 262 | 336 | 72522 | 1.4 | 16.7956 | 0.7 | 0.7967 | 1.6 | 0.0971 | 1.4 | 0.90 | 597.3 | 8.2 | 594.9 | 7.2 | 585.9 | 15.2 | 597.3 | 8.2 | 101.9 |
A1_0 Spot 27 | 124 | 38582 | 0.6 | 16.4966 | 1.2 | 0.8139 | 1.6 | 0.0974 | 1.1 | 0.67 | 599.3 | 6.2 | 604.7 | 7.3 | 624.8 | 25.7 | 599.3 | 6.2 | 95.9 |
_0 Spot 255 | 1206 | 16229 | 1.4 | 12.6725 | 1.1 | 1.0613 | 3.1 | 0.0976 | 2.9 | 0.94 | 600.2 | 16.7 | 734.5 | 16.3 | 1169.1 | 21.8 | 600.2 | 16.7 | 51.3 |
_0 Spot 133 | 35 | 10490 | 0.4 | 16.9088 | 1.7 | 0.7955 | 2.1 | 0.0976 | 1.2 | 0.58 | 600.3 | 6.9 | 594.3 | 9.4 | 571.4 | 36.9 | 600.3 | 6.9 | 105.1 |
_0 Spot 193 | 649 | 41208 | 8.1 | 16.8381 | 0.8 | 0.8002 | 1.6 | 0.0978 | 1.4 | 0.87 | 601.3 | 8.0 | 597.0 | 7.2 | 580.4 | 16.9 | 601.3 | 8.0 | 103.6 |
_0 Spot 224 | 79 | 40118 | 0.5 | 16.2055 | 1.1 | 0.8336 | 1.8 | 0.0980 | 1.5 | 0.79 | 602.8 | 8.4 | 615.6 | 8.5 | 663.1 | 24.5 | 602.8 | 8.4 | 90.9 |
A1_0 Spot 46 | 1485 | 201704 | 4.8 | 16.8293 | 0.6 | 0.8027 | 1.2 | 0.0980 | 1.1 | 0.86 | 602.8 | 6.1 | 598.4 | 5.6 | 581.6 | 13.9 | 602.8 | 6.1 | 103.6 |
_0 Spot 296 | 342 | 42648 | 2.7 | 16.3517 | 0.9 | 0.8287 | 1.6 | 0.0983 | 1.3 | 0.81 | 604.6 | 7.4 | 612.9 | 7.3 | 643.8 | 20.1 | 604.6 | 7.4 | 93.9 |
A1_0 Spot 94 | 518 | 37722 | 23.4 | 16.6446 | 0.8 | 0.8345 | 1.6 | 0.1008 | 1.4 | 0.86 | 619.0 | 8.1 | 616.1 | 7.4 | 605.5 | 17.4 | 619.0 | 8.1 | 102.2 |
_0 Spot 230 | 146 | 31842 | 3.0 | 16.5087 | 0.7 | 0.8465 | 1.3 | 0.1014 | 1.1 | 0.84 | 622.6 | 6.4 | 622.7 | 6.0 | 623.2 | 15.2 | 622.6 | 6.4 | 99.9 |
A1_0 Spot 14 | 231 | 90888 | 1.7 | 16.6672 | 0.8 | 0.8436 | 1.3 | 0.1020 | 1.0 | 0.76 | 626.2 | 5.9 | 621.1 | 6.0 | 602.5 | 18.3 | 626.2 | 5.9 | 103.9 |
_0 Spot 166 | 1512 | 126000 | 6.4 | 16.0377 | 0.6 | 0.9160 | 1.2 | 0.1066 | 1.0 | 0.85 | 652.9 | 6.1 | 660.2 | 5.6 | 685.3 | 13.1 | 652.9 | 6.1 | 95.3 |
DA1_0 Spot 9 | 50 | 6165 | 0.8 | 16.1200 | 1.5 | 0.9146 | 2.1 | 0.1070 | 1.5 | 0.71 | 655.1 | 9.1 | 659.5 | 10.0 | 674.4 | 31.1 | 655.1 | 9.1 | 97.1 |
_0 Spot 110 | 1380 | 514635 | 53.2 | 16.2466 | 0.8 | 0.9186 | 1.1 | 0.1083 | 0.8 | 0.73 | 662.8 | 5.3 | 661.6 | 5.6 | 657.6 | 16.7 | 662.8 | 5.3 | 100.8 |
A1_0 Spot 44 | 217 | 42701 | 0.7 | 15.7225 | 0.9 | 0.9547 | 1.3 | 0.1089 | 1.0 | 0.73 | 666.4 | 6.2 | 680.5 | 6.7 | 727.6 | 19.5 | 666.4 | 6.2 | 91.6 |
_0 Spot 282 | 1196 | 81994 | 5.7 | 14.7805 | 0.7 | 1.0363 | 1.3 | 0.1111 | 1.1 | 0.84 | 679.4 | 7.1 | 722.1 | 6.8 | 857.1 | 14.9 | 679.4 | 7.1 | 79.3 |
A1_0 Spot 78 | 712 | 440444 | 9.9 | 15.0249 | 0.6 | 1.0279 | 1.2 | 0.1121 | 1.1 | 0.89 | 684.7 | 7.1 | 717.9 | 6.3 | 823.0 | 11.9 | 684.7 | 7.1 | 83.2 |
_0 Spot 182 | 731 | 128167 | 3.4 | 15.6779 | 1.0 | 1.0028 | 1.5 | 0.1141 | 1.1 | 0.75 | 696.3 | 7.6 | 705.2 | 7.8 | 733.6 | 21.7 | 696.3 | 7.6 | 94.9 |
_0 Spot 177 | 236 | 36683 | 1.6 | 15.9405 | 0.8 | 0.9956 | 1.4 | 0.1151 | 1.1 | 0.80 | 702.6 | 7.6 | 701.6 | 7.1 | 698.3 | 17.8 | 702.6 | 7.6 | 100.6 |
_0 Spot 260 | 603 | 73585 | 1.7 | 16.0458 | 0.7 | 0.9987 | 1.4 | 0.1163 | 1.1 | 0.84 | 709.1 | 7.7 | 703.1 | 6.9 | 684.3 | 15.8 | 709.1 | 7.7 | 103.6 |
_0 Spot 135 | 1419 | 664096 | 13.6 | 14.9152 | 0.6 | 1.1505 | 1.1 | 0.1245 | 0.9 | 0.83 | 756.4 | 6.6 | 777.5 | 6.1 | 838.3 | 13.1 | 756.4 | 6.6 | 90.2 |
A1_0 Spot 55 | 172 | 24686 | 1.7 | 14.9157 | 1.3 | 1.1722 | 3.2 | 0.1269 | 2.9 | 0.92 | 769.9 | 21.3 | 787.7 | 17.5 | 838.2 | 26.2 | 769.9 | 21.3 | 91.9 |
_0 Spot 207 | 227 | 114849 | 4.6 | 14.0820 | 0.8 | 1.2600 | 1.5 | 0.1287 | 1.2 | 0.83 | 780.7 | 8.9 | 827.9 | 8.2 | 956.9 | 16.3 | 780.7 | 8.9 | 81.6 |
_0 Spot 149 | 1247 | 75273 | 8.7 | 14.8795 | 0.6 | 1.2307 | 1.4 | 0.1329 | 1.3 | 0.91 | 804.2 | 9.8 | 814.7 | 8.0 | 843.3 | 12.4 | 804.2 | 9.8 | 95.4 |
A1_0 Spot 76 | 842 | 2441096 | 16.8 | 14.4031 | 0.8 | 1.3615 | 1.6 | 0.1423 | 1.4 | 0.88 | 857.6 | 11.2 | 872.5 | 9.3 | 910.6 | 15.7 | 857.6 | 11.2 | 94.2 |
A1_0 Spot 38 | 161 | 61115 | 3.1 | 14.5594 | 0.9 | 1.4390 | 1.4 | 0.1520 | 1.0 | 0.73 | 912.3 | 8.5 | 905.3 | 8.2 | 888.4 | 19.3 | 888.4 | 19.3 | 102.7 |
A1_0 Spot 53 | 622 | 101253 | 7.9 | 14.4546 | 0.8 | 1.4395 | 1.5 | 0.1510 | 1.2 | 0.82 | 906.4 | 10.2 | 905.5 | 8.8 | 903.3 | 17.4 | 903.3 | 17.4 | 100.3 |
A1_0 Spot 91 | 627 | 372908 | 3.8 | 14.4094 | 0.8 | 1.4886 | 1.5 | 0.1556 | 1.3 | 0.85 | 932.5 | 11.1 | 925.8 | 9.2 | 909.7 | 16.6 | 909.7 | 16.6 | 102.5 |
_0 Spot 259 | 442 | 45365 | 2.8 | 14.3714 | 0.7 | 1.4210 | 1.4 | 0.1482 | 1.2 | 0.87 | 890.7 | 9.7 | 897.8 | 8.1 | 915.2 | 13.9 | 915.2 | 13.9 | 97.3 |
A1_0 Spot 77 | 259 | 43174 | 1.3 | 14.3329 | 0.9 | 1.4641 | 1.6 | 0.1523 | 1.4 | 0.83 | 913.6 | 11.6 | 915.7 | 9.8 | 920.7 | 18.6 | 920.7 | 18.6 | 99.2 |
_0 Spot 293 | 778 | 572478 | 18.5 | 14.2360 | 0.7 | 1.5022 | 1.4 | 0.1552 | 1.2 | 0.86 | 929.8 | 10.2 | 931.3 | 8.3 | 934.6 | 14.0 | 934.6 | 14.0 | 99.5 |
A1_0 Spot 89 | 541 | 50795 | 9.6 | 14.2157 | 0.8 | 1.4435 | 1.6 | 0.1489 | 1.4 | 0.88 | 894.8 | 11.4 | 907.2 | 9.3 | 937.5 | 15.4 | 937.5 | 15.4 | 95.4 |
_0 Spot 172 | 205 | 141424 | 1.7 | 14.1533 | 0.7 | 1.4184 | 1.3 | 0.1457 | 1.1 | 0.85 | 876.6 | 9.0 | 896.7 | 7.7 | 946.6 | 14.0 | 946.6 | 14.0 | 92.6 |
_0 Spot 217 | 1593 | 387276 | 1.8 | 14.1460 | 0.7 | 1.4326 | 1.2 | 0.1470 | 1.0 | 0.82 | 884.4 | 8.4 | 902.6 | 7.4 | 947.6 | 14.4 | 947.6 | 14.4 | 93.3 |
_0 Spot 209 | 147 | 24316 | 1.3 | 14.0267 | 0.9 | 1.5086 | 1.4 | 0.1535 | 1.1 | 0.77 | 920.8 | 9.1 | 933.9 | 8.4 | 964.9 | 18.0 | 964.9 | 18.0 | 95.4 |
A1_0 Spot 43 | 395 | 126077 | 1.0 | 13.9662 | 0.7 | 1.5571 | 1.1 | 0.1578 | 0.9 | 0.78 | 944.5 | 7.7 | 953.3 | 6.9 | 973.7 | 14.2 | 973.7 | 14.2 | 97.0 |
_0 Spot 208 | 290 | 93823 | 1.4 | 13.9525 | 0.7 | 1.6175 | 1.2 | 0.1637 | 1.0 | 0.80 | 977.6 | 8.8 | 977.0 | 7.7 | 975.7 | 15.1 | 975.7 | 15.1 | 100.2 |
_0 Spot 228 | 141 | 105621 | 1.6 | 13.9222 | 1.0 | 1.5637 | 1.6 | 0.1580 | 1.2 | 0.77 | 945.4 | 10.9 | 955.9 | 10.0 | 980.2 | 21.0 | 980.2 | 21.0 | 96.5 |
_0 Spot 276 | 646 | 9433264 | 1.6 | 13.9202 | 0.8 | 1.5862 | 1.3 | 0.1602 | 1.0 | 0.80 | 957.9 | 9.2 | 964.8 | 8.0 | 980.5 | 15.7 | 980.5 | 15.7 | 97.7 |
A1_0 Spot 49 | 365 | 103618 | 2.3 | 13.9100 | 0.6 | 1.6577 | 1.1 | 0.1673 | 0.9 | 0.84 | 997.3 | 8.6 | 992.5 | 7.0 | 982.0 | 12.2 | 982.0 | 12.2 | 101.6 |
A1_0 Spot 35 | 675 | 170180 | 31.7 | 13.7513 | 0.8 | 1.6147 | 1.3 | 0.1611 | 1.0 | 0.80 | 962.9 | 9.2 | 975.9 | 8.1 | 1005.3 | 15.6 | 1005.3 | 15.6 | 95.8 |
_0 Spot 112 | 421 | 103375 | 3.2 | 13.5643 | 0.7 | 1.6741 | 1.3 | 0.1648 | 1.1 | 0.83 | 983.2 | 9.6 | 998.7 | 8.1 | 1033.0 | 14.1 | 1033.0 | 14.1 | 95.2 |
_0 Spot 170 | 496 | 61996 | 3.6 | 13.5446 | 0.6 | 1.8631 | 1.2 | 0.1831 | 1.0 | 0.86 | 1083.9 | 10.4 | 1068.1 | 8.0 | 1035.9 | 12.4 | 1035.9 | 12.4 | 104.6 |
_0 Spot 203 | 338 | 95919 | 1.8 | 13.3722 | 0.6 | 1.9116 | 1.2 | 0.1855 | 1.0 | 0.84 | 1096.8 | 9.9 | 1085.2 | 7.9 | 1061.8 | 12.9 | 1061.8 | 12.9 | 103.3 |
A1_0 Spot 58 | 223 | 26928 | 1.3 | 13.3428 | 0.8 | 1.8770 | 1.3 | 0.1817 | 1.1 | 0.80 | 1076.4 | 10.5 | 1073.0 | 8.8 | 1066.2 | 16.0 | 1066.2 | 16.0 | 101.0 |
_0 Spot 263 | 27 | 21863 | 3.5 | 13.3340 | 1.4 | 1.7474 | 1.8 | 0.1691 | 1.1 | 0.61 | 1006.9 | 10.1 | 1026.2 | 11.4 | 1067.5 | 28.0 | 1067.5 | 28.0 | 94.3 |
_0 Spot 142 | 372 | 1473423 | 1.6 | 13.3132 | 0.9 | 1.8323 | 1.7 | 0.1770 | 1.4 | 0.83 | 1050.5 | 13.5 | 1057.1 | 11.0 | 1070.7 | 18.7 | 1070.7 | 18.7 | 98.1 |
A1_0 Spot 70 | 304 | 119973 | 1.4 | 13.3080 | 0.6 | 1.8792 | 1.2 | 0.1815 | 1.0 | 0.85 | 1074.9 | 10.3 | 1073.8 | 8.1 | 1071.5 | 12.8 | 1071.5 | 12.8 | 100.3 |

A1_0 Spot 87	273	25939	1.1	13.2951	0.8	1.8726	1.4	0.1806	1.2	0.83	1070.5	11.6	1071.4	9.4	1073.4	16.1	1073.4	16.1	99.7
_0 Spot 116	361	43573	10.2	13.2538	0.7	1.9499	1.2	0.1875	1.0	0.82	1107.9	10.1	1098.4	8.2	1079.6	14.1	1079.6	14.1	102.6
_0 Spot 147 | 163 | 51553 | 2.1 | 13.2495 | 0.9 | 1.9322 | 1.5 | 0.1858 | 1.1 | 0.77 | 1098.3 | 11.5 | 1092.3 | 9.9 | 1080.3 | 18.9 | 1080.3 | 18.9 | 101.7
A1_0 Spot 67 | 285 | 31735 | 2.9 | 13.2419 | 0.9 | 1.9541 | 1.7 | 0.1878 | 1.4 | 0.85 | 1109.2 | 14.5 | 1099.9 | 11.2 | 1081.4 | 17.7 | 1081.4 | 17.7 | 102.6
_0 Spot 267 | 1133 | 188124 | 1.6 | 13.2316 | 0.8 | 1.8552 | 1.5 | 0.1781 | 1.2 | 0.84 | 1056.6 | 11.9 | 1065.3 | 9.6 | 1083.0 | 15.6 | 1083.0 | 15.6 | 97.6
A1_0 Spot 15 | 403 | 60128 | 2.8 | 13.1999 | 0.7 | 1.8492 | 1.1 | 0.1771 | 0.9 | 0.80 | 1051.2 | 8.7 | 1063.1 | 7.4 | 1087.8 | 13.5 | 1087.8 | 13.5 | 96.6
_0 Spot 229 | 359 | 69536 | 1.1 | 13.1720 | 0.7 | 1.9720 | 1.7 | 0.1885 | 1.5 | 0.91 | 1113.1 | 15.5 | 1106.0 | 11.2 | 1092.1 | 13.5 | 1092.1 | 13.5 | 101.9
A1_0 Spot 93 | 491 | 289714 | 4.2 | 13.1643 | 0.7 | 1.9760 | 1.4 | 0.1887 | 1.2 | 0.87 | 1114.6 | 12.7 | 1107.4 | 9.6 | 1093.3 | 14.0 | 1093.3 | 14.0 | 101.9
_0 Spot 185 | 135 | 14157 | 1.1 | 13.1501 | 1.0 | 1.9800 | 1.6 | 0.1889 | 1.2 | 0.79 | 1115.5 | 12.6 | 1108.7 | 10.6 | 1095.4 | 19.4 | 1095.4 | 19.4 | 101.8
_0 Spot 215 | 153 | 52151 | 1.3 | 13.1481 | 0.7 | 1.9505 | 1.1 | 0.1861 | 0.9 | 0.81 | 1100.1 | 9.3 | 1098.6 | 7.6 | 1095.7 | 13.4 | 1095.7 | 13.4 | 100.4
_0 Spot 128 | 174 | 330603 | 1.7 | 13.1364 | 0.6 | 1.9624 | 1.0 | 0.1871 | 0.8 | 0.82 | 1105.4 | 8.5 | 1102.7 | 6.8 | 1097.5 | 11.5 | 1097.5 | 11.5 | 100.7
_0 Spot 150 | 463 | 269576 | 1.4 | 13.1274 | 0.7 | 1.9970 | 1.7 | 0.1902 | 1.5 | 0.90 | 1122.5 | 15.4 | 1114.5 | 11.3 | 1098.8 | 14.8 | 1098.8 | 14.8 | 102.2
A1_0 Spot 31 | 543 | 334366 | 4.3 | 13.0971 | 0.8 | 1.9298 | 1.5 | 0.1834 | 1.3 | 0.86 | 1085.5 | 12.9 | 1091.5 | 10.0 | 1103.5 | 15.4 | 1103.5 | 15.4 | 98.4
_0 Spot 183 | 449 | 59040 | 2.6 | 13.0666 | 0.6 | 1.9408 | 1.5 | 0.1840 | 1.4 | 0.91 | 1088.8 | 13.9 | 1095.3 | 10.2 | 1108.1 | 12.4 | 1108.1 | 12.4 | 98.3
_0 Spot 159 | 56 | 16927 | 0.2 | 13.0062 | 1.0 | 2.0597 | 1.4 | 0.1944 | 1.0 | 0.71 | 1145.0 | 10.2 | 1135.5 | 9.3 | 1117.4 | 19.1 | 1117.4 | 19.1 | 102.5
_0 Spot 268 | 460 | 159875 | 11.8 | 12.9627 | 0.7 | 2.0312 | 1.4 | 0.1910 | 1.2 | 0.87 | 1127.1 | 12.4 | 1126.0 | 9.3 | 1124.1 | 13.4 | 1124.1 | 13.4 | 100.3
_0 Spot 289 | 147 | 87088 | 1.5 | 12.9295 | 0.8 | 2.0122 | 1.1 | 0.1888 | 0.8 | 0.67 | 1114.7 | 7.9 | 1119.6 | 7.8 | 1129.1 | 16.9 | 1129.1 | 16.9 | 98.7
_0 Spot 245 | 346 | 46843 | 1.4 | 12.9187 | 0.8 | 1.8006 | 1.6 | 0.1688 | 1.4 | 0.87 | 1005.4 | 13.4 | 1045.7 | 10.7 | 1130.8 | 15.9 | 1130.8 | 15.9 | 88.9
_0 Spot 223 | 180 | 894630 | 1.4 | 12.9103 | 0.6 | 2.0224 | 1.0 | 0.1894 | 0.9 | 0.85 | 1118.4 | 9.1 | 1123.1 | 7.1 | 1132.1 | 11.0 | 1132.1 | 11.0 | 98.8
_0 Spot 148 | 96 | 38331 | 0.6 | 12.9054 | 0.8 | 2.0484 | 1.4 | 0.1918 | 1.1 | 0.82 | 1131.2 | 11.7 | 1131.8 | 9.4 | 1132.9 | 15.7 | 1132.9 | 15.7 | 99.9
A1_0 Spot 28 | 78 | 13451 | 0.7 | 12.8866 | 1.0 | 2.0861 | 1.7 | 0.1951 | 1.3 | 0.77 | 1148.7 | 13.5 | 1144.3 | 11.4 | 1135.8 | 20.8 | 1135.8 | 20.8 | 101.1
A1_0 Spot 24 | 936 | 114962 | 5.2 | 12.8818 | 0.8 | 1.7959 | 1.5 | 0.1679 | 1.2 | 0.83 | 1000.3 | 11.3 | 1044.0 | 9.6 | 1136.5 | 16.5 | 1136.5 | 16.5 | 88.0
_0 Spot 287 | 145 | 346822 | 1.1 | 12.8514 | 0.7 | 2.1061 | 1.2 | 0.1964 | 0.9 | 0.79 | 1155.9 | 10.0 | 1150.8 | 8.3 | 1141.2 | 14.7 | 1141.2 | 14.7 | 101.3
_0 Spot 134 | 154 | 32731 | 0.5 | 12.8139 | 0.8 | 2.1697 | 1.3 | 0.2017 | 1.0 | 0.79 | 1184.6 | 11.3 | 1171.4 | 9.2 | 1147.0 | 16.2 | 1147.0 | 16.2 | 103.3
_0 Spot 103 | 117 | 18178 | 1.9 | 12.8053 | 1.0 | 1.7681 | 1.5 | 0.1643 | 1.1 | 0.76 | 980.5 | 10.1 | 1033.8 | 9.5 | 1148.4 | 19.0 | 1148.4 | 19.0 | 85.4
A1_0 Spot 54 | 468 | 54142 | 1.3 | 12.7948 | 0.6 | 2.0789 | 1.5 | 0.1930 | 1.4 | 0.91 | 1137.6 | 14.5 | 1141.9 | 10.5 | 1150.0 | 12.7 | 1150.0 | 12.7 | 98.9
A1_0 Spot 11 | 22 | 8642 | 0.5 | 12.7519 | 1.5 | 2.1267 | 1.8 | 0.1968 | 1.1 | 0.60 | 1158.0 | 11.6 | 1157.5 | 12.5 | 1156.6 | 28.8 | 1156.6 | 28.8 | 100.1
_0 Spot 121 | 189 | 291023 | 1.6 | 12.7448 | 0.7 | 2.1367 | 1.1 | 0.1976 | 0.9 | 0.77 | 1162.4 | 9.2 | 1160.8 | 7.8 | 1157.8 | 14.4 | 1157.8 | 14.4 | 100.4
A1_0 Spot 59 | 540 | 98036 | 1.5 | 12.7016 | 0.6 | 2.1855 | 1.3 | 0.2014 | 1.1 | 0.87 | 1182.9 | 12.3 | 1176.4 | 9.1 | 1164.5 | 12.8 | 1164.5 | 12.8 | 101.6
A1_0 Spot 37 | 273 | 1385366 | 3.7 | 12.6472 | 0.8 | 2.2021 | 1.3 | 0.2021 | 1.1 | 0.82 | 1186.5 | 11.5 | 1181.7 | 9.1 | 1173.0 | 14.9 | 1173.0 | 14.9 | 101.1
A1_0 Spot 90 | 98 | 37708 | 1.3 | 12.6419 | 0.9 | 2.1778 | 1.5 | 0.1998 | 1.2 | 0.79 | 1174.1 | 12.5 | 1174.0 | 10.3 | 1173.8 | 18.0 | 1173.8 | 18.0 | 100.0
_0 Spot 231 | 164 | 55812 | 1.3 | 12.6247 | 0.8 | 2.1430 | 1.5 | 0.1963 | 1.3 | 0.86 | 1155.4 | 13.9 | 1162.8 | 10.6 | 1176.5 | 15.7 | 1176.5 | 15.7 | 98.2
A1_0 Spot 71 | 71 | 118904 | 0.9 | 12.6079 | 1.0 | 2.0142 | 1.4 | 0.1843 | 0.9 | 0.68 | 1090.2 | 9.3 | 1120.3 | 9.3 | 1179.2 | 19.9 | 1179.2 | 19.9 | 92.5
_0 Spot 220 | 220 | 42922 | 0.6 | 12.5877 | 0.8 | 2.2102 | 1.3 | 0.2019 | 1.1 | 0.82 | 1185.4 | 11.7 | 1184.3 | 9.2 | 1182.3 | 15.0 | 1182.3 | 15.0 | 100.3
_0 Spot 294 | 68 | 11903 | 0.9 | 12.5527 | 0.9 | 2.1626 | 1.4 | 0.1970 | 1.1 | 0.75 | 1159.0 | 11.3 | 1169.1 | 9.9 | 1187.8 | 18.5 | 1187.8 | 18.5 | 97.6
_0 Spot 163 | 155 | 50988 | 2.1 | 12.5453 | 0.8 | 2.2375 | 1.3 | 0.2037 | 1.0 | 0.79 | 1195.0 | 11.2 | 1192.9 | 9.1 | 1189.0 | 15.5 | 1189.0 | 15.5 | 100.5
_0 Spot 221 | 91 | 50507 | 1.0 | 12.5332 | 1.0 | 2.0414 | 1.6 | 0.1856 | 1.2 | 0.76 | 1097.7 | 12.1 | 1129.4 | 10.8 | 1190.9 | 20.5 | 1190.9 | 20.5 | 92.2
_0 Spot 184 | 94 | 52119 | 0.5 | 12.5221 | 0.9 | 2.1904 | 1.3 | 0.1990 | 1.0 | 0.77 | 1170.0 | 11.0 | 1178.0 | 9.3 | 1192.6 | 16.8 | 1192.6 | 16.8 | 98.1
_0 Spot 270 | 367 | 148766 | 1.9 | 12.5022 | 0.7 | 2.2420 | 1.6 | 0.2034 | 1.4 | 0.90 | 1193.4 | 15.7 | 1194.3 | 11.2 | 1195.8 | 13.7 | 1195.8 | 13.7 | 99.8
A1_0 Spot 56 | 117 | 45128 | 1.5 | 12.4841 | 0.7 | 2.2011 | 1.2 | 0.1994 | 0.9 | 0.81 | 1172.0 | 10.1 | 1181.4 | 8.2 | 1198.6 | 13.6 | 1198.6 | 13.6 | 97.8
_0 Spot 105 | 1224 | 170827 | 11.2 | 12.4469 | 0.7 | 2.1284 | 1.3 | 0.1922 | 1.1 | 0.86 | 1133.4 | 11.3 | 1158.1 | 8.8 | 1204.5 | 12.9 | 1204.5 | 12.9 | 94.1
_0 Spot 180 | 123 | 32614 | 2.5 | 12.3439 | 1.1 | 2.2437 | 1.6 | 0.2010 | 1.2 | 0.76 | 1180.5 | 13.4 | 1194.8 | 11.4 | 1220.9 | 20.7 | 1220.9 | 20.7 | 96.7
_0 Spot 146 | 366 | 46776 | 1.6 | 12.2446 | 0.7 | 2.2883 | 1.3 | 0.2033 | 1.0 | 0.81 | 1193.0 | 11.1 | 1208.7 | 8.9 | 1236.7 | 14.7 | 1236.7 | 14.7 | 96.5
_0 Spot 152 | 207 | 25154 | 1.6 | 12.1273 | 0.8 | 2.5783 | 1.3 | 0.2269 | 1.0 | 0.81 | 1318.1 | 12.4 | 1294.5 | 9.4 | 1255.6 | 14.7 | 1255.6 | 14.7 | 105.0
_0 Spot 176 | 124 | 45984 | 2.0 | 12.0923 | 1.1 | 2.1811 | 1.8 | 0.1914 | 1.4 | 0.78 | 1128.8 | 14.6 | 1175.0 | 12.6 | 1261.3 | 22.3 | 1261.3 | 22.3 | 89.5
_0 Spot 274 | 574 | 3228 | 1.4 | 11.9467 | 1.6 | 1.2980 | 1.9 | 0.1125 | 1.1 | 0.57 | 687.3 | 7.1 | 844.8 | 11.1 | 1284.8 | 30.9 | 1284.8 | 30.9 | 53.5
_0 Spot 299 | 78 | 147485 | 8.1 | 11.9236 | 1.0 | 2.2558 | 1.6 | 0.1952 | 1.3 | 0.79 | 1149.3 | 13.6 | 1198.6 | 11.4 | 1288.6 | 19.2 | 1288.6 | 19.2 | 89.2
_0 Spot 285 | 1951 | 90161 | 6.6 | 11.9162 | 0.8 | 2.2413 | 1.5 | 0.1938 | 1.2 | 0.82 | 1141.9 | 12.5 | 1194.1 | 10.3 | 1289.8 | 16.3 | 1289.8 | 16.3 | 88.5
A1_0 Spot 73 | 227 | 104551 | 1.6 | 11.8909 | 0.7 | 2.5901 | 1.3 | 0.2235 | 1.1 | 0.84 | 1300.2 | 12.7 | 1297.9 | 9.4 | 1294.0 | 13.3 | 1294.0 | 13.3 | 100.5
_0 Spot 279 | 301 | 191860 | 0.7 | 11.8214 | 0.8 | 2.6186 | 1.4 | 0.2246 | 1.1 | 0.81 | 1306.2 | 13.2 | 1305.9 | 10.1 | 1305.3 | 15.5 | 1305.3 | 15.5 | 100.1
DA1_0 Spot 5 | 525 | 251206 | 1.5 | 11.7702 | 0.8 | 2.6043 | 1.4 | 0.2224 | 1.2 | 0.82 | 1294.6 | 14.0 | 1301.8 | 10.6 | 1313.8 | 15.9 | 1313.8 | 15.9 | 98.5
_0 Spot 222 | 192 | 38270 | 1.9 | 11.6194 | 0.7 | 2.8317 | 1.3 | 0.2387 | 1.1 | 0.84 | 1380.1 | 13.6 | 1364.0 | 9.8 | 1338.7 | 13.6 | 1338.7 | 13.6 | 103.1
A1_0 Spot 40 | 283 | 51792 | 2.8 | 11.5531 | 0.8 | 2.5565 | 1.3 | 0.2143 | 1.0 | 0.79 | 1251.7 | 11.3 | 1288.3 | 9.2 | 1349.8 | 14.8 | 1349.8 | 14.8 | 92.7
_0 Spot 277 | 183 | 100487 | 2.1 | 11.5424 | 0.6 | 2.6551 | 1.3 | 0.2224 | 1.1 | 0.88 | 1294.4 | 13.0 | 1316.1 | 9.3 | 1351.6 | 11.3 | 1351.6 | 11.3 | 95.8
A1_0 Spot 57 | 296 | 55333 | 6.7 | 11.5128 | 1.4 | 2.5915 | 2.1 | 0.2165 | 1.6 | 0.76 | 1263.3 | 18.7 | 1298.2 | 15.7 | 1356.5 | 26.5 | 1356.5 | 26.5 | 93.1
A1_0 Spot 34 | 282 | 49504 | 1.8 | 11.5090 | 0.9 | 2.6419 | 1.4 | 0.2206 | 1.1 | 0.79 | 1285.1 | 12.9 | 1312.4 | 10.3 | 1357.2 | 16.4 | 1357.2 | 16.4 | 94.7
_0 Spot 213 | 576 | 95857 | 2.1 | 11.1498 | 0.7 | 3.0497 | 1.3 | 0.2467 | 1.1 | 0.86 | 1421.6 | 14.1 | 1420.2 | 9.8 | 1418.0 | 12.5 | 1418.0 | 12.5 | 100.2
A1_0 Spot 74 | 82 | 15114 | 2.2 | 11.1065 | 1.6 | 2.4964 | 1.9 | 0.2012 | 1.0 | 0.53 | 1181.6 | 11.0 | 1271.0 | 14.1 | 1425.5 | 31.5 | 1425.5 | 31.5 | 82.9
_0 Spot 252 | 118 | 48694 | 1.3 | 10.8573 | 0.9 | 3.2871 | 1.4 | 0.2590 | 1.1 | 0.78 | 1484.5 | 14.9 | 1478.0 | 11.3 | 1468.7 | 17.4 | 1468.7 | 17.4 | 101.1
_0 Spot 153 | 457 | 55074 | 2.2 | 10.7109 | 0.7 | 3.2125 | 1.6 | 0.2497 | 1.5 | 0.92 | 1436.7 | 19.1 | 1460.2 | 12.5 | 1494.4 | 12.4 | 1494.4 | 12.4 | 96.1
A1_0 Spot 45 | 301 | 46854 | 1.6 | 10.6267 | 0.6 | 3.4970 | 1.2 | 0.2696 | 1.0 | 0.85 | 1539.0 | 14.0 | 1526.5 | 9.5 | 1509.3 | 12.2 | 1509.3 | 12.2 | 102.0
A1_0 Spot 18 | 176 | 43276 | 2.0 | 10.5492 | 0.8 | 3.3994 | 1.4 | 0.2602 | 1.1 | 0.79 | 1490.9 | 14.2 | 1504.3 | 10.6 | 1523.1 | 15.6 | 1523.1 | 15.6 | 97.9
_0 Spot 225 | 213 | 48002 | 1.4 | 10.4903 | 0.8 | 3.5179 | 1.3 | 0.2678 | 1.1 | 0.82 | 1529.5 | 14.9 | 1531.2 | 10.5 | 1533.7 | 14.3 | 1533.7 | 14.3 | 99.7
_0 Spot 127 | 307 | 85019 | 1.4 | 10.4889 | 0.7 | 3.5858 | 1.2 | 0.2729 | 1.0 | 0.82 | 1555.5 | 13.3 | 1546.4 | 9.3 | 1533.9 | 12.5 | 1533.9 | 12.5 | 101.4
A1_0 Spot 97 | 228 | 52130 | 0.6 | 10.4852 | 0.6 | 3.5272 | 1.0 | 0.2683 | 0.8 | 0.80 | 1532.4 | 11.1 | 1533.3 | 8.1 | 1534.6 | 11.7 | 1534.6 | 11.7 | 99.9
A1_0 Spot 48 | 241 | 41539 | 1.7 | 10.4307 | 0.7 | 3.5447 | 1.5 | 0.2683 | 1.4 | 0.89 | 1532.1 | 18.6 | 1537.3 | 12.2 | 1544.4 | 13.4 | 1544.4 | 13.4 | 99.2
_0 Spot 226 | 259 | 346660 | 5.6 | 10.4266 | 0.7 | 3.5937 | 1.2 | 0.2719 | 1.0 | 0.82 | 1550.3 | 13.1 | 1548.1 | 9.2 | 1545.1 | 12.6 | 1545.1 | 12.6 | 100.3
_0 Spot 129 | 521 | 404137 | 2.1 | 10.4006 | 0.7 | 3.5035 | 1.4 | 0.2644 | 1.2 | 0.86 | 1512.3 | 16.4 | 1528.0 | 11.2 | 1549.8 | 13.6 | 1549.8 | 13.6 | 97.6
_0 Spot 108 | 682 | 308981 | 1.6 | 10.3624 | 0.6 | 3.7490 | 1.3 | 0.2819 | 1.2 | 0.90 | 1600.8 | 17.2 | 1581.9 | 10.8 | 1556.7 | 11.0 | 1556.7 | 11.0 | 102.8
A1_0 Spot 42 | 589 | 132926 | 5.2 | 10.3396 | 0.8 | 3.5578 | 1.6 | 0.2669 | 1.4 | 0.87 | 1525.1 | 18.9 | 1540.2 | 12.7 | 1560.9 | 15.0 | 1560.9 | 15.0 | 97.7
A1_0 Spot 95 | 182 | 60195 | 0.8 | 10.2468 | 0.7 | 3.6787 | 1.5 | 0.2735 | 1.3 | 0.88 | 1558.6 | 18.6 | 1566.8 | 12.2 | 1577.8 | 13.5 | 1577.8 | 13.5 | 98.8
_0 Spot 139 | 212 | 574495 | 1.6 | 10.1341 | 0.7 | 3.7606 | 1.3 | 0.2765 | 1.0 | 0.82 | 1573.8 | 14.6 | 1584.4 | 10.2 | 1598.4 | 13.8 | 1598.4 | 13.8 | 98.5
_0 Spot 168 | 1214 | 2240 | 1.7 | 10.0781 | 5.2 | 1.1003 | 5.5 | 0.0805 | 1.8 | 0.32 | 498.9 | 8.5 | 753.5 | 29.5 | 1608.8 | 97.9 | 1608.8 | 97.9 | 31.0
_0 Spot 233 | 111 | 18202 | 1.9 | 10.0459 | 0.8 | 3.5934 | 1.5 | 0.2619 | 1.3 | 0.86 | 1499.7 | 17.7 | 1548.1 | 12.2 | 1614.7 | 14.6 | 1614.7 | 14.6 | 92.9
_0 Spot 164 | 398 | 170334 | 1.5 | 10.0307 | 0.9 | 3.9173 | 1.5 | 0.2851 | 1.2 | 0.82 | 1617.0 | 17.6 | 1617.3 | 12.2 | 1617.6 | 16.0 | 1617.6 | 16.0 | 100.0
_0 Spot 141 | 1192 | 1126596 | 1.1 | 9.9643 | 0.6 | 3.8855 | 1.2 | 0.2809 | 1.0 | 0.85 | 1596.0 | 13.9 | 1610.7 | 9.4 | 1629.9 | 11.3 | 1629.9 | 11.3 | 97.9
A1_0 Spot 29 | 152 | 116549 | 1.1 | 9.9614 | 0.9 | 3.8731 | 1.4 | 0.2799 | 1.1 | 0.79 | 1591.1 | 16.0 | 1608.1 | 11.6 | 1630.4 | 16.4 | 1630.4 | 16.4 | 97.6
_0 Spot 156 | 295 | 215459 | 1.8 | 9.7535 | 0.7 | 4.2519 | 1.4 | 0.3009 | 1.2 | 0.85 | 1695.8 | 17.5 | 1684.1 | 11.3 | 1669.5 | 13.5 | 1669.5 | 13.5 | 101.6
_0 Spot 283 | 136 | 27983 | 0.6 | 9.7127 | 0.9 | 4.1152 | 1.6 | 0.2900 | 1.3 | 0.81 | 1641.6 | 18.5 | 1657.3 | 12.9 | 1677.3 | 17.2 | 1677.3 | 17.2 | 97.9
_0 Spot 118 | 162 | 61859 | 1.9 | 9.7021 | 0.7 | 4.3375 | 1.3 | 0.3054 | 1.1 | 0.82 | 1717.8 | 16.3 | 1700.5 | 10.8 | 1679.3 | 13.7 | 1679.3 | 13.7 | 102.3
_0 Spot 241 | 611 | 166863 | 2.0 | 9.6870 | 0.5 | 3.7048 | 1.6 | 0.2604 | 1.5 | 0.95 | 1491.9 | 20.4 | 1572.4 | 12.9 | 1682.2 | 9.7 | 1682.2 | 9.7 | 88.7
_0 Spot 179 | 192 | 35805 | 1.7 | 9.6367 | 0.7 | 4.2075 | 1.3 | 0.2942 | 1.1 | 0.83 | 1662.5 | 15.6 | 1675.5 | 10.6 | 1691.8 | 13.3 | 1691.8 | 13.3 | 98.3
_0 Spot 202 | 733 | 1018535 | 2.3 | 9.5262 | 0.6 | 4.2574 | 1.2 | 0.2943 | 1.1 | 0.87 | 1662.9 | 15.9 | 1685.2 | 10.2 | 1713.0 | 11.1 | 1713.0 | 11.1 | 97.1
_0 Spot 165 | 894 | 702856 | 3.3 | 9.4890 | 0.7 | 4.2941 | 1.2 | 0.2957 | 1.0 | 0.81 | 1669.7 | 14.4 | 1692.2 | 9.9 | 1720.2 | 12.9 | 1720.2 | 12.9 | 97.1
_0 Spot 173 | 199 | 145993 | 1.8 | 9.3482 | 0.6 | 4.7121 | 1.3 | 0.3196 | 1.1 | 0.88 | 1787.9 | 17.4 | 1769.4 | 10.6 | 1747.6 | 11.1 | 1747.6 | 11.1 | 102.3
_0 Spot 254 | 438 | 86418 | 1.5 | 9.3439 | 0.7 | 4.5901 | 1.4 | 0.3112 | 1.3 | 0.88 | 1746.6 | 19.5 | 1747.5 | 12.1 | 1748.5 | 12.7 | 1748.5 | 12.7 | 99.9
A1_0 Spot 23 | 213 | 140006 | 1.0 | 9.3418 | 0.7 | 4.5527 | 1.2 | 0.3086 | 1.0 | 0.81 | 1733.8 | 14.7 | 1740.7 | 10.0 | 1748.9 | 12.9 | 1748.9 | 12.9 | 99.1
_0 Spot 120 | 613 | 337031 | 7.9 | 9.1090 | 0.6 | 5.0274 | 1.6 | 0.3323 | 1.4 | 0.92 | 1849.4 | 23.3 | 1823.9 | 13.4 | 1795.0 | 11.4 | 1795.0 | 11.4 | 103.0
DA1_0 Spot 7 | 929 | 136314 | 10.1 | 9.0423 | 0.6 | 4.5528 | 1.4 | 0.2987 | 1.2 | 0.88 | 1684.9 | 17.7 | 1740.7 | 11.3 | 1808.3 | 11.6 | 1808.3 | 11.6 | 93.2
_0 Spot 247 | 1016 | 346841 | 12.7 | 8.9642 | 0.8 | 4.7327 | 1.5 | 0.3078 | 1.3 | 0.83 | 1730.0 | 19.3 | 1773.1 | 12.8 | 1824.1 | 15.3 | 1824.1 | 15.3 | 94.8
A1_0 Spot 69 | 463 | 83610 | 8.1 | 8.9214 | 0.7 | 4.8885 | 1.3 | 0.3164 | 1.1 | 0.87 | 1772.3 | 17.7 | 1800.3 | 11.1 | 1832.8 | 11.9 | 1832.8 | 11.9 | 96.7
_0 Spot 286 | 1459 | 106825 | 13.9 | 8.8926 | 0.7 | 4.4207 | 1.2 | 0.2852 | 1.0 | 0.84 | 1617.7 | 14.4 | 1716.2 | 10.0 | 1838.6 | 12.0 | 1838.6 | 12.0 | 88.0
_0 Spot 246 | 716 | 398407 | 4.7 | 8.8667 | 0.6 | 4.5034 | 1.6 | 0.2897 | 1.5 | 0.93 | 1640.2 | 21.0 | 1731.6 | 13.0 | 1843.9 | 10.2 | 1843.9 | 10.2 | 89.0
_0 Spot 126 | 954 | 253740 | 6.2 | 8.8536 | 0.7 | 4.8904 | 1.4 | 0.3142 | 1.2 | 0.86 | 1761.2 | 18.4 | 1800.6 | 11.8 | 1846.6 | 13.1 | 1846.6 | 13.1 | 95.4
A1_0 Spot 19 | 574 | 646209 | 2.6 | 8.8474 | 0.7 | 5.1436 | 1.8 | 0.3302 | 1.6 | 0.91 | 1839.3 | 26.3 | 1843.3 | 15.3 | 1847.9 | 13.4 | 1847.9 | 13.4 | 99.5
_0 Spot 187 | 278 | 381349 | 6.4 | 8.8206 | 0.8 | 5.2510 | 1.2 | 0.3361 | 0.8 | 0.72 | 1867.7 | 13.5 | 1860.9 | 9.8 | 1853.3 | 14.4 | 1853.3 | 14.4 | 100.8
_0 Spot 122 | 196 | 33386 | 2.6 | 8.8174 | 0.9 | 5.3015 | 1.4 | 0.3392 | 1.1 | 0.79 | 1882.7 | 18.2 | 1869.1 | 12.0 | 1854.0 | 15.5 | 1854.0 | 15.5 | 101.5
_0 Spot 143 | 1132 | 926228 | 6.4 | 8.8154 | 0.7 | 5.2757 | 1.3 | 0.3374 | 1.1 | 0.85 | 1874.4 | 17.4 | 1864.9 | 10.7 | 1854.4 | 11.9 | 1854.4 | 11.9 | 101.1
DA1_0 Spot 4 | 719 | 1556387 | 1.3 | 8.7901 | 0.8 | 5.1798 | 1.6 | 0.3304 | 1.4 | 0.86 | 1840.1 | 22.1 | 1849.3 | 13.6 | 1859.6 | 14.6 | 1859.6 | 14.6 | 99.0
_0 Spot 161 | 1733 | 206740 | 7.7 | 8.7316 | 0.6 | 4.8835 | 1.2 | 0.3094 | 1.1 | 0.89 | 1737.7 | 16.6 | 1799.4 | 10.4 | 1871.7 | 10.3 | 1871.7 | 10.3 | 92.8
A1_0 Spot 39 | 272 | 38565 | 0.8 | 8.7077 | 0.6 | 5.0347 | 1.0 | 0.3181 | 0.9 | 0.82 | 1780.4 | 13.2 | 1825.2 | 8.8 | 1876.6 | 10.8 | 1876.6 | 10.8 | 94.9
_0 Spot 210 | 498 | 9090 | 8.0 | 8.5806 | 1.9 | 5.2811 | 2.2 | 0.3288 | 1.0 | 0.46 | 1832.6 | 16.1 | 1865.8 | 18.5 | 1903.1 | 34.5 | 1903.1 | 34.5 | 96.3
A1_0 Spot 52 | 261 | 593689 | 4.7 | 8.4850 | 0.6 | 5.5037 | 1.1 | 0.3388 | 0.9 | 0.82 | 1881.1 | 15.1 | 1901.2 | 9.7 | 1923.2 | 11.5 | 1923.2 | 11.5 | 97.8
_0 Spot 250 | 334 | 184124 | 2.2 | 8.4750 | 0.6 | 4.5712 | 1.1 | 0.2811 | 0.9 | 0.82 | 1596.9 | 13.3 | 1744.0 | 9.5 | 1925.3 | 11.6 | 1925.3 | 11.6 | 82.9
A1_0 Spot 81 | 767 | 83646 | 1.9 | 8.2637 | 0.9 | 4.9972 | 1.6 | 0.2996 | 1.3 | 0.82 | 1689.5 | 19.7 | 1818.8 | 13.8 | 1970.4 | 16.8 | 1970.4 | 16.8 | 85.7
_0 Spot 157 | 200 | 153995 | 4.5 | 8.1243 | 0.8 | 6.0466 | 1.3 | 0.3564 | 1.1 | 0.80 | 1965.3 | 18.3 | 1982.6 | 11.7 | 2000.7 | 14.2 | 2000.7 | 14.2 | 98.2
_0 Spot 234 | 287 | 53765 | 2.1 | 8.0898 | 1.0 | 5.6973 | 1.4 | 0.3344 | 1.1 | 0.73 | 1859.8 | 17.1 | 1931.0 | 12.5 | 2008.2 | 17.5 | 2008.2 | 17.5 | 92.6
A1_0 Spot 10 | 61 | 59399 | 0.7 | 7.9030 | 0.7 | 6.3371 | 1.2 | 0.3634 | 1.0 | 0.80 | 1998.2 | 16.6 | 2023.6 | 10.5 | 2049.6 | 12.7 | 2049.6 | 12.7 | 97.5
_0 Spot 175 | 734 | 127891822 | 18.0 | 7.7931 | 0.7 | 6.1919 | 1.5 | 0.3501 | 1.4 | 0.88 | 1935.2 | 22.7 | 2003.3 | 13.5 | 2074.3 | 12.8 | 2074.3 | 12.8 | 93.3
_0 Spot 123 | 267 | 574670 | 1.7 | 7.5688 | 0.7 | 7.2501 | 1.1 | 0.3982 | 0.8 | 0.76 | 2160.6 | 15.6 | 2142.7 | 10.0 | 2125.6 | 12.7 | 2125.6 | 12.7 | 101.6
_0 Spot 206 | 684 | 118970 | 0.7 | 7.2326 | 0.6 | 6.4670 | 1.4 | 0.3394 | 1.3 | 0.90 | 1883.7 | 20.7 | 2041.4 | 12.3 | 2204.8 | 10.4 | 2204.8 | 10.4 | 85.4
_0 Spot 200 | 540 | 94484 | 2.6 | 7.2179 | 0.8 | 6.0814 | 1.3 | 0.3185 | 1.1 | 0.82 | 1782.4 | 17.2 | 1987.6 | 11.7 | 2208.3 | 13.3 | 2208.3 | 13.3 | 80.7
_0 Spot 278 | 188 | 70154 | 1.4 | 7.1717 | 1.2 | 6.8813 | 1.6 | 0.3581 | 1.1 | 0.68 | 1973.1 | 19.1 | 2096.2 | 14.6 | 2219.5 | 20.8 | 2219.5 | 20.8 | 88.9
_0 Spot 160 | 256 | 47905 | 3.2 | 6.7291 | 0.7 | 8.7782 | 1.4 | 0.4286 | 1.2 | 0.86 | 2299.4 | 22.9 | 2315.2 | 12.6 | 2329.2 | 12.1 | 2329.2 | 12.1 | 98.7
A1_0 Spot 75 | 970 | 209564 | 2.1 | 6.6115 | 0.5 | 8.7627 | 1.0 | 0.4204 | 0.8 | 0.85 | 2262.1 | 15.6 | 2313.6 | 8.8 | 2359.4 | 8.7 | 2359.4 | 8.7 | 95.9
_0 Spot 205 | 287 | 94332 | 0.8 | 6.4322 | 0.6 | 10.2448 | 1.2 | 0.4781 | 1.1 | 0.86 | 2519.1 | 22.0 | 2457.1 | 11.3 | 2406.2 | 10.5 | 2406.2 | 10.5 | 104.7
_0 Spot 192 | 716 | 289487 | 2.2 | 6.3546 | 0.7 | 8.2697 | 1.3 | 0.3813 | 1.1 | 0.86 | 2082.3 | 19.9 | 2261.0 | 11.8 | 2426.8 | 11.3 | 2426.8 | 11.3 | 85.8
_0 Spot 144 | 309 | 718544 | 2.0 | 6.2665 | 0.7 | 10.4284 | 1.5 | 0.4742 | 1.4 | 0.90 | 2501.8 | 28.6 | 2473.6 | 14.2 | 2450.4 | 11.1 | 2450.4 | 11.1 | 102.1
A1_0 Spot 82 | 694 | 92509 | 6.0 | 6.2544 | 0.7 | 9.1049 | 1.2 | 0.4132 | 1.0 | 0.84 | 2229.5 | 19.5 | 2348.6 | 11.2 | 2453.7 | 11.2 | 2453.7 | 11.2 | 90.9
_0 Spot 218 | 171 | 50226 | 1.1 | 6.1273 | 0.7 | 10.7269 | 1.4 | 0.4769 | 1.2 | 0.86 | 2513.8 | 24.5 | 2499.8 | 12.7 | 2488.4 | 11.9 | 2488.4 | 11.9 | 101.0
A1_0 Spot 79 | 129 | 34801 | 0.6 | 6.1208 | 0.7 | 10.7489 | 1.2 | 0.4774 | 1.0 | 0.81 | 2515.8 | 20.7 | 2501.7 | 11.4 | 2490.2 | 12.2 | 2490.2 | 12.2 | 101.0
_0 Spot 197 | 464 | 144934 | 1.8 | 6.0837 | 0.7 | 9.8861 | 1.2 | 0.4364 | 1.0 | 0.80 | 2334.5 | 19.6 | 2424.2 | 11.5 | 2500.4 | 12.5 | 2500.4 | 12.5 | 93.4
_0 Spot 100 | 101 | 144989 | 1.5 | 5.9907 | 0.7 | 11.1127 | 1.1 | 0.4830 | 0.9 | 0.82 | 2540.5 | 19.8 | 2532.6 | 10.7 | 2526.3 | 11.0 | 2526.3 | 11.0 | 100.6

1_0 Spot 240	343	389968	1.6	5.6687	0.6	12.5256	1.3	0.5152	1.2	0.89	2678.8	25.5	2644.7	12.3	2618.6	9.8	2618.6	9.8	102.3
1_0 Spot 104	60	40079	1.4	5.6435	0.8	12.6089	1.2	0.5163	0.9	0.77	2683.5	19.9	2650.9	11.1	2626.0	12.7	2626.0	12.7	102.2
1_0 Spot 113	51	10361	1.7	5.6330	0.9	12.8314	1.5	0.5244	1.2	0.81	2718.0	26.6	2667.4	14.0	2629.2	14.5	2629.2	14.5	103.4
1_0 Spot 109	353	86477	1.4	5.4576	0.7	12.9101	1.3	0.5112	1.0	0.83	2661.9	22.5	2673.1	11.8	2681.6	11.7	2681.6	11.7	99.3
1_0 Spot 292	152	696642	1.4	5.3751	0.8	12.7221	1.2	0.4962	1.0	0.79	2597.3	20.8	2659.3	11.6	2706.8	12.6	2706.8	12.6	96.0
1_0 Spot 101	856	246492	30.7	5.3573	0.7	13.2245	1.6	0.5141	1.4	0.89	2673.9	30.6	2695.8	14.8	2712.2	11.7	2712.2	11.7	98.6
A1_0 Spot 16	35	141948	2.3	5.3190	0.5	13.8749	1.1	0.5355	1.0	0.88	2764.5	22.4	2741.2	10.7	2724.1	8.6	2724.1	8.6	101.5
1_0 Spot 295	233	196002	1.9	5.0590	0.8	13.4979	1.8	0.4955	1.6	0.91	2594.3	35.0	2715.1	17.1	2806.3	12.5	2806.3	12.5	92.4
A1_0 Spot 22	916	648406	2.8	4.8846	1.3	13.0218	1.8	0.4615	1.2	0.69	2446.3	24.9	2681.2	16.8	2863.5	21.0	2863.5	21.0	85.4
1_0 Spot 194	304	320945	1.9	4.7208	0.6	16.6722	1.4	0.5711	1.3	0.89	2912.3	29.4	2916.2	13.5	2918.9	10.4	2918.9	10.4	99.8
1_0 Spot 275	325	127354	13.7	4.7026	1.4	14.7376	2.3	0.5029	1.8	0.78	2626.1	39.2	2798.4	22.1	2925.1	23.3	2925.1	23.3	89.8

Analyses with >10% uncertainty (1-sigma) in 206Pb/238U age are not included.
Analyses with >10% uncertainty (1-sigma) in 206Pb/207Pb age are not included, unless 206Pb/238U age is <400 Ma.
Best age is determined from 206Pb/238U age for analyses with 206Pb/238U age <900 Ma and from 206Pb/207Pb age for analyses with 206Pb/238Uage >900 Ma.
Concordance is based on 206Pb/238U age / 206Pb/207Pb age. Value is not reported for 206Pb/238U ages <400 Ma because of large uncertainty in 206Pb/207Pb age.
Analyses with 206Pb/238U age >400 Ma and with >20% discordance (<80% concordance) are not included.
Analyses with 206Pb/238U age >400 Ma and with >5% reverse discordance (<105% concordance) are not included.
All uncertainties are reported at the 1-sigma level, and include only measurement errors.
Systematic errors are as follows (at 2-sigma level): sample _962: 0.9% (206Pb/238U) & 0.7% (206Pb/207Pb); sample _787: 1.0% & 0.8%; sample _732: 0.9% & 0.7%; sample _650: 0.9% & 0.8%; sample _167: 1.0% & 0.7%; sample _0: 0.9% & 0.6%
U concentration and U/Th are calibrated relative to FC-1 zircon standard and are accurate to ~20%.
Common Pb correction is from measured 204Pb with common Pb composition interpreted from Stacey and Kramers (1975).
Common Pb composition assigned uncertainties of 1.5 for 206Pb/204Pb, 0.3 for 207Pb/204Pb, and 2.0 for 208Pb/204Pb.
U/Pb and 206Pb/207Pb fractionation is calibrated relative to fragments of large Sri Lanka zircons and individual crystals of FC-1, and R33.
U decay constants and composition as follows: 238U = 9.8485 x 10-10, 235U = 1.55125 x 10-10, 238U/235U = 137.82.
U-Th disequilibrium correction is applied to 206/238 ages assuming a value of 2.3 for the magma.

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Table DR3: Zircon Hf Isotopic Data.

Order	Sample	(176Yb + 176Lu) / 176Hf (%)	Volts Hf	176Hf/177Hf	± (1σ)	176Lu/177Hf	176Hf/177Hf (T)	E-Hf (0)	E-Hf (0) ± (1σ)	E-Hf (T)	Age (Ma)
1	62518DA1_0_SPOT236	10.7	7.5	0.283073	0.000015	0.000883	0.283071	10.2	0.5	12.1	88
2	62518DA1_0_SPOT2	10.0	6.4	0.282899	0.000012	0.000705	0.282897	4.0	0.4	6.1	94
3	62518DA1_0_SPOT138	28.9	5.9	0.282910	0.000014	0.001921	0.282906	4.4	0.5	6.4	96
4	62518DA1_0_SPOT66	29.3	6.5	0.282921	0.000023	0.002062	0.282917	4.8	0.8	6.8	97
5	62518DA1_0_SPOT1	17.2	5.1	0.282922	0.000015	0.001090	0.282920	4.9	0.5	7.1	106
6	62518DA1_0_SPOT264	17.2	6.6	0.282541	0.000024	0.001261	0.282538	-8.6	0.9	-6.2	113
7	62518DA1_0_SPOT132	32.0	7.4	0.282369	0.000016	0.002137	0.282364	-14.7	0.6	-12.3	118
8	62518DA1_0_SPOT41	12.2	6.5	0.282522	0.000018	0.000816	0.282521	-9.3	0.6	-6.7	119
9	62518DA1_0_SPOT248	29.3	5.7	0.282391	0.000020	0.001851	0.282387	-13.9	0.7	-11.3	125
10	62518DA1_0_SPOT84	9.7	6.3	0.282548	0.000015	0.000597	0.282547	-8.4	0.5	-5.6	127
11	62518DA1_0_SPOT201	10.8	6.6	0.282322	0.000015	0.000677	0.282321	-16.4	0.5	-13.6	129
12	62518DA1_0_SPOT13	21.3	5.9	0.282336	0.000015	0.001256	0.282333	-15.9	0.5	-13.1	129
13	62518DA1_0_SPOT256	17.1	6.8	0.282305	0.000018	0.001080	0.282303	-17.0	0.6	-14.2	130
14	62518DA1_0_SPOT107	20.6	7.0	0.282402	0.000014	0.001406	0.282399	-13.5	0.5	-10.7	133
15	62518DA1_0_SPOT32	24.4	5.7	0.282856	0.000017	0.001546	0.282851	2.5	0.6	6.3	177
16	62518DA1_0_SPOT21	24.4	6.5	0.283074	0.000018	0.001781	0.283068	10.2	0.6	14.1	184
17	62518DA1_0_SPOT30	17.3	6.1	0.282611	0.000016	0.001266	0.282606	-6.2	0.6	-2.0	195
18	62518DA1_0_SPOT238	34.3	4.7	0.282604	0.000023	0.002064	0.282596	-6.4	0.8	-2.2	202
19	62518DA1_0_SPOT86	34.8	7.9	0.282323	0.000018	0.002458	0.282314	-16.3	0.6	-12.2	203
20	62518DA1_0_SPOT136	11.7	5.7	0.282792	0.000016	0.000989	0.282788	0.2	0.6	4.7	205
21	62518DA1_0_SPOT162	13.4	5.7	0.282508	0.000023	0.000870	0.282505	-9.8	0.8	-5.3	206
22	62518DA1_0_SPOT212	25.9	5.5	0.282427	0.000016	0.001622	0.282421	-12.6	0.6	-8.3	207
23	62518DA1_0_SPOT85	14.3	6.8	0.282468	0.000011	0.000874	0.282464	-11.2	0.4	-6.1	235
24	62518DA1_0_SPOT51	11.7	6.9	0.282676	0.000021	0.001118	0.282670	-3.9	0.7	1.5	248
25	62518DA1_0_SPOT137	7.7	9.1	0.282647	0.000013	0.000511	0.282644	-4.9	0.4	1.4	286
26	62518DA1_0_SPOT114	26.5	4.6	0.282730	0.000022	0.001753	0.282720	-2.0	0.8	4.3	295
27	62618DA1_962_SPOT205	13.0	6.4	0.282785	0.000015	0.000847	0.282784	0.0	0.5	1.8	82
28	62618DA1_962_SPOT209	13.4	6.6	0.282656	0.000014	0.001065	0.282654	-4.6	0.5	-2.7	90
29	62618DA1_962_SPOT247	17.1	7.4	0.282585	0.000016	0.001156	0.282583	-7.1	0.6	-5.2	90
30	62618DA1_962_SPOT81	7.7	6.4	0.283047	0.000013	0.000565	0.283046	9.3	0.5	11.3	93
31	62618DA1_962_SPOT294	22.6	5.8	0.282979	0.000016	0.001457	0.282977	6.9	0.6	9.0	99
32	62618DA1_962_SPOT48	15.5	6.6	0.282581	0.000014	0.001119	0.282578	-7.2	0.5	-4.8	113
33	62618DA1_962_SPOT168	18.8	5.7	0.282671	0.000027	0.001251	0.282669	-4.0	1.0	-1.6	115
34	62618DA1_962_SPOT102	10.5	6.9	0.282351	0.000018	0.000702	0.282349	-15.4	0.6	-12.7	124
35	62618DA1_962_SPOT24	32.5	7.3	0.282435	0.000017	0.001759	0.282431	-12.4	0.6	-9.8	125
36	62618DA1_962_SPOT135	12.0	6.9	0.282339	0.000013	0.000746	0.282337	-15.8	0.5	-12.9	130
37	62618DA1_962_SPOT297	17.9	6.1	0.282449	0.000018	0.001168	0.282446	-11.9	0.6	-9.1	131
38	62618DA1_962_SPOT85	16.2	6.7	0.282419	0.000013	0.001164	0.282416	-13.0	0.5	-10.1	134
39	62618DA1_962_SPOT163	12.9	6.8	0.282709	0.000016	0.001003	0.282706	-2.7	0.6	1.6	198
40	62618DA1_962_SPOT146	13.0	6.5	0.282625	0.000018	0.001013	0.282622	-5.6	0.6	-1.3	199
41	62618DA1_962_SPOT249	5.7	6.4	0.282501	0.000014	0.000478	0.282499	-10.1	0.5	-5.6	203
42	62618DA1_962_SPOT138	17.1	7.9	0.282336	0.000011	0.001359	0.282331	-15.9	0.4	-11.4	211
43	62618DA1_962_SPOT127	12.1	8.0	0.282541	0.000014	0.000780	0.282538	-8.6	0.5	-4.0	215
44	62618DA1_962_SPOT65	11.3	8.2	0.282451	0.000013	0.000724	0.282448	-11.8	0.5	-7.1	215
45	62618DA1_962_SPOT64	11.0	7.2	0.282518	0.000015	0.000678	0.282515	-9.4	0.5	-4.7	218
46	62618DA1_962_SPOT74	11.5	7.9	0.282510	0.000012	0.000886	0.282507	-9.7	0.4	-4.9	223
47	62618DA1_962_SPOT149	14.9	5.0	0.282437	0.000015	0.000887	0.282433	-12.3	0.5	-7.1	241
48	62618DA1_962_SPOT87	19.6	6.5	0.282325	0.000017	0.001181	0.282319	-16.3	0.6	-10.9	252
49	62618DA1_962_SPOT297	25.0	7.7	0.282350	0.000015	0.001547	0.282343	-15.4	0.5	-10.0	255
50	62618DA1_962_SPOT111	17.9	6.5	0.282443	0.000016	0.001238	0.282437	-12.1	0.6	-6.5	258

Notes:

1 Data reduction methodology is from Woodhead et al. (2004)
2 Analytical methods described in detail by Gehrels and Pecha (2014)
3 (176Yb + 176Lu) / 176Hf (%) expresses the proportion of 176 due to 176Yb + 176Lu versus the proportion due to 176Hf, in %.
4 Volts Hf is the sum of voltages of all Hf isotopes.
5 176Hf/177Hf is the measured 176Hf/177Hf, corrected for fractionation and interfences. Shown with uncertainty expressed at 1-sigma.
6 176Lu/177Hf is the intensity of 176Lu, calculated from the measured instensity of 175Lu and 176Lu/175Lu=0.02653 (from Patchett, 1983), compared to the measured intensity of Fractionation of Lu isotopes is assumed to be the same as fractionation of Yb isotopes.
7 176Hf/177Hf (T) is the 176Hf/177Hf corrected to the time of crystallization using a decay constant of 1.867e-11 (from Scherer et al., 2001 and Soderland et al., 2004)
8 E-Hf (0) is the present-day epsilon Hf value using 176Hf/177Hf=0.282785 and 176Lu/177Hf=0.0336 (from Bouvier et al., 2008). The uncertainty is expressed at 1-sigma.
9 E-Hf (T) is the epsilon Hf value at the time of crystallization. The uncertainty is expressed at 1-sigma.
10 U-Pb ages are based on 206/238 for ages younger than ~1.0 Ga, and on 206/207 for ages older than ~1.0 Ga. This age cutoff may be slightly different for each sample.
11 Isotope ratios as follows:

180/177	1.88666	Patchett (1983)
179/177	0.7325	Patchett & Tatsumoto (1980)
178/177	1.46718	Patchett (1983)
176/177	0.28216	Patchett (1983)
174/177	0.00871	Patchett (1983)
176/175	0.02653	Patchett (1983)
176/171	0.901691	Vervoort et al. (2004)
173/171	1.1323569	Vervoort et al. (2004)
172/171	1.531736	Vervoort et al. (2004)

Notes for plots:

1 DM array is from Vervoort and Blichert-Toft (1999), using 176Hf/177Hf=0.283225 and 176Lu/177Hf=0.0383
2 CHUR is from Bouvier et al. (2008), using 176Hf/177Hf=0.282785 and 176Lu/177Hf=0.0336.

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Table DR4: Maximum Depositional Ages from Detrital Zircon U-Pb Samples								
Sample Name	**n**	**YSG**	**YC1σ(2+)**	**MSWD**	**Cluster n**	**YC2σ(3+)**	**MSWD**	**Cluster n**
			Dênggar Section					
62518DA1_962	276	81.7±1.34 Ma	89.6±0.64 Ma	0.01	2	101.3±0.71 Ma	2.01	3
62518DA1_787	294	86.9±1.26 Ma	87.1±0.86 Ma	0.06	2	88.7±0.65 Ma	3.88	3
62518DA1_732	291	86.6±1.0 Ma	120.3±0.95 Ma	0.81	2	125.2±0.64 Ma	1.67	6
62618DA1_650	282	82.3±1.14 Ma	115.4±1.06 Ma	0.54	2	124.8±0.51 Ma	2.40	6
62518DA1_167	288	86.9±1.16 Ma	99.6±0.59 Ma	0.75	4	99.6±0.59 Ma	0.75	4
62518DA1_0	285	78.7±1.02 Ma	92.2±0.65 Ma	0.71	3	92.2±0.65 Ma	0.71	3

Table DR4: Detrital zircon maximum depositional ages (MDAs) with number of ages (n), 1σ calculated errors, mean square of weighted deviates (MSWD; for calculated ages) and cluster sizes (if applicable) for all detrital zircon U-Pb samples. MDAs were calculated in *DetritalPy* using three techniques: age of the youngest single grain (YSG), weighted mean age of the youngest two grains that overlap at 1σ [YC1σ(2+)], and weighted mean age of the youngest three grains that overlap at 2σ [YC2σ(3+)].

Table DR5: Non-Negative Matrix Factorization (NMF) Results

Compare Input & Reconstructed Sink Samples

	Mean		St. Dev.
Cross-correlation	0.909636901	±	0.111872696
Likeness	0.815963183	±	0.088410912
Kuiper V Value	0.09179657	±	0.050180943
KS D Value	0.072284822	±	0.049580931

Number of sink samples	53
Mean Cross-correlation of sink samples	0.42
Range Cross-correlation of sink samples	0.999
Mean Kuiper V value of sink samples	0.524
Range Kuiper V value of sink samples	0.938
Final Residual	0.111570819
Number of Iterations	10000

NMF Results and Weighting Functions

	Weights Source 1	Weights Source 2	Weights Source 3	Weights Source 4	Weights Source 5	Cross-correlation	Likeness	Kuiper V Value	KS D Value	Composite KDE
62518DA1_962	0.000160457	0.04654668	0.019058516	0.020459311	0.913775036	0.69913928	0.752957084	0.120037073	0.062193236	
62518DA1_787	0	0.077887413	0.003425805	0.022412065	0.896274717	0.870663092	0.821510879	0.049807735	0.029158665	
62518DA1_732	0	0.045328962	0	0.010163006	0.944508032	0.781436788	0.777052422	0.096685817	0.094083116	
62618DA1_650	0	0.089497299	0	0.011384798	0.899117904	0.784661327	0.791174444	0.095330558	0.063043743	
62518DA1_167	0.000940422	0.056517392	0.01533381	0.00971252	0.917495856	0.75262392	0.796381412	0.079546852	0.047191922	
62518DA1_0	0.001393646	0.067143673	0.015637601	0.028941272	0.886883808	0.801392946	0.799786423	0.081300887	0.069888353	
7.18.14.3KM	0	0.09949662	0.058189863	0.098851181	0.743462336	0.905777503	0.806010915	0.096199862	0.087005491	
7.18.14.4KM	0.003896202	0.074688888	0.041197775	0.151593379	0.728623756	0.93273811	0.809945716	0.074857404	0.051686305	
7.18.14.5KM	0	0.08471109	0.057056336	0.116795743	0.741436831	0.935411666	0.827575432	0.055852964	0.030110546	
7.18.14.6KM	0.002031983	0.086371514	0.0160334	0.110576971	0.784986131	0.880337791	0.794208928	0.061628975	0.03362031	
7.18.14.7KM	0	0.071203234	0.033676866	0.079285935	0.815833965	0.786329536	0.771492142	0.085327939	0.05389668	
7.18.14.8KM	0	0.08355866	0.034351889	0.129054988	0.753034463	0.932971778	0.82966182	0.051865225	0.039777546	
D980	0.037398923	0.048708816	0	0.813093109	0.100799152	0.992958407	0.867255912	0.03260058	0.018446913	Saga Group B
D448	0.010279871	0.03006445	0.018306333	0.908396528	0.032952817	0.998254453	0.934809268	0.030579483	0.020466541	Saga Group B
D22	0.003171278	0.083138139	0	0.415369737	0.498320845	0.947683034	0.708106751	0.143354304	0.142639926	Saga Group B
C340	0.021922577	0.041674363	0.035677346	0.721215772	0.179509941	0.991558862	0.840784953	0.084185108	0.076679767	Saga Group B
C0	0	0	0.039914264	0.925771949	0.034313787	0.997662376	0.930897347	0.056206734	0.048625948	Saga Group B
B60	0	0	0.136936309	0.863063691	0	0.997723032	0.942475446	0.040404531	0.040404531	Saga Group B
A1287	0.050864239	0.023026783	0.008995407	0.917113571	0	0.992877196	0.919454361	0.077020154	0.058483467	Saga Group B
A1080	0.011332582	0.092466614	0.317134104	0.579066699	0	0.99735837	0.937632449	0.062367551	0.058808589	Saga Group B
A504	0	0	0.12670344	0.830424859	0.042871701	0.99274742	0.887940144	0.051601774	0.046750636	Saga Group B
A151	0	0	0.132313486	0.867686514	0	0.997609804	0.937597728	0.060062447	0.051105371	Saga Group B
E0	0.019927608	0.035104649	0.080444675	0.182299288	0.682223781	0.787736427	0.657043069	0.188549484	0.129827165	Saga Group A
E205	0.117209947	0.044702159	0.034993608	0.288364269	0.514730017	0.934089364	0.740442401	0.08973594	0.061480596	Saga Group B
F6	0.122834474	0.099898051	0	0.633549358	0.143718116	0.981140166	0.844236255	0.094283079	0.070867821	Saga Group B
F31	0.001629477	0.055360134	0.002941248	0.178456373	0.761612768	0.799884224	0.663984247	0.126414266	0.102675528	Saga Group A
F300	0.102906807	0.048237043	0.025571825	0.665691386	0.15759294	0.986840241	0.841879112	0.09004298	0.076343483	Saga Group B
G0	0.033664434	0.034415874	0.01287045	0.812876985	0.106172257	0.992699892	0.858628298	0.056244297	0.050640817	Saga Group B
G23	0.651950695	0	0.025671721	0.322377584	0	0.994187653	0.931967344	0.026154225	0.026154213	Saga Group B
H97	0	0.013877571	0.055428048	0.593597766	0.337096614	0.985717456	0.791946286	0.076313795	0.046242472	Saga Group B
A26	0.001692866	0.236655916	0.649030031	0	0.112621188	0.981021308	0.836093923	0.084356276	0.046352451	Lazi Group B
A96	0	0.069653538	0.869778467	0.060567996	0	0.99264835	0.899705709	0.075209886	0.052988112	Lazi Group B
A129	0	0.090144212	0.804726908	0.10512888	0	0.988416442	0.889578729	0.065671129	0.053408961	Lazi Group B
B5	0.000913049	0.104247915	0.845631252	0.049207784	0	0.998371115	0.947619631	0.04921052	0.04798333	Lazi Group B
B78	0.002587733	0.501664702	0.495747565	0	0	0.987551643	0.911064819	0.062026472	0.052859714	Lazi Group B
B422	0	0.17477836	0.706663882	0.118557758	0	0.995839718	0.926157117	0.043578458	0.029520906	Lazi Group B
C55	0	0.095764698	0.232920236	0	0.671315066	0.884439249	0.705644801	0.098025137	0.086363205	Lazi Group A
C207	0	0.209575324	0.708734875	0.081689801	0	0.994511701	0.917702312	0.056168916	0.030166933	Lazi Group B
C656	0	0.01607817	0.067495541	0.082655651	0.833770638	0.731349694	0.695286535	0.115379269	0.09313287	Lazi Group A
D35	0	0.262768139	0.462740928	0.072986658	0.201504275	0.985744822	0.805023347	0.132541187	0.126832053	Lazi Group B
E8	0	0.158497059	0.66729192	0.062468692	0.111742329	0.993144026	0.877071114	0.065739522	0.050255123	Lazi Group B
E200	0	0.329759988	0.328473519	0.152888172	0.188878322	0.992718027	0.855409019	0.058451483	0.04756079	Lazi Group B
F17	0.00921632	0.178428434	0.486957307	0.125928861	0.199469077	0.976418128	0.788559422	0.160004737	0.139893465	Lazi Group B
F38	0	0.905375099	0	0.094624901	0	0.992825175	0.918333013	0.060884332	0.039629007	Lazi Group B
G7	0	0.057420273	0.136701845	0.114643217	0.691234665	0.92637666	0.71138116	0.152341547	0.142371407	Lazi Group A
G197	0.005392063	0.018037522	0	0.061755634	0.914814781	0.76821665	0.714663004	0.102808719	0.070500447	Lazi Group A
H0	0	0	0.218495936	0.781504064	0	0.976371406	0.870908575	0.125491774	0.078405267	
H22	0	0.007939267	0.03677285	0.051462971	0.903824912	0.513856154	0.676191804	0.107754505	0.092034473	Lazi Group A
H223	0.007316031	0.159688038	0.538585328	0.004848866	0.289561737	0.944455208	0.697923756	0.298344512	0.294611503	Lazi Group B
H321	0	0.045151797	0.402314844	0.234596062	0.317937297	0.962214478	0.730727007	0.236377865	0.235604788	Lazi Group B
H626	0.000916498	0.080755917	0.054499982	0.074063871	0.789763732	0.73414988	0.671284857	0.137375688	0.090998712	Lazi Group A
H942	0	0.096648809	0.024222777	0.081682931	0.797445483	0.750211158	0.702472639	0.136147994	0.069680765	Lazi Group A
H1700	0	0.091773106	0.00897799	0.091759521	0.807489382	0.707692673	0.682407392	0.106766241	0.07164156	Lazi Group A
Lazi Group A weights	0.00078857	0.05805222	0.070198903	0.069752975	0.801207332	0.752036515	0.694916524	0.119574887	0.08959043	
Lazi Group B weights	0.001551857	0.244742037	0.569048345	0.083106745	0.101551016	0.984705724	0.857212066	0.10346895	0.089119081	
Saga Group A weights	0.010778542	0.045232391	0.041692961	0.18037783	0.721918275	0.793810326	0.660513658	0.157481875	0.116251346	
Saga Group B weights	0.072720989	0.035013117	0.060657271	0.697353736	0.134254887	0.986319233	0.869753378	0.066947311	0.055883818	

Reconstructed Source Distributions

Age (Ma)	Source 1	Source 4	Source 3	Source 2	Source 5
0	1.18302E-08	0	0	0	0
1	2.00177E-08	0	0	0	0
2	3.35435E-08	0	0	0	0
3	5.56639E-08	0	0	0	0
4	9.14769E-08	0	0	0	0
5	1.48876E-07	0	0	0	0
6	2.39945E-07	0	0	0	0
7	3.8298E-07	0	0	0	0
8	6.05367E-07	0	0	0	0
9	9.47634E-07	0	0	0	0
10	1.46908E-06	0	0	0	0
11	2.25544E-06	0	0	0	0
12	3.42926E-06	0	0	0	0
13	5.16366E-06	0	0	0	0
14	7.70021E-06	0	0	0	0
15	1.1372E-05	0	0	0	0
16	1.66327E-05	0	0	0	0
17	2.40926E-05	0	0	0	0
18	3.45621E-05	0	0	0	0
19	4.91037E-05	0	0	0	0
20	6.90922E-05	0	0	0	0
21	9.62825E-05	0	0	0	0
22	0.000132883	0	0	0	0

23	0.000181637	0	0	0	0
24	0.000245894	0	0	0	0
25	0.00032969	0	0	0	0
26	0.000437805	0	0	0	0
27	0.000575808	0	0	0	0
28	0.000750065	0	0	0	0
29	0.000967717	0	0	0	0
30	0.001236602	0	0	0	0
31	0.001565122	0	0	0	0
32	0.001962037	0	0	0	0
33	0.002436194	0	0	0	0
34	0.002996175	0	0	0	0
35	0.00364988	0	0	0	0
36	0.004404044	0	0	0	0
37	0.005263719	0	0	0	0
38	0.006231725	0	0	0	0
39	0.007308118	0	0	0	0
40	0.008489702	0	0	0	0
41	0.009769616	0	0	0	0
42	0.011137051	0	0	0	0
43	0.012577121	0	0	0	0
44	0.014070921	0	0	0	0
45	0.015595805	0	0	0	0
46	0.017125874	0	0	0	0
47	0.018632703	0	0	0	0
48	0.020086254	0	0	0	0
49	0.021455968	0	0	0	0
50	0.022711985	0	0	0	0
51	0.023826418	0	0	0	0
52	0.024774638	0	0	0	0
53	0.025536477	0	0	0	0
54	0.026097304	0	0	0	0
55	0.026448887	0	0	0	0
56	0.026590005	0	0	0	0
57	0.026526773	0	0	0	0
58	0.026272639	0	0	0	3.06939E-08
59	0.025715835	0	0	0.000111716	1.66423E-05
60	0.024912972	0	0	0.000315334	2.48429E-05
61	0.023947406	0	0	0.00056418	3.31589E-05
62	0.022848321	0	0	0.000865051	4.1441E-05
63	0.02164725	0	0	0.001225453	4.95496E-05
64	0.020376751	0	0	0.001653531	5.73606E-05
65	0.019069083	0	0	0.002157962	6.47704E-05
66	0.01775495	0	0	0.002747769	7.16981E-05
67	0.016462383	0	0	0.003432088	7.80872E-05
68	0.015215797	0	0	0.004219844	8.39051E-05
69	0.014035258	0	0	0.005119383	8.91417E-05
70	0.012935993	0	0	0.006138021	9.38073E-05
71	0.011928142	0	0	0.007281563	9.79313E-05
72	0.011016748	0	0	0.008553774	0.000101562
73	0.010201984	0	0	0.00995585	0.000104769
74	0.009479575	0	0	0.011485894	0.000107649
75	0.008841397	0	0	0.013138447	0.000110333
76	0.008276204	0	0	0.014904093	0.000113002
77	0.007770462	0	0	0.016769178	0.000115904
78	0.007309223	0	0	0.018715673	0.000119369
79	0.006877016	0	0	0.020721212	0.000123836
80	0.006478519	0	0.00019285	0.022729844	0.000116076
81	0.00609679	0	0.000550006	0.024715796	9.88351E-05
82	0.005712346	0	0.001000497	0.026656763	7.8042E-05
83	0.005316454	0	0.001554914	0.028515807	5.39472E-05
84	0.00490309	0	0.0022231	0.030254958	2.69978E-05
85	0.004469143	0	0.003013342	0.031835934	0
86	0.004014525	0	0.003928014	0.033216287	0
87	0.003541758	0	0.004977106	0.034369238	0
88	0.003055968	0	0.006163315	0.035265835	0
89	0.002564374	0	0.007486465	0.035882522	0
90	0.002075761	0	0.008943156	0.036202153	0
91	0.001599896	0	0.010526494	0.036214766	0
92	0.001146901	0	0.012225917	0.035918072	0
93	0.000726639	0	0.014027131	0.035317631	0
94	0.000348138	0	0.015912171	0.034426686	0
95	1.90914E-05	0	0.017859608	0.033265685	0
96	0	0	0.019846986	0.031846774	0
97	0	0.000182013	0.021796734	0.030213176	0
98	0	0.000583607	0.023669502	0.028401215	0
99	0	0.001062153	0.025472174	0.026454746	0
100	0	0.001622266	0.027172333	0.024413931	0
101	0	0.00226827	0.028737932	0.022318754	0
102	0	0.003004099	0.030138201	0.020207712	0
103	0	0.003825428	0.031344904	0.018114705	9.42782E-06
104	0	0.004727446	0.03233285	0.016070098	3.74374E-05
105	0	0.005728937	0.033079612	0.014106193	6.32606E-05
106	0	0.006831523	0.033568066	0.012246429	8.56515E-05
107	6.16539E-06	0.008035254	0.033786312	0.010508838	0.000103508
108	0.0001781	0.00933745	0.033729533	0.008897523	0.000116
109	0.000343404	0.010735172	0.033395536	0.007430886	0.000122354
110	0.000496965	0.012222091	0.032789658	0.006113155	0.00012215
111	0.000634889	0.013789198	0.031923033	0.004944465	0.000115255
112	0.000754514	0.015424628	0.030812274	0.003921437	0.000101832
113	0.000854367	0.017113563	0.02947899	0.003037816	8.23371E-05
114	0.000934062	0.01883822	0.027949138	0.00228511	5.75086E-05
115	0.000994159	0.020577963	0.026252248	0.001653217	2.83428E-05
116	0.001036053	0.022306296	0.024420706	0.001130187	0
117	0.001062081	0.023976292	0.022489487	0.000698908	0
118	0.001074107	0.025585134	0.020492289	0.00035394	0
119	0.001074664	0.027105714	0.018463713	8.42095E-05	0
120	0.000932715	0.028483939	0.016412631	0	0
121	0.000752098	0.029712966	0.014389391	0	0
122	0.000618514	0.030783696	0.012438402	0	0
123	0.000525255	0.031670906	0.010583829	0	0
124	0.000466319	0.032352717	0.008846322	0	0
125	0.000436354	0.032811427	0.007242691	0	0

126	0.000430574	0.033034246	0.005785713	0	0
127	0.00044469	0.033013859	0.004484096	0	0
128	0.000474845	0.032748803	0.003342563	0	0
129	0.000517547	0.03224362	0.002362068	0	0
130	0.000569629	0.031508762	0.001540109	0	0
131	0.000612289	0.030496536	0.000870721	0	7.36198E-05
132	0.000654636	0.029274904	0.000346055	0	0.000166647
133	0.000695594	0.02783655	0	0	0.000268947
134	0.000729679	0.026043069	0	0	0.00037906
135	0.00076201	0.024238475	0	0	0.000496389
136	0.000790991	0.022443175	0	0	0.000619647
137	0.000815297	0.020677476	0	0	0.000747517
138	0.000833889	0.018960869	0	0	0.000878664
139	0.000812642	0.017302262	0	3.08624E-05	0.00100759
140	0.000759696	0.015719939	0	8.46374E-05	0.001134024
141	0.00070853	0.014127381	0.000117132	0.00012802	0.001260899
142	0.000660959	0.012529766	0.000357656	0.000159296	0.001387095
143	0.000608192	0.011033711	0.000612464	0.00018893	0.001510061
144	0.000550999	0.00965092	0.000873745	0.000216843	0.001628481
145	0.000490345	0.008389044	0.001134795	0.000242913	0.001741046
146	0.000427337	0.007251934	0.001389948	0.000266972	0.001846464
147	0.000363175	0.006240014	0.001634489	0.000288823	0.001943471
148	0.000299096	0.005350725	0.001864557	0.000308244	0.002030854
149	0.000236318	0.004579022	0.002077049	0.000325008	0.002107478
150	0.000175989	0.003917885	0.002269525	0.0003389	0.002172311
151	0.000119145	0.003358814	0.002440129	0.000349734	0.002224468
152	6.66679E-05	0.002892309	0.00258752	0.000357371	0.002263236
153	1.92696E-05	0.002508293	0.002710816	0.000361731	0.002288114
154	0	0.002196359	0.002809776	0.000361512	0.002298854
155	0	0.001946401	0.00288424	0.000357321	0.002295452
156	0	0.001748745	0.00293432	0.000350442	0.002278176
157	0	0.001594186	0.002960666	0.000341119	0.002247582
158	0	0.001474247	0.002964268	0.000329664	0.002204503
159	0	0.001381283	0.002946427	0.000316444	0.002150021
160	0	0.001308546	0.00290874	0.000301869	0.002085445
161	0	0.001250213	0.002853059	0.000286377	0.002012267
162	0	0.001201385	0.002781456	0.000270411	0.001932118
163	0	0.001158063	0.002696172	0.000254407	0.001846717
164	0	0.001117101	0.002599563	0.00023877	0.001757815
165	0	0.00107614	0.002494042	0.000223861	0.001667147
166	0	0.00103354	0.002382015	0.000209985	0.001576378
167	0	0.000988286	0.002265818	0.000197376	0.001487062
168	0	0.000939902	0.002147665	0.000186199	0.001400605
169	0	0.000888353	0.002029589	0.000176543	0.001318237
170	9.09512E-06	0.000833901	0.00191349	0.000167897	0.001241
171	4.11157E-05	0.000777037	0.001801058	0.00015941	0.001169737
172	7.51593E-05	0.000718619	0.001693364	0.000152175	0.001105067
173	0.00011094	0.000659483	0.00159139	0.000146042	0.001047432
174	0.000148132	0.000600492	0.001495826	0.000140824	0.000997092
175	0.000186375	0.000542485	0.001407084	0.000136304	0.000954149
176	0.000225273	0.000486229	0.001325312	0.00013225	0.000918573
177	0.000264412	0.000432396	0.001250432	0.000128421	0.000890223
178	0.000303368	0.000381541	0.001182167	0.000124579	0.000868875
179	0.000341725	0.000334094	0.001120082	0.000120493	0.000854245
180	0.000379091	0.000290363	0.001063625	0.000115949	0.000846012
181	0.000415115	0.000250541	0.001012167	0.000110755	0.000843833
182	0.000449502	0.000214718	0.000965038	0.000104743	0.000847361
183	0.000482018	0.000182895	0.000921565	9.77735E-05	0.000856254
184	0.000512502	0.000155003	0.000881097	8.97408E-05	0.000870179
185	0.000540862	0.000130916	0.000843032	8.05726E-05	0.000888817
186	0.000567072	0.000110466	0.000806833	7.02328E-05	0.000911863
187	0.00059116	9.34558E-05	0.000772042	5.87228E-05	0.00093902
188	0.000613195	7.96688E-05	0.000738281	4.60813E-05	0.000969994
189	0.000633266	6.88753E-05	0.000705257	3.23842E-05	0.001004488
190	0.000651466	6.08384E-05	0.000672754	1.77428E-05	0.001042194
191	0.000667869	5.53169E-05	0.00064063	2.30129E-06	0.001082786
192	0.000667684	5.0633E-05	0.000605998	0	0.001124061
193	0.000662793	4.76915E-05	0.000571069	0	0.001167118
194	0.000655839	4.65091E-05	0.000536357	0	0.001211874
195	0.000646938	4.68641E-05	0.000501935	0	0.001257898
196	0.000636151	4.85366E-05	0.000467894	0	0.001304722
197	0.000623486	5.13086E-05	0.00043433	0	0.001351835
198	0.000608905	5.49661E-05	0.000401342	0	0.001398691
199	0.000592334	5.93E-05	0.000369021	0	0.001444709
200	0.000573682	6.4109E-05	0.000337455	0	0.001489284
201	0.000552856	6.92017E-05	0.000306724	0	0.001531792
202	0.000529783	7.43997E-05	0.000276903	0	0.001571604
203	0.000504426	7.95398E-05	0.000248064	0	0.001608097
204	0.000476801	8.44767E-05	0.000220281	0	0.001640669
205	0.000446988	8.90851E-05	0.00019363	0	0.001668752
206	0.00041514	9.32608E-05	0.000168194	0	0.001691829
207	0.000381483	9.69217E-05	0.000144061	0	0.001709446
208	0.000346314	0.000100008	0.000121327	0	0.001721228
209	0.000309995	0.000102479	0.000100088	0	0.001726893
210	0.000272937	0.000104318	8.04452E-05	0	0.001726256
211	0.000235588	0.00010552	6.24936E-05	0	0.001719243
212	0.000198414	0.000106098	4.63198E-05	0	0.001705893
213	0.000161881	0.000106076	3.19963E-05	0	0.001686355
214	0.00012644	0.000105484	1.9576E-05	0	0.001660894
215	9.25052E-05	0.000104359	9.08774E-06	0	0.001629878
216	6.04458E-05	0.000102738	5.33227E-07	0	0.001593769
217	3.04484E-05	9.49321E-05	0	0	0.001553103
218	2.906E-06	8.79392E-05	0	0	0.001508509
219	0	8.18942E-05	0	0	0.001460485
220	0	7.7045E-05	0	0	0.001409898
221	0	7.33445E-05	0	0	0.001357485
222	0	7.06884E-05	0	0	0.001303957
223	0	6.89656E-05	0	0	0.001250003
224	0	6.80658E-05	0	0	0.001196274
225	0	6.78869E-05	0	0	0.001143371
226	0	6.6259E-05	2.22189E-06	0	0.001091827
227	0	6.18838E-05	7.97797E-06	0	0.001042109
228	0	5.76828E-05	1.41009E-05	0	0.000994615

229	0	5.37668E-05	2.0446E-05	0	0.000949658
230	0	5.02557E-05	2.68799E-05	0	0.000907475
231	0	4.72748E-05	3.32812E-05	0	0.000868227
232	0	4.495E-05	3.95395E-05	0	0.000832001
233	0	4.34018E-05	4.55545E-05	0	0.000798824
234	0	4.27402E-05	5.12356E-05	0	0.000768662
235	0	4.30588E-05	5.65011E-05	0	0.000741434
236	0	4.44296E-05	6.12777E-05	0	0.000717016
237	0	4.68991E-05	6.55013E-05	0	0.000695252
238	0	5.04857E-05	6.91172E-05	0	0.000675961
239	0	5.48659E-05	7.15359E-05	2.6534E-06	0.000658564
240	0	6.02346E-05	7.31374E-05	5.96278E-06	0.000643131
241	0	6.66691E-05	7.41587E-05	8.69576E-06	0.000629617
242	0	7.40731E-05	7.45911E-05	1.08885E-05	0.000617789
243	0	8.23294E-05	7.44414E-05	1.25845E-05	0.000607416
244	0	9.13047E-05	7.37324E-05	1.38323E-05	0.000598266
245	0	0.000100855	7.25031E-05	1.46828E-05	0.000590112
246	0	0.00011083	7.08082E-05	1.51868E-05	0.000582736
247	0	0.000121079	6.87157E-05	1.53925E-05	0.000575928
248	0	0.000131452	6.63048E-05	1.53444E-05	0.000569492
249	0	0.000141806	6.36617E-05	1.5081E-05	0.000563244
250	0	0.000152005	6.08759E-05	1.46345E-05	0.00055702
251	0	0.000161917	5.80352E-05	1.40302E-05	0.000550675
252	0	0.000171422	5.52222E-05	1.32868E-05	0.000544083
253	0	0.000180404	5.25092E-05	1.24171E-05	0.000537141
254	0	0.000188755	4.99559E-05	1.14292E-05	0.00052977
255	0	0.000196371	4.76059E-05	1.0328E-05	0.000521913
256	0	0.000203154	4.54863E-05	9.11681E-06	0.000513537
257	0	0.000209012	4.36071E-05	7.79942E-06	0.000504627
258	0	0.00021386	4.19623E-05	6.38152E-06	0.00049519
259	0	0.000217622	4.05319E-05	4.87243E-06	0.000485249
260	0	0.00022023	3.92851E-05	3.28631E-06	0.00047484
261	0	0.000221634	3.8184E-05	1.64304E-06	0.00046401
262	0	0.000221794	3.71809E-05	0	0.000452809
263	0	0.000220506	3.59043E-05	0	0.000441065
264	0	0.000217973	3.46649E-05	0	0.000429079
265	0	0.000214231	3.34447E-05	0	0.000416917
266	0	0.000209341	3.22375E-05	0	0.000404642
267	0	0.000203389	3.10509E-05	0	0.000392316
268	0	0.000196483	2.99069E-05	0	0.000379994
269	0	0.00018875	2.88419E-05	0	0.00036773
270	0	0.000180333	2.79054E-05	0	0.000355571
271	0	0.000171387	2.71586E-05	0	0.000343561
272	0	0.000162067	2.66715E-05	0	0.000331742
273	0	0.000152529	2.65201E-05	0	0.000320152
274	0	0.000142922	2.6783E-05	0	0.00030883
275	0	0.000133378	2.75377E-05	0	0.000297811
276	0	0.000124014	2.88565E-05	0	0.000287133
277	0	0.000114924	3.0803E-05	0	0.000276834
278	0	0.000106178	3.34281E-05	0	0.00026695
279	0	9.78214E-05	3.67667E-05	0	0.000257521
280	0	8.96488E-05	4.04379E-05	1.92467E-06	0.000248309
281	0	8.18506E-05	4.47698E-05	4.148E-06	0.000239585
282	0	7.44467E-05	4.97991E-05	6.34086E-06	0.00023143
283	0	6.74109E-05	5.54817E-05	8.44374E-06	0.000223887
284	0	6.07077E-05	6.17455E-05	1.04037E-05	0.000216993
285	0	5.42972E-05	6.8491E-05	1.21771E-05	0.000210777
286	0	4.81406E-05	7.55923E-05	1.37319E-05	0.000205261
287	0	4.22046E-05	8.28989E-05	1.50491E-05	0.000200458
288	0	3.64655E-05	9.02402E-05	1.61236E-05	0.000196367
289	0	3.09125E-05	9.74296E-05	1.69647E-05	0.000192977
290	0	2.55492E-05	0.000104271	1.75944E-05	0.000190264
291	0	2.03939E-05	0.000110566	1.80467E-05	0.000188192
292	0	1.54788E-05	0.00011612	1.83647E-05	0.000186712
293	0	1.08476E-05	0.000120752	1.85977E-05	0.000185768
294	0	6.55181E-06	0.0001243	1.8798E-05	0.000185293
295	0	2.64708E-06	0.000126631	1.90175E-05	0.000185217
296	0	0	0.000127441	1.92913E-05	0.000185409
297	0	0	0.000126332	1.96392E-05	0.0001857
298	0	0	0.000123952	2.01346E-05	0.000186225
299	0	0	0.000120328	2.07976E-05	0.000186933
300	0	0	0.000115524	2.16356E-05	0.000187781
301	0	0	0.000109637	2.26429E-05	0.000188739
302	0	0	0.000102794	2.38013E-05	0.000189791
303	0	0	9.5146E-05	2.50821E-05	0.000190934
304	0	0	8.68618E-05	2.64477E-05	0.000192176
305	0	0	7.81206E-05	2.78545E-05	0.000193537
306	0	0	6.91057E-05	2.92558E-05	0.000195044
307	0	0	5.99971E-05	3.06049E-05	0.000196726
308	0	0	5.09663E-05	3.1858E-05	0.000198613
309	0	0	4.21703E-05	3.29764E-05	0.000200732
310	0	2.06015E-06	3.32332E-05	3.38963E-05	0.000202944
311	0	4.65057E-06	2.46549E-05	3.4619E-05	0.000205371
312	0	7.41718E-06	1.66182E-05	3.51365E-05	0.000208032
313	0	1.03842E-05	9.18745E-06	3.5444E-05	0.000210903
314	0	1.35881E-05	2.40046E-06	3.55454E-05	0.000213945
315	0	1.36935E-05	0	3.50805E-05	0.000217152
316	0	1.25402E-05	0	3.42632E-05	0.000220434
317	0	1.23245E-05	0	3.33509E-05	0.00022369
318	0	1.30453E-05	0	3.23633E-05	0.000226848
319	0	1.46783E-05	0	3.13197E-05	0.000229832
320	0	1.71738E-05	0	3.02379E-05	0.000232575
321	0	2.04569E-05	0	2.9133E-05	0.000235018
322	0	2.4428E-05	0	2.80173E-05	0.000237116
323	0	2.89647E-05	0	2.68991E-05	0.000238837
324	0	3.39253E-05	0	2.57832E-05	0.000240166
325	0	3.91533E-05	0	2.4671E-05	0.000241103
326	0	4.44832E-05	0	2.35606E-05	0.000241664
327	0	4.97473E-05	0	2.24481E-05	0.000241878
328	0	5.47828E-05	0	2.13277E-05	0.000241786
329	0	5.94394E-05	0	2.01933E-05	0.000241438
330	0	6.35867E-05	0	1.90387E-05	0.000240887
331	0	6.71201E-05	0	1.78593E-05	0.000240191

332	0	6.9967E-05	0	1.66521E-05	0.000239409
333	0	7.20904E-05	0	1.54166E-05	0.000238598
334	0	7.34912E-05	0	1.41554E-05	0.000237809
335	0	7.42088E-05	0	1.28738E-05	0.00023709
336	0	7.43197E-05	0	1.15807E-05	0.000236481
337	0	7.39341E-05	0	1.02873E-05	0.000236017
338	0	7.31908E-05	0	9.00727E-06	0.00023572
339	0	7.22514E-05	0	7.75594E-06	0.000235608
340	0	6.6498E-05	5.28958E-06	6.02291E-06	0.00023575
341	0	5.55014E-05	1.65443E-05	3.75707E-06	0.000236151
342	0	4.32976E-05	2.95107E-05	1.39695E-06	0.000236743
343	0	2.98749E-05	4.40376E-05	0	0.000237355
344	0	1.53087E-05	6.00669E-05	0	0.000237892
345	0	0	7.78497E-05	0	0.000238503
346	0	0	9.32933E-05	0	0.000237918
347	0	0	0.000110204	0	0.000237273
348	0	0	0.000128449	0	0.000236525
349	0	0	0.00014784	0	0.000235632
350	0	0	0.000168131	0	0.000234555
351	0	0	0.00018902	0	0.000233262
352	0	0	0.000210162	0	0.000231728
353	0	0	0.000231174	0	0.000229941
354	0	0	0.000251649	0	0.000227898
355	0	0	0.000271168	0	0.000225609
356	0	0	0.00028932	0	0.000223095
357	0	0	0.000305714	0	0.000220385
358	0	0	0.000319997	0	0.000217517
359	0	0	0.000331868	0	0.000214531
360	0	0	0.00034109	0	0.00021147
361	0	0	0.000347502	0	0.000208376
362	0	0	0.000351021	0	0.000205287
363	0	0	0.000351646	0	0.000202237
364	0	0	0.000349459	0	0.00019925
365	0	0	0.000344613	0	0.000196348
366	0	0	0.000337328	0	0.000193546
367	0	0	0.000327875	0	0.000190852
368	0	0	0.000316568	0	0.000188274
369	0	0	0.000303741	0	0.000185817
370	0	0	0.00028974	0	0.000183488
371	0	0	0.000274906	0	0.000181294
372	1.50498E-06	0	0.000259553	0	0.000179235
373	9.43865E-06	0	0.00024395	0	0.00017728
374	1.71098E-05	0	0.000228393	0	0.000175504
375	2.43494E-05	0	0.000213103	0	0.000173926
376	3.09939E-05	0	0.000198261	0	0.000172562
377	3.68917E-05	0	0.000184005	0	0.000171427
378	4.19095E-05	0	0.000170438	0	0.000170529
379	4.59378E-05	0	0.000157629	0	0.00016987
380	4.88957E-05	0	0.000145622	0	0.000169443
381	4.79075E-05	7.58989E-06	0.000131966	2.39673E-06	0.000168307
382	4.46865E-05	1.53879E-05	0.000118862	5.80289E-06	0.000167199
383	4.06188E-05	2.25695E-05	0.000106809	8.97601E-06	0.000166326
384	3.58168E-05	2.9184E-05	9.58099E-05	1.18567E-05	0.000165651
385	3.04198E-05	3.52805E-05	8.58682E-05	1.43872E-05	0.000165135
386	2.4588E-05	4.09057E-05	7.69916E-05	1.65129E-05	0.000164739
387	1.84956E-05	4.61013E-05	6.91912E-05	1.81842E-05	0.000164426
388	1.23218E-05	5.09031E-05	6.24813E-05	1.93585E-05	0.000164168
389	6.24354E-06	5.53402E-05	5.68766E-05	2.00012E-05	0.000163945
390	4.27015E-07	5.94353E-05	5.23893E-05	2.00883E-05	0.00016375
391	0	6.31767E-05	4.9073E-05	1.93194E-05	0.000163591
392	0	6.66048E-05	4.68737E-05	1.79884E-05	0.000163485
393	0	6.97291E-05	4.57672E-05	1.61385E-05	0.000163465
394	0	7.25526E-05	4.57167E-05	1.37998E-05	0.000163572
395	0	7.50747E-05	4.6667E-05	1.10136E-05	0.000163858
396	0	7.72919E-05	4.8543E-05	7.83133E-06	0.000164378
397	0	7.91981E-05	5.12505E-05	4.31324E-06	0.000165188
398	0	8.0785E-05	5.46775E-05	5.27002E-07	0.000166341
399	0	8.16368E-05	5.79855E-05	0	0.000167389
400	0	8.20732E-05	6.16133E-05	0	0.000168771
401	0	8.21549E-05	6.5538E-05	0	0.000170594
402	0	8.18816E-05	6.96242E-05	0	0.000172882
403	0	8.12548E-05	7.37363E-05	0	0.00017564
404	0	8.02793E-05	7.77424E-05	0	0.000178862
405	0	7.89644E-05	8.15177E-05	0	0.000182529
406	0	7.73255E-05	8.49472E-05	0	0.000186612
407	0	7.53852E-05	8.79277E-05	0	0.000191075
408	0	7.31743E-05	9.03697E-05	0	0.000195879
409	0	7.07327E-05	9.21983E-05	0	0.000200983
410	0	6.81095E-05	9.33531E-05	0	0.000206349
411	0	6.53626E-05	9.37881E-05	0	0.000211943
412	0	6.25576E-05	9.34716E-05	0	0.00021774
413	0	5.97662E-05	9.23847E-05	0	0.000223719
414	0	5.70639E-05	9.0521E-05	0	0.00022987
415	0	5.45268E-05	8.78855E-05	0	0.000236188
416	0	5.22286E-05	8.44942E-05	0	0.000242675
417	0	5.02371E-05	8.03731E-05	0	0.000249334
418	0	4.86103E-05	7.55582E-05	0	0.000256172
419	0	4.73932E-05	7.00951E-05	0	0.000263191
420	0	4.66149E-05	6.4039E-05	0	0.00027039
421	0	4.62861E-05	5.74545E-05	0	0.000277762
422	0	4.63974E-05	5.04148E-05	0	0.000285288
423	0	4.69191E-05	4.3002E-05	0	0.00029294
424	0	4.78011E-05	3.53056E-05	0	0.000300677
425	0	4.89748E-05	2.74213E-05	0	0.000308448
426	0	5.0355E-05	1.94497E-05	0	0.00031619
427	0	5.18443E-05	1.14937E-05	0	0.000323828
428	0	5.33364E-05	3.65647E-06	0	0.000331283
429	0	5.10087E-05	0	0	0.000338461
430	0	4.53332E-05	0	0	0.000345276
431	0	3.97165E-05	0	0	0.000351649
432	0	3.41397E-05	0	0	0.000357497
433	0	2.85878E-05	0	0	0.000362746
434	0	2.30517E-05	0	0	0.00036733

435	0	1.75293E-05	0	0	0.000371197
436	0	1.20274E-05	0	0	0.000374306
437	0	6.5615E-06	0	0	0.000376632
438	0	1.15626E-06	0	0	0.000378162
439	0	0	0	0	0.000378475
440	0	0	0	0	0.000377904
441	0	0	0	0	0.000376594
442	0	0	0	0	0.000374584
443	0	0	0	0	0.000371919
444	0	0	0	0	0.000368647
445	0	0	0	0	0.000364822
446	0	0	0	0	0.000360497
447	0	0	0	0	0.000355726
448	0	0	0	0	0.00035056
449	0	0	0	0	0.000345052
450	0	0	0	0	0.000339252
451	0	0	0	0	0.00033321
452	0	0	0	0	0.000326977
453	0	0	0	0	0.000320603
454	0	0	0	0	0.000314141
455	0	0	0	0	0.000307646
456	0	0	0	0	0.000301176
457	0	0	0	0	0.00029479
458	0	0	0	0	0.000288552
459	0	0	0	0	0.000282529
460	0	0	0	0	0.00027679
461	0	0	0	0	0.000271404
462	0	0	0	0	0.000266445
463	0	0	0	0	0.000261985
464	0	0	0	0	0.000258097
465	0	0	0	0	0.000254851
466	0	0	0	0	0.000252319
467	0	0	0	0	0.000250568
468	0	0	0	0	0.00024966
469	0	0	0	0	0.000249655
470	0	0	0	0	0.000250605
471	0	0	0	0	0.000252556
472	0	0	0	0	0.000255545
473	0	0	0	0	0.000259599
474	0	0	0	0	0.000264735
475	0	0	4.72605E-07	0	0.000270912
476	0	0	4.2283E-06	0	0.00027785
477	0	0	8.39163E-06	0	0.000285812
478	0	0	1.30252E-05	0	0.000294765
479	0	0	1.8185E-05	0	0.000304665
480	0	0	2.39159E-05	0	0.000315467
481	0	0	3.02469E-05	0	0.000327121
482	0	0	3.71864E-05	0	0.000339582
483	0	0	4.47188E-05	0	0.000352809
484	0	0	5.28011E-05	0	0.000366775
485	0	0	6.13611E-05	0	0.000381465
486	0	0	7.02969E-05	0	0.000396884
487	0	0	7.94784E-05	0	0.000413057
488	0	0	8.875E-05	0	0.000430032
489	0	0	9.79348E-05	0	0.000447877
490	0	0	0.000106841	0	0.000466684
491	0	0	0.000115268	0	0.000486558
492	0	0	0.000123016	0	0.000507618
493	7.85105E-06	0	0.000129849	0	0.000529921
494	1.64428E-05	0	0.000135628	0	0.000553649
495	2.55116E-05	0	0.0001402	0	0.000578917
496	3.50552E-05	0	0.000143437	0	0.000605813
497	4.50751E-05	0	0.000145245	0	0.000634397
498	5.55737E-05	0	0.000145567	0	0.00066469
499	6.65505E-05	0	0.000144381	0	0.000696666
500	7.79965E-05	0	0.000141699	0	0.000730244
501	8.98894E-05	0	0.00013757	0	0.000765284
502	0.000102187	0	0.000132068	0	0.000801588
503	0.000114821	0	0.000125295	0	0.000838895
504	0.000127694	0	0.000117372	0	0.000876889
505	0.000140676	0	0.000108434	0	0.000915204
506	0.000153602	0	9.86251E-05	0	0.000953431
507	0.000166274	0	8.80971E-05	0	0.000991132
508	0.000178466	0	7.70036E-05	0	0.001027856
509	0.000189931	0	6.54985E-05	0	0.001063145
510	0.000196011	0	5.28E-05	4.0673E-06	0.001095982
511	0.000200263	0	3.98716E-05	8.66879E-06	0.001126458
512	0.000203416	0	2.70717E-05	1.28951E-05	0.001154338
513	0.000205343	0	1.45692E-05	1.66542E-05	0.001179326
514	0.000205943	0	2.52847E-06	1.98628E-05	0.001201192
515	0.000206065	0	0	2.10907E-05	0.001219146
516	0.000204958	0	0	2.13725E-05	0.001233622
517	0.000202377	0	0	2.10777E-05	0.00124481
518	0.000198393	0	0	2.02068E-05	0.001252799
519	0.000193135	0	0	1.87786E-05	0.001257743
520	0.000186781	0	0	1.68306E-05	0.001259859
521	0.000179563	0	0	1.44185E-05	0.001259413
522	0.00017175	0	0	1.16152E-05	0.001256713
523	0.000163647	0	0	8.50912E-06	0.001252089
524	0.000155575	0	0	5.20214E-06	0.00124589
525	0.000147863	0	0	1.80664E-06	0.001238464
526	0.000139128	0	0	0	0.001229902
527	0.000129567	0	0	0	0.001220516
528	0.000121561	0	0	0	0.001210936
529	0.000115461	0	0	0	0.001201469
530	0.000111554	0	0	0	0.001192394
531	0.000110049	0	0	0	0.001183966
532	0.00011107	0	0	0	0.001176413
533	0.000114649	0	0	0	0.00116994
534	0.000120724	0	0	0	0.001164731
535	0.000129143	0	0	0	0.001160953
536	0.00013967	0	0	0	0.001158755
537	0.000151991	0	0	0	0.001158273

538	0.000165734	0	0	0	0.001159631
539	0.00017516	0	0	4.85262E-06	0.001162138
540	0.000183705	0	0	1.10119E-05	0.00116647
541	0.000191539	0	0	1.79048E-05	0.001172797
542	0.000198287	0	0	2.54614E-05	0.001181184
543	0.000203612	0	0	3.36072E-05	0.001191668
544	0.000207221	0	0	4.22661E-05	0.00120426
545	0.000208882	0	0	5.13631E-05	0.001218934
546	0.000208431	0	0	6.08275E-05	0.001235628
547	0.000205783	0	0	7.05942E-05	0.001254239
548	0.000200928	0	0	8.06052E-05	0.001274619
549	0.000193942	0	0	9.08099E-05	0.001296583
550	0.000184978	0	0	0.000101165	0.001319903
551	0.000174266	0	0	0.000111633	0.001344317
552	0.000162106	0	0	0.000122181	0.001369531
553	0.000148863	0	0	0.000132777	0.001395226
554	0.000134952	0	0	0.000143389	0.001421066
555	0.000120837	0	0	0.00015398	0.001446702
556	0.000107014	0	0	0.000164507	0.001471784
557	9.40016E-05	0	0	0.000174916	0.001495964
558	8.23334E-05	0	0	0.000185142	0.001518903
559	7.25425E-05	0	0	0.000195105	0.001540278
560	6.51515E-05	0	0	0.00020471	0.001559788
561	6.06605E-05	0	0	0.000213849	0.001577152
562	5.95347E-05	0	0	0.000222398	0.001592117
563	6.21912E-05	0	0	0.000230224	0.00160446
564	6.89866E-05	0	0	0.000237185	0.001613987
565	8.02046E-05	0	0	0.000243136	0.00162054
566	9.60436E-05	0	0	0.000247936	0.001623993
567	0.000116607	0	0	0.000251453	0.001624258
568	0.000141894	0	0	0.000253568	0.001621289
569	0.000171794	0	0	0.000254187	0.001615079
570	0.000206086	0	0	0.000253245	0.001605669
571	0.000244434	0	0	0.000250708	0.001593146
572	0.000286404	0	0	0.000246582	0.001577648
573	0.000331462	0	0	0.000240914	0.001559363
574	0.000378997	0	0	0.000233791	0.001538532
575	0.000428338	0	0	0.000225339	0.001515445
576	0.000478771	0	0	0.000215721	0.001490436
577	0.000529565	0	0	0.000205127	0.001463882
578	0.000579996	0	0	0.000193773	0.001436189
579	0.000629364	0	0	0.000181884	0.001407788
580	0.000677016	0	0	0.000169693	0.001379116
581	0.000722358	0	0	0.000157422	0.001350609
582	0.000764869	0	0	0.000145281	0.001322679
583	0.000804104	0	0	0.000133453	0.001295709
584	0.000839692	0	0	0.000122089	0.001270029
585	0.00087134	0	0	0.000111308	0.001245907
586	0.000898816	0	0	0.000101184	0.001223537
587	0.000921945	0	0	9.17574E-05	0.001203031
588	0.000940598	0	0	8.30284E-05	0.001184412
589	0.000954679	0	0	7.49664E-05	0.001167615
590	0.000964119	0	0	6.75144E-05	0.001152488
591	0.000968871	0	0	6.05967E-05	0.0011388
592	0.000968908	0	0	5.41272E-05	0.001126252
593	0.000964225	0	0	4.80174E-05	0.001114489
594	0.000954843	0	0	4.21844E-05	0.001103121
595	0.000940821	0	0	3.65574E-05	0.001091737
596	0.000922258	0	0	3.10826E-05	0.001079925
597	0.00089931	0	0	2.57266E-05	0.001067294
598	0.000872192	0	0	2.0478E-05	0.001053487
599	0.000841184	0	0	1.53466E-05	0.001038197
600	0.000806636	0	0	1.03609E-05	0.001021184
601	0.000768964	0	0	5.56464E-06	0.001002274
602	0.000728642	0	0	1.01191E-06	0.000981372
603	0.000682647	0	0	0	0.000957929
604	0.000634377	0	0	0	0.000932425
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606	0.00053689	0	0	0	0.000876329
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608	0.000442214	0	0	0	0.000814961
609	0.000397294	0	0	0	0.000783002
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611	0.000314444	0	0	0	0.0007181
612	0.000277144	0	0	0	0.000685786
613	0.000242883	0	0	0	0.000653965
614	0.000211781	0	0	0	0.000622916
615	0.000183893	0	0	0	0.000592891
616	0.00015921	0	0	0	0.000564117
617	0.000137666	1.47701E-07	0	0	0.000536773
618	0.000118874	6.34176E-06	0	0	0.000510423
619	0.000103029	1.15609E-05	0	0	0.000485906
620	8.99645E-05	1.57529E-05	0	0	0.00046332
621	7.94915E-05	1.8901E-05	0	0	0.000442725
622	7.13606E-05	1.90451E-05	2.11197E-06	0	0.000424137
623	6.53925E-05	1.80829E-05	4.36626E-06	0	0.000407545
624	6.13649E-05	1.62883E-05	6.5586E-06	0	0.000392893
625	5.90468E-05	1.37162E-05	8.74663E-06	0	0.000380093
626	5.82081E-05	1.04434E-05	1.09859E-05	0	0.000369024
627	5.86227E-05	6.56616E-06	1.33268E-05	0	0.000359539
628	6.00725E-05	2.19544E-06	1.58117E-05	0	0.000351467
629	6.22708E-05	0	1.78273E-05	0	0.000344424
630	6.50269E-05	0	1.94206E-05	0	0.00033822
631	6.82348E-05	0	2.11868E-05	0	0.00033283
632	7.17367E-05	0	2.31499E-05	0	0.000328063
633	7.53924E-05	0	2.53174E-05	0	0.000323738
634	7.90789E-05	0	2.76804E-05	0	0.000319686
635	8.269E-05	0	3.02135E-05	0	0.00031576
636	8.61343E-05	0	3.28757E-05	0	0.000311833
637	8.93347E-05	0	3.56125E-05	0	0.000307809
638	9.22255E-05	0	3.83576E-05	0	0.000303617
639	9.47516E-05	0	4.10358E-05	0	0.000299212
640	9.68663E-05	0	4.35661E-05	0	0.000294581

641	9.78968E-05	0	4.57305E-05	5.86738E-07	0.000289648
642	9.74981E-05	0	4.73804E-05	2.04998E-06	0.000284404
643	9.66514E-05	0	4.86528E-05	3.45921E-06	0.000279029
644	9.53433E-05	0	4.94798E-05	4.81138E-06	0.000273588
645	9.35653E-05	0	4.98045E-05	6.10696E-06	0.000268153
646	9.13166E-05	0	4.95837E-05	7.34892E-06	0.000262804
647	8.86063E-05	0	4.87904E-05	8.5414E-06	0.000257619
648	8.54563E-05	0	4.74152E-05	9.68827E-06	0.000252679
649	8.19041E-05	0	4.54677E-05	1.07917E-05	0.00024806
650	7.80036E-05	0	4.29756E-05	1.18508E-05	0.000243832
651	7.38267E-05	0	3.99846E-05	1.28606E-05	0.00024006
652	6.94625E-05	0	3.65557E-05	1.38113E-05	0.000236802
653	6.50155E-05	0	3.27628E-05	1.46883E-05	0.000234108
654	6.06031E-05	0	2.86893E-05	1.54722E-05	0.000232022
655	5.63516E-05	0	2.44245E-05	1.61397E-05	0.000230583
656	5.2391E-05	0	2.00592E-05	1.66649E-05	0.00022982
657	4.885E-05	0	1.56821E-05	1.70211E-05	0.00022976
658	4.585E-05	0	1.13757E-05	1.71821E-05	0.000230421
659	4.34995E-05	0	7.21343E-06	1.71248E-05	0.000231819
660	4.18889E-05	0	3.25657E-06	1.68308E-05	0.000233959
661	4.11316E-05	0	0	1.62195E-05	0.00023681
662	4.1528E-05	0	0	1.49011E-05	0.000240183
663	4.27541E-05	0	0	1.33804E-05	0.000244294
664	4.47919E-05	0	0	1.16716E-05	0.000249116
665	4.75951E-05	0	0	9.79557E-06	0.00025461
666	5.10907E-05	0	0	7.77964E-06	0.000260722
667	5.51812E-05	0	0	5.65674E-06	0.000267389
668	5.97485E-05	0	0	3.46405E-06	0.00027453
669	6.46585E-05	0	0	1.24147E-06	0.000282057
670	6.87029E-05	0	0	0	0.000289707
671	7.14892E-05	0	0	0	0.000297332
672	7.42669E-05	0	0	0	0.000305025
673	7.69257E-05	0	0	0	0.000312667
674	7.93585E-05	0	0	0	0.000320134
675	8.14647E-05	0	0	0	0.000327304
676	8.31528E-05	0	0	0	0.000334055
677	8.43423E-05	0	0	0	0.000340271
678	8.49659E-05	0	0	0	0.000345844
679	8.49705E-05	0	0	0	0.000350675
680	8.43188E-05	0	0	0	0.000354678
681	8.29894E-05	0	0	0	0.000357783
682	8.09776E-05	0	0	0	0.000359935
683	7.8295E-05	0	0	0	0.000361097
684	7.49696E-05	0	0	0	0.000361251
685	7.10453E-05	0	0	0	0.000360397
686	6.65806E-05	0	0	0	0.000358554
687	6.16476E-05	0	0	0	0.000355758
688	5.63306E-05	0	0	0	0.000352061
689	5.07234E-05	0	0	0	0.000347531
690	4.49277E-05	0	0	0	0.000342249
691	3.90498E-05	0	0	0	0.000336305
692	3.31976E-05	0	0	0	0.0003298
693	2.74778E-05	0	0	0	0.000322838
694	2.19918E-05	0	0	0	0.000315529
695	1.68333E-05	0	0	0	0.000307981
696	1.20848E-05	0	0	0	0.000300304
697	7.81522E-06	0	0	0	0.000292603
698	4.07766E-06	0	0	0	0.000284979
699	9.0802E-07	0	0	0	0.000277526
700	0	0	0	0	0.000270316
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702	0	0	0	0	0.000256988
703	0	0	0	0	0.000251013
704	0	0	0	0	0.000245573
705	0	1.19922E-07	0	0	0.000240705
706	0	5.00843E-06	0	0	0.000235972
707	0	9.53489E-06	0	1.09475E-06	0.000231733
708	0	1.36777E-05	0	3.10812E-06	0.000228041
709	0	1.7634E-05	0	5.13698E-06	0.000225041
710	0	2.13279E-05	0	7.14258E-06	0.000222746
711	0	2.4683E-05	0	9.08681E-06	0.000221154
712	0	2.76252E-05	0	1.09338E-05	0.000220252
713	0	3.00865E-05	0	1.26517E-05	0.000220013
714	0	3.20083E-05	0	1.42136E-05	0.000220395
715	0	3.33442E-05	0	1.55995E-05	0.00022134
716	0	3.40626E-05	0	1.67966E-05	0.000222779
717	0	3.41487E-05	0	1.77998E-05	0.000224627
718	0	3.36048E-05	0	1.86124E-05	0.00022679
719	0	3.24508E-05	0	1.92447E-05	0.000229167
720	0	3.07229E-05	0	1.97137E-05	0.000231652
721	0	2.84727E-05	0	2.00413E-05	0.000234139
722	0	2.57642E-05	0	2.02531E-05	0.000236524
723	0	2.26712E-05	0	2.0376E-05	0.000238711
724	0	1.92746E-05	0	2.04362E-05	0.000240616
725	0	1.56586E-05	0	2.04573E-05	0.000242167
726	0	1.19081E-05	0	2.04585E-05	0.000243309
727	0	8.10518E-06	0	2.0453E-05	0.000244003
728	0	4.3273E-06	0	2.04471E-05	0.000244231
729	0	6.44671E-07	0	2.04392E-05	0.000243991
730	0	0	0	2.02694E-05	0.000243032
731	3.16762E-06	0	0	1.98704E-05	0.000241613
732	8.48122E-06	0	0	1.93138E-05	0.000239841
733	1.42155E-05	0	0	1.86723E-05	0.000237773
734	2.02856E-05	0	0	1.79221E-05	0.000235473
735	2.65865E-05	0	0	1.70393E-05	0.00023301
736	3.29956E-05	0	0	1.60016E-05	0.000230453
737	3.9376E-05	0	0	1.47904E-05	0.000227873
738	4.55806E-05	0	0	1.33919E-05	0.000225337
739	5.14579E-05	0	0	1.17991E-05	0.000222909
740	5.68578E-05	0	0	1.00117E-05	0.000220645
741	6.1638E-05	0	0	8.03755E-06	0.000218597
742	6.56701E-05	0	0	5.89199E-06	0.00021681
743	6.88457E-05	0	0	3.59789E-06	0.000215319

744	7.10805E-05	0	0	1.18488E-06	0.000214154
745	7.0882E-05	0	0	0	0.000213118
746	6.83159E-05	0	0	0	0.000212238
747	6.47334E-05	0	0	0	0.000211719
748	6.02198E-05	0	0	0	0.000211565
749	5.48889E-05	0	0	0	0.00021177
750	4.88773E-05	0	0	0	0.000212322
751	4.23388E-05	0	0	0	0.000213201
752	3.54298E-05	0	1.17773E-07	0	0.00021437
753	2.81694E-05	0	2.647E-06	0	0.000215574
754	2.0848E-05	0	5.64708E-06	0	0.000216964
755	1.36221E-05	0	9.10594E-06	0	0.000218501
756	6.63522E-06	0	1.29916E-05	0	0.000220143
757	1.41053E-08	0	1.72515E-05	0	0.000221853
758	0	0	2.17806E-05	0	0.00022354
759	0	2.55086E-06	2.58768E-05	0	0.000225032
760	0	6.22154E-06	2.97966E-05	0	0.000226407
761	0	1.0299E-05	3.36014E-05	0	0.000227696
762	0	1.47568E-05	3.71701E-05	0	0.000228877
763	0	1.95469E-05	4.03836E-05	0	0.000229934
764	0	2.45998E-05	4.31296E-05	0	0.000230855
765	0	2.9826E-05	4.53084E-05	0	0.000231632
766	0	3.51191E-05	4.68367E-05	0	0.000232259
767	0	4.03597E-05	4.76523E-05	0	0.00023273
768	0	4.54209E-05	4.77161E-05	0	0.000233041
769	0	5.01736E-05	4.70146E-05	0	0.000233188
770	0	5.44931E-05	4.55599E-05	0	0.000233166
771	0	5.82644E-05	4.33891E-05	0	0.00023297
772	0	6.13288E-05	4.04587E-05	5.03728E-07	0.000232525
773	0	6.33602E-05	3.64181E-05	3.60403E-06	0.000231531
774	0	6.46192E-05	3.1919E-05	6.6015E-06	0.000230376
775	0	6.50791E-05	2.70791E-05	9.44813E-06	0.000229075
776	0	6.47372E-05	2.2021E-05	1.21021E-05	0.000227653
777	0	6.36139E-05	1.68678E-05	1.45287E-05	0.00022614
778	0	6.17498E-05	1.17376E-05	1.66999E-05	0.00022458
779	0	5.92028E-05	6.73963E-06	1.85948E-05	0.000223031
780	0	5.6043E-05	1.97074E-06	2.01987E-05	0.000221559
781	0	5.00945E-05	0	2.12545E-05	0.000220279
782	0	4.22483E-05	0	2.1846E-05	0.000219271
783	0	3.44147E-05	0	2.2172E-05	0.000218616
784	0	2.66977E-05	0	2.22357E-05	0.000218423
785	0	1.91794E-05	0	2.20398E-05	0.000218804
786	0	1.19188E-05	0	2.15867E-05	0.000219869
787	0	4.95288E-06	0	2.08778E-05	0.000221723
788	0	0	0	1.98253E-05	0.000224299
789	0	0	0	1.82767E-05	0.000227396
790	0	0	0	1.64943E-05	0.000231519
791	0	0	0	1.44823E-05	0.000236688
792	0	0	0	1.22483E-05	0.000242886
793	0	0	0	9.80402E-06	0.000250066
794	0	0	0	7.16643E-06	0.000258143
795	0	0	0	4.35794E-06	0.000267003
796	0	0	0	1.40652E-06	0.000276499
797	0	0	0	0	0.000286168
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820	0	0	0	0	0.000314295
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832	0	0	0	0	0.000217427
833	0	0	0	0	0.000213052
834	0	0	0	0	0.00020959
835	0	0	0	0	0.000207042
836	0	0	0	0	0.000205387
837	0	0	0	0	0.000204574
838	0	0	0	0	0.000204531
839	0	0	0	0	0.000205164
840	0	0	2.24242E-06	0	0.000206143
841	0	0	5.02182E-06	0	0.000207505
842	0	0	7.87028E-06	0	0.000209158
843	0	0	1.07591E-05	0	0.00021096
844	3.20311E-06	0	1.3633E-05	0	0.00021274
845	8.43234E-06	0	1.64516E-05	0	0.000214369
846	1.38278E-05	0	1.91708E-05	0	0.000215732

847	1.9288E-05	0	2.17326E-05	0	0.00021671
848	2.47007E-05	0	2.40765E-05	0	0.000217199
849	2.99481E-05	0	2.61434E-05	0	0.000217115
850	3.49115E-05	0	2.78782E-05	0	0.000216391
851	3.94773E-05	0	2.92331E-05	0	0.000214984
852	4.35416E-05	0	3.0171E-05	0	0.000212872
853	4.70162E-05	0	3.06677E-05	0	0.000210057
854	4.98323E-05	0	3.07134E-05	0	0.00020656
855	5.19441E-05	0	3.03143E-05	0	0.000202425
856	5.33309E-05	0	2.94925E-05	0	0.000197713
857	5.39975E-05	0	2.82853E-05	0	0.000192501
858	5.39742E-05	0	2.67439E-05	0	0.000186878
859	5.33138E-05	0	2.49311E-05	0	0.000180946
860	5.20889E-05	0	2.29187E-05	0	0.00017481
861	5.03873E-05	0	2.07841E-05	0	0.000168582
862	4.83066E-05	0	1.86075E-05	0	0.000162372
863	4.59492E-05	0	1.64684E-05	0	0.000156288
864	4.34163E-05	0	1.44425E-05	0	0.000150433
865	4.08029E-05	0	1.25991E-05	0	0.000144902
866	3.81935E-05	0	1.09989E-05	0	0.00013978
867	3.28034E-05	0	9.08455E-06	2.64147E-06	0.000134766
868	2.69847E-05	0	7.38357E-06	5.79684E-06	0.000130227
869	2.13307E-05	0	6.04049E-06	8.949E-06	0.000126286
870	1.59087E-05	0	5.07896E-06	1.20508E-05	0.000122989
871	1.0773E-05	0	4.51082E-06	1.50505E-05	0.000120368
872	5.96618E-06	0	4.33621E-06	1.78932E-05	0.000118447
873	1.51996E-06	0	4.54387E-06	2.05223E-05	0.000117239
874	0	0	5.13261E-06	2.27341E-05	0.000116744
875	0	0	6.05803E-06	2.45568E-05	0.000116959
876	0	0	7.26507E-06	2.60289E-05	0.00011787
877	0	0	8.70235E-06	2.71078E-05	0.000119459
878	0	0	1.03106E-05	2.7759E-05	0.000121702
879	0	0	1.20238E-05	2.79581E-05	0.000124573
880	0	0	1.37708E-05	2.76917E-05	0.000128045
881	0	0	1.54769E-05	2.69587E-05	0.000132091
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883	0	0	1.84625E-05	2.41452E-05	0.000141801
884	0	0	1.95943E-05	2.21181E-05	0.000147424
885	0	0	2.03946E-05	1.9728E-05	0.000153537
886	0	0	2.08047E-05	1.70212E-05	0.000160131
887	0	3.02548E-07	2.07001E-05	1.40432E-05	0.000167179
888	0	6.42423E-07	2.01105E-05	1.08503E-05	0.000174703
889	0	7.60556E-07	1.90773E-05	7.49826E-06	0.000182727
890	0	6.42015E-07	1.75953E-05	4.03675E-06	0.000191262
891	0	2.70774E-07	1.56742E-05	5.11557E-07	0.000200319
892	0	0	1.25287E-05	0	0.000209423
893	0	0	8.7474E-06	0	0.000218954
894	0	0	4.57196E-06	0	0.00022902
895	0	0	6.39322E-08	0	0.000239624
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921	1.39971E-05	0	0	0	0.000521681
922	3.86989E-05	0	0	0	0.000526865
923	6.62649E-05	0	0	0	0.000531542
924	9.65421E-05	0	0	0	0.000535711
925	0.000129277	0	0	0	0.000539362
926	0.000164109	0	0	0	0.000542481
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929	0.000276011	0	0	0	0.000548459
930	0.000313584	0	0	0	0.000549274
931	0.000350019	0	0	0	0.000549493
932	0.000384495	0	0	0	0.000549127
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934	0.000444345	0	0	0	0.000546774
935	0.000468236	0	0	0	0.000544895
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945	0.000416254	0	0	0	0.000523809
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947	0.000356722	0	0	0	0.000524546
948	0.000325068	0	0	0	0.000525982
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953	0.000174483	0	0	0	0.000543381
954	0.000149123	0	0	0	0.000548575
955	0.00012593	0	0	0	0.000554182
956	0.000104954	0	0	0	0.000560123
957	8.61686E-05	0	0	0	0.000566322
958	6.94836E-05	0	0	0	0.000572705
959	5.47648E-05	0	0	0	0.000579204
960	4.18489E-05	0	0	0	0.000585757
961	3.05587E-05	0	0	0	0.000592311
962	2.07158E-05	0	0	0	0.00059882
963	1.215E-05	0	0	0	0.000605242
964	4.70602E-06	0	0	0	0.000611539
965	0	0	0	0	0.000617661
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1003	0	0	3.1144E-05	0	0.000429977
1004	0	0	3.81208E-05	0	0.000427998
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1011	0	0	7.25072E-05	0	0.000438555
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1013	0	4.56549E-06	7.632E-05	0	0.000446709
1014	0	1.12683E-05	7.63962E-05	0	0.000450939
1015	0	1.8201E-05	7.59784E-05	0	0.000455378
1016	0	2.52432E-05	7.51186E-05	0	0.000459973
1017	0	3.22744E-05	7.38615E-05	0	0.000464677
1018	0	3.91767E-05	7.22415E-05	0	0.000469458
1019	0	4.5838E-05	7.0282E-05	0	0.000474295
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1022	0	6.33937E-05	6.24387E-05	0	0.000489105
1023	0	6.81661E-05	5.91507E-05	0	0.000494183
1024	0	7.22956E-05	5.55042E-05	0	0.000499373
1025	0	7.57407E-05	5.1485E-05	0	0.000504709
1026	6.80742E-06	7.83875E-05	4.70679E-05	0	0.000510172
1027	1.9866E-05	8.02268E-05	4.22503E-05	0	0.000515801
1028	3.2828E-05	8.12026E-05	3.68208E-05	1.11678E-06	0.000521515
1029	4.49897E-05	8.1266E-05	3.06827E-05	3.89965E-06	0.000527263
1030	5.74697E-05	8.05601E-05	2.41032E-05	7.16115E-06	0.000533218
1031	7.00776E-05	7.91165E-05	1.71223E-05	1.08833E-05	0.000539386
1032	8.25926E-05	7.69781E-05	9.79279E-06	1.50337E-05	0.000545762
1033	9.47681E-05	7.41979E-05	2.17867E-06	1.95659E-05	0.000552327
1034	0.000106865	6.57227E-05	0	2.3829E-05	0.00055912
1035	0.000118297	5.46466E-05	0	2.81029E-05	0.000566058
1036	0.000128576	4.3098E-05	0	3.25464E-05	0.000573061
1037	0.000137431	3.12386E-05	0	3.70847E-05	0.000580066
1038	0.000144612	1.92329E-05	0	4.164E-05	0.000587004
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1041	0.000154373	0	0	5.37947E-05	0.000605247
1042	0.000153335	0	0	5.70931E-05	0.000610239
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1044	0.000144725	0	0	6.27653E-05	0.000619315
1045	0.0001374	0	0	6.5064E-05	0.000623405
1046	0.000128336	0	0	6.6967E-05	0.000627233
1047	0.000117813	0	0	6.84553E-05	0.000630857
1048	0.000106158	0	0	6.95155E-05	0.000634358
1049	9.37296E-05	0	0	7.01398E-05	0.000637835
1050	8.09058E-05	0	0	7.03248E-05	0.000641407
1051	6.80672E-05	0	0	7.0071E-05	0.000645208
1052	5.55813E-05	0	0	6.93827E-05	0.000649378

1053	4.37866E-05	0	0	6.82679E-05	0.000654061
1054	3.29796E-05	0	0	6.67387E-05	0.000659399
1055	2.3403E-05	0	0	6.48115E-05	0.000665521
1056	1.52372E-05	0	0	6.25077E-05	0.000672542
1057	8.59555E-06	0	0	5.9854E-05	0.000680553
1058	3.52224E-06	0	0	5.68821E-05	0.000689616
1059	0	0	0	5.36289E-05	0.000699763
1060	0	0	0	5.00197E-05	0.000710993
1061	0	0	0	4.62913E-05	0.000723265
1062	0	0	0	4.24806E-05	0.000736506
1063	0	0	0	3.86232E-05	0.00075061
1064	9.32728E-07	0	0	3.46996E-05	0.000765447
1065	3.41314E-06	0	0	3.07042E-05	0.000780859
1066	6.11741E-06	0	0	2.67372E-05	0.000796676
1067	8.82726E-06	0	0	2.28308E-05	0.000812717
1068	1.13483E-05	0	0	1.90109E-05	0.000828803
1069	1.35162E-05	0	0	1.52969E-05	0.000844761
1070	1.52011E-05	0	0	1.17025E-05	0.000860434
1071	1.63093E-05	0	0	8.23681E-06	0.000875683
1072	1.67835E-05	0	0	4.90648E-06	0.000890398
1073	1.66012E-05	0	0	1.71756E-06	0.000904497
1074	1.41469E-05	0	2.73005E-06	0	0.000917444
1075	9.30487E-06	0	6.60013E-06	0	0.000929331
1076	4.14988E-06	0	9.88317E-06	0	0.000940614
1077	0	0	1.25389E-05	0	0.000951312
1078	0	0	1.45327E-05	0	0.000961446
1079	0	0	1.58841E-05	0	0.000971108
1080	0	0	1.66048E-05	0	0.000980355
1081	0	0	1.67193E-05	0	0.000989237
1082	0	0	1.62634E-05	0	0.00099779
1083	0	0	1.52812E-05	0	0.001006032
1084	0	0	1.38233E-05	0	0.001013953
1085	0	0	1.19436E-05	0	0.001021519
1086	0	0	9.69699E-06	0	0.001028667
1087	0	5.77406E-06	5.67274E-06	0	0.001034865
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1089	0	1.43281E-05	0	0	0.001045293
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1091	0	1.43332E-05	0	0	0.00105248
1092	3.14258E-06	1.28678E-05	0	0	0.001054547
1093	1.53187E-05	1.02468E-05	0	0	0.00105541
1094	2.76631E-05	6.09719E-06	0	1.53049E-06	0.00105485
1095	3.9764E-05	3.26802E-07	0	4.91198E-06	0.001052785
1096	5.3673E-05	0	0	7.88298E-06	0.001048878
1097	6.93098E-05	0	0	1.06361E-05	0.001043663
1098	8.66164E-05	0	0	1.31177E-05	0.00103728
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1103	0.000194538	0	0	1.97119E-05	0.000994471
1104	0.000219409	0	0	1.96885E-05	0.000985475
1105	0.000245004	0	0	1.92134E-05	0.000976983
1106	0.000271166	0	0	1.83055E-05	0.000969266
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1126	0.000791373	0	0	0	0.001078476
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1136	0.000917179	0	0	0	0.001174263
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1138	0.000911551	0	0	1.115E-07	0.001191764
1139	0.000900043	0	0	5.32812E-06	0.001200137
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1373	0	0	0	4.40777E-06	0.000132102
1374	0	0	0	5.45958E-06	0.00012866
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1376	0	0	0	8.03007E-06	0.000122856
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1384	0	0	0	2.2426E-05	0.000114931
1385	0	0	0	2.40857E-05	0.000115552
1386	3.09313E-06	0	0	2.53713E-05	0.000116476
1387	8.13511E-06	0	0	2.62982E-05	0.000117672
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1389	1.89966E-05	0	0	2.71969E-05	0.000120754
1390	2.46458E-05	0	0	2.71182E-05	0.000122568
1391	3.03079E-05	0	0	2.66738E-05	0.000124513
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1393	4.12422E-05	0	0	2.47265E-05	0.000128625
1394	4.63065E-05	0	0	2.32767E-05	0.000130709
1395	5.09787E-05	0	0	2.15655E-05	0.000132757
1396	5.5185E-05	0	0	1.96486E-05	0.000134728
1397	5.88713E-05	0	0	1.75895E-05	0.000136587
1398	6.20058E-05	0	0	1.54573E-05	0.000138304
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1715	0	0	0	2.60188E-05	0.000333029
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1717	0	0	0	3.60796E-05	0.000343794
1718	0	0	0	4.1088E-05	0.000347944
1719	0	0	0	4.59628E-05	0.000351249
1720	0	0	0	5.06069E-05	0.000353727
1721	0	0	0	5.49202E-05	0.000355426
1722	0	0	0	5.88034E-05	0.000356425
1723	0	0	0	6.21612E-05	0.000356825
1724	2.25464E-06	0	0	6.47788E-05	0.000356756
1725	4.36547E-06	0	0	6.6717E-05	0.000356356
1726	5.86626E-06	0	0	6.79424E-05	0.000355781
1727	6.70565E-06	0	0	6.8417E-05	0.000355186
1728	6.85429E-06	0	0	6.81227E-05	0.000354728
1729	6.30497E-06	0	0	6.70631E-05	0.000354549
1730	5.0715E-06	0	0	6.52649E-05	0.000354776
1731	3.18642E-06	0	0	6.27772E-05	0.000355513
1732	6.97693E-07	0	0	5.96715E-05	0.000356835
1733	0	0	0	5.59068E-05	0.000358791
1734	0	0	0	5.16581E-05	0.000361394
1735	0	0	0	4.70921E-05	0.000364623
1736	0	0	0	4.23459E-05	0.000368434
1737	0	0	0	3.7562E-05	0.000372751
1738	0	0	0	3.28832E-05	0.000377483
1739	0	0	0	2.84478E-05	0.00038252
1740	0	0	0	2.43841E-05	0.000387744
1741	0	0	0	2.08066E-05	0.000393033
1742	0	0	0	1.78115E-05	0.00039827
1743	0	0	0	1.54735E-05	0.000403343
1744	0	0	0	1.38436E-05	0.000408151
1745	0	0	0	1.29465E-05	0.00041261
1746	0	0	0	1.27812E-05	0.000416648
1747	0	0	0	1.33199E-05	0.00042021
1748	0	0	0	1.45106E-05	0.000423257
1749	0	0	0	1.62781E-05	0.000425763
1750	0	0	0	1.85282E-05	0.000427715
1751	0	0	0	2.11506E-05	0.000429112
1752	0	0	0	2.40239E-05	0.000429958
1753	0	0	0	2.70203E-05	0.000430268
1754	0	0	0	3.0011E-05	0.00043006
1755	0	0	0	3.28706E-05	0.000429362
1756	0	0	0	3.54829E-05	0.000428201
1757	0	0	0	3.77446E-05	0.000426614
1758	0	0	0	3.95696E-05	0.000424641
1759	0	0	0	4.08917E-05	0.000422328
1760	0	1.0293E-05	0	4.1127E-05	0.000418771
1761	0	2.76103E-05	0	4.04254E-05	0.00041433
1762	0	4.67678E-05	0	3.906E-05	0.000409541
1763	0	6.75678E-05	0	3.70642E-05	0.000404485
1764	0	8.97398E-05	0	3.44943E-05	0.000399248
1765	0	0.000112944	0	3.14271E-05	0.000393923
1766	0	0.000136777	0	2.79555E-05	0.000388604
1767	0	0.000160788	0	2.41841E-05	0.000383386
1768	0	0.000184488	0	2.02244E-05	0.00037836
1769	0	0.000207372	0	1.61903E-05	0.000373611
1770	0	0.000228938	0	1.21927E-05	0.000369212
1771	0	0.000248706	0	8.33599E-06	0.000365226
1772	0	0.000266242	0	4.71405E-06	0.000361701
1773	0	0.000281173	0	1.40775E-06	0.000358667

1774	0	0.000292736	0	0	0.000355922
1775	0	0.000300897	0	0	0.000353541
1776	0	0.000306003	0	0	0.00035171
1777	0	0.00030806	0	0	0.000350393
1778	0	0.000307166	0	0	0.00034954
1779	0	0.000303508	0	0	0.000349083
1780	1.6995E-06	0.000297323	0	0	0.000348927
1781	8.34866E-06	0.000288884	0	0	0.000348954
1782	1.48225E-05	0.000278626	0	0	0.000349104
1783	2.10468E-05	0.000266936	0	0	0.000349271
1784	2.69618E-05	0.000254201	0	0	0.000349347
1785	3.25227E-05	0.000240795	0	0	0.000349225
1786	3.76993E-05	0.000227061	0	0	0.000348802
1787	4.24738E-05	0.000213298	0	0	0.000347984
1788	4.64276E-05	0.000199643	0	3.79724E-07	0.000346634
1789	4.75906E-05	0.000185754	0	2.95896E-06	0.000344435
1790	4.81823E-05	0.000172369	0	5.68549E-06	0.000341608
1791	4.82524E-05	0.000159585	0	8.51215E-06	0.00033812
1792	4.78487E-05	0.00014745	0	1.1389E-05	0.000333957
1793	4.70155E-05	0.000135971	0	1.42634E-05	0.000329121
1794	4.57912E-05	0.000125126	0	1.70808E-05	0.000323635
1795	4.42078E-05	0.000114871	0	1.97858E-05	0.000317538
1796	4.22912E-05	0.00010515	0	2.23236E-05	0.000310882
1797	4.00613E-05	9.59044E-05	0	2.46417E-05	0.000303735
1798	3.75336E-05	8.70779E-05	0	2.66927E-05	0.000296172
1799	3.47211E-05	7.86234E-05	0	2.84356E-05	0.000288277
1800	3.16355E-05	7.05047E-05	0	2.9839E-05	0.000280137
1801	2.8289E-05	6.26987E-05	0	3.08819E-05	0.000271844
1802	2.46959E-05	5.51946E-05	0	3.15559E-05	0.000263487
1803	2.08735E-05	4.79928E-05	0	3.18656E-05	0.000255157
1804	1.68426E-05	4.11019E-05	0	3.18284E-05	0.000246941
1805	1.26276E-05	3.45356E-05	0	3.14742E-05	0.000238925
1806	8.25623E-06	2.83101E-05	0	3.08433E-05	0.00023119
1807	3.75919E-06	2.24401E-05	0	2.99843E-05	0.000223817
1808	0	1.69397E-05	0	2.89041E-05	0.000216883
1809	0	1.1824E-05	0	2.74892E-05	0.000210468
1810	0	7.08043E-06	0	2.60098E-05	0.000204641
1811	0	2.70071E-06	0	2.45182E-05	0.000199476
1812	0	0	0	2.29891E-05	0.000194917
1813	0	0	0	2.14021E-05	0.000190932
1814	0	0	0	1.99198E-05	0.000187828
1815	0	0	0	1.855E-05	0.000185652
1816	0	0	0	1.72876E-05	0.000184443
1817	0	0	0	1.61151E-05	0.000184229
1818	0	0	0	1.50043E-05	0.000185024
1819	0	0	0	1.3919E-05	0.00018683
1820	0	0	0	1.28169E-05	0.000189633
1821	0	0	0	1.16533E-05	0.000193404
1822	0	0	0	1.03837E-05	0.000198103
1823	0	0	0	8.96695E-06	0.000203676
1824	0	0	0	7.36727E-06	0.000210059
1825	0	0	0	5.55677E-06	0.000217181
1826	0	0	0	3.5167E-06	0.000224965
1827	0	0	0	1.23834E-06	0.000233333
1828	0	0	0	0	0.000241981
1829	0	0	0	0	0.000250803
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1831	0	0	0	0	0.000269347
1832	0	0	0	0	0.000278952
1833	0	0	0	0	0.000288711
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1835	0	0	0	0	0.000308511
1836	0	0	0	0	0.000318465
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1855	0	0	0	0	0.000426867
1856	2.05905E-07	0	0	0	0.000424562
1857	2.26518E-06	0	0	0	0.000421432
1858	3.49826E-06	0	0	0	0.00041756
1859	3.88381E-06	0	0	0	0.000413005
1860	3.42974E-06	0	0	0	0.000407828
1861	2.17239E-06	0	0	0	0.000402087
1862	1.74307E-07	0	0	0	0.000395839
1863	0	0	0	0	0.000389113
1864	0	0	0	0	0.00038198
1865	0	0	0	0	0.000374491
1866	0	0	0	0	0.000366699
1867	0	0	0	0	0.000358657
1868	0	0	0	0	0.00035042
1869	0	0	0	0	0.000342046
1870	0	0	0	0	0.000333595
1871	0	0	0	0	0.000325127
1872	0	0	0	0	0.000316704
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1876	0	0	0	0	0.000284607

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1879	0	8.57537E-07	0	0	0.000263258
1880	0	8.26277E-06	0	0	0.000256043
1881	0	1.57189E-05	0	0	0.000249118
1882	0	2.31729E-05	0	0	0.000242461
1883	0	3.05663E-05	0	0	0.000236045
1884	0	3.78356E-05	0	0	0.000229837
1885	0	4.28453E-05	2.20699E-06	0	0.000223801
1886	0	4.68146E-05	5.24748E-06	0	0.000217906
1887	0	5.04546E-05	8.2912E-06	0	0.000212127
1888	0	5.37539E-05	1.1283E-05	0	0.000206444
1889	0	5.67051E-05	1.41716E-05	0	0.000200844
1890	0	5.93052E-05	1.6912E-05	0	0.000195326
1891	0	6.15565E-05	1.94678E-05	0	0.000189894
1892	0	6.34672E-05	2.18123E-05	0	0.000184564
1893	0	6.50525E-05	2.39301E-05	0	0.000179358
1894	0	6.63342E-05	2.58166E-05	0	0.000174304
1895	0	6.73409E-05	2.74776E-05	0	0.000169432
1896	0	6.81066E-05	2.89283E-05	0	0.000164775
1897	0	6.86699E-05	3.0191E-05	0	0.000160365
1898	0	6.90712E-05	3.1293E-05	0	0.000156232
1899	0	6.93509E-05	3.2264E-05	0	0.0001524
1900	0	6.95464E-05	3.31334E-05	0	0.000148889
1901	0	6.96895E-05	3.39277E-05	0	0.000145714
1902	6.29785E-06	6.97249E-05	3.46544E-05	0	0.000142835
1903	1.34328E-05	6.97346E-05	3.53396E-05	0	0.000140295
1904	2.07034E-05	6.97291E-05	3.59909E-05	0	0.000138096
1905	2.80185E-05	6.96998E-05	3.66052E-05	0	0.000136229
1906	3.52822E-05	6.96262E-05	3.7171E-05	0	0.000134681
1907	4.23979E-05	6.94778E-05	3.76682E-05	0	0.000133434
1908	4.92717E-05	6.92162E-05	3.80703E-05	0	0.000132466
1909	5.58173E-05	6.87981E-05	3.83456E-05	0	0.000131752
1910	6.19596E-05	6.81787E-05	3.84598E-05	0	0.000131262
1911	6.76385E-05	6.73153E-05	3.83781E-05	0	0.000130965
1912	7.28115E-05	6.61712E-05	3.80681E-05	0	0.000130827
1913	7.74308E-05	6.47168E-05	3.74968E-05	2.29153E-08	0.000130808
1914	7.895E-05	6.26909E-05	3.61622E-05	2.4291E-06	0.000130552
1915	7.99548E-05	6.03409E-05	3.45361E-05	4.83256E-06	0.000130342
1916	8.0508E-05	5.76836E-05	3.26199E-05	7.20401E-06	0.000130142
1917	8.06859E-05	5.47512E-05	3.04248E-05	9.51344E-06	0.000129917
1918	8.05721E-05	5.15899E-05	2.79716E-05	1.17312E-05	0.000129636
1919	8.02514E-05	4.8258E-05	2.52903E-05	1.38291E-05	0.000129268
1920	7.98027E-05	4.48228E-05	2.24183E-05	1.57814E-05	0.000128789
1921	7.92931E-05	4.13576E-05	1.93992E-05	1.75661E-05	0.000128176
1922	7.87724E-05	3.79377E-05	1.62813E-05	1.91651E-05	0.000127415
1923	7.82695E-05	3.46367E-05	1.31151E-05	2.05653E-05	0.000126496
1924	7.77897E-05	3.15229E-05	9.95213E-06	2.17585E-05	0.000125415
1925	7.7315E-05	2.86559E-05	6.84286E-06	2.27415E-05	0.000124174
1926	7.68059E-05	2.60841E-05	3.83542E-06	2.35155E-05	0.000122781
1927	7.62046E-05	2.38424E-05	9.7438E-07	2.40859E-05	0.000121249
1928	7.55993E-05	2.04109E-05	0	2.42829E-05	0.000119615
1929	7.48248E-05	1.66532E-05	0	2.42166E-05	0.000117887
1930	7.37113E-05	1.34691E-05	0	2.40044E-05	0.000116075
1931	7.21876E-05	1.08571E-05	0	2.3661E-05	0.000114198
1932	7.0197E-05	8.79787E-06	0	2.32004E-05	0.000112278
1933	6.7702E-05	7.25668E-06	0	2.26348E-05	0.000110335
1934	6.46885E-05	6.18587E-06	0	2.19743E-05	0.000108387
1935	6.11676E-05	5.52734E-06	0	2.1227E-05	0.000106449
1936	5.71753E-05	5.21532E-06	0	2.03988E-05	0.000104535
1937	5.27715E-05	5.17896E-06	0	1.94941E-05	0.000102656
1938	4.80362E-05	5.34488E-06	0	1.85159E-05	0.000100825
1939	4.30649E-05	5.63944E-06	0	1.74671E-05	9.90527E-05
1940	3.79634E-05	5.99086E-06	0	1.63506E-05	9.73496E-05
1941	3.28416E-05	6.33109E-06	0	1.51702E-05	9.57293E-05
1942	2.78079E-05	6.59741E-06	0	1.39311E-05	9.42075E-05
1943	2.29639E-05	6.73384E-06	0	1.26405E-05	9.2802E-05
1944	1.83996E-05	6.69237E-06	0	1.13076E-05	9.1534E-05
1945	1.41901E-05	6.4339E-06	0	9.94369E-06	9.04267E-05
1946	1.0393E-05	5.92902E-06	0	8.56207E-06	8.95054E-05
1947	7.04783E-06	5.15857E-06	0	7.17748E-06	8.87957E-05
1948	4.17546E-06	4.11393E-06	0	5.80574E-06	8.83223E-05
1949	1.81794E-06	2.42389E-06	4.11867E-07	4.41996E-06	8.81122E-05
1950	3.54888E-09	0	1.63668E-06	2.98024E-06	8.81634E-05
1951	0	0	2.10086E-06	1.49564E-06	8.83099E-05
1952	0	0	2.38592E-06	1.2359E-07	8.87381E-05
1953	0	0	2.22432E-06	0	8.92739E-05
1954	0	0	1.88681E-06	0	9.00748E-05
1955	0	0	1.41314E-06	0	9.1135E-05
1956	0	0	8.18113E-07	0	9.24189E-05
1957	0	0	1.19877E-07	0	9.38803E-05
1958	0	0	0	0	9.54002E-05
1959	0	0	0	0	9.69643E-05
1960	0	0	0	0	9.85215E-05
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1962	0	0	0	0	0.000101363
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1968	0	0	0	0	0.000104236
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1970	0	0	0	0	0.000102767
1971	0	0	0	0	0.000101626
1972	0	0	0	0	0.000100258
1973	0	0	0	0	9.87026E-05
1974	0	0	0	0	9.7003E-05
1975	0	0	0	0	9.52013E-05
1976	0	0	0	0	9.33389E-05
1977	0	0	0	0	9.14549E-05
1978	0	0	0	0	8.95847E-05
1979	0	0	0	0	8.77601E-05

1980	0	0	0	0	8.60088E-05
1981	0	0	0	0	8.43548E-05
1982	0	0	0	0	8.28188E-05
1983	0	0	0	0	8.14184E-05
1984	0	0	0	0	8.0169E-05
1985	0	0	0	0	7.90834E-05
1986	0	0	0	0	7.81728E-05
1987	0	0	0	0	7.7446E-05
1988	0	0	0	0	7.69098E-05
1989	0	0	0	0	7.6568E-05
1990	0	0	0	0	7.64217E-05
1991	0	0	0	2.15032E-07	7.64307E-05
1992	0	0	0	7.18221E-07	7.65755E-05
1993	0	0	0	1.339E-06	7.68751E-05
1994	0	0	0	2.08363E-06	7.73134E-05
1995	0	0	0	2.95356E-06	7.78708E-05
1996	0	0	0	3.94488E-06	7.85254E-05
1997	0	0	0	5.04788E-06	7.92529E-05
1998	0	0	0	6.247E-06	8.00282E-05
1999	0	0	0	7.52098E-06	8.08259E-05
2000	0	0	0	8.84339E-06	8.16214E-05
2001	0	0	0	1.01834E-05	8.23916E-05
2002	0	0	0	1.1507E-05	8.3116E-05
2003	0	0	0	1.27783E-05	8.37768E-05
2004	0	0	0	1.3961E-05	8.43593E-05
2005	0	0	0	1.50201E-05	8.48519E-05
2006	0	0	0	1.59234E-05	8.52462E-05
2007	0	0	0	1.66435E-05	8.55362E-05
2008	0	0	0	1.71583E-05	8.5718E-05
2009	0	0	0	1.7453E-05	8.57894E-05
2010	0	0	0	1.752E-05	8.57491E-05
2011	0	0	0	1.73598E-05	8.55966E-05
2012	0	0	0	1.69806E-05	8.53315E-05
2013	0	0	0	1.6398E-05	8.49537E-05
2014	0	0	0	1.5634E-05	8.44631E-05
2015	0	0	0	1.47161E-05	8.38599E-05
2016	0	0	0	1.36757E-05	8.31447E-05
2017	0	0	0	1.25467E-05	8.23192E-05
2018	0	0	0	1.13639E-05	8.13858E-05
2019	0	0	0	1.01617E-05	8.03485E-05
2020	0	0	0	8.97244E-06	7.92128E-05
2021	0	0	0	7.82536E-06	7.79858E-05
2022	0	0	0	6.74555E-06	7.66761E-05
2023	0	0	0	5.75334E-06	7.52934E-05
2024	0	0	0	4.86376E-06	7.38485E-05
2025	0	0	0	4.08645E-06	7.23528E-05
2026	0	0	0	3.42571E-06	7.08177E-05
2027	0	0	1.3439E-06	2.68321E-06	6.91582E-05
2028	0	0	3.33086E-06	1.95675E-06	6.74352E-05
2029	0	0	5.31676E-06	1.33192E-06	6.57044E-05
2030	0	0	7.26852E-06	8.01286E-07	6.39773E-05
2031	0	0	9.15169E-06	3.55297E-07	6.22644E-05
2032	0	0	1.09275E-05	0	6.05729E-05
2033	0	0	1.24967E-05	0	5.887E-05
2034	0	0	1.39083E-05	0	5.72165E-05
2035	0	0	1.51308E-05	0	5.56193E-05
2036	0	0	1.61374E-05	0	5.40849E-05
2037	0	0	1.69069E-05	0	5.26201E-05
2038	0	0	1.74249E-05	0	5.12317E-05
2039	0	0	1.76839E-05	0	4.99265E-05
2040	0	0	1.76842E-05	0	4.87109E-05
2041	0	0	1.74334E-05	0	4.75908E-05
2042	0	0	1.69462E-05	0	4.6571E-05
2043	0	0	1.62434E-05	0	4.56547E-05
2044	0	0	1.53515E-05	0	4.48435E-05
2045	0	0	1.43007E-05	0	4.41364E-05
2046	0	0	1.31242E-05	0	4.35302E-05
2047	0	0	1.18562E-05	0	4.30187E-05
2048	0	0	1.05311E-05	0	4.25935E-05
2049	0	0	9.18177E-06	0	4.22436E-05
2050	0	0	7.83864E-06	0	4.1956E-05
2051	0	0	6.52866E-06	0	4.17163E-05
2052	0	0	5.2747E-06	0	4.15093E-05
2053	0	0	4.09515E-06	0	4.13201E-05
2054	0	0	3.00374E-06	0	4.11341E-05
2055	0	0	2.00964E-06	0	4.09386E-05
2056	0	0	9.24633E-07	8.19488E-07	4.05988E-05
2057	0	1.99089E-07	0	1.87432E-06	4.01642E-05
2058	0	2.51638E-07	0	2.99158E-06	3.9621E-05
2059	0	2.57416E-07	0	4.30383E-06	3.90242E-05
2060	0	2.11716E-07	0	5.80824E-06	3.83762E-05
2061	0	1.11438E-07	0	7.49634E-06	3.76833E-05
2062	0	0	0	9.35123E-06	3.69512E-05
2063	0	0	0	1.13454E-05	3.61818E-05
2064	0	0	0	1.34573E-05	3.54014E-05
2065	0	0	0	1.56529E-05	3.46282E-05
2066	0	0	0	1.78923E-05	3.3882E-05
2067	0	0	0	2.01306E-05	3.31835E-05
2068	0	0	0	2.23185E-05	3.25539E-05
2069	0	0	0	2.44042E-05	3.2014E-05
2070	0	0	0	2.63347E-05	3.1584E-05
2071	0	0	0	2.80578E-05	3.12834E-05
2072	0	0	0	2.95243E-05	3.11305E-05
2073	0	0	0	3.06894E-05	3.11421E-05
2074	0	0	0	3.1515E-05	3.13339E-05
2075	0	0	0	3.19712E-05	3.17201E-05
2076	0	0	0	3.20376E-05	3.23133E-05
2077	0	0	0	3.17043E-05	3.31246E-05
2078	0	0	0	3.0972E-05	3.41633E-05
2079	0	0	0	2.98524E-05	3.54366E-05
2080	0	0	0	2.83677E-05	3.69496E-05
2081	0	0	0	2.65491E-05	3.87044E-05
2082	0	0	0	2.44359E-05	4.07002E-05

2083	0	0	0	2.20736E-05	4.29329E-05
2084	0	0	0	1.95125E-05	4.53944E-05
2085	0	0	0	1.68051E-05	4.80727E-05
2086	0	0	0	1.40046E-05	5.09517E-05
2087	0	0	0	1.11632E-05	5.40111E-05
2088	0	0	0	8.33017E-06	5.72269E-05
2089	0	0	0	5.5508E-06	6.05711E-05
2090	0	0	0	2.8652E-06	6.4013E-05
2091	0	0	0	3.07661E-07	6.75191E-05
2092	0	0	0	0	7.06889E-05
2093	0	0	0	0	7.38294E-05
2094	0	0	0	0	7.69611E-05
2095	0	0	0	0	8.00507E-05
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2098	0	0	0	0	8.87538E-05
2099	0	0	0	0	9.13745E-05
2100	0	0	0	0	9.3818E-05
2101	0	0	0	0	9.60689E-05
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2103	0	0	0	0	9.99553E-05
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2105	0	0	0	0	0.000103007
2106	0	0	0	0	0.00010423
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2108	0	0	0	0	0.000106118
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2110	0	0	0	0	0.000107335
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2112	0	0	0	0	0.000107949
2113	0	0	0	0	0.000108038
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2118	0	0	0	0	0.000105938
2119	0	0	0	0	0.000104887
2120	0	0	0	0	0.000103578
2121	0	0	0	0	0.000101997
2122	0	0	0	0	0.000100133
2123	0	0	0	0	9.79841E-05
2124	0	0	0	0	9.55564E-05
2125	0	0	0	0	9.28665E-05
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2133	0	0	0	0	6.66286E-05
2134	0	0	0	0	6.35249E-05
2135	0	0	0	0	6.06196E-05
2136	0	0	0	0	5.7943E-05
2137	0	0	0	0	5.55158E-05
2138	0	0	0	0	5.33484E-05
2139	0	0	0	0	5.14418E-05
2140	0	0	0	0	4.97875E-05
2141	0	0	0	0	4.83695E-05
2142	0	0	0	0	4.7165E-05
2143	0	0	0	0	4.61467E-05
2144	0	0	0	0	4.52837E-05
2145	0	0	0	0	4.45439E-05
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2147	0	0	0	0	4.33058E-05
2148	0	0	0	0	4.27478E-05
2149	0	0	0	0	4.21953E-05
2150	0	0	0	0	4.16268E-05
2151	0	0	0	0	4.10244E-05
2152	0	0	0	0	4.0375E-05
2153	0	0	0	0	3.96693E-05
2154	0	0	0	0	3.89022E-05
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2156	0	0	0	0	3.71822E-05
2157	0	0	0	0	3.62366E-05
2158	0	0	0	0	3.52438E-05
2159	0	7.87653E-08	0	0	3.42063E-05
2160	0	3.7651E-07	0	0	3.31221E-05
2161	0	6.29645E-07	0	0	3.20326E-05
2162	0	8.36311E-07	0	0	3.09537E-05
2163	0	9.96183E-07	0	0	2.99027E-05
2164	0	1.11032E-06	0	0	2.88978E-05
2165	0	1.18097E-06	0	0	2.79581E-05
2166	0	1.21137E-06	0	0	2.71032E-05
2167	0	1.20545E-06	0	0	2.63536E-05
2168	0	1.16764E-06	0	0	2.57299E-05
2169	0	1.10254E-06	0	0	2.52532E-05
2170	0	1.01471E-06	0	0	2.49449E-05
2171	0	9.0837E-07	0	0	2.48261E-05
2172	0	7.87153E-07	0	0	2.49179E-05
2173	0	6.53884E-07	0	0	2.52408E-05
2174	0	5.10357E-07	0	0	2.58145E-05
2175	0	3.57155E-07	0	0	2.66574E-05
2176	0	1.93516E-07	0	0	2.77862E-05
2177	0	1.72604E-08	0	0	2.92149E-05
2178	0	0	0	0	3.0937E-05
2179	0	0	0	0	3.29738E-05
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2184	0	0	0	0	4.77848E-05
2185	0	0	0	0	5.15615E-05

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2187	0	0	0	0	5.96799E-05
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2189	0	0	0	0	6.82355E-05
2190	0	0	0	0	7.254E-05
2191	0	0	0	0	7.67826E-05
2192	0	0	0	0	8.09022E-05
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2200	0	0	0	0	0.00010317
2201	0	0	0	0	0.000104118
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2203	0	0	0	0	0.000104733
2204	0	0	0	0	0.000104449
2205	0	0	0	0	0.000103817
2206	0	0	0	0	0.00010288
2207	0	0	0	0	0.000101686
2208	0	0	0	0	0.000100287
2209	0	0	0	0	9.87362E-05
2210	0	0	0	0	9.70869E-05
2211	0	0	0	0	9.5391E-05
2212	0	0	0	0	9.36981E-05
2213	0	0	0	0	9.20539E-05
2214	0	0	0	0	9.04997E-05
2215	0	0	0	0	8.90722E-05
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2217	0	0	0	0	8.67182E-05
2218	0	0	0	0	8.58396E-05
2219	0	0	0	0	8.51839E-05
2220	0	0	0	0	8.47637E-05
2221	0	0	0	0	8.45873E-05
2222	0	0	0	0	8.46592E-05
2223	0	0	0	0	8.49801E-05
2224	0	0	0	0	8.55467E-05
2225	0	0	0	0	8.63519E-05
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2227	0	0	0	0	8.86282E-05
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2232	0	0	0	0	9.71343E-05
2233	0	0	0	0	9.90516E-05
2234	0	0	0	0	0.000100943
2235	0	0	0	0	0.000102761
2236	0	0	0	0	0.000104459
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2238	0	0	0	0	0.000107315
2239	0	0	0	0	0.00010839
2240	0	0	0	0	0.000109183
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2242	0	0	0	0	0.000109822
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2246	0	0	0	0	0.000107079
2247	0	0	0	0	0.000105609
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2249	0	0	0	0	0.00010192
2250	0	0	0	0	9.97841E-05
2251	0	0	0	0	9.75153E-05
2252	0	0	0	0	9.51633E-05
2253	0	0	0	0	9.27782E-05
2254	0	0	0	0	9.04089E-05
2255	0	0	0	0	8.81018E-05
2256	0	0	0	0	8.5899E-05
2257	0	0	0	0	8.38377E-05
2258	0	0	0	0	8.19486E-05
2259	0	0	0	0	8.02561E-05
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2276	0	0	0	0	7.89373E-05
2277	0	0	0	0	7.96842E-05
2278	0	0	0	0	8.04488E-05
2279	0	1.86548E-06	0	0	8.1038E-05
2280	0	5.28584E-06	0	0	8.14813E-05
2281	0	9.03875E-06	0	0	8.1902E-05
2282	0	1.31307E-05	0	0	8.22996E-05
2283	0	1.75589E-05	0	0	8.26751E-05
2284	0	2.23095E-05	0	0	8.30307E-05
2285	0	2.73553E-05	0	0	8.33701E-05
2286	0	3.2654E-05	0	0	8.36975E-05
2287	0	3.81477E-05	0	0	8.40175E-05
2288	0	4.37619E-05	0	0	8.43349E-05

2289	0	4.9407E-05	0	0	8.46536E-05
2290	0	5.49791E-05	0	0	8.49768E-05
2291	0	6.03635E-05	0	0	8.53062E-05
2292	0	6.54374E-05	0	0	8.56419E-05
2293	0	7.00751E-05	0	0	8.59818E-05
2294	0	7.41525E-05	0	0	8.6322E-05
2295	0	7.75523E-05	0	0	8.66565E-05
2296	0	8.01699E-05	0	0	8.69778E-05
2297	0	8.19176E-05	0	0	8.72767E-05
2298	0	8.27298E-05	0	0	8.7543E-05
2299	0	8.25657E-05	0	0	8.77661E-05
2300	0	8.14121E-05	0	0	8.7935E-05
2301	0	7.89922E-05	3.1203E-07	0	8.80383E-05
2302	0	7.39041E-05	2.47829E-06	0	8.80625E-05
2303	0	6.78399E-05	4.7686E-06	0	8.80016E-05
2304	0	6.09235E-05	7.15116E-06	0	8.78467E-05
2305	0	5.33043E-05	9.58816E-06	0	8.75895E-05
2306	0	4.51521E-05	1.20366E-05	0	8.72225E-05
2307	0	3.66505E-05	1.44492E-05	0	8.67383E-05
2308	0	2.79901E-05	1.67765E-05	0	8.613E-05
2309	0	1.9362E-05	1.89676E-05	0	8.53904E-05
2310	0	1.09506E-05	2.0973E-05	0	8.45125E-05
2311	0	2.92738E-06	2.27462E-05	0	8.3489E-05
2312	0	0	2.30909E-05	0	8.19622E-05
2313	0	0	2.25551E-05	0	8.01025E-05
2314	0	0	2.18813E-05	0	7.81373E-05
2315	0	0	2.1072E-05	0	7.60682E-05
2316	0	0	2.01327E-05	0	7.38965E-05
2317	0	0	1.90722E-05	0	7.16237E-05
2318	0	0	1.79029E-05	0	6.92528E-05
2319	0	0	1.66403E-05	0	6.67887E-05
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2321	0	0	1.39114E-05	0	6.16133E-05
2322	0	0	1.24884E-05	0	5.89266E-05
2323	0	0	1.10568E-05	0	5.61961E-05
2324	0	0	9.63944E-06	0	5.34428E-05
2325	0	0	8.25773E-06	0	5.0691E-05
2326	9.87189E-07	0	6.92594E-06	0	4.79592E-05
2327	6.32055E-06	0	5.64281E-06	0	4.52473E-05
2328	1.27438E-05	0	4.43937E-06	0	4.2614E-05
2329	1.96502E-05	0	3.15486E-06	7.38382E-07	3.99832E-05
2330	2.76587E-05	0	1.88271E-06	1.83161E-06	3.74379E-05
2331	3.72143E-05	0	6.74175E-07	3.06413E-06	3.50355E-05
2332	4.85743E-05	0	0	4.36661E-06	3.27662E-05
2333	6.19564E-05	0	0	5.71595E-06	3.06412E-05
2334	7.74782E-05	0	0	7.20833E-06	2.87268E-05
2335	9.52972E-05	0	0	8.83124E-06	2.70377E-05
2336	0.000115528	0	0	1.05661E-05	2.55851E-05
2337	0.000138227	0	0	1.23881E-05	2.4377E-05
2338	0.00016338	0	0	1.42662E-05	2.34177E-05
2339	0.000190885	0	0	1.61638E-05	2.27088E-05
2340	0.000220549	0	0	1.80395E-05	2.22489E-05
2341	0.000252072	0	0	1.98479E-05	2.20342E-05
2342	0.000285052	0	0	2.15416E-05	2.20588E-05
2343	0.000318982	0	0	2.30726E-05	2.2315E-05
2344	0.000353262	0	0	2.43946E-05	2.27934E-05
2345	0.000387213	0	0	2.54647E-05	2.34828E-05
2346	0.000420095	0	0	2.62457E-05	2.43707E-05
2347	0.000451137	0	0	2.6708E-05	2.54428E-05
2348	0.000479561	0	0	2.68308E-05	2.66831E-05
2349	0.000504619	0	0	2.6604E-05	2.80735E-05
2350	0.000525621	0	0	2.60282E-05	2.95938E-05
2351	0.000541973	0	0	2.51152E-05	3.12214E-05
2352	0.000553198	0	0	2.38874E-05	3.29314E-05
2353	0.000558964	0	0	2.2377E-05	3.46967E-05
2354	0.0005591	0	0	2.06244E-05	3.64882E-05
2355	0.000553601	0	0	1.86763E-05	3.8275E-05
2356	0.000542632	0	0	1.65838E-05	4.00258E-05
2357	0.000526519	0	0	1.43998E-05	4.17086E-05
2358	0.000505732	0	0	1.21768E-05	4.32926E-05
2359	0.000480863	0	0	9.96511E-06	4.47485E-05
2360	0.000452597	0	0	7.81057E-06	4.60497E-05
2361	0.000421682	0	0	5.75324E-06	4.71735E-05
2362	0.000388898	0	0	3.8263E-06	4.81018E-05
2363	0.000355018	0	0	2.0553E-06	4.88214E-05
2364	0.000320788	0	0	4.57999E-07	4.93252E-05
2365	0.000285848	0	0	0	4.94548E-05
2366	0.000251556	0	0	0	4.93277E-05
2367	0.000218927	0	0	0	4.90295E-05
2368	0.000188365	0	0	0	4.8575E-05
2369	0.000160166	0	0	0	4.79834E-05
2370	0.00013452	0	0	0	4.72775E-05
2371	0.00011152	0	0	0	4.64832E-05
2372	9.11705E-05	0	0	0	4.5629E-05
2373	7.34045E-05	0	0	0	4.4745E-05
2374	5.80963E-05	0	0	0	4.38625E-05
2375	4.50772E-05	0	0	0	4.30135E-05
2376	3.41498E-05	0	0	0	4.22297E-05
2377	2.51013E-05	0	0	0	4.15422E-05
2378	1.77149E-05	0	0	0	4.0981E-05
2379	1.17793E-05	0	0	0	4.05746E-05
2380	7.09651E-06	0	0	0	4.03495E-05
2381	3.48697E-06	0	0	0	4.03298E-05
2382	7.93527E-07	0	0	0	4.05369E-05
2383	0	0	0	0	4.09792E-05
2384	0	0	0	0	4.16808E-05
2385	0	0	0	0	4.26598E-05
2386	0	0	0	0	4.39233E-05
2387	0	0	0	0	4.54748E-05
2388	0	0	0	0	4.7314E-05
2389	0	0	0	0	4.94368E-05
2390	1.09816E-06	0	0	0	5.18253E-05
2391	3.2732E-06	0	0	0	5.44685E-05

2392	5.89869E-06	0	0	0	5.73582E-05
2393	8.97377E-06	0	0	0	6.04775E-05
2394	1.24901E-05	0	0	0	6.38077E-05
2395	1.64283E-05	0	0	0	6.73288E-05
2396	2.07549E-05	0	0	0	7.10197E-05
2397	2.54199E-05	0	0	0	7.48595E-05
2398	3.03556E-05	0	0	0	7.88271E-05
2399	3.54762E-05	0	0	0	8.29023E-05
2400	4.06784E-05	0	0	0	8.7066E-05
2401	4.58441E-05	0	0	0	9.13E-05
2402	5.08428E-05	0	0	0	9.55873E-05
2403	5.55366E-05	0	0	0	9.99121E-05
2404	5.97851E-05	0	0	0	0.00010426
2405	6.34509E-05	0	0	0	0.000108616
2406	6.64062E-05	0	0	0	0.000112966
2407	6.85382E-05	0	0	0	0.000117298
2408	6.97548E-05	0	0	0	0.000121598
2409	6.99895E-05	0	0	0	0.000125853
2410	6.92041E-05	0	0	0	0.000130048
2411	6.73918E-05	0	0	0	0.000134169
2412	6.45769E-05	0	0	0	0.000138204
2413	6.08143E-05	0	0	0	0.000142138
2414	5.61866E-05	0	0	0	0.000145958
2415	5.08008E-05	0	0	0	0.000149653
2416	4.47829E-05	0	0	0	0.000153211
2417	3.82723E-05	0	0	0	0.000156624
2418	3.14162E-05	0	0	0	0.000159884
2419	2.43631E-05	0	0	0	0.000162989
2420	1.72573E-05	0	0	0	0.000165935
2421	1.02339E-05	0	0	0	0.000168725
2422	3.41449E-06	0	0	0	0.000171363
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2438	0	0	2.31349E-06	0	0.000206547
2439	0	0	5.70959E-06	0	0.000209137
2440	0	0	9.28157E-06	0	0.000211851
2441	0	0	1.29612E-05	0	0.00021468
2442	0	0	1.66743E-05	0	0.000217606
2443	0	0	2.0343E-05	0	0.000220605
2444	0	0	2.38885E-05	0	0.000223647
2445	0	0	2.7234E-05	0	0.000226698
2446	0	0	3.03071E-05	0	0.000229719
2447	0	9.81098E-07	3.27937E-05	0	0.000232593
2448	0	7.95248E-06	3.33676E-05	0	0.00023489
2449	0	1.57381E-05	3.3296E-05	0	0.000236966
2450	4.46069E-06	2.42232E-05	3.25509E-05	0	0.000238747
2451	1.14974E-05	3.3341E-05	3.11388E-05	0	0.000240214
2452	1.8818E-05	4.29978E-05	2.90876E-05	0	0.000241355
2453	2.63012E-05	5.30424E-05	2.64405E-05	0	0.000242148
2454	3.3808E-05	6.3296E-05	2.32584E-05	0	0.000242578
2455	4.1186E-05	7.35571E-05	1.96178E-05	0	0.000242636
2456	4.82747E-05	8.36079E-05	1.56071E-05	0	0.000242321
2457	5.49116E-05	9.32221E-05	1.13231E-05	0	0.000241638
2458	6.0939E-05	0.000102173	6.86726E-06	0	0.000240599
2459	6.62106E-05	0.000110244	2.34134E-06	0	0.000239222
2460	7.05551E-05	0.000115215	0	0	0.000237523
2461	7.3867E-05	0.000116854	0	0	0.000235531
2462	7.61202E-05	0.000117293	0	0	0.000233281
2463	7.72729E-05	0.0001165	0	0	0.000230808
2464	7.73173E-05	0.000114474	0	0	0.000228148
2465	7.62791E-05	0.000111247	0	0	0.000225342
2466	7.4216E-05	0.000106882	0	0	0.000222433
2467	7.12138E-05	0.000101469	0	0	0.000219464
2468	6.73827E-05	9.51272E-05	0	0	0.000216481
2469	6.28505E-05	8.79928E-05	0	0	0.000213529
2470	5.77571E-05	8.02183E-05	0	0	0.000210655
2471	5.22475E-05	7.19643E-05	0	0	0.000207905
2472	4.64659E-05	6.33938E-05	0	0	0.000205323
2473	4.05494E-05	5.46662E-05	0	0	0.000202952
2474	3.46241E-05	4.59318E-05	0	0	0.000200829
2475	2.88003E-05	3.73282E-05	0	0	0.00019899
2476	2.31709E-05	2.89763E-05	0	0	0.000197461
2477	1.78097E-05	2.0979E-05	0	0	0.000196264
2478	1.27712E-05	1.34202E-05	0	0	0.000195411
2479	8.09165E-06	6.36481E-06	0	0	0.000194904
2480	3.78402E-06	0	0	0	0.00019472
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2501	0	1.14076E-06	0	0	0.000187619
2502	0	7.07522E-06	0	0	0.000185044
2503	0	1.3201E-05	0	0	0.000182525
2504	0	1.94005E-05	0	0	0.000180137
2505	0	2.55444E-05	0	0	0.000177947
2506	0	3.14948E-05	0	0	0.000176017
2507	0	3.71093E-05	0	0	0.000174399
2508	0	4.22458E-05	0	0	0.000173137
2509	0	4.67672E-05	0	0	0.000172259
2510	0	5.05472E-05	0	0	0.000171785
2511	0	5.34753E-05	0	0	0.000171721
2512	0	5.54618E-05	0	0	0.000172057
2513	0	5.64418E-05	0	0	0.000172774
2514	0	5.63789E-05	0	0	0.000173837
2515	0	5.52668E-05	0	0	0.000175201
2516	0	5.31302E-05	0	0	0.000176808
2517	0	5.00242E-05	0	0	0.000178591
2518	0	4.60321E-05	0	0	0.000180475
2519	0	4.12623E-05	0	0	0.000182378
2520	0	3.58434E-05	0	0	0.000184215
2521	0	2.99193E-05	0	0	0.000185899
2522	0	2.36431E-05	0	0	0.000187344
2523	0	1.71711E-05	0	0	0.000188469
2524	0	1.06567E-05	0	0	0.000189201
2525	0	4.2448E-06	0	0	0.000189475
2526	0	0	0	0	0.000189044
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2541	0	0	0	2.80962E-06	0.000132951
2542	0	0	0	5.7565E-06	0.000128526
2543	0	0	0	8.66229E-06	0.000124358
2544	0	0	0	1.14782E-05	0.000120453
2545	0	0	0	1.41552E-05	0.000116808
2546	0	0	0	1.66459E-05	0.000113405
2547	0	0	0	1.89056E-05	0.000110221
2548	0	0	0	2.08946E-05	0.000107227
2549	0	0	0	2.25792E-05	0.000104389
2550	0	0	0	2.39342E-05	0.000101675
2551	0	0	1.6837E-07	2.49186E-05	9.90433E-05
2552	0	0	1.30998E-06	2.54085E-05	9.64113E-05
2553	0	0	2.43909E-06	2.55543E-05	9.383E-05
2554	0	0	3.54126E-06	2.5375E-05	9.12877E-05
2555	0	0	4.59942E-06	2.49012E-05	8.87798E-05
2556	0	0	5.59427E-06	2.41744E-05	8.63085E-05
2557	0	0	6.50486E-06	2.32451E-05	8.38816E-05
2558	0	0	7.30945E-06	2.21717E-05	8.15119E-05
2559	0	0	7.98643E-06	2.10181E-05	7.92152E-05
2560	0	0	8.51543E-06	1.98507E-05	7.70092E-05
2561	0	0	8.87843E-06	1.87366E-05	7.49124E-05
2562	0	0	9.06088E-06	1.77404E-05	7.29424E-05
2563	0	0	9.05267E-06	1.69214E-05	7.11155E-05
2564	0	0	8.84901E-06	1.6332E-05	6.94458E-05
2565	0	0	8.45101E-06	1.6015E-05	6.79451E-05
2566	0	0	7.86605E-06	1.6002E-05	6.66228E-05
2567	0	0	7.10782E-06	1.63127E-05	6.54861E-05
2568	0	0	6.19597E-06	1.69539E-05	6.45403E-05
2569	0	0	5.15562E-06	1.79192E-05	6.37891E-05
2570	0	1.59825E-06	3.61704E-06	1.91648E-05	6.31157E-05
2571	0	3.06309E-06	2.04586E-06	2.06869E-05	6.2651E-05
2572	0	4.12424E-06	5.44684E-07	2.24485E-05	6.24159E-05
2573	0	3.99018E-06	0	2.43154E-05	6.24226E-05
2574	0	3.05064E-06	0	2.62751E-05	6.26657E-05
2575	0	1.81992E-06	0	2.83228E-05	6.31359E-05
2576	0	3.22566E-07	0	3.03954E-05	6.38277E-05
2577	0	0	0	3.23544E-05	6.46013E-05
2578	0	0	0	3.4182E-05	6.55247E-05
2579	0	0	0	3.58355E-05	6.66121E-05
2580	0	0	0	3.72601E-05	6.78422E-05
2581	0	0	0	3.84074E-05	6.91876E-05
2582	0	0	0	3.92373E-05	7.06148E-05
2583	0	0	0	3.97191E-05	7.20843E-05
2584	0	0	0	3.98329E-05	7.35517E-05
2585	0	0	0	3.95696E-05	7.49682E-05
2586	0	0	0	3.89319E-05	7.62823E-05
2587	0	0	0	3.79338E-05	7.74421E-05
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2590	0	0	0	3.30721E-05	7.95099E-05
2591	0	0	0	3.09713E-05	7.95961E-05
2592	0	0	0	2.87181E-05	7.93375E-05
2593	0	0	0	2.6371E-05	7.87265E-05
2594	0	0	0	2.399E-05	7.77698E-05
2595	0	0	0	2.1634E-05	7.64899E-05
2596	0	0	0	1.93597E-05	7.49249E-05
2597	0	0	0	1.72193E-05	7.31287E-05

2598	0	0	0	1.52592E-05	7.117E-05
2599	0	0	0	1.35188E-05	6.91306E-05
2600	0	0	0	1.20297E-05	6.71032E-05
2601	0	0	0	1.08147E-05	6.5189E-05
2602	0	0	0	9.88782E-06	6.34944E-05
2603	0	0	0	9.25389E-06	6.21279E-05
2604	0	0	0	8.90882E-06	6.11963E-05
2605	0	0	0	8.83983E-06	6.08012E-05
2606	0	0	0	9.026E-06	6.10354E-05
2607	0	0	0	9.4389E-06	6.19798E-05
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2614	0	0	0	1.51794E-05	9.14937E-05
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2631	0	0	0	1.1364E-06	0.000204559
2632	0	0	0	2.7666E-07	0.000205993
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2636	0	0	0	4.62626E-07	0.000205963
2637	0	0	0	1.54733E-06	0.000204898
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2640	0	0	0	7.28588E-06	0.000200256
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2656	0	0	0	4.08317E-05	0.000145059
2657	0	0	0	3.96737E-05	0.000139434
2658	0	0	0	3.80796E-05	0.000133739
2659	0	0	0	3.61064E-05	0.00012806
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2661	0	3.15745E-07	0	3.12725E-05	0.000117083
2662	0	5.02795E-06	0	2.83233E-05	0.000111558
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2664	0	1.51459E-05	0	2.2149E-05	0.000101631
2665	0	2.03924E-05	0	1.9057E-05	9.73824E-05
2666	0	2.56426E-05	0	1.60383E-05	9.36928E-05
2667	0	3.07961E-05	0	1.31389E-05	9.06062E-05
2668	0	3.57474E-05	0	1.03951E-05	8.81511E-05
2669	0	4.03883E-05	0	7.83319E-06	8.63399E-05
2670	0	4.46113E-05	0	5.47012E-06	8.51695E-05
2671	0	4.83131E-05	0	3.31442E-06	8.46221E-05
2672	0	5.1398E-05	0	1.36731E-06	8.46669E-05
2673	0	5.36658E-05	0	0	8.52087E-05
2674	0	5.48006E-05	0	0	8.6084E-05
2675	0	5.51736E-05	0	0	8.74318E-05
2676	0	5.47518E-05	0	0	8.9194E-05
2677	0	5.35245E-05	0	0	9.13135E-05
2678	0	5.15037E-05	0	0	9.37386E-05
2679	0	4.87242E-05	0	0	9.64251E-05
2680	0	4.5241E-05	0	0	9.93398E-05
2681	0	4.11274E-05	0	0	0.000102462
2682	0	3.64702E-05	0	0	0.000105784
2683	0	3.13665E-05	0	0	0.000109312
2684	0	2.59183E-05	0	0	0.000113066
2685	0	2.02284E-05	0	0	0.000117075
2686	0	1.43966E-05	0	0	0.000121379
2687	0	8.51589E-06	0	0	0.000126021
2688	0	2.67034E-06	0	0	0.000131042
2689	0	0	0	0	0.000136172
2690	0	0	0	0	0.000141495
2691	0	0	0	0	0.000147305
2692	0	0	0	0	0.000153604
2693	0	0	0	0	0.000160369
2694	0	0	0	0	0.000167557
2695	0	0	0	0	0.000175098
2696	0	0	0	0	0.000182897
2697	0	0	0	0	0.000190836
2698	0	0	0	0	0.00019878
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2700	0	0	0	0	0.000214064

2701	7.88078E-06	0	3.04339E-07	0	0.000220976
2702	1.75856E-05	0	1.20623E-06	0	0.000227177
2703	2.91034E-05	0	2.18566E-06	0	0.000232563
2704	4.25745E-05	0	3.22514E-06	0	0.000236995
2705	5.81228E-05	0	4.30334E-06	0	0.000240355
2706	7.58497E-05	0	5.39514E-06	0	0.000242548
2707	9.5828E-05	0	6.47198E-06	0	0.000243509
2708	0.000118095	0	7.50273E-06	0	0.0002432
2709	0.000142644	0	8.45468E-06	0	0.000241616
2710	0.000169419	0	9.29505E-06	0	0.000238782
2711	0.000198303	0	9.99251E-06	0	0.000234748
2712	0.000229117	0	1.05189E-05	0	0.000229593
2713	0.000261604	0	1.0851E-05	0	0.000223414
2714	0.000295437	0	1.09716E-05	0	0.000216326
2715	0.000330206	0	1.08713E-05	0	0.000208458
2716	0.000365428	0	1.05486E-05	0	0.000199944
2717	0.000400546	0	1.00105E-05	0	0.000190923
2718	0.000434945	0	9.27235E-06	0	0.000181535
2719	0.000467962	0	8.35681E-06	0	0.000171914
2720	0.000498904	0	7.29284E-06	0	0.000162188
2721	0.000527077	0	6.1141E-06	0	0.000152479
2722	0.000551803	0	4.85709E-06	0	0.000142897
2723	0.000572453	0	3.55926E-06	0	0.000133542
2724	0.000588471	0	2.25709E-06	0	0.000124506
2725	0.000599403	0	9.84305E-07	0	0.000115869
2726	0.0006049	0	0	0	0.000107677
2727	0.000604727	0	0	0	9.99288E-05
2728	0.000598908	0	0	0	9.27716E-05
2729	0.000587558	0	0	0	8.62503E-05
2730	0.000570948	0	0	0	8.03999E-05
2731	0.000549491	0	0	0	7.52463E-05
2732	0.000523725	0	0	0	7.0806E-05
2733	0.000494292	0	0	0	6.70858E-05
2734	0.000461913	0	0	0	6.4083E-05
2735	0.000427353	0	0	0	6.17844E-05
2736	0.000391394	0	0	0	6.01674E-05
2737	0.000354808	0	0	0	5.91995E-05
2738	0.000318326	0	0	0	5.88391E-05
2739	0.000282617	0	0	0	5.90365E-05
2740	0.000248262	1.59307E-07	0	0	5.9719E-05
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2743	0.000157861	6.69649E-07	0	0	6.41342E-05
2744	0.000132958	5.96053E-07	0	0	6.61985E-05
2745	0.000110935	3.79819E-07	0	0	6.84519E-05
2746	9.18228E-05	1.23571E-08	0	0	7.08347E-05
2747	7.55603E-05	0	0	0	7.32407E-05
2748	6.2071E-05	0	0	0	7.56566E-05
2749	5.12189E-05	0	0	0	7.80431E-05
2750	4.28358E-05	0	0	0	8.03679E-05
2751	3.67322E-05	0	0	0	8.26062E-05
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2756	3.31896E-05	0	0	0	9.20847E-05
2757	3.64274E-05	0	0	0	9.36121E-05
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2759	4.52508E-05	0	0	0	9.62904E-05
2760	5.04532E-05	0	0	0	9.74326E-05
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2763	6.69999E-05	0	0	0	9.99503E-05
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2766	8.1135E-05	0	0	1.87436E-07	0.00010072
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2768	8.73903E-05	0	0	2.9345E-07	0.000100023
2769	8.9339E-05	0	0	2.53895E-07	9.92775E-05
2770	9.03185E-05	5.51851E-06	0	0	9.77225E-05
2771	8.99647E-05	1.27674E-05	0	0	9.56634E-05
2772	8.85726E-05	2.13388E-05	0	0	9.31899E-05
2773	8.61651E-05	3.12978E-05	0	0	9.03098E-05
2774	8.27934E-05	4.26843E-05	0	0	8.70409E-05
2775	7.85347E-05	5.55058E-05	0	0	8.34122E-05
2776	7.34887E-05	6.97305E-05	0	0	7.94631E-05
2777	6.77735E-05	8.52813E-05	0	0	7.52433E-05
2778	6.15205E-05	0.000102031	0	0	7.08121E-05
2779	5.48697E-05	0.000119799	0	0	6.62367E-05
2780	4.79641E-05	0.00013835	0	0	6.15911E-05
2781	4.09445E-05	0.000157397	0	0	5.69537E-05
2782	3.39453E-05	0.000176606	0	0	5.24054E-05
2783	2.70905E-05	0.000195602	0	0	4.80271E-05
2784	2.04902E-05	0.000213984	0	0	4.38971E-05
2785	1.42383E-05	0.000231332	0	0	4.00887E-05
2786	8.41164E-06	0.000247231	0	0	3.66677E-05
2787	3.06852E-06	0.000261279	0	0	3.36903E-05
2788	0	0.000273087	0	0	3.11876E-05
2789	0	0.000282327	0	0	2.91851E-05
2790	0	0.000288794	0	0	2.7724E-05
2791	0	0.000292314	0	0	2.68072E-05
2792	0	0.000292797	0	0	2.64231E-05
2793	0	0.000290244	0	0	2.65466E-05
2794	0	0.000284742	0	0	2.71403E-05
2795	0	0.000276463	0	0	2.81566E-05
2796	0	0.000265656	0	0	2.95397E-05
2797	0	0.000252631	0	0	3.12283E-05
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2805	0	0.000114491	0	0	4.85901E-05
2806	0	9.82951E-05	0	0	5.05648E-05
2807	0	8.31768E-05	0	0	5.24144E-05
2808	0	6.92498E-05	0	0	5.41341E-05
2809	0	5.65788E-05	0	0	5.5724E-05
2810	0	4.51844E-05	0	0	5.71872E-05
2811	0	3.50503E-05	0	0	5.85289E-05
2812	0	2.613E-05	0	0	5.97544E-05
2813	0	1.83543E-05	0	0	6.08687E-05
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2839	4.88315E-06	0	0	0	4.79042E-05
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2998	0	9.03775E-07	0	0	2.89849E-05
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3005	0	0	0	0	3.13573E-05
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3037	0	0	0	0	1.75172E-05
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3041	0	0	0	0	1.1492E-05
3042	0	0	0	0	1.0391E-05
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3047	0	0	0	0	7.56842E-06
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3050	0	4.08097E-07	0	0	7.71402E-06
3051	0	7.40885E-07	0	0	7.98034E-06
3052	0	1.00636E-06	0	0	8.34859E-06
3053	0	1.2061E-06	0	0	8.8051E-06
3054	0	1.34174E-06	0	0	9.33727E-06
3055	0	1.41501E-06	0	0	9.93373E-06
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3057	0	1.38252E-06	0	0	1.12809E-05
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3059	0	1.12888E-06	0	0	1.27824E-05
3060	0	9.27712E-07	0	0	1.3576E-05
3061	0	6.82721E-07	0	0	1.43921E-05
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3063	0	8.15724E-08	0	0	1.6076E-05
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3121	0	0	3.6928E-06	0	9.26515E-06
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3124	0	1.84307E-06	8.10989E-06	0	8.1291E-06
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3129	0	5.63077E-06	1.96695E-05	0	6.68137E-06
3130	0	6.43431E-06	2.25271E-05	0	6.46768E-06
3131	0	7.23373E-06	2.54938E-05	0	6.2865E-06
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3133	0	8.78063E-06	3.15471E-05	0	6.04796E-06
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3136	0	1.0826E-05	3.99636E-05	0	6.14195E-06
3137	0	1.14019E-05	4.23093E-05	0	6.33983E-06
3138	0	1.19163E-05	4.43085E-05	0	6.64087E-06
3139	0	1.23674E-05	4.58994E-05	0	7.05549E-06
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3143	0	1.35599E-05	4.72368E-05	3.78585E-07	9.90878E-06
3144	0	1.36295E-05	4.60198E-05	1.54329E-06	1.07766E-05
3145	0	1.36559E-05	4.42441E-05	2.91825E-06	1.17199E-05
3146	0	1.36519E-05	4.19448E-05	4.50492E-06	1.27219E-05
3147	0	1.36303E-05	3.9172E-05	6.29832E-06	1.37635E-05
3148	0	1.36036E-05	3.59885E-05	8.28623E-06	1.48238E-05
3149	0	1.35821E-05	3.24674E-05	1.04488E-05	1.58814E-05
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3271	8.54688E-06	0	0	1.00708E-06	2.4195E-05
3272	8.87236E-06	0	0	1.25075E-06	2.43663E-05
3273	9.10859E-06	0	0	1.46483E-06	2.44398E-05
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3276	9.21394E-06	0	2.74571E-08	1.89249E-06	2.40158E-05
3277	9.04235E-06	0	8.4285E-08	1.95105E-06	2.36597E-05
3278	8.76598E-06	0	1.22886E-07	1.97317E-06	2.32111E-05
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3280	7.92696E-06	0	1.45131E-07	1.91242E-06	2.20902E-05
3281	7.38492E-06	0	1.2949E-07	1.83357E-06	2.14514E-05
3282	6.77849E-06	0	9.69628E-08	1.72604E-06	2.07854E-05
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3284	5.43379E-06	0	0	1.43586E-06	1.94485E-05
3285	4.73303E-06	0	0	1.25071E-06	1.88099E-05
3286	4.03019E-06	0	0	1.04876E-06	1.82152E-05
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3337	0	0	0	2.19727E-06	2.33466E-05
3338	0	0	0	2.20337E-06	2.3155E-05
3339	0	0	0	2.18211E-06	2.28533E-05
3340	0	0	0	2.13436E-06	2.24425E-05
3341	0	0	0	2.06172E-06	2.19281E-05
3342	0	0	0	1.96639E-06	2.13197E-05
3343	0	0	0	1.85111E-06	2.06302E-05
3344	0	0	0	1.71908E-06	1.9875E-05
3345	0	0	0	1.57377E-06	1.90706E-05
3346	0	0	0	1.41888E-06	1.82344E-05
3347	0	0	0	1.25812E-06	1.73826E-05
3348	0	0	0	1.09513E-06	1.65302E-05
3349	0	0	0	9.33363E-07	1.569E-05
3350	0	0	0	7.75946E-07	1.48718E-05
3351	0	2.82056E-08	0	6.24165E-07	1.40801E-05
3352	0	4.51926E-07	0	4.61085E-07	1.32848E-05
3353	0	8.36602E-07	0	3.11337E-07	1.25275E-05
3354	0	1.17681E-06	0	1.76567E-07	1.18075E-05
3355	0	1.46864E-06	0	5.78649E-08	1.11221E-05
3356	0	1.69603E-06	0	0	1.0461E-05
3357	0	1.85906E-06	0	0	9.82004E-06
3358	0	1.97618E-06	0	0	9.20243E-06
3359	0	2.04905E-06	0	0	8.60359E-06
3360	0	2.08036E-06	0	0	8.01967E-06
3361	0	2.0737E-06	0	0	7.44791E-06
3362	0	2.03333E-06	0	0	6.88679E-06
3363	0	1.964E-06	0	0	6.33608E-06
3364	0	1.87078E-06	0	0	5.79676E-06
3365	0	1.75884E-06	0	0	5.2709E-06
3366	0	1.63329E-06	0	0	4.76135E-06
3367	0	1.49905E-06	0	0	4.27159E-06
3368	0	1.36074E-06	0	0	3.80537E-06
3369	0	1.22258E-06	0	0	3.36652E-06
3370	0	1.08839E-06	0	0	2.95875E-06
3371	0	9.61618E-07	0	0	2.5855E-06
3372	0	8.45357E-07	0	0	2.24987E-06
3373	0	7.42498E-07	0	0	1.95461E-06
3374	0	6.55871E-07	0	0	1.70219E-06
3375	0	5.88457E-07	0	0	1.49485E-06
3376	0	5.23328E-07	2.16608E-08	0	1.33479E-06
3377	0	3.95101E-07	1.39081E-07	0	1.22416E-06
3378	0	2.77462E-07	2.79048E-07	0	1.16573E-06
3379	0	1.69117E-07	4.49803E-07	0	1.16249E-06
3380	0	6.89028E-08	6.61295E-07	0	1.21797E-06
3381	0	0	9.19262E-07	0	1.33443E-06
3382	0	0	1.22795E-06	0	1.51364E-06
3383	0	0	1.62092E-06	0	1.76609E-06
3384	0	0	2.11661E-06	0	2.09735E-06
3385	0	0	2.7358E-06	0	2.5131E-06
3386	0	0	3.50141E-06	0	3.01881E-06
3387	0	0	4.43814E-06	0	3.61931E-06
3388	0	0	5.57188E-06	0	4.31832E-06
3389	0	0	6.92898E-06	0	5.11791E-06
3390	0	0	8.53522E-06	0	6.01797E-06
3391	0	0	1.04145E-05	0	7.01575E-06
3392	0	1.4706E-07	1.25502E-05	0	8.09402E-06
3393	0	4.55487E-07	1.49546E-05	0	9.2423E-06
3394	0	8.60559E-07	1.76531E-05	0	1.04525E-05
3395	0	1.37362E-06	2.06438E-05	0	1.1707E-05
3396	0	2.00412E-06	2.39153E-05	0	1.29847E-05
3397	0	2.75872E-06	2.74457E-05	0	1.42615E-05
3398	0	3.64044E-06	3.12015E-05	0	1.5511E-05
3399	0	4.64784E-06	3.51377E-05	0	1.67053E-05
3400	0	5.77444E-06	3.91976E-05	0	1.78158E-05
3401	0	7.00822E-06	4.33137E-05	0	1.88147E-05
3402	0	8.33155E-06	4.74091E-05	0	1.96758E-05
3403	0	9.72127E-06	5.13999E-05	0	2.03758E-05
3404	3.07133E-07	1.11454E-05	5.51966E-05	0	2.08929E-05
3405	6.67146E-07	1.25749E-05	5.87096E-05	0	2.12144E-05
3406	1.04662E-06	1.39748E-05	6.18509E-05	0	2.13315E-05
3407	1.4356E-06	1.53086E-05	6.45379E-05	0	2.1241E-05
3408	1.82334E-06	1.65393E-05	6.66973E-05	0	2.09457E-05
3409	2.19877E-06	1.76321E-05	6.82683E-05	0	2.04545E-05
3410	2.55098E-06	1.85554E-05	6.92053E-05	0	1.97816E-05
3411	2.86985E-06	1.92822E-05	6.94806E-05	0	1.89461E-05
3412	3.14641E-06	1.9792E-05	6.90851E-05	0	1.79709E-05
3413	3.37337E-06	2.00713E-05	6.80292E-05	0	1.68818E-05
3414	3.54535E-06	2.01143E-05	6.63423E-05	0	1.57062E-05
3415	3.65913E-06	1.99231E-05	6.40713E-05	0	1.44722E-05
3416	3.71374E-06	1.95076E-05	6.12786E-05	0	1.32074E-05
3417	3.71035E-06	1.88844E-05	5.80391E-05	0	1.19378E-05
3418	3.65218E-06	1.80764E-05	5.44369E-05	0	1.06873E-05
3419	3.54415E-06	1.71111E-05	5.05619E-05	0	9.47652E-06
3420	3.39261E-06	1.60192E-05	4.65055E-05	0	8.32302E-06
3421	3.20489E-06	1.48334E-05	4.23576E-05	0	7.24052E-06

3422	2.98892E-06	1.35867E-05	3.82033E-05	0	6.23913E-06
3423	2.75281E-06	1.23108E-05	3.41199E-05	0	5.32539E-06
3424	2.50448E-06	1.10354E-05	3.01751E-05	0	4.50257E-06
3425	2.25133E-06	9.78689E-06	2.64252E-05	0	3.77104E-06
3426	2E-06	8.58775E-06	2.29148E-05	0	3.12867E-06
3427	1.75617E-06	7.4561E-06	1.96759E-05	0	2.57138E-06
3428	1.52445E-06	6.40563E-06	1.6729E-05	0	2.09357E-06
3429	1.30838E-06	5.44561E-06	1.40839E-05	0	1.68863E-06
3430	1.11039E-06	4.58122E-06	1.17406E-05	0	1.34932E-06
3431	9.31934E-07	3.814E-06	9.69092E-06	0	1.06816E-06
3432	7.73581E-07	3.14238E-06	7.9204E-06	0	8.37739E-07
3433	6.35146E-07	2.56228E-06	6.40963E-06	0	6.50936E-07
3434	5.15848E-07	2.06775E-06	5.13595E-06	0	5.01111E-07
3435	4.14458E-07	1.65151E-06	4.07481E-06	0	3.82211E-07
3436	3.2944E-07	1.30553E-06	3.20104E-06	0	2.88837E-07
3437	2.59079E-07	1.02146E-06	2.48983E-06	0	2.16268E-07
3438	2.01592E-07	7.91036E-07	1.91753E-06	0	1.60445E-07
3439	1.55209E-07	6.06343E-07	1.46219E-06	0	1.17941E-07
3440	1.18245E-07	4.60039E-07	1.10396E-06	0	8.59038E-08
3441	8.9143E-08	3.45487E-07	8.25261E-07	0	6.19992E-08
3442	6.6503E-08	2.56824E-07	6.10822E-07	0	4.43411E-08
3443	4.90968E-08	1.8898E-07	4.47632E-07	0	3.14281E-08
3444	3.58693E-08	1.3765E-07	3.24794E-07	0	2.20813E-08
3445	2.59316E-08	9.92495E-08	2.33332E-07	0	1.53874E-08
3446	1.85485E-08	7.0842E-08	1.65964E-07	0	1.06492E-08
3447	1.3122E-08	5.00607E-08	1.16874E-07	0	7.34209E-09
3448	9.17275E-09	3.50282E-08	8.14832E-08	0	5.07944E-09
3449	6.32215E-09	2.42783E-08	5.62363E-08	0	3.5833E-09
3450	4.27396E-09	1.66828E-08	3.84117E-08	0	2.66259E-09
3451	2.79786E-09	1.13873E-08	2.59519E-08	0	2.19705E-09
3452	1.71439E-09	7.75574E-09	1.73211E-08	0	2.12688E-09
3453	8.81342E-10	5.32337E-09	1.13857E-08	0	2.44781E-09
3454	1.81639E-10	3.75947E-09	7.31729E-09	0	3.2115E-09
3455	0	2.83155E-09	4.51291E-09	0	4.52746E-09
3456	0	2.39818E-09	2.53626E-09	0	6.58385E-09
3457	0	2.38197E-09	1.06724E-09	0	9.65814E-09
3458	0	2.63135E-09	0	0	1.41408E-08
3459	0	2.36776E-09	0	0	2.0567E-08
3460	0	2.5089E-09	0	0	2.96605E-08
3461	0	3.02879E-09	0	0	4.2376E-08
3462	0	3.94801E-09	0	0	5.99563E-08
3463	0	5.32828E-09	0	0	8.39953E-08
3464	0	7.27016E-09	0	0	1.16507E-07
3465	0	9.9131E-09	0	0	1.59999E-07
3466	0	1.34369E-08	0	0	2.17541E-07
3467	0	1.80638E-08	0	0	2.92836E-07
3468	0	2.40604E-08	0	0	3.9027E-07
3469	0	3.17391E-08	0	0	5.14948E-07
3470	0	4.14577E-08	0	0	6.72695E-07
3471	0	5.36164E-08	0	0	8.70023E-07
3472	0	6.86529E-08	0	0	1.11404E-06
3473	0	8.70326E-08	0	0	1.4123E-06
3474	0	1.09236E-07	0	0	1.7726E-06
3475	0	1.35739E-07	0	0	2.20268E-06
3476	0	1.66994E-07	0	0	2.70987E-06
3477	0	2.03402E-07	0	0	3.30068E-06
3478	0	2.45283E-07	0	0	3.98029E-06
3479	0	2.92844E-07	0	0	4.75208E-06
3480	0	3.46148E-07	0	0	5.61707E-06
3481	0	4.05084E-07	0	0	6.57344E-06
3482	0	4.69337E-07	0	0	7.6161E-06
3483	0	5.38372E-07	0	0	8.73634E-06
3484	0	6.11415E-07	0	0	9.92165E-06
3485	0	6.8746E-07	0	0	1.11556E-05
3486	0	7.65272E-07	0	0	1.24183E-05
3487	0	8.43414E-07	0	0	1.36864E-05
3488	0	9.20287E-07	0	0	1.49338E-05
3489	0	9.94175E-07	0	0	1.61328E-05
3490	0	1.06331E-06	0	0	1.72547E-05
3491	0	1.12593E-06	0	0	1.82709E-05
3492	0	1.18038E-06	0	0	1.91545E-05
3493	0	1.22515E-06	0	0	1.9881E-05
3494	0	1.25897E-06	0	0	2.04297E-05
3495	0	1.28085E-06	0	0	2.07847E-05
3496	0	1.29014E-06	0	0	2.09355E-05
3497	0	1.28656E-06	0	0	2.08775E-05
3498	0	1.27024E-06	0	0	2.06126E-05
3499	0	1.24164E-06	0	0	2.01485E-05
3500	0	1.2016E-06	0	0	1.94988E-05
3501	0	1.15129E-06	0	0	1.86824E-05
3502	0	1.09211E-06	0	0	1.7722E-05
3503	0	1.02566E-06	0	0	1.66438E-05
3504	0	9.53674E-07	0	0	1.54756E-05
3505	0	8.77914E-07	0	0	1.42462E-05
3506	0	8.00132E-07	0	0	1.2984E-05
3507	0	7.21984E-07	0	0	1.17159E-05
3508	0	6.44987E-07	0	0	1.04664E-05
3509	0	5.70469E-07	0	0	9.25719E-06
3510	0	4.99539E-07	0	0	8.10619E-06
3511	0	4.33076E-07	0	0	7.02767E-06
3512	0	3.7172E-07	0	0	6.03202E-06
3513	0	3.15881E-07	0	0	5.12592E-06
3514	0	2.6576E-07	0	0	4.31258E-06
3515	0	2.21367E-07	0	0	3.5922E-06
3516	0	1.82555E-07	0	0	2.96237E-06
3517	0	1.49049E-07	0	0	2.41867E-06
3518	0	1.20482E-07	0	0	1.95511E-06
3519	0	9.64216E-08	0	0	1.56467E-06
3520	0	7.63981E-08	0	0	1.23974E-06
3521	0	5.99305E-08	0	0	9.72512E-07
3522	0	4.65447E-08	0	0	7.55296E-07
3523	0	3.5789E-08	0	0	5.8076E-07
3524	0	2.72449E-08	0	0	4.42113E-07

3525	0	2.05342E-08	0	0	3.33216E-07
3526	0	1.53225E-08	0	0	2.48643E-07
3527	0	1.13197E-08	0	0	1.83689E-07
3528	0	8.27945E-09	0	0	1.34353E-07
3529	0	5.99546E-09	0	0	9.72904E-08
3530	0	4.29835E-09	0	0	6.97507E-08
3531	0	3.05096E-09	0	0	4.9509E-08
3532	0	2.14403E-09	0	0	3.47918E-08
3533	0	1.49169E-09	0	0	2.42062E-08
3534	0	1.02751E-09	0	0	1.66738E-08
3535	0	7.0073E-10	0	0	1.1371E-08
3536	0	4.7312E-10	0	0	7.67748E-09
3537	0	3.16264E-10	0	0	5.13212E-09
3538	0	2.09307E-10	0	0	3.3965E-09
3539	0	1.37144E-10	0	0	2.22548E-09
3540	0	8.89664E-11	0	0	1.44369E-09
3541	0	5.71389E-11	0	0	9.27213E-10
3542	0	3.63325E-11	0	0	5.8958E-10
3543	0	2.28726E-11	0	0	3.71162E-10
3544	0	1.42559E-11	0	0	2.31335E-10
3545	0	8.79686E-12	0	0	1.4275E-10
3546	0	5.37427E-12	0	0	8.721E-11
3547	0	3.25063E-12	0	0	5.27491E-11
3548	0	1.94658E-12	0	0	3.15879E-11
3549	0	1.15408E-12	0	0	1.87277E-11
3550	0	6.77416E-13	0	0	1.09927E-11
3551	0	3.9367E-13	0	0	6.38822E-12
3552	0	2.26499E-13	0	0	3.67548E-12
3553	0	1.2902E-13	0	0	2.09365E-12
3554	0	7.27621E-14	0	0	1.18074E-12
3555	0	4.06266E-14	0	0	6.59261E-13
3556	0	2.24581E-14	0	0	3.64435E-13
3557	0	1.22911E-14	0	0	1.99452E-13
3558	0	6.6599E-15	0	0	1.08072E-13
3559	0	3.57274E-15	0	0	5.7976E-14
3560	0	1.89754E-15	0	0	3.0792E-14
3561	0	9.97789E-16	0	0	1.61915E-14
3562	0	5.19449E-16	0	0	8.42928E-15
3563	0	2.67735E-16	0	0	4.34462E-15
3564	0	1.36623E-16	0	0	2.21702E-15
3565	0	6.90237E-17	0	0	1.12007E-15
3566	0	3.45248E-17	0	0	5.60246E-16
3567	0	1.7097E-17	0	0	2.77439E-16
3568	0	8.38238E-18	0	0	1.36024E-16
3569	0	4.06885E-18	0	0	6.60266E-17
3570	0	1.95538E-18	0	0	3.17307E-17
3571	0	9.30358E-19	0	0	1.50972E-17
3572	0	4.38253E-19	0	0	7.11168E-18
3573	0	2.04389E-19	0	0	3.31669E-18
3574	0	9.43726E-20	0	0	1.53142E-18
3575	0	4.31412E-20	0	0	7.00067E-19
3576	0	1.95252E-20	0	0	3.16842E-19
3577	0	8.74894E-21	0	0	1.41972E-19
3578	0	3.88126E-21	0	0	6.29825E-20
3579	0	1.7047E-21	0	0	2.76627E-20
3580	0	7.41274E-22	0	0	1.20289E-20
3581	0	3.1913E-22	0	0	5.17862E-21
3582	0	1.36023E-22	0	0	2.20729E-21
3583	0	5.74004E-23	0	0	9.31456E-22
3584	0	2.39814E-23	0	0	3.89155E-22
3585	0	9.91954E-24	0	0	1.60968E-22
3586	0	4.06224E-24	0	0	6.59193E-23
3587	0	1.64701E-24	0	0	2.67266E-23
3588	0	6.61125E-25	0	0	1.07283E-23
3589	0	2.62741E-25	0	0	4.2636E-24
3590	0	1.03379E-25	0	0	1.67756E-24
3591	0	4.02707E-26	0	0	6.53487E-25
3592	0	1.55312E-26	0	0	2.5203E-25
3593	0	5.93033E-27	0	0	9.62335E-26
3594	0	2.24186E-27	0	0	3.63795E-26
3595	0	8.39066E-28	0	0	1.36158E-26
3596	0	3.10914E-28	0	0	5.04531E-27
3597	0	1.14062E-28	0	0	1.85093E-27
3598	0	4.14286E-29	0	0	6.72276E-28
3599	0	1.48976E-29	0	0	2.41748E-28
3600	0	5.30381E-30	0	0	8.60668E-29
3601	0	1.86947E-30	0	0	3.03365E-29
3602	0	6.52385E-31	0	0	1.05865E-29
3603	0	2.25397E-31	0	0	3.65759E-30
3604	0	7.7099E-32	0	0	1.25111E-30
3605	0	2.611E-32	0	0	4.23695E-31
3606	0	8.7543E-33	0	0	1.42059E-31
3607	0	2.90598E-33	0	0	4.71564E-32
3608	0	9.55041E-34	0	0	1.54978E-32
3609	0	3.10748E-34	0	0	5.04261E-33
3610	0	1.00104E-34	0	0	1.62442E-33
3611	0	3.19265E-35	0	0	5.18082E-34
3612	0	1.00811E-35	0	0	1.6359E-34
3613	0	3.15154E-36	0	0	5.11411E-35
3614	0	9.75425E-37	0	0	1.58286E-35
3615	0	2.98897E-37	0	0	4.85031E-36
3616	0	9.06792E-38	0	0	1.47148E-36
3617	0	2.72364E-38	0	0	4.41975E-37
3618	0	8.09934E-39	0	0	1.31431E-37
3619	0	2.38455E-39	0	0	3.86949E-38
3620	0	6.95056E-40	0	0	1.12789E-38
3621	0	2.00581E-40	0	0	3.2549E-39
3622	0	5.73084E-41	0	0	9.29962E-40
3623	0	1.62107E-41	0	0	2.63057E-40
3624	0	4.53988E-42	0	0	7.36702E-41
3625	0	1.25876E-42	0	0	2.04264E-41
3626	0	3.45541E-43	0	0	5.60721E-42
3627	0	9.39101E-44	0	0	1.52391E-42

3628	0	2.52687E-44	0	0	4.10043E-43
3629	0	6.73146E-45	0	0	1.09234E-43
3630	0	1.77539E-45	0	0	2.88099E-44
3631	0	4.63591E-46	0	0	7.52285E-45
3632	0	1.19849E-46	0	0	1.94482E-45
3633	0	3.06753E-47	0	0	4.97778E-46
3634	0	7.77322E-48	0	0	1.26139E-46
3635	0	1.95016E-48	0	0	3.16459E-47
3636	0	4.84392E-49	0	0	7.86039E-48
3637	0	1.19119E-49	0	0	1.93298E-48
3638	0	2.90015E-50	0	0	4.70618E-49
3639	0	6.99067E-51	0	0	1.1344E-49
3640	0	1.6683E-51	0	0	2.7072E-50
3641	0	3.94171E-52	0	0	6.39635E-51
3642	0	9.22049E-53	0	0	1.49624E-51
3643	0	2.1354E-53	0	0	3.46519E-52
3644	0	4.89624E-54	0	0	7.94529E-53
3645	0	1.11148E-54	0	0	1.80364E-53
3646	0	2.49804E-55	0	0	4.05366E-54
3647	0	5.55845E-56	0	0	9.01989E-55
3648	0	1.22452E-56	0	0	1.98707E-55
3649	0	2.67075E-57	0	0	4.33392E-56
3650	0	5.76711E-58	0	0	9.35849E-57
3651	0	1.23294E-58	0	0	2.00073E-57
3652	0	2.60964E-59	0	0	4.23475E-58
3653	0	5.4686E-60	0	0	8.87409E-59
3654	0	1.13457E-60	0	0	1.8411E-59
3655	0	2.33045E-61	0	0	3.78171E-60
3656	0	4.73923E-62	0	0	7.69051E-61
3657	0	9.54185E-63	0	0	1.54839E-61
3658	0	1.90202E-63	0	0	3.08647E-62
3659	0	3.75364E-64	0	0	6.09117E-63
3660	0	7.33414E-65	0	0	1.19014E-63
3661	0	1.41874E-65	0	0	2.30223E-64
3662	0	2.71714E-66	0	0	4.40919E-65
3663	0	5.15203E-67	0	0	8.36038E-66
3664	0	9.6717E-68	0	0	1.56946E-66
3665	0	1.79756E-68	0	0	2.91696E-67
3666	0	3.30767E-69	0	0	5.36747E-68
3667	0	6.02583E-70	0	0	9.77833E-69
3668	0	1.08685E-70	0	0	1.76367E-69
3669	0	1.94079E-71	0	0	3.14939E-70
3670	0	3.43119E-72	0	0	5.56791E-71
3671	0	6.00577E-73	0	0	9.74576E-72
3672	0	1.04076E-73	0	0	1.68887E-72
3673	0	1.78561E-74	0	0	2.89757E-73
3674	0	3.03306E-75	0	0	4.92185E-74
3675	0	5.10073E-76	0	0	8.27713E-75
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3679	0	3.69156E-79	0	0	5.99042E-78
3680	0	5.90536E-80	0	0	9.58284E-79
3681	0	9.35278E-81	0	0	1.51771E-79
3682	0	1.46653E-81	0	0	2.37979E-80
3683	0	2.27667E-82	0	0	3.69443E-81
3684	0	3.49917E-83	0	0	5.67822E-82
3685	0	5.3246E-84	0	0	8.64041E-83
3686	0	8.0217E-85	0	0	1.30171E-83
3687	0	1.19647E-85	0	0	1.94156E-84
3688	0	1.76683E-86	0	0	2.8671E-85
3689	0	2.58313E-87	0	0	4.19173E-86
3690	0	3.73899E-88	0	0	6.06738E-87
3691	0	5.35819E-89	0	0	8.69492E-88
3692	0	7.60221E-90	0	0	1.23364E-88
3693	0	1.06787E-90	0	0	1.73287E-89
3694	0	1.4851E-91	0	0	2.40991E-90
3695	0	2.04478E-92	0	0	3.31814E-91
3696	0	2.78738E-93	0	0	4.52318E-92
3697	0	3.76187E-94	0	0	6.10451E-93
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3699	0	6.64949E-96	0	0	1.07904E-94
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3702	0	1.44975E-98	0	0	2.35256E-97
3703	0	1.8427E-99	0	0	2.99013E-98
3704	0	2.3187E-100	0	0	3.7627E-99
3705	0	2.8888E-101	0	0	4.6877E-100
3706	0	3.5631E-102	0	0	5.782E-101
3707	0	4.3512E-103	0	0	7.0609E-102
3708	0	5.2607E-104	0	0	8.5367E-103
3709	0	6.297E-105	0	0	1.0218E-103
3710	0	7.4625E-106	0	0	1.211E-104
3711	0	8.7557E-107	0	0	1.4208E-105
3712	0	1.0171E-107	0	0	1.6504E-106
3713	0	1.1697E-108	0	0	1.8981E-107
3714	0	1.3318E-109	0	0	2.1612E-108
3715	0	1.5014E-110	0	0	2.4363E-109
3716	0	1.6756E-111	0	0	2.7191E-110
3717	0	1.8515E-112	0	0	3.0045E-111
3718	0	2.0255E-113	0	0	3.2868E-112
3719	0	2.1938E-114	0	0	3.5599E-113
3720	0	2.3524E-115	0	0	3.8173E-114
3721	0	2.4974E-116	0	0	4.0526E-115
3722	0	2.6249E-117	0	0	4.2596E-116
3723	0	2.7315E-118	0	0	4.4326E-117
3724	0	2.8142E-119	0	0	4.5667E-118
3725	0	2.8705E-120	0	0	4.6581E-119
3726	0	2.8988E-121	0	0	4.704E-120
3727	0	2.8983E-122	0	0	4.7031E-121
3728	0	2.8689E-123	0	0	4.6555E-122
3729	0	2.8116E-124	0	0	4.5624E-123
3730	0	2.728E-125	0	0	4.4268E-124

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3733	0	2.3467E-128	0	0	3.808E-127
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3735	0	2.019E-130	0	0	3.2763E-129
3736	0	1.8449E-131	0	0	2.9938E-130
3737	0	1.669E-132	0	0	2.7084E-131
3738	0	1.4949E-133	0	0	2.4258E-132
3739	0	1.3256E-134	0	0	2.1511E-133
3740	0	1.1638E-135	0	0	1.8885E-134
3741	0	1.0116E-136	0	0	1.6415E-135
3742	0	8.7049E-138	0	0	1.4126E-136
3743	0	7.4164E-139	0	0	1.2035E-137
3744	0	6.2558E-140	0	0	1.0152E-138
3745	0	5.2243E-141	0	0	8.4777E-140
3746	0	4.3195E-142	0	0	7.0094E-141
3747	0	3.5358E-143	0	0	5.7377E-142
3748	0	2.8656E-144	0	0	4.65E-143
3749	0	2.2992E-145	0	0	3.731E-144
3750	0	1.8265E-146	0	0	2.9639E-145
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3752	0	1.1185E-148	0	0	1.8151E-147
3753	0	8.6228E-150	0	0	1.3992E-148
3754	0	6.5812E-151	0	0	1.068E-149
3755	0	4.973E-152	0	0	8.0699E-151
3756	0	3.7205E-153	0	0	6.0373E-152
3757	0	2.7557E-154	0	0	4.4717E-153
3758	0	2.0208E-155	0	0	3.2791E-154
3759	0	1.4671E-156	0	0	2.3807E-155
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3761	0	7.5044E-159	0	0	1.2178E-157
3762	0	5.2873E-160	0	0	8.5798E-159
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3769	0	3.4438E-168	0	0	5.5884E-167
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3771	0	1.4422E-170	0	0	2.3404E-169
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3779	0	2.9739E-180	0	0	4.8258E-179
3780	0	1.7501E-181	0	0	2.84E-180
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3810	0	2.0695E-220	0	0	3.3583E-219
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3813	0	1.615E-224	0	0	2.6207E-223
3814	0	6.7648E-226	0	0	1.0978E-224
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3818	0	1.8843E-231	0	0	3.0578E-230
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3822	0	4.4727E-237	0	0	7.258E-236
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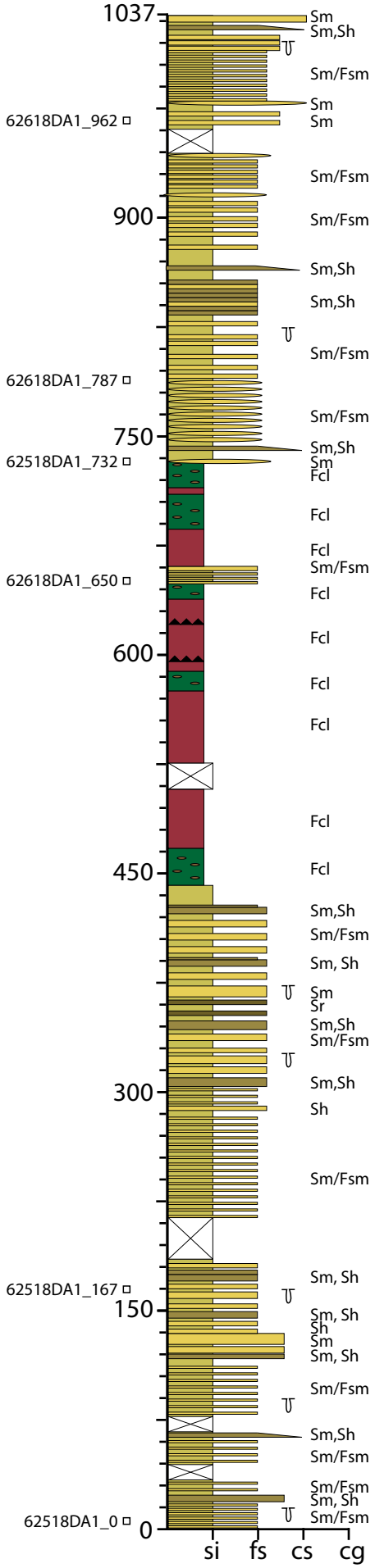
3990	0	0	0	0	0
3991	0	0	0	0	0
3992	0	0	0	0	0
3993	0	0	0	0	0
3994	0	0	0	0	0
3995	0	0	0	0	0
3996	0	0	0	0	0
3997	0	0	0	0	0
3998	0	0	0	0	0
3999	0	0	0	0	0
4000	0	0	0	0	0



Legend

Lithofacies codes:

- Sm, massive sandstone
- Sm, Sh horizontally laminated sandstone
- Sr, rippled sandstone
- Fsm, massive siltstone
- Fcl, laminated claystone

Sm, Sh, fining upward, interpreted as Bouma a,b turbidite

Sm/Fsm, alternating beds of both facies

Symbols

- Covered interval
- Chert nodule
- Small-scale bioturbation
- Chert, bed
- Detrital zircon sample