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M.A. Malkowski et al., 2016, Stratigraphic and provenance variations in the early evolution of the Magallanes–Austral foreland basin: Implications for the role of longitudinal vs. transverse sediment dispersal during arc-continent collision: GSA Bulletin, doi:10.1130/B31549.1.

DATA REPOSITORY TABLES

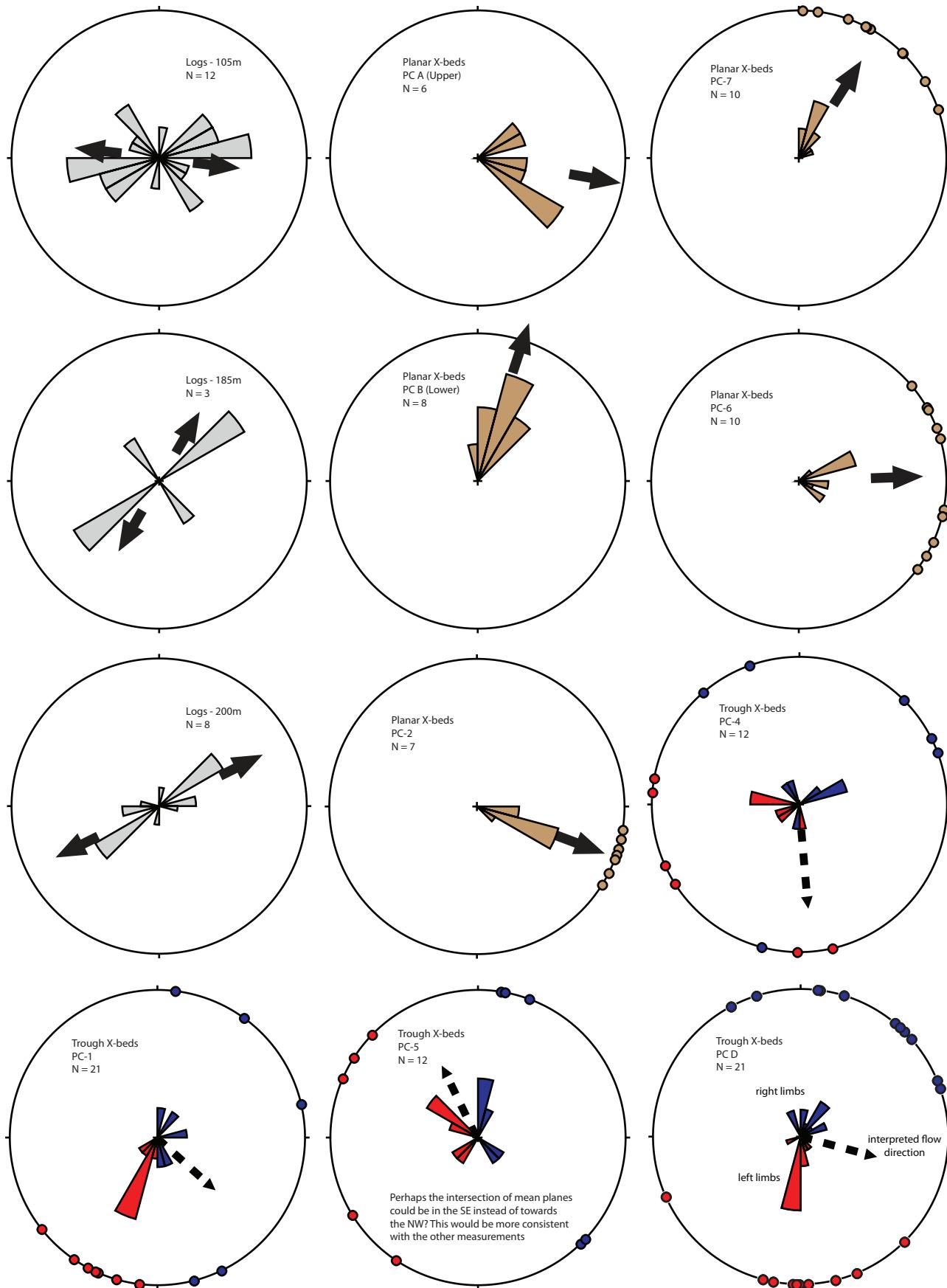
Appendix 1. Paleocurrent Summary

Appendix 2. Raw PC Data Summary

Appendix 3. Zircon Analytical Methods

Appendix 4. Analytical U-Pb detrital zircon results

Appendix 1: Paleocurrent summary of the Lago Viedma Formation.



Appendix 2: Raw and recalculated point-count data summary

Sample	Locality	Total										Total Q (Qm+Qp+C)		Total F (P+K)		Total L (Lv+Ls+Lm)		Total Q (%)		Total F (%)		Total L (%)		F		Lt		Qm (%)			F (%)			Lt (%)		
		Qm	Qp	P	K	C	Lv	Lm	Ls	A	Total	(N)	(Qm+Qp+C)	(P+K)	(Lv+Ls+Lm)	(%)	(%)	(%)	(P+K)	(Lv+Ls+Lm+Qp+chert)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)					
CP43	Lago Viedma Fm.	14	6	75	1	3	275	0	26	0	400	400	23	76	301	5.8	19.0	75.3	14	76	310	3.5	19.0	77.5												
CP68	Lago Viedma Fm.	70	17	73	0	15	216	1	8	0	400	400	102	73	225	25.5	18.3	56.3	70	73	257	17.5	18.3	64.3												
CP72	Lago Viedma Fm.	6	3	136	4	10	191	0	50	0	400	400	19	140	241	4.8	35.0	60.3	6	140	254	1.5	35.0	63.5												
CP150	Lago Viedma Fm.	97	30	65	6	3	178	0	19	2	400	398	130	71	197	32.7	17.8	49.5	97	71	230	24.4	17.8	57.8												
CP45	Lago Viedma Fm.	53	10	87	3	11	170	4	6	56	400	344	74	90	180	21.5	26.2	52.3	53	90	201	15.4	26.2	58.4												
CP146	Lago Viedma Fm.	240	21	8	0	9	117	0	4	1	400	399	270	8	121	67.7	2.0	30.3	240	8	151	60.2	2.0	37.8												
CP154	Lago Viedma Fm.	94	12	56	2	5	224	2	3	2	400	398	111	58	229	27.9	14.6	57.5	94	58	246	23.6	14.6	61.8												
CP147	Lago Viedma Fm.	65	11	96	5	0	210	0	13	0	400	400	76	101	223	19.0	25.3	55.8	65	101	234	16.3	25.3	58.5												
CP148	Lago Viedma Fm.	47	6	99	7	1	221	0	14	5	400	395	54	106	235	13.7	26.8	59.5	47	106	242	11.9	26.8	61.3												
LP33a	Punta Barrosa Fm.	91	56	57	1	22	88	14	69	2	400	398	169	58	171	42.5	14.6	43.0	91	58	249	22.9	14.6	62.6												
LTA83	Punta Barrosa Fm.	79	52	70	0	19	137	1	39	3	400	397	150	70	177	37.8	17.6	44.6	79	70	248	19.9	17.6	62.5												
LTA101	Punta Barrosa Fm.	75	40	67	2	13	177	0	26	0	400	400	128	69	203	32.0	17.3	50.8	75	69	256	18.8	17.3	64.0												
MP97	Punta Barrosa Fm.	95	27	63	0	4	192	1	11	7	400	393	126	63	204	32.1	16.0	51.9	95	63	235	24.2	16.0	59.8												
LH157	Punta Barrosa Fm.	36	9	46	1	24	230	0	53	1	400	399	69	47	283	17.3	11.8	70.9	36	47	316	9.0	11.8	79.2												
LTA90	Punta Barrosa Fm.	62	28	68	0	14	199	0	23	6	400	394	104	68	222	26.4	17.3	56.3	62	68	264	15.7	17.3	67.0												
LTA100	Punta Barrosa Fm.	54	19	38	0	9	257	4	18	1	400	399	82	38	279	20.6	9.5	69.9	54	38	307	13.5	9.5	76.9												
RG164	Punta Barrosa Fm.	75	40	67	2	13	177	0	26	0	400	400	128	69	203	32.0	17.3	50.8	75	69	256	18.8	17.3	64.0												

bold samples indicate that they have a zircon pair

APPENDIX 3. U-PB ZIRCON GEOCHRONOLOGY BY LA-ICPMS

Appendix 1A. Description of analytical methods in U-Pb zircon geochronology (Also available at www.laserchron.org)

Zircon separates were obtained from each sample for U-Pb geochronology following standard heavy mineral separation procedures of crushing, grinding, Gemini table, Frantz magnetic separation, and heavy liquids. A large fraction of the zircon grains (100's to 1000's) were mounted in epoxy with a Sri Lanka (SL) zircon standard. Mounts were sanded, polished, imaged, and cleaned prior to isotopic analysis.

U-Pb geochronology of zircons was conducted by laser ablation multicollector inductively coupled plasma mass spectrometry (LA-MC-ICPMS) at the Arizona LaserChron Center (ALC) (Gehrels et al., 2006, 2008). The analyses involve ablation of zircon with a New Wave UP193HE Excimer laser using a spot diameter of 30 microns. The ablated material is carried in helium into the plasma source of a Nu HR ICPMS, which is equipped with a flight tube of sufficient width that U, Th, and Pb isotopes are measured simultaneously. All measurements are made in static mode, using Faraday detectors with 3×10^{11} ohm resistors for ^{238}U , ^{232}Th , ^{208}Pb - ^{206}Pb , and discrete dynode ion counters for ^{204}Pb and ^{202}Hg . Ion yields are ~ 0.8 mv per ppm. Each analysis consists of one 15-second integration on peaks with the laser off (for backgrounds), 15 one-second integrations with the laser firing, and a 30 second delay to purge the previous sample and prepare for the next analysis. The ablation pit is ~ 15 microns in depth.

For each analysis, the errors in determining $^{206}\text{Pb}/^{238}\text{U}$ and $^{206}\text{Pb}/^{204}\text{Pb}$ result in a measurement error of $\sim 1\%-2\%$ (at 2-sigma level) in the $^{206}\text{Pb}/^{238}\text{U}$ age. The errors in measurement of $^{206}\text{Pb}/^{207}\text{Pb}$ and $^{206}\text{Pb}/^{204}\text{Pb}$ also result in $\sim 1\%-2\%$ (at 2-sigma level) uncertainty in age for grains that are >1.0 Ga, but are substantially larger for younger grains due to low intensity of the ^{207}Pb signal. For most analyses, the crossover in precision of $^{206}\text{Pb}/^{238}\text{U}$ and $^{206}\text{Pb}/^{207}\text{Pb}$ ages occurs at ca. 1.0 Ga. ^{204}Hg interference with ^{204}Pb is accounted for measurement of ^{202}Hg during laser ablation and subtraction of ^{204}Hg according to the natural $^{202}\text{Hg}/^{204}\text{Hg}$ of 4.35. This Hg correction is not significant for most analyses because our Hg backgrounds are low (generally ~ 150 cps at mass 204). Common Pb correction is accomplished by using the Hg-corrected ^{204}Pb and assuming an initial Pb composition from Stacey and Kramers (1975). Uncertainties of 1.5 for $^{206}\text{Pb}/^{204}\text{Pb}$ and 0.3 for $^{207}\text{Pb}/^{204}\text{Pb}$ are applied to these compositional values based on the variation in Pb isotopic composition in modern crystal rocks.

Inter-element fractionation of Pb/U is generally $\sim 5\%$, whereas apparent fractionation of Pb isotopes is generally $<0.2\%$. In-run analysis of fragments of a large zircon crystal (generally every fifth measurement) with known age of 563.5 ± 3.2 Ma (2-sigma error) is used to correct for this fractionation. The uncertainty resulting from the calibration correction is generally 1%–2% (2-sigma) for both $^{206}\text{Pb}/^{207}\text{Pb}$ and $^{206}\text{Pb}/^{238}\text{U}$ ages. Concentrations of U and Th are calibrated relative to our Sri Lanka zircon, which contains ~ 518 ppm of U and 68 ppm Th. Uncertainties shown at the 1-sigma level, and include only measurement errors. Analyses that are $>20\%$ discordant (by comparison of $^{206}\text{Pb}/^{238}\text{U}$ and $^{206}\text{Pb}/^{207}\text{Pb}$ ages) or $>5\%$ reverse discordant (in italics) are not considered further.

REFERENCES CITED

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- Gehrels, G.E., Valencia, V., and Ruiz, J., 2008, Enhanced precision, accuracy, efficiency, and spatial resolution of U-Pb ages by laser ablation–multicollector–inductively coupled plasma–mass spectrometry: Geochemistry Geophysics Geosystems, v. 9, Q03017, doi:10.1029/2007GC001805.
- Stacey, J.S., and Kramers, J.D., 1975, Approximation of terrestrial lead isotope evolution by a two-stage model: Earth and Planetary Science Letters, v. 26, p. 207–221, doi:10.1016/0012-821X(75)90088-6.

Appendix 3: U-Pb detrital zircon results

All uncertainties are expressed at 1sigma.

Analysis	U (ppm)	206Pb 204Pb	U/Th	206Pb*	±	Isotope ratios			error	206Pb*	±	Apparent ages (Ma)			Best age (Ma)	± (Ma)		
						207Pb*	±	206Pb*				238U	(%)	corr.	238U*	(Ma)	235U	(Ma)
						207Pb*	(%)	235U*										
MAM11-CP09B-84	688	31229	0.8	22.2606	5.5	0.0903	6.9	0.0146	4.3	0.61	93.3	4.0	87.8	5.8	-59.8	133.7	93.3	4.0
MAM11-CP09B-91	265	14071	0.3	22.2782	18.9	0.0909	20.2	0.0147	7.0	0.35	93.9	6.5	88.3	17.1	-61.8	464.8	93.9	6.5
MAM11-CP09B-89	623	24744	0.6	20.8284	6.3	0.1024	6.6	0.0155	1.8	0.27	99.0	1.7	99.0	6.2	99.8	150.2	99.0	1.7
MAM11-CP09B-11	335	13061	0.5	21.0830	12.2	0.1014	12.5	0.0155	2.9	0.23	99.2	2.9	98.0	11.7	71.0	289.9	99.2	2.9
MAM11-CP09B-41	143	5015	0.7	19.2337	32.0	0.1112	32.8	0.0155	7.2	0.22	99.2	7.0	107.1	33.3	285.1	748.0	99.2	7.0
MAM11-CP09B-47	130	3776	0.9	25.3653	42.1	0.0843	42.5	0.0155	5.3	0.12	99.2	5.2	82.2	33.5	-388.5	1139.8	99.2	5.2
MAM11-CP09B-38	533	25076	0.9	20.9477	6.7	0.1028	7.0	0.0156	1.9	0.27	99.9	1.9	99.4	6.6	86.3	159.0	99.9	1.9
MAM11-CP09B-10	1051	61387	2.7	20.9780	3.3	0.1028	3.6	0.0156	1.4	0.40	100.1	1.4	99.4	3.4	82.9	78.9	100.1	1.4
MAM11-CP09B-62	468	21981	0.4	21.5270	5.6	0.1003	5.9	0.0157	1.6	0.28	100.2	1.6	97.1	5.4	21.2	135.1	100.2	1.6
MAM11-CP09B-25	295	13140	0.9	19.9193	12.5	0.1086	13.1	0.0157	4.0	0.31	100.3	4.0	104.7	13.0	204.4	290.7	100.3	4.0
MAM11-CP09B-15	448	929	1.0	19.2658	7.8	0.1123	8.0	0.0157	1.4	0.18	100.4	1.4	108.1	8.2	281.3	179.4	100.4	1.4
MAM11-CP09B-12	144	15541	0.8	18.4717	28.2	0.1172	28.7	0.0157	5.5	0.19	100.4	5.5	112.5	30.6	376.7	646.3	100.4	5.5
MAM11-CP09B-49	205	7741	1.5	21.5167	17.8	0.1008	18.2	0.0157	3.6	0.20	100.6	3.6	97.5	16.9	22.4	431.3	100.6	3.6
MAM11-CP09B-73	337	9639	0.7	20.9103	12.3	0.1040	12.5	0.0158	1.9	0.15	100.9	1.9	100.5	11.9	90.5	292.8	100.9	1.9
MAM11-CP09B-18	136	4999	0.9	32.3358	53.7	0.0673	54.2	0.0158	7.4	0.14	101.0	7.4	66.1	34.7	-1066.5	1721.6	101.0	7.4
MAM11-CP09B-48	112	4207	1.1	27.0671	48.6	0.0806	49.5	0.0158	9.1	0.18	101.1	9.2	78.7	37.5	-560.5	1381.9	101.1	9.2
MAM11-CP09B-6	264	7764	0.6	20.8197	18.3	0.1048	18.6	0.0158	3.6	0.19	101.2	3.6	101.2	17.9	100.8	435.0	101.2	3.6
MAM11-CP09B-92	399	3048	0.5	20.2049	12.0	0.1080	12.3	0.0158	2.7	0.22	101.2	2.7	104.1	12.2	171.2	280.8	101.2	2.7
MAM11-CP09B-42	1440	101273	0.4	20.4287	2.1	0.1068	2.4	0.0158	1.2	0.50	101.2	1.2	103.0	2.3	145.5	48.1	101.2	1.2
MAM11-CP09B-35	677	30921	0.6	21.4896	10.1	0.1017	10.5	0.0158	2.6	0.25	101.4	2.6	98.3	9.8	25.4	243.6	101.4	2.6
MAM11-CP09B-56	281	9170	1.5	20.3112	10.8	0.1078	11.2	0.0159	3.2	0.29	101.6	3.3	103.9	11.1	159.0	252.3	101.6	3.3
MAM11-CP09B-71	128	2896	1.5	22.7077	51.0	0.0965	51.2	0.0159	4.5	0.09	101.7	4.5	93.6	45.8	-108.6	1336.0	101.7	4.5
MAM11-CP09B-24	1168	44968	1.6	21.2041	4.7	0.1035	5.7	0.0159	3.2	0.57	101.8	3.2	100.0	5.4	57.3	111.3	101.8	3.2
MAM11-CP09B-36	122	2909	0.7	21.1590	32.0	0.1038	32.4	0.0159	5.1	0.16	101.9	5.2	100.3	30.9	62.5	779.5	101.9	5.2
MAM11-CP09B-51	212	8714	0.8	21.8947	12.5	0.1004	13.2	0.0159	4.2	0.32	101.9	4.3	97.1	12.3	-19.6	304.2	101.9	4.3
MAM11-CP09B-77	235	9095	0.6	19.4735	16.8	0.1129	17.1	0.0159	3.2	0.19	102.0	3.3	108.6	17.6	256.7	388.7	102.0	3.3
MAM11-CP09B-98	562	37589	0.8	20.3242	10.2	0.1082	10.3	0.0159	1.6	0.15	102.0	1.6	104.3	10.2	157.5	238.6	102.0	1.6
MAM11-CP09B-90	252	33721	0.5	23.1600	14.1	0.0951	14.4	0.0160	3.0	0.21	102.2	3.0	92.2	12.7	-157.3	352.1	102.2	3.0
MAM11-CP09B-65	105	2886	1.2	17.3213	22.8	0.1273	24.2	0.0160	8.1	0.34	102.2	8.3	121.6	27.8	519.6	506.5	102.2	8.3
MAM11-CP09B-74	579	3716	0.9	19.2623	10.1	0.1145	10.2	0.0160	1.9	0.18	102.3	1.9	110.1	10.7	281.7	230.6	102.3	1.9
MAM11-CP09B-58	477	14808	1.0	19.7314	9.2	0.1119	9.7	0.0160	3.1	0.32	102.4	3.2	107.7	9.9	226.3	213.2	102.4	3.2
MAM11-CP09B-64	788	15700	0.8	21.9128	4.4	0.1009	4.9	0.0160	2.2	0.45	102.5	2.2	97.6	4.5	-21.6	105.6	102.5	2.2
MAM11-CP09B-22	1704	78822	1.5	20.4115	2.8	0.1083	3.3	0.0160	1.8	0.56	102.5	1.9	104.4	3.3	147.4	64.5	102.5	1.9
MAM11-CP09B-99	128	12775	1.4	23.1817	21.3	0.0954	23.2	0.0160	9.2	0.40	102.5	9.3	92.5	20.5	-159.6	534.1	102.5	9.3
MAM11-CP09B-23	147	16159	0.8	16.8891	23.2	0.1310	23.8	0.0160	5.1	0.21	102.6	5.2	125.0	28.0	574.8	510.9	102.6	5.2
MAM11-CP09B-93	99	3255	0.6	22.5293	38.4	0.0983	38.6	0.0161	4.1	0.11	102.7	4.2	95.2	35.1	-89.2	973.2	102.7	4.2
MAM11-CP09B-14	206	7335	0.8	21.3372	28.7	0.1040	28.8	0.0161	3.2	0.11	102.9	3.3	100.5	27.6	42.4	697.6	102.9	3.3
MAM11-CP09B-80	130	23441	1.1	21.5196	20.7	0.1032	21.4	0.0161	5.6	0.26	103.0	5.8	99.7	20.3	22.0	500.4	103.0	5.8
MAM11-CP09B-86	84	3063	0.8	6.8350	782.8	0.3250	782.8	0.0161	6.1	0.01	103.0	6.2	285.7	#NUM!	2303.2	0.0	103.0	6.2
MAM11-CP09B-44	598	20707	2.0	19.7235	7.5	0.1127	7.7	0.0161	1.9	0.24	103.1	1.9	108.5	7.9	227.2	173.6	103.1	1.9
MAM11-CP09B-60	706	29146	1.2	20.4777	5.2	0.1086	5.8	0.0161	2.5	0.43	103.1	2.6	104.7	5.8	139.8	122.7	103.1	2.6

MAM11-CP09B-21	176	12719	1.4	20.4207	29.9	0.1091	30.1	0.0162	3.6	0.12	103.3	3.7	105.1	30.1	146.4	714.9	103.3	3.7
MAM11-CP09B-13	647	1812	0.4	19.3034	13.5	0.1158	13.7	0.0162	2.3	0.16	103.6	2.3	111.2	14.5	276.8	311.2	103.6	2.3
MAM11-CP09B-95	531	17172	0.8	20.7510	6.3	0.1078	6.9	0.0162	2.9	0.42	103.7	3.0	103.9	6.8	108.6	148.6	103.7	3.0
MAM11-CP09B-68	104	3725	0.9	25.7282	51.0	0.0872	51.4	0.0163	6.8	0.13	104.0	7.0	84.9	41.9	-425.6	1418.6	104.0	7.0
MAM11-CP09B-87	618	23887	1.2	20.7804	6.0	0.1081	6.0	0.0163	0.8	0.13	104.2	0.8	104.3	6.0	105.3	141.1	104.2	0.8
MAM11-CP09B-63	87	2387	1.1	31.3026	45.3	0.0719	46.0	0.0163	7.7	0.17	104.3	8.0	70.5	31.3	-969.8	1392.9	104.3	8.0
MAM11-CP09B-32	398	5593	1.1	15.5416	37.1	0.1462	37.6	0.0165	6.4	0.17	105.4	6.7	138.5	48.8	752.9	810.0	105.4	6.7
MAM11-CP09B-37	529	16305	0.8	20.9705	9.2	0.1087	9.4	0.0165	1.7	0.18	105.7	1.8	104.8	9.4	83.7	219.4	105.7	1.8
MAM11-CP09B-20	236	7216	1.1	22.2768	15.8	0.1034	18.2	0.0167	8.9	0.49	106.8	9.5	99.9	17.3	-61.6	388.0	106.8	9.5
MAM11-CP09B-55	200	6313	0.6	21.8030	28.2	0.1063	28.7	0.0168	5.3	0.19	107.4	5.7	102.6	28.0	-9.4	691.8	107.4	5.7
MAM11-CP09B-78	1096	29248	1.8	20.4383	3.6	0.1134	3.8	0.0168	1.2	0.31	107.5	1.2	109.1	3.9	144.3	84.3	107.5	1.2
MAM11-CP09B-88	276	20385	1.6	21.9715	14.1	0.1058	14.5	0.0169	3.3	0.22	107.8	3.5	102.1	14.1	-28.1	343.9	107.8	3.5
MAM11-CP09B-100	501	43347	1.0	21.2906	6.0	0.1099	6.9	0.0170	3.2	0.47	108.5	3.5	105.9	6.9	47.6	144.5	108.5	3.5
MAM11-CP09B-50	460	24459	0.8	20.9574	8.4	0.1120	9.2	0.0170	3.9	0.42	108.8	4.2	107.7	9.4	85.2	198.9	108.8	4.2
MAM11-CP09B-3	109	3508	1.1	27.9206	60.5	0.0845	60.8	0.0171	5.4	0.09	109.4	5.9	82.4	48.1	-644.9	1812.2	109.4	5.9
MAM11-CP09B-72	2233	64671	1.4	21.1030	3.3	0.1119	3.5	0.0171	1.1	0.33	109.5	1.2	107.7	3.5	68.8	77.8	109.5	1.2
MAM11-CP09B-45	871	39965	1.4	20.6818	5.2	0.1152	6.2	0.0173	3.4	0.55	110.5	3.7	110.8	6.5	116.5	121.9	110.5	3.7
MAM11-CP09B-8	118	4529	1.7	22.4496	23.4	0.1063	24.1	0.0173	5.9	0.24	110.6	6.4	102.6	23.6	-80.5	580.3	110.6	6.4
MAM11-CP09B-66	210	10848	1.6	18.8164	14.8	0.1271	16.1	0.0173	6.3	0.39	110.8	6.9	121.5	18.4	335.0	337.1	110.8	6.9
MAM11-CP09B-67	204	5372	1.5	21.1694	16.1	0.1132	16.7	0.0174	4.5	0.27	111.1	4.9	108.9	17.3	61.3	385.9	111.1	4.9
MAM11-CP09B-97	238	10000	1.3	21.2002	15.8	0.1136	16.3	0.0175	4.1	0.25	111.7	4.5	109.3	16.9	57.8	378.2	111.7	4.5
MAM11-CP09B-43	318	14393	1.1	21.4862	14.5	0.1122	14.7	0.0175	2.4	0.16	111.7	2.7	107.9	15.1	25.8	349.8	111.7	2.7
MAM11-CP09B-70	403	19562	1.7	21.6977	11.4	0.1113	11.6	0.0175	1.9	0.17	111.9	2.2	107.1	11.8	2.2	275.6	111.9	2.2
MAM11-CP09B-26	308	11803	1.4	23.3896	11.6	0.1033	12.1	0.0175	3.4	0.28	112.0	3.8	99.8	11.5	-181.9	289.8	112.0	3.8
MAM11-CP09B-1	491	14139	1.3	22.5379	9.9	0.1077	10.6	0.0176	3.7	0.35	112.5	4.2	103.9	10.4	-90.1	243.1	112.5	4.2
MAM11-CP09B-75	681	29848	1.9	20.5103	6.7	0.1184	6.8	0.0176	1.4	0.21	112.6	1.6	113.7	7.3	136.1	157.0	112.6	1.6
MAM11-CP09B-29	543	31363	1.4	20.4889	7.5	0.1186	7.6	0.0176	1.3	0.18	112.6	1.5	113.8	8.2	138.6	176.5	112.6	1.5
MAM11-CP09B-52	931	44592	1.6	21.4791	5.2	0.1132	7.3	0.0176	5.1	0.70	112.7	5.7	108.9	7.5	26.5	124.4	112.7	5.7
MAM11-CP09B-17	611	3192	1.8	19.0877	10.7	0.1274	12.9	0.0176	7.3	0.57	112.7	8.2	121.8	14.9	302.5	243.8	112.7	8.2
MAM11-CP09B-81	179	7754	1.3	20.9867	12.4	0.1159	12.9	0.0176	3.5	0.27	112.8	3.9	111.4	13.6	81.9	296.1	112.8	3.9
MAM11-CP09B-46	1427	37346	1.6	20.5569	2.7	0.1188	3.0	0.0177	1.4	0.46	113.2	1.6	114.0	3.3	130.8	63.5	113.2	1.6
MAM11-CP09B-96	1007	21207	1.6	20.7840	4.1	0.1176	4.3	0.0177	1.1	0.26	113.3	1.2	112.9	4.6	104.9	97.3	113.3	1.2
MAM11-CP09B-82	256	11297	1.5	20.5130	11.3	0.1206	12.3	0.0179	4.8	0.39	114.6	5.5	115.6	13.5	135.8	267.3	114.6	5.5
MAM11-CP09B-16	547	20618	1.2	21.2180	7.9	0.1168	8.1	0.0180	1.3	0.17	114.8	1.5	112.1	8.6	55.8	189.7	114.8	1.5
MAM11-CP09B-79	706	31179	1.5	20.3866	4.7	0.1216	5.4	0.0180	2.6	0.49	114.9	3.0	116.5	6.0	150.3	110.8	114.9	3.0
MAM11-CP09B-28	361	11548	1.1	18.5806	7.7	0.1336	7.9	0.0180	1.7	0.22	115.0	2.0	127.3	9.5	363.5	174.7	115.0	2.0
MAM11-CP09B-61	434	17644	1.7	21.8672	10.8	0.1137	11.2	0.0180	3.1	0.28	115.2	3.5	109.4	11.6	-16.5	261.3	115.2	3.5
MAM11-CP09B-57	163	3774	1.3	22.2413	27.2	0.1135	27.7	0.0183	5.2	0.19	117.0	6.1	109.2	28.6	-57.7	672.6	117.0	6.1
MAM11-CP09B-85	359	4635	1.2	20.0111	8.8	0.1270	9.2	0.0184	2.6	0.28	117.7	3.0	121.4	10.5	193.7	206.1	117.7	3.0
MAM11-CP09B-30	75	5971	1.0	25.8126	59.3	0.0987	59.6	0.0185	6.5	0.11	118.1	7.6	95.6	54.5	-434.2	1693.8	118.1	7.6
MAM11-CP09B-19	372	12819	1.4	20.5329	10.9	0.1245	10.9	0.0185	1.2	0.11	118.4	1.4	119.1	12.3	133.5	256.1	118.4	1.4
MAM11-CP09B-34	358	3739	1.3	21.4517	11.9	0.1196	12.2	0.0186	2.5	0.21	118.8	3.0	114.7	13.2	29.6	287.2	118.8	3.0
MAM11-CP09B-39	323	22070	1.1	21.6734	6.4	0.1187	6.7	0.0187	2.0	0.30	119.2	2.4	113.9	7.3	4.9	154.9	119.2	2.4
MAM11-CP09B-2	739	28205	1.5	20.8446	5.0	0.1254	5.6	0.0190	2.5	0.45	121.1	3.0	120.0	6.4	98.0	119.4	121.1	3.0
MAM11-CP09B-94	185	5989	0.9	21.7529	20.5	0.1267	21.0	0.0200	4.4	0.21	127.5	5.5	121.1	23.9	-3.9	498.6	127.5	5.5
MAM11-CP09B-76	1011	53365	0.9	20.4650	3.9	0.1520	4.1	0.0226	1.2	0.30	143.9	1.7	143.7	5.4	141.3	91.0	143.9	1.7
MAM11-CP09B-40	216	6195	2.3	20.5016	13.1	0.1546	13.6	0.0230	3.7	0.27	146.5	5.3	146.0	18.5	137.1	309.3	146.5	5.3
MAM11-CP09B-69	137	7312	0.8	20.5391	14.4	0.1919	14.7	0.0286	3.0	0.21	181.7	5.4	178.2	24.1	132.8	340.8	181.7	5.4
MAM11-CP09B-5	59	4955	1.9	20.6631	46.4	0.1922	47.1	0.0288	8.2	0.17	183.1	14.8	178.5	77.3	118.7	1151.0	183.1	14.8
MAM11-CP09B-59	411	38796	0.9	20.5757	5.5	0.1968	5.8	0.0294	1.9	0.32	186.6	3.4	182.4	9.7	128.7	129.7	186.6	3.4

MAM11-CP09B-54	1169	182743	0.5	20.0032	1.7	0.2063	1.9	0.0299	0.8	0.44	190.1	1.6	190.5	3.3	194.6	39.6	190.1	1.6
MAM11-CP09B-31	499	32575	1.7	18.8931	6.1	0.2232	9.8	0.0306	7.7	0.78	194.2	14.7	204.6	18.2	325.8	139.1	194.2	14.7
MAM11-CP09B-53	517	39538	1.7	19.5756	4.2	0.3141	4.4	0.0446	1.4	0.32	281.2	3.9	277.3	10.7	244.6	96.0	281.2	3.9
MAM11-CP09B-4	431	48487	1.3	16.2992	4.8	0.7140	4.9	0.0844	1.0	0.21	522.4	5.1	547.1	20.6	651.6	102.4	522.4	5.1

MAM12-CP37A-11	254	10817	0.7	20.7111	10.8	0.1026	12.0	0.0154	5.3	0.44	98.6	5.2	99.2	11.4	113.2	255.0	98.6	5.2
MAM12-CP37A-9	72	5486	0.8	21.3984	12.3	0.0999	14.0	0.0155	6.7	0.48	99.1	6.6	96.6	12.9	35.6	295.1	99.1	6.6
MAM12-CP37A-27	378	20526	0.3	18.7626	12.1	0.1152	12.4	0.0157	2.6	0.21	100.3	2.6	110.7	13.0	341.5	275.4	100.3	2.6
MAM12-CP37A-21	81	7713	0.9	24.7929	24.4	0.0872	24.8	0.0157	4.4	0.18	100.3	4.3	84.9	20.2	-329.5	636.1	100.3	4.3
MAM12-CP37A-19	368	14935	1.1	21.8149	7.1	0.0997	7.3	0.0158	1.7	0.23	100.9	1.7	96.5	6.7	-10.8	170.9	100.9	1.7
MAM12-CP37A-25	62	913	1.3	20.3013	19.7	0.1074	20.3	0.0158	5.2	0.25	101.2	5.2	103.6	20.0	160.1	464.1	101.2	5.2
MAM12-CP37A-16	265	16089	1.6	20.5970	8.4	0.1066	8.9	0.0159	3.0	0.34	101.8	3.0	102.8	8.7	126.2	197.1	101.8	3.0
MAM12-CP37A-23	62	5614	1.4	21.1991	23.7	0.1038	24.0	0.0160	3.4	0.14	102.0	3.5	100.3	22.9	57.9	572.1	102.0	3.5
MAM12-CP37A-10	389	120731	0.7	20.8151	7.0	0.1067	7.4	0.0161	2.3	0.31	103.0	2.3	102.9	7.2	101.3	166.4	103.0	2.3
MAM12-CP37A-24	208	23803	1.1	21.5856	8.5	0.1063	9.8	0.0166	4.8	0.49	106.4	5.1	102.6	9.6	14.7	205.1	106.4	5.1
MAM12-CP37A-8	257	23187	1.1	20.0062	7.8	0.1156	8.4	0.0168	3.0	0.36	107.3	3.2	111.1	8.8	194.3	181.9	107.3	3.2
MAM12-CP37A-15	141	11164	1.2	23.0891	8.4	0.1036	9.3	0.0174	3.9	0.42	110.9	4.2	100.1	8.8	-149.7	209.2	110.9	4.2
MAM12-CP37A-6	428	31694	1.5	20.7280	4.9	0.1182	5.2	0.0178	1.9	0.37	113.6	2.1	113.4	5.6	111.2	114.7	113.6	2.1
MAM12-CP37A-1	470	36413	2.4	20.2078	3.0	0.1244	4.0	0.0182	2.7	0.68	116.5	3.1	119.1	4.5	170.9	69.2	116.5	3.1
MAM12-CP37A-28	139	26880	1.1	21.8882	14.7	0.1153	15.0	0.0183	2.9	0.19	116.9	3.4	110.8	15.7	-18.9	356.9	116.9	3.4
MAM12-CP37A-14	196	16033	1.2	20.5567	8.9	0.1277	9.1	0.0190	2.2	0.24	121.6	2.6	122.0	10.5	130.8	209.0	121.6	2.6
MAM12-CP37A-26	141	14136	0.9	21.3489	5.3	0.1269	6.1	0.0196	2.8	0.47	125.4	3.5	121.3	6.9	41.1	128.0	125.4	3.5
MAM12-CP37A-5	153	11882	1.1	19.4002	11.4	0.1400	11.7	0.0197	2.7	0.23	125.7	3.4	133.0	14.6	265.3	261.5	125.7	3.4
MAM12-CP37A-2	351	36041	1.2	20.8245	8.7	0.1375	8.9	0.0208	1.9	0.22	132.5	2.5	130.8	10.9	100.3	205.2	132.5	2.5
MAM12-CP37A-22	265	22945	1.2	18.5406	17.1	0.1628	18.9	0.0219	8.1	0.43	139.6	11.2	153.1	26.9	368.3	387.7	139.6	11.2
MAM12-CP37A-17	190	42374	1.4	20.8847	7.8	0.1446	8.0	0.0219	1.7	0.21	139.7	2.3	137.2	10.3	93.4	186.1	139.7	2.3
MAM12-CP37A-12	35	7334	0.7	19.3060	40.8	0.2026	41.1	0.0284	5.1	0.12	180.3	9.1	187.3	70.5	276.5	972.0	180.3	9.1
MAM12-CP37A-18	80	7405	0.3	18.5256	8.8	0.2127	9.1	0.0286	2.4	0.26	181.6	4.3	195.8	16.2	370.2	198.7	181.6	4.3
MAM12-CP37A-20	291	129883	1.8	17.7988	2.0	0.4665	4.7	0.0602	4.2	0.91	377.0	15.5	388.8	15.1	459.6	43.9	377.0	15.5
MAM12-CP37A-13	87	42588	1.9	17.4934	3.0	0.4813	3.8	0.0611	2.4	0.63	382.1	9.0	399.0	12.7	497.9	65.4	382.1	9.0
MAM12-CP37A-4	101	33083	1.4	17.5204	2.2	0.6325	3.1	0.0804	2.1	0.68	498.3	10.0	497.6	12.1	494.5	49.6	498.3	10.0
MAM12-CP37A-3	477	186175	10.7	14.3000	1.0	1.3540	5.9	0.1404	5.8	0.99	847.1	46.2	869.3	34.5	926.3	20.5	847.1	46.2

MAM12-CP41-64	124	4684	0.6	22.7089	16.1	0.0851	17.3	0.0140	6.1	0.35	89.7	5.4	82.9	13.7	-108.7	399.4	89.7	5.4
MAM12-CP41-65	65	3835	0.4	20.9710	31.9	0.1009	33.2	0.0153	9.2	0.28	98.2	8.9	97.6	30.9	83.6	774.1	98.2	8.9
MAM12-CP41-98	106	3047	1.1	16.0384	19.9	0.1322	20.3	0.0154	3.7	0.18	98.4	3.6	126.1	24.0	686.2	429.4	98.4	3.6
MAM12-CP41-28	331	29382	0.4	20.7109	7.7	0.1025	8.2	0.0154	2.9	0.35	98.5	2.8	99.1	7.8	113.2	182.2	98.5	2.8
MAM12-CP41-11	102	6628	1.0	19.4222	18.3	0.1096	18.8	0.0154	4.3	0.23	98.7	4.2	105.6	18.9	262.7	423.8	98.7	4.2
MAM12-CP41-85	94	4460	0.7	21.3680	29.9	0.1002	30.3	0.0155	5.1	0.17	99.3	5.0	97.0	28.1	39.0	730.0	99.3	5.0
MAM12-CP41-97	171	7958	0.9	21.9276	13.5	0.0978	14.2	0.0156	4.3	0.30	99.5	4.3	94.7	12.9	-23.2	329.0	99.5	4.3
MAM12-CP41-1	100	9029	0.5	25.5820	27.0	0.0840	27.4	0.0156	4.3	0.16	99.7	4.3	81.9	21.5	-410.7	717.4	99.7	4.3
MAM12-CP41-10	113	7536	0.7	18.9805	17.7	0.1134	18.2	0.0156	4.2	0.23	99.9	4.1	109.1	18.8	315.3	405.4	99.9	4.1
MAM12-CP41-6	277	15431	0.5	21.0869	8.3	0.1022	8.4	0.0156	1.6	0.19	100.0	1.6	98.8	7.9	70.6	196.8	100.0	1.6
MAM12-CP41-80	157	6464	1.3	18.5862	14.8	0.1161	15.7	0.0156	5.1	0.33	100.1	5.1	111.5	16.6	362.8	335.8	100.1	5.1
MAM12-CP41-48	184	14804	1.0	21.2790	8.6	0.1014	8.9	0.0157	1.9	0.22	100.1	1.9	98.1	8.3	48.9	206.9	100.1	1.9
MAM12-CP41-36	123	5108	1.1	23.1232	24.9	0.0934	25.0	0.0157	1.9	0.08	100.2	1.9	90.6	21.7	-153.4	627.0	100.2	1.9
MAM12-CP41-42	180	9925	0.7	20.7663	15.7	0.1040	16.1	0.0157	3.8	0.23	100.2	3.7	100.5	15.4	106.9	371.7	100.2	3.7
MAM12-CP41-54	67	7220	0.7	21.0291	35.5	0.1027	36.0	0.0157	5.6	0.16	100.2	5.5	99.3	34.0	77.1	868.2	100.2	5.5
MAM12-CP41-79	71	5172	0.8	23.8355	26.6	0.0907	27.4	0.0157	6.5	0.24	100.3	6.5	88.1	23.1	-229.3	680.7	100.3	6.5
MAM12-CP41-69	253	14210	0.6	20.7749	7.1	0.1041	7.4	0.0157	2.3	0.31	100.4	2.3	100.6	7.1	105.9	167.5	100.4	2.3

MAM12-CP41-21	94	8972	0.9	26.4624	30.9	0.0819	31.1	0.0157	4.3	0.14	100.5	4.3	79.9	23.9	-500.0	837.7	100.5	4.3
MAM12-CP41-67	496	61190	0.9	21.2239	5.4	0.1022	5.7	0.0157	1.9	0.34	100.6	1.9	98.8	5.4	55.1	128.1	100.6	1.9
MAM12-CP41-92	91	8036	1.0	17.9696	14.3	0.1207	14.7	0.0157	3.1	0.21	100.6	3.1	115.7	16.0	438.4	320.3	100.6	3.1
MAM12-CP41-57	174	11020	0.6	19.6774	11.6	0.1103	11.7	0.0157	1.9	0.16	100.7	1.9	106.3	11.8	232.6	267.9	100.7	1.9
MAM12-CP41-20	163	21623	0.8	19.6216	11.6	0.1107	12.0	0.0157	3.0	0.25	100.7	3.0	106.6	12.1	239.2	267.8	100.7	3.0
MAM12-CP41-89	172	11577	1.0	20.5305	16.9	0.1061	17.3	0.0158	3.7	0.21	101.1	3.7	102.4	16.9	133.8	400.0	101.1	3.7
MAM12-CP41-59	117	7288	0.8	24.2416	19.1	0.0899	19.3	0.0158	3.1	0.16	101.1	3.1	87.4	16.2	-272.0	488.3	101.1	3.1
MAM12-CP41-53	80	4960	0.6	21.0103	32.1	0.1039	32.6	0.0158	5.3	0.16	101.3	5.3	100.4	31.1	79.2	780.7	101.3	5.3
MAM12-CP41-12	106	13530	0.7	21.9019	11.3	0.1001	11.5	0.0159	2.2	0.19	101.7	2.2	96.9	10.6	-20.4	273.7	101.7	2.2
MAM12-CP41-61	184	6184	1.0	19.8128	10.7	0.1109	11.0	0.0159	2.3	0.21	101.9	2.4	106.8	11.1	216.8	249.0	101.9	2.4
MAM12-CP41-29	125	10025	1.1	22.2550	9.6	0.0991	10.2	0.0160	3.6	0.35	102.3	3.6	95.9	9.4	-59.2	233.7	102.3	3.6
MAM12-CP41-90	237	44401	1.0	24.2374	17.3	0.0913	17.4	0.0161	1.9	0.11	102.7	1.9	88.7	14.8	-271.6	443.0	102.7	1.9
MAM12-CP41-40	224	3246	1.2	23.3992	15.2	0.0947	15.3	0.0161	2.2	0.14	102.8	2.2	91.9	13.5	-182.9	381.1	102.8	2.2
MAM12-CP41-39	501	10108	0.5	19.2765	4.0	0.1151	4.5	0.0161	1.9	0.43	102.9	2.0	110.6	4.7	280.0	92.1	102.9	2.0
MAM12-CP41-88	72	6118	0.8	18.6419	10.9	0.1194	11.6	0.0161	3.9	0.34	103.2	4.0	114.5	12.6	356.1	247.6	103.2	4.0
MAM12-CP41-47	142	8787	1.1	20.8075	18.5	0.1071	18.8	0.0162	3.0	0.16	103.4	3.0	103.3	18.4	102.2	441.2	103.4	3.0
MAM12-CP41-44	102	5789	0.8	24.0924	37.8	0.0927	38.0	0.0162	3.2	0.08	103.6	3.3	90.0	32.7	-256.4	988.6	103.6	3.3
MAM12-CP41-32	200	14173	1.0	20.9682	8.5	0.1069	9.0	0.0162	3.0	0.33	103.9	3.1	103.1	8.8	84.0	201.1	103.9	3.1
MAM12-CP41-19	68	4681	1.2	21.5514	34.4	0.1046	34.8	0.0163	5.2	0.15	104.5	5.4	101.0	33.4	18.5	847.4	104.5	5.4
MAM12-CP41-23	202	13857	0.6	20.9956	16.0	0.1073	16.2	0.0163	2.5	0.16	104.5	2.6	103.5	16.0	80.9	382.7	104.5	2.6
MAM12-CP41-93	160	6132	0.9	24.9503	10.9	0.0905	11.1	0.0164	2.3	0.20	104.7	2.4	87.9	9.4	-345.8	282.2	104.7	2.4
MAM12-CP41-46	259	2577	0.5	17.4696	16.6	0.1292	16.9	0.0164	3.1	0.18	104.7	3.2	123.4	19.7	500.9	368.5	104.7	3.2
MAM12-CP41-76	142	13562	1.5	23.6608	16.9	0.0959	17.2	0.0165	3.0	0.17	105.2	3.1	93.0	15.2	-210.8	426.8	105.2	3.1
MAM12-CP41-30	152	14813	1.0	19.7095	13.0	0.1153	13.2	0.0165	2.2	0.17	105.4	2.3	110.8	13.9	228.9	302.5	105.4	2.3
MAM12-CP41-51	91	6517	1.1	23.5184	23.3	0.0976	23.6	0.0166	3.8	0.16	106.4	4.0	94.5	21.3	-195.6	588.8	106.4	4.0
MAM12-CP41-17	213	11174	1.1	20.1756	7.4	0.1145	7.7	0.0168	2.2	0.28	107.2	2.3	110.1	8.1	174.6	173.5	107.2	2.3
MAM12-CP41-95	120	2643	1.1	15.4030	22.4	0.1505	22.7	0.0168	3.4	0.15	107.5	3.7	142.3	30.1	771.8	476.8	107.5	3.7
MAM12-CP41-87	1120	128164	1.4	20.9498	1.2	0.1108	1.8	0.0168	1.4	0.75	107.6	1.4	106.7	1.8	86.1	28.7	107.6	1.4
MAM12-CP41-96	504	23433	0.8	20.3732	2.5	0.1142	2.9	0.0169	1.4	0.49	107.9	1.5	109.8	3.0	151.8	59.5	107.9	1.5
MAM12-CP41-2	408	33205	1.3	21.0102	5.0	0.1111	5.3	0.0169	2.0	0.37	108.2	2.1	107.0	5.4	79.2	118.1	108.2	2.1
MAM12-CP41-55	196	13652	1.6	20.5870	10.2	0.1140	10.9	0.0170	3.9	0.36	108.8	4.2	109.6	11.3	127.4	239.8	108.8	4.2
MAM12-CP41-38	315	29332	1.2	21.5344	7.8	0.1091	8.0	0.0170	1.6	0.20	108.9	1.7	105.1	8.0	20.4	188.3	108.9	1.7
MAM12-CP41-18	247	28569	1.4	20.6838	10.5	0.1140	11.3	0.0171	4.3	0.38	109.3	4.6	109.7	11.7	116.3	247.1	109.3	4.6
MAM12-CP41-82	853	69945	2.4	20.4376	2.5	0.1158	2.7	0.0172	1.1	0.41	109.7	1.2	111.2	2.9	144.4	58.3	109.7	1.2
MAM12-CP41-31	409	2294	0.8	19.1127	4.4	0.1239	4.7	0.0172	1.6	0.35	109.8	1.8	118.6	5.3	299.4	100.2	109.8	1.8
MAM12-CP41-78	385	75170	1.2	20.4497	3.7	0.1171	3.9	0.0174	1.2	0.30	111.0	1.3	112.4	4.1	143.0	87.1	111.0	1.3
MAM12-CP41-43	309	10480	1.4	20.5614	9.5	0.1166	9.6	0.0174	1.4	0.15	111.1	1.6	112.0	10.2	130.3	224.8	111.1	1.6
MAM12-CP41-70	98	10523	1.5	25.0470	33.0	0.0958	33.4	0.0174	5.0	0.15	111.2	5.5	92.9	29.7	-355.8	874.0	111.2	5.5
MAM12-CP41-45	400	26189	1.5	20.8731	3.0	0.1154	3.3	0.0175	1.4	0.43	111.7	1.6	110.9	3.5	94.7	70.9	111.7	1.6
MAM12-CP41-49	187	25316	1.3	20.9818	9.9	0.1150	10.3	0.0175	2.8	0.27	111.9	3.1	110.5	10.8	82.4	235.9	111.9	3.1
MAM12-CP41-83	77	5955	0.9	23.5155	31.9	0.1027	32.2	0.0175	4.8	0.15	111.9	5.3	99.2	30.5	-195.3	814.9	111.9	5.3
MAM12-CP41-14	201	10213	1.5	21.3363	11.9	0.1138	12.2	0.0176	2.6	0.21	112.6	2.9	109.5	12.6	42.5	285.4	112.6	2.9
MAM12-CP41-73	215	15058	1.3	22.0661	8.2	0.1101	8.4	0.0176	1.8	0.22	112.6	2.0	106.1	8.4	-38.5	199.0	112.6	2.0
MAM12-CP41-13	166	12247	1.1	22.7507	11.9	0.1070	12.0	0.0177	1.2	0.10	112.8	1.4	103.2	11.8	-113.2	294.4	112.8	1.4
MAM12-CP41-81	62	8273	1.1	17.8642	29.8	0.1364	30.8	0.0177	7.6	0.25	112.9	8.6	129.8	37.5	451.5	675.7	112.9	8.6
MAM12-CP41-16	168	19000	1.0	20.7009	12.7	0.1178	13.2	0.0177	3.3	0.25	113.0	3.7	113.1	14.1	114.3	301.4	113.0	3.7
MAM12-CP41-99	318	67432	0.7	20.7581	3.3	0.1180	3.7	0.0178	1.5	0.41	113.5	1.7	113.2	3.9	107.8	78.7	113.5	1.7
MAM12-CP41-35	148	17412	1.8	20.8745	9.5	0.1173	9.7	0.0178	1.9	0.20	113.5	2.2	112.6	10.3	94.6	224.9	113.5	2.2
MAM12-CP41-24	109	6780	1.2	23.2862	31.7	0.1053	31.8	0.0178	2.4	0.08	113.6	2.7	101.7	30.7	-170.8	806.6	113.6	2.7
MAM12-CP41-37	153	8320	1.4	20.3090	7.2	0.1210	7.7	0.0178	2.7	0.35	113.9	3.1	116.0	8.5	159.2	169.3	113.9	3.1

MAM12-CP41-75	486	61134	1.1	20.3620	4.2	0.1208	4.6	0.0178	1.8	0.40	114.0	2.1	115.8	5.0	153.2	98.0	114.0	2.1
MAM12-CP41-60	1256	140860	1.7	20.8037	1.2	0.1189	3.4	0.0179	3.2	0.94	114.6	3.7	114.0	3.7	102.6	27.8	114.6	3.7
MAM12-CP41-9	195	14028	1.2	19.6119	5.1	0.1263	5.6	0.0180	2.4	0.43	114.8	2.7	120.7	6.4	240.4	117.7	114.8	2.7
MAM12-CP41-26	325	29630	1.3	21.2658	5.8	0.1166	6.1	0.0180	1.9	0.30	114.9	2.1	112.0	6.5	50.4	139.1	114.9	2.1
MAM12-CP41-27	266	15563	1.2	21.6795	5.8	0.1150	6.0	0.0181	1.6	0.26	115.6	1.8	110.6	6.3	4.3	140.5	115.6	1.8
MAM12-CP41-5	233	14169	1.2	19.6897	5.8	0.1271	6.2	0.0181	2.1	0.34	115.9	2.4	121.4	7.1	231.2	134.2	115.9	2.4
MAM12-CP41-94	339	41630	0.9	21.8106	3.8	0.1152	4.5	0.0182	2.3	0.51	116.4	2.6	110.7	4.7	-10.3	92.4	116.4	2.6
MAM12-CP41-34	194	24776	1.1	21.1059	11.0	0.1191	11.2	0.0182	2.1	0.19	116.5	2.4	114.3	12.1	68.4	262.5	116.5	2.4
MAM12-CP41-74	182	31489	1.3	22.4271	7.0	0.1122	7.5	0.0183	2.7	0.35	116.6	3.1	108.0	7.7	-78.0	171.5	116.6	3.1
MAM12-CP41-91	54	5289	1.2	13.6090	68.1	0.1873	68.8	0.0185	9.5	0.14	118.1	11.1	174.3	110.6	1027.2	1591.6	118.1	11.1
MAM12-CP41-58	228	11983	1.3	21.2504	11.2	0.1203	11.4	0.0185	1.9	0.16	118.5	2.2	115.4	12.4	52.2	268.7	118.5	2.2
MAM12-CP41-22	107	748	1.4	19.3626	14.5	0.1336	15.2	0.0188	4.6	0.30	119.8	5.5	127.3	18.2	269.7	333.2	119.8	5.5
MAM12-CP41-4	84	9084	1.4	22.7154	39.2	0.1152	39.5	0.0190	4.4	0.11	121.2	5.3	110.7	41.5	-109.4	999.6	121.2	5.3
MAM12-CP41-100	65	5593	1.9	20.7041	15.7	0.1308	16.4	0.0196	4.4	0.27	125.4	5.5	124.8	19.2	114.0	373.4	125.4	5.5
MAM12-CP41-71	310	22308	1.4	20.5097	4.8	0.1494	5.6	0.0222	2.7	0.49	141.7	3.9	141.4	7.3	136.2	113.8	141.7	3.9
MAM12-CP41-77	277	39675	0.4	20.3429	3.0	0.1951	3.4	0.0288	1.6	0.46	183.0	2.9	181.0	5.7	155.4	71.1	183.0	2.9
MAM12-CP41-52	95	7784	0.3	21.1265	11.8	0.1924	12.2	0.0295	2.8	0.23	187.2	5.2	178.6	19.9	66.1	282.7	187.2	5.2
MAM12-CP41-63	376	69669	1.0	19.8927	1.1	0.2044	2.0	0.0295	1.6	0.82	187.4	3.0	188.9	3.4	207.5	25.8	187.4	3.0
MAM12-CP41-8	91	8962	0.4	20.7197	12.0	0.1975	12.3	0.0297	2.6	0.21	188.5	4.9	183.0	20.6	112.2	284.7	188.5	4.9
MAM12-CP41-84	274	48488	5.4	17.7845	3.3	0.4956	3.9	0.0639	2.1	0.53	399.5	8.0	408.7	13.1	461.4	73.5	399.5	8.0
MAM12-CP41-7	283	92711	1.7	17.7120	1.3	0.5806	1.5	0.0746	0.8	0.53	463.7	3.6	464.8	5.8	470.5	29.0	463.7	3.6
MAM12-CP41-41	117	22832	1.5	17.5711	4.0	0.5992	4.5	0.0764	1.9	0.42	474.3	8.6	476.7	17.0	488.1	89.4	474.3	8.6
MAM12-CP41-50	162	217093	4.8	17.3125	1.7	0.6247	2.4	0.0784	1.7	0.70	486.8	7.8	492.8	9.2	520.7	36.6	486.8	7.8
MAM12-CP41-56	71	49518	1.3	13.4607	1.4	1.8715	2.2	0.1827	1.7	0.78	1081.8	17.2	1071.1	14.7	1049.4	28.0	1049.4	28.0
MAM12-CP41-66	112	113293	1.5	12.5413	0.9	1.7852	4.5	0.1624	4.4	0.98	970.0	39.3	1040.1	29.0	1190.5	17.7	1190.5	17.7
MAM12-CP41-86	182	92116	100.5	12.3002	0.9	2.4129	1.4	0.2153	1.1	0.77	1256.7	12.2	1246.4	10.0	1228.7	17.6	1228.7	17.6
MAM12-CP41-72	126	44136	1.6	11.4973	0.7	2.6770	3.7	0.2232	3.7	0.98	1298.9	43.1	1322.1	27.7	1360.0	14.4	1360.0	14.4
MAM12-CP41-15	189	112629	0.6	8.8076	0.4	4.7067	2.5	0.3007	2.5	0.99	1694.5	36.9	1768.4	21.0	1856.8	6.9	1856.8	6.9

MAM12-CP43-64	90	7749	1.0	19.7090	16.0	0.1063	16.5	0.0152	3.8	0.23	97.2	3.7	102.6	16.1	228.9	371.6	97.2	3.7
MAM12-CP43-68	108	11351	1.0	21.4723	10.6	0.0978	12.5	0.0152	6.6	0.53	97.4	6.4	94.7	11.3	27.3	255.9	97.4	6.4
MAM12-CP43-69	62	5428	1.2	16.1962	24.5	0.1298	25.0	0.0152	4.7	0.19	97.5	4.6	123.9	29.1	665.2	532.9	97.5	4.6
MAM12-CP43-22	70	3187	1.2	25.0097	53.1	0.0843	53.3	0.0153	4.1	0.08	97.9	4.0	82.2	42.1	-351.9	1465.3	97.9	4.0
MAM12-CP43-36	82	10743	1.2	26.3299	27.5	0.0802	28.2	0.0153	6.2	0.22	98.0	6.0	78.4	21.2	-486.6	740.7	98.0	6.0
MAM12-CP43-31	79	7546	1.1	20.8664	20.6	0.1015	20.9	0.0154	3.7	0.18	98.2	3.6	98.1	19.6	95.5	491.4	98.2	3.6
MAM12-CP43-19	114	12364	1.1	16.3533	14.6	0.1296	14.7	0.0154	1.7	0.12	98.3	1.7	123.7	17.1	644.5	315.4	98.3	1.7
MAM12-CP43-27	78	7405	0.6	21.6355	28.1	0.0982	28.5	0.0154	4.3	0.15	98.5	4.2	95.1	25.8	9.1	688.9	98.5	4.2
MAM12-CP43-29	95	6606	1.2	19.3261	12.0	0.1101	12.3	0.0154	2.9	0.24	98.8	2.9	106.1	12.4	274.1	274.7	98.8	2.9
MAM12-CP43-18	80	10454	1.1	22.7628	30.7	0.0936	31.3	0.0155	6.2	0.20	98.9	6.1	90.9	27.2	-114.5	771.7	98.9	6.1
MAM12-CP43-97	120	9913	0.9	19.9948	19.1	0.1066	19.7	0.0155	5.1	0.26	98.9	5.0	102.9	19.3	195.6	447.0	98.9	5.0
MAM12-CP43-63	103	5908	1.2	21.7215	8.1	0.0986	9.2	0.0155	4.3	0.47	99.4	4.3	95.5	8.4	-0.4	196.6	99.4	4.3
MAM12-CP43-44	97	7462	0.9	20.3576	16.1	0.1054	16.9	0.0156	4.9	0.29	99.5	4.8	101.7	16.3	153.7	379.8	99.5	4.8
MAM12-CP43-4	81	7443	0.8	21.5923	34.7	0.0996	35.0	0.0156	4.9	0.14	99.7	4.9	96.4	32.2	13.9	856.1	99.7	4.9
MAM12-CP43-72	136	13119	1.1	19.8936	9.2	0.1081	10.4	0.0156	4.8	0.46	99.8	4.7	104.2	10.3	207.4	214.3	99.8	4.7
MAM12-CP43-9	89	31309	0.8	21.6532	27.3	0.0994	27.3	0.0156	2.2	0.08	99.9	2.1	96.2	25.1	7.2	666.7	99.9	2.1
MAM12-CP43-42	76	6453	1.1	20.3945	21.3	0.1057	21.9	0.0156	5.0	0.23	100.0	4.9	102.1	21.2	149.4	504.0	100.0	4.9
MAM12-CP43-55	103	12648	1.3	25.5558	32.3	0.0852	32.7	0.0158	5.3	0.16	101.0	5.3	83.0	26.1	-408.0	861.6	101.0	5.3
MAM12-CP43-47	68	7994	1.2	22.7571	24.6	0.0957	25.2	0.0158	5.4	0.21	101.1	5.4	92.8	22.4	-113.9	614.5	101.1	5.4
MAM12-CP43-34	52	4792	1.0	23.0475	24.3	0.0947	25.0	0.0158	6.0	0.24	101.3	6.1	91.9	22.0	-145.2	609.4	101.3	6.1
MAM12-CP43-49	91	9133	1.2	23.4319	29.0	0.0932	29.6	0.0158	5.8	0.20	101.3	5.9	90.5	25.6	-186.4	737.0	101.3	5.9

MAM12-CP43-1	423	43871	0.8	20.7946	4.0	0.1054	4.3	0.0159	1.6	0.38	101.7	1.6	101.8	4.1	103.7	93.6	101.7	1.6
MAM12-CP43-65	102	3260	1.1	20.7245	16.4	0.1059	17.3	0.0159	5.3	0.30	101.8	5.3	102.2	16.8	111.7	390.5	101.8	5.3
MAM12-CP43-20	87	14018	1.2	23.6666	28.1	0.0928	28.6	0.0159	5.3	0.18	101.8	5.3	90.1	24.7	-211.4	718.3	101.8	5.3
MAM12-CP43-21	145	8885	1.6	18.6072	8.4	0.1181	9.2	0.0159	3.7	0.40	102.0	3.7	113.4	9.9	360.3	190.2	102.0	3.7
MAM12-CP43-75	88	5280	1.0	19.8828	13.1	0.1113	13.3	0.0160	2.2	0.17	102.6	2.2	107.1	13.5	208.6	304.9	102.6	2.2
MAM12-CP43-8	246	16365	0.6	21.2644	8.2	0.1043	8.6	0.0161	2.8	0.32	102.9	2.8	100.7	8.3	50.6	195.1	102.9	2.8
MAM12-CP43-2	413	39572	0.8	20.7599	6.4	0.1070	6.7	0.0161	2.0	0.30	103.0	2.0	103.2	6.5	107.6	150.6	103.0	2.0
MAM12-CP43-66	733	27312	1.1	19.5479	8.2	0.1137	8.5	0.0161	2.1	0.24	103.1	2.1	109.3	8.8	247.9	189.7	103.1	2.1
MAM12-CP43-74	170	6802	1.8	19.5989	18.3	0.1139	18.9	0.0162	4.7	0.25	103.5	4.8	109.5	19.6	241.9	424.2	103.5	4.8
MAM12-CP43-77	123	10121	1.0	21.5074	11.3	0.1043	11.8	0.0163	3.3	0.28	104.0	3.4	100.7	11.3	23.4	272.1	104.0	3.4
MAM12-CP43-58	557	54635	1.5	20.3386	3.1	0.1103	3.4	0.0163	1.3	0.38	104.0	1.3	106.2	3.4	155.8	73.2	104.0	1.3
MAM12-CP43-14	887	79938	0.6	20.7662	2.6	0.1085	2.7	0.0163	0.7	0.28	104.5	0.8	104.6	2.6	106.9	60.3	104.5	0.8
MAM12-CP43-85	106	7683	1.1	24.1793	20.7	0.0941	21.1	0.0165	3.9	0.19	105.5	4.1	91.3	18.4	-265.5	530.1	105.5	4.1
MAM12-CP43-48	177	19592	1.7	18.2520	8.8	0.1251	9.5	0.0166	3.6	0.38	105.9	3.8	119.7	10.7	403.6	196.9	105.9	3.8
MAM12-CP43-79	332	32416	1.4	20.7259	6.0	0.1107	6.3	0.0166	2.2	0.34	106.4	2.3	106.6	6.4	111.5	140.8	106.4	2.3
MAM12-CP43-95	79	6078	1.7	22.5533	21.2	0.1031	22.2	0.0169	6.6	0.30	107.8	7.0	99.6	21.1	-91.8	525.9	107.8	7.0
MAM12-CP43-38	229	11305	0.5	20.0857	5.4	0.1158	6.1	0.0169	2.7	0.45	107.8	2.9	111.2	6.4	185.0	125.7	107.8	2.9
MAM12-CP43-96	420	1067	1.3	17.6306	11.0	0.1320	11.8	0.0169	4.3	0.36	107.9	4.6	125.9	14.0	480.6	244.3	107.9	4.6
MAM12-CP43-99	295	22890	1.2	19.4968	5.7	0.1194	6.1	0.0169	2.1	0.34	107.9	2.3	114.5	6.6	253.9	132.2	107.9	2.3
MAM12-CP43-24	299	31682	1.2	21.5239	5.3	0.1083	6.0	0.0169	2.9	0.48	108.1	3.1	104.4	6.0	21.6	127.0	108.1	3.1
MAM12-CP43-93	245	29957	1.2	20.3501	8.8	0.1146	9.1	0.0169	2.3	0.25	108.1	2.5	110.2	9.5	154.5	205.4	108.1	2.5
MAM12-CP43-81	126	12263	1.1	20.4096	15.8	0.1144	16.5	0.0169	4.8	0.29	108.2	5.2	110.0	17.2	147.6	372.4	108.2	5.2
MAM12-CP43-87	131	12749	1.6	23.3617	11.4	0.1002	12.5	0.0170	5.1	0.41	108.5	5.5	96.9	11.6	-178.9	286.5	108.5	5.5
MAM12-CP43-15	106	13035	1.1	24.1491	23.3	0.0970	23.6	0.0170	3.6	0.15	108.6	3.9	94.0	21.2	-262.3	598.0	108.6	3.9
MAM12-CP43-94	247	20303	1.3	21.5290	8.2	0.1090	8.4	0.0170	2.0	0.23	108.8	2.1	105.1	8.4	21.0	196.0	108.8	2.1
MAM12-CP43-71	190	17061	1.4	21.5730	7.8	0.1091	8.2	0.0171	2.6	0.31	109.1	2.8	105.1	8.2	16.1	186.7	109.1	2.8
MAM12-CP43-80	116	9170	1.8	27.2075	26.5	0.0866	26.7	0.0171	3.7	0.14	109.2	4.0	84.3	21.6	-574.5	726.2	109.2	4.0
MAM12-CP43-32	337	29678	2.4	20.0147	6.3	0.1178	6.8	0.0171	2.7	0.40	109.3	2.9	113.1	7.3	193.3	146.1	109.3	2.9
MAM12-CP43-41	515	37294	1.4	20.9792	4.5	0.1124	4.9	0.0171	2.0	0.40	109.3	2.1	108.2	5.1	82.7	107.4	109.3	2.1
MAM12-CP43-17	119	8880	1.3	21.9540	16.9	0.1080	17.2	0.0172	2.8	0.16	109.9	3.1	104.2	17.0	-26.1	413.1	109.9	3.1
MAM12-CP43-67	166	22552	1.4	21.9951	11.4	0.1081	11.7	0.0172	2.5	0.21	110.2	2.7	104.2	11.6	-30.7	276.9	110.2	2.7
MAM12-CP43-10	311	21661	1.8	21.2011	4.8	0.1128	5.9	0.0173	3.4	0.58	110.8	3.8	108.5	6.0	57.7	113.9	110.8	3.8
MAM12-CP43-13	114	13450	1.4	22.7223	11.1	0.1056	12.3	0.0174	5.3	0.43	111.2	5.9	101.9	12.0	-110.1	275.0	111.2	5.9
MAM12-CP43-89	210	832	1.2	12.4126	47.7	0.1936	47.9	0.0174	4.9	0.10	111.4	5.4	179.7	79.1	1210.8	998.1	111.4	5.4
MAM12-CP43-51	234	33706	2.6	20.5871	7.5	0.1174	7.7	0.0175	1.6	0.20	112.0	1.7	112.7	8.2	127.3	177.0	112.0	1.7
MAM12-CP43-73	302	21015	1.7	19.0857	6.5	0.1270	6.8	0.0176	2.1	0.31	112.3	2.3	121.4	7.8	302.7	147.7	112.3	2.3
MAM12-CP43-50	78	7000	1.1	22.0193	25.3	0.1101	25.4	0.0176	2.5	0.10	112.4	2.8	106.1	25.6	-33.3	621.0	112.4	2.8
MAM12-CP43-84	366	18281	1.6	21.1222	5.2	0.1151	5.3	0.0176	0.6	0.11	112.6	0.6	110.6	5.5	66.6	124.8	112.6	0.6
MAM12-CP43-3	541	48650	0.9	20.0683	2.9	0.1211	3.4	0.0176	1.8	0.54	112.6	2.1	116.1	3.8	187.0	67.1	112.6	2.1
MAM12-CP43-30	583	57697	1.8	20.2933	1.8	0.1198	3.2	0.0176	2.6	0.83	112.7	2.9	114.9	3.5	161.1	41.9	112.7	2.9
MAM12-CP43-56	500	19659	1.8	19.9006	5.1	0.1226	5.5	0.0177	1.8	0.34	113.1	2.1	117.4	6.0	206.6	119.0	113.1	2.1
MAM12-CP43-26	228	15067	1.6	19.7305	4.4	0.1239	5.2	0.0177	2.8	0.54	113.3	3.1	118.6	5.8	226.5	101.8	113.3	3.1
MAM12-CP43-90	160	28414	1.2	19.6723	12.2	0.1246	13.2	0.0178	5.1	0.39	113.6	5.7	119.3	14.9	233.3	281.9	113.6	5.7
MAM12-CP43-82	320	25518	0.9	20.3892	5.5	0.1204	5.9	0.0178	2.2	0.37	113.7	2.5	115.4	6.5	150.0	129.0	113.7	2.5
MAM12-CP43-57	195	15478	1.5	19.9072	10.3	0.1237	11.3	0.0179	4.7	0.42	114.2	5.3	118.5	12.6	205.8	238.8	114.2	5.3
MAM12-CP43-25	419	51605	1.3	20.5804	4.3	0.1210	4.7	0.0181	2.0	0.42	115.4	2.3	116.0	5.2	128.1	100.6	115.4	2.3
MAM12-CP43-59	91	6367	1.1	21.8572	13.1	0.1140	14.3	0.0181	5.9	0.41	115.4	6.8	109.6	14.9	-15.4	316.7	115.4	6.8
MAM12-CP43-5	155	8995	0.8	20.4835	11.3	0.1222	11.8	0.0182	3.4	0.29	116.0	3.9	117.1	13.0	139.2	265.5	116.0	3.9
MAM12-CP43-83	157	19965	1.1	20.6089	7.5	0.1215	8.0	0.0182	2.6	0.32	116.0	2.9	116.4	8.8	124.8	177.8	116.0	2.9
MAM12-CP43-76	325	21316	1.6	20.1352	4.1	0.1245	4.5	0.0182	2.0	0.44	116.2	2.3	119.2	5.1	179.3	94.5	116.2	2.3

MAM12-CP43-35	115	22217	1.1	20.4698	13.6	0.1226	13.8	0.0182	2.6	0.19	116.2	3.0	117.4	15.3	140.8	320.0	116.2	3.0
MAM12-CP43-23	106	5703	1.3	19.3701	17.5	0.1302	18.1	0.0183	4.3	0.24	116.9	4.9	124.3	21.1	268.9	405.2	116.9	4.9
MAM12-CP43-11	325	22508	1.1	21.7357	5.2	0.1162	5.8	0.0183	2.7	0.46	117.0	3.1	111.6	6.1	-2.0	124.9	117.0	3.1
MAM12-CP43-70	333	34458	0.7	21.2346	3.8	0.1191	4.2	0.0183	1.7	0.40	117.2	1.9	114.3	4.5	53.9	91.5	117.2	1.9
MAM12-CP43-6	69	3733	1.6	28.0941	27.9	0.0906	28.1	0.0185	3.8	0.13	117.9	4.4	88.1	23.7	-662.0	780.1	117.9	4.4
MAM12-CP43-33	220	16906	1.4	22.5014	7.7	0.1146	8.3	0.0187	3.1	0.37	119.4	3.7	110.1	8.7	-86.1	189.8	119.4	3.7
MAM12-CP43-92	17	2672	2.1	10.4807	101.1	0.2468	101.5	0.0188	9.6	0.09	119.8	11.4	224.0	206.9	1536.2	35.9	119.8	11.4
MAM12-CP43-12	95	11257	1.2	20.1609	20.6	0.1288	21.0	0.0188	4.4	0.21	120.3	5.2	123.1	24.4	176.3	483.9	120.3	5.2
MAM12-CP43-37	49	4171	1.5	24.2386	25.4	0.1079	26.4	0.0190	7.2	0.27	121.1	8.7	104.0	26.1	-271.7	655.1	121.1	8.7
MAM12-CP43-100	298	34284	1.6	20.1336	6.3	0.1306	6.6	0.0191	1.9	0.28	121.8	2.3	124.6	7.8	179.5	148.1	121.8	2.3
MAM12-CP43-61	272	26637	1.5	21.6035	8.4	0.1231	8.9	0.0193	3.0	0.33	123.1	3.6	117.9	9.9	12.7	202.1	123.1	3.6
MAM12-CP43-45	102	10504	1.1	19.3971	8.2	0.1372	8.7	0.0193	2.8	0.33	123.2	3.5	130.5	10.6	265.7	187.9	123.2	3.5
MAM12-CP43-53	362	55225	1.5	20.4644	5.3	0.1351	5.7	0.0200	2.0	0.35	128.0	2.5	128.6	6.9	141.4	125.2	128.0	2.5
MAM12-CP43-88	241	19980	2.8	20.4030	4.6	0.1379	5.3	0.0204	2.7	0.50	130.2	3.4	131.2	6.6	148.4	108.4	130.2	3.4
MAM12-CP43-54	150	18876	1.6	21.6402	10.5	0.1405	11.0	0.0221	3.3	0.30	140.6	4.5	133.5	13.8	8.6	253.6	140.6	4.5
MAM12-CP43-39	54	8882	2.5	19.6174	30.2	0.1573	30.6	0.0224	5.2	0.17	142.7	7.3	148.3	42.3	239.7	709.6	142.7	7.3
MAM12-CP43-7	220	21588	1.9	20.7400	6.0	0.1500	6.5	0.0226	2.5	0.39	143.9	3.6	141.9	8.6	109.9	142.3	143.9	3.6
MAM12-CP43-60	349	46990	1.7	20.4021	3.9	0.1723	4.5	0.0255	2.1	0.47	162.3	3.4	161.4	6.7	148.5	92.5	162.3	3.4
MAM12-CP43-98	137	10128	0.3	19.0478	12.0	0.2016	12.3	0.0278	2.6	0.21	177.0	4.6	186.4	21.0	307.2	275.2	177.0	4.6
MAM12-CP43-46	26	12680	0.5	20.0204	31.0	0.1955	32.0	0.0284	7.7	0.24	180.5	13.7	181.3	53.1	192.6	737.0	180.5	13.7
MAM12-CP43-40	106	13201	0.5	19.9871	12.0	0.1973	12.3	0.0286	2.9	0.23	181.7	5.1	182.8	20.6	196.5	278.8	181.7	5.1
MAM12-CP43-16	163	24350	0.4	20.4598	6.9	0.1933	7.3	0.0287	2.3	0.32	182.3	4.1	179.4	11.9	141.9	161.9	182.3	4.1
MAM12-CP43-62	135	38208	0.4	19.8231	7.8	0.2000	8.4	0.0287	3.0	0.36	182.7	5.4	185.1	14.2	215.6	181.8	182.7	5.4
MAM12-CP43-28	107	10112	0.5	20.3609	11.7	0.1949	12.1	0.0288	3.2	0.26	182.9	5.7	180.8	20.1	153.3	275.4	182.9	5.7
MAM12-CP43-91	193	165728	2.1	9.2999	1.4	4.3023	6.0	0.2902	5.9	0.97	1642.5	84.8	1693.8	49.6	1757.9	25.6	1757.9	25.6

MAM13-CP68-80	140	47146	1.2	19.5425	21.7	0.1058	22.4	0.0150	5.8	0.26	96.0	5.5	102.2	21.8	248.5	504.2	96.0	5.5
MAM13-CP68-29	66	19298	1.8	20.9762	41.0	0.0996	41.8	0.0152	8.1	0.19	97.0	7.8	96.5	38.5	83.1	1011.5	97.0	7.8
MAM13-CP68-77	149	51440	0.8	17.9043	15.2	0.1177	16.2	0.0153	5.7	0.35	97.8	5.5	113.0	17.3	446.5	338.4	97.8	5.5
MAM13-CP68-53	97	17433	0.4	18.6632	96.4	0.1134	96.5	0.0153	5.3	0.05	98.2	5.1	109.0	100.1	353.5	730.2	98.2	5.1
MAM13-CP68-32	83	16228	1.4	25.0353	47.6	0.0846	47.9	0.0154	5.7	0.12	98.2	5.6	82.4	38.0	-354.6	1293.4	98.2	5.6
MAM13-CP68-56	165	39688	0.8	21.2529	26.0	0.0998	26.3	0.0154	3.5	0.13	98.4	3.4	96.5	24.2	51.9	630.7	98.4	3.4
MAM13-CP68-57	106	40490	0.9	22.9164	38.2	0.0930	38.7	0.0155	6.3	0.16	98.9	6.2	90.3	33.5	-131.1	975.3	98.9	6.2
MAM13-CP68-24	193	38114	1.0	22.3662	20.9	0.0959	21.5	0.0156	4.6	0.22	99.5	4.6	93.0	19.1	-71.4	516.7	99.5	4.6
MAM13-CP68-10	80	29864	0.8	16.3665	19.1	0.1320	21.0	0.0157	8.8	0.42	100.2	8.7	125.9	24.9	642.8	413.5	100.2	8.7
MAM13-CP68-49	222	28081	0.7	20.7369	18.9	0.1046	19.5	0.0157	4.7	0.24	100.6	4.7	101.0	18.8	110.2	450.7	100.6	4.7
MAM13-CP68-61	86	23445	1.0	31.8780	50.1	0.0684	50.7	0.0158	8.3	0.16	101.1	8.3	67.1	33.0	NA	101.1	8.3	
MAM13-CP68-17	89	21896	1.0	19.6212	30.2	0.1112	30.4	0.0158	3.7	0.12	101.2	3.8	107.1	30.9	239.3	711.0	101.2	3.8
MAM13-CP68-28	262	77697	1.1	21.1679	9.4	0.1035	9.7	0.0159	2.2	0.23	101.7	2.2	100.0	9.2	61.4	224.9	101.7	2.2
MAM13-CP68-86	183	35131	1.2	21.1328	18.7	0.1041	19.0	0.0159	3.3	0.18	102.0	3.4	100.5	18.1	65.4	447.6	102.0	3.4
MAM13-CP68-36	55	17398	0.8	11.6129	70.6	0.1902	71.3	0.0160	9.8	0.14	102.4	10.0	176.8	116.1	1340.7	1607.5	102.4	10.0
MAM13-CP68-20	118	52056	0.5	21.5286	30.7	0.1027	31.3	0.0160	6.3	0.20	102.6	6.5	99.3	29.7	21.0	752.2	102.6	6.5
MAM13-CP68-59	198	59888	1.2	22.6048	22.0	0.0983	22.4	0.0161	4.4	0.20	103.0	4.5	95.2	20.4	-97.4	545.3	103.0	4.5
MAM13-CP68-39	97	13191	1.4	22.9431	38.0	0.0970	38.3	0.0161	5.3	0.14	103.2	5.4	94.0	34.4	-134.0	969.2	103.2	5.4
MAM13-CP68-65	139	37545	1.2	24.4308	48.8	0.0913	48.8	0.0162	2.6	0.05	103.5	2.7	88.8	41.5	-291.8	1313.3	103.5	2.7
MAM13-CP68-84	278	100749	1.0	20.7517	11.8	0.1076	11.9	0.0162	1.6	0.14	103.6	1.7	103.8	11.7	108.6	278.3	103.6	1.7
MAM13-CP68-6	355	74950	0.4	18.6729	6.3	0.1211	7.0	0.0164	2.9	0.41	104.9	3.0	116.1	7.6	352.3	143.2	104.9	3.0
MAM13-CP68-35	289	38694	1.5	20.1583	10.8	0.1124	11.0	0.0164	2.2	0.20	105.0	2.3	108.1	11.3	176.6	252.9	105.0	2.3
MAM13-CP68-5	507	136490	1.5	20.6772	5.4	0.1101	5.6	0.0165	1.2	0.22	105.6	1.3	106.1	5.6	117.1	128.4	105.6	1.3
MAM13-CP68-87	451	65332	1.4	20.5475	7.9	0.1111	8.1	0.0166	1.6	0.20	105.8	1.7	106.9	8.2	131.9	187.1	105.8	1.7

MAM13-CP68-13	152	29771	1.0	21.3423	25.0	0.1070	25.1	0.0166	2.4	0.10	105.9	2.5	103.2	24.7	41.9	606.2	105.9	2.5
MAM13-CP68-37	210	73299	1.4	20.2912	17.9	0.1134	18.0	0.0167	1.7	0.09	106.7	1.8	109.1	18.6	161.3	420.9	106.7	1.8
MAM13-CP68-14	125	32666	0.9	23.9175	25.2	0.0971	25.3	0.0168	2.0	0.08	107.7	2.2	94.1	22.7	-237.9	644.0	107.7	2.2
MAM13-CP68-2	640	197543	2.0	21.4508	5.1	0.1084	5.4	0.0169	1.6	0.30	107.8	1.7	104.5	5.3	29.7	122.8	107.8	1.7
MAM13-CP68-9	175	50177	1.9	21.8466	17.0	0.1073	17.2	0.0170	2.5	0.14	108.7	2.6	103.5	16.9	-14.3	414.5	108.7	2.6
MAM13-CP68-72	342	127656	1.4	20.3167	4.4	0.1158	4.7	0.0171	1.8	0.38	109.1	1.9	111.3	5.0	158.4	102.0	109.1	1.9
MAM13-CP68-88	104	40530	1.5	36.2696	53.1	0.0649	53.5	0.0171	6.5	0.12	109.1	7.0	63.8	33.1	NA	NA	109.1	7.0
MAM13-CP68-55	61	24920	1.4	23.7442	33.5	0.0999	34.2	0.0172	7.2	0.21	109.9	7.9	96.7	31.6	-219.6	862.4	109.9	7.9
MAM13-CP68-42	254	71431	1.3	22.7243	14.0	0.1046	14.2	0.0172	2.5	0.18	110.2	2.7	101.0	13.7	-110.3	345.4	110.2	2.7
MAM13-CP68-67	154	65933	1.2	28.6061	34.7	0.0832	34.7	0.0173	2.1	0.06	110.3	2.3	81.1	27.1	-712.0	989.6	110.3	2.3
MAM13-CP68-26	119	84556	1.3	26.7040	36.6	0.0894	36.7	0.0173	2.5	0.07	110.7	2.7	87.0	30.6	-524.2	1007.2	110.7	2.7
MAM13-CP68-68	328	130000	1.5	20.8137	9.0	0.1150	9.2	0.0174	1.9	0.21	111.0	2.1	110.6	9.7	101.5	214.0	111.0	2.1
MAM13-CP68-38	322	179151	0.9	21.0841	7.7	0.1137	8.2	0.0174	2.8	0.34	111.1	3.0	109.3	8.5	70.9	183.0	111.1	3.0
MAM13-CP68-33	365	163300	0.9	19.8324	8.4	0.1209	8.6	0.0174	1.5	0.18	111.2	1.7	115.9	9.4	214.5	196.0	111.2	1.7
MAM13-CP68-34	77	30273	1.4	24.1856	34.8	0.0994	35.2	0.0174	5.2	0.15	111.4	5.7	96.2	32.3	-266.1	907.0	111.4	5.7
MAM13-CP68-78	530	105788	0.6	20.6001	13.1	0.1169	14.5	0.0175	6.2	0.43	111.7	6.8	112.3	15.4	125.8	309.4	111.7	6.8
MAM13-CP68-43	179	72337	1.1	21.2150	25.9	0.1137	26.2	0.0175	3.8	0.14	111.8	4.2	109.4	27.1	56.2	626.8	111.8	4.2
MAM13-CP68-58	92	31856	1.1	22.6057	31.3	0.1082	31.8	0.0177	5.4	0.17	113.3	6.0	104.3	31.5	-97.5	785.2	113.3	6.0
MAM13-CP68-85	190	59879	1.2	20.7007	11.3	0.1181	11.5	0.0177	2.3	0.20	113.3	2.6	113.4	12.4	114.4	267.1	113.3	2.6
MAM13-CP68-73	212	55455	2.1	21.8344	12.6	0.1123	13.0	0.0178	3.1	0.24	113.7	3.5	108.1	13.3	-12.9	305.6	113.7	3.5
MAM13-CP68-41	263	22304	2.3	16.7266	17.9	0.1467	18.3	0.0178	3.5	0.19	113.7	3.9	139.0	23.7	595.8	391.0	113.7	3.9
MAM13-CP68-75	298	41469	1.8	21.4405	10.7	0.1146	11.1	0.0178	2.6	0.24	113.8	3.0	110.1	11.5	30.8	258.0	113.8	3.0
MAM13-CP68-82	297	208972	0.9	21.4475	9.3	0.1147	10.6	0.0178	5.1	0.48	114.0	5.8	110.3	11.1	30.1	222.8	114.0	5.8
MAM13-CP68-25	83	21886	1.7	21.3240	31.6	0.1156	32.3	0.0179	7.0	0.22	114.3	7.9	111.1	34.1	43.9	772.0	114.3	7.9
MAM13-CP68-30	505	188643	0.7	20.7690	4.6	0.1188	4.7	0.0179	1.2	0.26	114.3	1.4	114.0	5.1	106.6	107.8	114.3	1.4
MAM13-CP68-70	644	189826	3.4	21.0501	4.1	0.1177	4.4	0.0180	1.5	0.34	114.8	1.7	113.0	4.7	74.7	98.5	114.8	1.7
MAM13-CP68-18	169	39724	1.0	21.6475	15.8	0.1146	16.1	0.0180	2.6	0.16	115.0	3.0	110.2	16.8	7.8	383.3	115.0	3.0
MAM13-CP68-47	356	185982	1.6	20.6452	3.7	0.1206	4.0	0.0181	1.5	0.37	115.4	1.7	115.6	4.4	120.7	87.3	115.4	1.7
MAM13-CP68-79	113	27778	1.3	23.3904	58.0	0.1113	58.3	0.0181	6.1	0.10	115.5	6.9	107.1	59.3	-74.0	1540.7	115.5	6.9
MAM13-CP68-60	467	111905	1.6	19.6169	7.7	0.1272	8.1	0.0181	2.5	0.31	115.6	2.9	121.6	9.3	239.8	177.7	115.6	2.9
MAM13-CP68-74	129	24894	2.2	21.6532	25.6	0.1166	26.1	0.0183	5.1	0.20	117.0	5.9	112.0	27.7	7.2	626.0	117.0	5.9
MAM13-CP68-45	320	83624	0.8	18.7599	8.5	0.1348	8.9	0.0183	2.6	0.29	117.1	3.0	128.4	10.7	341.8	192.2	117.1	3.0
MAM13-CP68-50	130	32918	0.9	23.1488	14.4	0.1114	14.7	0.0187	2.7	0.19	119.4	3.2	107.2	14.9	-156.1	360.1	119.4	3.2
MAM13-CP68-71	78	15379	1.8	25.7938	32.6	0.1012	33.2	0.0189	6.1	0.18	120.9	7.3	97.9	31.0	-432.3	875.3	120.9	7.3
MAM13-CP68-66	182	44274	1.1	22.3695	11.9	0.1171	12.4	0.0190	3.6	0.29	121.3	4.3	112.5	13.2	-71.8	291.2	121.3	4.3
MAM13-CP68-4	45	16168	1.3	21.5217	51.5	0.1223	52.0	0.0191	7.6	0.15	121.9	9.1	117.1	57.6	21.8	1317.3	121.9	9.1
MAM13-CP68-22	186	92671	1.1	21.7409	15.0	0.1217	15.5	0.0192	3.6	0.23	122.5	4.4	116.6	17.0	-2.6	364.5	122.5	4.4
MAM13-CP68-8	220	56456	1.3	20.8706	9.5	0.1273	11.1	0.0193	5.9	0.53	123.1	7.1	121.7	12.8	95.0	224.7	123.1	7.1
MAM13-CP68-11	74	35880	2.4	18.3208	28.2	0.1462	29.2	0.0194	7.4	0.25	124.0	9.1	138.6	37.8	395.2	644.7	124.0	9.1
MAM13-CP68-31	171	55051	2.1	20.7187	9.0	0.1467	9.3	0.0220	2.3	0.25	140.5	3.3	139.0	12.1	112.3	213.5	140.5	3.3
MAM13-CP68-51	360	252694	1.8	20.3549	6.9	0.1509	7.2	0.0223	1.8	0.25	142.0	2.5	142.7	9.5	154.0	162.4	142.0	2.5
MAM13-CP68-27	135	40005	1.4	22.7794	28.5	0.1355	28.7	0.0224	3.1	0.11	142.8	4.4	129.1	34.8	-116.3	715.4	142.8	4.4
MAM13-CP68-12	330	189361	1.8	20.7255	6.9	0.1535	7.2	0.0231	2.1	0.29	147.0	3.0	145.0	9.7	111.5	162.6	147.0	3.0
MAM13-CP68-52	68	26901	0.4	23.4303	24.0	0.1640	25.8	0.0279	9.7	0.38	177.2	16.9	154.2	37.0	-186.2	605.7	177.2	16.9
MAM13-CP68-62	119	93581	1.4	20.5325	17.3	0.1914	17.4	0.0285	2.2	0.13	181.2	4.0	177.9	28.5	133.6	409.1	181.2	4.0
MAM13-CP68-76	44	21592	0.5	16.4974	31.5	0.2452	32.5	0.0293	7.7	0.24	186.4	14.1	222.7	65.0	625.6	695.9	186.4	14.1
MAM13-CP68-15	384	227216	1.9	19.0696	1.7	0.3124	2.2	0.0432	1.3	0.59	272.7	3.4	276.1	5.2	304.6	39.4	272.7	3.4
MAM13-CP68-7	109	96003	1.4	18.8444	7.8	0.3473	8.7	0.0475	3.7	0.43	299.0	10.9	302.7	22.7	331.6	177.3	299.0	10.9
MAM13-CP68-16	31	38229	1.1	18.5018	27.7	0.3881	28.4	0.0521	6.1	0.21	327.3	19.3	333.0	80.7	373.1	635.1	327.3	19.3
MAM13-CP68-3	31	29587	1.1	19.0742	27.7	0.3847	28.0	0.0532	3.8	0.14	334.2	12.3	330.5	79.0	304.1	642.5	334.2	12.3

MAM13-CP68-83	30	48684	2.0	24.8639	33.2	0.3225	33.5	0.0582	4.7	0.14	364.4	16.7	283.8	83.2	-336.9	875.3	364.4	16.7
MAM13-CP68-89	410	1543192	1.1	16.7701	2.7	0.6863	3.8	0.0835	2.7	0.71	516.8	13.4	530.6	15.7	590.2	58.1	516.8	13.4
MAM13-CP68-48	67	265115	1.7	12.8937	3.5	2.0440	4.0	0.1911	1.8	0.47	1127.5	19.1	1130.3	27.0	1135.5	69.5	1135.5	69.5
MAM13-CP68-40	324	1038737	1.4	12.5783	0.6	2.1610	1.5	0.1971	1.4	0.92	1159.9	15.1	1168.6	10.7	1184.7	11.9	1184.7	11.9

MAM13-CP72-36	207	1691	0.4	19.8296	25.7	0.0983	26.0	0.0141	3.4	0.13	90.5	3.1	95.2	23.6	214.8	604.8	90.5	3.1
MAM13-CP72-21	49	2700	0.6	12.9173	131.7	0.1527	132.7	0.0143	16.2	0.12	91.6	14.7	144.3	180.3	1131.9	419.6	91.6	14.7
MAM13-CP72-29	49	1879	0.6	5.0224	734.6	0.3967	734.7	0.0145	7.4	0.04	92.5	6.5	339.3	#NUM!	2818.9	964.0	92.5	6.5
MAM13-CP72-56	63	1964	0.6	19.9866	109.6	0.0998	109.9	0.0145	7.8	0.07	92.6	7.2	96.6	101.6	196.6	962.8	92.6	7.2
MAM13-CP72-77	73	2757	0.7	26.5309	25.5	0.0753	26.6	0.0145	7.8	0.29	92.8	7.1	73.7	18.9	-506.9	688.5	92.8	7.1
MAM13-CP72-40	78	1650	1.1	24.5798	33.7	0.0816	34.3	0.0145	6.4	0.19	93.1	5.9	79.6	26.2	-307.4	882.8	93.1	5.9
MAM13-CP72-83	153	4906	0.7	21.2263	9.6	0.0952	10.2	0.0146	3.5	0.34	93.8	3.2	92.3	9.0	54.9	230.1	93.8	3.2
MAM13-CP72-76	74	2311	0.4	17.3595	37.4	0.1168	38.1	0.0147	7.5	0.20	94.1	7.0	112.1	40.5	514.8	848.9	94.1	7.0
MAM13-CP72-92	73	2733	1.0	31.7782	59.0	0.0638	59.3	0.0147	6.5	0.11	94.1	6.1	62.8	36.2	-1014.5	1897.5	94.1	6.1
MAM13-CP72-58	58	3445	1.0	10.3338	153.1	0.1963	153.8	0.0147	15.0	0.10	94.1	14.0	182.0	262.0	1562.7	234.6	94.1	14.0
MAM13-CP72-66	195	882	0.9	21.5325	14.1	0.0943	14.1	0.0147	1.2	0.09	94.2	1.1	91.5	12.3	20.6	338.8	94.2	1.1
MAM13-CP72-79	150	5433	1.4	22.6195	16.1	0.0899	16.9	0.0147	5.0	0.30	94.4	4.7	87.4	14.2	-99.0	398.8	94.4	4.7
MAM13-CP72-49	64	4773	0.5	9.6696	272.5	0.2107	272.6	0.0148	6.2	0.02	94.5	5.8	194.1	523.6	1686.3	702.0	94.5	5.8
MAM13-CP72-75	36	1471	0.4	30.0899	91.5	0.0678	93.0	0.0148	16.3	0.18	94.7	15.4	66.6	60.0	-855.0	1939.6	94.7	15.4
MAM13-CP72-64	132	634	0.8	27.5726	17.9	0.0740	18.3	0.0148	4.0	0.22	94.8	3.7	72.5	12.8	-610.7	490.8	94.8	3.7
MAM13-CP72-44	120	4707	1.1	22.9337	27.3	0.0892	27.8	0.0148	5.5	0.20	95.0	5.2	86.8	23.1	-133.0	685.0	95.0	5.2
MAM13-CP72-86	104	3849	1.8	25.3612	21.3	0.0808	23.7	0.0149	10.5	0.44	95.1	9.9	78.9	18.0	-388.1	558.5	95.1	9.9
MAM13-CP72-90	39	1490	0.7	-9.8838	300.5	-0.2075	300.9	0.0149	15.7	0.05	95.2	14.8	-236.1	-1081.7	NA	NA	95.2	14.8
MAM13-CP72-93	92	2876	1.2	19.6418	43.3	0.1044	43.5	0.0149	4.0	0.09	95.2	3.8	100.8	41.8	236.8	1044.2	95.2	3.8
MAM13-CP72-3	101	3273	0.9	23.8064	45.4	0.0861	45.5	0.0149	3.7	0.08	95.2	3.5	83.9	36.7	-226.2	1196.6	95.2	3.5
MAM13-CP72-34	75	2775	1.0	46.2878	117.2	0.0443	117.4	0.0149	6.3	0.05	95.3	6.0	44.1	50.6	NA	NA	95.3	6.0
MAM13-CP72-91	52	396	0.7	23.9474	90.8	0.0861	91.5	0.0149	11.2	0.12	95.7	10.7	83.8	73.7	-241.1	3175.3	95.7	10.7
MAM13-CP72-8	54	1539	0.5	28.3697	50.8	0.0728	52.0	0.0150	11.0	0.21	95.8	10.5	71.3	35.9	-689.0	1491.2	95.8	10.5
MAM13-CP72-85	37	1271	0.8	5.4924	234.3	0.3760	234.5	0.0150	9.7	0.04	95.8	9.3	324.1	771.4	2671.8	195.1	95.8	9.3
MAM13-CP72-14	54	1429	0.6	11.3810	158.2	0.1819	158.6	0.0150	11.3	0.07	96.1	10.8	169.7	253.0	1379.5	393.9	96.1	10.8
MAM13-CP72-54	97	6188	1.6	21.3431	25.0	0.0970	25.6	0.0150	5.4	0.21	96.1	5.2	94.0	23.0	41.8	607.0	96.1	5.2
MAM13-CP72-74	113	2362	1.0	20.9894	25.4	0.0989	26.0	0.0150	5.4	0.21	96.3	5.2	95.7	23.7	81.6	611.9	96.3	5.2
MAM13-CP72-87	46	1518	0.6	20.8025	44.8	0.1000	46.5	0.0151	12.6	0.27	96.5	12.1	96.8	43.0	102.8	1110.0	96.5	12.1
MAM13-CP72-60	54	2840	0.4	16.4150	40.3	0.1277	41.3	0.0152	9.2	0.22	97.3	8.9	122.0	47.6	636.4	902.3	97.3	8.9
MAM13-CP72-80	269	5798	1.2	19.8612	17.4	0.1058	17.7	0.0152	3.2	0.18	97.5	3.1	102.2	17.2	211.2	405.7	97.5	3.1
MAM13-CP72-55	109	11968	0.4	20.6285	33.5	0.1020	33.6	0.0153	3.2	0.09	97.6	3.1	98.6	31.6	122.6	808.0	97.6	3.1
MAM13-CP72-43	146	12206	1.5	22.8932	19.0	0.0920	19.4	0.0153	3.7	0.19	97.7	3.6	89.4	16.6	-128.6	472.7	97.7	3.6
MAM13-CP72-89	161	8328	0.3	20.5331	14.1	0.1026	16.1	0.0153	7.8	0.49	97.8	7.6	99.2	15.2	133.5	331.9	97.8	7.6
MAM13-CP72-26	51	2040	0.8	-3.9334	621.5	-0.5385	621.6	0.0154	7.7	0.04	98.3	7.5	-785.2	#NUM!	NA	NA	98.3	7.5
MAM13-CP72-71	78	3835	0.6	22.9112	42.8	0.0928	43.2	0.0154	6.4	0.15	98.7	6.3	90.1	37.3	-130.6	1101.7	98.7	6.3
MAM13-CP72-7	34	1170	0.9	13.2224	194.0	0.1610	194.5	0.0154	13.8	0.07	98.7	13.6	151.5	280.7	1085.3	829.4	98.7	13.6
MAM13-CP72-62	45	1693	0.9	9.8228	149.7	0.2173	149.9	0.0155	7.9	0.05	99.0	7.8	199.7	278.5	1657.3	150.7	99.0	7.8
MAM13-CP72-78	106	4905	1.4	20.7589	23.4	0.1033	23.6	0.0155	3.5	0.15	99.5	3.5	99.8	22.5	107.8	558.6	99.5	3.5
MAM13-CP72-32	51	2168	0.8	26.9109	51.7	0.0798	53.0	0.0156	11.7	0.22	99.6	11.6	78.0	39.8	-544.9	1476.6	99.6	11.6
MAM13-CP72-96	129	5954	1.2	21.9898	22.4	0.0984	22.9	0.0157	4.7	0.21	100.3	4.7	95.3	20.8	-30.1	549.2	100.3	4.7
MAM13-CP72-70	274	7436	1.7	21.5607	12.5	0.1007	12.9	0.0157	3.5	0.27	100.7	3.5	97.4	12.0	17.4	300.7	100.7	3.5
MAM13-CP72-15	46	1615	0.8	19.6411	129.2	0.1122	129.7	0.0160	11.3	0.09	102.2	11.5	108.0	133.6	236.9	1099.6	102.2	11.5
MAM13-CP72-94	135	3865	1.4	27.4613	21.0	0.0821	21.3	0.0163	3.6	0.17	104.5	3.8	80.1	16.4	-599.6	575.4	104.5	3.8
MAM13-CP72-47	80	186	0.9	36.7448	122.9	0.0614	123.2	0.0164	8.0	0.06	104.7	8.3	60.5	72.5	-1469.0	0.0	104.7	8.3
MAM13-CP72-65	263	12004	0.6	20.7580	8.4	0.1095	8.5	0.0165	1.5	0.18	105.4	1.6	105.5	8.5	107.9	198.2	105.4	1.6

MAM13-CP72-45	390	12579	1.4	21.7051	11.6	0.1051	11.8	0.0165	1.9	0.16	105.8	2.0	101.5	11.4	1.4	280.8	105.8	2.0
MAM13-CP72-81	298	10048	0.8	22.8628	13.8	0.0998	13.9	0.0166	1.9	0.14	105.9	2.0	96.6	12.8	-125.3	342.1	105.9	2.0
MAM13-CP72-46	191	5868	1.5	24.3577	29.5	0.0952	29.7	0.0168	3.2	0.11	107.5	3.4	92.3	26.2	-284.2	765.5	107.5	3.4
MAM13-CP72-72	189	11843	1.4	21.6548	13.6	0.1072	13.7	0.0168	1.8	0.13	107.7	1.9	103.4	13.5	7.0	329.3	107.7	1.9
MAM13-CP72-69	57	3234	1.1	16.3249	74.1	0.1432	74.5	0.0170	7.7	0.10	108.4	8.3	135.9	95.0	648.3	1895.5	108.4	8.3
MAM13-CP72-68	75	2348	1.7	22.1496	24.9	0.1058	25.7	0.0170	6.4	0.25	108.6	6.9	102.1	25.0	-47.7	614.4	108.6	6.9
MAM13-CP72-31	166	6721	1.4	19.3827	12.6	0.1225	13.1	0.0172	3.5	0.27	110.1	3.8	117.3	14.5	267.4	290.6	110.1	3.8
MAM13-CP72-11	244	14968	2.0	20.1236	10.1	0.1180	10.2	0.0172	1.3	0.13	110.1	1.4	113.3	11.0	180.6	236.6	110.1	1.4
MAM13-CP72-18	179	1767	1.5	19.8827	21.8	0.1206	22.7	0.0174	6.1	0.27	111.2	6.8	115.6	24.8	208.7	511.7	111.2	6.8
MAM13-CP72-12	153	3056	1.6	18.1451	38.0	0.1323	38.6	0.0174	6.9	0.18	111.3	7.6	126.2	45.8	416.7	878.3	111.3	7.6
MAM13-CP72-41	231	11180	1.0	20.6674	16.6	0.1163	16.8	0.0174	2.2	0.13	111.4	2.4	111.7	17.8	118.1	394.8	111.4	2.4
MAM13-CP72-88	192	7769	1.1	22.4004	11.2	0.1073	11.7	0.0174	3.1	0.27	111.4	3.5	103.5	11.5	-75.1	275.4	111.4	3.5
MAM13-CP72-20	70	2490	0.9	20.2275	46.2	0.1188	46.6	0.0174	5.7	0.12	111.4	6.3	114.0	50.2	168.6	1135.8	111.4	6.3
MAM13-CP72-52	33	1338	1.8	17.7385	41.0	0.1356	45.5	0.0174	19.8	0.43	111.5	21.9	129.1	55.3	467.2	946.2	111.5	21.9
MAM13-CP72-51	225	16765	1.1	19.9393	9.1	0.1207	9.5	0.0175	2.5	0.26	111.6	2.8	115.7	10.4	202.0	212.4	111.6	2.8
MAM13-CP72-38	113	4878	1.0	25.0755	27.2	0.0961	27.6	0.0175	5.0	0.18	111.6	5.6	93.1	24.6	-358.7	714.1	111.6	5.6
MAM13-CP72-6	683	11594	1.6	20.2598	2.7	0.1195	4.1	0.0176	3.1	0.75	112.2	3.4	114.6	4.4	164.9	63.4	112.2	3.4
MAM13-CP72-73	276	7209	1.0	21.9359	14.1	0.1108	14.4	0.0176	2.8	0.19	112.7	3.1	106.7	14.5	-24.1	342.4	112.7	3.1
MAM13-CP72-16	174	7466	1.4	24.7384	28.3	0.0984	28.5	0.0177	3.2	0.11	112.8	3.5	95.3	25.9	-323.8	739.4	112.8	3.5
MAM13-CP72-10	473	3964	1.3	21.3872	6.0	0.1141	6.5	0.0177	2.5	0.39	113.1	2.8	109.7	6.8	36.8	143.5	113.1	2.8
MAM13-CP72-57	123	4720	1.1	21.8096	11.3	0.1120	12.5	0.0177	5.3	0.43	113.2	6.0	107.8	12.7	-10.2	273.0	113.2	6.0
MAM13-CP72-28	164	7538	1.2	21.0218	16.4	0.1180	16.6	0.0180	2.0	0.12	114.9	2.3	113.2	17.8	77.9	392.7	114.9	2.3
MAM13-CP72-19	381	10804	1.6	21.3124	9.2	0.1164	9.4	0.0180	1.7	0.18	115.0	1.9	111.8	9.9	45.2	220.9	115.0	1.9
MAM13-CP72-99	342	9330	2.0	21.1285	5.1	0.1176	5.7	0.0180	2.4	0.43	115.2	2.8	112.9	6.1	65.9	122.5	115.2	2.8
MAM13-CP72-97	198	18295	1.2	20.9248	11.5	0.1188	11.9	0.0180	2.9	0.25	115.2	3.4	114.0	12.8	88.9	273.8	115.2	3.4
MAM13-CP72-13	160	4914	1.6	25.5104	25.5	0.0977	25.6	0.0181	2.3	0.09	115.5	2.6	94.6	23.1	-403.4	674.3	115.5	2.6
MAM13-CP72-1	131	6646	1.2	25.3132	21.2	0.0987	21.5	0.0181	3.4	0.16	115.7	3.8	95.5	19.6	-383.2	556.1	115.7	3.8
MAM13-CP72-95	184	6649	1.7	20.8438	15.2	0.1200	15.3	0.0181	2.3	0.15	115.9	2.6	115.1	16.7	98.1	361.0	115.9	2.6
MAM13-CP72-4	82	5556	1.7	17.6203	21.1	0.1445	22.1	0.0185	6.4	0.29	117.9	7.4	137.0	28.3	482.0	471.4	117.9	7.4
MAM13-CP72-5	441	7930	1.8	22.3591	6.5	0.1149	6.9	0.0186	2.1	0.30	119.0	2.5	110.4	7.2	-70.6	160.0	119.0	2.5
MAM13-CP72-100	129	5432	0.8	20.9236	20.1	0.1240	21.1	0.0188	6.1	0.29	120.2	7.3	118.7	23.6	89.1	481.7	120.2	7.3
MAM13-CP72-98	111	4962	1.8	20.0799	24.8	0.1310	25.0	0.0191	3.3	0.13	121.8	3.9	125.0	29.4	185.7	584.9	121.8	3.9
MAM13-CP72-82	97	4495	1.5	26.3519	16.9	0.1016	17.5	0.0194	4.3	0.24	124.0	5.3	98.3	16.4	-488.8	452.4	124.0	5.3
MAM13-CP72-61	105	4404	1.4	24.5458	22.0	0.1125	22.4	0.0200	4.3	0.19	127.8	5.5	108.2	23.0	-303.8	568.6	127.8	5.5
MAM13-CP72-30	186	10185	2.9	20.1808	8.1	0.1470	8.5	0.0215	2.7	0.32	137.2	3.7	139.2	11.1	174.0	189.2	137.2	3.7
MAM13-CP72-84	385	10890	1.6	20.4015	3.2	0.1476	3.6	0.0218	1.5	0.43	139.3	2.1	139.8	4.7	148.6	75.5	139.3	2.1
MAM13-CP72-59	247	6816	2.3	21.5501	9.4	0.1440	9.6	0.0225	2.2	0.23	143.4	3.1	136.6	12.3	18.7	225.4	143.4	3.1
MAM13-CP72-23	555	43877	2.8	20.1616	4.2	0.1546	4.4	0.0226	1.4	0.31	144.1	1.9	146.0	6.0	176.2	97.7	144.1	1.9
MAM13-CP72-17	205	7180	1.6	20.7226	5.3	0.1508	5.7	0.0227	2.2	0.38	144.5	3.1	142.6	7.6	111.9	124.1	144.5	3.1
MAM13-CP72-35	191	14103	1.7	19.7060	6.6	0.2044	7.1	0.0292	2.7	0.38	185.6	5.0	188.8	12.2	229.3	151.6	185.6	5.0
MAM13-CP72-33	153	5782	0.7	20.5121	13.3	0.1966	13.5	0.0292	2.2	0.16	185.9	4.0	182.3	22.4	135.9	313.1	185.9	4.0
MAM13-CP72-22	35	4903	1.8	19.8950	22.6	0.3728	22.7	0.0538	2.7	0.12	337.8	8.9	321.8	62.8	207.2	529.6	337.8	8.9
MAM13-CP72-67	189	28418	1.2	17.4544	4.2	0.6781	5.0	0.0858	2.5	0.51	530.9	13.0	525.6	20.3	502.8	93.6	530.9	13.0
MAM13-CP72-53	51	11085	1.4	12.7360	2.5	2.0441	3.2	0.1888	2.0	0.62	1114.9	20.6	1130.3	22.1	1160.0	50.5	1160.0	50.5

MAM14-CP150-103	64	2816	1.2	20.1338	34.1	0.1006	34.4	0.0147	4.4	0.13	94.1	4.1	97.4	31.9	179.5	816.1	94.1	4.1
MAM14-CP150-65	96	1896	1.0	25.3432	39.6	0.0801	39.9	0.0147	5.0	0.13	94.3	4.7	78.3	30.1	-386.3	1065.7	94.3	4.7
MAM14-CP150-49	90	6495	0.9	32.0125	38.9	0.0641	39.3	0.0149	5.6	0.14	95.2	5.3	63.1	24.0	-1036.4	1199.2	95.2	5.3
MAM14-CP150-53	204	11699	1.2	22.8235	17.1	0.0911	17.3	0.0151	2.6	0.15	96.4	2.5	88.5	14.7	-121.1	424.2	96.4	2.5
MAM14-CP150-94	265	21648	1.2	22.1684	13.4	0.0939	13.5	0.0151	2.2	0.16	96.6	2.1	91.1	11.8	-49.7	326.2	96.6	2.1

MAM14-CP150-43	443	15494	1.2	20.9396	5.6	0.0997	6.3	0.0151	2.8	0.45	96.9	2.7	96.5	5.8	87.2	133.1	96.9	2.7
MAM14-CP150-58	125	5297	0.8	24.6391	28.4	0.0864	29.0	0.0154	5.7	0.20	98.7	5.6	84.1	23.4	-313.5	740.5	98.7	5.6
MAM14-CP150-107	63	4738	1.5	31.2966	77.2	0.0722	77.8	0.0164	9.8	0.13	104.8	10.1	70.8	53.2	-969.3	2671.6	104.8	10.1
MAM14-CP150-1	294	13116	0.6	21.1177	6.0	0.1073	6.5	0.0164	2.6	0.40	105.1	2.7	103.5	6.4	67.1	142.8	105.1	2.7
MAM14-CP150-47	74	6696	1.6	19.2222	27.5	0.1240	27.8	0.0173	3.8	0.14	110.5	4.2	118.7	31.1	286.4	639.7	110.5	4.2
MAM14-CP150-36	240	7702	0.7	20.1411	5.6	0.1190	6.0	0.0174	1.9	0.32	111.1	2.1	114.1	6.4	178.6	131.7	111.1	2.1
MAM14-CP150-16	183	16529	1.2	25.6780	16.0	0.0949	16.1	0.0177	2.4	0.15	113.0	2.7	92.1	14.2	-420.5	420.2	113.0	2.7
MAM14-CP150-10	200	18095	1.3	23.8694	15.6	0.1031	16.4	0.0178	5.0	0.30	114.0	5.6	99.6	15.6	-232.8	395.7	114.0	5.6
MAM14-CP150-91	253	15203	1.0	21.2889	10.7	0.1174	11.5	0.0181	4.2	0.36	115.8	4.8	112.7	12.3	47.9	257.0	115.8	4.8
MAM14-CP150-62	123	14736	1.2	25.8874	37.8	0.0970	37.9	0.0182	2.9	0.08	116.4	3.3	94.0	34.0	-441.8	1023.9	116.4	3.3
MAM14-CP150-23	333	1018	1.0	19.8387	6.0	0.1290	6.8	0.0186	3.3	0.49	118.6	3.9	123.2	7.9	213.8	138.3	118.6	3.9
MAM14-CP150-56	194	12525	1.4	22.4602	11.8	0.1156	13.3	0.0188	6.1	0.46	120.2	7.3	111.1	14.0	-81.6	288.9	120.2	7.3
MAM14-CP150-85	122	2555	1.0	25.1046	27.0	0.1042	27.1	0.0190	1.8	0.07	121.1	2.2	100.6	25.9	-361.7	709.9	121.1	2.2
MAM14-CP150-72	446	64790	1.0	20.8190	2.7	0.1605	2.9	0.0242	1.0	0.35	154.3	1.6	151.1	4.1	100.9	64.4	154.3	1.6
MAM14-CP150-95	87	7890	1.4	24.5719	32.7	0.1363	32.9	0.0243	3.4	0.10	154.7	5.2	129.8	40.1	-306.5	857.1	154.7	5.2
MAM14-CP150-80	286	12807	1.1	20.7982	7.0	0.1616	7.7	0.0244	3.3	0.43	155.2	5.1	152.1	10.9	103.2	164.7	155.2	5.1
MAM14-CP150-52	121	8306	0.9	23.1474	10.2	0.1477	10.5	0.0248	2.4	0.23	157.9	3.7	139.9	13.7	-156.0	254.5	157.9	3.7
MAM14-CP150-78	83	3058	0.6	26.1515	25.8	0.1311	26.1	0.0249	4.1	0.16	158.3	6.4	125.1	30.7	-468.6	690.9	158.3	6.4
MAM14-CP150-60	241	19605	1.0	19.7763	10.1	0.1738	10.3	0.0249	2.0	0.19	158.7	3.1	162.7	15.5	221.1	235.1	158.7	3.1
MAM14-CP150-45	124	15655	0.8	22.7170	17.4	0.1519	17.5	0.0250	1.9	0.11	159.4	3.0	143.6	23.4	-109.6	430.2	159.4	3.0
MAM14-CP150-35	152	10643	1.0	19.4306	8.6	0.1788	9.2	0.0252	3.3	0.36	160.4	5.3	167.0	14.1	261.7	196.8	160.4	5.3
MAM14-CP150-40	224	924	0.8	19.4514	19.0	0.1803	19.2	0.0254	2.6	0.14	161.9	4.2	168.3	29.8	259.2	440.7	161.9	4.2
MAM14-CP150-54	364	18282	1.3	20.4063	2.5	0.1728	2.9	0.0256	1.4	0.50	162.8	2.3	161.8	4.3	148.0	58.1	162.8	2.3
MAM14-CP150-86	166	17419	1.4	22.0243	11.3	0.1613	11.6	0.0258	2.6	0.22	164.0	4.2	151.8	16.4	-33.9	275.8	164.0	4.2
MAM14-CP150-105	57	3677	1.2	26.6698	38.4	0.1351	39.5	0.0261	9.2	0.23	166.3	15.1	128.7	47.7	-520.8	1058.2	166.3	15.1
MAM14-CP150-100	64	9190	1.1	23.1382	29.9	0.1571	30.7	0.0264	6.8	0.22	167.8	11.3	148.2	42.3	-155.0	756.5	167.8	11.3
MAM14-CP150-50	215	17344	1.8	21.1424	12.6	0.1765	12.9	0.0271	2.6	0.20	172.1	4.4	165.0	19.6	64.3	301.8	172.1	4.4
MAM14-CP150-14	299	26377	1.7	19.8663	5.2	0.1879	5.7	0.0271	2.2	0.39	172.2	3.8	174.9	9.1	210.6	121.6	172.2	3.8
MAM14-CP150-21	67	3643	0.5	16.1485	32.1	0.2356	32.5	0.0276	4.9	0.15	175.5	8.6	214.8	63.0	671.5	704.6	175.5	8.6
MAM14-CP150-6	70	6673	1.1	20.7995	16.2	0.1843	16.4	0.0278	2.6	0.16	176.8	4.5	171.8	25.9	103.1	385.2	176.8	4.5
MAM14-CP150-30	282	38220	0.7	19.9657	5.6	0.1931	5.8	0.0280	1.5	0.25	177.8	2.5	179.2	9.5	199.0	129.9	177.8	2.5
MAM14-CP150-67	180	16060	0.4	21.0348	8.9	0.1847	9.5	0.0282	3.3	0.34	179.1	5.8	172.1	15.1	76.4	212.9	179.1	5.8
MAM14-CP150-34	254	44126	1.2	20.8643	6.2	0.1869	6.5	0.0283	1.9	0.29	179.8	3.4	174.0	10.4	95.7	147.4	179.8	3.4
MAM14-CP150-97	38	2646	0.6	19.7306	20.0	0.1977	20.5	0.0283	4.5	0.22	179.9	8.0	183.2	34.3	226.4	465.2	179.9	8.0
MAM14-CP150-102	190	17216	1.6	20.0182	13.7	0.1950	13.7	0.0283	1.2	0.09	180.0	2.1	180.9	22.7	192.9	318.8	180.0	2.1
MAM14-CP150-5	313	44132	1.4	20.7710	4.2	0.1883	4.9	0.0284	2.7	0.54	180.4	4.7	175.2	8.0	106.3	98.5	180.4	4.7
MAM14-CP150-92	102	1233	0.3	18.0950	27.8	0.2164	28.6	0.0284	6.7	0.23	180.5	11.9	198.9	51.7	422.9	631.2	180.5	11.9
MAM14-CP150-111	196	31284	0.9	18.9803	9.6	0.2063	9.8	0.0284	1.6	0.16	180.6	2.8	190.5	17.0	315.3	219.8	180.6	2.8
MAM14-CP150-41	98	12119	1.4	19.4314	16.7	0.2016	17.0	0.0284	2.9	0.17	180.6	5.1	186.5	28.9	261.6	386.1	180.6	5.1
MAM14-CP150-29	877	60206	1.3	20.2420	1.7	0.1936	2.1	0.0284	1.3	0.61	180.7	2.3	179.7	3.5	166.9	38.9	180.7	2.3
MAM14-CP150-9	43	2081	0.4	21.2256	27.7	0.1846	28.2	0.0284	5.1	0.18	180.7	9.1	172.0	44.6	55.0	672.7	180.7	9.1
MAM14-CP150-2	36	2669	0.3	17.7502	32.5	0.2210	32.7	0.0284	3.9	0.12	180.8	6.9	202.7	60.2	465.7	737.4	180.8	6.9
MAM14-CP150-46	84	7092	0.4	21.6802	33.1	0.1813	33.5	0.0285	5.1	0.15	181.2	9.2	169.2	52.2	4.2	816.5	181.2	9.2
MAM14-CP150-20	112	8699	0.7	21.0199	15.9	0.1874	16.1	0.0286	2.8	0.17	181.6	5.0	174.4	25.8	78.1	378.9	181.6	5.0
MAM14-CP150-115	195	18495	1.3	20.1352	3.4	0.1965	4.3	0.0287	2.6	0.62	182.3	4.8	182.1	7.1	179.3	78.7	182.3	4.8
MAM14-CP150-75	108	8320	0.5	21.5386	11.1	0.1839	11.6	0.0287	3.4	0.29	182.5	6.0	171.4	18.3	19.9	267.9	182.5	6.0
MAM14-CP150-63	46	5159	0.5	19.2860	35.3	0.2054	35.5	0.0287	4.3	0.12	182.6	7.8	189.7	61.5	278.9	830.5	182.6	7.8
MAM14-CP150-66	55	10774	0.9	19.6312	21.3	0.2018	21.8	0.0287	4.3	0.20	182.6	7.7	186.6	37.1	238.1	497.3	182.6	7.7
MAM14-CP150-77	22	3906	0.3	12.7056	36.0	0.3118	37.1	0.0287	9.0	0.24	182.6	16.3	275.6	89.8	1164.7	737.3	182.6	16.3
MAM14-CP150-70	174	14766	0.5	21.5700	9.4	0.1838	9.6	0.0287	1.9	0.20	182.7	3.5	171.3	15.1	16.4	225.9	182.7	3.5

MAM14-CP150-112	88	8358	0.3	23.9730	13.4	0.1657	14.1	0.0288	4.5	0.32	183.1	8.1	155.7	20.4	-243.8	340.1	183.1	8.1
MAM14-CP150-71	179	11839	0.7	20.5940	11.5	0.1931	11.6	0.0288	1.4	0.12	183.3	2.5	179.3	19.0	126.6	271.5	183.3	2.5
MAM14-CP150-98	64	5018	0.5	25.3479	16.7	0.1571	17.0	0.0289	3.3	0.19	183.5	6.0	148.1	23.5	-386.8	437.2	183.5	6.0
MAM14-CP150-27	66	7667	0.5	20.0158	17.3	0.1992	18.0	0.0289	5.0	0.28	183.8	9.1	184.5	30.4	193.2	405.3	183.8	9.1
MAM14-CP150-83	61	10633	0.4	23.7964	23.8	0.1679	24.4	0.0290	5.0	0.21	184.2	9.1	157.6	35.6	-225.1	607.3	184.2	9.1
MAM14-CP150-104	52	2985	0.4	23.0002	14.5	0.1740	15.7	0.0290	6.1	0.39	184.4	11.1	162.8	23.6	-140.1	359.6	184.4	11.1
MAM14-CP150-99	173	14250	0.8	20.3389	7.7	0.1970	8.0	0.0291	2.1	0.26	184.7	3.8	182.6	13.4	155.8	181.3	184.7	3.8
MAM14-CP150-44	65	7650	0.3	30.5364	25.2	0.1313	25.5	0.0291	3.8	0.15	184.8	6.9	125.3	30.0	-897.5	739.3	184.8	6.9
MAM14-CP150-96	88	5028	0.5	20.6498	20.2	0.1950	20.3	0.0292	2.3	0.11	185.5	4.2	180.9	33.7	120.1	479.9	185.5	4.2
MAM14-CP150-73	189	35394	0.6	21.2235	7.2	0.1904	7.3	0.0293	1.2	0.16	186.2	2.2	177.0	11.9	55.2	172.7	186.2	2.2
MAM14-CP150-109	119	1893	0.5	18.3726	19.8	0.2200	20.0	0.0293	2.5	0.12	186.2	4.5	201.9	36.6	388.8	448.8	186.2	4.5
MAM14-CP150-64	66	4563	0.4	20.7148	22.6	0.1951	22.9	0.0293	3.6	0.16	186.2	6.7	181.0	37.9	112.7	538.4	186.2	6.7
MAM14-CP150-26	164	13877	0.7	19.8922	6.0	0.2035	6.4	0.0294	2.1	0.33	186.6	3.8	188.1	10.9	207.6	139.2	186.6	3.8
MAM14-CP150-7	108	9856	0.2	20.7581	12.9	0.1956	13.9	0.0294	5.2	0.38	187.0	9.6	181.4	23.1	107.8	304.9	187.0	9.6
MAM14-CP150-61	250	11410	0.5	20.4570	4.6	0.2010	5.4	0.0298	2.7	0.51	189.5	5.1	186.0	9.2	142.2	109.1	189.5	5.1
MAM14-CP150-69	175	36806	1.4	19.5146	6.4	0.2110	6.8	0.0299	2.4	0.35	189.7	4.5	194.4	12.1	251.8	146.7	189.7	4.5
MAM14-CP150-82	103	18184	0.4	20.9509	14.6	0.1968	15.0	0.0299	3.7	0.24	189.9	6.8	182.4	25.1	86.0	347.2	189.9	6.8
MAM14-CP150-81	78	7368	0.8	22.0968	18.8	0.1866	19.2	0.0299	4.3	0.22	189.9	8.1	173.7	30.7	-41.9	459.1	189.9	8.1
MAM14-CP150-11	157	16760	0.2	21.2585	10.0	0.1952	10.1	0.0301	1.7	0.17	191.1	3.2	181.0	16.8	51.3	238.5	191.1	3.2
MAM14-CP150-51	82	6592	0.5	23.2352	22.0	0.1789	22.2	0.0301	2.9	0.13	191.5	5.4	167.1	34.3	-165.4	554.3	191.5	5.4
MAM14-CP150-4	114	13918	0.8	20.6550	15.9	0.2017	16.5	0.0302	4.3	0.26	191.9	8.1	186.6	28.1	119.6	377.4	191.9	8.1
MAM14-CP150-13	110	10163	0.5	20.5185	12.8	0.2031	13.2	0.0302	3.2	0.24	192.0	6.0	187.8	22.6	135.2	301.2	192.0	6.0
MAM14-CP150-88	90	6828	0.5	18.9653	7.8	0.2214	11.4	0.0305	8.3	0.73	193.4	15.9	203.1	21.0	317.1	178.2	193.4	15.9
MAM14-CP150-55	393	17334	0.4	19.2246	4.2	0.2202	5.4	0.0307	3.4	0.62	195.0	6.4	202.1	9.9	286.2	96.6	195.0	6.4
MAM14-CP150-48	116	12676	0.8	19.3689	10.5	0.2372	10.9	0.0333	2.9	0.26	211.3	6.0	216.1	21.2	269.0	240.9	211.3	6.0
MAM14-CP150-57	169	13585	1.0	21.1902	7.6	0.2187	7.9	0.0336	2.3	0.29	213.1	4.9	200.8	14.4	59.0	180.6	213.1	4.9
MAM14-CP150-76	275	29123	0.6	19.6176	3.4	0.2682	3.6	0.0382	1.2	0.32	241.5	2.8	241.3	7.8	239.7	78.7	241.5	2.8
MAM14-CP150-19	158	22958	1.2	19.7804	8.1	0.2774	8.8	0.0398	3.5	0.40	251.6	8.7	248.6	19.5	220.6	187.3	251.6	8.7
MAM14-CP150-12	165	14831	0.5	20.8359	7.5	0.2760	8.6	0.0417	4.3	0.49	263.4	11.0	247.5	19.0	99.0	177.8	263.4	11.0
MAM14-CP150-38	232	30129	1.7	19.3672	4.4	0.3183	4.6	0.0447	1.4	0.30	282.0	3.9	280.6	11.3	269.2	100.6	282.0	3.9
MAM14-CP150-28	384	15251	1.2	18.8945	3.8	0.3301	4.1	0.0452	1.6	0.40	285.2	4.5	289.6	10.3	325.6	85.6	285.2	4.5
MAM14-CP150-110	66	14976	1.5	17.8225	5.5	0.3858	6.6	0.0499	3.7	0.56	313.7	11.3	331.3	18.7	456.7	121.7	313.7	11.3
MAM14-CP150-32	44	12020	1.0	19.7421	21.9	0.3502	22.7	0.0501	6.1	0.27	315.4	18.6	304.8	59.8	225.1	510.6	315.4	18.6
MAM14-CP150-93	123	22518	0.9	20.0356	7.9	0.3450	8.2	0.0501	2.2	0.26	315.4	6.6	301.0	21.4	190.9	184.9	315.4	6.6
MAM14-CP150-17	96	10752	2.8	19.3126	7.7	0.4147	8.0	0.0581	2.4	0.30	364.0	8.5	352.3	23.9	275.7	175.6	364.0	8.5
MAM14-CP150-39	17	1496	1.0	15.9889	19.1	0.5035	21.1	0.0584	8.9	0.42	365.8	31.5	414.0	71.7	692.7	410.7	365.8	31.5
MAM14-CP150-114	302	46750	3.9	18.5076	2.4	0.4510	2.7	0.0605	1.2	0.44	378.9	4.3	378.0	8.5	372.4	54.6	378.9	4.3
MAM14-CP150-68	249	98686	3.5	18.5390	2.1	0.4512	2.4	0.0607	1.0	0.42	379.7	3.7	378.1	7.4	368.5	48.1	379.7	3.7
MAM14-CP150-108	237	12051	2.8	17.3505	5.7	0.4843	6.5	0.0609	3.0	0.47	381.3	11.2	401.0	21.4	515.9	125.4	381.3	11.2
MAM14-CP150-31	307	165258	6.2	17.1209	1.3	0.4963	2.1	0.0616	1.6	0.77	385.5	6.0	409.2	7.0	545.1	29.1	385.5	6.0
MAM14-CP150-24	419	18874	3.0	14.8571	1.9	0.7152	3.4	0.0771	2.8	0.83	478.6	13.0	547.8	14.4	847.3	39.6	478.6	13.0
MAM14-CP150-113	79	18615	1.5	17.7403	6.6	0.6022	6.9	0.0775	2.1	0.30	481.1	9.6	478.6	26.2	467.0	145.2	481.1	9.6
MAM14-CP150-79	153	35222	1.5	17.9081	2.9	0.5990	3.5	0.0778	1.8	0.54	483.0	8.6	476.6	13.1	446.0	64.8	483.0	8.6
MAM14-CP150-87	287	88117	54.8	17.2489	1.1	0.6744	1.8	0.0844	1.4	0.78	522.2	7.0	523.4	7.3	528.8	24.7	522.2	7.0
MAM14-CP150-37	82	35858	1.6	17.4004	5.9	0.6736	6.2	0.0850	1.6	0.26	526.0	8.1	522.9	25.2	509.6	130.8	526.0	8.1
MAM14-CP150-18	133	66470	1.8	17.0613	2.8	0.6919	3.6	0.0856	2.2	0.62	529.6	11.3	534.0	15.0	552.7	62.0	529.6	11.3
MAM14-CP150-106	74	16678	1.5	17.5455	5.9	0.6780	7.0	0.0863	3.7	0.53	533.5	19.1	525.6	28.8	491.3	131.0	533.5	19.1
MAM14-CP150-59	128	47281	1.5	17.1393	3.2	0.7124	3.6	0.0886	1.5	0.42	547.0	7.8	546.2	15.1	542.8	70.8	547.0	7.8
MAM14-CP150-90	124	48234	1.6	17.2524	3.5	0.7396	4.2	0.0925	2.2	0.53	570.6	12.0	562.2	17.9	528.4	77.2	570.6	12.0
MAM14-CP150-3	68	30614	1.2	14.0311	3.4	1.6408	4.1	0.1670	2.2	0.54	995.4	20.4	986.0	25.9	965.2	70.4	965.2	70.4

MAM14-CP150-101	68	13962	1.3	13.8379	3.1	1.4278	3.6	0.1433	1.9	0.51	863.3	15.0	900.6	21.5	993.4	63.0	993.4	63.0
MAM14-CP150-22	202	120865	2.9	13.6037	1.1	1.6923	2.2	0.1670	1.9	0.86	995.4	17.3	1005.6	14.0	1028.0	22.8	1028.0	22.8
MAM14-CP150-33	55	22331	2.7	13.1954	1.9	1.9221	2.5	0.1840	1.7	0.66	1088.5	16.7	1088.8	16.9	1089.4	38.4	1089.4	38.4

MAM13-LH157-85	511	68485	1.0	21.6109	4.5	0.0966	5.9	0.0151	3.9	0.66	96.9	3.7	93.6	5.3	11.9	107.3	96.9	3.7
MAM13-LH157-59	87	3547	1.2	18.3080	27.0	0.1150	27.2	0.0153	3.6	0.13	97.7	3.5	110.5	28.5	396.7	615.3	97.7	3.5
MAM13-LH157-88	163	17721	1.0	24.6242	21.7	0.0862	21.9	0.0154	3.1	0.14	98.5	3.0	84.0	17.6	-312.0	561.0	98.5	3.0
MAM13-LH157-78	51	6684	1.1	20.1725	33.8	0.1054	34.7	0.0154	7.8	0.23	98.6	7.7	101.7	33.6	175.0	809.2	98.6	7.7
MAM13-LH157-47	82	1639	1.3	82.4317	72.4	0.0258	72.7	0.0154	7.0	0.10	98.8	6.8	25.9	18.6	NA	NA	98.8	6.8
MAM13-LH157-84	246	32319	0.7	21.5868	10.1	0.0996	10.9	0.0156	4.2	0.38	99.7	4.1	96.4	10.0	14.6	242.1	99.7	4.1
MAM13-LH157-79	193	32590	1.1	19.1437	13.3	0.1123	13.7	0.0156	3.3	0.24	99.7	3.2	108.1	14.1	295.8	305.2	99.7	3.2
MAM13-LH157-26	118	6897	1.2	22.8314	14.5	0.0954	15.8	0.0158	6.3	0.40	101.0	6.3	92.5	13.9	-121.9	358.6	101.0	6.3
MAM13-LH157-66	162	20602	0.9	24.5474	32.3	0.0893	32.6	0.0159	4.1	0.13	101.7	4.2	86.8	27.1	-304.0	845.4	101.7	4.2
MAM13-LH157-31	281	16741	1.1	20.5026	9.9	0.1069	10.1	0.0159	2.2	0.21	101.7	2.2	103.1	9.9	137.0	232.3	101.7	2.2
MAM13-LH157-64	75	8185	1.1	23.2236	52.4	0.0948	52.8	0.0160	6.4	0.12	102.2	6.5	92.0	46.5	-164.1	1391.7	102.2	6.5
MAM13-LH157-72	233	22457	0.9	18.9717	10.2	0.1162	10.5	0.0160	2.2	0.21	102.2	2.3	111.6	11.1	316.3	233.6	102.2	2.3
MAM13-LH157-13	392	16902	0.6	20.8198	7.0	0.1063	7.2	0.0160	1.7	0.23	102.6	1.7	102.5	7.0	100.8	165.2	102.6	1.7
MAM13-LH157-24	247	6274	0.6	17.9233	11.3	0.1237	12.1	0.0161	4.3	0.35	102.8	4.4	118.4	13.5	444.1	251.7	102.8	4.4
MAM13-LH157-9	333	34312	0.5	21.7425	7.3	0.1020	7.9	0.0161	3.0	0.39	102.9	3.1	98.6	7.4	-2.7	175.7	102.9	3.1
MAM13-LH157-33	124	56171	1.7	25.7576	44.7	0.0866	44.9	0.0162	3.9	0.09	103.5	4.0	84.3	36.3	-428.6	1225.3	103.5	4.0
MAM13-LH157-67	351	30773	0.9	20.5132	8.2	0.1090	8.4	0.0162	1.8	0.22	103.7	1.9	105.1	8.4	135.8	192.8	103.7	1.9
MAM13-LH157-71	145	26577	0.6	21.3649	25.5	0.1052	25.6	0.0163	2.9	0.11	104.2	3.0	101.6	24.8	39.3	618.0	104.2	3.0
MAM13-LH157-107	78	22352	1.2	21.9602	42.6	0.1026	43.2	0.0163	7.2	0.17	104.5	7.5	99.2	40.8	-26.8	1074.5	104.5	7.5
MAM13-LH157-92	1855	20443	1.5	20.8466	1.6	0.1092	1.7	0.0165	0.6	0.36	105.6	0.6	105.2	1.7	97.8	37.4	105.6	0.6
MAM13-LH157-58	520	16961	0.7	20.8436	7.6	0.1105	7.7	0.0167	1.2	0.15	106.8	1.2	106.4	7.8	98.1	180.0	106.8	1.2
MAM13-LH157-30	432	41625	2.1	21.0812	7.4	0.1103	7.8	0.0169	2.2	0.29	107.8	2.4	106.2	7.8	71.2	176.9	107.8	2.4
MAM13-LH157-70	593	110527	2.0	21.0327	5.3	0.1123	5.6	0.0171	1.6	0.29	109.5	1.7	108.0	5.7	76.7	127.1	109.5	1.7
MAM13-LH157-98	112	4251	1.2	31.7998	34.2	0.0752	34.4	0.0173	4.1	0.12	110.8	4.5	73.6	24.4	-1016.5	1040.9	110.8	4.5
MAM13-LH157-103	488	59459	2.2	20.4557	5.1	0.1170	5.9	0.0174	2.8	0.49	110.9	3.1	112.4	6.2	142.4	120.2	110.9	3.1
MAM13-LH157-99	169	7750	1.9	23.7065	19.2	0.1019	19.4	0.0175	2.9	0.15	111.9	3.2	98.5	18.2	-215.6	485.7	111.9	3.2
MAM13-LH157-52	114	9390	1.3	29.0622	42.5	0.0833	42.6	0.0175	2.2	0.05	112.1	2.5	81.2	33.2	-756.2	1241.3	112.1	2.5
MAM13-LH157-102	252	19571	1.4	21.2218	16.8	0.1144	17.1	0.0176	2.6	0.15	112.5	2.9	109.9	17.8	55.4	404.3	112.5	2.9
MAM13-LH157-82	151	23250	0.9	20.4507	14.3	0.1190	14.5	0.0176	2.3	0.16	112.8	2.6	114.1	15.7	143.0	337.8	112.8	2.6
MAM13-LH157-61	661	45579	1.4	20.6758	3.9	0.1177	4.0	0.0177	0.8	0.19	112.8	0.9	113.0	4.3	117.2	92.5	112.8	0.9
MAM13-LH157-27	154	8943	1.6	22.8707	22.0	0.1070	22.6	0.0177	5.0	0.22	113.4	5.6	103.2	22.2	-126.2	550.1	113.4	5.6
MAM14-LH157-5	173	9340	1.2	21.7731	15.8	0.1126	16.1	0.0178	3.0	0.19	113.6	3.4	108.3	16.6	-6.1	384.1	113.6	3.4
MAM13-LH157-38	189	23614	0.8	20.7975	18.9	0.1179	19.1	0.0178	2.5	0.13	113.7	2.8	113.2	20.5	103.3	451.3	113.7	2.8
MAM13-LH157-48	117	5693	1.1	19.0878	16.3	0.1285	16.9	0.0178	4.4	0.26	113.7	4.9	122.8	19.5	302.5	373.3	113.7	4.9
MAM13-LH157-110	319	55030	1.6	20.9190	9.7	0.1183	9.8	0.0179	1.5	0.16	114.6	1.8	113.5	10.5	89.6	230.1	114.6	1.8
MAM13-LH157-19	327	24131	0.8	20.7114	6.4	0.1196	6.6	0.0180	1.8	0.27	114.8	2.0	114.7	7.2	113.1	151.0	114.8	2.0
MAM14-LH157-3	193	26373	1.2	20.3680	17.2	0.1221	17.5	0.0180	3.3	0.19	115.2	3.8	116.9	19.3	152.5	404.3	115.2	3.8
MAM13-LH157-41	90	11015	1.7	18.6893	28.1	0.1334	28.3	0.0181	3.3	0.12	115.5	3.8	127.1	33.8	350.4	646.3	115.5	3.8
MAM13-LH157-65	383	56340	0.8	22.1195	10.0	0.1128	10.3	0.0181	2.6	0.25	115.6	3.0	108.5	10.6	-44.4	244.1	115.6	3.0
MAM13-LH157-17	151	30348	1.8	19.3339	14.6	0.1292	15.2	0.0181	4.3	0.28	115.7	4.9	123.4	17.7	273.1	336.9	115.7	4.9
MAM13-LH157-77	245	44097	1.4	20.5236	14.6	0.1218	14.8	0.0181	2.2	0.15	115.9	2.5	116.7	16.3	134.6	344.7	115.9	2.5
MAM13-LH157-39	330	21749	1.7	21.2584	7.5	0.1186	7.6	0.0183	1.2	0.15	116.8	1.4	113.8	8.2	51.3	179.5	116.8	1.4
MAM13-LH157-109	232	48459	1.1	19.3637	9.7	0.1303	10.0	0.0183	2.4	0.24	116.9	2.8	124.4	11.7	269.6	223.6	116.9	2.8
MAM13-LH157-28	176	12332	1.5	20.7117	15.8	0.1226	16.8	0.0184	5.8	0.34	117.6	6.7	117.4	18.6	113.1	374.7	117.6	6.7
MAM13-LH157-63	548	53625	1.5	20.6384	6.8	0.1240	7.0	0.0186	1.4	0.20	118.6	1.6	118.7	7.8	121.5	161.2	118.6	1.6
MAM13-LH157-16	132	19389	1.9	20.2554	22.8	0.1274	23.3	0.0187	4.9	0.21	119.5	5.8	121.7	26.7	165.4	538.4	119.5	5.8

MAM13-LH157-108	215	70172	1.2	21.3954	15.2	0.1207	15.5	0.0187	2.9	0.19	119.6	3.4	115.7	17.0	35.9	366.6	119.6	3.4
MAM14-LH157-1	55	9282	1.4	29.1099	68.9	0.0912	69.4	0.0193	8.1	0.12	123.0	9.9	88.6	58.9	-760.9	2184.0	123.0	9.9
MAM13-LH157-54	225	17906	0.8	22.7308	9.2	0.1177	9.7	0.0194	3.0	0.30	123.9	3.6	113.0	10.4	-111.0	228.0	123.9	3.6
MAM13-LH157-87	100	8353	1.2	17.8053	17.0	0.1504	17.6	0.0194	4.7	0.27	124.0	5.7	142.3	23.4	458.8	379.1	124.0	5.7
MAM13-LH157-60	353	28449	1.6	20.3246	6.9	0.1341	7.0	0.0198	1.3	0.18	126.2	1.6	127.8	8.4	157.4	161.5	126.2	1.6
MAM13-LH157-69	235	36630	0.5	21.4881	10.6	0.1275	10.8	0.0199	1.9	0.17	126.9	2.3	121.9	12.4	25.6	255.1	126.9	2.3
MAM13-LH157-22	77	3239	1.2	27.1526	29.3	0.1021	29.6	0.0201	4.2	0.14	128.3	5.3	98.7	27.8	-569.0	805.0	128.3	5.3
MAM13-LH157-55	226	12847	2.6	21.7785	8.7	0.1289	9.2	0.0204	3.0	0.33	129.9	3.9	123.1	10.7	-6.7	210.2	129.9	3.9
MAM13-LH157-80	82	21451	1.4	19.8379	21.7	0.1430	22.8	0.0206	6.8	0.30	131.3	8.8	135.7	28.9	213.9	508.7	131.3	8.8
MAM13-LH157-76	738	109293	1.0	20.2499	3.7	0.1486	4.0	0.0218	1.6	0.40	139.1	2.2	140.6	5.3	166.0	86.1	139.1	2.2
MAM13-LH157-29	160	17261	2.7	20.6877	12.9	0.1531	13.1	0.0230	1.8	0.14	146.4	2.6	144.7	17.6	115.9	306.5	146.4	2.6
MAM13-LH157-20	320	41528	1.8	20.3958	8.7	0.1569	8.9	0.0232	1.9	0.21	148.0	2.8	148.0	12.3	149.2	204.8	148.0	2.8
MAM13-LH157-44	814	28859	1.8	20.6305	2.4	0.1631	2.5	0.0244	0.8	0.34	155.5	1.3	153.5	3.6	122.4	55.6	155.5	1.3
MAM13-LH157-86	264	39920	1.0	20.5364	7.5	0.1714	9.3	0.0255	5.5	0.59	162.5	8.9	160.6	13.8	133.1	176.2	162.5	8.9
MAM13-LH157-46	377	16010	1.5	19.8599	6.4	0.1807	6.6	0.0260	1.7	0.25	165.7	2.7	168.7	10.3	211.3	148.4	165.7	2.7
MAM13-LH157-74	1187	231062	2.2	20.2987	1.2	0.1788	1.4	0.0263	0.8	0.54	167.5	1.3	167.0	2.2	160.5	27.7	167.5	1.3
MAM13-LH157-42	91	7147	1.4	20.5164	28.1	0.1823	28.2	0.0271	3.3	0.12	172.5	5.6	170.0	44.3	135.4	670.8	172.5	5.6
MAM13-LH157-73	62	17050	0.3	18.6761	13.4	0.2042	14.9	0.0277	6.5	0.43	175.9	11.2	188.7	25.7	351.9	304.9	175.9	11.2
MAM14-LH157-6	61	11435	0.4	21.6571	26.9	0.1777	27.3	0.0279	4.6	0.17	177.5	8.0	166.1	41.8	6.7	657.7	177.5	8.0
MAM13-LH157-93	135	12882	0.4	19.1890	19.9	0.2011	20.2	0.0280	3.5	0.17	178.0	6.2	186.1	34.3	290.4	458.0	178.0	6.2
MAM13-LH157-53	397	65614	0.5	20.1817	5.0	0.1928	5.1	0.0282	0.9	0.18	179.4	1.6	179.0	8.4	173.9	117.2	179.4	1.6
MAM13-LH157-18	178	22739	1.3	18.5730	7.1	0.2097	7.4	0.0283	2.1	0.28	179.6	3.7	193.3	13.0	364.4	160.0	179.6	3.7
MAM13-LH157-51	327	21642	0.3	20.3368	4.1	0.1917	4.1	0.0283	0.6	0.16	179.7	1.1	178.1	6.7	156.1	95.3	179.7	1.1
MAM13-LH157-45	65	2702	0.5	27.8665	25.7	0.1404	26.2	0.0284	5.0	0.19	180.3	9.0	133.4	32.7	-639.6	713.6	180.3	9.0
MAM14-LH157-7	221	30810	0.5	19.8023	8.0	0.1995	8.3	0.0286	2.0	0.24	182.1	3.6	184.7	14.0	218.1	186.2	182.1	3.6
MAM13-LH157-50	112	11732	0.4	21.2594	18.0	0.1861	18.2	0.0287	2.1	0.12	182.4	3.8	173.3	28.9	51.2	433.4	182.4	3.8
MAM13-LH157-90	70	7205	0.6	21.1583	20.0	0.1874	20.6	0.0288	5.2	0.25	182.8	9.3	174.4	33.0	62.5	479.3	182.8	9.3
MAM13-LH157-94	229	33746	0.7	20.6364	9.9	0.1930	10.0	0.0289	1.4	0.14	183.6	2.6	179.2	16.4	121.7	233.9	183.6	2.6
MAM13-LH157-23	100	7075	0.5	20.2659	12.8	0.1966	13.4	0.0289	3.9	0.29	183.6	7.1	182.2	22.4	164.2	301.1	183.6	7.1
MAM13-LH157-11	93	9555	0.7	13.9150	33.1	0.2868	33.8	0.0289	6.5	0.19	183.9	11.8	256.0	76.6	982.1	693.4	183.9	11.8
MAM13-LH157-97	200	24406	0.5	20.8863	7.0	0.1914	7.8	0.0290	3.5	0.44	184.2	6.3	177.8	12.8	93.2	166.5	184.2	6.3
MAM13-LH157-96	352	37884	0.7	19.8253	4.1	0.2021	4.8	0.0291	2.6	0.54	184.7	4.7	186.9	8.2	215.3	94.4	184.7	4.7
MAM13-LH157-100	191	18613	0.4	19.7672	13.9	0.2034	13.9	0.0292	1.2	0.09	185.3	2.2	188.0	23.9	222.2	322.7	185.3	2.2
MAM13-LH157-89	129	18667	0.9	20.5837	11.4	0.1972	11.8	0.0294	3.2	0.27	187.0	5.8	182.7	19.8	127.7	269.0	187.0	5.8
MAM13-LH157-36	62	22023	0.7	19.6287	55.8	0.2076	56.0	0.0296	3.7	0.07	187.8	6.8	191.5	98.0	238.4	1393.9	187.8	6.8
MAM13-LH157-83	231	70096	0.6	19.7261	5.3	0.2070	5.5	0.0296	1.6	0.29	188.1	3.0	191.0	9.6	226.9	121.9	188.1	3.0
MAM13-LH157-40	81	13765	0.4	20.1481	22.1	0.2028	22.5	0.0296	4.4	0.19	188.3	8.1	187.5	38.6	177.8	520.9	188.3	8.1
MAM13-LH157-62	177	33269	0.3	19.6221	4.3	0.2107	4.7	0.0300	2.0	0.42	190.4	3.7	194.1	8.3	239.1	98.4	190.4	3.7
MAM13-LH157-106	277	356881	0.8	20.4077	7.1	0.2028	7.2	0.0300	0.9	0.13	190.6	1.7	187.5	12.3	147.9	167.6	190.6	1.7
MAM13-LH157-12	421	88103	0.8	19.7581	2.3	0.2153	3.3	0.0309	2.3	0.71	195.9	4.5	198.0	5.9	223.2	53.1	195.9	4.5
MAM13-LH157-10	209	35960	3.6	20.0640	4.2	0.2162	6.0	0.0315	4.2	0.71	199.7	8.3	198.8	10.8	187.5	97.5	199.7	8.3
MAM13-LH157-75	98	16942	1.1	20.9128	12.9	0.2102	13.7	0.0319	4.8	0.35	202.3	9.5	193.7	24.2	90.3	306.1	202.3	9.5
MAM13-LH157-95	483	71340	0.8	19.4816	2.2	0.2642	2.7	0.0373	1.6	0.58	236.3	3.6	238.1	5.8	255.7	51.0	236.3	3.6
MAM13-LH157-56	201	6167	0.7	19.9105	5.2	0.2634	5.4	0.0380	1.3	0.25	240.6	3.1	237.4	11.3	205.4	120.6	240.6	3.1
MAM13-LH157-21	118	24375	1.1	18.7233	8.4	0.3631	8.7	0.0493	2.1	0.25	310.3	6.5	314.5	23.5	346.2	190.7	310.3	6.5
MAM13-LH157-15	109	29454	1.3	20.0104	7.3	0.4029	7.6	0.0585	1.8	0.24	366.3	6.5	343.8	22.1	193.8	171.0	366.3	6.5
MAM14-LH157-4	177	43210	1.6	18.7362	3.8	0.4540	4.1	0.0617	1.6	0.39	385.9	5.9	380.1	12.9	344.7	84.9	385.9	5.9
MAM13-LH157-101	176	32286	1.7	18.8017	3.9	0.4526	4.2	0.0617	1.5	0.36	386.0	5.7	379.1	13.4	336.8	89.5	386.0	5.7
MAM13-LH157-49	356	51021	2.1	17.7871	1.4	0.5698	2.5	0.0735	2.1	0.83	457.2	9.1	457.9	9.2	461.1	30.5	457.2	9.1
MAM13-LH157-37	341	159187	1.2	17.0074	1.4	0.6689	2.2	0.0825	1.7	0.76	511.1	8.2	520.0	8.9	559.6	30.7	511.1	8.2

MAM13-LH157-35	147	73617	1.8	16.9804	4.1	0.6710	4.3	0.0826	1.1	0.26	511.8	5.6	521.3	17.5	563.1	90.3	511.8	5.6
MAM13-LH157-81	410	294486	1.1	17.3102	1.5	0.6676	1.6	0.0838	0.8	0.46	518.8	3.8	519.2	6.7	521.0	32.0	518.8	3.8
MAM13-LH157-91	27	8029	2.2	18.7993	8.8	0.6757	12.2	0.0921	8.4	0.69	568.1	45.9	524.2	49.9	337.0	199.0	568.1	45.9
MAM13-LH157-68	414	260320	10.2	16.6605	0.9	0.7861	1.0	0.0950	0.5	0.45	585.0	2.6	589.0	4.7	604.4	20.1	585.0	2.6
MAM13-LH157-32	622	454397	1.1	13.8106	0.5	1.4105	1.6	0.1413	1.6	0.96	851.9	12.4	893.4	9.6	997.4	9.7	997.4	9.7
MAM14-LH157-2	202	206749	2.0	13.6015	1.3	1.7100	2.0	0.1687	1.5	0.74	1004.9	13.5	1012.3	12.6	1028.3	26.9	1028.3	26.9
MAM13-LH157-25	284	86969	1.4	13.0796	0.8	1.6431	3.1	0.1559	3.0	0.96	933.8	25.9	986.9	19.5	1107.0	16.5	1107.0	16.5
MAM13-LH157-105	97	308070	1.8	7.6040	0.5	7.3344	1.8	0.4045	1.7	0.96	2189.7	31.9	2153.0	16.0	2118.2	9.0	2118.2	9.0

MAM14-RG164-80	66	2071	1.2	26.6835	36.8	0.0745	37.7	0.0144	8.1	0.22	92.3	7.4	73.0	26.6	-522.2	1013.9	92.3	7.4
MAM14-RG164-41	181	11649	0.9	21.2580	11.5	0.0941	13.2	0.0145	6.5	0.49	92.8	6.0	91.3	11.5	51.3	276.2	92.8	6.0
MAM14-RG164-56	1302	34225	1.3	21.0312	2.3	0.0999	3.0	0.0152	1.9	0.64	97.5	1.9	96.7	2.8	76.8	55.7	97.5	1.9
MAM14-RG164-92	141	710	1.0	12.4460	41.5	0.1794	41.7	0.0162	4.1	0.10	103.6	4.2	167.6	64.4	1205.5	854.6	103.6	4.2
MAM14-RG164-67	585	16316	0.7	20.8574	6.4	0.1087	6.5	0.0164	1.3	0.20	105.1	1.4	104.8	6.5	96.5	151.8	105.1	1.4
MAM14-RG164-25	363	11866	0.7	21.3662	10.8	0.1093	11.2	0.0169	2.6	0.24	108.2	2.8	105.3	11.2	39.2	259.8	108.2	2.8
MAM14-RG164-7	86	1728	0.7	19.2902	22.7	0.1228	24.1	0.0172	8.1	0.34	109.8	8.9	117.6	26.8	278.4	525.9	109.8	8.9
MAM14-RG164-6	83	1892	1.3	26.4148	36.6	0.0906	37.8	0.0174	9.3	0.25	111.0	10.2	88.1	31.9	-495.2	1001.7	111.0	10.2
MAM14-RG164-83	292	17628	1.8	23.1326	6.6	0.1049	7.1	0.0176	2.7	0.38	112.5	3.0	101.3	6.9	-154.4	164.5	112.5	3.0
MAM14-RG164-95	507	45997	3.5	20.7288	3.8	0.1177	4.0	0.0177	1.2	0.30	113.0	1.4	113.0	4.3	111.1	90.7	113.0	1.4
MAM14-RG164-109	128	4241	1.0	17.1276	14.4	0.1453	15.3	0.0181	5.2	0.34	115.3	6.0	137.8	19.7	544.3	315.5	115.3	6.0
MAM14-RG164-112	750	15731	1.8	20.8488	3.5	0.1216	3.9	0.0184	1.6	0.42	117.5	1.9	116.6	4.3	97.5	82.9	117.5	1.9
MAM14-RG164-57	224	12054	1.1	22.1751	22.7	0.1156	22.9	0.0186	3.4	0.15	118.7	4.0	111.0	24.1	-50.5	557.6	118.7	4.0
MAM14-RG164-42	279	23498	1.0	21.8850	6.8	0.1370	7.9	0.0217	4.0	0.50	138.7	5.4	130.4	9.7	-18.5	165.8	138.7	5.4
MAM14-RG164-22	331	24331	1.1	20.4067	2.8	0.1670	3.9	0.0247	2.7	0.70	157.4	4.2	156.8	5.6	148.0	64.9	157.4	4.2
MAM14-RG164-76	193	13775	1.8	20.4622	4.5	0.1729	5.4	0.0257	3.0	0.56	163.3	4.9	161.9	8.1	141.7	105.9	163.3	4.9
MAM14-RG164-20	138	12806	2.1	19.7652	9.9	0.1791	11.0	0.0257	4.8	0.43	163.4	7.7	167.3	16.9	222.4	228.9	163.4	7.7
MAM14-RG164-99	401	6819	1.0	20.4002	4.9	0.1776	5.2	0.0263	1.9	0.37	167.2	3.2	166.0	8.0	148.7	114.4	167.2	3.2
MAM14-RG164-5	203	10755	1.3	19.8872	5.9	0.1840	7.1	0.0265	3.9	0.55	168.8	6.5	171.5	11.2	208.1	137.7	168.8	6.5
MAM14-RG164-23	207	7784	1.4	18.5383	6.0	0.2034	8.5	0.0273	6.0	0.71	173.9	10.4	188.0	14.6	368.6	135.5	173.9	10.4
MAM14-RG164-12	53	527	0.8	17.7092	24.7	0.2131	25.5	0.0274	6.4	0.25	174.1	11.1	196.2	45.5	470.8	553.3	174.1	11.1
MAM14-RG164-16	46	1877	1.5	24.1272	31.4	0.1587	32.0	0.0278	6.1	0.19	176.6	10.6	149.6	44.6	-260.0	814.1	176.6	10.6
MAM14-RG164-110	53	5784	0.6	19.6960	34.6	0.1951	35.0	0.0279	5.2	0.15	177.2	9.0	181.0	58.1	230.5	822.0	177.2	9.0
MAM14-RG164-51	63	4818	0.7	23.1061	22.6	0.1672	23.0	0.0280	4.7	0.21	178.1	8.3	157.0	33.5	-151.5	565.9	178.1	8.3
MAM14-RG164-17	36	2177	0.6	21.3253	28.0	0.1817	28.8	0.0281	6.5	0.23	178.6	11.5	169.5	45.0	43.8	681.8	178.6	11.5
MAM14-RG164-89	30	733	0.3	53.2561	89.5	0.0728	89.9	0.0281	8.3	0.09	178.9	14.6	71.4	62.0	-2922.8	1320.8	178.9	14.6
MAM14-RG164-13	63	6354	0.6	24.1190	12.0	0.1610	13.0	0.0282	4.9	0.38	179.1	8.6	151.6	18.3	-259.1	305.9	179.1	8.6
MAM14-RG164-115	118	17530	0.4	19.9724	7.0	0.1948	7.3	0.0282	1.9	0.27	179.3	3.4	180.7	12.0	198.2	162.9	179.3	3.4
MAM14-RG164-9	160	1069	0.8	19.0253	7.3	0.2061	7.5	0.0284	1.8	0.24	180.8	3.2	190.3	13.0	309.9	165.8	180.8	3.2
MAM14-RG164-78	150	4776	0.6	20.8859	13.4	0.1889	13.5	0.0286	1.8	0.14	181.8	3.3	175.7	21.8	93.3	317.7	181.8	3.3
MAM14-RG164-100	59	2935	0.4	23.3739	25.3	0.1690	25.5	0.0286	3.6	0.14	182.1	6.4	158.5	37.5	-180.2	639.9	182.1	6.4
MAM14-RG164-36	198	19521	1.2	20.7528	10.5	0.1905	10.9	0.0287	2.9	0.27	182.2	5.3	177.0	17.7	108.4	248.7	182.2	5.3
MAM14-RG164-61	277	9089	7.0	20.0739	3.9	0.1970	4.6	0.0287	2.5	0.53	182.3	4.5	182.6	7.7	186.4	91.3	182.3	4.5
MAM14-RG164-81	29	2085	0.7	22.8719	28.0	0.1730	29.5	0.0287	9.4	0.32	182.4	16.9	162.0	44.3	-126.3	703.4	182.4	16.9
MAM14-RG164-82	137	19527	0.4	22.7156	10.2	0.1743	10.5	0.0287	2.7	0.25	182.5	4.8	163.1	15.8	-109.4	250.7	182.5	4.8
MAM14-RG164-1	60	4577	0.9	20.0384	23.9	0.1977	24.5	0.0287	5.3	0.22	182.6	9.6	183.2	41.1	190.6	563.3	182.6	9.6
MAM14-RG164-8	123	7998	0.5	20.8466	17.2	0.1904	17.6	0.0288	3.7	0.21	182.9	6.7	177.0	28.5	97.8	409.0	182.9	6.7
MAM14-RG164-70	105	7649	1.0	20.7535	13.3	0.1916	13.6	0.0288	2.8	0.21	183.3	5.1	178.0	22.2	108.3	316.0	183.3	5.1
MAM14-RG164-86	83	5564	0.8	22.1074	15.6	0.1801	15.9	0.0289	3.0	0.19	183.5	5.5	168.1	24.6	-43.0	380.2	183.5	5.5
MAM14-RG164-38	140	8562	0.8	20.8830	10.0	0.1907	10.2	0.0289	2.1	0.21	183.6	3.8	177.2	16.7	93.7	237.8	183.6	3.8
MAM14-RG164-104	173	33828	1.5	21.9545	11.2	0.1817	12.0	0.0289	4.4	0.37	183.9	8.1	169.6	18.8	-26.2	271.1	183.9	8.1

MAM14-RG164-33	69	4139	0.8	22.3128	23.2	0.1792	23.4	0.0290	3.0	0.13	184.3	5.5	167.3	36.1	-65.6	572.2	184.3	5.5
MAM14-RG164-102	382	27360	0.6	19.9186	2.6	0.2010	3.5	0.0290	2.4	0.68	184.5	4.3	186.0	6.0	204.5	60.1	184.5	4.3
MAM14-RG164-18	54	5292	0.5	19.1812	27.6	0.2102	28.4	0.0292	6.9	0.24	185.8	12.7	193.7	50.2	291.3	640.6	185.8	12.7
MAM14-RG164-87	117	8870	0.8	19.3145	9.5	0.2097	10.1	0.0294	3.6	0.35	186.6	6.6	193.3	17.9	275.4	218.0	186.6	6.6
MAM14-RG164-63	355	18673	0.5	19.9967	4.5	0.2031	6.4	0.0295	4.6	0.72	187.1	8.6	187.7	11.1	195.4	104.1	187.1	8.6
MAM14-RG164-48	137	15895	0.3	22.2380	10.8	0.1846	11.2	0.0298	3.2	0.29	189.1	6.0	172.0	17.8	-57.4	263.0	189.1	6.0
MAM14-RG164-47	58	2368	0.7	24.7055	26.6	0.1662	27.0	0.0298	4.7	0.17	189.2	8.8	156.1	39.1	-320.4	692.9	189.2	8.8
MAM14-RG164-91	180	9927	0.8	20.8561	13.6	0.1975	13.7	0.0299	2.0	0.14	189.8	3.7	183.0	23.0	96.7	322.4	189.8	3.7
MAM14-RG164-72	48	5218	0.4	25.5753	40.6	0.1612	40.8	0.0299	4.0	0.10	189.9	7.5	151.8	57.6	-410.0	1100.0	189.9	7.5
MAM14-RG164-15	106	12817	0.8	21.1148	17.9	0.1960	18.2	0.0300	3.0	0.17	190.6	5.7	181.7	30.2	67.5	428.9	190.6	5.7
MAM14-RG164-111	254	37188	0.3	20.7152	5.4	0.2020	5.9	0.0303	2.4	0.41	192.7	4.5	186.8	10.0	112.7	127.0	192.7	4.5
MAM14-RG164-10	129	11669	0.4	23.8572	11.5	0.1772	11.7	0.0307	2.3	0.19	194.7	4.4	165.7	17.9	-231.6	291.0	194.7	4.4
MAM14-RG164-74	247	55640	0.6	19.8239	7.1	0.2149	7.4	0.0309	2.3	0.32	196.1	4.5	197.6	13.4	215.5	163.8	196.1	4.5
MAM14-RG164-37	135	5939	0.7	21.1901	8.8	0.2035	9.2	0.0313	2.6	0.29	198.5	5.1	188.1	15.8	59.0	210.8	198.5	5.1
MAM14-RG164-114	191	13143	0.6	20.4256	6.7	0.2129	7.1	0.0315	2.6	0.36	200.1	5.1	196.0	12.7	145.9	156.4	200.1	5.1
MAM14-RG164-24	105	14886	0.6	18.8270	7.3	0.2757	7.7	0.0376	2.5	0.32	238.2	5.8	247.2	16.9	333.7	165.0	238.2	5.8
MAM14-RG164-27	267	8218	1.0	17.7850	4.8	0.2935	8.0	0.0379	6.5	0.80	239.5	15.2	261.3	18.5	461.3	106.0	239.5	15.2
MAM14-RG164-26	368	7942	0.7	18.5869	4.5	0.2810	5.2	0.0379	2.6	0.50	239.7	6.2	251.5	11.6	362.7	101.2	239.7	6.2
MAM14-RG164-52	204	44064	1.1	19.5687	3.6	0.2858	4.3	0.0406	2.3	0.54	256.3	5.8	255.2	9.8	245.4	84.1	256.3	5.8
MAM14-RG164-50	79	6960	0.9	18.6596	12.0	0.3054	12.3	0.0413	2.7	0.22	261.0	6.9	270.6	29.3	353.9	272.4	261.0	6.9
MAM14-RG164-45	392	58517	0.8	19.1417	3.2	0.3054	3.5	0.0424	1.3	0.39	267.7	3.5	270.6	8.3	296.0	73.1	267.7	3.5
MAM14-RG164-55	63	4934	0.9	20.0349	15.0	0.3314	15.1	0.0482	2.1	0.14	303.2	6.2	290.6	38.2	191.0	349.7	303.2	6.2
MAM14-RG164-32	77	10209	1.6	20.5590	12.9	0.3276	13.2	0.0488	2.4	0.18	307.4	7.1	287.7	33.0	130.5	305.5	307.4	7.1
MAM14-RG164-101	77	14058	1.1	18.1018	13.4	0.4433	13.5	0.0582	2.2	0.16	364.6	7.8	372.6	42.2	422.1	299.3	364.6	7.8
MAM14-RG164-71	246	105125	2.3	18.4991	1.9	0.4350	3.4	0.0584	2.9	0.84	365.7	10.2	366.7	10.6	373.4	42.4	365.7	10.2
MAM14-RG164-66	223	41713	7.0	18.9093	3.4	0.4337	3.9	0.0595	1.9	0.48	372.5	6.8	365.8	11.9	323.8	77.2	372.5	6.8
MAM14-RG164-14	592	29238	8.0	17.0261	10.7	0.5315	11.5	0.0656	4.2	0.36	409.8	16.6	432.8	40.4	557.2	233.6	409.8	16.6
MAM14-RG164-30	110	16967	1.7	18.9369	5.2	0.4917	6.0	0.0675	3.0	0.50	421.3	12.4	406.1	20.2	320.5	118.5	421.3	12.4
MAM14-RG164-94	122	23541	1.7	16.9218	4.4	0.5810	6.9	0.0713	5.3	0.77	444.0	22.7	465.1	25.7	570.6	96.6	444.0	22.7
MAM14-RG164-21	51	3186	0.9	16.0400	20.7	0.6306	21.1	0.0734	4.0	0.19	456.4	17.8	496.5	83.0	685.9	446.4	456.4	17.8
MAM14-RG164-97	153	24646	3.2	17.6570	2.7	0.6132	3.9	0.0785	2.8	0.73	487.3	13.3	485.6	15.0	477.3	58.6	487.3	13.3
MAM14-RG164-107	103	13243	1.6	17.3485	6.0	0.6242	6.4	0.0785	2.3	0.36	487.4	10.9	492.5	25.1	516.2	132.0	487.4	10.9
MAM14-RG164-35	89	15167	0.9	16.5581	5.9	0.6621	6.2	0.0795	1.8	0.30	493.2	8.6	515.9	24.9	617.7	127.2	493.2	8.6
MAM14-RG164-88	120	45355	0.9	17.4876	3.4	0.6385	4.1	0.0810	2.3	0.56	502.0	11.1	501.4	16.1	498.6	74.0	502.0	11.1
MAM14-RG164-59	179	24156	1.0	17.5457	2.7	0.6600	3.8	0.0840	2.7	0.70	519.8	13.4	514.6	15.4	491.3	60.1	519.8	13.4
MAM14-RG164-85	147	75692	1.6	17.7291	2.9	0.6542	3.0	0.0841	0.9	0.29	520.7	4.4	511.1	12.1	468.3	64.0	520.7	4.4
MAM14-RG164-19	291	57263	1.1	17.2175	1.3	0.6737	1.9	0.0841	1.4	0.71	520.7	6.8	523.0	7.8	532.8	29.5	520.7	6.8
MAM14-RG164-40	192	9871	1.3	14.7267	16.2	0.7985	17.2	0.0853	5.8	0.34	527.6	29.2	596.0	77.6	865.6	337.7	527.6	29.2
MAM14-RG164-90	117	42000	1.9	17.2686	3.5	0.6926	5.9	0.0867	4.7	0.80	536.2	24.1	534.4	24.4	526.3	77.6	536.2	24.1
MAM14-RG164-44	401	33034	2.6	17.0092	1.0	0.7045	2.3	0.0869	2.0	0.90	537.2	10.5	541.5	9.5	559.4	21.9	537.2	10.5
MAM14-RG164-4	81	64918	1.6	17.2903	5.7	0.7048	5.9	0.0884	1.8	0.30	546.0	9.3	541.7	24.9	523.5	124.0	546.0	9.3
MAM14-RG164-34	298	41445	3.7	17.0704	1.9	0.7218	3.5	0.0894	2.9	0.84	551.8	15.5	551.7	14.8	551.5	41.0	551.8	15.5
MAM14-RG164-65	363	54089	2.0	15.4079	1.0	0.8156	4.1	0.0911	4.0	0.97	562.3	21.3	605.6	18.5	771.1	20.2	562.3	21.3
MAM14-RG164-28	402	10371	2.4	16.7489	1.6	0.7504	2.0	0.0912	1.3	0.63	562.4	6.8	568.5	8.8	592.9	34.0	562.4	6.8
MAM14-RG164-64	185	7861	2.0	16.2732	2.6	0.8270	2.7	0.0976	0.8	0.28	600.4	4.3	612.0	12.2	655.0	54.9	600.4	4.3
MAM14-RG164-98	524	35505	3.0	16.4429	0.5	0.8307	4.1	0.0991	4.1	0.99	608.9	23.7	614.0	19.0	632.8	11.0	608.9	23.7
MAM14-RG164-84	878	29335	3.0	16.4370	0.5	0.8677	1.5	0.1034	1.4	0.94	634.5	8.6	634.3	7.2	633.5	10.9	634.5	8.6
MAM14-RG164-31	217	11558	1.6	16.0074	2.6	0.8910	3.4	0.1034	2.3	0.66	634.6	13.7	646.9	16.4	690.3	54.7	634.6	13.7
MAM14-RG164-46	127	40643	1.6	15.8306	3.1	0.9193	3.2	0.1056	1.1	0.34	646.9	6.8	662.0	15.8	713.9	64.9	646.9	6.8
MAM14-RG164-11	68	33226	0.7	15.9124	2.2	0.9240	2.7	0.1066	1.5	0.56	653.2	9.4	664.5	13.2	703.0	47.6	653.2	9.4

MAM14-RG164-105	238	12825	1.8	15.7557	1.9	0.9767	6.1	0.1116	5.8	0.95	682.1	37.7	691.9	30.7	724.0	39.4	682.1	37.7
MAM14-RG164-62	117	15789	3.2	16.2179	2.7	0.9509	3.5	0.1118	2.2	0.63	683.4	14.4	678.6	17.4	662.3	58.2	683.4	14.4
MAM14-RG164-96	237	66155	1.9	15.1576	0.8	1.2434	2.1	0.1367	2.0	0.92	825.9	15.3	820.4	12.0	805.5	17.2	825.9	15.3
MAM14-RG164-106	237	123822	2.1	14.0490	0.8	1.5790	4.9	0.1609	4.9	0.99	961.7	43.4	962.0	30.6	962.6	15.6	962.6	15.6
MAM14-RG164-60	365	91555	0.8	13.8169	1.0	1.6292	1.3	0.1633	0.9	0.66	974.9	7.9	981.5	8.3	996.5	20.0	996.5	20.0
MAM14-RG164-77	81	12623	1.5	13.8021	2.9	1.5693	3.2	0.1571	1.3	0.42	940.6	11.8	958.2	20.0	998.7	59.7	998.7	59.7
MAM14-RG164-69	365	395008	2.7	13.5314	0.7	1.7595	1.4	0.1727	1.2	0.87	1026.8	11.5	1030.7	9.0	1038.8	14.2	1038.8	14.2
MAM14-RG164-3	335	11515	4.2	13.4927	0.8	1.7652	2.0	0.1727	1.8	0.92	1027.2	17.2	1032.8	12.8	1044.6	15.7	1044.6	15.7
MAM14-RG164-39	89	81148	2.0	13.4228	2.4	1.8614	3.4	0.1812	2.4	0.71	1073.6	24.0	1067.5	22.7	1055.1	48.9	1055.1	48.9
MAM14-RG164-2	117	68262	0.2	8.6019	0.9	4.7173	4.0	0.2943	3.9	0.98	1663.0	57.6	1770.3	33.7	1899.4	15.8	1899.4	15.8
MAM14-RG164-43	147	100498	1.6	7.9964	0.3	6.3653	1.9	0.3692	1.9	0.99	2025.4	33.0	2027.5	16.8	2029.6	4.5	2029.6	4.5

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CH05-55	398	4584	0.6	19.9185	11.1	0.1010	11.4	0.0146	2.7	0.24	93.4	2.5	97.7	10.6	204.5	257.2	93.4	2.5
CH05-85	346	314	1.1	16.3408	26.6	0.1232	26.7	0.0146	2.1	0.08	93.4	1.9	118.0	29.7	646.2	581.2	93.4	1.9
CH-19-2	315	9525	1.0	21.0010	14.3	0.0962	14.7	0.0146	3.1	0.21	93.7	2.9	93.2	13.1	80.2	341.7	93.7	2.9
CH05-71	225	10809	1.7	22.4956	25.5	0.0911	25.9	0.0149	4.2	0.16	95.1	4.0	88.5	21.9	-85.5	634.3	95.1	4.0
CH05-34	223	1184	0.9	19.3051	24.1	0.1069	24.3	0.0150	2.9	0.12	95.7	2.7	103.1	23.8	276.6	559.8	95.7	2.7
CH-19-11	852	3678	0.7	20.3819	7.6	0.1032	7.9	0.0153	2.1	0.26	97.6	2.0	99.7	7.5	150.9	177.9	97.6	2.0
CH-19-1	198	5552	1.1	19.6818	31.3	0.1083	31.8	0.0155	5.5	0.17	98.9	5.4	104.4	31.5	232.1	738.3	98.9	5.4
CH05-97	111	3489	1.6	20.2213	24.9	0.1068	25.4	0.0157	4.6	0.18	100.2	4.5	103.0	24.9	169.3	590.6	100.2	4.5
CH-19-9	185	2932	0.8	21.7044	36.9	0.1035	37.1	0.0163	4.4	0.12	104.2	4.6	100.0	35.4	1.5	915.9	104.2	4.6
CH05-56	939	15537	1.4	20.3802	6.0	0.1132	6.1	0.0167	1.5	0.24	107.0	1.6	108.9	6.3	151.1	140.0	107.0	1.6
CH05-8	128	6284	1.1	19.8643	27.3	0.1163	28.5	0.0168	8.2	0.29	107.1	8.8	111.7	30.1	210.8	642.2	107.1	8.8
CH05-37	156	736	0.9	19.1922	24.3	0.1258	24.8	0.0175	5.1	0.21	111.9	5.7	120.3	28.1	290.0	561.5	111.9	5.7
CH-19-8	125	5550	0.5	24.0124	52.7	0.1023	53.3	0.0178	7.9	0.15	113.9	8.9	98.9	50.3	-247.9	1422.3	113.9	8.9
CH-19-6	135	5086	1.2	21.4903	27.9	0.1154	28.8	0.0180	7.4	0.26	114.9	8.4	110.9	30.3	25.3	680.2	114.9	8.4
CH05-14	394	14431	1.2	22.2150	10.3	0.1138	10.5	0.0183	2.0	0.19	117.1	2.4	109.4	10.8	-54.8	250.2	117.1	2.4
CH05-50	440	22716	1.3	19.1348	8.9	0.1325	9.2	0.0184	2.4	0.26	117.4	2.8	126.3	11.0	296.9	203.6	117.4	2.8
CH05-61	221	8337	1.5	18.8643	13.4	0.1347	14.2	0.0184	4.6	0.32	117.8	5.3	128.3	17.1	329.2	305.6	117.8	5.3
CH05-63	380	5552	1.2	19.5816	11.1	0.1311	11.3	0.0186	2.3	0.21	118.9	2.7	125.1	13.3	243.9	255.4	118.9	2.7
CH05-46	200	1389	1.2	16.4592	13.7	0.1565	14.7	0.0187	5.3	0.36	119.3	6.3	147.6	20.2	630.6	295.8	119.3	6.3
CH05-27	254	12915	1.0	19.6029	15.3	0.1323	15.5	0.0188	2.7	0.18	120.1	3.2	126.2	18.4	241.4	354.6	120.1	3.2
CH05-52	339	17412	0.8	21.8727	11.2	0.1193	11.6	0.0189	2.8	0.24	120.8	3.3	114.4	12.5	-17.1	272.2	120.8	3.3
CH05-25	741	14690	1.9	20.1409	8.2	0.1301	17.2	0.0190	15.1	0.88	121.3	18.2	124.2	20.1	178.6	190.8	121.3	18.2
CH-19-12	131	6373	1.0	20.8869	32.7	0.1307	33.7	0.0198	7.8	0.23	126.4	9.8	124.7	39.5	93.2	794.2	126.4	9.8
CH05-72	328	21748	1.7	20.9663	11.3	0.1460	11.5	0.0222	2.1	0.19	141.5	3.0	138.4	14.9	84.2	268.7	141.5	3.0
CH05-49	404	17574	2.8	21.0634	6.9	0.1472	7.1	0.0225	1.6	0.22	143.4	2.2	139.5	9.2	73.2	164.5	143.4	2.2
CH05-30	505	21130	1.0	20.4832	5.1	0.1518	8.6	0.0226	6.9	0.80	143.8	9.8	143.5	11.5	139.2	120.5	143.8	9.8
CH05-22	893	10941	2.3	19.2483	10.4	0.1665	18.6	0.0232	15.4	0.83	148.1	22.6	156.3	27.0	283.4	238.6	148.1	22.6
CH05-90	86	2264	0.6	30.2288	43.2	0.1060	43.4	0.0232	5.0	0.12	148.1	7.4	102.3	42.3	-868.2	1291.9	148.1	7.4
CH05-1	421	5701	1.5	19.4869	8.4	0.1710	9.1	0.0242	3.4	0.37	154.0	5.2	160.3	13.5	255.1	194.3	154.0	5.2
CH05-68	318	3346	1.7	18.5811	6.3	0.2089	6.5	0.0282	1.8	0.28	179.0	3.2	192.6	11.4	363.4	141.3	179.0	3.2
CH05-21	318	15883	2.0	19.0857	8.6	0.2231	16.3	0.0309	13.8	0.85	196.1	26.6	204.5	30.2	302.7	197.4	196.1	26.6
CH-19-3	1412	10061	1.3	19.5508	1.6	0.2389	3.7	0.0339	3.3	0.91	214.8	7.1	217.6	7.2	247.5	36.1	214.8	7.1
CH-19-4	895	56372	0.9	20.2330	1.3	0.2457	2.1	0.0361	1.6	0.79	228.4	3.7	223.1	4.1	168.0	29.4	228.4	3.7
CH05-74	655	26661	0.4	19.6064	2.1	0.2675	2.2	0.0380	0.8	0.35	240.6	1.8	240.7	4.8	241.0	48.2	240.6	1.8
CH05-67	187	8137	0.9	20.8278	13.5	0.2621	13.9	0.0396	3.3	0.24	250.3	8.0	236.3	29.2	99.9	319.9	250.3	8.0
CH05-59	768	58049	0.5	19.3752	2.4	0.2966	2.8	0.0417	1.5	0.53	263.2	3.8	263.7	6.5	268.3	54.8	263.2	3.8
CH05-65	1026	58133	2.5	19.2145	3.8	0.3059	4.2	0.0426	1.9	0.44	269.1	5.0	271.0	10.1	287.4	86.7	269.1	5.0

CH05-43	203	7979	1.0	19.7249	6.9	0.2987	7.3	0.0427	2.5	0.34	269.7	6.6	265.4	17.1	227.1	159.7	269.7	6.6
CH05-87	227	12326	1.4	19.2931	7.0	0.3122	7.3	0.0437	2.0	0.27	275.6	5.3	275.9	17.6	278.0	161.1	275.6	5.3
CH05-36	978	18362	1.7	19.0271	1.9	0.3194	2.5	0.0441	1.7	0.67	278.1	4.6	281.4	6.2	309.7	43.1	278.1	4.6
CH05-96	434	31570	1.1	19.1950	2.9	0.3281	3.2	0.0457	1.4	0.42	287.9	3.8	288.1	8.0	289.7	66.5	287.9	3.8
CH05-57	316	2053	1.2	17.6420	12.0	0.3769	12.3	0.0482	2.9	0.23	303.6	8.5	324.8	34.3	479.2	265.7	303.6	8.5
CH-19-10	109	9681	0.4	19.6558	13.0	0.3418	13.7	0.0487	4.1	0.30	306.7	12.4	298.5	35.4	235.2	301.7	306.7	12.4
CH05-91	710	83278	2.0	18.6583	0.9	0.3843	1.3	0.0520	1.0	0.74	326.8	3.1	330.2	3.7	354.1	20.1	326.8	3.1
CH05-10	255	8774	2.5	17.9812	6.6	0.4031	6.8	0.0526	1.5	0.22	330.3	4.9	343.9	19.9	437.0	147.8	330.3	4.9
CH05-70	361	38318	1.1	18.1655	2.5	0.4400	3.5	0.0580	2.4	0.68	363.3	8.4	370.3	10.8	414.2	56.9	363.3	8.4
CH05-15	705	7299	1.0	17.9706	3.1	0.4497	4.6	0.0586	3.4	0.74	367.2	12.1	377.1	14.4	438.3	68.1	367.2	12.1
CH05-19	343	52851	2.7	18.0153	3.2	0.4631	3.6	0.0605	1.7	0.47	378.7	6.2	386.4	11.6	432.7	71.0	378.7	6.2
CH05-81	254	27110	1.8	18.2988	3.8	0.4848	4.8	0.0643	2.9	0.61	401.9	11.2	401.3	15.8	397.8	84.6	401.9	11.2
CH05-5	632	50033	1.6	17.6210	3.6	0.5421	4.4	0.0693	2.5	0.57	431.8	10.6	439.8	15.9	481.9	80.7	431.8	10.6
CH-19-13	214	30884	2.3	16.9669	2.9	0.5655	5.9	0.0696	5.1	0.87	433.7	21.3	455.1	21.6	564.8	64.2	433.7	21.3
CH05-7	139	2206	0.8	17.0027	7.8	0.5893	9.5	0.0727	5.5	0.58	452.2	24.2	470.4	36.0	560.2	169.9	452.2	24.2
CH05-88	200	41911	1.7	18.1064	4.6	0.5666	4.7	0.0744	1.1	0.23	462.6	4.8	455.8	17.2	421.5	101.7	462.6	4.8
CH05-40	354	45047	1.3	17.9661	1.5	0.5768	2.0	0.0752	1.2	0.62	467.1	5.6	462.4	7.4	438.8	34.5	467.1	5.6
CH05-100	183	46281	1.2	17.4254	5.4	0.5952	5.5	0.0752	1.2	0.22	467.5	5.5	474.2	21.0	506.5	119.1	467.5	5.5
CH05-35	352	7416	1.3	17.6975	1.6	0.6189	4.0	0.0794	3.6	0.91	492.8	17.1	489.2	15.4	472.3	36.4	492.8	17.1
CH05-24	167	40275	0.4	17.6219	5.3	0.6480	5.6	0.0828	2.0	0.35	512.9	9.8	507.2	22.6	481.8	116.9	512.9	9.8
CH05-16	640	7106	1.4	17.1104	1.3	0.6810	4.3	0.0845	4.1	0.96	523.0	20.7	527.4	17.7	546.4	27.7	523.0	20.7
CH05-60	723	103068	8.9	15.5151	1.1	0.7639	2.9	0.0860	2.7	0.92	531.6	13.8	576.3	12.9	756.5	23.7	531.6	13.8
CH05-13	273	24315	3.9	17.4193	2.5	0.6861	2.7	0.0867	0.9	0.35	535.9	4.8	530.4	11.0	507.2	54.6	535.9	4.8
CH05-69	588	49289	3.3	16.1441	0.9	0.7477	1.7	0.0875	1.4	0.86	541.0	7.3	566.9	7.2	672.1	18.3	541.0	7.3
CH05-23	220	23893	1.2	16.8763	3.8	0.7297	5.7	0.0893	4.3	0.75	551.5	22.5	556.4	24.4	576.4	82.6	551.5	22.5
CH-19-7	535	80271	14.3	14.3969	1.1	0.8634	3.4	0.0901	3.2	0.95	556.4	16.9	632.0	15.8	912.4	22.4	556.4	16.9
CH-19-14	231	37034	1.2	17.5086	3.2	0.7107	6.5	0.0903	5.7	0.87	557.0	30.3	545.2	27.5	496.0	70.2	557.0	30.3
CH05-38	942	98440	56.0	16.8969	1.0	0.7395	1.8	0.0906	1.5	0.84	559.2	8.2	562.1	7.9	573.8	21.7	559.2	8.2
CH05-2	524	92698	4.0	16.7424	1.5	0.7885	2.9	0.0957	2.5	0.86	589.4	14.2	590.3	13.1	593.8	32.7	589.4	14.2
CH05-6	330	67348	24.5	16.5135	3.2	0.8405	8.0	0.1007	7.3	0.92	618.3	43.0	619.4	36.9	623.5	68.7	618.3	43.0
CH05-32	792	8769	2.2	14.7272	2.9	0.9560	5.6	0.1021	4.8	0.86	626.8	28.5	681.2	27.7	865.6	59.5	626.8	28.5
CH05-48	223	72344	4.7	16.3030	2.0	0.8650	2.9	0.1023	2.1	0.73	627.7	12.6	632.8	13.6	651.1	42.4	627.7	12.6
CH05-29	726	162645	2.5	16.3408	0.6	0.8917	0.8	0.1057	0.5	0.66	647.6	3.1	647.3	3.7	646.2	12.4	647.6	3.1
CH05-12	181	36542	1.8	16.2685	4.5	0.9352	4.9	0.1103	1.9	0.40	674.8	12.4	670.4	24.0	655.7	96.4	674.8	12.4
CH05-3	941	5653	1.4	14.8421	1.6	1.0422	6.0	0.1122	5.7	0.96	685.5	37.4	725.0	30.9	849.4	33.5	685.5	37.4
CH05-95	178	32622	1.9	15.0721	4.6	1.0610	7.5	0.1160	5.9	0.79	707.4	39.4	734.3	39.1	817.4	96.6	707.4	39.4
CH05-42	165	11317	0.9	15.7704	3.4	1.0335	6.2	0.1182	5.2	0.83	720.3	35.3	720.7	32.1	722.0	73.1	720.3	35.3
CH05-11	342	122883	2.8	15.6344	1.1	1.0650	3.0	0.1208	2.8	0.93	735.0	19.4	736.3	15.6	740.3	22.5	735.0	19.4
CH05-92	63	19600	2.0	15.0461	10.3	1.1608	10.8	0.1267	3.1	0.29	768.8	22.6	782.3	58.7	821.0	215.4	768.8	22.6
CH05-28	601	56947	5.5	15.3222	2.2	1.1629	3.0	0.1292	2.0	0.67	783.4	14.9	783.3	16.4	782.9	46.6	783.4	14.9
CH05-54	933	157877	11.7	15.4251	1.9	1.1841	2.4	0.1325	1.4	0.58	801.9	10.3	793.2	13.1	768.8	41.0	801.9	10.3
CH05-64	166	37753	2.1	14.2667	1.7	1.5704	1.9	0.1625	0.7	0.37	970.6	6.2	958.6	11.6	931.1	35.7	931.1	35.7
CH-19-15	683	116779	2.8	14.0606	0.8	1.4845	3.7	0.1514	3.6	0.97	908.7	30.7	924.1	22.6	960.9	17.2	960.9	17.2
CH05-99	428	58374	2.5	14.0399	0.4	1.5013	1.5	0.1529	1.5	0.96	917.1	12.6	930.9	9.3	963.9	8.2	963.9	8.2
CH05-66	112	57185	2.4	14.0230	3.6	1.6668	4.1	0.1695	1.9	0.47	1009.5	17.7	996.0	25.8	966.3	73.2	966.3	73.2
CH05-86	327	113842	1.6	13.9327	0.8	1.5851	1.9	0.1602	1.7	0.91	957.8	15.4	964.4	11.8	979.5	16.0	979.5	16.0
CH05-53	66	23005	1.9	13.8443	4.3	1.6504	4.5	0.1657	1.3	0.28	988.5	11.8	989.7	28.7	992.5	88.4	992.5	88.4
CH05-45	181	66498	1.3	13.8236	1.6	1.5203	3.9	0.1524	3.6	0.92	914.5	30.7	938.6	24.0	995.5	31.7	995.5	31.7
CH05-9	476	39416	1.2	13.7811	0.6	1.7664	1.9	0.1766	1.7	0.94	1048.1	16.9	1033.2	12.0	1001.8	12.8	1001.8	12.8
CH05-80	439	131931	0.7	13.7632	0.8	1.3663	4.3	0.1364	4.2	0.98	824.2	32.4	874.6	25.0	1004.4	15.6	1004.4	15.6

CH05-26	485	190867	6.4	13.7564	0.8	1.5384	1.9	0.1535	1.7	0.91	920.5	14.6	945.9	11.5	1005.4	15.6	1005.4	15.6
CH05-51	1117	16511	2.1	13.6098	1.2	1.6665	5.6	0.1645	5.5	0.98	981.7	50.4	995.8	35.9	1027.1	23.4	1027.1	23.4
CH05-17	223	64561	2.2	13.4300	1.5	1.9054	9.3	0.1856	9.1	0.99	1097.4	92.2	1083.0	61.7	1054.0	29.8	1054.0	29.8
CH05-62	81	62277	1.9	13.4120	3.2	1.8554	3.4	0.1805	1.2	0.36	1069.6	12.1	1065.3	22.7	1056.7	64.6	1056.7	64.6
CH05-75	169	42064	2.7	13.3934	1.3	1.5539	5.5	0.1509	5.3	0.97	906.3	44.9	952.1	33.8	1059.5	27.1	1059.5	27.1
CH05-31	727	46186	2.2	13.3736	1.5	1.4851	6.6	0.1440	6.4	0.97	867.5	52.3	924.3	40.2	1062.5	31.1	1062.5	31.1
CH05-41	89	41688	2.2	13.3328	2.2	1.8515	3.4	0.1790	2.6	0.77	1061.7	25.7	1064.0	22.4	1068.6	43.5	1068.6	43.5
CH05-98	351	167963	2.0	13.1537	0.6	1.9000	1.0	0.1813	0.8	0.80	1073.9	7.6	1081.1	6.4	1095.7	11.5	1095.7	11.5
CH05-93	224	94747	3.3	13.1429	5.5	1.5558	16.6	0.1483	15.7	0.94	891.4	130.8	952.8	103.2	1097.3	110.2	1097.3	110.2
CH05-47	311	47438	1.6	13.0973	0.7	1.8973	1.1	0.1802	0.9	0.80	1068.2	8.6	1080.1	7.3	1104.3	13.2	1104.3	13.2
CH05-84	86	35009	2.8	13.0402	1.7	1.9819	1.9	0.1874	0.8	0.41	1107.5	8.0	1109.4	12.9	1113.0	34.9	1113.0	34.9
CH05-44	115	208981	1.2	13.0263	1.8	2.0433	2.3	0.1930	1.5	0.64	1137.8	15.5	1130.1	15.8	1115.1	35.5	1115.1	35.5
CH05-78	151	63512	1.3	12.1372	1.3	2.3759	1.8	0.2091	1.3	0.71	1224.2	14.0	1235.4	12.7	1254.8	24.7	1254.8	24.7
CH05-83	204	97339	1.6	12.0930	0.9	2.4038	1.4	0.2108	1.1	0.77	1233.2	12.2	1243.7	10.2	1262.0	17.7	1262.0	17.7
CH05-89	109	25079	0.7	11.6658	2.0	2.5891	2.1	0.2191	0.7	0.33	1276.9	8.3	1297.6	15.6	1331.9	38.9	1331.9	38.9
CH05-82	325	166319	5.6	8.8845	0.5	4.8039	1.4	0.3095	1.4	0.94	1738.5	20.7	1785.6	12.1	1841.1	8.6	1841.1	8.6
CH05-33	805	703167	2.4	6.3048	0.1	9.6853	2.0	0.4429	2.0	1.00	2363.5	39.0	2405.3	18.2	2440.9	1.7	2440.9	1.7
CH05-94	168	111982	2.7	5.8540	0.5	11.4079	1.9	0.4843	1.9	0.97	2546.2	39.3	2557.1	18.1	2565.7	8.5	2565.7	8.5
CH05-18	754	346794	8.7	4.6128	2.8	16.7977	3.0	0.5620	1.1	0.37	2874.7	25.9	2923.4	29.0	2957.0	45.3	2957.0	45.3
CH05-58	618	730122	1.5	4.4275	1.3	12.9020	5.8	0.4143	5.7	0.97	2234.5	107.3	2672.5	55.0	3022.9	21.0	3022.9	21.0

MAM13-MP96-4	975	124651	1.2	19.9794	3.2	0.1032	3.3	0.0150	0.9	0.28	95.7	0.9	99.7	3.2	197.4	74.5	95.7	0.9
MAM13-MP96-78	89	58369	1.0	20.9642	24.6	0.0992	25.1	0.0151	5.0	0.20	96.5	4.8	96.0	23.0	84.4	592.3	96.5	4.8
MAM13-MP96-14	121	112298	1.2	24.3741	20.4	0.0856	20.7	0.0151	3.2	0.15	96.8	3.1	83.4	16.5	-285.9	524.6	96.8	3.1
MAM13-MP96-2	398	313252	1.1	20.1475	9.2	0.1043	9.3	0.0152	1.2	0.13	97.5	1.2	100.8	8.9	177.9	214.7	97.5	1.2
MAM13-MP96-30	448	453124	1.1	20.2138	6.3	0.1040	6.4	0.0152	1.3	0.20	97.5	1.3	100.5	6.1	170.2	146.3	97.5	1.3
MAM13-MP96-26	114	32174	1.0	19.7535	29.4	0.1081	29.5	0.0155	3.2	0.11	99.0	3.2	104.2	29.3	223.7	692.1	99.0	3.2
MAM13-MP96-61	294	180254	1.1	22.8689	10.2	0.0977	10.4	0.0162	2.1	0.20	103.6	2.1	94.6	9.4	-126.0	251.6	103.6	2.1
MAM13-MP96-6	93	79058	1.5	19.5770	16.3	0.1212	17.2	0.0172	5.5	0.32	110.0	6.0	116.2	18.9	244.5	378.3	110.0	6.0
MAM13-MP96-50	147	236666	1.5	22.3957	19.7	0.1075	19.9	0.0175	2.8	0.14	111.6	3.1	103.7	19.6	-74.6	486.4	111.6	3.1
MAM13-MP96-58	262	136982	1.2	21.4246	10.4	0.1127	10.4	0.0175	1.1	0.11	111.9	1.2	108.4	10.7	32.7	248.6	111.9	1.2
MAM13-MP96-10	107	166005	1.4	21.0740	23.7	0.1153	24.0	0.0176	3.5	0.15	112.6	3.9	110.8	25.1	72.0	570.3	112.6	3.9
MAM13-MP96-42	127	44207	1.1	23.7038	23.4	0.1037	23.6	0.0178	3.3	0.14	113.9	3.7	100.2	22.5	-215.3	593.9	113.9	3.7
MAM13-MP96-5	110	73493	1.0	25.8556	22.9	0.0966	23.1	0.0181	2.9	0.13	115.7	3.4	93.6	20.6	-438.6	608.1	115.7	3.4
MAM13-MP96-79	443	437105	1.3	20.4067	11.9	0.1230	12.0	0.0182	1.2	0.10	116.3	1.4	117.8	13.3	148.0	280.3	116.3	1.4
MAM13-MP96-34	206	240302	0.7	21.0156	8.0	0.1196	8.2	0.0182	1.4	0.17	116.4	1.6	114.7	8.9	78.6	191.2	116.4	1.6
MAM13-MP96-94	162	113089	1.4	20.1641	12.8	0.1248	12.9	0.0183	2.1	0.16	116.6	2.4	119.4	14.6	175.9	298.5	116.6	2.4
MAM13-MP96-8	137	50534	1.2	17.9111	12.0	0.1407	12.5	0.0183	3.3	0.27	116.7	3.8	133.7	15.6	445.6	268.4	116.7	3.8
MAM13-MP96-90	130	46072	1.4	18.4696	16.9	0.1389	17.3	0.0186	3.4	0.20	118.8	4.1	132.0	21.4	377.0	382.8	118.8	4.1
MAM13-MP96-40	158	128003	1.5	21.5536	14.2	0.1202	14.5	0.0188	3.0	0.20	120.0	3.5	115.2	15.8	18.3	342.4	120.0	3.5
MAM13-MP96-18	410	368663	1.3	19.8996	3.8	0.1362	4.5	0.0197	2.4	0.53	125.5	3.0	129.7	5.5	206.7	88.5	125.5	3.0
MAM13-MP96-63	203	182602	0.9	20.6743	7.5	0.1313	7.9	0.0197	2.5	0.31	125.7	3.1	125.3	9.3	117.3	177.4	125.7	3.1
MAM13-MP96-24	291	248163	1.2	19.9095	5.2	0.1364	5.3	0.0197	1.3	0.24	125.7	1.6	129.8	6.5	205.5	120.1	125.7	1.6
MAM13-MP96-22	144	148464	1.8	24.3717	13.0	0.1115	13.2	0.0197	2.6	0.19	125.8	3.2	107.3	13.5	-285.6	331.9	125.8	3.2
MAM13-MP96-16	155	157726	2.3	19.7809	10.4	0.1386	11.0	0.0199	3.7	0.33	126.9	4.6	131.8	13.6	220.5	240.8	126.9	4.6
MAM13-MP96-100	127	104113	1.5	20.5689	19.8	0.1343	20.3	0.0200	4.6	0.22	127.8	5.8	127.9	24.4	129.4	469.4	127.8	5.8
MAM13-MP96-17	216	134032	1.4	19.4059	8.9	0.1425	9.0	0.0201	1.3	0.14	128.0	1.6	135.3	11.4	264.7	204.8	128.0	1.6
MAM13-MP96-75	136	161484	1.2	19.4270	12.4	0.1468	12.7	0.0207	2.8	0.22	132.0	3.6	139.1	16.6	262.1	286.5	132.0	3.6
MAM13-MP96-81	352	297677	1.0	21.1676	6.6	0.1361	6.7	0.0209	1.1	0.16	133.3	1.4	129.5	8.2	61.5	158.4	133.3	1.4
MAM13-MP96-67	506	418507	1.1	20.1680	4.4	0.1534	4.7	0.0224	1.6	0.33	143.1	2.2	144.9	6.3	175.5	103.0	143.1	2.2

MAM13-MP96-59	247	33105	1.1	18.6988	11.4	0.1679	11.6	0.0228	2.0	0.17	145.1	2.8	157.6	16.9	349.2	259.1	145.1	2.8
MAM13-MP96-36	317	420456	2.1	19.8703	5.1	0.1604	5.4	0.0231	1.7	0.32	147.3	2.5	151.1	7.6	210.1	118.6	147.3	2.5
MAM13-MP96-15	248	343731	2.8	20.5079	9.0	0.1565	9.7	0.0233	3.6	0.37	148.3	5.2	147.6	13.3	136.4	212.6	148.3	5.2
MAM13-MP96-86	357	107133	1.0	19.7690	6.0	0.1773	6.2	0.0254	1.5	0.25	161.8	2.5	165.7	9.5	222.0	140.0	161.8	2.5
MAM13-MP96-44	98	77546	1.5	23.5196	17.2	0.1557	17.7	0.0266	4.2	0.24	169.0	6.9	146.9	24.2	-195.7	432.3	169.0	6.9
MAM13-MP96-64	265	766422	2.1	20.1473	5.9	0.1917	5.9	0.0280	0.8	0.13	178.1	1.3	178.1	9.7	177.9	137.7	178.1	1.3
MAM13-MP96-9	339	198972	1.5	20.4798	4.5	0.1905	5.1	0.0283	2.3	0.46	179.8	4.2	177.0	8.3	139.6	105.8	179.8	4.2
MAM13-MP96-37	154	216525	1.7	21.2957	11.9	0.1843	12.2	0.0285	2.6	0.21	180.9	4.6	171.7	19.2	47.1	284.5	180.9	4.6
MAM13-MP96-87	83	112121	2.8	21.0658	21.4	0.1871	21.6	0.0286	2.6	0.12	181.6	4.7	174.1	34.5	73.0	514.4	181.6	4.7
MAM13-MP96-71	44	71918	0.7	21.4559	38.3	0.1851	38.6	0.0288	4.5	0.12	183.1	8.2	172.5	61.3	29.1	949.5	183.1	8.2
MAM13-MP96-60	64	61742	0.4	18.0560	20.1	0.2218	21.2	0.0290	6.6	0.31	184.6	12.0	203.4	39.1	427.7	452.9	184.6	12.0
MAM13-MP96-33	244	418209	0.9	20.0570	7.3	0.2054	7.5	0.0299	1.9	0.25	189.8	3.6	189.6	13.1	188.4	170.1	189.8	3.6
MAM13-MP96-68	52	47540	0.3	19.5303	31.1	0.2174	31.2	0.0308	2.5	0.08	195.6	4.8	199.8	56.7	249.9	732.0	195.6	4.8
MAM13-MP96-21	53	50495	0.7	17.4413	9.7	0.2794	11.2	0.0353	5.6	0.50	223.9	12.2	250.2	24.9	504.5	214.9	223.9	12.2
MAM13-MP96-31	273	622959	0.6	19.6554	4.3	0.2575	4.4	0.0367	0.9	0.22	232.4	2.2	232.6	9.1	235.3	99.0	232.4	2.2
MAM13-MP96-57	330	435921	1.1	19.2993	2.8	0.2627	3.1	0.0368	1.3	0.41	232.8	2.9	236.8	6.5	277.3	63.7	232.8	2.9
MAM13-MP96-91	53	89518	0.6	23.0567	32.6	0.2315	32.8	0.0387	3.7	0.11	244.8	8.9	211.4	62.7	-146.2	826.6	244.8	8.9
MAM13-MP96-28	276	628906	1.0	19.5147	3.3	0.3039	3.6	0.0430	1.4	0.38	271.5	3.7	269.4	8.5	251.8	76.6	271.5	3.7
MAM13-MP96-89	57	163958	1.2	21.6119	17.1	0.2752	17.4	0.0431	3.0	0.18	272.3	8.1	246.9	38.1	11.8	413.9	272.3	8.1
MAM13-MP96-99	152	290808	1.2	18.7404	4.4	0.3271	5.8	0.0445	3.7	0.64	280.4	10.2	287.4	14.5	344.1	100.6	280.4	10.2
MAM13-MP96-77	320	542562	1.8	19.2846	2.8	0.3245	3.1	0.0454	1.4	0.44	286.1	3.8	285.4	7.6	279.0	63.0	286.1	3.8
MAM13-MP96-82	175	283859	0.8	18.8151	6.5	0.3462	6.8	0.0472	2.0	0.29	297.6	5.7	301.9	17.7	335.2	146.8	297.6	5.7
MAM13-MP96-3	244	491059	1.7	18.6359	3.0	0.3557	3.2	0.0481	1.0	0.32	302.7	3.0	309.0	8.4	356.8	67.7	302.7	3.0
MAM13-MP96-1	224	754725	2.7	19.2568	2.4	0.3490	3.1	0.0487	1.9	0.61	306.8	5.6	303.9	8.0	282.3	55.2	306.8	5.6
MAM13-MP96-29	48	96290	1.0	19.2589	17.1	0.3503	17.3	0.0489	2.5	0.15	308.0	7.6	305.0	45.5	282.1	393.4	308.0	7.6
MAM13-MP96-47	37	151951	0.8	20.8216	26.5	0.3362	26.7	0.0508	2.6	0.10	319.2	8.2	294.3	68.2	100.6	637.2	319.2	8.2
MAM13-MP96-39	34	65470	1.7	18.8780	24.7	0.3791	25.7	0.0519	6.8	0.26	326.2	21.6	326.4	71.7	327.6	569.3	326.2	21.6
MAM13-MP96-74	259	47292	0.7	18.0634	4.7	0.3982	6.2	0.0522	4.1	0.66	327.8	13.1	340.3	18.0	426.8	104.7	327.8	13.1
MAM13-MP96-12	55	226630	1.6	18.5036	10.6	0.4322	10.8	0.0580	2.4	0.22	363.4	8.5	364.7	33.2	372.8	238.4	363.4	8.5
MAM13-MP96-48	175	707606	0.9	18.2151	2.6	0.4478	2.7	0.0592	0.8	0.31	370.5	3.0	375.7	8.5	408.1	57.6	370.5	3.0
MAM13-MP96-97	110	255167	1.9	18.6073	5.1	0.4487	5.3	0.0606	1.4	0.26	379.0	5.0	376.4	16.6	360.2	115.3	379.0	5.0
MAM13-MP96-88	54	174173	1.0	19.3480	13.9	0.4461	14.2	0.0626	3.1	0.22	391.5	11.8	374.6	44.6	271.5	319.8	391.5	11.8
MAM13-MP96-25	169	429914	2.5	17.0605	8.8	0.5088	9.4	0.0630	3.3	0.35	393.6	12.7	417.7	32.2	552.8	192.6	393.6	12.7
MAM13-MP96-93	314	1732284	14.8	17.4101	1.3	0.5767	3.1	0.0728	2.8	0.90	453.1	12.4	462.3	11.6	508.4	29.3	453.1	12.4
MAM13-MP96-62	121	377724	1.5	16.8327	4.5	0.6210	7.4	0.0758	5.9	0.80	471.1	26.8	490.5	28.8	582.1	97.0	471.1	26.8
MAM13-MP96-84	196	1452918	1.9	17.4847	2.7	0.6040	2.8	0.0766	0.7	0.26	475.8	3.3	479.8	10.8	499.0	60.3	475.8	3.3
MAM13-MP96-19	48	153495	2.3	17.2947	11.4	0.6415	12.4	0.0805	4.7	0.38	498.9	22.8	503.2	49.1	523.0	251.1	498.9	22.8
MAM13-MP96-95	118	562822	1.8	17.2525	2.0	0.6751	2.4	0.0845	1.4	0.57	522.8	6.9	523.8	10.0	528.4	44.0	522.8	6.9
MAM13-MP96-51	247	973572	1.8	17.4954	2.2	0.6745	2.2	0.0856	0.6	0.26	529.4	3.0	523.4	9.2	497.6	47.6	529.4	3.0
MAM13-MP96-23	298	1437930	1.0	16.9483	1.5	0.6992	1.8	0.0859	1.0	0.54	531.5	4.9	538.3	7.4	567.2	32.2	531.5	4.9
MAM13-MP96-35	513	1207192	1.1	17.1931	1.2	0.6904	1.5	0.0861	0.9	0.62	532.4	4.6	533.1	6.1	535.9	25.3	532.4	4.6
MAM13-MP96-72	28	129496	2.6	17.5315	15.2	0.6844	15.4	0.0870	2.8	0.18	537.9	14.2	529.5	63.6	493.1	335.8	537.9	14.2
MAM13-MP96-96	60	341307	1.8	17.0253	6.4	0.7105	7.6	0.0877	4.0	0.52	542.1	20.6	545.0	31.9	557.3	140.3	542.1	20.6
MAM13-MP96-27	119	337628	2.9	17.3430	4.1	0.7005	4.2	0.0881	1.0	0.24	544.4	5.2	539.1	17.8	516.9	90.6	544.4	5.2
MAM13-MP96-69	154	1106244	7.8	16.8703	2.9	0.7451	4.0	0.0912	2.8	0.69	562.4	14.9	565.4	17.5	577.3	63.8	562.4	14.9
MAM13-MP96-54	181	1095028	2.1	16.5884	1.6	0.8415	2.3	0.1012	1.8	0.75	621.7	10.4	620.0	10.9	613.7	33.7	621.7	10.4
MAM13-MP96-85	300	2747529	2.6	16.4949	1.2	0.8516	1.6	0.1019	1.1	0.67	625.4	6.5	625.5	7.6	625.9	26.1	625.4	6.5
MAM13-MP96-45	82	518682	0.9	16.6189	3.2	0.8487	3.5	0.1023	1.6	0.44	627.8	9.3	623.9	16.5	609.8	68.6	627.8	9.3
MAM13-MP96-70	231	2321822	1.0	16.5224	0.9	0.8616	2.5	0.1032	2.3	0.94	633.4	14.1	631.0	11.7	622.3	19.0	633.4	14.1
MAM13-MP96-32	477	2886470	3.4	16.2190	0.6	0.9274	1.8	0.1091	1.6	0.93	667.5	10.4	666.3	8.6	662.2	13.6	667.5	10.4

MAM13-MP96-7	294	1528900	0.9	16.1061	1.5	0.9520	2.9	0.1112	2.4	0.85	679.7	15.7	679.1	14.3	677.1	32.7	679.7	15.7
MAM13-MP96-80	427	1778939	2.3	15.7329	0.9	1.0465	4.0	0.1194	3.9	0.98	727.2	27.0	727.2	20.9	727.0	18.4	727.2	27.0
MAM13-MP96-65	160	1302709	1.9	14.6650	1.4	1.1656	2.6	0.1240	2.2	0.84	753.4	15.5	784.6	14.2	874.3	29.5	753.4	15.5
MAM13-MP96-43	446	1803002	2.8	14.4769	1.2	1.3749	4.9	0.1444	4.8	0.97	869.3	38.7	878.3	28.9	901.0	25.2	869.3	38.7
MAM13-MP96-11	286	652981	21.5	14.1751	1.3	1.4185	6.2	0.1458	6.1	0.98	877.6	49.8	896.7	37.0	944.3	27.2	944.3	27.2
MAM13-MP96-92	61	627279	1.6	13.8497	2.7	1.6230	3.7	0.1630	2.5	0.69	973.6	22.9	979.2	23.2	991.7	54.7	991.7	54.7
MAM13-MP96-55	163	1392821	1.7	13.7787	1.1	1.7078	1.6	0.1707	1.2	0.73	1015.8	10.9	1011.5	10.2	1002.1	22.1	1002.1	22.1
MAM13-MP96-66	143	948619	1.8	13.6944	1.1	1.7213	2.4	0.1710	2.1	0.88	1017.4	19.9	1016.5	15.4	1014.6	22.8	1014.6	22.8
MAM13-MP96-76	251	630329	2.2	13.5938	1.0	1.7144	1.9	0.1690	1.5	0.83	1006.7	14.4	1013.9	11.9	1029.5	20.7	1029.5	20.7
MAM13-MP96-13	190	2517757	2.4	13.4014	1.0	1.8263	1.4	0.1775	1.0	0.70	1053.3	9.5	1054.9	9.1	1058.3	19.8	1058.3	19.8
MAM13-MP96-38	122	1653508	1.6	13.3829	1.1	1.8161	1.4	0.1763	0.9	0.60	1046.6	8.4	1051.3	9.4	1061.1	23.1	1061.1	23.1
MAM13-MP96-56	229	1314078	3.0	13.3777	0.8	1.9106	2.2	0.1854	2.1	0.93	1096.2	20.8	1084.8	14.9	1061.8	17.0	1061.8	17.0
MAM13-MP96-53	491	5982621	2.4	13.3230	0.6	1.9109	2.7	0.1846	2.6	0.97	1092.3	26.4	1084.9	18.0	1070.1	12.2	1070.1	12.2
MAM13-MP96-98	20	170500	0.8	12.8171	6.0	2.0329	7.3	0.1890	4.1	0.57	1115.8	42.5	1126.6	50.0	1147.4	120.3	1147.4	120.3
MAM13-MP96-52	26	197655	0.7	12.6298	6.1	2.1579	6.4	0.1977	1.9	0.30	1162.8	20.3	1167.6	44.7	1176.6	121.7	1176.6	121.7
MAM13-MP96-83	68	2892677	289.4	12.2279	1.9	2.3789	2.9	0.2110	2.2	0.74	1234.0	24.2	1236.3	20.7	1240.3	37.8	1240.3	37.8
MAM13-MP96-49	136	804048	3.6	9.8108	1.3	3.9430	4.7	0.2806	4.5	0.96	1594.2	63.6	1622.6	37.9	1659.5	23.5	1659.5	23.5
MAM13-MP96-41	95	1174116	1.2	5.3896	0.2	13.3112	1.4	0.5203	1.4	0.99	2700.5	31.4	2702.0	13.6	2703.0	3.7	2703.0	3.7

MAM13-MP97-84	1036	137843	1.0	20.7758	2.6	0.0991	2.9	0.0149	1.2	0.43	95.6	1.2	96.0	2.6	105.8	61.3	95.6	1.2
MAM13-MP97-83	795	213927	1.4	21.3650	2.2	0.0969	4.1	0.0150	3.4	0.83	96.1	3.2	93.9	3.6	39.3	53.7	96.1	3.2
MAM13-MP97-27	209	70148	1.1	22.6966	20.4	0.0914	20.7	0.0151	3.3	0.16	96.3	3.2	88.8	17.6	-107.3	506.3	96.3	3.2
MAM13-MP97-70	568	32820	1.3	20.9976	5.2	0.0991	5.6	0.0151	2.1	0.37	96.5	2.0	95.9	5.2	80.6	124.6	96.5	2.0
MAM13-MP97-21	94	15732	0.9	24.9293	37.7	0.0843	38.0	0.0152	4.4	0.12	97.6	4.3	82.2	30.0	-343.6	1002.4	97.6	4.3
MAM13-MP97-12	558	7765	0.3	19.7226	8.8	0.1069	9.1	0.0153	2.2	0.24	97.8	2.1	103.1	8.9	227.4	204.7	97.8	2.1
MAM13-MP97-41	180	39616	0.9	21.7967	11.4	0.0971	11.7	0.0153	2.8	0.24	98.2	2.7	94.1	10.5	-8.7	274.9	98.2	2.7
MAM13-MP97-60	155	645	0.7	13.6725	24.6	0.1547	25.1	0.0153	4.7	0.19	98.2	4.6	146.1	34.2	1017.8	506.7	98.2	4.6
MAM13-MP97-33	628	95723	1.0	20.9450	2.9	0.1016	3.3	0.0154	1.7	0.50	98.7	1.6	98.2	3.1	86.6	67.8	98.7	1.6
MAM13-MP97-47	128	21658	1.0	22.5545	26.3	0.0950	26.5	0.0155	3.5	0.13	99.4	3.5	92.2	23.4	-91.9	654.6	99.4	3.5
MAM13-MP97-29	71	1646	1.3	24.8848	23.2	0.0864	24.3	0.0156	7.2	0.29	99.7	7.1	84.1	19.6	-339.0	605.5	99.7	7.1
MAM13-MP97-93	81	11155	1.2	24.6208	23.6	0.0927	25.2	0.0166	8.9	0.35	105.9	9.4	90.0	21.7	-311.6	611.0	105.9	9.4
MAM13-MP97-69	163	10155	1.3	19.0164	14.6	0.1218	15.2	0.0168	4.0	0.26	107.4	4.2	116.7	16.7	311.0	335.0	107.4	4.2
MAM13-MP97-48	70	5791	1.5	21.4855	24.5	0.1087	25.5	0.0169	7.3	0.29	108.3	7.8	104.8	25.4	25.9	594.8	108.3	7.8
MAM13-MP97-9	112	13555	1.0	23.9861	22.9	0.0986	23.2	0.0172	4.0	0.17	109.7	4.3	95.5	21.2	-245.2	585.0	109.7	4.3
MAM13-MP97-51	482	48463	0.8	20.3309	3.9	0.1167	4.2	0.0172	1.4	0.34	110.0	1.5	112.1	4.4	156.7	91.7	110.0	1.5
MAM13-MP97-11	186	19805	1.4	23.3997	23.0	0.1037	23.1	0.0176	2.3	0.10	112.5	2.6	100.2	22.0	-183.0	579.6	112.5	2.6
MAM13-MP97-64	228	66302	1.5	20.7489	7.7	0.1201	8.0	0.0181	2.1	0.26	115.5	2.4	115.2	8.7	108.9	182.3	115.5	2.4
MAM13-MP97-62	77	17034	1.0	19.1489	9.3	0.1317	11.2	0.0183	6.2	0.56	116.9	7.2	125.7	13.2	295.2	212.2	116.9	7.2
MAM13-MP97-97	169	19787	1.2	20.2734	13.4	0.1259	13.7	0.0185	2.9	0.21	118.3	3.4	120.4	15.5	163.3	313.7	118.3	3.4
MAM13-MP97-34	174	39650	0.7	19.9967	18.2	0.1311	18.4	0.0190	2.9	0.16	121.4	3.5	125.1	21.6	195.4	425.1	121.4	3.5
MAM13-MP97-44	170	36534	1.5	22.8586	22.2	0.1154	22.3	0.0191	2.7	0.12	122.2	3.3	110.9	23.5	-124.9	553.1	122.2	3.3
MAM13-MP97-63	142	14958	0.9	19.1112	8.7	0.1386	9.5	0.0192	3.8	0.40	122.7	4.6	131.8	11.7	299.6	198.9	122.7	4.6
MAM13-MP97-65	160	36290	2.2	21.1352	9.4	0.1286	9.5	0.0197	1.6	0.17	125.9	2.0	122.9	11.0	65.1	223.2	125.9	2.0
MAM13-MP97-52	404	116511	0.7	20.1359	2.5	0.1352	3.0	0.0197	1.6	0.55	126.0	2.0	128.7	3.6	179.2	58.3	126.0	2.0
MAM13-MP97-80	179	32426	1.6	21.3218	11.9	0.1285	12.2	0.0199	3.0	0.24	126.8	3.7	122.8	14.2	44.1	284.7	126.8	3.7
MAM13-MP97-24	160	20589	1.4	21.8405	13.2	0.1349	13.8	0.0214	4.1	0.30	136.3	5.5	128.5	16.6	-13.6	318.9	136.3	5.5
MAM13-MP97-87	87	16950	1.2	20.2861	20.8	0.1493	21.1	0.0220	3.7	0.17	140.1	5.1	141.3	27.9	161.9	491.4	140.1	5.1
MAM13-MP97-4	176	78615	2.1	18.8860	9.6	0.1628	10.1	0.0223	3.1	0.31	142.2	4.4	153.2	14.4	326.6	219.0	142.2	4.4
MAM13-MP97-54	160	57525	1.5	21.0702	10.6	0.1462	11.4	0.0223	4.2	0.37	142.5	5.9	138.6	14.8	72.4	252.2	142.5	5.9
MAM13-MP97-37	242	50483	1.6	21.2550	5.4	0.1466	5.9	0.0226	2.2	0.38	144.0	3.2	138.9	7.6	51.7	129.7	144.0	3.2

MAM13-MP97-46	369	32313	1.7	20.5597	3.8	0.1528	4.2	0.0228	1.7	0.41	145.2	2.4	144.4	5.6	130.5	89.6	145.2	2.4
MAM13-MP97-91	334	34391	1.7	20.0222	5.3	0.1570	5.4	0.0228	1.2	0.22	145.3	1.7	148.1	7.5	192.4	123.1	145.3	1.7
MAM13-MP97-94	401	42718	2.1	20.3485	5.8	0.1551	8.3	0.0229	6.0	0.72	145.9	8.6	146.4	11.3	154.7	134.8	145.9	8.6
MAM13-MP97-30	71	14040	2.3	21.0755	19.7	0.1514	20.0	0.0231	3.5	0.18	147.4	5.1	143.1	26.7	71.9	472.4	147.4	5.1
MAM13-MP97-82	246	42186	1.4	20.5225	7.9	0.1650	8.3	0.0246	2.5	0.30	156.4	3.8	155.1	11.9	134.7	185.9	156.4	3.8
MAM13-MP97-26	165	39717	1.6	20.3904	4.8	0.1740	5.2	0.0257	1.9	0.37	163.7	3.1	162.8	7.8	149.9	112.9	163.7	3.1
MAM13-MP97-38	29	5786	2.2	22.8652	46.7	0.1580	47.5	0.0262	8.4	0.18	166.7	13.9	148.9	65.9	-125.6	1213.3	166.7	13.9
MAM13-MP97-74	103	910	0.2	13.8178	18.8	0.2627	19.1	0.0263	3.2	0.17	167.5	5.3	236.8	40.4	996.4	385.6	167.5	5.3
MAM13-MP97-96	115	25804	0.8	20.9776	10.9	0.1746	11.1	0.0266	2.3	0.21	169.0	3.9	163.4	16.8	82.9	258.2	169.0	3.9
MAM13-MP97-8	98	3815	1.2	17.6260	6.1	0.2127	7.3	0.0272	3.9	0.54	172.9	6.7	195.8	12.9	481.2	135.1	172.9	6.7
MAM13-MP97-13	70	18813	1.3	19.4477	16.7	0.1980	17.2	0.0279	4.1	0.24	177.5	7.1	183.4	28.9	259.7	386.9	177.5	7.1
MAM13-MP97-90	71	13163	1.2	17.7468	14.2	0.2202	14.5	0.0283	3.1	0.21	180.2	5.5	202.1	26.6	466.1	315.8	180.2	5.5
MAM13-MP97-88	61	4945	1.3	14.2679	24.8	0.2747	26.1	0.0284	8.3	0.32	180.7	14.7	246.4	57.3	930.9	516.7	180.7	14.7
MAM13-MP97-98	191	84517	1.4	20.5219	6.8	0.1912	8.2	0.0285	4.6	0.56	180.9	8.1	177.6	13.3	134.8	159.8	180.9	8.1
MAM13-MP97-45	82	16738	0.5	20.0673	14.8	0.1957	15.0	0.0285	2.4	0.16	181.0	4.4	181.5	24.9	187.2	345.7	181.0	4.4
MAM13-MP97-19	118	29475	0.8	20.2178	11.2	0.1945	11.7	0.0285	3.3	0.28	181.3	6.0	180.5	19.4	169.7	262.8	181.3	6.0
MAM13-MP97-57	91	19285	0.8	19.4874	14.6	0.2023	14.8	0.0286	2.5	0.17	181.7	4.4	187.1	25.4	255.0	338.1	181.7	4.4
MAM13-MP97-73	66	10184	0.6	20.7021	24.7	0.1909	25.1	0.0287	4.4	0.18	182.2	7.9	177.4	40.9	114.2	591.3	182.2	7.9
MAM13-MP97-10	269	62502	0.5	20.0081	3.9	0.1976	4.1	0.0287	1.2	0.29	182.2	2.2	183.1	6.8	194.1	90.9	182.2	2.2
MAM13-MP97-58	27	8159	0.5	26.9752	82.1	0.1469	82.5	0.0287	8.3	0.10	182.6	14.9	139.2	107.8	-551.3	2722.6	182.6	14.9
MAM13-MP97-55	56	10034	0.7	22.7742	14.6	0.1750	15.7	0.0289	5.8	0.37	183.7	10.5	163.7	23.8	-115.8	361.6	183.7	10.5
MAM13-MP97-5	37	17966	1.3	21.1273	23.6	0.1891	24.1	0.0290	4.7	0.19	184.1	8.5	175.9	38.9	66.0	569.8	184.1	8.5
MAM13-MP97-99	17	9232	0.4	18.1336	45.3	0.2212	46.4	0.0291	9.9	0.21	184.8	18.0	202.9	85.5	418.1	1064.9	184.8	18.0
MAM13-MP97-72	91	20356	1.6	21.1132	15.6	0.1919	15.8	0.0294	2.9	0.18	186.7	5.4	178.3	25.9	67.6	372.6	186.7	5.4
MAM13-MP97-49	194	41110	1.1	19.5190	8.5	0.2095	8.9	0.0297	2.7	0.30	188.4	4.9	193.1	15.7	251.3	195.9	188.4	4.9
MAM13-MP97-7	79	13408	1.1	21.2911	14.7	0.1944	16.0	0.0300	6.2	0.39	190.7	11.7	180.4	26.4	47.6	352.9	190.7	11.7
MAM13-MP97-92	208	77515	0.3	19.6995	4.9	0.2148	5.2	0.0307	1.8	0.35	194.8	3.5	197.6	9.3	230.0	112.1	194.8	3.5
MAM13-MP97-32	60	13558	1.1	18.2040	13.3	0.2589	14.8	0.0342	6.5	0.44	216.7	13.8	233.8	30.8	409.5	297.6	216.7	13.8
MAM13-MP97-76	184	28325	0.4	19.5865	4.8	0.2640	6.8	0.0375	4.8	0.71	237.3	11.1	237.9	14.3	243.4	110.4	237.3	11.1
MAM13-MP97-71	61	13641	0.6	20.7015	19.7	0.2568	19.8	0.0386	1.9	0.10	243.9	4.6	232.1	41.2	114.2	469.7	243.9	4.6
MAM13-MP97-40	309	126834	1.0	19.4443	2.9	0.3041	3.9	0.0429	2.6	0.67	270.7	6.9	269.6	9.2	260.1	66.2	270.7	6.9
MAM13-MP97-42	412	218091	1.9	19.2366	1.5	0.3214	2.0	0.0448	1.3	0.64	282.7	3.6	282.9	4.9	284.7	35.0	282.7	3.6
MAM13-MP97-79	58	22486	1.0	19.5546	15.5	0.3248	16.2	0.0461	4.8	0.29	290.3	13.5	285.6	40.5	247.1	359.3	290.3	13.5
MAM13-MP97-18	134	61136	1.2	19.4233	4.8	0.3340	5.4	0.0471	2.4	0.46	296.4	7.1	292.6	13.7	262.6	109.8	296.4	7.1
MAM13-MP97-14	27	11462	0.8	20.1906	28.2	0.3438	28.4	0.0503	3.5	0.12	316.6	10.7	300.0	73.9	172.9	669.9	316.6	10.7
MAM13-MP97-66	354	218856	18.0	18.5384	1.5	0.4405	1.8	0.0592	0.9	0.54	370.9	3.4	370.6	5.5	368.6	33.6	370.9	3.4
MAM13-MP97-23	415	19874	1.0	18.1580	3.1	0.4499	3.8	0.0592	2.2	0.58	371.0	8.0	377.2	12.0	415.1	69.0	371.0	8.0
MAM13-MP97-22	404	432818	2.0	18.3660	1.2	0.4745	2.0	0.0632	1.6	0.81	395.1	6.3	394.3	6.7	389.6	27.2	395.1	6.3
MAM13-MP97-16	368	85302	2.2	18.1706	1.9	0.4816	2.1	0.0635	0.7	0.34	396.7	2.7	399.2	6.8	413.6	43.4	396.7	2.7
MAM13-MP97-78	148	97316	1.1	17.9676	1.8	0.5571	4.8	0.0726	4.4	0.93	451.8	19.2	449.6	17.3	438.6	40.1	451.8	19.2
MAM13-MP97-100	137	101964	1.8	17.9748	2.2	0.5665	2.8	0.0738	1.8	0.64	459.3	8.0	455.7	10.4	437.7	48.2	459.3	8.0
MAM13-MP97-6	119	48471	1.6	17.7346	4.1	0.5920	4.4	0.0761	1.8	0.40	473.0	8.0	472.1	16.8	467.6	90.5	473.0	8.0
MAM13-MP97-17	407	36524	1.4	17.6087	1.2	0.6001	2.7	0.0766	2.5	0.90	476.0	11.3	477.3	10.4	483.4	26.1	476.0	11.3
MAM13-MP97-77	106	51430	0.9	17.1962	3.7	0.6585	4.3	0.0821	2.1	0.50	508.8	10.4	513.7	17.2	535.5	80.9	508.8	10.4
MAM13-MP97-59	260	199840	1.1	17.4236	2.2	0.6541	2.5	0.0827	1.1	0.43	511.9	5.3	511.0	10.0	506.7	49.1	511.9	5.3
MAM13-MP97-89	92	28081	1.2	17.4161	3.0	0.6593	3.5	0.0833	1.8	0.52	515.6	9.1	514.2	14.2	507.6	65.8	515.6	9.1
MAM13-MP97-61	168	140988	1.7	17.5007	2.7	0.6802	2.9	0.0863	1.0	0.34	533.9	5.0	526.9	11.9	497.0	60.0	533.9	5.0
MAM13-MP97-75	70	40964	1.5	17.7605	7.9	0.6706	8.7	0.0864	3.8	0.44	534.1	19.7	521.1	35.6	464.4	174.2	534.1	19.7
MAM13-MP97-2	372	81192	1.1	16.9092	1.0	0.7097	5.9	0.0870	5.8	0.99	538.0	30.2	544.6	25.0	572.2	20.9	538.0	30.2
MAM13-MP97-28	114	107031	3.0	16.7990	3.0	0.7658	5.2	0.0933	4.3	0.82	575.1	23.5	577.4	22.9	586.5	64.7	575.1	23.5

MAM13-MP97-86	245	185051	6.2	16.6235	1.0	0.8033	2.8	0.0969	2.7	0.94	595.9	15.1	598.7	12.8	609.2	21.0	595.9	15.1
MAM13-MP97-31	271	32962	1.5	16.0095	1.0	0.8903	2.5	0.1034	2.3	0.91	634.2	13.7	646.5	11.9	690.0	21.4	634.2	13.7
MAM13-MP97-3	338	214962	3.7	14.0682	1.5	1.3135	6.4	0.1340	6.2	0.97	810.8	47.5	851.7	37.0	959.8	30.3	810.8	47.5
MAM13-MP97-81	48	59620	3.0	13.8189	3.4	1.3959	5.7	0.1399	4.6	0.81	844.1	36.7	887.2	34.0	996.2	69.0	996.2	69.0
MAM13-MP97-36	96	141823	0.7	11.6477	1.5	2.2791	3.9	0.1925	3.6	0.92	1135.1	37.5	1205.8	27.5	1334.9	28.8	1334.9	28.8
MAM13-MP97-35	78	218174	0.9	10.7289	0.7	3.3443	1.8	0.2602	1.6	0.92	1491.0	21.7	1491.5	13.9	1492.1	13.5	1492.1	13.5

MAM13-LTA83-27	77	1171	0.6	26.0974	30.8	0.0806	31.3	0.0153	5.3	0.17	97.7	5.2	78.7	23.7	-463.1	831.1	97.7	5.2
MAM13-LTA83-20	43	1506	1.6	30.2092	56.7	0.0697	57.4	0.0153	8.9	0.15	97.7	8.6	68.4	38.0	-866.3	1753.7	97.7	8.6
MAM13-LTA83-74	45	3065	1.5	30.8152	57.3	0.0687	57.9	0.0154	8.1	0.14	98.3	7.9	67.5	37.8	-923.9	1799.4	98.3	7.9
MAM13-LTA83-12	286	11805	0.5	20.2431	2.8	0.1055	3.5	0.0155	2.1	0.61	99.1	2.1	101.8	3.4	166.8	64.9	99.1	2.1
MAM13-LTA83-44	88	6893	1.2	28.7902	38.5	0.0747	39.4	0.0156	8.3	0.21	99.8	8.2	73.1	27.8	-729.9	1109.4	99.8	8.2
MAM13-LTA83-9	246	7727	1.3	20.5258	6.3	0.1125	6.5	0.0168	1.6	0.25	107.1	1.7	108.3	6.7	134.3	148.7	107.1	1.7
MAM13-LTA83-31	157	7997	0.7	20.3982	10.6	0.1139	12.1	0.0169	5.8	0.48	107.8	6.2	109.6	12.6	149.0	249.3	107.8	6.2
MAM13-LTA83-76	253	21315	1.4	20.5247	8.1	0.1137	8.7	0.0169	3.0	0.35	108.2	3.2	109.4	9.0	134.5	191.4	108.2	3.2
MAM13-LTA83-60	26	4171	1.1	13.6032	99.4	0.1716	99.9	0.0169	9.7	0.10	108.2	10.4	160.8	149.6	1028.1	#VALUE!	108.2	10.4
MAM13-LTA83-10	71	2982	1.3	31.7300	37.1	0.0736	37.3	0.0169	4.1	0.11	108.2	4.4	72.1	26.0	-1010.0	1133.9	108.2	4.4
MAM13-LTA83-34	65	4902	1.3	28.5267	23.4	0.0823	24.2	0.0170	6.3	0.26	108.8	6.8	80.3	18.7	-704.3	657.2	108.8	6.8
MAM13-LTA83-69	143	3130	1.3	20.1562	19.3	0.1169	19.5	0.0171	3.3	0.17	109.3	3.6	112.3	20.8	176.9	452.6	109.3	3.6
MAM13-LTA83-100	88	7001	0.8	26.6175	31.7	0.0887	32.2	0.0171	5.7	0.18	109.4	6.2	86.2	26.7	-515.6	865.0	109.4	6.2
MAM13-LTA83-16	150	7194	1.8	23.1573	18.5	0.1022	19.0	0.0172	4.5	0.24	109.8	4.9	98.9	17.9	-157.0	462.8	109.8	4.9
MAM13-LTA83-55	85	3926	0.9	20.2573	31.1	0.1169	31.4	0.0172	4.5	0.14	109.8	4.9	112.3	33.4	165.2	742.8	109.8	4.9
MAM13-LTA83-91	182	30548	1.5	20.6602	11.8	0.1155	12.3	0.0173	3.3	0.27	110.6	3.6	111.0	12.9	119.0	279.2	110.6	3.6
MAM13-LTA83-4	146	12486	1.3	21.2120	12.8	0.1135	12.9	0.0175	2.1	0.17	111.6	2.4	109.1	13.4	56.5	305.2	111.6	2.4
MAM13-LTA83-77	110	9125	2.5	20.4975	23.0	0.1185	23.4	0.0176	3.9	0.17	112.6	4.4	113.7	25.1	137.6	547.3	112.6	4.4
MAM13-LTA83-66	86	7560	1.2	22.7577	30.9	0.1073	31.2	0.0177	3.8	0.12	113.1	4.2	103.5	30.7	-114.0	777.9	113.1	4.2
MAM13-LTA83-49	213	4148	1.1	21.7047	7.7	0.1126	8.0	0.0177	2.4	0.30	113.3	2.7	108.3	8.3	1.4	185.0	113.3	2.7
MAM13-LTA83-37	161	8735	1.6	20.2013	11.8	0.1224	12.7	0.0179	4.9	0.39	114.6	5.6	117.2	14.1	171.6	275.1	114.6	5.6
MAM13-LTA83-18	85	3956	1.2	23.3182	24.3	0.1060	25.7	0.0179	8.2	0.32	114.6	9.3	102.3	25.0	-174.3	613.5	114.6	9.3
MAM13-LTA83-72	154	19882	1.8	22.0363	13.1	0.1123	13.3	0.0180	2.4	0.18	114.7	2.7	108.1	13.6	-35.2	317.8	114.7	2.7
MAM13-LTA83-24	415	41241	1.6	21.1078	5.2	0.1179	5.8	0.0181	2.6	0.45	115.4	3.0	113.2	6.2	68.2	123.4	115.4	3.0
MAM13-LTA83-70	318	26487	1.6	21.2887	3.5	0.1223	4.2	0.0189	2.4	0.56	120.6	2.8	117.2	4.7	47.9	84.2	120.6	2.8
MAM13-LTA83-65	114	1798	1.3	21.7365	19.5	0.1212	20.1	0.0191	4.6	0.23	122.0	5.6	116.2	22.0	-2.1	474.4	122.0	5.6
MAM13-LTA83-39	182	11939	1.4	22.9350	18.4	0.1149	18.7	0.0191	3.4	0.18	122.1	4.1	110.5	19.6	-133.1	458.9	122.1	4.1
MAM13-LTA83-36	104	15174	1.3	20.3425	14.2	0.1298	14.9	0.0191	4.5	0.30	122.3	5.5	123.9	17.4	155.4	333.3	122.3	5.5
MAM13-LTA83-85	44	3445	1.1	21.5005	49.4	0.1233	49.8	0.0192	6.4	0.13	122.8	7.8	118.1	55.5	24.2	1254.7	122.8	7.8
MAM13-LTA83-46	182	14530	1.9	20.6399	9.9	0.1286	10.1	0.0192	1.9	0.19	122.9	2.3	122.8	11.7	121.3	234.1	122.9	2.3
MAM13-LTA83-73	85	3963	1.8	24.1931	22.2	0.1100	22.8	0.0193	5.5	0.24	123.2	6.8	106.0	23.0	-266.9	568.3	123.2	6.8
MAM13-LTA83-81	113	12066	1.0	21.7882	12.6	0.1227	13.3	0.0194	4.2	0.32	123.8	5.1	117.5	14.7	-7.8	304.8	123.8	5.1
MAM13-LTA83-19	231	10194	1.4	20.7664	6.5	0.1288	7.9	0.0194	4.4	0.56	123.9	5.4	123.0	9.1	106.9	154.1	123.9	5.4
MAM13-LTA83-63	106	11206	1.0	27.9779	21.8	0.0958	22.3	0.0194	4.6	0.21	124.1	5.7	92.9	19.8	-650.6	605.5	124.1	5.7
MAM13-LTA83-89	305	13259	3.0	20.7007	8.4	0.1300	8.7	0.0195	2.2	0.25	124.6	2.7	124.1	10.2	114.4	198.9	124.6	2.7
MAM13-LTA83-21	287	31872	0.9	21.5662	7.3	0.1249	7.6	0.0195	2.0	0.26	124.8	2.5	119.5	8.5	16.8	176.0	124.8	2.5
MAM13-LTA83-14	151	9908	1.6	19.3459	18.1	0.1398	18.3	0.0196	2.7	0.15	125.2	3.4	132.9	22.8	271.7	417.6	125.2	3.4
MAM13-LTA83-40	94	6054	1.6	18.0736	21.5	0.1497	22.0	0.0196	4.4	0.20	125.2	5.5	141.6	29.1	425.5	485.3	125.2	5.5
MAM13-LTA83-92	367	23444	1.4	20.9807	6.5	0.1311	6.7	0.0200	1.8	0.27	127.4	2.3	125.1	7.9	82.5	154.2	127.4	2.3
MAM13-LTA83-83	404	49845	0.8	20.1845	5.6	0.1372	6.7	0.0201	3.7	0.56	128.2	4.7	130.5	8.2	173.6	130.7	128.2	4.7
MAM13-LTA83-6	58	1028	1.7	13.8357	24.6	0.2004	25.1	0.0201	5.2	0.21	128.4	6.6	185.5	42.6	993.7	506.9	128.4	6.6
MAM13-LTA83-98	91	6751	0.8	20.5199	21.7	0.1434	22.3	0.0213	4.9	0.22	136.2	6.6	136.1	28.4	135.0	516.4	136.2	6.6
MAM13-LTA83-58	205	5055	1.4	20.2890	5.5	0.1462	5.9	0.0215	2.1	0.36	137.2	2.9	138.6	7.6	161.5	128.1	137.2	2.9

MAM13-LTA83-80	227	14602	1.7	20.1772	7.9	0.1486	8.7	0.0217	3.7	0.42	138.6	5.0	140.6	11.4	174.4	184.4	138.6	5.0
MAM13-LTA83-51	449	72496	1.5	20.0513	4.8	0.1505	5.1	0.0219	1.5	0.29	139.6	2.0	142.3	6.7	189.0	112.7	139.6	2.0
MAM13-LTA83-86	292	20357	1.4	20.3278	5.6	0.1492	5.9	0.0220	1.9	0.33	140.3	2.7	141.2	7.8	157.1	130.7	140.3	2.7
MAM13-LTA83-17	202	25210	2.2	21.2506	6.2	0.1443	6.8	0.0222	2.9	0.43	141.8	4.1	136.9	8.7	52.2	147.1	141.8	4.1
MAM13-LTA83-25	375	29624	2.1	21.2050	4.9	0.1446	5.3	0.0222	2.1	0.40	141.8	3.0	137.1	6.8	57.2	116.6	141.8	3.0
MAM13-LTA83-59	323	26764	2.2	20.7960	9.0	0.1481	9.8	0.0223	3.8	0.39	142.4	5.3	140.2	12.8	103.5	212.8	142.4	5.3
MAM13-LTA83-97	69	8408	1.2	18.9142	35.2	0.1655	35.7	0.0227	5.9	0.16	144.7	8.4	155.5	51.6	323.3	823.7	144.7	8.4
MAM13-LTA83-87	46	4805	1.6	19.4878	31.1	0.1618	31.7	0.0229	5.8	0.18	145.8	8.3	152.3	44.8	255.0	732.0	145.8	8.3
MAM13-LTA83-96	350	21806	1.4	21.5193	5.1	0.1494	5.6	0.0233	2.2	0.40	148.5	3.3	141.3	7.4	22.1	123.5	148.5	3.3
MAM13-LTA83-50	240	15824	2.0	20.9197	7.9	0.1569	8.3	0.0238	2.3	0.28	151.7	3.5	148.0	11.4	89.5	188.3	151.7	3.5
MAM13-LTA83-48	265	24961	1.2	20.3327	7.3	0.1775	7.4	0.0262	1.1	0.15	166.6	1.8	165.9	11.3	156.5	170.9	166.6	1.8
MAM13-LTA83-23	55	15444	0.8	22.6654	25.8	0.2042	25.9	0.0336	2.9	0.11	212.9	6.0	188.7	44.7	-104.0	643.2	212.9	6.0
MAM13-LTA83-38	66	12424	0.8	18.9325	17.6	0.2678	18.2	0.0368	4.5	0.25	232.8	10.3	240.9	39.0	321.1	403.0	232.8	10.3
MAM13-LTA83-3	439	71258	0.9	19.9111	2.0	0.2624	2.8	0.0379	1.9	0.69	239.7	4.6	236.6	5.9	205.3	47.2	239.7	4.6
MAM13-LTA83-82	162	19936	0.7	18.5775	6.7	0.2822	7.7	0.0380	3.7	0.49	240.6	8.8	252.4	17.2	363.9	151.5	240.6	8.8
MAM13-LTA83-61	241	53047	1.0	19.7375	5.1	0.2657	5.4	0.0380	1.7	0.31	240.6	4.0	239.2	11.5	225.6	118.7	240.6	4.0
MAM13-LTA83-52	184	18713	0.9	18.8132	3.2	0.3043	4.6	0.0415	3.3	0.72	262.2	8.4	269.7	10.9	335.4	72.5	262.2	8.4
MAM13-LTA83-45	73	13597	1.8	18.8254	8.7	0.3249	10.0	0.0444	4.9	0.49	279.8	13.4	285.7	24.8	333.9	196.9	279.8	13.4
MAM13-LTA83-62	193	37075	16.5	17.5989	4.5	0.3530	7.7	0.0451	6.3	0.81	284.1	17.4	306.9	20.5	484.6	100.2	284.1	17.4
MAM13-LTA83-22	252	7578	2.3	19.5247	3.0	0.3256	3.4	0.0461	1.6	0.48	290.6	4.6	286.2	8.5	250.6	69.3	290.6	4.6
MAM13-LTA83-57	186	72556	1.4	19.0358	5.8	0.3590	6.0	0.0496	1.4	0.24	311.9	4.4	311.5	16.0	308.7	131.8	311.9	4.4
MAM13-LTA83-93	129	43401	1.8	18.6043	6.8	0.4394	7.0	0.0593	1.9	0.26	371.3	6.7	369.8	21.9	360.6	153.5	371.3	6.7
MAM13-LTA83-42	149	48775	1.3	19.0204	6.8	0.4432	7.2	0.0611	2.5	0.35	382.6	9.5	372.5	22.6	310.5	154.4	382.6	9.5
MAM13-LTA83-90	97	34142	1.5	18.4335	5.6	0.4609	5.9	0.0616	2.0	0.33	385.5	7.3	384.9	18.9	381.4	125.0	385.5	7.3
MAM13-LTA83-99	624	21488	12.9	16.7655	4.2	0.5140	5.0	0.0625	2.8	0.56	390.8	10.7	421.2	17.4	590.8	90.6	390.8	10.7
MAM13-LTA83-94	539	180392	5.2	17.3372	1.4	0.5036	4.2	0.0633	4.0	0.94	395.8	15.3	414.2	14.4	517.6	31.2	395.8	15.3
MAM13-LTA83-28	231	74055	6.9	18.0840	2.2	0.4973	2.5	0.0652	1.2	0.48	407.3	4.7	409.8	8.4	424.3	49.0	407.3	4.7
MAM13-LTA83-54	205	85119	2.6	18.2790	2.3	0.4957	6.7	0.0657	6.3	0.94	410.3	24.9	408.8	22.5	400.3	52.5	410.3	24.9
MAM13-LTA83-35	114	23087	2.1	18.4849	4.9	0.4993	5.1	0.0669	1.6	0.30	417.7	6.3	411.2	17.4	375.1	110.5	417.7	6.3
MAM13-LTA83-75	49	12417	0.7	17.1473	8.0	0.5963	8.4	0.0742	2.7	0.32	461.2	11.8	474.9	31.9	541.7	174.4	461.2	11.8
MAM13-LTA83-2	163	70699	2.7	17.2142	3.4	0.6409	3.7	0.0800	1.5	0.41	496.2	7.2	502.8	14.7	533.2	74.0	496.2	7.2
MAM13-LTA83-33	356	191652	1.7	17.1457	1.1	0.6619	1.7	0.0823	1.3	0.79	509.9	6.6	515.8	6.9	541.9	23.0	509.9	6.6
MAM13-LTA83-30	439	165244	5.0	17.2387	1.1	0.6609	2.2	0.0826	1.9	0.86	511.8	9.2	515.1	8.8	530.1	24.7	511.8	9.2
MAM13-LTA83-68	579	136634	2.2	17.2220	0.8	0.6840	4.8	0.0854	4.8	0.98	528.5	24.1	529.2	19.9	532.2	18.6	528.5	24.1
MAM13-LTA83-79	194	84344	1.3	16.9822	1.9	0.6953	2.7	0.0856	1.9	0.71	529.7	9.8	536.0	11.2	562.8	41.1	529.7	9.8
MAM13-LTA83-53	143	65138	1.1	17.4767	2.9	0.6857	3.9	0.0869	2.6	0.67	537.3	13.4	530.2	16.0	500.0	63.2	537.3	13.4
MAM13-LTA83-13	69	29200	0.6	17.0075	5.3	0.7078	5.6	0.0873	2.0	0.36	539.6	10.6	543.5	23.7	559.6	114.5	539.6	10.6
MAM13-LTA83-56	125	57436	3.0	16.9844	3.9	0.7126	4.5	0.0878	2.4	0.53	542.4	12.4	546.3	19.1	562.6	83.9	542.4	12.4
MAM13-LTA83-1	326	205654	1.2	16.8858	1.3	0.7654	1.6	0.0937	0.9	0.58	577.6	5.0	577.1	6.8	575.2	27.5	577.6	5.0
MAM13-LTA83-43	290	248104	4.6	15.3623	5.1	0.8739	7.0	0.0974	4.8	0.68	599.0	27.2	637.7	32.9	777.4	106.8	599.0	27.2
MAM13-LTA83-84	201	74092	2.8	14.3103	1.6	1.4151	2.6	0.1469	2.1	0.81	883.4	17.7	895.3	15.7	924.8	31.9	924.8	31.9
MAM13-LTA83-5	86	39379	2.7	13.6522	1.7	1.5966	2.1	0.1581	1.1	0.54	946.1	9.7	968.9	12.8	1020.8	35.0	1020.8	35.0
MAM13-LTA83-7	96	39830	4.4	13.0590	1.2	1.7354	7.4	0.1644	7.3	0.99	981.0	66.2	1021.8	47.5	1110.1	23.6	1110.1	23.6
MAM13-LTA83-67	66	17697	3.1	12.9639	2.9	2.0339	4.9	0.1912	3.9	0.80	1128.1	40.1	1126.9	33.0	1124.7	58.3	1124.7	58.3
MAM13-LTA83-29	129	110770	1.0	12.5885	1.0	2.1389	2.3	0.1953	2.0	0.90	1149.9	21.4	1161.5	15.7	1183.1	20.0	1183.1	20.0
MAM13-LTA83-71	1456	235029	2.5	11.2353	0.4	2.7479	2.1	0.2239	2.1	0.98	1302.5	24.3	1341.5	15.7	1404.2	8.6	1404.2	8.6
MAM13-LTA83-8	188	41055	1.6	5.5609	0.2	11.3988	2.1	0.4597	2.1	1.00	2438.4	41.6	2556.3	19.2	2651.3	3.0	2651.3	3.0

Additional analyses to samples published in Fildani et al. (2003)

Pb 2-21-3-25	234	6335	0.8	19.8521	21.1	0.1087	21.5	0.0157	3.7	0.17	100.1	3.7	104.8	21.4	212.2	494.4	100.1	3.7
Pb 2-21-3-7	347	1527	0.5	15.5508	11.0	0.1609	12.4	0.0181	5.9	0.47	115.9	6.7	151.5	17.5	751.7	232.0	115.9	6.7
Pb 2-21-3-17	177	3594	1.1	23.7204	37.0	0.1060	37.5	0.0182	5.8	0.15	116.5	6.6	102.3	36.5	-217.1	959.4	116.5	6.6
Pb 2-21-3-23	258	9099	0.7	20.7090	6.3	0.1268	8.0	0.0191	4.9	0.62	121.7	5.9	121.3	9.1	113.4	148.6	121.7	5.9
Pb 2-21-3-21	98	3861	1.4	21.8517	34.6	0.1319	35.3	0.0209	6.6	0.19	133.3	8.7	125.8	41.7	-14.8	859.6	133.3	8.7
Pb 2-21-3-26	366	7521	1.2	20.3114	6.2	0.1556	6.7	0.0229	2.5	0.37	146.1	3.6	146.8	9.1	159.0	145.1	146.1	3.6
Pb 2-21-3-2	475	19904	0.9	20.8121	5.1	0.1627	6.7	0.0246	4.4	0.65	156.4	6.8	153.1	9.6	101.7	120.3	156.4	6.8
Pb 2-21-3-1	256	8729	0.4	21.5380	10.7	0.2334	11.4	0.0365	4.1	0.36	230.8	9.3	213.0	22.0	20.0	257.2	230.8	9.3
Pb 2-21-3-28	104	12677	0.6	21.2350	17.5	0.2480	17.5	0.0382	1.4	0.08	241.6	3.4	224.9	35.3	53.9	419.1	241.6	3.4
Pb 2-21-3-27	64	4939	1.0	22.1161	26.5	0.2421	27.1	0.0388	5.6	0.20	245.6	13.4	220.1	53.7	-44.0	654.9	245.6	13.4
Pb 2-21-3-16	445	24912	0.7	19.2061	4.4	0.2937	6.8	0.0409	5.2	0.76	258.5	13.1	261.5	15.7	288.3	101.3	258.5	13.1
Pb 2-21-3-5	247	12160	1.7	19.3865	8.3	0.3154	8.5	0.0443	1.5	0.18	279.7	4.2	278.4	20.7	267.0	191.8	279.7	4.2
Pb 2-21-3-15	627	38539	1.1	19.2647	2.4	0.3280	3.0	0.0458	1.8	0.61	288.9	5.2	288.0	7.6	281.4	55.1	288.9	5.2
Pb 2-21-3-13	407	6524	1.5	20.8178	4.0	0.3190	4.1	0.0482	1.0	0.24	303.2	2.8	281.1	10.0	101.1	93.5	303.2	2.8
Pb 2-21-3-11	281	29744	1.1	18.3430	2.2	0.4803	2.7	0.0639	1.6	0.58	399.3	6.1	398.3	8.9	392.4	49.3	399.3	6.1
Pb 2-21-3-6	402	22098	2.1	18.2611	2.2	0.5094	3.0	0.0675	2.1	0.69	420.9	8.5	418.1	10.3	402.5	48.9	420.9	8.5
Pb 2-21-3-10	868	172335	0.9	17.5587	1.1	0.6017	2.0	0.0766	1.6	0.82	476.0	7.4	478.3	7.5	489.7	25.0	476.0	7.4
Pb 2-21-3-20	311	47489	1.7	16.8454	2.1	0.7379	2.2	0.0902	0.9	0.40	556.4	4.8	561.2	9.7	580.4	44.7	556.4	4.8
Pb 2-21-3-4	346	81800	0.6	13.3817	1.5	1.8640	9.2	0.1809	9.1	0.99	1071.9	89.4	1068.4	60.8	1061.2	31.0	1061.2	31.0
Pb 2-21-3-18	106	16480	2.8	12.9695	2.7	2.0973	3.4	0.1973	2.1	0.61	1160.7	22.0	1147.9	23.2	1123.9	53.2	1123.9	53.2

Pb 3-5-3-23	620	11246	0.6	21.4181	5.6	0.1062	5.9	0.0165	1.7	0.30	105.5	1.8	102.5	5.8	33.4	135.1	105.5	1.8
Pb 3-5-3-9	417	8453	1.0	21.1360	7.3	0.1103	8.6	0.0169	4.5	0.52	108.1	4.8	106.3	8.7	65.0	175.0	108.1	4.8
Pb 3-5-3-21	507	8782	1.3	19.8882	9.3	0.1198	9.5	0.0173	1.6	0.17	110.4	1.7	114.9	10.3	208.0	216.7	110.4	1.7
Pb 3-5-3-12	132	9690	1.1	27.0799	37.8	0.0881	38.1	0.0173	5.0	0.13	110.6	5.4	85.8	31.4	-561.8	1050.6	110.6	5.4
Pb 3-5-3-22	405	6084	0.7	20.8165	12.5	0.1147	12.6	0.0173	1.9	0.15	110.7	2.1	110.3	13.2	101.2	296.7	110.7	2.1
Pb 3-5-3-6	991	8159	0.9	19.7619	6.0	0.1211	6.3	0.0174	1.8	0.28	110.9	1.9	116.1	6.9	222.8	139.5	110.9	1.9
Pb 3-5-3-24	1276	20354	2.5	20.1666	2.1	0.1192	5.0	0.0174	4.5	0.91	111.4	5.0	114.3	5.4	175.7	48.8	111.4	5.0
Pb 3-5-3-13	3165	31042	0.3	20.6148	1.6	0.1169	1.8	0.0175	0.8	0.44	111.7	0.9	112.3	1.9	124.1	38.4	111.7	0.9
Pb 3-5-3-2	1199	25712	1.3	20.2964	4.2	0.1192	4.8	0.0175	2.3	0.49	112.1	2.6	114.3	5.2	160.7	98.1	112.1	2.6
Pb 3-5-3-25	1247	42046	1.3	20.2919	1.8	0.1203	2.1	0.0177	0.9	0.45	113.1	1.0	115.3	2.2	161.2	43.2	113.1	1.0
Pb 3-5-3-10	375	9898	1.2	21.2071	12.5	0.1160	13.0	0.0178	3.5	0.27	114.0	3.9	111.5	13.7	57.0	299.9	114.0	3.9
Pb 3-5-3-20	702	20822	1.4	20.9245	3.9	0.1187	4.4	0.0180	2.0	0.46	115.1	2.3	113.9	4.8	89.0	93.3	115.1	2.3
Pb 3-5-3-19	461	5774	0.7	21.0188	8.2	0.1191	11.4	0.0181	8.0	0.70	116.0	9.2	114.2	12.3	78.2	194.7	116.0	9.2
Pb 3-5-3-3	239	3880	1.6	21.9472	21.0	0.1157	21.2	0.0184	2.8	0.13	117.6	3.2	111.1	22.3	-25.4	514.5	117.6	3.2
Pb 3-5-3-4	1074	14165	1.6	20.2072	3.2	0.1270	4.3	0.0186	2.9	0.68	118.9	3.5	121.4	5.0	171.0	74.7	118.9	3.5
Pb 3-5-3-18	248	10189	1.5	19.3970	20.1	0.1356	20.7	0.0191	5.0	0.24	121.8	6.0	129.1	25.1	265.7	464.5	121.8	6.0
Pb 3-5-3-17	685	16989	0.3	20.6339	4.9	0.1292	5.4	0.0193	2.2	0.41	123.4	2.7	123.3	6.3	122.0	116.1	123.4	2.7
Pb 3-5-3-15	792	78125	2.8	18.8518	1.6	0.3326	2.1	0.0455	1.3	0.63	286.6	3.8	291.5	5.4	330.8	37.3	286.6	3.8
Pb 3-5-3-16	348	54695	9.3	17.2018	1.5	0.7276	1.8	0.0908	0.9	0.50	560.1	4.7	555.2	7.6	534.8	33.9	560.1	4.7

Pb 3-11-3-10	1662	31830	2.4	20.6666	2.4	0.0986	2.7	0.0148	1.2	0.44	94.6	1.1	95.5	2.4	118.2	57.0	94.6	1.1
Pb 3-11-3-8	101	1844	1.1	12.7372	73.7	0.1650	74.1	0.0152	7.9	0.11	97.5	7.6	155.0	107.0	1159.8	1753.3	97.5	7.6
Pb 3-11-3-20	1030	14412	1.6	17.9664	15.1	0.1175	16.1	0.0153	5.6	0.35	97.9	5.5	112.8	17.2	438.8	338.1	97.9	5.5
Pb 3-11-3-16	99	2407	1.6	21.2520	29.6	0.0997	30.3	0.0154	6.4	0.21	98.3	6.2	96.5	27.9	52.0	720.7	98.3	6.2
Pb 3-11-3-21	151	3474	0.7	18.9019	30.8	0.1128	31.1	0.0155	4.4	0.14	98.9	4.4	108.5	32.1	324.7	715.1	98.9	4.4
Pb 3-11-3-5	169	5066	1.4	21.4799	17.2	0.1168	18.0	0.0182	5.4	0.30	116.2	6.2	112.2	19.1	26.5	415.3	116.2	6.2
Pb 3-11-3-3	104	3360	1.1	20.3211	30.5	0.1363	32.0	0.0201	9.8	0.31	128.2	12.4	129.7	39.0	157.9	728.9	128.2	12.4
Pb 3-11-3-22	284	7668	1.7	20.5480	5.8	0.1596	6.2	0.0238	2.2	0.35	151.5	3.2	150.3	8.6	131.8	135.8	151.5	3.2

Pb 3-11-3-26	58	3347	1.1	13.4493	37.8	0.3628	38.5	0.0354	7.1	0.18	224.2	15.6	314.3	104.4	1051.1	791.1	224.2	15.6
Pb 3-11-3-13	140	7936	1.9	18.2975	11.8	0.3419	12.0	0.0454	2.0	0.17	286.1	5.6	298.6	31.1	398.0	266.3	286.1	5.6
Pb 3-11-3-28	162	9576	1.0	20.1073	5.7	0.3309	6.1	0.0483	2.3	0.38	303.8	6.9	290.2	15.5	182.5	132.4	303.8	6.9
Pb 3-11-3-27	272	15138	7.0	17.9995	3.5	0.4263	4.6	0.0557	3.0	0.65	349.1	10.3	360.6	14.1	434.7	78.4	349.1	10.3
Pb 3-11-3-17	183	28373	2.5	16.0195	1.8	0.8986	3.3	0.1044	2.7	0.83	640.2	16.5	651.0	15.6	688.7	38.4	640.2	16.5
Pb 3-11-3-23	296	42836	1.2	16.5655	2.8	0.8738	3.4	0.1050	2.0	0.58	643.6	12.3	637.6	16.3	616.7	60.6	643.6	12.3
Pb 3-11-3-18	665	70067	1.3	13.7092	0.4	1.7229	1.2	0.1713	1.2	0.95	1019.3	11.0	1017.1	7.9	1012.4	8.1	1012.4	8.1
Pb 3-11-3-12	197	23186	1.0	4.2800	0.2	18.4131	1.5	0.5716	1.5	0.99	2914.2	35.9	3011.6	14.9	3077.2	3.8	3077.2	3.8