

## Supplimentary Table 1

<sup>230</sup>Th dating results. The error is 2σ error.

Sample	<sup>238</sup> U	<sup>232</sup> Th	<sup>230</sup> Th / <sup>232</sup> Th	δ <sup>234</sup> U*	<sup>230</sup> Th / <sup>238</sup> U	<sup>230</sup> Th Age (yr)	<sup>230</sup> Th Age (yr)	δ <sup>234</sup> U <sub>initial</sub> **	<sup>230</sup> Th Age (yr BP)***	Depth
Number	(ppb)	(ppt)	(atomic x10 <sup>-6</sup> )	(measured)	(activity)	(uncorrected)	(corrected)	(corrected)	(corrected)	(mm)
<b>ML.1</b>										
<b>ML.1.1F</b>	6106 ±6	164 ±7	15438 ±623	-274.2 ±0.9	0.0251 ±0.0001	3842 ±14	<b>3841 ±14</b>	-277 ±1	<b>3779 ±14</b>	0.0
<b>ML.1.2F</b>	6222 ±6	123 ±5	21307 ±923	-272.3 ±0.9	0.0256 ±0.0001	3917 ±13	<b>3917 ±13</b>	-275 ±1	<b>3855 ±13</b>	8.0
<b>ML.1.3F</b>	6981 ±9	72 ±4	41044 ±2405	-271.8 ±1.0	0.0257 ±0.0001	3923 ±12	<b>3923 ±12</b>	-275 ±1	<b>3861 ±12</b>	19.5
<b>ML.1.4F</b>	6378 ±7	170 ±6	15970 ±558	-270.3 ±0.9	0.0258 ±0.0001	3939 ±14	<b>3938 ±14</b>	-273 ±1	<b>3876 ±14</b>	14.0
<b>ML.1.5F</b>	6674 ±8	111 ±4	25633 ±1013	-271.5 ±0.9	0.0259 ±0.0001	3949 ±11	<b>3948 ±11</b>	-275 ±1	<b>3886 ±11</b>	24.0
<b>ML.1.6F</b>	7702 ±10	189 ±5	17441 ±480	-270.1 ±1.0	0.0260 ±0.0001	3965 ±11	<b>3964 ±11</b>	-273 ±1	<b>3902 ±11</b>	27.0
<b>ML.1.7F</b>	6455 ±7	90 ±6	30604 ±1932	-270.7 ±0.9	0.0260 ±0.0001	3968 ±14	<b>3968 ±14</b>	-274 ±1	<b>3906 ±14</b>	29.0
<b>ML.1.8F</b>	6144 ±7	153 ±5	17263 ±583	-270.3 ±1.0	0.0261 ±0.0001	3979 ±12	<b>3978 ±13</b>	-273 ±1	<b>3916 ±13</b>	30.5
<b>ML.1.9F</b>	6363 ±7	122 ±6	22597 ±1095	-270.0 ±1.0	0.0262 ±0.0001	3990 ±15	<b>3989 ±15</b>	-273 ±1	<b>3927 ±15</b>	31.5
<b>ML.1.10F</b>	6825 ±9	778 ±16	3820.1 ±79.3	-271.5 ±1.0	0.0264 ±0.0001	4035 ±12	<b>4031 ±12</b>	-275 ±1	<b>3969 ±12</b>	33.5
<b>ML.1-9a</b>	6395 ±6	154 ±5	18296 ±560	-268.7 ±0.9	0.0267 ±0.0001	4070 ±13	<b>4069 ±13</b>	-272 ±1	<b>4007 ±13</b>	41.0
<b>ML.1-10a</b>	7574 ±8	132 ±4	25809 ±787	-267.8 ±0.9	0.0272 ±0.0001	4139 ±12	<b>4138 ±12</b>	-271 ±1	<b>4076 ±12</b>	58.0
<b>ML.1-11a</b>	6744 ±6	52 ±3	60220 ±3808	-266.2 ±0.8	0.0279 ±0.0001	4240 ±11	<b>4240 ±11</b>	-269 ±1	<b>4178 ±11</b>	77.0
<b>ML.1-12a</b>	7716 ±8	73 ±3	50091 ±1925	-265.1 ±0.9	0.0286 ±0.0001	4337 ±11	<b>4336 ±11</b>	-268 ±1	<b>4274 ±11</b>	88.0
<b>ML.1-13a</b>	7881 ±9	127 ±4	29647 ±987	-262.9 ±1.1	0.0290 ±0.0001	4387 ±13	<b>4386 ±13</b>	-266 ±1	<b>4324 ±13</b>	105.0
<b>ML.1-14a</b>	6452 ±9	77 ±2	40591 ±1297	-263.8 ±1.1	0.0294 ±0.0001	4451 ±14	<b>4451 ±14</b>	-267 ±1	<b>4389 ±14</b>	113.0
<b>ML.1-15a</b>	7392 ±10	108 ±3	33218 ±885	-263.4 ±1.0	0.0294 ±0.0001	4456 ±11	<b>4456 ±11</b>	-267 ±1	<b>4394 ±11</b>	121.0
<b>ML.1-16a</b>	6970 ±9	441 9	7748 165	-263.5 1.0	0.0297 ±0.0001	4501 ±12	<b>4499 ±12</b>	-267 ±1	<b>4437 ±12</b>	125.0

<b>ML.2</b>										
<b>ML.2-7</b>	6633 ±9	52 ±3	48580 ±2864	-277.0 ±1.1	0.0231 ±0.0001	3542 ±16	<b>3541 ±16</b>	-280 ±1	<b>3479 ±16</b>	3.0
<b>ML.2-8</b>	6173 ±7	78 ±3	33034 ±1421	-272.6 ±1.0	0.0254 ±0.0001	3891 ±13	<b>3891 ±13</b>	-276 ±1	<b>3829 ±13</b>	13.5
<b>ML.2-9</b>	7121 ±8	134 ±4	24733 ±713	-266.0 ±1.0	0.0282 ±0.0001	4277 ±13	<b>4276 ±13</b>	-269 ±1	<b>4214 ±13</b>	41.0
<b>ML.2-10</b>	6085 ±6	2953 ±59	1015.4 ±20.6	-262.1 ±1.0	0.0299 ±0.0001	4519 ±16	<b>4500 ±21</b>	-265 ±1	<b>4438 ±21</b>	67.0
<b>ML.2-9a</b>	6278 ±6	106 ±4	29981 ±1225	-257.5 ±1.0	0.0306 ±0.0001	4603 ±17	<b>4603 ±17</b>	-261 ±1	<b>4541 ±17</b>	76.0

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\* $\delta^{234}\text{U} = ([^{234}\text{U}/^{238}\text{U}]_{\text{activity}} - 1) \times 1000$ . \*\*  $\delta^{234}\text{U}_{\text{initial}}$  was calculated based on  $^{230}\text{Th}$  age (T), i.e.,  $\delta^{234}\text{U}_{\text{initial}} = \delta^{234}\text{U}_{\text{measured}} \times e^{\lambda^{234}\text{U}T}$ .

Corrected  $^{230}\text{Th}$  ages assume the initial  $^{230}\text{Th}/^{232}\text{Th}$  atomic ratio of  $4.4 \pm 2.2 \times 10^{-6}$ . Those are the values for a material at secular equilibrium, with the bulk earth  $^{232}\text{Th}/^{238}\text{U}$  value of 3.8. The errors are arbitrarily assumed to be 50%.

\*\*\*B.P. stands for "Before Present" where the "Present" is defined as the year 1950 A.D.

**Supplimentary Table 2**

Depth (mm)	ML.1			$\delta^{18}\text{O}$
	Copra_AgeModel	iscam_AgeModel	Bchron_AgeModel	
0.000	3778.69	3759	3786	-5.64
0.050	3779.30	3760	3787	-5.64
0.100	3779.91	3761	3788	-5.58
0.150	3780.52	3762	3788	-5.51
0.200	3781.13	3763	3789	-5.45
0.250	3781.74	3764	3789	-5.56
0.300	3782.35	3765	3790	-5.44
0.350	3782.95	3766	3790	-5.42
0.400	3783.56	3767	3790	-5.48
0.450	3784.16	3768	3791	-5.52
0.500	3784.76	3769	3791	-5.57
0.550	3785.37	3770	3792	-5.62
0.600	3785.96	3771	3792	-5.55
0.650	3786.56	3772	3792	-5.54
0.700	3787.16	3773	3793	-5.54
0.750	3787.76	3774	3793	-5.54
0.800	3788.35	3774	3793	-5.61
0.850	3788.94	3775	3794	-5.57
0.900	3789.53	3776	3794	-5.56
0.950	3790.12	3777	3794	-5.64
1.000	3790.71	3778	3795	-5.64
1.050	3791.30	3779	3795	-5.67
1.100	3791.88	3780	3795	-5.74
1.150	3792.47	3781	3796	-5.72
1.200	3793.05	3782	3796	-5.52
1.250	3793.63	3783	3796	-5.48
1.300	3794.21	3784	3797	-5.46
1.350	3794.78	3785	3797	-5.39
1.400	3795.36	3786	3797	-5.39
1.450	3795.93	3787	3798	-5.41
1.500	3796.51	3788	3798	-5.48
1.550	3797.08	3789	3798	-5.5
1.600	3797.64	3790	3799	-5.49
1.650	3798.21	3791	3799	-5.46
1.700	3798.78	3791	3799	-5.51
1.750	3799.34	3792	3799	-5.49
1.800	3799.90	3793	3800	-5.35
1.850	3800.46	3794	3800	-5.39
1.900	3801.02	3795	3801	-5.46
1.950	3801.57	3796	3801	-5.4
2.000	3802.12	3797	3801	-5.48
2.050	3802.68	3798	3802	-5.58
2.100	3803.22	3799	3802	-5.48
2.150	3803.77	3800	3802	-5.51
2.200	3804.32	3800	3803	-5.54

2.250	3804.86	3801	3803	-5.5
2.300	3805.40	3802	3803	-5.73
2.350	3805.94	3803	3804	-5.81
2.400	3806.48	3804	3804	-5.85
2.450	3807.01	3805	3804	-5.84
2.500	3807.54	3806	3804	-5.89
2.550	3808.07	3807	3804	-5.88
2.600	3808.60	3807	3805	-5.74
2.650	3809.13	3808	3805	-5.8
2.700	3809.65	3809	3805	-5.77
2.750	3810.17	3810	3806	-5.61
2.800	3810.69	3811	3806	-5.72
2.850	3811.21	3812	3806	-5.85
2.900	3811.72	3812	3807	-5.78
2.950	3812.23	3813	3807	-5.83
3.000	3812.74	3814	3807	-5.93
3.050	3813.25	3815	3807	-5.94
3.100	3813.75	3816	3808	-5.72
3.150	3814.26	3816	3808	-5.68
3.200	3814.76	3817	3808	-5.9
3.250	3815.25	3818	3808	-5.95
3.300	3815.75	3819	3809	-5.74
3.350	3816.24	3820	3809	-5.55
3.400	3816.73	3820	3809	-5.74
3.450	3817.22	3821	3809	-5.86
3.500	3817.70	3822	3810	-5.64
3.550	3818.18	3823	3810	-5.51
3.600	3818.66	3823	3810	-5.69
3.650	3819.14	3824	3810	-5.77
3.700	3819.61	3825	3811	-5.52
3.750	3820.08	3826	3811	-5.49
3.800	3820.55	3826	3811	-5.66
3.850	3821.01	3827	3811	-5.58
3.900	3821.47	3828	3812	-5.51
3.950	3821.93	3829	3812	-5.66
4.000	3822.39	3829	3812	-5.62
4.050	3822.84	3830	3812	-5.68
4.100	3823.29	3831	3813	-5.65
4.150	3823.74	3831	3813	-5.8
4.200	3824.19	3832	3813	-5.82
4.250	3824.63	3833	3814	-5.89
4.300	3825.07	3833	3814	-5.88
4.350	3825.50	3834	3814	-5.74
4.400	3825.93	3835	3814	-5.7
4.450	3826.36	3835	3815	-5.74
4.500	3826.79	3836	3815	-5.56
4.550	3827.21	3837	3815	-5.61
4.600	3827.63	3837	3816	-5.57

4.650	3828.05	3838	3816	-5.42
4.700	3828.47	3839	3816	-5.57
4.750	3828.88	3839	3816	-5.47
4.800	3829.28	3840	3817	-5.5
4.850	3829.69	3840	3817	-5.72
4.900	3830.09	3841	3817	-5.74
4.950	3830.49	3842	3817	-5.65
5.000	3830.88	3842	3818	-5.89
5.050	3831.27	3843	3818	-5.92
5.100	3831.66	3843	3818	-5.68
5.150	3832.04	3844	3819	-5.82
5.200	3832.43	3845	3819	-6.02
5.250	3832.80	3845	3819	-5.9
5.300	3833.18	3846	3820	-5.71
5.350	3833.55	3846	3820	-5.85
5.400	3833.92	3847	3820	-5.97
5.450	3834.28	3847	3820	-5.9
5.500	3834.64	3848	3821	-5.83
5.550	3835.00	3848	3821	-5.75
5.600	3835.35	3849	3821	-5.97
5.650	3835.70	3849	3822	-6.1
5.700	3836.04	3850	3822	-5.97
5.750	3836.39	3850	3822	-5.77
5.800	3836.72	3851	3822	-5.8
5.850	3837.06	3851	3823	-5.93
5.900	3837.39	3852	3823	-5.79
5.950	3837.72	3852	3823	-5.67
6.000	3838.04	3853	3824	-5.74
6.050	3838.36	3853	3824	-5.71
6.100	3838.68	3853	3824	-5.64
6.150	3838.99	3854	3825	-5.65
6.200	3839.30	3854	3825	-5.7
6.250	3839.60	3855	3825	-5.64
6.300	3839.90	3855	3825	-5.65
6.350	3840.20	3855	3826	-5.7
6.400	3840.49	3856	3826	-5.69
6.450	3840.78	3856	3826	-5.54
6.500	3841.06	3857	3827	-5.55
6.550	3841.34	3857	3827	-5.45
6.600	3841.62	3857	3827	-5.39
6.650	3841.89	3858	3827	-5.36
6.700	3842.16	3858	3828	-5.26
6.750	3842.42	3858	3828	-5.17
6.800	3842.68	3859	3829	-5.2
6.850	3842.94	3859	3829	-5.19
6.900	3843.19	3859	3829	-5.21
6.950	3843.44	3859	3830	-5.35
7.000	3843.68	3860	3830	-5.39

7.050	3843.92	3860	3830	-5.48
7.100	3844.16	3860	3830	-5.54
7.150	3844.39	3861	3831	-5.51
7.200	3844.61	3861	3831	-5.84
7.250	3844.84	3861	3832	-5.74
7.300	3845.05	3861	3832	-5.67
7.350	3845.27	3861	3832	-5.69
7.400	3845.48	3862	3833	-5.69
7.450	3845.68	3862	3833	-5.61
7.500	3845.88	3862	3834	-5.52
7.550	3846.08	3862	3834	-5.5
7.600	3846.27	3862	3834	-6.11
7.650	3846.45	3863	3835	-5.48
7.700	3846.63	3863	3835	-5.47
7.750	3846.81	3863	3835	-5.57
7.800	3846.99	3863	3836	-5.65
7.850	3847.15	3863	3837	-5.7
7.900	3847.32	3863	3837	-5.6
7.950	3847.48	3863	3838	-5.68
8.000	3847.63	3863	3839	-5.64
8.050	3847.78	3863	3839	-5.69
8.100	3847.93	3864	3840	-5.69
8.150	3848.08	3864	3840	-5.6
8.200	3848.23	3864	3840	-5.76
8.250	3848.38	3864	3841	-5.62
8.300	3848.53	3864	3841	-5.56
8.350	3848.67	3864	3841	-5.45
8.400	3848.82	3864	3841	-5.57
8.450	3848.96	3864	3841	-5.51
8.500	3849.11	3864	3841	-5.51
8.550	3849.25	3864	3842	-5.66
8.600	3849.39	3864	3842	-5.73
8.650	3849.53	3864	3842	-5.72
8.700	3849.67	3864	3842	-5.85
8.750	3849.81	3865	3842	-5.9
8.800	3849.95	3865	3842	-5.9
8.850	3850.09	3865	3842	-5.91
8.900	3850.23	3865	3843	-5.93
8.950	3850.36	3865	3843	-5.93
9.000	3850.50	3865	3843	-5.91
9.050	3850.63	3865	3843	-5.76
9.100	3850.77	3865	3843	-5.76
9.150	3850.90	3865	3843	-5.87
9.200	3851.03	3865	3843	-5.83
9.250	3851.17	3865	3844	-5.8
9.300	3851.30	3865	3844	-5.97
9.350	3851.43	3865	3844	-5.8
9.400	3851.56	3865	3844	-5.72

9.450	3851.69	3865	3844	-5.7
9.500	3851.81	3865	3845	-5.77
9.550	3851.94	3865	3845	-5.76
9.600	3852.07	3865	3845	-5.61
9.650	3852.19	3866	3845	-5.53
9.700	3852.32	3866	3845	-5.58
9.750	3852.44	3866	3845	-5.49
9.800	3852.57	3866	3845	-5.59
9.850	3852.69	3866	3845	-5.64
9.900	3852.81	3866	3845	-5.56
9.950	3852.93	3866	3846	-5.67
10.000	3853.06	3866	3846	-5.66
10.050	3853.18	3866	3846	-5.55
10.100	3853.30	3866	3846	-5.5
10.150	3853.41	3866	3846	-5.65
10.200	3853.53	3866	3846	-5.8
10.250	3853.65	3866	3846	-5.74
10.300	3853.77	3866	3846	-5.71
10.350	3853.88	3866	3847	-5.75
10.400	3854.00	3866	3847	-5.94
10.450	3854.11	3866	3847	-5.78
10.500	3854.23	3866	3847	-5.25
10.550	3854.34	3866	3847	-5.58
10.600	3854.46	3866	3847	-5.72
10.650	3854.57	3866	3847	-5.84
10.700	3854.68	3866	3847	-5.82
10.750	3854.79	3866	3848	-5.75
10.800	3854.90	3866	3848	-5.64
10.850	3855.01	3867	3848	-5.71
10.900	3855.12	3867	3848	-5.72
10.950	3855.23	3867	3848	-5.59
11.000	3855.34	3867	3848	-5.6
11.050	3855.45	3867	3848	-5.78
11.100	3855.56	3867	3848	-5.75
11.150	3855.66	3867	3849	-5.79
11.200	3855.77	3867	3849	-5.7
11.250	3855.87	3867	3849	-5.85
11.300	3855.98	3867	3849	-5.93
11.350	3856.08	3867	3849	-5.79
11.400	3856.19	3867	3849	-5.74
11.450	3856.29	3867	3849	-5.63
11.500	3856.39	3867	3850	-5.68
11.550	3856.50	3867	3850	-5.64
11.600	3856.60	3867	3850	-5.62
11.650	3856.70	3867	3850	-5.62
11.700	3856.80	3867	3850	-5.62
11.750	3856.90	3867	3850	-5.57
11.800	3857.00	3867	3850	-5.66

11.850	3857.10	3867	3851	-5.56
11.900	3857.20	3867	3851	-5.63
11.950	3857.30	3867	3851	-5.63
12.000	3857.40	3867	3851	-5.81
12.050	3857.50	3867	3851	-5.77
12.100	3857.59	3867	3851	-5.76
12.150	3857.69	3867	3851	-5.66
12.200	3857.79	3867	3852	-5.64
12.250	3857.88	3867	3852	-5.7
12.300	3857.98	3868	3852	-5.78
12.350	3858.07	3868	3852	-5.83
12.400	3858.17	3868	3852	-5.94
12.450	3858.26	3868	3852	-5.91
12.500	3858.35	3868	3852	-5.8
12.550	3858.45	3868	3853	-5.8
12.600	3858.54	3868	3853	-5.94
12.650	3858.63	3868	3853	-5.87
12.700	3858.73	3868	3853	-5.9
12.750	3858.82	3868	3853	-5.84
12.800	3858.91	3868	3853	-5.95
12.850	3859.00	3868	3853	-5.94
12.900	3859.09	3868	3853	-5.88
12.950	3859.18	3868	3853	-5.93
13.000	3859.27	3868	3854	-5.9
13.050	3859.36	3868	3854	-5.81
13.100	3859.45	3868	3854	-5.72
13.150	3859.54	3868	3854	-5.91
13.200	3859.63	3868	3854	-5.92
13.250	3859.71	3868	3854	-5.77
13.300	3859.80	3868	3854	-5.69
13.350	3859.89	3868	3854	-5.8
13.400	3859.98	3869	3855	-5.88
13.450	3860.06	3869	3855	-5.78
13.500	3860.15	3869	3855	-5.64
13.550	3860.24	3869	3855	-5.89
13.600	3860.32	3869	3855	-5.75
13.650	3860.41	3869	3856	-5.68
13.700	3860.49	3869	3856	-5.87
13.750	3860.58	3869	3856	-5.88
13.800	3860.66	3869	3856	-5.75
13.850	3860.75	3869	3857	-5.69
13.900	3860.83	3869	3857	-5.81
13.950	3860.92	3869	3857	-5.6
14.000	3861.00	3869	3858	-5.47
14.050	3861.08	3869	3858	-5.5
14.100	3861.17	3869	3858	-5.44
14.150	3861.26	3869	3858	-5.44
14.200	3861.35	3870	3859	-5.59



14.250	3861.44	3870	3859	-5.44
14.300	3861.54	3870	3859	-5.45
14.350	3861.63	3870	3859	-5.5
14.400	3861.73	3870	3860	-5.46
14.450	3861.83	3870	3860	-5.63
14.500	3861.93	3870	3860	-5.61
14.550	3862.03	3870	3860	-5.56
14.600	3862.14	3870	3860	-5.57
14.650	3862.24	3870	3860	-5.51
14.700	3862.35	3870	3861	-5.58
14.750	3862.46	3870	3861	-5.54
14.800	3862.57	3870	3861	-5.71
14.850	3862.68	3871	3861	-5.74
14.900	3862.79	3871	3861	-5.64
14.950	3862.91	3871	3861	-5.58
15.000	3863.02	3871	3862	-5.85
15.050	3863.14	3871	3862	-5.76
15.100	3863.26	3871	3862	-5.94
15.150	3863.38	3871	3862	-5.99
15.200	3863.50	3871	3862	-6.06
15.250	3863.62	3871	3862	-5.91
15.300	3863.74	3871	3862	-6.16
15.350	3863.86	3871	3862	-6.09
15.400	3863.99	3871	3863	-5.85
15.450	3864.12	3872	3863	-5.82
15.500	3864.24	3872	3863	-5.9
15.550	3864.37	3872	3863	-5.86
15.600	3864.50	3872	3863	-5.7
15.650	3864.63	3872	3863	-5.72
15.700	3864.76	3872	3863	-5.9
15.750	3864.89	3872	3863	-5.81
15.800	3865.02	3872	3864	-5.58
15.850	3865.15	3872	3864	-5.84
15.900	3865.29	3872	3864	-5.82
15.950	3865.42	3872	3864	-5.64
16.000	3865.55	3873	3864	-5.57
16.050	3865.69	3873	3864	-5.94
16.100	3865.83	3873	3864	-6.03
16.150	3865.96	3873	3864	-5.86
16.200	3866.10	3873	3864	-5.62
16.250	3866.23	3873	3865	-5.77
16.300	3866.37	3873	3865	-6
16.350	3866.51	3873	3865	-5.82
16.400	3866.65	3873	3865	-5.64
16.450	3866.79	3873	3865	-5.81
16.500	3866.93	3874	3865	-6.07
16.550	3867.06	3874	3865	-5.84
16.600	3867.20	3874	3865	-5.64

16.650	3867.34	3874	3866	-5.84
16.700	3867.48	3874	3866	-6.05
16.750	3867.62	3874	3866	-5.74
16.800	3867.76	3874	3866	-5.61
16.850	3867.90	3874	3866	-5.7
16.900	3868.04	3874	3866	-5.81
16.950	3868.18	3875	3866	-5.68
17.000	3868.32	3875	3866	-5.38
17.050	3868.46	3875	3867	-5.54
17.100	3868.60	3875	3867	-5.71
17.150	3868.74	3875	3867	-5.59
17.200	3868.88	3875	3867	-5.51
17.250	3869.01	3875	3867	-5.68
17.300	3869.15	3875	3867	-5.7
17.350	3869.29	3875	3867	-5.59
17.400	3869.43	3876	3867	-5.5
17.450	3869.56	3876	3868	-5.62
17.500	3869.70	3876	3868	-5.57
17.550	3869.84	3876	3868	-5.59
17.600	3869.97	3876	3868	-5.59
17.650	3870.11	3876	3868	-5.6
17.700	3870.24	3876	3868	-5.63
17.750	3870.38	3876	3868	-5.79
17.800	3870.51	3877	3868	-5.91
17.850	3870.64	3877	3868	-5.66
17.900	3870.78	3877	3869	-5.54
17.950	3870.91	3877	3869	-5.62
18.000	3871.04	3877	3869	-5.92
18.100	3871.30	3877	3869	-5.7
18.150	3871.42	3877	3869	-5.15
18.200	3871.55	3877	3869	-6.04
18.250	3871.68	3878	3870	-5.98
18.300	3871.80	3878	3870	-5.85
18.350	3871.92	3878	3870	-6.18
18.400	3872.05	3878	3870	-6.21
18.450	3872.17	3878	3870	-6.01
18.500	3872.29	3878	3870	-5.36
18.550	3872.41	3878	3870	-5.92
18.600	3872.53	3878	3871	-5.74
18.650	3872.65	3879	3871	-5.76
18.700	3872.76	3879	3871	-6.14
18.750	3872.88	3879	3871	-5.84
18.850	3873.10	3879	3871	-5.85
19.150	3873.74	3880	3873	-6.24
19.250	3873.94	3880	3873	-5.8
19.350	3874.14	3880	3873	-5.99
19.450	3874.32	3881	3874	-5.7
19.550	3874.50	3881	3875	-6.13

19.750	3874.89	3882	3876	-6.04
19.850	3875.09	3882	3876	-5.85
19.950	3875.31	3882	3877	-6.24
20.050	3875.53	3883	3877	-5.86
20.150	3875.75	3883	3877	-6.03
20.350	3876.23	3884	3878	-5.96
20.550	3876.72	3885	3879	-5.92
20.650	3876.98	3885	3879	-5.99
20.950	3877.78	3886	3880	-5.97
21.050	3878.05	3887	3880	-5.83
21.350	3878.90	3888	3881	-5.89
21.450	3879.19	3889	3881	-5.95
21.550	3879.48	3889	3881	-5.89
21.750	3880.06	3890	3882	-5.74
21.850	3880.35	3891	3882	-6.04
21.950	3880.65	3891	3882	-5.75
22.050	3880.95	3892	3882	-5.99
22.150	3881.24	3892	3882	-5.66
22.350	3881.84	3893	3883	-5.97
22.450	3882.13	3893	3883	-5.91
22.550	3882.43	3894	3884	-5.75
22.650	3882.72	3894	3884	-5.09
22.750	3883.01	3894	3884	-4.94
22.850	3883.30	3895	3884	-5.73
22.950	3883.59	3895	3885	-5.99
23.050	3883.87	3895	3885	-6.17
23.150	3884.15	3896	3885	-5.9
23.350	3884.71	3896	3886	-5.62
23.550	3885.24	3896	3887	-5.9
23.750	3885.76	3897	3887	-6.17
23.950	3886.26	3897	3888	-5.79
24.050	3886.50	3897	3889	-5.6
24.150	3886.77	3897	3890	-5.76
24.250	3887.06	3897	3890	-5.89
24.550	3888.09	3897	3891	-5.73
24.650	3888.47	3897	3892	-5.8
24.750	3888.88	3897	3892	-6.05
24.850	3889.30	3897	3892	-5.67
24.950	3889.73	3897	3893	-5.89
25.050	3890.17	3897	3893	-5.77
25.150	3890.63	3897	3893	-5.68
25.250	3891.10	3897	3894	-5.52
25.350	3891.57	3897	3894	-5.83
25.450	3892.05	3897	3895	-5.91
25.550	3892.53	3897	3895	-5.56
25.650	3893.01	3897	3895	-6.02
25.750	3893.49	3897	3896	-5.92
25.850	3893.97	3897	3896	-5.91

25.950	3894.45	3897	3896	-6.07
26.000	3894.69	3897	3897	-5.59
26.100	3895.15	3897	3897	-5.9
26.200	3895.61	3897	3897	-6
26.300	3896.06	3897	3898	-5.65
26.400	3896.50	3897	3898	-6.14
26.500	3896.92	3897	3898	-5.76
26.600	3897.33	3897	3899	-5.89
26.700	3897.72	3897	3899	-5.95
26.800	3898.10	3897	3900	-5.47
26.900	3898.45	3897	3901	-5.63
27.000	3898.77	3897	3901	-5.45
27.100	3899.11	3897	3902	-5.51
27.200	3899.48	3897	3903	-5.51
27.300	3899.88	3898	3903	-5.66
27.400	3900.31	3898	3904	-5.63
27.500	3900.76	3899	3904	-5.34
27.600	3901.23	3900	3905	-5.32
27.700	3901.72	3901	3906	-5.53
27.800	3902.23	3902	3906	-5.61
27.900	3902.74	3903	3906	-5.49
28.000	3903.27	3904	3907	-5.48
28.100	3903.80	3905	3907	-5.42
28.200	3904.33	3906	3908	-5.65
28.300	3904.86	3908	3908	-5.92
28.400	3905.38	3909	3909	-5.97
28.500	3905.90	3910	3909	-5.88
28.600	3906.41	3912	3910	-5.85
28.700	3906.90	3913	3910	-5.89
28.800	3907.37	3914	3911	-5.93
28.900	3907.82	3915	3912	-5.75
29.000	3908.24	3917	3912	-5.96
29.100	3908.70	3918	3914	-5.66
29.200	3909.23	3919	3914	-5.84
29.300	3909.83	3920	3915	-5.8
29.400	3910.49	3922	3916	-5.89
29.500	3911.21	3923	3917	-6
29.600	3911.96	3925	3917	-5.62
29.700	3912.76	3926	3918	-5.55
29.800	3913.58	3928	3919	-5.5
29.900	3914.42	3929	3919	-5.51
30.000	3915.27	3931	3920	-5.51
30.100	3916.13	3932	3921	-5.5
30.200	3916.98	3933	3921	-5.61
30.300	3917.81	3934	3922	-5.44
30.400	3918.62	3934	3923	-5.47
30.500	3919.40	3935	3924	-5.44
30.600	3920.35	3935	3926	-5.53

30.700	3921.60	3935	3927	-5.5
30.800	3923.09	3935	3928	-5.47
30.900	3924.77	3935	3930	-5.55
31.000	3926.55	3936	3931	-5.54
31.100	3928.39	3936	3932	-5.66
31.200	3930.21	3936	3933	-5.74
31.300	3931.96	3936	3934	-5.69
31.400	3933.55	3936	3936	-5.93
31.500	3934.93	3936	3937	-5.69
31.600	3936.28	3937	3939	-5.59
31.700	3937.79	3937	3940	-5.63
31.800	3939.46	3937	3941	-5.88
31.900	3941.24	3938	3942	-5.74
32.000	3943.14	3938	3944	-5.89
32.100	3945.11	3938	3945	-5.77
32.200	3947.15	3939	3946	-6.03
32.300	3949.23	3939	3947	-5.81
32.400	3951.32	3940	3948	-5.65
32.500	3953.41	3940	3949	-5.57
32.600	3955.48	3941	3950	-5.85
32.700	3957.50	3941	3951	-5.85
32.800	3959.46	3942	3952	-5.93
32.900	3961.32	3943	3953	-5.78
33.000	3963.07	3943	3954	-5.71
33.100	3964.69	3944	3955	-5.53
33.200	3966.16	3945	3956	-5.3
33.300	3967.45	3945	3957	-5.39
33.400	3968.55	3946	3958	-5.35
33.500	3969.43	3947	3960	-5.14
33.600	3970.18	3947	3962	-5.46
33.700	3970.93	3948	3963	-5.5
33.800	3971.66	3949	3964	-5.65
33.900	3972.38	3949	3964	-5.65
34.000	3973.10	3950	3965	-5.59
34.100	3973.80	3951	3966	-5.47
34.200	3974.49	3952	3966	-5.52
34.300	3975.18	3953	3967	-5.44
34.400	3975.85	3954	3967	-5.37
34.500	3976.52	3955	3968	-5.32
34.600	3977.17	3956	3968	-5.43
34.700	3977.82	3957	3969	-5.42
34.800	3978.46	3958	3969	-5.34
34.900	3979.09	3959	3970	-5.29
35.000	3979.71	3960	3970	-5.5
35.100	3980.32	3961	3971	-5.51
35.200	3980.92	3962	3971	-5.45
35.300	3981.52	3964	3972	-5.49
35.400	3982.11	3965	3973	-5.55

35.500	3982.69	3966	3973	-5.91
35.600	3983.26	3967	3973	-5.83
35.700	3983.83	3969	3974	-5.86
35.800	3984.38	3970	3974	-6.19
35.900	3984.94	3971	3975	-6.09
36.000	3985.48	3972	3975	-6
36.100	3986.02	3974	3976	-6.13
36.200	3986.55	3975	3976	-6.12
36.300	3987.07	3976	3977	-6.21
36.400	3987.59	3978	3978	-6.51
36.450	3987.85	3978	3978	-6.31
36.500	3988.11	3979	3978	-6.4
36.600	3988.61	3980	3979	-5.63
36.700	3989.11	3982	3979	-5.91
36.800	3989.61	3983	3979	-6.04
36.900	3990.10	3984	3980	-6.19
37.000	3990.58	3986	3980	-6.02
37.100	3991.06	3987	3981	-5.68
37.150	3991.30	3988	3981	-5.92
37.200	3991.54	3988	3981	-5.82
37.300	3992.01	3990	3982	-5.72
37.400	3992.48	3991	3982	-5.91
37.500	3992.94	3992	3982	-5.66
37.600	3993.39	3994	3983	-5.56
37.700	3993.85	3995	3983	-5.71
37.800	3994.30	3996	3984	-5.77
37.900	3994.74	3998	3985	-5.8
38.000	3995.18	3999	3985	-5.68
38.100	3995.62	4000	3985	-5.92
38.200	3996.06	4002	3986	-5.84
38.300	3996.49	4003	3987	-5.94
38.400	3996.92	4004	3987	-5.76
38.500	3997.34	4005	3987	-5.83
38.600	3997.77	4007	3988	-5.74
38.700	3998.19	4008	3988	-5.8
38.800	3998.61	4009	3989	-5.63
38.900	3999.03	4010	3989	-5.81
39.000	3999.44	4011	3990	-5.9
39.100	3999.86	4012	3990	-5.77
39.200	4000.27	4013	3991	-5.61
39.300	4000.68	4015	3991	-5.78
39.400	4001.09	4016	3992	-5.74
39.500	4001.50	4017	3992	-5.92
39.600	4001.90	4018	3993	-5.73
39.700	4002.31	4019	3993	-5.68
39.800	4002.72	4019	3994	-5.56
39.900	4003.12	4020	3994	-5.4
40.000	4003.53	4021	3995	-5.5

40.100	4003.93	4022	3995	-5.52
40.200	4004.34	4023	3996	-5.43
40.300	4004.74	4024	3997	-5.53
40.400	4005.15	4024	3998	-5.46
40.500	4005.55	4025	3998	-5.61
40.600	4005.96	4026	3999	-5.67
40.700	4006.37	4026	4000	-5.72
40.800	4006.78	4027	4001	-5.73
40.900	4007.19	4027	4002	-5.61
41.000	4007.60	4028	4003	-5.7
41.100	4008.01	4028	4004	-5.58
41.200	4008.43	4028	4005	-5.79
41.300	4008.84	4029	4006	-5.72
41.400	4009.25	4029	4007	-5.78
41.500	4009.66	4030	4007	-5.81
41.600	4010.06	4030	4008	-5.66
41.700	4010.47	4031	4008	-5.61
41.800	4010.88	4031	4009	-5.44
41.900	4011.29	4031	4010	-5.76
42.000	4011.69	4032	4010	-6.054
42.100	4012.10	4032	4011	-5.734
42.120	4012.18	4032	4011	-6.114
42.330	4013.03	4033	4012	-6.193
42.540	4013.87	4034	4012	-6.233
42.750	4014.72	4034	4013	-6.138
42.960	4015.56	4035	4014	-6.351
43.170	4016.40	4036	4015	-6.056
43.380	4017.23	4037	4016	-5.877
43.590	4018.07	4037	4017	-5.902
43.800	4018.90	4038	4018	-6.187
44.010	4019.73	4038	4019	-6.218
44.220	4020.56	4039	4020	-6.053
44.430	4021.39	4040	4021	-6.21
44.640	4022.21	4040	4022	-6.354
44.850	4023.04	4041	4023	-6.206
45.060	4023.86	4041	4023	-6.01
45.270	4024.68	4042	4024	-6.529
45.480	4025.50	4042	4025	-6.183
45.690	4026.32	4043	4026	-6.208
45.900	4027.13	4043	4027	-6.422
46.110	4027.95	4044	4028	-5.931
46.320	4028.77	4044	4028	-6.037
46.530	4029.58	4045	4029	-6.224
46.740	4030.39	4045	4030	-5.977
46.950	4031.21	4046	4031	-6.05
47.160	4032.02	4046	4032	-5.948
47.370	4032.83	4047	4033	-5.936
47.580	4033.65	4047	4034	-5.952

47.790	4034.46	4047	4034	-6.042
48.000	4035.27	4048	4035	-6.082
48.210	4036.08	4048	4036	-5.913
48.420	4036.90	4049	4037	-5.609
48.840	4038.52	4049	4039	-6.448
49.260	4040.15	4050	4041	-5.961
49.470	4040.97	4051	4042	-6.252
49.680	4041.78	4051	4042	-6.073
49.890	4042.60	4051	4043	-6.134
50.100	4043.42	4052	4044	-6.165
50.310	4044.24	4052	4045	-6.086
50.520	4045.06	4052	4046	-6.317
50.730	4045.88	4053	4047	-5.966
50.940	4046.70	4053	4048	-6.035
51.150	4047.52	4053	4048	-6.071
51.360	4048.35	4054	4049	-5.986
51.570	4049.18	4054	4050	-5.902
51.780	4050.01	4055	4051	-5.831
51.990	4050.84	4055	4051	-5.979
52.200	4051.67	4055	4052	-6.012
52.410	4052.51	4056	4053	-6.038
52.620	4053.34	4056	4054	-6.264
52.830	4054.18	4056	4055	-6.017
53.040	4055.03	4057	4056	-5.991
53.250	4055.87	4057	4057	-5.935
53.460	4056.72	4058	4057	-6.217
53.670	4057.57	4058	4058	-5.993
53.880	4058.42	4058	4059	-6.25
54.090	4059.28	4059	4060	-6.172
54.300	4060.14	4059	4061	-5.967
54.510	4061.00	4060	4062	-6.249
54.720	4061.86	4060	4062	-6.098
54.930	4062.73	4061	4063	-6
55.140	4063.60	4061	4064	-6.142
55.350	4064.48	4062	4065	-6.125
55.560	4065.36	4062	4066	-6.209
55.770	4066.24	4063	4066	-6.236
55.980	4067.13	4063	4067	-6.044
56.190	4068.02	4064	4068	-6.069
56.400	4068.91	4064	4070	-5.898
56.610	4069.81	4065	4070	-5.805
56.820	4070.72	4066	4071	-5.719
57.030	4071.62	4066	4072	-5.358
57.240	4072.53	4067	4073	-5.65
57.450	4073.45	4067	4074	-5.593
57.660	4074.37	4068	4076	-5.825
57.870	4075.30	4069	4077	-5.532
58.080	4076.23	4069	4080	-5.527



58.290	4077.16	4070	4082	-5.634
58.500	4078.10	4071	4084	-5.869
58.710	4079.04	4072	4085	-6.002
58.920	4079.98	4072	4086	-5.965
59.130	4080.93	4073	4087	-5.508
59.340	4081.87	4074	4088	-5.804
59.550	4082.83	4075	4090	-6.191
59.760	4083.78	4075	4091	-5.818
59.970	4084.74	4076	4092	-6.006
60.180	4085.70	4077	4093	-6.508
60.390	4086.66	4078	4094	-6.543
60.600	4087.63	4079	4095	-5.832
60.810	4088.60	4079	4096	-6.018
61.020	4089.58	4080	4097	-5.508
61.230	4090.56	4081	4098	-5.613
61.440	4091.54	4082	4099	-5.952
61.650	4092.53	4083	4100	-5.889
61.860	4093.51	4084	4101	-5.731
62.070	4094.51	4085	4102	-6.28
62.280	4095.51	4085	4104	-5.652
62.490	4096.51	4086	4104	-5.662
62.700	4097.51	4087	4105	-5.705
62.910	4098.52	4088	4106	-5.584
63.120	4099.53	4089	4108	-5.703
63.330	4100.55	4090	4109	-6.139
63.540	4101.57	4091	4110	-5.845
63.750	4102.60	4092	4111	-6.295
63.960	4103.63	4093	4112	-5.779
64.170	4104.66	4094	4113	-5.75
64.380	4105.70	4095	4114	-5.822
64.590	4106.74	4096	4116	-6.018
64.800	4107.79	4097	4117	-6.08
65.010	4108.84	4098	4118	-5.725
65.220	4109.89	4099	4119	-6.38
65.430	4110.96	4100	4120	-6.148
65.640	4112.02	4101	4121	-6.048
65.850	4113.09	4102	4122	-5.791
66.060	4114.17	4103	4123	-5.866
66.270	4115.24	4104	4125	-5.797
66.480	4116.33	4105	4126	-5.969
66.690	4117.42	4106	4127	-5.881
66.900	4118.51	4108	4128	-5.726
67.110	4119.61	4109	4129	-5.974
67.320	4120.72	4110	4130	-5.685
67.530	4121.83	4111	4131	-5.855
67.740	4122.94	4112	4132	-5.947
67.950	4124.06	4113	4133	-5.895
68.160	4125.19	4114	4134	-5.572

68.370	4126.32	4115	4135	-5.959
68.580	4127.45	4117	4136	-5.733
68.790	4128.59	4118	4137	-5.844
69.000	4129.74	4119	4138	-5.915
69.210	4130.89	4120	4139	-5.632
69.420	4132.05	4121	4140	-5.723
69.630	4133.22	4122	4141	-5.513
69.840	4134.39	4124	4142	-5.634
70.050	4135.56	4125	4143	-5.566
70.260	4136.74	4126	4144	-5.774
70.470	4137.93	4127	4146	-5.594
70.680	4139.12	4129	4147	-5.895
70.890	4140.32	4130	4148	-5.855
71.100	4141.53	4131	4149	-6.089
71.310	4142.74	4132	4149	-6.138
71.520	4143.95	4133	4151	-6.196
71.730	4145.18	4135	4152	-6.084
71.940	4146.41	4136	4153	-6.005
72.150	4147.64	4137	4154	-5.788
72.360	4148.89	4139	4155	-6.4
72.570	4150.13	4140	4156	-6.281
72.780	4151.39	4141	4157	-6.122
72.990	4152.65	4142	4158	-5.821
73.200	4153.92	4144	4159	-5.748
73.410	4155.19	4145	4161	-6.477
73.620	4156.48	4146	4161	-6.127
73.830	4157.76	4148	4162	-6.215
74.040	4159.06	4149	4163	-5.831
74.250	4160.36	4150	4165	-6.064
74.460	4161.67	4152	4166	-6.092
74.670	4162.99	4153	4167	-5.871
74.880	4164.31	4154	4168	-5.846
75.090	4165.64	4156	4169	-5.654
75.300	4166.97	4157	4170	-5.746
75.510	4168.32	4158	4171	-5.933
75.720	4169.67	4160	4172	-6.166
75.930	4171.03	4161	4173	-5.825
76.140	4172.39	4163	4175	-5.884
76.350	4173.77	4164	4176	-5.67
76.560	4175.15	4165	4178	-5.545
76.770	4176.53	4167	4179	-6.088
76.980	4177.93	4168	4182	-6.026
77.190	4179.36	4169	4185	-5.473
77.400	4180.85	4171	4188	-6.057
77.610	4182.40	4172	4189	-6.103
77.820	4184.02	4174	4191	-5.787
78.030	4185.68	4176	4192	-5.873
78.240	4187.41	4177	4194	-5.621

78.450	4189.18	4179	4195	-5.831
78.660	4191.00	4181	4196	-5.994
78.870	4192.86	4182	4197	-5.826
79.080	4194.77	4184	4199	-5.517
79.290	4196.71	4186	4200	-5.619
79.500	4198.69	4188	4202	-5.974
79.710	4200.70	4190	4203	-5.52
79.920	4202.74	4191	4204	-6.004
80.130	4204.81	4193	4206	-6.033
80.340	4206.90	4195	4207	-6.127
80.550	4209.02	4197	4208	-5.896
80.760	4211.15	4199	4210	-6.065
80.970	4213.30	4201	4212	-5.954
81.390	4217.62	4205	4214	-5.895
81.600	4219.80	4207	4216	-5.777
81.810	4221.98	4209	4217	-5.812
82.020	4224.15	4211	4219	-6.07
82.230	4226.33	4213	4220	-5.905
82.440	4228.50	4215	4222	-6.075
82.650	4230.66	4217	4223	-5.904
82.860	4232.81	4219	4225	-6.026
83.280	4237.07	4223	4228	-5.923
83.490	4239.17	4225	4230	-5.788
83.700	4241.25	4227	4231	-5.817
83.910	4243.30	4229	4233	-5.649
84.120	4245.32	4231	4234	-5.674
84.330	4247.32	4233	4236	-5.667
84.540	4249.27	4235	4237	-5.682
84.750	4251.19	4237	4239	-5.611
84.960	4253.07	4239	4240	-5.716
85.170	4254.91	4241	4241	-5.943
85.380	4256.70	4243	4243	-6.238
85.590	4258.44	4245	4244	-5.956
85.800	4260.12	4246	4246	-5.731
86.010	4261.76	4248	4247	-5.585
86.220	4263.33	4250	4249	-5.832
86.430	4264.84	4252	4250	-6.054
86.640	4266.29	4253	4252	-6.066
86.850	4267.68	4255	4254	-5.953
87.060	4268.99	4256	4255	-5.872
87.270	4270.23	4258	4257	-6.081
87.480	4271.40	4259	4259	-5.966
87.690	4272.49	4261	4261	-5.915
87.900	4273.49	4262	4263	-6.185
88.110	4274.42	4264	4266	-6.072
88.320	4275.33	4265	4268	-5.936
88.530	4276.21	4266	4269	-5.966
88.740	4277.07	4268	4270	-6.234

88.950	4277.91	4269	4271	-6.099
89.160	4278.74	4270	4272	-6.125
89.370	4279.54	4272	4273	-5.969
89.580	4280.33	4273	4273	-5.998
89.790	4281.10	4274	4274	-5.944
90.000	4281.86	4275	4275	-6.021
90.210	4282.60	4277	4276	-6.013
90.420	4283.32	4278	4276	-5.975
90.630	4284.02	4279	4277	-6.16
90.840	4284.72	4280	4278	-5.803
91.050	4285.39	4282	4278	-6.017
91.260	4286.06	4283	4279	-6.052
91.470	4286.71	4284	4280	-5.577
91.680	4287.35	4285	4281	-5.659
91.890	4287.97	4287	4282	-5.819
92.100	4288.59	4288	4282	-5.845
92.310	4289.19	4289	4283	-5.864
92.520	4289.78	4290	4284	-5.608
92.730	4290.36	4291	4284	-6.042
92.940	4290.93	4292	4285	-6.09
93.150	4291.50	4294	4286	-6.015
93.360	4292.05	4295	4287	-5.942
93.570	4292.60	4296	4287	-5.752
93.780	4293.13	4297	4288	-5.848
93.990	4293.66	4298	4289	-6.039
94.200	4294.19	4299	4289	-5.819
94.410	4294.71	4300	4290	-6.2
94.620	4295.22	4301	4291	-6.261
94.830	4295.72	4302	4291	-6.043
95.040	4296.23	4304	4292	-6.057
95.250	4296.72	4305	4293	-6.032
95.460	4297.22	4306	4294	-6.079
95.670	4297.71	4307	4295	-6.177
95.880	4298.20	4308	4295	-6.126
96.090	4298.68	4309	4296	-6.053
96.300	4299.16	4310	4297	-6.171
96.510	4299.65	4311	4297	-5.993
96.720	4300.13	4312	4298	-6.032
96.930	4300.61	4313	4299	-5.868
97.140	4301.09	4314	4300	-6.393
97.350	4301.57	4315	4300	-5.863
97.560	4302.06	4316	4301	-6.06
97.770	4302.54	4317	4302	-5.942
97.980	4303.03	4318	4303	-6.202
98.190	4303.52	4319	4303	-6.302
98.400	4304.02	4320	4304	-6.188
98.610	4304.51	4321	4305	-5.987
99.450	4306.55	4325	4307	-5.96

99.660	4307.08	4326	4308	-6.048
99.870	4307.61	4327	4309	-6.051
100.290	4308.69	4328	4310	-5.872
100.500	4309.25	4329	4311	-5.97
100.710	4309.81	4330	4312	-5.656
100.920	4310.38	4331	4312	-6.074
101.130	4310.96	4332	4313	-6.554
101.550	4312.16	4334	4314	-5.627
101.760	4312.77	4335	4315	-5.942
101.970	4313.40	4335	4316	-6.095
102.390	4314.69	4337	4317	-6.411
102.600	4315.36	4338	4318	-6.137
102.810	4316.03	4339	4319	-5.862
103.020	4316.73	4340	4319	-5.862
103.230	4317.43	4341	4320	-5.77
103.440	4318.16	4341	4321	-6.005
103.650	4318.90	4342	4322	-6.249
103.860	4319.65	4343	4323	-6.148
104.070	4320.42	4344	4324	-6.266
104.280	4321.21	4345	4325	-6.181
104.490	4322.02	4345	4326	-6.167
104.700	4322.84	4346	4327	-6.06
104.910	4323.69	4347	4329	-6.398
105.120	4324.57	4348	4331	-6.186
105.330	4325.56	4349	4333	-6.317
105.750	4327.86	4350	4336	-6.029
106.170	4330.54	4352	4339	-6.055
106.380	4332.02	4352	4340	-6.449
106.590	4333.56	4353	4341	-6.011
106.800	4335.18	4354	4342	-6.021
107.010	4336.86	4355	4343	-5.919
107.220	4338.60	4355	4344	-5.813
107.430	4340.39	4356	4345	-5.844
107.640	4342.22	4357	4346	-6.102
107.850	4344.08	4358	4347	-5.528
108.060	4345.98	4358	4348	-5.711
108.270	4347.90	4359	4350	-5.864
108.480	4349.83	4360	4351	-5.724
108.690	4351.77	4360	4352	-5.887
108.900	4353.72	4361	4353	-6.095
109.110	4355.66	4362	4354	-6.061
109.320	4357.58	4362	4355	-6.003
109.530	4359.49	4363	4356	-5.928
110.160	4365.05	4365	4359	-6.508
110.370	4366.82	4365	4360	-5.763
110.580	4368.53	4366	4361	-6.103
110.790	4370.19	4367	4362	-5.812
111.210	4373.31	4368	4364	-6.006

111.630	4376.10	4369	4366	-5.874
111.840	4377.37	4369	4367	-5.867
112.050	4378.53	4370	4369	-6.091
112.470	4380.53	4371	4372	-6.088
112.680	4381.36	4371	4373	-6.422
112.890	4382.05	4372	4375	-6.188
113.310	4383.17	4373	4378	-5.457
113.730	4384.16	4374	4380	-6.451
113.940	4384.63	4374	4381	-6.156
114.150	4385.07	4374	4381	-6.13
114.570	4385.90	4375	4383	-5.925
114.780	4386.29	4375	4384	-6.054
114.990	4386.66	4376	4384	-6.054
115.200	4387.03	4376	4385	-5.903
115.410	4387.38	4376	4386	-5.94
115.620	4387.72	4377	4386	-5.916
116.040	4388.38	4377	4387	-6.193
116.250	4388.70	4377	4388	-6.203
116.460	4389.01	4378	4388	-6
116.670	4389.33	4378	4389	-6.058
116.880	4389.64	4378	4390	-5.851
117.090	4389.96	4378	4390	-6.232
117.300	4390.28	4379	4391	-6.215
117.510	4390.60	4379	4392	-6.023
117.720	4390.93	4379	4392	-5.949
117.930	4391.27	4379	4393	-6
118.140	4391.61	4380	4393	-6.02
118.350	4391.97	4380	4394	-6.22
118.560	4392.33	4380	4394	-6.065
118.770	4392.72	4381	4395	-6.112
118.980	4393.11	4381	4396	-6.159
119.190	4393.53	4381	4397	-6.51
119.400	4393.96	4382	4397	-6.363
119.610	4394.41	4382	4398	-6.438
119.820	4394.88	4383	4399	-6.561
120.030	4395.38	4383	4399	-6.446
120.240	4395.90	4384	4400	-6.309
120.450	4396.45	4384	4401	-6.109
120.660	4397.02	4385	4401	-6.097
120.870	4397.63	4385	4403	-6.195
121.080	4398.28	4386	4405	-5.908
121.290	4399.12	4387	4407	-5.848
121.500	4400.18	4388	4409	-5.977
121.710	4401.44	4388	4410	-5.946
121.920	4402.90	4390	4412	-6.383
122.130	4404.53	4391	4413	-6.098
122.340	4406.33	4392	4414	-6.078
122.550	4408.27	4393	4415	-6.145

122.760	4410.34	4395	4417	-6.105
122.970	4412.53	4396	4418	-5.992
123.180	4414.83	4398	4419	-6.097
123.390	4417.22	4400	4421	-6.186
123.600	4419.68	4401	4422	-6.14
123.810	4422.20	4403	4423	-6.078
124.020	4424.78	4405	4425	-6.037
124.230	4427.38	4407	4426	-6.278
124.440	4430.01	4408	4427	-6.308
124.650	4432.64	4410	4429	-6.243
124.860	4435.26	4412	4431	-6.175
125.070	4437.85	4414	4433	-5.9
125.280	4440.41	4416	4435	-5.959

**ML.2**

<b>Depth (mm)</b>	<b>Copra_AgeModel</b>	<b><math>\delta^{18}\text{O}</math></b>	<b>Adjusted'<math>\delta^{18}\text{O}</math></b>
0.00	3366.02	-5.549	-0.40
0.50	3384.20	-5.448	0.10
1.00	3402.70	-5.47	0.60
1.50	3421.48	-5.426	1.10
2.00	3440.48	-5.56	1.60
2.50	3459.65	-5.293	2.10
3.00	3478.96	-5.21	2.60
3.50	3498.35	-5.141	3.10
4.00	3517.76	-5.14	3.60
4.50	3537.17	-5.301	4.10
5.00	3556.51	-5.179	4.60
5.50	3575.74	-5.202	5.10
6.00	3594.81	-5.163	5.60
6.50	3613.68	-5.308	6.10
7.00	3632.29	-5.206	6.60
7.50	3650.59	-5.194	7.10
8.00	3668.55	-5.12	7.60
8.50	3686.11	-5.158	8.10
9.00	3703.22	-5.137	8.60
9.50	3719.84	-5.04	9.10
10.00	3735.91	-5.006	9.60
10.50	3751.39	-5.136	10.10
11.00	3766.24	-5.354	10.60
11.50	3780.40	-5.311	11.10
12.00	3793.82	-4.948	11.60
12.50	3806.46	-5.081	12.10
13.00	3818.27	-5.045	12.60
13.50	3829.21	-5.41	13.10
14.00	3839.59	-5.496	13.60
14.50	3849.78	-5.371	14.10
15.00	3859.79	-5.493	14.60
15.50	3869.62	-5.445	15.10
16.00	3879.28	-5.59	15.60
16.50	3888.75	-5.141	16.10
17.00	3898.06	-5.465	16.60
17.50	3907.20	-5.219	17.10
17.60	3909.01	-5.368	17.20
17.70	3910.82	-5.45	17.30
17.80	3912.61	-5.505	17.40
17.90	3914.40	-5.392	17.50
18.00	3916.18	-5.273	17.60
18.10	3917.96	-5.169	17.70
18.20	3919.73	-5.314	17.80
18.30	3921.49	-5.15	17.90
18.40	3923.25	-5.021	18.00
18.50	3925.00	-5.053	18.10



18.60	3926.75	-5.196	18.20
18.70	3928.49	-5.329	18.30
18.80	3930.22	-5.356	18.40
18.90	3931.95	-5.406	18.50
19.00	3933.67	-5.509	18.60
19.10	3935.38	-5.572	18.70
19.20	3937.09	-5.668	18.80
19.30	3938.79	-5.452	18.90
19.40	3940.49	-5.194	19.00
19.50	3942.18	-5.035	19.10
19.60	3943.86	-5.072	19.20
19.70	3945.54	-4.909	19.30
19.80	3947.21	-4.795	19.40
19.90	3948.88	-4.847	19.50
20.00	3950.54	-5.084	19.60
20.10	3952.19	-5.034	19.70
20.20	3953.84	-5.135	19.80
20.30	3955.49	-5.419	19.90
20.40	3957.12	-5.419	20.00
20.50	3958.75	-5.094	20.10
20.60	3960.38	-5.38	20.20
20.70	3962.00	-5.404	20.30
20.80	3963.62	-5.404	20.40
20.90	3965.23	-5.19	20.50
21.00	3966.83	-4.963	20.60
21.10	3968.43	-4.936	20.70
21.20	3970.02	-4.969	20.80
21.30	3971.61	-4.957	20.90
21.40	3973.19	-4.832	21.00
21.50	3974.77	-4.753	21.10
21.60	3976.34	-4.77	21.20
21.70	3977.90	-4.872	21.30
21.80	3979.46	-4.889	21.40
21.90	3981.02	-4.876	21.50
22.00	3982.57	-5.117	21.60
22.10	3984.11	-5.142	21.70
22.20	3985.65	-5.228	21.80
22.30	3987.18	-5.351	21.90
22.40	3988.71	-5.473	22.00
22.50	3990.24	-5.485	22.10
22.60	3991.76	-5.474	22.20
22.70	3993.27	-5.486	22.30
22.80	3994.78	-5.535	22.40
22.90	3996.28	-5.532	22.50
23.00	3997.78	-5.541	22.60
23.10	3999.27	-5.651	22.70
23.20	4000.76	-5.736	22.80
23.30	4002.24	-5.677	22.90

23.40	4003.72	-5.579	23.00
23.50	4005.20	-5.642	23.10
23.60	4006.67	-5.201	23.20
23.70	4008.13	-5.304	23.30
23.80	4009.59	-5.627	23.40
23.90	4011.04	-5.689	23.50
24.00	4012.49	-5.532	23.60
24.10	4013.94	-5.38	23.70
24.20	4015.38	-5.342	23.80
24.30	4016.82	-5.354	23.90
24.40	4018.25	-5.325	24.00
24.50	4019.67	-5.384	24.10
24.60	4021.10	-5.419	24.20
24.70	4022.51	-5.419	24.30
24.80	4023.93	-5.448	24.40
24.90	4025.34	-5.373	24.50
25.00	4026.74	-5.571	24.60
25.10	4028.14	-5.438	24.70
25.20	4029.54	-5.375	24.80
25.30	4030.93	-5.019	24.90
25.40	4032.31	-5.139	25.00
25.50	4033.70	-5.282	25.10
25.60	4035.08	-5.408	25.20
25.70	4036.45	-5.207	25.30
25.80	4037.82	-5.256	25.40
25.90	4039.19	-5.387	25.50
26.00	4040.55	-5.604	25.60
26.10	4041.90	-5.43	25.70
26.20	4043.26	-5.398	25.80
26.30	4044.61	-5.306	25.90
26.40	4045.95	-5.432	26.00
26.50	4047.29	-5.344	26.10
26.60	4048.63	-5.462	26.20
26.70	4049.96	-5.343	26.30
26.80	4051.29	-5.486	26.40
26.90	4052.62	-5.493	26.50
27.00	4053.94	-5.473	26.60
<b>27.10</b>	4055.26	<b>-5.48</b>	26.70
27.20	4056.57	-5.41	26.80
27.30	4057.88	-5.348	26.90
27.40	4059.19	-5.373	27.00
27.50	4060.49	-5.377	27.10
27.60	4061.79	-5.63	27.20
27.70	4063.09	-5.765	27.30
27.80	4064.38	-5.872	27.40
27.90	4065.67	-5.754	27.50
28.00	4066.95	-5.908	27.60
28.10	4068.23	-5.921	27.70

28.50	4073.32	-5.418	28.10
29.00	4079.61	-5.836	28.60
29.50	4085.81	-5.641	29.10
30.00	4091.93	-5.554	29.60
30.50	4097.98	-5.696	30.10
31.00	4103.96	-5.9	30.60
31.50	4109.87	-5.706	31.10
32.00	4115.72	-5.383	31.60
32.50	4121.51	-5.172	32.10
33.00	4127.23	-5.125	32.60
33.50	4132.91	-5.167	33.10
34.00	4138.54	-5.064	33.60
34.50	4144.11	-5.305	34.10
35.00	4149.65	-5.279	34.60
35.50	4155.15	-5.366	35.10
36.00	4160.61	-5.278	35.60
36.50	4166.04	-5.382	36.10
37.00	4171.43	-5.387	36.60
37.50	4176.81	-5.197	37.10
38.00	4182.16	-5.529	37.60
38.50	4187.49	-5.303	38.10
39.00	4192.81	-5.604	38.60
39.50	4198.12	-5.392	39.10
40.00	4203.42	-5.463	39.60
40.50	4208.72	-5.238	40.10
41.00	4214.01	-5.426	40.60
41.50	4219.26	-5.542	41.10
42.00	4224.42	-5.678	41.60
42.50	4229.48	-5.715	42.10
43.00	4234.46	-5.979	42.60
43.50	4239.35	-5.996	43.10
44.00	4244.16	-5.885	43.60
44.50	4248.89	-5.778	44.10
45.00	4253.55	-5.558	44.60
45.50	4258.14	-5.412	45.10
46.00	4262.67	-5.506	45.60
46.50	4267.13	-5.525	46.10
47.00	4271.53	-5.549	46.60
47.50	4275.87	-5.628	47.10
48.00	4280.16	-5.598	47.60
48.50	4284.41	-5.684	48.10
49.00	4288.60	-5.549	48.60
49.50	4292.75	-5.693	49.10
50.00	4296.87	-5.751	49.60
50.50	4300.94	-5.701	50.10
51.00	4304.99	-5.433	50.60
51.50	4309.01	-5.406	51.10
52.00	4313.00	-5.166	51.60

52.50	4316.97	-5.629	52.10
53.00	4320.92	-5.53	52.60
53.50	4324.85	-5.658	53.10
54.00	4328.78	-5.577	53.60
54.50	4332.69	-5.424	54.10
55.00	4336.60	-5.547	54.60
55.50	4340.51	-5.464	55.10
56.00	4344.42	-5.647	55.60
56.50	4348.34	-5.79	56.10
57.00	4352.27	-5.536	56.60
57.50	4356.21	-5.666	57.10
58.00	4360.16	-5.561	57.60
58.50	4364.13	-5.643	58.10
59.00	4368.13	-5.642	58.60
59.50	4372.15	-5.683	59.10
60.00	4376.21	-5.695	59.60
60.50	4380.29	-5.934	60.10
61.00	4384.41	-5.744	60.60
61.50	4388.57	-5.626	61.10
62.00	4392.78	-5.783	61.60
62.50	4397.03	-5.783	62.10
63.00	4401.33	-5.507	62.60
63.50	4405.69	-5.675	63.10
64.00	4410.10	-5.616	63.60
64.50	4414.58	-5.653	64.10
65.00	4419.11	-5.781	64.60
65.50	4423.72	-5.871	65.10
66.00	4428.40	-5.921	65.60
66.50	4433.15	-5.752	66.10
67.00	4437.98	-5.862	66.60
67.50	4442.92	-5.809	67.10
68.00	4448.00	-5.489	67.60
68.50	4453.22	-5.618	68.10
69.00	4458.55	-5.574	68.60
69.50	4464.00	-5.489	69.10
70.00	4469.56	-5.62	69.60
70.50	4475.21	-5.897	70.10
71.00	4480.95	-5.718	70.60
71.50	4486.76	-5.905	71.10
72.00	4492.64	-5.775	71.60
72.50	4498.58	-5.869	72.10
73.00	4504.57	-5.68	72.60
73.50	4510.60	-5.71	73.10
74.00	4516.67	-5.671	73.60
74.50	4522.75	-5.44	74.10
75.00	4528.85	-5.562	74.60
75.50	4534.95	-5.716	75.10