

EDC1999 depth	gas age (edc3_gas_a)	CH4 mean concentration	1 σ uncertainty	Bern, Grenoble
[m]	[yrs BP 1950]	[ppbv]	[ppbv]	[b, g]
99.34	13	907	10	b
102.45	126	784	10	g
102.58	130	762	10	b
103.34	151	710	10	g
104.33	184	727	10	g
104.69	202	696	10	g
104.78	207	683	10	b
106.61	258	679	10	g
107.69	297	676	10	g
108.79	345	651	10	g
109.83	382	684	10	b
110.46	403	681	10	g
112.14	459	670	10	g
113.03	478	644	10	b
114.67	533	670	10	g
114.78	539	668	10	g
115.22	554	680	10	g
118.48	668	667	10	b
118.74	678	669	10	g
120.85	736	680	10	b
121.15	742	643	10	b
124.34	861	664	10	g
124.58	869	647	10	b
125.29	897	648	10	g
126.33	939	640	10	g
126.75	946	636	10	g
129.18	1037	635	10	b
130.79	1092	633	10	g
131.83	1132	644	10	b
134.25	1217	643	10	g
134.48	1225	629	10	b
135.19	1248	635	10	g
137.75	1338	635	10	g
137.98	1349	650	10	g
140.73	1431	631	10	b
141.07	1443	638	10	g
143.38	1527	632	10	b
144.04	1551	630	10	g
145.80	1620	610	10	g
146.03	1629	623	10	b
147.29	1677	623	10	g

148.33	1717	615	10	g
148.75	1726	623	10	g
150.09	1774	618	10	g
150.63	1793	613	10	b
153.83	1907	613	10	b
155.04	1951	605	10	g
156.15	1995	599	10	g
157.58	2045	604	10	b
159.33	2104	591	10	g
159.67	2115	594	10	g
159.78	2119	609	10	b
162.05	2208	602	10	b
163.82	2275	597	10	g
164.83	2309	595	10	g
165.18	2321	594	10	g
165.28	2325	597	10	b
167.09	2389	593	10	g
167.80	2414	604	10	g
168.09	2424	592	10	b
169.41	2482	579	10	g
170.33	2515	603	10	b
170.47	2519	590	10	b
173.05	2602	592	10	b
173.69	2624	586	10	g
176.21	2717	590	10	g
176.28	2720	580	10	b
176.38	2724	588	10	g
176.69	2735	583	10	g
178.26	2793	580	10	g
178.48	2800	578	10	b
180.29	2857	577	10	g
180.78	2877	577	10	b
183.97	2998	581	10	g
185.28	3026	573	10	b
187.28	3107	576	10	b
188.04	3139	589	10	g
189.48	3210	568	10	b
192.33	3308	581	10	b
193.55	3360	589	10	g
195.73	3433	573	10	b
197.83	3506	570	10	g
198.20	3517	560	10	g
200.13	3572	575	10	g
200.80	3602	596	10	g

201.03	3614	578	10	b
203.33	3690	578	10	b
203.47	3697	581	10	b
205.63	3773	576	10	b
208.83	3892	574	10	g
209.25	3905	578	10	g
211.14	3965	575	10	g
211.81	3986	549	10	g
212.03	3994	568	10	b
214.33	4079	576	10	b
214.47	4082	563	10	b
215.98	4142	570	10	b
217.09	4173	582	10	g
220.38	4305	577	10	b
220.52	4309	568	10	b
221.11	4325	579	10	g
222.25	4357	584	10	g
222.48	4366	570	10	b
224.23	4440	570	10	g
224.78	4461	568	10	g
225.12	4471	582	10	g
225.23	4474	562	10	b
225.94	4496	580	10	g
227.60	4551	560	10	g
228.74	4589	580	10	g
229.76	4625	560	10	g
231.40	4683	563	10	b
231.99	4701	560	10	g
233.09	4740	570	10	g
233.48	4755	563	10	b
235.23	4823	579	10	g
235.78	4849	570	10	g
236.13	4864	573	10	g
236.23	4868	568	10	b
240.15	5002	561	10	b
241.85	5068	563	10	b
242.88	5112	551	10	g
244.09	5149	553	10	g
244.48	5156	558	10	b
246.29	5221	574	10	g
247.76	5270	561	10	g
247.86	5272	564	10	g
249.53	5337	577	10	g
250.60	5364	565	10	b

251.73	5418	570	10	g
252.85	5458	566	10	b
253.44	5474	580	10	g
255.06	5526	581	10	g
255.82	5550	563	10	g
256.03	5557	568	10	b
257.29	5598	591	10	g
258.33	5643	571	10	g
258.65	5651	578	10	g
258.78	5653	570	10	b
258.92	5657	581	10	g
259.98	5684	584	10	b
260.53	5712	586	10	g
263.83	5834	575	10	b
264.99	5870	570	10	g
266.09	5915	584	10	g
268.13	5989	564	10	b
268.23	5993	602	10	g
268.92	6022	592	10	g
269.12	6029	597	10	g
269.23	6033	581	10	b
269.94	6058	597	10	g
271.63	6116	590	10	b
275.71	6252	590	10	g
275.83	6257	577	10	b
276.09	6264	583	10	g
277.03	6304	592	10	g
277.82	6341	577	10	g
278.03	6346	580	10	b
278.13	6350	581	10	g
279.23	6385	587	10	g
279.78	6404	588	10	b
280.94	6453	617	10	g
282.53	6503	602	10	g
283.61	6542	602	10	b
285.28	6598	599	10	g
285.61	6607	601	10	g
285.73	6610	595	10	b
286.44	6637	607	10	g
287.59	6691	604	10	g
287.89	6708	636	10	g
288.00	6709	603	10	b
289.19	6738	608	10	g
291.33	6817	605	10	b

293.59	6901	633	10	g
294.18	6924	607	10	b
295.73	6961	614	10	g
297.20	7016	631	10	g
297.28	7020	610	10	b
299.41	7105	612	10	g
299.48	7106	607	10	b
300.19	7127	623	10	g
302.33	7209	618	10	b
303.50	7253	618	10	g
305.08	7289	602	10	b
305.64	7310	623	10	g
308.28	7405	612	10	b
308.36	7408	602	10	g
308.99	7430	617	10	g
310.96	7496	625	10	g
311.03	7498	610	10	b
311.68	7523	617	10	b
312.20	7544	617	10	g
313.33	7573	623	10	b
314.48	7616	620	10	g
315.62	7660	619	10	g
316.08	7670	623	10	b
316.69	7688	620	10	g
317.15	7704	623	10	b
317.73	7723	618	10	b
319.13	7762	620	10	g
319.28	7769	611	10	b
319.46	7778	612	10	g
320.53	7823	614	10	b
321.03	7841	620	10	b
321.62	7857	598	10	b
322.11	7871	600	10	g
322.22	7874	612	10	b
322.75	7892	589	10	b
323.30	7913	613	10	g
324.35	7957	624	10	b
324.95	7985	660	10	g
325.43	8012	632	10	b
325.98	8039	606	10	b
326.60	8053	626	10	g
327.08	8066	633	10	b
327.14	8068	624	10	g
327.63	8089	651	10	b

328.18	8108	640	10	b
329.85	8155	642	10	b
330.24	8171	641	10	b
330.99	8202	660	10	g
332.89	8269	647	10	g
333.03	8273	649	10	b
334.73	8331	665	10	g
335.64	8371	648	10	g
335.78	8378	660	10	b
337.53	8435	654	10	g
338.08	8452	654	10	b
340.13	8523	662	10	g
340.83	8549	657	10	b
343.31	8644	671	10	g
343.48	8648	659	10	b
345.23	8708	675	10	g
346.64	8764	676	10	g
346.78	8771	658	10	b
348.61	8832	674	10	g
349.08	8842	657	10	b
350.76	8906	648	10	g
351.85	8961	671	10	b
354.12	9020	664	10	g
355.51	9081	671	10	g
355.58	9085	665	10	b
357.10	9134	664	10	g
357.23	9135	665	10	b
357.94	9149	666	10	g
359.53	9207	663	10	b
361.73	9281	675	10	g
362.51	9305	671	10	g
362.73	9312	674	10	b
365.09	9391	676	10	g
367.30	9460	675	10	g
368.88	9510	682	10	b
369.49	9533	685	10	g
370.84	9587	689	10	g
370.98	9592	683	10	b
372.74	9640	693	10	g
374.38	9700	676	10	b
374.99	9719	674	10	g
376.76	9794	670	10	g
377.03	9801	682	10	b
378.24	9835	675	10	g

379.33	9882	685	10	b
381.53	9962	678	10	b
383.85	10036	717	10	g
385.34	10098	698	10	b
387.83	10192	694	10	g
388.09	10204	678	10	b
389.26	10253	682	10	g
389.78	10274	688	10	b
392.98	10394	672	10	g
393.53	10409	661	10	b
395.23	10478	669	10	g
396.24	10518	652	10	b
398.79	10604	671	10	g
399.03	10612	666	10	b
400.26	10659	685	10	g
401.33	10707	681	10	b
404.36	10812	694	10	g
404.53	10818	673	10	b
405.81	10872	679	10	g
407.24	10925	703	10	b
410.87	11066	650	10	g
411.13	11078	633	10	b
412.51	11124	653	10	g
412.78	11130	654	10	b
415.08	11216	665	10	b
418.02	11325	643	10	g
418.28	11333	559	10	b
421.13	11410	469	10	b
426.80	11610	488	10	g
427.08	11625	468	10	b
429.24	11717	477	10	b
431.26	11798	462	10	g
431.48	11808	483	10	b
434.33	11921	462	10	b
436.81	12033	480	10	g
436.98	12039	467	10	b
438.28	12094	479	10	g
443.13	12338	542	10	b
445.64	12477	651	10	g
445.78	12485	627	10	b
448.08	12605	643	10	b
450.47	12736	610	10	g
450.73	12747	646	10	b
453.11	12884	661	10	g

453.58	12910	662	10	b
456.61	13070	670	10	g
456.78	13079	653	10	b
460.14	13255	646	10	b
461.92	13356	628	10	g
463.16	13418	625	10	g
463.38	13428	619	10	b
464.58	13497	613	10	b
466.84	13625	619	10	g
467.11	13637	623	10	g
467.31	13646	630	10	b
469.53	13771	612	10	b
472.94	13942	578	10	b
473.10	13951	597	10	g
474.04	14010	569	10	g
479.43	14289	465	10	b
479.87	14312	476	10	g
483.83	14535	461	10	b
484.05	14547	470	10	g
484.18	14555	469	10	g
486.99	14711	459	10	b
489.77	14870	470	10	g
491.53	14966	476	10	b
495.61	15203	463	10	g
495.83	15217	451	10	b
498.68	15393	452	10	b
501.14	15545	441	10	g
501.33	15555	456	10	b
505.90	15844	441	10	g
506.20	15865	438	10	g
506.28	15870	473	10	b
508.99	16060	419	10	b
511.38	16213	424	10	g
511.77	16243	427	10	b
514.48	16430	405	10	b
516.87	16604	409	10	g
517.08	16617	404	10	g
519.56	16826	408	10	b
519.70	16833	381	10	b
522.40	17046	395	10	g
522.69	17075	389	10	g
525.60	17316	371	10	b
527.85	17506	375	10	g
528.11	17531	366	10	g

528.24	17543	384	10	b
530.95	17789	366	10	b
532.42	17909	377	10	g
532.63	17923	371	10	b
536.44	18256	375	10	b
538.82	18490	371	10	g
539.07	18508	378	10	g
539.22	18519	371	10	b
543.41	18873	373	10	g
543.59	18890	379	10	b
548.51	19317	366	10	b
549.95	19451	358	10	g
550.20	19479	377	10	b
552.50	19680	356	10	b
552.66	19693	351	10	b
555.71	19963	374	10	b
557.44	20124	375	10	b
561.16	20466	384	10	g
561.19	20469	367	10	b
563.88	20708	378	10	b
566.42	20954	365	10	g
569.37	21218	354	10	b
572.16	21470	357	10	b
575.55	21786	357	10	b
577.85	21986	355	10	b
585.43	22718	407	10	b
587.65	22895	385	10	g
590.31	23130	390	10	b
592.04	23279	390	10	g
594.22	23472	390	10	b
596.90	23747	386	10	g
598.61	23888	398	10	b
600.82	24084	375	10	g
603.00	24299	360	10	b
605.19	24516	373	10	g
607.39	24721	389	10	b
609.61	24927	372	10	g
613.98	25329	370	10	b
616.68	25599	365	10	g
618.86	25824	355	10	b
620.58	25990	364	10	g
627.17	26631	396	10	g
629.87	26918	387	10	b
631.56	27074	386	10	g

634.23	27336	396	10	b
635.95	27504	406	10	g
638.13	27680	426	10	b
640.34	27896	382	10	g
643.04	28136	399	10	b
644.74	28286	402	10	g
646.91	28502	414	10	b
649.60	28764	444	10	g
653.50	29091	388	10	g
656.18	29319	368	10	b
660.11	29701	391	10	g
662.79	29980	399	10	b
664.50	30148	392	10	g
669.39	30618	410	10	b
671.08	30761	408	10	g
673.26	30974	392	10	b
675.48	31198	404	10	g
677.66	31404	412	10	b
681.56	31756	427	10	g
682.05	31793	422	10	g
683.10	31895	441	10	g
684.87	32069	457	10	g
685.97	32163	471	10	g
686.88	32254	431	10	g
688.15	32370	452	10	g
688.65	32415	409	10	b
690.37	32588	410	10	g
690.85	32645	405	10	g
691.88	32768	404	10	g
692.53	32814	415	10	g
693.54	32904	432	10	b
694.79	33026	424	10	g
695.24	33060	428	10	g
696.28	33148	440	10	g
696.94	33202	443	10	g
697.41	33248	444	10	b
699.63	33480	461	10	g
701.80	33688	479	10	b
702.41	33735	426	10	g
703.51	33810	415	10	g
704.00	33857	419	10	b
705.75	34046	420	10	g
706.22	34079	430	10	g
707.25	34185	430	10	g

708.91	34337	428	10	b
711.08	34531	447	10	g
711.64	34578	457	10	g
712.81	34668	489	10	b
715.43	34901	519	10	g
715.49	34904	520	10	g
716.04	34946	513	10	g
717.17	35061	514	10	b
718.87	35181	498	10	g
719.41	35238	492	10	g
720.37	35330	427	10	g
722.17	35489	421	10	g
723.79	35650	444	10	b
724.76	35764	426	10	g
725.49	35841	425	10	g
725.98	35893	441	10	g
727.01	36000	440	10	g
728.18	36104	441	10	b
730.31	36308	471	10	g
730.86	36374	469	10	g
732.52	36522	494	10	g
733.60	36613	524	10	g
736.89	36937	534	10	g
737.41	36988	534	10	g
739.03	37127	587	10	g
739.62	37188	536	10	b
739.74	37200	548	10	g
740.88	37298	572	10	g
741.82	37367	563	10	g
742.26	37406	580	10	g
743.48	37515	560	10	g
743.63	37524	557	10	b
744.19	37559	544	10	g
745.74	37675	547	10	g
746.71	37751	539	10	g
747.87	37849	540	10	g
748.41	37893	481	10	b
750.13	38045	526	10	g
752.34	38237	443	10	b
754.52	38421	440	10	g
758.89	38797	455	10	g
761.61	39020	441	10	b
763.28	39176	450	10	g
765.48	39373	444	10	b

767.68	39591	427	10	b
769.52	39754	419	10	g
769.87	39791	419	10	g
770.02	39808	411	10	g
772.18	39997	424	10	g
772.55	40031	422	10	b
772.77	40052	414	10	g
773.78	40162	442	10	g
774.26	40211	448	10	g
774.34	40219	440	10	g
775.19	40294	450	10	g
776.04	40371	429	10	b
776.58	40425	420	10	g
778.65	40636	413	10	b
778.78	40649	419	10	g
780.38	40804	426	10	g
780.85	40848	447	10	g
781.00	40860	422	10	g
781.90	40951	433	10	g
783.05	41058	420	10	b
783.18	41069	434	10	g
783.65	41110	433	10	g
784.28	41166	442	10	g
784.88	41223	457	10	g
785.24	41257	465	10	g
785.33	41265	462	10	g
786.30	41351	465	10	g
786.52	41370	465	10	b
787.51	41461	467	10	g
789.78	41687	458	10	g
792.00	41927	414	10	g
793.72	42051	429	10	g
794.83	42163	416	10	g
796.38	42296	415	10	g
798.51	42496	456	10	g
800.78	42679	446	10	g
802.93	42839	471	10	g
803.54	42884	470	10	b
805.18	43036	486	10	g
806.16	43119	482	10	g
808.52	43345	463	10	b
809.58	43437	437	10	g
811.37	43590	415	10	g
814.02	43863	411	10	b

817.28	44162	431	10	g
819.58	44403	427	10	b
822.16	44675	469	10	g
825.57	44989	462	10	b
828.28	45234	490	10	g
830.52	45414	467	10	b
833.78	45698	487	10	g
835.99	45877	499	10	b
840.32	46214	497	10	g
842.04	46339	514	10	b
844.67	46549	499	10	g
847.02	46745	493	10	b
850.11	46988	440	10	g
852.59	47188	432	10	g
852.98	47221	441	10	g
855.78	47471	425	10	g
858.05	47668	437	10	b
861.08	47952	453	10	g
863.52	48173	414	10	b
869.02	48678	435	10	b
871.82	48939	461	10	g
875.04	49257	464	10	b
877.77	49488	434	10	g
880.53	49716	452	10	g
882.70	49890	492	10	g
886.04	50192	470	10	b
888.78	50441	489	10	g
891.02	50622	493	10	b
894.28	50921	510	10	g
896.55	51144	515	10	b
899.78	51427	544	10	g
902.02	51621	517	10	b
905.28	51883	531	10	g
908.03	52120	527	10	g
910.70	52349	567	10	g
913.02	52532	543	10	b
916.28	52814	529	10	g
918.52	52989	530	10	b
921.27	53199	535	10	g
924.02	53432	513	10	b
927.28	53689	438	10	g
929.52	53872	438	10	b
932.27	54100	437	10	g
935.53	54403	462	10	g

940.52	54831	476	10	b
943.75	55085	514	10	g
946.02	55288	461	10	b
949.28	55592	466	10	g
951.43	55796	534	10	g
951.54	55807	483	10	b
957.02	56316	546	10	b
960.28	56592	550	10	g
962.52	56790	543	10	g
963.03	56843	554	10	g
968.02	57256	542	10	b
971.28	57536	515	10	g
973.52	57721	520	10	b
976.78	57993	561	10	g
979.02	58158	554	10	b
981.77	58391	502	10	g
984.52	58610	523	10	b
987.78	58880	454	10	g
990.02	59054	442	10	g
993.28	59366	435	10	g
995.52	59590	425	10	b
998.78	59865	443	10	g
1001.02	60049	426	10	b
1004.28	60341	430	10	g
1006.52	60548	425	10	b
1009.27	60812	412	10	g
1009.78	60848	437	10	g
1012.02	61051	432	10	b
1018.03	61647	431	10	g
1020.78	61957	439	10	g
1023.02	62202	430	10	b
1026.28	62556	444	10	g
1028.52	62819	444	10	b
1031.78	63203	468	10	g
1034.02	63432	484	10	b
1037.28	63767	489	10	g
1039.51	64017	434	10	b
1042.78	64350	440	10	g
1045.53	64654	462	10	g
1048.28	64984	461	10	g
1050.52	65259	457	10	b
1053.78	65615	476	10	g
1056.51	65926	444	10	b
1059.28	66255	461	10	g

1061.52	66489	449	10	b
1064.78	66818	459	10	g
1067.02	67076	453	10	b
1070.28	67432	471	10	g
1073.03	67732	480	10	g
1075.78	68036	451	10	g
1078.02	68279	456	10	b
1081.28	68684	474	10	g
1083.52	68976	460	10	b
1086.78	69360	462	10	g
1089.02	69586	450	10	b
1092.27	69933	490	10	g
1094.52	70171	473	10	b
1097.78	70445	470	10	g
1100.02	70633	475	10	g
1102.77	70866	482	10	g
1105.55	71098	449	10	b
1108.27	71353	431	10	g
1111.02	71611	432	10	b
1113.77	71891	432	10	g
1116.52	72209	457	10	b
1119.27	72529	453	10	g
1122.02	72854	448	10	b
1124.77	73125	452	10	g
1127.57	73433	451	10	g
1130.27	73685	461	10	g
1133.02	73916	469	10	b
1135.77	74157	467	10	g
1138.52	74391	477	10	b
1141.27	74631	461	10	g
1144.02	74885	416	10	b
1146.77	75139	415	10	g
1149.52	75425	424	10	b
1152.27	75712	438	10	g
1155.02	75972	422	10	g
1157.77	76241	466	10	g
1160.52	76529	442	10	b
1163.27	76796	442	10	g
1166.02	77056	472	10	b
1168.77	77317	475	10	g
1171.52	77594	450	10	b
1174.27	77885	463	10	g
1177.02	78150	477	10	b
1179.22	78366	487	10	g

1182.55	78646	497	10	g
1185.27	78911	512	10	g
1188.02	79147	515	10	b
1190.77	79398	515	10	g
1193.52	79626	536	10	b
1196.27	79874	563	10	g
1199.02	80104	535	10	b
1201.77	80322	550	10	g
1204.52	80570	549	10	b
1207.27	80802	548	10	g
1210.52	81076	584	10	g
1212.82	81284	576	10	g
1215.52	81524	595	10	b
1218.27	81741	571	10	g
1221.02	81983	606	10	b
1223.77	82212	617	10	g
1226.52	82418	616	10	b
1229.27	82640	622	10	g
1232.02	82866	629	10	b
1234.77	83067	631	10	g
1237.52	83277	560	10	g
1240.27	83511	515	10	g
1243.02	83739	485	10	b
1245.77	83972	465	10	g
1248.52	84225	464	10	b
1251.27	84461	445	10	g
1254.02	84701	450	10	b
1256.77	84949	443	10	g
1259.52	85205	452	10	b
1262.27	85441	454	10	g
1265.57	85766	429	10	g
1267.77	85946	425	10	g
1270.52	86208	468	10	b
1273.27	86472	429	10	g
1276.02	86726	448	10	b
1278.77	87004	446	10	g
1281.52	87340	480	10	b
1284.27	87614	507	10	g
1287.02	87901	502	10	b
1289.77	88201	508	10	g
1292.52	88509	501	10	b
1295.27	88778	494	10	g
1298.02	89061	494	10	b
1300.77	89322	476	10	g

1303.55	89581	463	10	b
1309.02	90114	445	10	b
1311.77	90400	447	10	g
1314.52	90694	461	10	b
1317.27	90962	437	10	g
1320.02	91238	432	10	g
1322.77	91552	448	10	g
1325.52	91797	447	10	b
1328.27	92063	437	15.7	g
1331.02	92346	437	10	b
1333.77	92612	442	10	g
1336.52	92892	439	10	b
1342.02	93431	436	10	b
1344.77	93683	442	10	g
1347.52	93941	434	10	g
1350.27	94198	454	10	g
1353.02	94457	436	10	b
1355.77	94701	453	22.2	g
1358.52	94963	442	10	b
1361.27	95236	435	10	g
1364.02	95488	453	10	b
1366.77	95759	464	10	g
1369.52	96021	486	10	b
1372.27	96298	479	10	g
1375.02	96557	495	16.5	g
1377.77	96826	501	10.7	g
1380.52	97085	491	10	b
1383.27	97346	487	10	g
1386.02	97622	505	10	b
1388.77	97884	506	10	g
1391.52	98145	511	10	b
1394.30	98393	512	10	g
1397.02	98666	524	10	b
1399.77	98942	526	10	g
1402.52	99223	526	10	g
1405.27	99492	525	10	g
1408.02	99755	530	10	b
1410.77	100024	530	10	g
1413.52	100329	547	10	b
1416.27	100619	537	19.4	g
1419.02	100899	547	10	b
1421.77	101169	538	10	g
1424.52	101431	542	10	b
1427.27	101691	511	10	g

1430.53	102022	491	10	g
1432.77	102245	509	10	g
1435.52	102542	472	10	b
1438.27	102843	470	10	g
1441.02	103157	498	10	b
1443.77	103458	515	10	g
1446.52	103787	559	10	b
1449.27	104104	573	10	g
1452.02	104420	581	10	b
1454.77	104724	602	10	g
1457.52	105034	596	10	g
1460.27	105364	572	10	g
1463.02	105699	618	10	b
1465.77	105992	601	10	g
1468.52	106276	595	10	b
1471.27	106548	591	10	g
1474.02	106849	483	10	b
1476.77	107157	445	10	g
1479.52	107480	460	10	b
1482.27	107818	464	10	g
1485.02	108185	475	10	g
1487.77	108577	486	10	g
1490.52	108962	508	10	b
1493.27	109311	495	10	g
1496.02	109649	509	10	b
1498.77	109993	502	10	g
1501.52	110330	505	10	b
1504.27	110670	492	10	g
1507.02	110982	496	10	b
1509.80	111309	473	10	g
1512.52	111649	474	13.3	g
1515.27	111985	456	10	g
1518.02	112311	455	10	b
1520.80	112633	464	10	g
1523.52	112953	467	10	b
1526.78	113334	451	10	g
1529.02	113596	471	10	b
1531.77	113887	471	10	g
1537.27	114456	473	10	g
1540.02	114729	474	10	g
1542.77	115002	472	10	g
1545.52	115265	501	10	b
1548.27	115536	496	17.7	g
1551.02	115813	501	10	b

1553.77	116073	495	10	g
1556.52	116338	504	10	b
1559.27	116599	528	10	g
1562.02	116842	544	10	b
1564.77	117095	533	10	g
1567.52	117340	546	10	g
1573.02	117816	548	10	b
1575.77	118036	545	10	g
1578.52	118269	579	10	b
1581.27	118509	565	10	g
1584.02	118744	578	10	b
1586.77	118963	579	10	g
1590.04	119240	591	10	b
1592.27	119412	567	10	g
1595.02	119629	571	10	g
1597.77	119842	566	10	g
1600.52	120070	576	10	b
1603.27	120273	568	10	g
1606.02	120497	591	10	b
1608.77	120713	613	10	g
1611.52	120915	598	10	b
1614.27	121123	601	11.5	g
1617.02	121334	613	10	b
1619.77	121536	610	10	g
1622.52	121742	603	10	g
1625.27	121947	609	10	g
1628.02	122161	607	10	b
1630.77	122357	608	10	g
1633.52	122555	599	10	b
1636.27	122767	607	10	g
1639.52	123003	607	10	b
1641.77	123182	608	10	g
1644.52	123388	615	10	b
1647.32	123589	616	10	g
1650.02	123800	611	10	g
1652.77	123998	614	10	g
1655.52	124193	621	10	b
1658.27	124390	622	10	g
1661.54	124654	632	10	b
1663.77	124822	627	10	g
1666.52	125021	642	10	b
1669.27	125225	642	10	g
1672.02	125436	647	10	b
1674.77	125634	656	10	g

1677.55	125865	658	10	g
1680.27	126059	650	10	g
1683.02	126272	660	10	b
1685.77	126487	640	10	g
1688.52	126679	651	10	b
1691.27	126856	650	10	g
1694.02	127030	646	10	b
1696.77	127228	670	10	g
1699.52	127421	677	10	b
1702.27	127596	681	10	g
1702.78	127637	679	10	g
1705.02	127774	692	10	g
1707.77	127933	706	10	g
1710.52	128108	715	10	b
1713.27	128270	704	10	g
1716.02	128423	722	10	b
1718.77	128585	726	10	g
1721.53	128750	644	10	b
1724.27	128921	535	10	g
1727.02	129097	537	10	b
1729.77	129274	552	10	g
1732.52	129445	551	10	g
1735.27	129629	531	10	g
1738.02	129806	515	10	b
1740.77	130011	512	10	g
1744.01	130233	499	10	b
1746.27	130409	521	10	g
1749.02	130640	518	10	b
1751.77	130875	487	10	g
1754.52	131113	493	10	b
1757.27	131351	494	10	g
1760.02	131624	479	10	g
1762.77	131906	456	10	g
1765.52	132208	461	10	b
1768.27	132546	462	10	g
1771.02	132876	460	10	b
1773.77	133239	449	10	g
1776.53	133603	506	10	b
1779.27	133984	428	10	g
1782.02	134389	436	10	b
1784.77	134800	415	10	g
1787.52	135302	404	10	g
1790.32	135803	382	10	g
1793.49	136372	409	10	b

1795.77	136806	375	10	g
1799.56	137525	395	10	b
1801.27	137819	395	10	g
1804.57	138451	406	10	b
1806.77	138869	368	10	g
1809.52	139405	432	10	b
1812.27	139971	358	10	g
1815.02	140518	342	10	g
1817.77	141075	349	10	g
1820.52	141618	359	10	b
1823.27	142167	368	11	g
1826.49	142777	375	10	b
1828.77	143210	385	10	g
1831.55	143799	401	10	b
1834.30	144302	401	10	g
1837.02	144834	375	10	b
1839.77	145399	391	10	g
1843.03	146029	402	10	g
1845.27	146433	410	10	g
1848.49	147048	421	10	b
1850.77	147509	423	10	g
1853.52	148034	471	10	b
1856.30	148582	428	10	g
1859.49	149190	433	10	b
1861.77	149636	441	10	g
1864.52	150126	404	10	b
1867.32	150648	400	10	g
1870.02	151183	432	10	g
1872.82	151715	422	10	g
1875.99	152361	426	10	b
1878.27	152781	413	10	g
1881.03	153338	402	10	b
1883.77	153922	403	10	g
1886.52	154465	393	10	b
1889.27	155022	385	10	g
1892.02	155565	407	10	b
1894.77	156158	399	10	g
1897.52	156783	422	11.3	g
1900.32	157431	400	10	g
1903.02	157997	410	10	b
1905.77	158520	407	10	g
1908.52	158998	440	10	b
1911.27	159476	407	10	g
1914.02	160008	415	10	b

1916.77	160611	410	10	g
1919.98	161339	424	10	b
1922.27	161790	413	10	g
1925.02	162321	442	10	g
1927.77	162846	411	10	g
1930.52	163365	417	10	b
1933.32	163974	393	10	g
1936.03	164549	384	10	b
1938.77	165148	424	10	g
1941.52	165733	433	10	b
1944.27	166310	449	10	g
1947.02	166907	479	10	b
1949.77	167490	495	10	g
1952.52	168011	496	10	g
1955.27	168492	445	10	g
1958.02	169001	478	10	b
1960.77	169553	442	10	g
1963.53	170163	448	10	b
1966.27	170766	484	10	g
1969.02	171347	480	10	b
1974.52	172430	433	10	b
1977.78	173139	456	10	g
1980.02	173633	427	10	g
1982.77	174186	457	10	g
1985.52	174739	471	10	b
1988.27	175341	466	10	g
1991.02	176029	499	10	b
1993.77	176674	547	10	g
1996.52	177251	550	10	b
1999.27	177778	542	11	g
2002.47	178421	479	10	b
2004.77	178919	483	10	g
2007.52	179577	452	10	g
2010.27	180220	490	10	g
2013.51	181019	496	10	b
2015.77	181564	496	10	g
2018.52	182273	528	10	b
2021.27	182915	530	10	g
2024.51	183716	532	10	b
2026.77	184208	514	10	g
2029.52	184855	476	10	b
2032.27	185543	459	10	g
2035.02	186206	447	10	g
2038.23	186912	437	10	g

2040.52	187416	446	10	b
2043.30	187931	462	10	g
2046.02	188497	425	10	b
2048.77	189023	423	10	g
2051.52	189601	432	10	b
2054.27	190259	470	10	g
2057.54	191070	471	10	b
2059.82	191602	496	10	g
2062.52	192100	512	10	g
2065.36	192692	503	10	g
2068.02	193279	493	10	b
2070.77	193915	472	14.4	g
2073.52	194500	488	10	b
2076.27	195063	530	10	g
2079.02	195605	534	10	b
2081.77	196104	548	15.6	g
2084.52	196616	564	10	b
2087.27	197115	589	10	g
2090.07	197582	579	10	g
2092.77	198036	598	10	g
2095.52	198465	609	10	b
2098.27	198904	668	10	g
2101.02	199350	627	10	b
2107.04	200348	539	10	b
2109.32	200741	530	10	g
2112.54	201294	539	10	b
2114.77	201659	541	10	g
2117.52	202163	466	10	g
2120.27	202676	489	10	g
2123.02	203252	436	10	b
2125.77	203797	493	10	g
2128.52	204351	462	10	b
2131.27	204886	488	10	g
2134.02	205376	490	10	b
2136.77	205882	506	10	g
2139.52	206351	487	10	b
2142.27	206852	499	10	g
2145.02	207340	513	10	g
2147.77	207786	504	10	g
2151.07	208353	515	10	b
2153.27	208713	511	10	g
2156.02	209153	532	10	b
2158.82	209613	548	10	g
2161.52	210053	565	10	b

2164.27	210478	558	10	g
2167.02	210904	579	10	b
2169.77	211350	593	10	g
2172.52	211802	577	10	g
2175.32	212261	583	10	g
2178.02	212692	586	10	b
2180.77	213129	573	10	g
2183.52	213588	574	10	b
2186.27	214052	591	10	g
2189.02	214519	561	10	b
2191.77	214965	569	10	g
2194.52	215431	506	10	b
2197.27	215915	457	10	g
2200.02	216402	480	10	g
2202.73	216940	454	10	g
2203.83	217166	443	10	g
2204.93	217406	452	10	g
2206.03	217642	445	10	g
2206.63	217767	453	10	g
2208.23	218168	460	10	g
2209.30	218425	495	10	g
2210.43	218683	461	10	g
2211.53	218948	469	10	g
2212.63	219216	489	10	g
2213.73	219493	508	16.8	g
2214.83	219775	538	10	g
2215.90	220065	477	10	g
2217.03	220376	484	10	g
2218.13	220679	491	10	g
2219.23	220988	488	10	g
2220.33	221324	501	10	g
2221.38	221644	495	10	g
2222.53	221985	504	10	g
2223.63	222288	528	10	g
2224.70	222579	519	10	g
2225.83	222929	543	10	g
2226.93	223266	489	10	g
2228.00	223602	464	10	g
2228.84	223868	504	10	g
2230.23	224332	476	10	g
2231.28	224687	496	10	g
2231.93	224900	516	10	g
2235.23	225906	556	10	g
2236.83	226256	532	10	g

2237.92	226537	547	10	g
2238.53	226713	547	10	g
2240.13	227185	503	10	g
2241.23	227532	504	10	g
2242.33	227888	491	10	g
2243.43	228247	517	10	g
2244.53	228592	490	10	g
2245.63	228942	471	10	g
2246.73	229261	473	10	g
2247.33	229421	464	10	g
2248.93	229877	474	10	g
2249.98	230181	506	10	g
2251.13	230522	456	10	g
2252.23	230864	417	10	g
2253.33	231210	429	10	g
2253.93	231405	431	10	g
2255.53	231844	429	10	g
2256.63	232135	433	10	g
2257.73	232434	440	10	g
2258.83	232761	434	10	g
2259.93	233053	419	10	g
2261.03	233327	429	10	g
2262.08	233593	457	10	g
2263.23	233874	430	10	g
2264.33	234149	426	10	g
2265.43	234431	433	10	g
2266.53	234681	453	10	g
2267.58	234937	519	10	g
2268.23	235078	462	10	g
2269.83	235427	478	10	g
2270.93	235692	499	10	g
2272.00	235920	508	10	g
2272.87	236101	481	10	g
2274.23	236390	512	10	g
2275.33	236611	518	10	g
2276.43	236862	529	10	g
2277.00	236992	554	10	b
2277.53	237108	543	10	g
2278.63	237309	545	10	g
2279.21	237432	548	10	b
2280.83	237765	539	10	g
2281.40	237874	565	10	b
2281.93	237981	557	10	g
2282.53	238109	554	10	g

2283.60	238318	566	10	b
2284.08	238415	550	10	g
2285.23	238641	549	10	g
2285.80	238754	588	10	b
2286.33	238848	549	10	g
2286.88	238948	559	10	g
2287.43	239049	565	10	g
2288.00	239154	579	10	b
2288.53	239268	564	10	g
2289.63	239490	566	10	g
2290.20	239574	577	10	b
2290.73	239661	562	10	g
2291.80	239835	594	10	g
2292.40	239934	597	10	b
2292.93	240027	592	10	g
2294.03	240213	601	10	g
2294.60	240303	606	10	b
2295.13	240391	599	10	g
2296.23	240579	609	10	g
2296.80	240671	616	10	b
2297.33	240761	616	10	g
2298.43	240937	611	10	g
2299.00	241025	627	10	b
2299.53	241104	623	10	g
2300.63	241279	641	10	g
2301.21	241378	661	10	b
2302.83	241617	648	10	g
2303.40	241690	667	10	b
2303.93	241754	653	10	g
2305.03	241907	673	10	g
2305.60	241977	696	10	b
2306.13	242046	680	10	g
2307.23	242198	594	10	g
2307.80	242278	523	10	b
2308.33	242356	539	10	g
2309.43	242510	521	10	g
2310.00	242597	515	10	b
2310.53	242673	519	10	g
2311.63	242833	525	10	g
2312.23	242923	542	10	g
2314.96	243346	538	10	g
2315.53	243438	558	10	g
2317.13	243706	546	10	g
2318.23	243922	541	10	g

2319.33	244155	528	10	g
2320.43	244385	528	10	g
2321.53	244610	523	10	g
2322.63	244850	519	10	g
2323.73	245080	502	10	g
2324.32	245222	503	10	g
2325.93	245595	494	10	g
2327.03	245884	475	10	g
2328.14	246193	486	10	g
2329.23	246532	513	10	g
2330.33	246884	508	10	g
2330.93	247073	545	10	g
2332.53	247563	525	10	g
2333.63	247861	525	10	g
2334.23	248038	540	10	g
2335.83	248528	473	10	g
2336.92	248851	466	10	g
2338.03	249179	408	10	g
2339.13	249546	410	10	g
2340.23	249907	413	10	g
2341.33	250261	408	10	g
2342.43	250620	432	10	g
2345.73	251732	401	10	g
2346.83	252157	395	10	g
2347.90	252542	396	10	g
2349.03	252930	401	10	g
2350.13	253301	398	10	g
2351.20	253688	426	10	g
2351.83	253909	427	10	g
2353.43	254442	420	10	g
2354.53	254787	405	10	g
2355.63	255154	442	10	g
2356.73	255547	422	10	g
2357.83	255966	448	10	g
2358.93	256300	475	10	g
2360.03	256693	466	10	g
2361.13	257078	483	10	g
2362.23	257440	465	10	g
2362.83	257622	450	10	g
2364.43	258163	493	10	g
2365.53	258512	510	10	g
2366.63	258891	496	10	g
2367.70	259279	430	10	g
2368.83	259671	473	10	g

2369.93	260017	451	10	g
2371.03	260406	434	10	g
2372.13	260799	456	10	g
2373.23	261157	452	10	g
2374.33	261559	424	10	g
2375.43	261948	443	10	g
2376.53	262337	480	10	g
2377.63	262745	482	10	g
2378.73	263141	509	10	g
2379.83	263462	462	10	g
2380.93	263843	414	10	g
2382.03	264223	417	10	g
2383.13	264595	398	10	g
2384.23	264978	415	10	g
2385.33	265369	412	10	g
2386.43	265793	422	10	g
2387.53	266230	417	10	g
2388.63	266629	384	10	g
2389.73	267068	425	10	g
2390.83	267517	414	10	g
2391.93	267955	418	10	g
2393.03	268396	454	10	g
2394.13	268848	423	10	g
2395.23	269298	454	10	g
2395.83	269543	439	10	g
2397.43	270202	460	10	g
2398.53	270648	441	10	g
2399.63	271117	458	10	g
2400.73	271607	453	10	g
2401.33	271832	445	10	g
2402.93	272512	470	10	g
2403.53	272783	451	10	g
2405.13	273503	483	10	g
2406.23	273948	467	10	g
2407.33	274416	463	10	g
2408.43	274884	475	10	g
2409.53	275358	455	10	g
2410.63	275824	479	10	g
2411.73	276270	504	10	g
2412.83	276674	467	10	g
2413.93	277101	452	10	g
2415.03	277549	480	10	g
2415.63	277795	466	10	g
2417.23	278456	428	10	g

2417.83	278710	438	10	g
2419.34	279313	420	10	g
2420.53	279768	463	10	g
2421.63	280147	455	10	g
2422.23	280346	473	10	g
2423.78	280893	462	10	g
2424.93	281302	448	10	g
2426.03	281732	457	10	g
2427.13	282121	468	10	g
2428.23	282511	425	10	g
2429.33	282891	453	10	g
2430.43	283253	471	10	g
2431.48	283611	499	10	g
2432.63	283986	509	10	g
2433.73	284366	465	10	g
2434.83	284733	477	10	g
2435.93	285070	457	10	g
2437.03	285431	470	10	g
2438.13	285789	486	10	g
2439.23	286136	495	10	g
2440.33	286495	500	10	g
2441.43	286838	507	10	g
2442.53	287159	520	10	g
2443.63	287495	529	10	g
2444.73	287827	514	10	g
2445.83	288126	521	10	g
2446.93	288482	511	10	g
2448.03	288833	532	10	g
2449.13	289191	530	10	g
2450.18	289525	531	10	g
2451.33	289851	547	10	g
2452.43	290168	524	10	g
2455.73	291229	454	10	g
2456.83	291633	459	10	g
2457.93	292029	448	10	g
2459.00	292388	453	10	g
2460.13	292768	444	10	g
2460.70	292959	454	10	b
2462.33	293626	482	10	g
2462.90	293866	521	10	b
2464.53	294534	489	10	g
2465.10	294795	501	10	b
2466.73	295458	552	10	g
2467.30	295665	564	10	b

2468.93	296258	587	10	g
2469.50	296466	524	10	b
2471.13	297060	488	10	g
2471.70	297265	505	21.1	b
2473.33	297945	467	10	g
2473.90	298185	491	10	b
2475.53	298893	519	10	g
2476.10	299091	518	10	b
2477.73	299738	496	10	g
2478.83	300122	518	10	g
2479.40	300322	520	10	b
2481.03	300921	459	10	g
2481.60	301142	487	10	b
2483.23	301824	453	10	g
2483.80	302056	453	10	b
2485.43	302617	456	10	g
2486.00	302848	462	10	b
2487.63	303432	466	10	g
2488.20	303637	477	10	b
2489.83	304262	491	10	g
2490.40	304472	490	10	b
2492.03	305047	498	10	g
2492.60	305237	505	10	b
2494.23	305802	451	10	g
2494.80	306004	449	10	b
2496.43	306638	459	10	g
2497.00	306869	485	10	b
2498.58	307556	459	10	g
2499.20	307795	466	10	b
2500.83	308450	478	10	g
2501.40	308670	509	10	b
2503.03	309322	467	10	g
2503.60	309560	460	10	b
2505.23	310196	461	10	g
2505.80	310433	493	10	b
2507.43	311027	470	10	g
2508.00	311233	517	10	b
2509.63	311862	515	10	g
2510.20	312051	516	10	b
2511.83	312673	522	10	g
2512.40	312870	540	10	b
2514.03	313386	548	10	g
2514.60	313551	568	10	b
2516.23	314110	553	10	g

2516.80	314298	634	10	b
2518.43	314855	618	10	g
2519.00	315045	606	10	b
2520.63	315565	598	10	g
2521.20	315763	635	10	b
2522.83	316289	607	10	g
2523.40	316472	515	10	b
2525.03	317027	465	10	g
2525.60	317230	459	10	b
2527.23	317801	445	10	g
2527.80	318009	480	10	b
2529.43	318620	481	10	g
2530.00	318837	479	10	b
2531.63	319461	478	10	g
2532.20	319665	480	10	b
2533.83	320268	498	10	g
2534.40	320472	503	10	b
2536.03	321023	521	10	g
2536.60	321214	529	10	b
2538.23	321731	519	10	g
2538.80	321910	528	10	b
2540.43	322406	519	10	g
2541.00	322576	533	10	b
2542.63	323064	544	10	g
2543.20	323228	557	10	b
2544.83	323672	593	10	g
2545.40	323813	568	10	b
2546.98	324241	580	10	g
2547.60	324409	590	10	b
2549.23	324841	612	10	g
2549.80	324997	617	10	b
2551.43	325417	626	10	g
2552.00	325555	644	10	b
2553.63	325950	633	10	g
2554.20	326098	635	10	b
2555.81	326487	611	10	g
2556.40	326623	634	10	b
2558.03	327027	644	10	g
2558.60	327169	654	10	b
2560.23	327563	642	10	g
2560.80	327701	662	10	b
2562.43	328082	657	10	g
2565.20	328742	669	10	b
2566.83	329179	636	10	g

2567.40	329326	658	10	b
2569.03	329727	643	10	g
2569.60	329870	663	10	b
2571.23	330242	621	10	g
2571.80	330381	637	10	b
2573.43	330755	615	10	g
2574.00	330900	637	10	b
2575.58	331288	636	10	g
2576.20	331425	649	10	b
2577.78	331782	673	10	g
2578.93	332040	721	10	g
2579.50	332149	726	10	b
2581.08	332457	738	10	g
2581.70	332576	776	10	b
2583.28	332875	798	10	g
2583.90	332988	797	10	b
2585.48	333284	599	10	g
2586.61	333504	590	10	g
2587.68	333718	604	10	g
2588.30	333839	607	10	b
2589.88	334144	631	10	g
2590.50	334286	652	10	b
2592.08	334637	581	10	g
2592.70	334778	597	10	b
2594.29	335162	570	10	g
2594.90	335310	566	10	b
2596.48	335748	537	10	g
2597.10	335946	531	10	b
2598.70	336443	496	10	g
2599.30	336652	504	10	b
2600.93	337187	486	10	g
2601.50	337414	486	10	b
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2604.14	338565	445	10	g
2604.23	338607	445	10	g
2605.33	339122	465	10	g
2605.90	339397	460	10	b
2607.53	340210	449	10	g
2608.10	340526	439	10	b
2609.73	341491	395	10	g
2610.30	341840	394	10	b
2611.93	342836	370	10	g
2613.00	343421	366	10	g
2614.13	344111	375	10	g

2614.70	344483	368	10	b
2616.30	345351	374	10	g
2616.90	345679	389	10	b
2618.53	346608	391	10	g
2619.63	347204	417	10	g
2620.73	347852	403	10	g
2621.30	348173	421	10	b
2622.93	349046	459	10	g
2623.50	349346	407	10	b
2625.13	350169	392	10	g
2625.70	350456	402	10	b
2627.33	351426	414	10	g
2627.90	351759	403	10	b
2629.53	352646	397	10	g
2630.61	353222	405	10	g
2631.73	353844	395	10	g
2632.83	354536	406	10	g
2633.93	355205	403	10	g
2635.03	355842	404	10	g
2636.13	356504	420	10	g
2637.22	357194	435	10	g
2638.33	357857	431	10	g
2639.43	358574	417	10	g
2640.53	359202	418	10	g
2641.63	359863	456	10	g
2642.73	360513	415	10	g
2643.83	361222	420	10	g
2644.93	361842	466	10	g
2646.03	362441	433	10	g
2647.12	363043	487	10	g
2648.23	363649	413	10	g
2649.33	364269	449	10	g
2650.43	364942	416	10	g
2651.53	365577	460	10	g
2652.63	366206	416	10	g
2653.73	366850	403	10	g
2654.83	367431	460	10	g
2655.93	368074	422	10	g
2657.03	368738	422	10	g
2658.13	369324	444	10	g
2659.23	369917	518	10	g
2660.33	370497	508	10	g
2661.43	371134	491	10	g
2662.53	371763	502	10	g

2663.63	372328	523	10	g
2664.73	372893	540	10	g
2665.83	373467	451	10	g
2666.93	374092	445	10	g
2668.03	374785	426	10	g
2669.13	375451	426	10	g
2670.23	376106	433	10	g
2671.33	376706	445	10	g
2672.43	377330	442	10	g
2675.73	379119	494	10	g
2676.83	379707	485	10	g
2677.93	380256	548	10	g
2679.03	380863	544	10	g
2680.13	381423	548	10	g
2681.23	381955	601	10	g
2682.33	382547	587	10	g
2683.40	383125	482	10	g
2684.53	383713	536	10	g
2685.63	384291	561	10	g
2686.71	384857	553	10	g
2687.83	385452	577	10	g
2688.93	386030	594	10	g
2690.03	386615	637	10	g
2691.13	387178	531	10	g
2692.23	387768	463	10	g
2693.33	388422	452	10	g
2694.43	389115	472	10	g
2695.53	389771	568	10	g
2696.63	390390	525	10	g
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2698.78	391532	488	10	g
2699.93	392145	489	10	g
2701.03	392666	498	10	g
2702.13	393193	485	10	g
2703.23	393699	562	10	g
2704.33	394196	550	10	g
2705.43	394677	594	10	g
2706.51	395128	585	10	g
2707.58	395554	603	10	g
2708.73	396057	594	10	g
2709.83	396524	602	10	g
2710.93	396914	590	10	g
2712.03	397339	605	10	g
2713.13	397761	600	10	g

2714.20	398175	612	10	g
2715.33	398595	608	10	g
2716.43	399020	593	10	g
2717.53	399415	580	10	g
2718.60	399808	607	10	g
2719.73	400204	607	10	g
2720.80	400592	662	10	g
2721.93	400979	628	10	g
2723.03	401336	627	10	g
2724.13	401709	633	10	g
2725.23	402090	646	10	g
2726.33	402455	642	10	g
2727.43	402816	640	10	g
2728.53	403179	653	10	g
2729.63	403552	681	10	g
2730.73	403901	664	10	g
2731.83	404254	674	10	g
2732.93	404665	661	10	g
2734.03	405009	663	10	g
2735.13	405368	659	10	g
2736.23	405728	700	10	g
2737.28	406069	708	10	g
2738.43	406453	672	10	g
2739.53	406823	691	10	g
2740.63	407172	736	10	g
2741.73	407544	710	10	g
2742.83	407909	681	10	g
2743.93	408310	695	10	g
2745.03	408690	711	10	g
2746.08	409065	714	10	g
2747.23	409474	699	10	g
2748.33	409870	710	10	g
2749.43	410307	713	10	g
2750.53	410739	701	10	g
2751.63	411171	694	10	g
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2753.80	412062	712	10	g
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2757.13	413561	690	10	g
2758.15	414032	696	10	g
2759.33	414576	677	10	g
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2761.53	415568	639	10	g

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2763.70	416571	633	10	g
2764.83	417082	634	10	g
2765.23	417257	671	10	g
2765.93	417568	647	10	g
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2767.03	418105	635	10	g
2767.47	418316	658	10	g
2768.13	418622	660	10	g
2768.73	418890	655	10	g
2769.73	419366	665	10	g
2770.33	419675	687	10	g
2770.73	419876	674	10	g
2771.43	420241	695	10	g
2771.85	420446	678	10	g
2772.50	420742	699	10	g
2773.63	421356	703	10	g
2774.03	421565	684	10	g
2774.73	421981	689	10	g
2775.11	422157	672	10	g
2775.83	422546	689	10	g
2776.90	423019	660	10	g
2777.53	423351	649	10	g
2778.43	423826	622	10	g
2779.13	424216	598	10	g
2779.54	424408	604	10	g
2780.23	424716	618	10	g
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2780.83	424967	584	10	g
2781.21	425174	498	10	g
2781.33	425229	503	10	g
2782.05	425613	508	10	g
2782.87	426027	457	10	g
2783.53	426397	463	10	g
2783.95	426613	459	10	g
2784.63	427082	465	10	g
2785.03	427385	412	10	g
2785.70	427851	418	10	g
2786.83	428779	472	10	g
2787.23	429133	406	10	g
2787.93	429789	382	10	g
2788.19	430033	380	10	g

2789.03	430798	385	10	g
2789.45	431194	394	10	g
2790.13	431914	389	10	g
2791.23	433070	392	10	g
2792.33	434102	381	10	g
2793.43	435315	381	10	g
2794.53	436463	385	10	g
2795.63	437658	395	10	g
2796.35	438431	392	10	g
2797.83	440096	405	10	g
2798.42	440670	400	10	b
2799.53	441876	438	10	g
2800.62	443067	439	10	b
2801.09	443533	439	10	b
2801.72	444186	491	10	b
2802.16	444582	427	10	b
2802.82	445223	409	10	b
2803.26	445762	452	10	b
2804.04	446579	474	10	b
2804.39	446931	506	10	b
2805.02	447614	427	10	b
2806.12	448688	389	10	b
2807.22	449912	381	10	b
2808.33	451101	384	10	g
2809.42	452199	403	10	b
2810.52	453424	426	10	b
2810.98	453892	486	10	b
2811.62	454686	468	10	b
2812.09	455240	434	15.7	b
2812.73	456011	412	10	g
2813.82	457424	408	10	b
2814.92	458891	398	10	b
2816.02	460160	409	10	b
2816.49	460717	424	10	b
2817.13	461547	521	10	g
2817.59	462090	463	10	b
2818.22	462847	491	10	b
2819.35	464250	448	10	b
2820.42	465669	442	10	b
2821.53	467070	491	10	g
2821.96	467677	491	10	b
2822.62	468380	430	10	b
2823.72	469423	443	10	b
2824.82	470473	482	10	b

2825.93	471612	482	10	g
2827.02	472626	440	10	b
2828.12	473674	456	10	b
2829.22	474732	475	10	b
2830.33	475784	504	10	g
2831.42	476772	517	10	b
2832.52	477675	528	10	b
2833.62	478702	496	10	b
2834.73	479710	531	10	g
2835.19	480085	504	10	b
2835.82	480637	492	10	b
2836.92	481552	504	10	b
2838.02	482408	507	10	b
2839.13	483277	516	10	g
2840.22	484106	544	10	b
2841.32	484920	543	10	b
2842.42	485717	569	10	b
2843.53	486455	583	10	g
2844.61	487220	583	10	b
2845.72	487933	615	10	b
2846.82	488643	624	10	b
2847.93	489384	588	10	g
2849.02	490115	558	10	b
2850.11	490830	584	10	b
2851.22	491606	534	10	b
2852.33	492388	501	10	g
2853.42	493162	500	10	b
2854.52	493943	517	10	b
2855.62	494738	496	10	b
2856.73	495513	514	10	g
2857.82	496272	522	10	b
2858.92	497010	516	10	b
2860.02	497773	506	10	b
2861.13	498527	509	10	g
2862.22	499276	499	10	b
2863.32	500018	496	10	b
2864.42	500777	512	10	b
2865.56	501571	522	10	g
2866.62	502249	517	10	b
2867.72	503038	515	10	b
2868.84	503805	549	10	b
2869.93	504480	566	10	g
2871.02	505155	524	10	b
2872.12	505949	579	10	b

2873.22	506692	601	10	b
2874.33	507400	573	10	g
2875.42	508115	582	10	b
2876.52	508907	557	10	b
2877.62	509665	533	10	b
2878.73	510442	520	10	g
2879.82	511190	495	10	b
2880.92	511926	487	10	b
2882.02	512667	486	10	b
2883.13	513397	488	10	g
2884.22	514118	496	10	b
2885.32	514805	507	10	b
2886.45	515495	519	10	b
2886.89	515758	483	10	b
2887.53	516129	477	10	g
2887.99	516404	501	10	b
2888.62	516772	508	10	b
2889.72	517417	507	10	b
2890.82	518045	512	10	b
2891.93	518672	499	10	g
2895.22	520597	524	10	b
2896.33	521261	522	10	g
2897.42	521905	535	10	b
2898.52	522590	516	10	b
2899.62	523317	534	10	b
2900.73	524078	518	10	g
2901.82	524823	534	10	b
2902.92	525585	538	10	b
2904.02	526314	541	10	b
2905.13	527090	529	10	g
2906.22	527878	518	10	b
2906.69	528194	520	10	b
2907.32	528701	464	10	b
2908.42	529574	441	10	b
2909.53	530569	450	10	g
2910.62	531630	420	10	b
2911.72	532716	422	10	b
2912.82	533851	458	10	b
2913.93	534918	449	10	g
2915.05	536138	490	10	b
2916.12	537238	497	10	b
2916.59	537729	467	10	b
2917.22	538410	448	10	b
2917.69	538935	415	10	b

2918.33	539619	400	10	g
2919.42	540796	391	10	b
2920.52	541980	408	10	b
2921.62	543191	405	10	b
2922.73	544348	427	10	g
2923.82	545449	418	10	b
2924.92	546657	409	10	b
2926.02	547534	390	10	b
2927.17	548537	434	10	g
2928.22	549454	456	10	b
2929.32	550303	472	10	b
2930.42	551097	477	10	b
2931.53	551938	491	10	g
2931.99	552320	443	10	b
2932.62	552680	431	10	b
2933.72	553319	471	10	b
2934.82	553966	501	10	b
2935.93	554580	519	10	g
2937.02	555123	557	10	b
2938.12	555614	578	10	b
2939.22	556118	575	10	b
2940.43	556728	531	10	b
2941.42	557173	496	10	b
2942.52	557673	443	10	b
2943.62	558177	443	10	b
2944.73	558695	468	10	g
2945.81	559240	492	10	b
2946.92	559761	501	10	b
2948.02	560241	516	10	b
2948.49	560450	511	10	b
2949.59	560922	464	10	b
2950.74	561403	484	10	b
2951.32	561642	486	10	b
2952.42	562088	497	10	b
2953.53	562499	495	10	g
2954.62	562919	532	10	b
2955.72	563344	529	10	b
2956.82	563731	554	10	b
2957.93	564135	550	10	g
2959.02	564522	579	10	b
2960.12	564909	581	10	b
2961.23	565285	589	10	b
2962.33	565685	577	10	g
2963.42	566058	627	10	b

2964.55	566451	618	10	b
2965.62	566839	626	10	b
2966.73	567218	620	10	g
2967.82	567592	603	10	b
2968.92	567987	615	10	b
2970.02	568380	613	10	b
2971.13	568771	589	10	g
2972.22	569159	590	10	b
2973.32	569548	589	10	b
2974.42	569947	588	10	b
2975.53	570369	580	10	g
2976.62	570766	597	10	b
2977.72	571179	594	10	b
2978.85	571602	610	10	b
2979.93	572001	604	10	g
2981.02	572425	614	10	b
2982.12	572849	612	10	b
2983.22	573262	613	10	b
2984.33	573699	598	10	g
2985.43	574147	620	10	b
2986.52	574596	605	10	b
2987.62	575047	600	10	b
2988.73	575523	581	10	g
2989.82	575989	589	10	b
2990.92	576503	584	10	b
2992.02	577002	597	10	b
2993.13	577533	579	10	g
2994.22	578050	602	10	b
2995.32	578592	602	10	b
2996.42	579149	618	10	b
2997.53	579738	609	10	g
2997.99	579954	521	10	b
2998.62	580323	505	10	b
2999.72	581064	484	10	b
3000.82	581974	488	10	b
3001.93	582906	482	10	g
3005.22	586367	470	10	b
3006.33	587546	451	10	g
3007.42	588615	468	10	b
3008.52	589836	480	10	b
3009.07	590380	428	10	b
3010.73	592154	483	10	g
3011.82	593338	510	10	b
3012.92	594462	539	10	b

3013.39	595109	463	10	b
3014.02	595900	448	10	b
3015.13	597274	465	10	g
3015.59	597934	496	10	b
3016.22	598795	544	10	b
3017.33	600231	534	10	b
3018.42	601645	542	10	b
3019.53	603066	526	10	g
3020.62	604462	503	10	b
3021.72	605857	533	10	b
3022.82	607155	538	10	b
3023.93	608425	578	10	g
3024.39	608891	577	10	b
3025.02	609587	583	10	b
3026.12	610789	593	10	b
3027.22	611955	620	10	b
3028.33	613170	601	10	g
3029.42	614353	620	10	b
3030.52	615580	617	10	b
3031.62	616953	611	10	b
3032.73	618346	604	10	g
3033.82	619680	602	10	b
3034.92	621047	609	10	b
3035.39	621696	627	10	b
3036.04	622576	661	14.4	b
3036.49	623180	618	10	b
3037.13	624017	572	10	g
3037.59	624596	573	10	b
3038.22	625471	478	10	b
3038.69	626020	474	10	b
3039.32	627026	386	10	b
3040.42	629090	356	10	b
3041.53	631745	376	10	g
3042.62	634297	361	10	b
3043.70	636877	373	10	b
3044.82	639599	373	14	b
3045.93	642439	369	10	g
3046.39	643184	386	10	b
3047.02	644475	429	10	b
3048.12	646656	429	10	b
3049.32	648892	426	10	b
3050.33	650677	414	10	g
3051.42	652655	409	10	b
3052.52	654481	397	10	b

3053.62	656091	414	10	b
3054.07	656807	398	10	b
3054.73	657745	344	10	g
3055.82	659404	359	10	b
3056.92	661034	402	10	b
3058.02	662524	384	10	b
3059.13	664034	414	10	g
3060.66	666218	376	10	g
3061.32	666980	374	10	b
3061.76	667590	365	10	g
3062.42	668326	385	10	b
3062.81	668792	390	10	g
3063.53	669629	396	10	g
3064.72	670915	489	10	b
3064.80	671000	483	10	b
3065.06	671226	439	10	g
3065.72	671924	462	10	b
3066.16	672332	471	10	g
3066.82	673063	529	10	b
3067.26	673438	512	10	g
3067.93	674114	562	10	g
3068.33	674408	564	10	g
3069.02	675109	554	10	b
3069.45	675540	551	10	g
3070.12	676156	536	10	b
3070.56	676548	455	10	g
3071.22	676973	466	10	b
3071.66	677292	464	10	g
3072.33	677864	491	10	g
3072.73	678186	495	10	g
3073.42	678832	494	10	b
3073.74	679099	500	10	b
3073.86	679196	544	10	g
3074.52	679736	460	10	b
3074.96	680111	446	10	g
3075.62	680556	466	10	b
3076.04	680846	490	10	g
3076.73	681417	482	10	g
3077.13	681772	486	10	g
3077.82	682389	505	10	b
3078.17	682653	523	16.8	b
3078.26	682727	543	10	g
3078.92	683260	494	10	b
3079.36	683567	498	10	g

3080.02	684055	499	10	b
3080.46	684386	504	10	g
3081.13	684862	520	10	g
3082.30	685699	508	10	b
3082.62	685925	514	10	g
3083.32	686391	521	10	b
3083.76	686687	523	10	g
3084.85	687424	538	10	g
3085.53	687886	529	10	g
3085.93	688154	527	10	g
3086.62	688585	538	10	b
3087.03	688848	542	10	g
3087.72	689296	557	10	b
3088.16	689559	540	10	g
3088.82	689983	555	10	b
3089.27	690280	549	10	g
3089.93	690707	561	10	g
3091.02	691366	584	10	b
3091.45	691622	568	10	g
3092.12	692035	570	10	b
3092.56	692303	557	10	g
3093.22	692700	596	15	b
3093.65	692956	602	10	g
3094.33	693366	590	10	g
3095.42	694005	615	10	b
3095.86	694263	629	10	g
3096.52	694649	639	10	b
3096.96	694905	635	10	g
3097.62	695299	652	10	b
3098.05	695571	632	10	g
3098.73	695980	647	10	g
3099.13	696229	643	10	g
3099.82	696643	645	10	b
3100.26	696918	624	10	g
3101.36	697608	604	10	g
3102.02	698047	605	10	b
3102.37	698274	588	10	b
3103.61	699132	604	17.1	b
3104.22	699557	594	10	b
3104.66	699872	566	10	g
3105.32	700346	581	10	b
3105.76	700665	578	10	g
3106.42	701203	595	11.9	b
3106.86	701531	571	10	g

3107.52	702052	584	10	b
3108.03	702463	594	10	g
3108.62	702918	605	10	b
3109.06	703327	582	10	g
3109.72	703876	593	10	b
3110.07	704208	588	10	b
3110.82	704861	602	10	b
3111.26	705337	585	10	g
3111.92	705977	610	10	b
3112.31	706402	610	10	b
3113.03	707153	519	10	g
3113.46	707599	505	10	g
3114.12	708370	512	10	g
3114.56	708854	521	10	g
3115.22	709631	611	10	b
3115.33	709759	568	10	g
3115.66	710141	556	10	g
3116.32	710951	591	10	b
3116.83	711569	573	10	g
3117.42	712365	588	10	b
3117.93	713010	597	10	g
3118.55	713738	593	10	b
3118.93	714189	577	10	g
3119.63	715115	570	10	b
3120.05	715650	531	10	g
3120.72	716463	435	10	b
3121.23	717195	399	10	g
3121.82	717963	403	10	b
3122.26	718635	392	10	g
3122.92	719642	408	10	b
3123.41	720533	401	10	g
3124.02	721258	491	10	b
3124.46	721921	515	10	g
3125.12	722972	566	10	b
3125.63	723688	560	10	g
3126.23	724373	581	10	b
3126.63	724920	478	10	g
3127.33	725869	561	10	b
3127.83	726495	504	10	g
3128.42	727180	541	10	b
3128.83	727707	531	10	g
3129.52	728453	559	10	b
3129.88	728873	530	10	b
3130.62	729754	551	10	b

3131.06	730243	545	10	g
3131.72	731027	538	10	b
3132.23	731442	512	10	g
3132.89	732146	537	10	b
3133.23	732461	521	10	g
3133.92	733159	525	10	b
3134.43	733648	530	10	g
3135.02	734194	519	10	b
3135.46	734588	520	10	g
3136.12	735101	531	10	b
3136.63	735524	518	10	g
3137.22	736057	541	10	b
3137.66	736413	546	10	g
3138.32	736923	561	10	b
3138.83	737286	542	10	g
3139.42	737822	508	10	b
3139.80	738130	423	10	g
3140.52	738819	407	10	b
3141.03	739273	408	10	g
3141.62	739810	403	10	b
3142.06	740212	411	10	g
3142.72	740868	414	10	b
3143.23	741423	388	10	g
3143.82	742071	409	10	b
3144.26	742503	402	10	g
3144.92	743207	422	10	b
3145.43	743706	439	10	g
3146.02	744312	422	10	b
3146.46	744774	421	10	g
3147.12	745472	432	10	b
3147.63	746005	415	10	g
3148.22	746603	428	10	b
3148.66	747050	402	10	g
3149.32	747716	405	10	b
3149.83	748233	392	10	g
3150.42	748870	409	10	b
3150.85	749320	378	10	g
3151.52	750045	400	10	b
3152.03	750603	408	10	g
3152.62	751254	428	10	b
3153.06	751755	401	10	g
3153.75	752568	431	10	b
3154.92	754020	410	10	b
3155.26	754349	406	10	g

3155.92	755140	429	10	b
3156.43	755615	445	10	g
3157.02	756321	419	10	b
3157.46	756786	439	10	g
3157.65	756995	473	10	b
3157.85	757216	480	10	b
3158.12	757508	505	10	b
3158.63	758000	498	10	g
3158.75	758143	498	10	b
3158.95	758382	486	10	b
3159.32	758817	421	10	b
3159.66	759200	434	10	g
3160.32	760015	462	10	b
3160.78	760636	454	10	g
3161.53	761574	473	10	g
3161.86	762039	474	10	g
3162.52	762827	521	10	b
3163.02	763463	538	10	g
3163.33	763818	556	10	b
3163.62	764143	549	10	b
3163.94	764585	563	10	b
3164.06	764748	518	10	g
3164.35	765084	535	10	b
3164.47	765222	500	10	b
3164.72	765505	470	10	b
3164.98	765886	462	10	b
3165.23	766246	467	10	g
3165.82	767071	519	10	b
3166.23	767621	486	10	g
3166.92	768691	568	10	b
3167.43	769300	570	10	g
3167.64	769580	587	10	b
3167.75	769727	616	10	b
3168.02	770080	622	10	b
3168.19	770294	630	10	b
3168.43	770602	632	10	g
3168.67	770931	647	10	b
3168.87	771205	639	10	b
3169.12	771541	556	10	b
3169.34	771829	543	10	b
3169.49	772014	539	10	b
3169.63	772199	530	10	g
3170.22	772999	566	10	b
3170.66	773632	549	10	g

3171.32	774525	583	10	b
3171.83	775246	577	10	g
3172.43	775994	618	10	b
3172.86	776555	601	10	g
3173.52	777410	658	10	b
3174.03	778032	681	10	g
3174.62	778760	614	10	b
3175.05	779283	598	10	g
3175.72	780095	616	10	b
3176.23	780745	630	10	g
3176.94	781633	633	10	b
3177.23	781957	623	10	g
3177.95	782851	639	10	b
3178.43	783428	618	10	g
3179.02	784108	653	10	b
3179.46	784640	639	10	g
3180.12	785386	686	10	b
3180.63	785960	677	10	g
3181.17	786490	723	10	g
3181.22	786540	739	10	b
3181.33	786649	699	10	g
3181.63	786938	713	10	g
3182.32	787673	659	10	b
3182.79	788123	589	10	g
3183.42	788815	562	10	b
3183.86	789262	543	10	g
3184.52	790038	540	10	b
3185.03	790690	483	10	g
3185.62	791377	503	10	b
3186.06	791995	466	10	g
3186.72	792827	470	10	b
3187.23	793596	451	10	g
3187.82	794400	420	10	b
3188.08	794938	428	10	g
3188.95	796320	418	10	b
3189.43	797277	396	10	g
3190.03	798417	458	10	g
3190.53	799396	399	10	g

Dome C (0-22 kyr BP)

Monnin et al. (2001)

measured at:

University of Bern

Vostok (0-440 kyr BP)

Petit et al. (1999)

Pepin et al. (2001)

Raynaud et al. (2005)

LGGE in Grenoble

Taylor I

Indermühle

University

Depth (m)	gas age (EDC3_gas_a) [yrs BP 1950]	CO2 (ppmv)	sigma (ppmv)	Depth (m)	gas age (EDC3_gas_a) [yrs BP 1950]	CO2 (ppmv)	Depth (m)
102.83	137	280.4	1.8	149.1	2690	284.7	380.82
106.89	268	274.9	0.7	173.1	3897	272.7	382.42
107.20	279	277.9	0.7	177.4	4124	268.1	382.76
110.25	395	279.1	1.3	228.6	6735	262.2	383.54
110.50	404	281.9	1.1	250.3	7873	254.5	385.33
113.27	485	277.7	0.7	266	8670	259.6	385.64
115.48	559	281.1	1.1	302.6	10167	261.6	386.62
118.62	672	282.2	0.5	321.2	10983	263.7	387.66
121.50	754	280.1	0.6	331.6	11422	244.8	388.52
124.82	877	278.4	1.5	342.1	11881	238.3	389.7
127.02	950	276.6	1.4	365.5	13356	236.2	390.71
129.75	1060	279.1	1	375.6	14010	225.2	391.63
132.50	1153	277.7	1.2	443.5	20023	182.2	392.62
134.72	1233	278.7	1.2	470.8	22827	189.2	393.55
138.02	1350	277.4	0.8	506.4	25994	191.6	395.32
141.30	1453	279.2	0.9	544.7	29063	188.5	396.42
144.05	1552	280.0	0.8	554.2	30020	191.7	396.98
146.27	1638	278.9	0.8	602.3	35009	205.3	397.64
149.02	1733	278.7	0.7	625.6	37471	209.1	398.61
151.20	1812	278.0	1.2	700.2	43500	209.1	400.02
154.50	1931	276.9	0.7	765	47336	189.3	405.53
157.82	2057	276.7	0.8	788.2	48854	188.4	406.6
160.03	2128	276.7	0.8	800	49690	210.1	407.73
162.17	2212	277.6	1.3	812.2	50663	215.7	408.54
165.52	2334	277.9	0.5	834.8	52382	190.4	411.31
168.28	2433	273.9	1.1	902.2	57088	221.7	412.24
171.00	2536	278.9	0.6	912	57657	210.4	413.11
173.14	2604	275.3	1.6	986.2	62859	195.3	413.97
176.52	2728	274.7	1.2	1011.3	64939	191.4	416.37
178.72	2806	276.3	0.9	1023.5	65939	194.9	416.99
181.45	2902	274.6	0.8	1087.2	71049	227.3	418.27
185.85	3053	276.3	1.5	1112.5	73227	229.1	419.39
187.52	3116	273.1	1.1	1162.1	77150	217.1	420.31
189.72	3215	274.0	0.3	1175	78183	221.7	422.53
193.00	3336	275.0	0.6	1209.9	80614	230.9	424.75
196.30	3453	273.4	1.3	1237.2	82417	241.1	426.46
198.52	3523	273.0	0.8	1251.5	83333	236.4	427.06
201.28	3622	271.5	1	1261.2	84016	228.0	429.3
204.00	3721	275.4	0.5	1274.2	85020	214.2	430.13
206.20	3790	274.9	1.3	1289.2	86181	217.0	430.83
209.52	3910	271.7	1	1309.2	87917	208.0	431.52

212.27	4004	271.6	0.7	1338.2	90357	224.2	434.75
215.00	4096	272.8	0.8	1349	91249	228.3	436.05
216.65	4161	271.5	0.9	1387.2	94353	232.0	436.93
221.05	4324	271.1	0.8	1451.5	99849	225.8	438.21
222.72	4374	269.1	0.6	1463.2	100837	230.8	438.92
225.48	4480	269.8	1	1476.1	101749	236.9	439.83
228.20	4573	271.5	0.8	1505	103465	228.1	441.02
232.05	4703	270.7	0.5	1526.3	104704	236.9	441.8
233.72	4766	269.3	1	1542.1	105636	230.6	442.76
236.47	4874	268.6	1.1	1575.2	107579	238.2	444.23
240.27	5004	269.8	1.2	1582.8	108153	245.6	446.42
242.50	5094	267.6	0.6	1598	109804	251.2	447.42
244.72	5160	265.3	1.7	1615	111862	256.7	447.93
248.02	5274	265.2	0.8	1627.9	113262	266.3	449.24
250.72	5370	267.6	2	1637.6	114096	261.4	450.05
253.50	5476	265.9	0.9	1644	114601	274.5	450.83
256.27	5562	265.5	0.8	1651	115118	273.2	452.33
259.02	5657	260.7	1.6	1669.2	116501	262.5	452.99
260.65	5716	266.7	0.9	1687.2	117750	267.6	453.52
264.50	5855	265.5	0.8	1700.9	118649	273.7	455.16
268.37	5998	263.2	0.6	1716	119672	271.9	456.72
269.42	6039	262.7	0.9	1726.8	120382	265.2	457.62
272.20	6131	261.2	0.7	1736.8	121017	277.6	458.73
276.07	6263	261.1	0.4	1758.2	122344	272.1	459.81
278.27	6354	259.4	0.6	1770	123070	276.4	461.92
280.53	6434	262.1	0.9	1789.2	124213	268.7	464.13
283.72	6545	262.9	0.5	1790	124257	266.6	465.02
285.97	6617	258.1	1.4	1799	124789	266.3	465.74
288.17	6713	257.6	0.9	1804	125081	279.7	466.48
292.00	6838	262.3	0.9	1807	125262	273.0	467.78
294.75	6941	263.0	0.7	1810	125434	277.1	470.18
297.52	7028	260.7	0.6	1825.7	126347	273.7	470.92
299.72	7112	258.4	0.8	1830	126598	267.1	
303.00	7234	260.1	0.6	1836	126886	262.5	
305.75	7320	260.4	0.4	1841.6	127132	262.6	
308.52	7413	259.7	0.9	1852.4	127622	275.3	
311.26	7507	259.2	0.7	1859	127907	275.6	
314.00	7590	260.8	1.4	1869.3	128344	274.0	
316.75	7691	259.6	0.5	1870	128372	287.1	
319.52	7781	259.3	0.9	1875.9	128609	286.8	
322.27	7876	258.3	1.2	1882.5	128866	282.6	
325.00	7990	261.3	0.9	1890	129146	264.1	
326.55	8050	260.7	0.4	1895	129340	263.4	
330.50	8181	261.8	1	1902	129652	257.9	
333.27	8281	259.0	1.1	1903.5	129736	259.0	
336.02	8387	260.9	0.7	1930	131329	245.0	
338.65	8477	260.4	0.6	1932	131455	240.4	
341.50	8579	259.3	1	1936	131728	228.9	
343.72	8653	262.0	0.8	1947	132492	223.5	
347.02	8784	263.7	1.2	1954.5	133069	223.9	

349.75	8869	263.8	0.8	1955	133105	220.3	
352.58	8973	265.2	0.9	1960	133427	210.6	
355.82	9092	260.6	1.7	1969.8	134123	208.9	
357.47	9140	260.9	0.6	1972	134287	203.7	
360.20	9232	263.0	0.4	1980.2	134960	204.5	
362.98	9317	263.8	1.2	1982	135114	200.4	
369.55	9536	264.4	0.4	1983	135207	198.0	
371.23	9597	264.2	0.9	1987.4	135603	198.0	
375.05	9721	264.0	0.3	1990.6	135883	201.7	
377.27	9807	263.4	0.1	1992	136011	200.7	
380.00	9909	265.7	0.5	1994.6	136251	202.4	
382.22	9983	264.9	0.4	1998	136567	195.8	
385.13	10088	267.5	0.4	1999	136655	201.1	
388.23	10209	266.9	0.6	2005.8	137293	194.3	
390.45	10294	266.0	1.1	2009.5	137633	193.4	
393.78	10417	265.1	1.6	2013	137982	194.2	
396.50	10527	267.6	0.7	2015	138185	190.2	
399.28	10621	264.8	0.6	2025.7	139275	192.3	
402.00	10744	264.8	0.4	2029	139617	196.5	
404.19	10805	265.0	0.8	2041	140899	195.6	
404.78	10827	265.3	0.4	2041.5	140960	196.4	
406.39	10895	264.4	1.5	2050.3	142058	190.4	
407.50	10933	264.1	0.7	2077.5	145363	196.9	
409.70	11014	264.2	1.1	2107.05	148831	203.0	
411.38	11087	264.5	0.4	2116	149803	191.9	
413.03	11136	264.0	0.5	2117	149921	188.9	
414.75	11201	263.0	1.3	2131.1	151423	200.6	
415.73	11236	265.2	0.8	2157	154480	189.0	
417.07	11278	258.8	0.7	2164	155395	185.5	
418.53	11338	260.8	0.5	2167.2	155813	187.5	
420.49	11392	255.4	0.3	2203	159562	204.3	
421.80	11436	253.9	0.6	2207.3	159943	196.5	
422.90	11469	253.8	0.8	2225	161679	191.6	
426.10	11580	250.7	1.1	2231.05	162228	190.1	
427.33	11635	249.7	0.4	2240.15	163024	186.7	
428.30	11676	251.1	0.3	2247	163698	183.8	
429.50	11727	250.7	0.9	2254.05	164439	196.6	
431.73	11819	245.3	1.1	2280	167183	197.8	
433.79	11896	245.3	0.6	2302	169492	197.7	
435.00	11958	246.6	0.5	2316.05	171351	196.0	
437.23	12050	243.2	0.4	2325	172434	190.3	
438.85	12122	240.3	0.3	2331.05	173135	189.4	
443.80	12371	237.5	0.5	2333	173394	190.1	
446.03	12496	237.6	0.6	2348	175306	207.7	
448.75	12642	234.2	0.3	2363	177139	213.2	
450.98	12760	238.3	1.1	2372	178179	217.7	
454.25	12942	237.3	0.5	2379.2	179117	198.1	
457.03	13090	237.9	0.2	2386	180068	199.7	
459.90	13241	237.6	0.6	2399	182046	203.4	
463.63	13440	236.4	0.9	2414	184685	210.7	

465.25	13542	239.2	0.5	2425	186697	231.3	
467.45	13653	238.6	0.6	2437	188436	231.4	
470.20	13804	238.6	0.3	2442.05	189076	220.3	
473.06	13948	239.1	0.4	2451	190352	218.0	
479.71	14303	228.5	0.6	2470.3	192910	226.5	
484.10	14550	228.4	0.7	2475	193481	220.0	
487.25	14725	226.1	0.6	2488.05	195017	226.4	
490.03	14890	225.2	0.5	2494.1	195673	241.2	
492.20	15012	224.5	0.6	2499	196179	242.6	
496.07	15233	222.0	0.8	2525	198972	250.9	
499.35	15438	221.0	0.8	2533	199918	239.1	
501.58	15570	220.9	0.5	2543	201163	247.6	
504.20	15742	219.4	0.6	2552.01	202413	244.4	
506.53	15886	214.0	0.8	2554.91	202874	231.9	
509.25	16073	207.5	0.9	2557.71	203317	232.2	
512.03	16260	207.7	0.5	2560.91	203837	228.6	
514.75	16452	202.9	0.7	2564.91	204480	226.3	
517.53	16659	200.8	1	2567.51	204908	229.4	
520.25	16870	195.2	0.3	2570.41	205362	231.4	
523.03	17111	193.9	0.5	2574.21	205952	238.1	
526.30	17375	191.0	0.5	2575.51	206144	237.2	
528.53	17565	188.5	0.7	2579.91	206810	230.0	
531.25	17809	188.5	0.7	2581.91	207120	240.5	
532.93	17943	189.2	0.4	2584.71	207544	242.2	
536.75	18285	187.0	0.2	2588.81	208064	244.6	
539.53	18541	188.6	0.5	2590.41	208254	243.9	
542.90	18828	189.4	0.4	2595.11	208803	247.2	
543.35	18868	192.3	0.6	2596.71	208995	252.0	
543.93	18921	188.3	0.6	2600.41	209432	246.9	
548.85	19347	188.7	0.2	2603.71	209817	239.5	
550.51	19509	188.8	0.5	2606.61	210154	257.4	
553.25	19748	190.0	0.8	2612.51	210813	243.4	
556.03	19988	188.0	0.9	2621.71	211858	251.2	
557.89	20168	188.2	0.7	2629.41	212716	241.4	
558.20	20197	195.0	0.7	2634.41	213270	240.3	
561.53	20502	187.8	0.4	2636.71	213536	242.6	
564.26	20748	186.9	0.3	2640.41	213984	247.5	
567.03	21011	186.5	0.3	2644.41	214459	251.7	
569.75	21257	184.7	1.2	2646.61	214794	251.1	
572.53	21507	186.1	0.4	2650.41	215382	245.3	
576.33	21854	185.7	1.3	2656.21	216352	240.5	
578.11	22015	184.4	0.8	2666.71	218361	214.1	
				2670.41	219116	216.1	
				2674.61	220058	207.1	
				2677.41	220739	208.8	
				2682.61	222030	205.6	
				2691.01	224269	203.3	
				2693.61	224923	215.7	
				2698.01	225909	235.5	
				2701.41	226711	234.5	

				2702.71	227027	233.1	
				2705.61	227776	224.5	
				2711.71	229423	232.4	
				2715.41	230422	233.9	
				2717.71	231066	241.6	
				2732.71	234817	245.2	
				2735.71	235480	252.1	
				2738.71	236114	241.4	
				2741.71	236734	247.4	
				2744.61	237294	243.1	
				2747.61	237868	239.1	
				2751.11	238558	245.6	
				2753.61	239013	245.8	
				2756.21	239477	247.4	
				2759.11	239973	252.8	
				2765.21	240945	259.7	
				2768.2	241366	263.2	
				2773.51	242007	279.0	
				2776.51	242346	280.2	
				2782.71	243071	263.7	
				2785.51	243429	252.3	
				2788.51	243856	249.9	
				2791.5	244347	236.7	
				2794.51	244864	230.4	
				2797.51	245441	219.4	
				2806.51	247681	214.7	
				2815.61	250133	200.2	
				2818.61	251005	213.9	
				2821.51	251864	195.4	
				2824.51	252739	196.7	
				2827.51	253636	195.4	
				2833.81	255498	199.0	
				2836.51	256309	201.9	
				2839.51	257100	204.0	
				2845.51	258661	203.9	
				2851.51	260353	209.6	
				2853.51	260916	205.7	
				2857.51	262092	208.9	
				2860.51	262930	214.6	
				2866.51	264509	228.1	
				2870.51	265653	199.9	
				2872.71	266326	211.7	
				2876.21	267442	188.7	
				2878.5	268181	187.2	
				2881.42	269154	194.2	
				2884.51	270222	198.8	
				2887.51	271256	184.7	
				2890.51	272311	190.4	
				2893.51	273310	193.9	
				2896.51	274321	194.1	

				2899.51	275350	198.4	
				2902.51	276326	193.2	
				2905.51	277361	202.2	
				2908.51	278350	204.5	
				2911.46	279320	211.0	
				2914.51	280269	215.3	
				2919.41	281758	223.7	
				2926.51	283785	231.3	
				2932.51	285380	228.0	
				2935.51	286128	226.4	
				2939.31	287036	231.4	
				2941.51	287538	230.4	
				2944.51	288233	231.0	
				2953.5	290153	234.9	
				2956.51	290730	220.4	
				2959.51	291367	217.1	
				2964.51	292405	207.6	
				2967.51	293057	206.0	
				2970.51	293779	206.7	
				2973.81	294568	212.7	
				2979.51	295930	213.1	
				2986.01	297921	217.1	
				2988.61	298741	224.4	
				2991.51	299621	231.0	
				2994.51	300472	236.1	
				2997.51	301402	239.0	
				3000.4	302280	236.0	
				3003.51	303226	240.2	
				3007.01	304232	240.7	
				3009.51	304901	250.2	
				3012.51	305655	248.6	
				3015.51	306547	244.8	
				3018.51	307495	225.8	
				3022.71	308744	227.8	
				3024.91	309389	226.2	
				3027.51	310168	233.2	
				3030.41	311013	237.8	
				3033.51	311868	239.0	
				3036.51	312676	241.9	
				3039.51	313414	251.6	
				3042.51	314144	256.7	
				3045.51	314867	257.1	
				3048.56	315572	246.8	
				3051.51	316200	272.6	
				3054.51	316897	251.6	
				3057.71	317734	245.2	
				3060.51	318559	233.4	
				3063.51	319480	255.8	
				3066.51	320358	249.2	
				3072.51	322015	257.2	

				3075.41	322767	260.4	
				3078.51	323526	260.3	
				3081.6	324280	260.5	
				3084.51	324971	266.2	
				3087.81	325720	264.0	
				3090.51	326321	266.1	
				3093.51	326972	270.1	
				3096.46	327590	271.9	
				3099.51	328221	275.1	
				3105.51	329475	265.0	
				3109.01	330208	271.7	
				3111.51	330740	272.6	
				3114.81	331438	273.1	
				3117.51	331944	282.4	
				3119.51	332285	289.1	
				3120.61	332462	288.4	
				3123.51	332919	298.6	
				3126.51	333380	278.1	
				3129.91	333890	285.8	
				3132.41	334261	278.6	
				3135.51	334748	270.5	
				3138.51	335287	255.7	
				3141.51	335918	241.9	
				3145.01	336725	239.6	
				3147.51	337391	234.2	
				3153.51	339298	250.1	
				3156.51	340456	200.7	
				3159.51	341802	205.2	
				3162.81	343282	204.8	
				3165.51	344446	211.9	
				3169.01	345980	220.3	
				3174.51	348298	221.1	
				3177.81	349688	216.2	
				3180.51	350925	209.4	
				3183.41	352275	209.2	
				3189.51	355302	193.0	
				3192.51	356898	186.1	
				3195.81	358712	185.8	
				3200.01	360957	201.2	
				3204.71	363385	206.3	
				3210.51	366235	201.9	
				3213.71	367856	199.9	
				3216.45	369446	214.7	
				3219.51	371090	224.6	
				3222.51	372646	229.6	
				3228.91	376568	227.0	
				3231.51	378096	240.0	
				3234.51	379696	239.1	
				3237.51	381132	246.8	
				3240.51	382670	245.8	

				3246.41	384534	258.1	
				3249.51	385398	264.6	
				3252.45	386144	259.2	
				3258.51	388062	255.2	
				3261.51	389946	250.1	
				3264.51	391896	266.3	
				3267.51	393591	274.6	
				3270.6	395116	277.1	
				3273.81	396636	278.0	
				3276.51	397911	288.9	
				3283.51	401109	279.6	
				3287.41	402769	281.2	
				3289.45	403609	283.6	
				3292.91	404968	276.2	
				3299.01	407442	285.5	
				3301.4	408475	286.9	
				3304.41	409750	277.6	
				3310.71	412453	274.6	
				3316.46	415167	275.7	
				3319.44	416545	279.9	
				3322.39	417391	278.0	
				3325.39	417923	276.3	
				3328.19	418544	276.5	
				3331.39	419934	266.6	
				3334.39	421443	274.0	
				3336.99	423207	273.2	
				3340.39	428394	229.7	
				3343.39	433925	199.0	
				3346.51	437580	201.5	
				3346.56	437601	207.8	
				3349.51	438986	205.9	

Dome (19-63 kyr BP)

et al. (2000)

Dome C (393-664 kyr BP)

Siegenthaler et al. (2005)

of Bern

University of Bern

LGGE in G

gas age (EDC3_gas_a) [yrs BP 1950]	CO2 (ppmv)	sigma (ppmv)	Depth (m)	gas age (EDC3_gas_a) [yrs BP 1950]	CO2 (ppmv)	sigma (ppmv)	Depth (m)
18906	190.5	1	2761.85	415717	276.4	1.6	2700.77
23379	189.1	0.5	2762.89	416193	271.7	1.2	2702.97
24011	189	1.4	2765.08	417191	273.4	1.5	2705.17
25337	187.7	1	2766.18	417698	271.8	1.7	2713.97
27507	195.2	0.5	2767.33	418245	274.6	1.8	2718.37
27781	194.1	0.4	2769.48	419260	273.7	0.8	2720.57
28527	196.1	0.7	2770.58	419808	271.2	1.5	2724.97
29238	194	0.6	2771.68	420350	273.8	1.6	2727.17
29772	191.1	0.5	2773.88	421484	268.6	1.4	2731.57
30407	193.5	0.8	2774.96	422074	266.4	1.8	2733.77
30881	196.8	0.5	2776.13	422649	270.6	1.1	2738.17
31308	199.6	0.6	2778.28	423764	267.7	2.9	2740.37
31700	199.1	0.2	2779.39	424332	268.3	1.9	2744.77
32090	200.4	0.6	2780.48	424840	270.8	1.1	2746.97
32771	200.2	0.3	2781.32	425242	270.0	2.5	2746.97
33161	200.1	0.7	2781.96	425569	265.4	2.0	2749.17
33341	201.6	0.5	2782.73	425975	255.3	1.3	2751.37
33580	200.9	0.6	2783.81	426598	252.1	0.7	2755.77
33913	203.6	0.4	2784.88	427285	248.2	0.9	2757.97
34364	205.3	0.6	2785.27	427566	242.5	1.5	2760.17
36061	208.8	0.3	2787.08	429006	219.7	1.7	2762.37
36378	213	0.8	2788.03	429876	227.2	2.2	2764.57
36695	211.3	0.7	2789.29	431063	211.5	1.7	2766.77
36883	212.6	1.1	2789.67	431445	207.6	1.3	2768.97
37545	213.6	0.6	2790.78	432599	209.8	1.6	2771.17
37740	210.8	0.4	2791.87	433674	207.5	1.3	2775.57
37949	209.9	0.7	2792.97	434804	200.3	1.6	2775.57
38149	210.6	0.5	2794.08	435989	201.7	1.6	2777.77
38679	210.3	0.7	2795.17	437152	201.3	1.1	2779.97
38826	207.8	0.6	2796.28	438356	202.0	1.5	2782.17
39100	205.7	0.8	2797.38	439565	199.1	1.1	2784.37
39345	198.6	0.5	2798.92	441220	201.1	0.9	
39527	196.4	0.8	2800.02	442411	203.5	0.6	
39960	197.5	0.8	2801.13	443562	208.1	1.8	
40427	198.2	0.3	2802.21	444650	201.7	1.7	
40837	201.4	0.8	2803.33	445829	201.2	2.1	
40990	198.9	0.7	2804.42	446984	204.9	1.4	
41620	201.4	0.7	2805.52	448103	201.9	1.8	
41895	201.6	0.6	2806.62	449244	198.4	1.3	
42131	202.2	0.9	2807.72	450455	193.3	1.6	
42342	201.9	1	2808.82	451593	192.5	1.0	

43252	199.9	0.7	2809.46	452283	199.1	0.6
43612	201.7	0.8	2809.93	452795	204.3	1.0
43879	205	0.6	2810.56	453514	203.3	1.0
44239	210	0.6	2811.01	454023	208.3	1.4
44439	214	0.8	2812.12	455279	202.4	1.3
44700	216.2	1.4	2813.21	456591	195.5	0.8
45010	214.6	0.2	2814.32	458049	190.7	1.9
45222	215.7	0.6	2815.43	459430	194.4	0.7
45466	210.6	0.8	2816.52	460792	199.9	2.6
45839	206.6	0.6	2817.25	461687	205.2	0.9
46511	203.1	0.9	2817.62	462133	210.0	0.7
46935	200	0.5	2818.72	463456	208.1	2.2
47175	199.1	0.7	2819.83	464866	204.4	1.9
47916	202.1	0.6	2820.92	466265	203.4	1.2
48488	206.9	0.6	2822.01	467602	205.5	0.9
49104	206.9	0.7	2822.66	468323	206.5	0.9
50357	212.3	0.5	2823.11	468810	215.5	2.3
50928	214.3	1.1	2823.76	469470	218.7	0.9
51367	218	0.7	2824.22	469941	229.2	1.4
52618	216.9	0.7	2824.86	470597	232.7	0.7
53630	211.7	0.7	2825.31	471046	243.7	1.8
54250	210.8	0.7	2826.05	471763	243.9	1.1
55053	208	0.9	2826.42	472095	245.6	0.9
55927	211.5	0.6	2827.53	473102	241.2	1.7
57477	218.2	0.7	2828.63	474162	233.1	0.6
58891	220.4	0.9	2829.72	475218	232.8	1.1
59474	215	0.9	2830.82	476240	236.6	1.0
59955	214.9	0.6	2831.93	477162	239.1	0.9
60431	212.5	0.7	2832.56	477719	236.5	1.2
61239	204.6	0.4	2833.02	478124	231.3	1.0
62751	197.4	0.5	2833.66	478721	220.8	0.7
63205	203.6	1	2834.12	479144	218.8	2.3
			2835.22	480108	223.8	1.4
			2836.32	481035	223.4	1.7
			2837.43	481932	227.3	1.3
			2838.53	482803	231.4	1.1
			2839.62	483649	231.4	1.3
			2840.71	484465	231.2	1.2
			2841.81	485276	233.0	1.4
			2842.92	486043	232.9	1.2
			2844.02	486816	231.3	1.2
			2845.11	487541	237.1	1.8
			2846.22	488268	242.0	0.2
			2846.86	488689	240.9	0.4
			2847.33	488996	252.8	2.5
			2848.05	489475	249.3	2.7
			2848.42	489722	242.6	0.6
			2849.53	490445	243.3	1.3
			2850.63	491191	246.7	1.6
			2851.72	491959	243.7	1.4

			2852.82	492738	239.7	1.9	
			2853.91	493507	239.1	1.2	
			2855.03	494311	238.3	2.0	
			2856.12	495085	238.5	1.4	
			2857.22	495853	237.6	1.6	
			2858.32	496608	236.4	2.1	
			2859.43	497366	236.5	1.7	
			2860.51	498104	232.8	0.8	
			2861.62	498865	230.6	0.5	
			2862.72	499610	230.8	1.0	
			2863.83	500363	228.2	1.7	
			2864.93	501130	230.8	1.4	
			2866.02	501866	231.2	0.8	
			2867.13	502625	232.0	1.6	
			2868.23	503375	232.2	1.4	
			2869.32	504083	234.1	0.8	
			2870.42	504777	233.9	1.1	
			2871.52	505516	235.5	1.8	
			2872.62	506287	236.0	2.1	
			2873.72	507011	238.2	0.9	
			2874.82	507714	237.0	0.8	
			2875.92	508476	240.3	0.7	
			2877.02	509247	233.4	1.0	
			2878.12	510008	236.4	1.4	
			2879.22	510765	235.2	0.5	
			2880.32	511515	242.0	0.8	
			2881.42	512269	238.2	1.0	
			2882.52	512997	239.2	1.2	
			2883.62	513724	241.5	1.3	
			2884.72	514429	243.0	0.5	
			2885.82	515113	247.2	2.2	
			2886.92	515771	246.2	2.6	
			2888.02	516417	245.5	1.1	
			2889.12	517069	245.3	1.3	
			2890.22	517706	247.7	1.4	
			2891.32	518334	245.5	0.8	
			2892.42	518965	243.5	0.7	
			2895.71	520892	241.9	1.4	
			2896.82	521552	236.8	0.8	
			2897.92	522216	235.8	1.2	
			2899.02	522923	233.7	0.7	
			2900.12	523666	230.3	0.8	
			2901.22	524409	227.8	0.6	
			2902.32	525164	224.7	1.9	
			2903.42	525908	222.7	1.0	
			2904.51	526661	221.2	1.2	
			2905.62	527454	220.3	0.5	
			2906.72	528262	220.7	0.9	
			2907.36	528747	214.5	0.5	
			2907.82	529101	211.4	2.2	

			2908.48	529640	204.4	0.6
			2908.92	530016	200.0	0.8
			2909.65	530685	195.1	0.7
			2910.02	531035	193.8	0.8
			2910.66	531662	190.5	1.7
			2911.12	532119	199.8	1.2
			2912.22	533246	199.4	0.8
			2913.33	534364	205.0	0.9
			2914.42	535483	206.4	0.7
			2915.52	536622	212.9	1.3
			2916.62	537770	211.2	0.7
			2917.72	538959	205.0	0.8
			2918.82	540154	203.6	1.2
			2919.92	541345	208.1	0.8
			2921.00	542502	210.3	1.6
			2922.12	543676	209.6	1.6
			2923.22	544804	209.7	0.8
			2924.32	545956	204.6	1.9
			2925.42	547013	202.5	1.6
			2926.07	547573	208.8	0.7
			2926.52	547972	213.6	0.9
			2927.62	548933	215.2	0.5
			2928.72	549830	219.9	0.5
			2929.82	550637	221.7	1.4
			2930.48	551124	222.3	0.9
			2930.92	551452	226.3	0.9
			2931.65	551979	222.1	1.1
			2932.02	552250	220.3	0.3
			2933.12	552961	223.6	1.1
			2934.22	553626	224.3	2.2
			2935.32	554254	226.7	1.2
			2936.42	554831	233.9	1.5
			2937.52	555345	241.0	1.4
			2938.17	555637	243.0	0.8
			2938.61	555839	249.1	2.1
			2939.27	556143	244.0	1.5
			2939.71	556364	250.5	0.8
			2940.47	556724	245.6	1.3
			2940.82	556889	240.4	0.9
			2941.91	557385	238.1	1.2
			2943.01	557887	234.5	1.0
			2943.66	558183	229.7	0.4
			2944.12	558393	230.2	0.7
			2945.22	558929	230.3	1.5
			2946.32	559461	228.3	0.9
			2947.42	559972	231.6	1.2
			2948.52	560459	231.9	1.2
			2949.62	560930	234.6	1.5
			2950.53	561309	234.1	0.9
			2951.82	561846	240.1	2.1

			2952.92	562272	242.3	0.5	
			2954.02	562690	245.7	1.8	
			2955.12	563115	245.8	0.5	
			2956.22	563517	247.6	1.5	
			2957.32	563918	251.4	1.7	
			2958.42	564311	252.4	1.7	
			2959.52	564699	252.6	1.0	
			2960.62	565077	251.4	0.7	
			2961.72	565466	253.7	0.8	
			2962.82	565851	254.3	1.6	
			2963.92	566233	253.9	0.7	
			2965.01	566619	254.5	1.6	
			2966.12	567007	253.2	0.9	
			2967.19	567381	253.9	1.2	
			2968.32	567777	252.8	1.1	
			2969.42	568167	253.0	0.6	
			2970.52	568556	250.2	0.4	
			2971.62	568946	251.3	1.3	
			2972.71	569331	250.0	1.3	
			2973.82	569728	251.3	1.3	
			2974.92	570139	251.8	1.2	
			2976.02	570548	251.8	1.3	
			2977.12	570955	249.6	0.5	
			2978.22	571367	251.6	1.7	
			2979.32	571775	250.3	1.0	
			2980.41	572190	246.3	1.1	
			2981.52	572619	247.7	0.7	
			2982.62	573037	249.2	1.1	
			2983.72	573462	248.7	0.4	
			2984.82	573902	251.8	1.8	
			2985.92	574353	251.9	0.7	
			2987.02	574803	252.1	1.3	
			2988.12	575265	248.9	1.0	
			2989.22	575730	252.5	0.5	
			2990.32	576222	252.9	1.1	
			2991.42	576723	251.3	1.1	
			2992.52	577242	251.3	1.1	
			2993.62	577769	251.1	0.6	
			2994.72	578305	249.1	0.5	
			2995.82	578857	252.9	1.1	
			2996.92	579435	251.5	1.8	
			2997.65	579821	244.1	1.7	
			2998.02	580019	243.8	0.9	
			2998.66	580400	236.2	0.3	
			2999.12	580695	230.3	0.6	
			2999.76	581160	225.2	1.6	
			3000.22	581507	219.4	0.8	
			3000.86	582000	215.4	1.1	
			3001.32	582391	209.9	1.2	
			3002.05	583034	206.7	0.5	

			3002.42	583413	210.6	0.6	
			3005.26	586406	224.0	0.9	
			3005.72	586893	226.0	1.4	
			3006.45	587647	234.4	0.5	
			3006.82	588034	238.8	1.0	
			3007.46	588716	246.3	1.8	
			3007.92	589224	250.2	0.4	
			3008.56	589868	248.1	0.6	
			3009.02	590335	243.6	0.8	
			3009.57	590893	237.4	0.8	
			3010.85	592279	225.7	1.1	
			3011.22	592697	229.4	1.3	
			3011.87	593415	233.2	0.3	
			3012.28	593870	238.1	0.9	
			3012.96	594639	238.0	1.1	
			3013.42	595189	232.9	0.6	
			3014.06	595950	221.2	1.8	
			3014.52	596515	216.4	0.9	
			3015.25	597443	216.3	1.5	
			3015.62	597966	219.0	1.0	
			3016.26	598833	226.0	1.1	
			3016.72	599434	229.4	1.4	
			3017.82	600882	232.5	1.3	
			3018.92	602278	237.9	0.8	
			3020.02	603673	239.1	1.1	
			3021.12	605076	244.5	0.7	
			3022.19	606374	248.5	1.7	
			3023.32	607708	254.6	1.2	
			3024.42	608929	259.2	1.8	
			3025.52	610136	257.7	0.5	
			3026.62	611319	259.6	1.2	
			3027.72	612514	258.0	1.4	
			3028.82	613709	256.0	0.4	
			3029.92	614923	252.5	1.1	
			3031.02	616227	252.4	0.9	
			3032.09	617544	252.3	1.1	
			3033.22	618955	247.9	1.0	
			3034.32	620338	245.4	0.3	
			3035.42	621760	243.0	0.8	
			3036.52	623214	238.6	0.8	
			3037.62	624690	237.3	1.0	
			3038.26	625570	234.3	0.3	
			3038.72	626215	227.8	0.9	
			3039.36	627211	214.9	0.5	
			3039.82	627999	205.0	0.9	
			3040.53	629446	198.7	0.8	
			3040.92	630295	199.9	0.5	
			3041.65	632001	199.5	1.8	
			3042.01	632856	195.6	1.5	
			3042.74	634592	192.1	1.6	

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Dome C (611-800 kyr BP)

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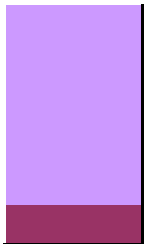
gas age (EDC3_gas_a) [yrs BP 1950]	CO2 (ppmv)	Depth (m)	gas age (EDC3_gas_a) [yrs BP 1950]	CO2 (ppmv)	sigma (ppmv)	Depth (m)	gas age (EDC3_gas_a) [yrs BP 1950]
392544	259.5	3026.58	611269	257.8	2.1	3061.71	667435
393579	273.6	3030.97	616164	252.6	0.6	3063.98	670124
394560	260.7	3036.44	623109	243.3	2.8	3085.78	688035
398086	276.3	3040.87	630183	204.4	0.9	3086.88	688751
399722	277.1	3043.07	635364	195.0	1.5	3087.98	689444
400504	283.2	3055.18	658404	187.5	1.8	3089.08	690155
402000	283.1	3056.25	659983	185.6	1.1	3091.28	691524
402731	275.7	3057.36	661563	192.1	1.0	3093.48	692857
404181	276.5	3058.47	663133	192.0	2.1	3120.01	715603
404927	280.5	3059.55	664597	190.6	1.3	3122.20	718581
406368	279.6	3060.33	665645	178.2	1.1	3124.41	721870
407093	285.6	3060.73	666174	178.5	1.1	3128.68	727458
408600	284.5	3061.36	666995	172.7	1.0	3133.08	732300
409383	275.2	3061.82	667569	171.6	1.4	3135.28	734408
409383	274.2	3062.53	668447	175.6	0.7	3141.82	739986
410206	282.6	3062.93	668934	178.5	0.7	3146.37	744681
411071	283.5	3063.64	669751	185.5	0.2	3150.68	749152
412962	274.9	3064.02	670176	189.3	0.9	3152.88	751552
413948	264.9	3064.76	670916	192.6	1.0	3155.08	754124
414963	271.6	3065.12	671286	194.6	0.7	3156.18	755354
415955	276.2	3065.76	671926	192.5	0.6	3157.28	756605
416965	268.5	3066.22	672386	194.8	1.0	3158.38	757805
417979	277.7	3066.93	673095	198.7	1.0	3159.48	759027
419013	273.3	3067.33	673475	202.3	0.7	3160.58	760338
420107	268.9	3068.07	674173	209.2	0.6	3161.68	761745
422374	276.6	3068.42	674521	213.7	0.8	3162.78	763158
422374	274.3	3069.52	675589	220.0	0.8	3163.88	764529
423491	270.9	3070.16	676170	217.4	0.6	3164.98	765917
424604	273.7	3070.62	676524	214.0	0.9	3167.18	768940
425678	257.7	3071.33	677068	215.6	1.4	3168.28	770434
426953	254.1	3071.72	677380	217.4	1.5	3169.38	771888
		3072.44	677984	226.5	0.8	3170.48	773353
		3072.80	678291	230.0	0.9	3171.58	774854
		3073.53	678914	230.8	0.6	3172.68	776322
		3073.93	679252	230.3	1.2	3173.78	777719
		3074.56	679732	223.0	1.2	3174.88	779076
		3075.02	680081	225.0	1.3	3177.08	781771
		3075.73	680608	218.4	0.9	3178.18	783110
		3076.13	680920	216.2	1.0	3179.28	784409
		3076.85	681531	217.3	1.7	3180.38	785654
		3077.23	681849	219.7	0.6	3181.48	786819

		3077.93	682446	222.6	1.6	3182.58	787957
		3078.32	682762	221.3	1.3	3183.68	789126
		3078.96	683262	218.7	0.8	3185.88	791767
		3079.43	683612	217.5	0.7	3186.98	793255
		3080.14	684142	217.5	1.4	3188.08	794949
		3080.52	684419	219.4	1.0	3190.28	798893
		3081.25	684949	219.5	1.1		
		3081.63	685217	219.7	1.2		
		3082.34	685716	223.5	1.0		
		3082.72	685980	224.4	1.3		
		3083.37	686425	224.3	1.1		
		3083.82	686726	227.3	1.7		
		3084.56	687227	228.7	1.3		
		3084.92	687470	228.8	1.5		
		3085.65	687949	232.3	1.0		
		3086.03	688195	233.0	0.5		
		3086.73	688652	235.8	1.1		
		3087.08	688881	234.9	1.2		
		3087.76	689304	235.8	2.0		
		3088.23	689603	239.9	0.6		
		3088.93	690057	235.6	1.3		
		3089.30	690294	234.8	2.1		
		3090.05	690771	240.0	2.1		
		3090.42	690999	234.0	0.8		
		3091.13	691432	235.6	1.0		
		3091.52	691672	236.6	0.7		
		3092.16	692057	235.5	0.9		
		3092.62	692338	235.9	1.4		
		3093.33	692765	232.9	0.6		
		3093.70	692990	234.8	1.5		
		3094.45	693433	234.1	1.5		
		3094.80	693639	234.1	1.3		
		3095.53	694068	235.4	1.0		
		3095.92	694300	234.4	1.1		
		3096.56	694672	235.8	1.3		
		3097.02	694941	236.9	0.8		
		3097.74	695383	236.7	1.9		
		3098.13	695618	237.6	0.7		
		3098.85	696062	234.6	1.0		
		3099.22	696287	234.8	0.6		
		3099.93	696717	235.4	0.8		
		3100.32	696963	232.9	0.6		
		3100.92	697331	232.4	0.7		
		3101.43	697660	232.2	0.5		
		3102.13	698120	231.0	1.0		
		3102.52	698386	228.0	0.5		
		3103.25	698880	226.4	1.0		
		3103.57	699102	227.7	0.7		
		3104.33	699633	227.6	1.6		
		3104.71	699909	226.0	0.3		

		3105.36	700389	228.7	1.3		
		3105.82	700744	227.6	1.1		
		3106.46	701242	228.2	0.5		
		3106.92	701606	228.8	1.4		
		3107.64	702158	229.3	0.5		
		3107.93	702381	230.3	1.7		
		3108.65	702988	232.4	1.3		
		3109.12	703384	232.8	1.6		
		3109.75	703934	231.2	1.8		
		3110.07	704211	231.2	0.9		
		3110.88	704973	233.9	0.8		
		3111.32	705410	228.5	1.5		
		3112.05	706141	228.6	1.0		
		3112.31	706409	228.1	1.0		
		3115.25	709680	219.7	0.6		
		3115.72	710237	220.2	0.3		
		3116.42	711104	218.9	1.5		
		3116.68	711421	218.7	1.4		
		3117.81	712833	218.5	0.5		
		3118.60	713843	222.3	1.6		
		3118.95	714288	221.7	2.0		
		3119.67	715180	217.7	0.6		
		3120.12	715750	222.1	0.6		
		3120.85	716704	208.1	0.7		
		3121.13	717065	205.0	1.7		
		3121.86	718064	192.9	1.2		
		3122.32	718779	184.3	1.1		
		3122.95	719794	187.8	1.6		
		3123.35	720337	195.2	0.8		
		3124.06	721318	206.3	0.8		
		3124.52	722039	211.3	0.9		
		3125.27	723133	213.4	1.2		
		3125.53	723464	213.2	1.3		
		3126.27	724445	210.3	2.0		
		3126.72	725059	206.3	0.7		
		3127.41	725937	206.6	1.8		
		3127.73	726322	208.1	1.2		
		3128.45	727192	204.5	0.4		
		3128.91	727732	205.5	1.3		
		3129.62	728568	205.1	1.1		
		3129.93	728921	205.4	0.8		
		3131.12	730299	204.0	1.6		
		3131.75	730949	204.1	0.8		
		3132.13	731329	204.9	0.8		
		3132.92	732141	203.8	1.0		
		3133.32	732548	205.9	1.7		
		3134.02	733261	203.9	0.7		
		3134.33	733543	204.4	0.3		
		3135.06	734223	205.3	0.4		
		3135.52	734604	207.4	1.9		

		3136.19	735167	201.7	1.2		
		3136.53	735459	201.3	0.8		
		3137.25	736079	204.1	1.0		
		3137.72	736460	209.7	1.8		
		3138.44	737034	208.1	0.7		
		3138.73	737266	211.3	0.8		
		3139.46	737889	210.6	1.4		
		3139.89	738272	206.5	1.7		
		3140.54	738844	200.3	1.6		
		3140.88	739137	197.8	1.5		
		3141.66	739842	185.0	0.9		
		3142.12	740277	178.9	0.3		
		3142.85	741021	178.6	2.4		
		3143.13	741307	176.6	2.4		
		3143.86	742075	177.9	2.1		
		3144.32	742558	182.3	1.3		
		3144.98	743233	181.7	2.7		
		3145.32	743589	180.4	0.7		
		3146.06	744354	181.2	0.9		
		3146.52	744843	182.0	0.9		
		3147.48	745836	180.2	1.2		
		3148.26	746643	183.1	0.4		
		3148.72	747110	180.8	0.3		
		3149.35	747759	180.8	1.3		
		3149.68	748101	180.4	0.8		
		3150.45	748913	181.4	1.3		
		3150.91	749401	182.9	1.8		
		3151.65	750194	184.8	1.6		
		3151.91	750476	184.0	1.4		
		3152.65	751301	186.2	1.9		
		3153.12	751830	190.1	1.3		
		3153.78	752605	188.0	0.3		
		3154.10	752978	196.5	1.8		
		3154.96	753984	191.5	1.7		
		3155.32	754394	195.8	1.5		
		3156.08	755241	200.5	2.0		
		3156.30	755495	201.9	1.4		
		3157.05	756357	206.0	2.2		
		3157.52	756871	210.7	2.3		
		3158.15	757561	215.0	1.5		
		3158.53	757962	219.2	1.4		
		3158.80	758259	215.3	0.7		
		3159.00	758475	217.6	1.8		
		3159.35	758883	217.9	2.3		
		3159.72	759306	214.9	1.2		
		3160.47	760202	208.8	0.8		
		3160.71	760500	206.9	1.1		
		3161.46	761453	206.1	1.9		
		3161.92	762064	212.0	0.2		
		3162.55	762871	216.0	2.1		

		3162.91	763319	215.0	0.9		
		3163.20	763686	225.7	3.0		
		3163.40	763934	221.4	2.7		
		3163.65	764249	224.1	1.4		
		3164.12	764833	222.6	0.9		
		3164.84	765735	216.8	1.6		
		3165.13	766110	215.7	0.5		
		3165.86	767096	213.5	0.4		
		3166.32	767737	217.7	0.9		
		3166.97	768655	222.4	2.1		
		3167.26	769050	221.4	1.8		
		3167.60	769514	228.1	1.6		
		3167.80	769787	226.0	1.6		
		3168.05	770133	231.5	1.9		
		3168.29	770447	235.6	1.1		
		3168.50	770724	238.2	2.2		
		3168.70	770994	235.6	2.1		
		3168.90	771260	237.7	2.4		
		3169.24	771708	229.5	1.5		
		3169.53	772076	230.9	1.0		
		3170.25	773043	230.0	2.3		
		3170.72	773680	233.3	0.9		
		3171.35	774548	236.9	0.4		
		3171.73	775051	240.5	0.6		
		3172.46	776037	238.8	2.0		
		3172.92	776636	243.9	0.7		
		3173.65	777556	246.3	0.5		
		3173.93	777900	246.1	1.1		
		3174.65	778798	245.8	2.4		
		3175.11	779364	243.9	0.9		
		3175.84	780268	248.5	0.6		
		3176.13	780612	242.8	0.7		
		3176.89	781535	248.7	0.7		
		3177.32	782059	246.2	1.1		
		3178.31	783263	252.1	2.5		
		3179.05	784147	246.9	0.7		
		3179.52	784692	250.7	0.2		
		3180.15	785413	253.3	2.6		
		3180.51	785789	255.4	1.4		
		3181.26	786587	260.3	1.3		
		3181.73	787076	256.9	0.7		
		3182.43	787805	248.1	1.5		
		3182.65	788033	247.9	2.7		
		3183.46	788887	229.5	0.8		
		3183.91	789381	226.3	3.0		
		3184.57	790153	218.2	0.8		
		3184.90	790538	221.3	1.8		
		3185.66	791491	215.4	3.7		
		3186.12	792081	205.1	2.5		
		3186.75	792943	204.0	1.6		



CO2 (ppmv)
178.5
189.0
234.0
235.4
241.0
235.0
235.9
236.3
223.8
190.2
217.0
203.7
210.7
209.6
198.0
185.2
188.8
193.8
197.3
203.4
214.4
225.5
216.6
214.9
213.0
221.3
226.5
216.1
227.5
233.9
226.9
238.6
240.1
245.9
246.7
243.8
251.2
252.5
248.4
255.3
256.6

Composite CO2 record (0-800 kyr BP 1950)

0-22 kyr BP: Dome C (Monnin et al. 2001) measured at University of Bern

22-393 kyr BP: Vostok (Petit et al. 1999; Pepin et al. 2001; Raynaud et al. 2005) measured

393-416 kyr BP: Dome C (Siegenthaler et al. 2005) measured at LGGE in Grenoble

416-664 kyr BP: Dome C (Siegenthaler et al. 2005) measured at University of Bern

664-800 kyr BP: Dome C (Luethi et al. (sub)) measured at University of Bern

gas age (edc3_gas_a)	CO2 concentration
[yrs BP 1950]	[ppbv]
137	280.4
268	274.9
279	277.9
395	279.1
404	281.9
485	277.7
559	281.1
672	282.2
754	280.1
877	278.4
950	276.6
1060	279.1
1153	277.7
1233	278.7
1350	277.4
1453	279.2
1552	280
1638	278.9
1733	278.7
1812	278
1931	276.9
2057	276.7
2128	276.7
2212	277.6
2334	277.9
2433	273.9
2536	278.9
2604	275.3
2728	274.7
2806	276.3
2902	274.6
3053	276.3
3116	273.1
3215	274
3336	275

3453	273.4
3523	273
3622	271.5
3721	275.4
3790	274.9
3910	271.7
4004	271.6
4096	272.8
4161	271.5
4324	271.1
4374	269.1
4480	269.8
4573	271.5
4703	270.7
4766	269.3
4874	268.6
5004	269.8
5094	267.6
5160	265.3
5274	265.2
5370	267.6
5476	265.9
5562	265.5
5657	260.7
5716	266.7
5855	265.5
5998	263.2
6039	262.7
6131	261.2
6263	261.1
6354	259.4
6434	262.1
6545	262.9
6617	258.1
6713	257.6
6838	262.3
6941	263
7028	260.7
7112	258.4
7234	260.1
7320	260.4
7413	259.7
7507	259.2
7590	260.8

7691	259.6
7781	259.3
7876	258.3
7990	261.3
8050	260.7
8181	261.8
8281	259
8387	260.9
8477	260.4
8579	259.3
8653	262
8784	263.7
8869	263.8
8973	265.2
9092	260.6
9140	260.9
9232	263
9317	263.8
9536	264.4
9597	264.2
9721	264
9807	263.4
9909	265.7
9983	264.9
10088	267.5
10209	266.9
10294	266
10417	265.1
10527	267.6
10621	264.8
10744	264.8
10805	265
10827	265.3
10895	264.4
10933	264.1
11014	264.2
11087	264.5
11136	264
11201	263
11236	265.2
11278	258.8
11338	260.8
11392	255.4
11436	253.9

11469	253.8
11580	250.7
11635	249.7
11676	251.1
11727	250.7
11819	245.3
11896	245.3
11958	246.6
12050	243.2
12122	240.3
12371	237.5
12496	237.6
12642	234.2
12760	238.3
12942	237.3
13090	237.9
13241	237.6
13440	236.4
13542	239.2
13653	238.6
13804	238.6
13948	239.1
14303	228.5
14550	228.4
14725	226.1
14890	225.2
15012	224.5
15233	222
15438	221
15570	220.9
15742	219.4
15886	214
16073	207.5
16260	207.7
16452	202.9
16659	200.8
16870	195.2
17111	193.9
17375	191
17565	188.5
17809	188.5
17943	189.2
18285	187
18541	188.6

18828	189.4
18868	192.3
18921	188.3
19347	188.7
19509	188.8
19748	190
19988	188
20168	188.2
20197	195
20502	187.8
20748	186.9
21011	186.5
21257	184.7
21507	186.1
21854	185.7
22015	184.4
22827	189.2
25994	191.6
29063	188.5
30020	191.7
35009	205.3
37471	209.1
43500	209.1
47336	189.3
48854	188.4
49690	210.1
50663	215.7
52382	190.4
57088	221.7
57657	210.4
62859	195.3
64939	191.4
65939	194.9
71049	227.3
73227	229.1
77150	217.1
78183	221.7
80614	230.9
82417	241.1
83333	236.4
84016	228
85020	214.2
86181	217
87917	208

90357	224.2
91249	228.3
94353	232
99849	225.8
100837	230.8
101749	236.9
103465	228.1
104704	236.9
105636	230.6
107579	238.2
108153	245.6
109804	251.2
111862	256.7
113262	266.3
114096	261.4
114601	274.5
115118	273.2
116501	262.5
117750	267.6
118649	273.7
119672	271.9
120382	265.2
121017	277.6
122344	272.1
123070	276.4
124213	268.7
124257	266.6
124789	266.3
125081	279.7
125262	273
125434	277.1
126347	273.7
126598	267.1
126886	262.5
127132	262.6
127622	275.3
127907	275.6
128344	274
128372	287.1
128609	286.8
128866	282.6
129146	264.1
129340	263.4
129652	257.9

129736	259
131329	245
131455	240.4
131728	228.9
132492	223.5
133069	223.9
133105	220.3
133427	210.6
134123	208.9
134287	203.7
134960	204.5
135114	200.4
135207	198
135603	198
135883	201.7
136011	200.7
136251	202.4
136567	195.8
136655	201.1
137293	194.3
137633	193.4
137982	194.2
138185	190.2
139275	192.3
139617	196.5
140899	195.6
140960	196.4
142058	190.4
145363	196.9
148831	203
149803	191.9
149921	188.9
151423	200.6
154480	189
155395	185.5
155813	187.5
159562	204.3
159943	196.5
161679	191.6
162228	190.1
163024	186.7
163698	183.8
164439	196.6
167183	197.8

169492	197.7
171351	196
172434	190.3
173135	189.4
173394	190.1
175306	207.7
177139	213.2
178179	217.7
179117	198.1
180068	199.7
182046	203.4
184685	210.7
186697	231.3
188436	231.4
189076	220.3
190352	218
192910	226.5
193481	220
195017	226.4
195673	241.2
196179	242.6
198972	250.9
199918	239.1
201163	247.6
202413	244.4
202874	231.9
203317	232.2
203837	228.6
204480	226.3
204908	229.4
205362	231.4
205952	238.1
206144	237.2
206810	230
207120	240.5
207544	242.2
208064	244.6
208254	243.9
208803	247.2
208995	252
209432	246.9
209817	239.5
210154	257.4
210813	243.4

211858	251.2
212716	241.4
213270	240.3
213536	242.6
213984	247.5
214459	251.7
214794	251.1
215382	245.3
216352	240.5
218361	214.1
219116	216.1
220058	207.1
220739	208.8
222030	205.6
224269	203.3
224923	215.7
225909	235.5
226711	234.5
227027	233.1
227776	224.5
229423	232.4
230422	233.9
231066	241.6
234817	245.2
235480	252.1
236114	241.4
236734	247.4
237294	243.1
237868	239.1
238558	245.6
239013	245.8
239477	247.4
239973	252.8
240945	259.7
241366	263.2
242007	279
242346	280.2
243071	263.7
243429	252.3
243856	249.9
244347	236.7
244864	230.4
245441	219.4
247681	214.7

250133	200.2
251005	213.9
251864	195.4
252739	196.7
253636	195.4
255498	199
256309	201.9
257100	204
258661	203.9
260353	209.6
260916	205.7
262092	208.9
262930	214.6
264509	228.1
265653	199.9
266326	211.7
267442	188.7
268181	187.2
269154	194.2
270222	198.8
271256	184.7
272311	190.4
273310	193.9
274321	194.1
275350	198.4
276326	193.2
277361	202.2
278350	204.5
279320	211
280269	215.3
281758	223.7
283785	231.3
285380	228
286128	226.4
287036	231.4
287538	230.4
288233	231
290153	234.9
290730	220.4
291367	217.1
292405	207.6
293057	206
293779	206.7
294568	212.7

295930	213.1
297921	217.1
298741	224.4
299621	231
300472	236.1
301402	239
302280	236
303226	240.2
304232	240.7
304901	250.2
305655	248.6
306547	244.8
307495	225.8
308744	227.8
309389	226.2
310168	233.2
311013	237.8
311868	239
312676	241.9
313414	251.6
314144	256.7
314867	257.1
315572	246.8
316200	272.6
316897	251.6
317734	245.2
318559	233.4
319480	255.8
320358	249.2
322015	257.2
322767	260.4
323526	260.3
324280	260.5
324971	266.2
325720	264
326321	266.1
326972	270.1
327590	271.9
328221	275.1
329475	265
330208	271.7
330740	272.6
331438	273.1
331944	282.4

332285	289.1
332462	288.4
332919	298.6
333380	278.1
333890	285.8
334261	278.6
334748	270.5
335287	255.7
335918	241.9
336725	239.6
337391	234.2
339298	250.1
340456	200.7
341802	205.2
343282	204.8
344446	211.9
345980	220.3
348298	221.1
349688	216.2
350925	209.4
352275	209.2
355302	193
356898	186.1
358712	185.8
360957	201.2
363385	206.3
366235	201.9
367856	199.9
369446	214.7
371090	224.6
372646	229.6
376568	227
378096	240
379696	239.1
381132	246.8
382670	245.8
384534	258.1
385398	264.6
386144	259.2
388062	255.2
389946	250.1
391896	266.3
392544	259.5
393579	273.6

394560	260.7
398086	276.3
399722	277.1
400504	283.2
402000	283.1
402731	275.7
404181	276.5
404927	280.5
406368	279.6
407093	285.6
408600	284.5
409383	275.2
409383	274.2
410206	282.6
411071	283.5
412962	274.9
413948	264.9
414963	271.6
415717	276.4
416193	271.7
417191	273.4
417698	271.8
418245	274.6
419260	273.7
419808	271.2
420350	273.8
421484	268.6
422074	266.4
422649	270.6
423764	267.7
424332	268.3
424840	270.8
425242	270
425569	265.4
425975	255.3
426598	252.1
427285	248.2
427566	242.5
429006	219.7
429876	227.2
431063	211.5
431445	207.6
432599	209.8
433674	207.5

434804	200.3
435989	201.7
437152	201.3
438356	202
439565	199.1
441220	201.1
442411	203.5
443562	208.1
444650	201.7
445829	201.2
446984	204.9
448103	201.9
449244	198.4
450455	193.3
451593	192.5
452283	199.1
452795	204.3
453514	203.3
454023	208.3
455279	202.4
456591	195.5
458049	190.7
459430	194.4
460792	199.9
461687	205.2
462133	210
463456	208.1
464866	204.4
466265	203.4
467602	205.5
468323	206.5
468810	215.5
469470	218.7
469941	229.2
470597	232.7
471046	243.7
471763	243.9
472095	245.6
473102	241.2
474162	233.1
475218	232.8
476240	236.6
477162	239.1
477719	236.5

478124	231.3
478721	220.8
479144	218.8
480108	223.8
481035	223.4
481932	227.3
482803	231.4
483649	231.4
484465	231.2
485276	233
486043	232.9
486816	231.3
487541	237.1
488268	242
488689	240.9
488996	252.8
489475	249.3
489722	242.6
490445	243.3
491191	246.7
491959	243.7
492738	239.7
493507	239.1
494311	238.3
495085	238.5
495853	237.6
496608	236.4
497366	236.5
498104	232.8
498865	230.6
499610	230.8
500363	228.2
501130	230.8
501866	231.2
502625	232
503375	232.2
504083	234.1
504777	233.9
505516	235.5
506287	236
507011	238.2
507714	237
508476	240.3
509247	233.4

510008	236.4
510765	235.2
511515	242
512269	238.2
512997	239.2
513724	241.5
514429	243
515113	247.2
515771	246.2
516417	245.5
517069	245.3
517706	247.7
518334	245.5
518965	243.5
520892	241.9
521552	236.8
522216	235.8
522923	233.7
523666	230.3
524409	227.8
525164	224.7
525908	222.7
526661	221.2
527454	220.3
528262	220.7
528747	214.5
529101	211.4
529640	204.4
530016	200
530685	195.1
531035	193.8
531662	190.5
532119	199.8
533246	199.4
534364	205
535483	206.4
536622	212.9
537770	211.2
538959	205
540154	203.6
541345	208.1
542502	210.3
543676	209.6
544804	209.7

545956	204.6
547013	202.5
547573	208.8
547972	213.6
548933	215.2
549830	219.9
550637	221.7
551124	222.3
551452	226.3
551979	222.1
552250	220.3
552961	223.6
553626	224.3
554254	226.7
554831	233.9
555345	241
555637	243
555839	249.1
556143	244
556364	250.5
556724	245.6
556889	240.4
557385	238.1
557887	234.5
558183	229.7
558393	230.2
558929	230.3
559461	228.3
559972	231.6
560459	231.9
560930	234.6
561309	234.1
561846	240.1
562272	242.3
562690	245.7
563115	245.8
563517	247.6
563918	251.4
564311	252.4
564699	252.6
565077	251.4
565466	253.7
565851	254.3
566233	253.9

566619	254.5
567007	253.2
567381	253.9
567777	252.8
568167	253
568556	250.2
568946	251.3
569331	250
569728	251.3
570139	251.8
570548	251.8
570955	249.6
571367	251.6
571775	250.3
572190	246.3
572619	247.7
573037	249.2
573462	248.7
573902	251.8
574353	251.9
574803	252.1
575265	248.9
575730	252.5
576222	252.9
576723	251.3
577242	251.3
577769	251.1
578305	249.1
578857	252.9
579435	251.5
579821	244.1
580019	243.8
580400	236.2
580695	230.3
581160	225.2
581507	219.4
582000	215.4
582391	209.9
583034	206.7
583413	210.6
586406	224
586893	226
587647	234.4
588034	238.8

588716	246.3
589224	250.2
589868	248.1
590335	243.6
590893	237.4
592279	225.7
592697	229.4
593415	233.2
593870	238.1
594639	238
595189	232.9
595950	221.2
596515	216.4
597443	216.3
597966	219
598833	226
599434	229.4
600882	232.5
602278	237.9
603673	239.1
605076	244.5
606374	248.5
607708	254.6
608929	259.2
610136	257.7
611319	259.6
612514	258
613709	256
614923	252.5
616227	252.4
617544	252.3
618955	247.9
620338	245.4
621760	243
623214	238.6
624690	237.3
625570	234.3
626215	227.8
627211	214.9
627999	205
629446	198.7
630295	199.9
632001	199.5
632856	195.6

634592	192.1
635489	193.9
636957	193
638127	194.3
639848	187.7
640760	189.1
642405	190.2
643204	190.4
644662	194.1
645470	194.6
646723	188.6
647588	190.5
648946	192.1
649598	194.8
650891	187.8
651556	192
652802	185.8
653448	185.3
654473	191.3
655202	193.2
656286	198.4
656882	198.7
657923	191.3
658474	189.2
659524	182.4
660084	183.9
660981	186.6
661650	189.8
662669	187.8
663206	189
664192	189.1
664690	185.8
665645	178.2
666174	178.5
666995	172.7
667569	171.6
668447	175.6
668934	178.5
669751	185.5
670176	189.3
670916	192.6
671286	194.6
671926	192.5
672386	194.8

673095	198.7
673475	202.3
674173	209.2
674521	213.7
675589	220
676170	217.4
676524	214
677068	215.6
677380	217.4
677984	226.5
678291	230
678914	230.8
679252	230.3
679732	223
680081	225
680608	218.4
680920	216.2
681531	217.3
681849	219.7
682446	222.6
682762	221.3
683262	218.7
683612	217.5
684142	217.5
684419	219.4
684949	219.5
685217	219.7
685716	223.5
685980	224.4
686425	224.3
686726	227.3
687227	228.7
687470	228.8
687949	232.3
688195	233
688652	235.8
688881	234.9
689304	235.8
689603	239.9
690057	235.6
690294	234.8
690771	240
690999	234
691432	235.6

691672	236.6
692057	235.5
692338	235.9
692765	232.9
692990	234.8
693433	234.1
693639	234.1
694068	235.4
694300	234.4
694672	235.8
694941	236.9
695383	236.7
695618	237.6
696062	234.6
696287	234.8
696717	235.4
696963	232.9
697331	232.4
697660	232.2
698120	231
698386	228
698880	226.4
699102	227.7
699633	227.6
699909	226
700389	228.7
700744	227.6
701242	228.2
701606	228.8
702158	229.3
702381	230.3
702988	232.4
703384	232.8
703934	231.2
704211	231.2
704973	233.9
705410	228.5
706141	228.6
706409	228.1
709680	219.7
710237	220.2
711104	218.9
711421	218.7
712833	218.5

713843	222.3
714288	221.7
715180	217.7
715750	222.1
716704	208.1
717065	205
718064	192.9
718779	184.3
719794	187.8
720337	195.2
721318	206.3
722039	211.3
723133	213.4
723464	213.2
724445	210.3
725059	206.3
725937	206.6
726322	208.1
727192	204.5
727732	205.5
728568	205.1
728921	205.4
730299	204
730949	204.1
731329	204.9
732141	203.8
732548	205.9
733261	203.9
733543	204.4
734223	205.3
734604	207.4
735167	201.7
735459	201.3
736079	204.1
736460	209.7
737034	208.1
737266	211.3
737889	210.6
738272	206.5
738844	200.3
739137	197.8
739842	185
740277	178.9
741021	178.6

741307	176.6
742075	177.9
742558	182.3
743233	181.7
743589	180.4
744354	181.2
744843	182
745836	180.2
746643	183.1
747110	180.8
747759	180.8
748101	180.4
748913	181.4
749401	182.9
750194	184.8
750476	184
751301	186.2
751830	190.1
752605	188
752978	196.5
753984	191.5
754394	195.8
755241	200.5
755495	201.9
756357	206
756871	210.7
757561	215
757962	219.2
758259	215.3
758475	217.6
758883	217.9
759306	214.9
760202	208.8
760500	206.9
761453	206.1
762064	212
762871	216
763319	215
763686	225.7
763934	221.4
764249	224.1
764833	222.6
765735	216.8
766110	215.7

767096	213.5
767737	217.7
768655	222.4
769050	221.4
769514	228.1
769787	226
770133	231.5
770447	235.6
770724	238.2
770994	235.6
771260	237.7
771708	229.5
772076	230.9
773043	230
773680	233.3
774548	236.9
775051	240.5
776037	238.8
776636	243.9
777556	246.3
777900	246.1
778798	245.8
779364	243.9
780268	248.5
780612	242.8
781535	248.7
782059	246.2
783263	252.1
784147	246.9
784692	250.7
785413	253.3
785789	255.4
786587	260.3
787076	256.9
787805	248.1
788033	247.9
788887	229.5
789381	226.3
790153	218.2
790538	221.3
791491	215.4
792081	205.1
792943	204
793260	209

794608	199.4
795202	195.2
796467	189.3
797099	188.4
798512	191

at LGGE in Grenoble

C

depth	Deuterium	Ice Age	gas age (edc3_gas_a)	Temperature difference (from the average of the last 1000 years)
[m]	(per mille with respect to SMOW)	[yrs BP 1950]	[yrs BP 1950]	(°C)
99	-400.5	2424	1	-0.78
99.55	-395.8	2443	21	0.00
100.1	-399.7	2463	42	-0.65
100.65	-399.6	2481	62	-0.63
101.2	-394.8	2500	82	0.16
101.75	-398.5	2518	102	-0.45
102.3	-390.2	2535	120	0.92
102.85	-396.4	2553	137	-0.11
103.4	-392.7	2571	153	0.51
103.95	-400.4	2589	167	-0.77
104.5	-393.5	2607	192	0.37
105.05	-390.6	2625	217	0.85
105.6	-395.2	2642	230	0.09
106.15	-396.9	2659	244	-0.19
106.7	-399.1	2678	262	-0.56
107.25	-396.9	2697	281	-0.20
107.8	-401	2715	302	-0.88
108.35	-387.9	2733	324	1.29
108.9	-390.3	2750	349	0.89
109.45	-390.8	2767	369	0.81
110	-390.2	2784	387	0.91
110.55	-395.6	2801	407	0.01
111.1	-387.7	2818	426	1.32
111.65	-388.9	2835	444	1.12
112.2	-388.9	2852	460	1.12
112.75	-395.4	2870	472	0.04
113.3	-399.5	2888	486	-0.64
113.85	-401.7	2906	502	-1.00
114.4	-392.2	2924	523	0.57
114.95	-393.9	2943	545	0.29
115.5	-397.7	2961	559	-0.34
116.05	-401.1	2980	573	-0.91
116.6	-395.7	3000	595	-0.01
117.15	-398.7	3019	617	-0.51
117.7	-395	3037	638	0.10
118.25	-394.7	3056	659	0.15
118.8	-395.8	3074	679	-0.03
119.35	-391.8	3092	700	0.63
119.9		3110	723	0.95
120.45	-387.9	3129	732	1.27
121	-404.4	3147	737	-1.46
121.55	-401.1	3165	755	-0.91
122.1	-403.4	3186	776	-1.30

122.65	-391.8	3207	801	0.62
123.2	-400.5	3227	823	-0.82
123.75	-406.2	3247	840	-1.76
124.3	-392.7	3267	859	0.47
124.85	-400	3287	878	-0.74
125.4	-401.9	3307	903	-1.05
125.95	-391.3	3326	930	0.70
126.5	-399.8	3346	941	-0.71
127.05	-404.2	3365	952	-1.44
127.6	-395.6	3385	977	-0.01
128.15	-397.2	3405	1001	-0.28
128.7	-398.2	3425	1020	-0.44
129.25	-396.6	3445	1040	-0.18
129.8	-395.6	3465	1063	-0.02
130.35	-392.7	3484	1080	0.46
130.9	-401.8	3503	1094	-1.04
131.45	-387.3	3522	1115	1.35
132	-394.6	3541	1136	0.15
132.55	-397.2	3559	1154	-0.29
133.1	-394.5	3578	1173	0.16
133.65	-399.5	3598	1195	-0.67
134.2	-389.9	3618	1215	0.92
134.75	-390.8	3636	1234	0.77
135.3	-394.4	3654	1253	0.17
135.85	-391.7	3672	1272	0.62
136.4	-389.2	3691	1285	1.03
136.95	-401.6	3709	1295	-1.02
137.5	-387.2	3727	1322	1.36
138.05	-387.8	3746	1351	1.26
138.6	-404.9	3764	1365	-1.57
139.15	-388.9	3783	1382	1.07
139.7	-394.9	3802	1400	0.08
140.25	-393.8	3822	1417	0.26
140.8	-399.6	3842	1433	-0.70
141.35	-400.9	3861	1455	-0.92
141.9	-391	3881	1482	0.72
142.45	-396.1	3900	1499	-0.12
143	-398.5	3920	1513	-0.52
143.55	-396.5	3940	1533	-0.19
144.1	-397.8	3960	1554	-0.41
144.65	-392.9	3980	1575	0.40
145.2	-398.7	3999	1596	-0.56
145.75	-398.9	4019	1618	-0.59
146.3	-390.6	4038	1638	0.78
146.85	-390.4	4057	1659	0.81
147.4	-402.3	4076	1683	-1.16
147.95	-389.9	4095	1707	0.89
148.5	-390.3	4115	1721	0.82
149.05	-398.8	4134	1734	-0.59
149.6	-397.8	4154	1756	-0.42

150.15	-394.9	4173	1777	0.06
150.7	-392.2	4193	1794	0.50
151.25	-404.7	4212	1816	-1.57
151.8	-391.2	4231	1843	0.67
152.35	-387.3	4250	1863	1.31
152.9	-396.4	4269	1878	-0.20
153.45	-387	4288	1895	1.36
154	-398.1	4307	1911	-0.48
154.55	-401.4	4326	1932	-1.03
155.1	-395.2	4347	1954	0.00
155.65	-393.4	4367	1976	0.29
156.2	-394.9	4387	1995	0.04
156.75	-397.1	4406	2010	-0.32
157.3	-400.6	4426	2032	-0.90
157.85	-393	4445	2059	0.35
158.4	-387.1	4465	2078	1.33
158.95	-397.5	4484	2092	-0.39
159.5	-390.4	4503	2110	0.78
160.05	-399.3	4521	2128	-0.70
160.6	-397.5	4542	2147	-0.40
161.15	-399.9	4562	2168	-0.80
161.7	-395	4582	2193	0.01
162.25	-394.1	4602	2215	0.16
162.8	-393.4	4622	2235	0.27
163.35	-398.4	4642	2256	-0.56
163.9	-395.1	4661	2277	-0.01
164.45	-396	4681	2296	-0.16
165	-397.3	4701	2315	-0.38
165.55	-389.3	4721	2335	0.94
166.1	-399.6	4741	2354	-0.76
166.65	-402.3	4760	2373	-1.21
167.2	-396.7	4781	2393	-0.28
167.75	-397.2	4801	2412	-0.37
168.3	-402	4821	2434	-1.16
168.85	-396.9	4842	2458	-0.32
169.4	-390.9	4863	2480	0.67
169.95	-393.4	4882	2501	0.25
170.5	-395.9	4901	2519	-0.16
171.05	-395.1	4920	2537	-0.03
171.6	-392.7	4939	2561	0.37
172.15	-389	4958	2581	0.98
172.7	-397.9	4978	2593	-0.50
173.25	-398.9	4997	2609	-0.66
173.8	-396.8	5018	2630	-0.32
174.35	-396.6	5037	2651	-0.29
174.9	-392.7	5057	2672	0.36
175.45	-400.6	5077	2691	-0.95
176	-396.3	5097	2709	-0.24
176.55	-395.6	5118	2730	-0.13
177.1	-393.3	5137	2751	0.25

177.65	-391.4	5156	2772	0.56
178.2	-391.3	5175	2791	0.58
178.75	-393.2	5193	2806	0.26
179.3	-397.6	5212	2823	-0.47
179.85	-395.8	5232	2841	-0.17
180.4	-403.1	5253	2862	-1.38
180.95	-396.3	5273	2884	-0.26
181.5	-390.6	5293	2905	0.69
182.05	-396	5312	2925	-0.21
182.6	-390.6	5332	2945	0.68
183.15	-396.3	5351	2966	-0.26
183.7	-394.5	5370	2988	0.03
184.25	-391.4	5389	3003	0.54
184.8	-407.6	5409	3012	-2.14
185.35	-401.2	5430	3031	-1.08
185.9	-402.4	5453	3055	-1.28
186.45	-395	5474	3076	-0.06
187	-402.5	5495	3095	-1.30
187.55	-407.9	5516	3117	-2.19
188.1	-399.6	5539	3143	-0.82
188.65	-394.6	5561	3176	0.00
189.2	-387.2	5580	3200	1.23
189.75	-396.2	5598	3215	-0.26
190.3	-394	5617	3231	0.10
190.85	-399.1	5637	3248	-0.75
191.4	-395.2	5657	3269	-0.10
191.95	-396	5677	3290	-0.24
192.5	-400.4	5697	3314	-0.97
193.05	-391.1	5717	3339	0.57
193.6	-399.2	5736	3361	-0.77
194.15	-386.2	5756	3382	1.38
194.7	-398.9	5774	3398	-0.72
195.25	-389	5793	3416	0.91
195.8	-388.4	5811	3435	1.01
196.35	-400.4	5831	3455	-0.98
196.9	-392.7	5850	3475	0.29
197.45	-391	5868	3493	0.57
198	-392.5	5887	3511	0.32
198.55	-397.7	5905	3523	-0.54
199.1	-399.8	5926	3538	-0.89
199.65	-398.7	5946	3554	-0.71
200.2	-403.7	5967	3575	-1.54
200.75	-397.4	5989	3601	-0.50
201.3	-391.7	6009	3623	0.45
201.85	-394.5	6028	3642	-0.02
202.4	-396.8	6047	3658	-0.40
202.95	-399.2	6067	3674	-0.80
203.5	-394	6087	3698	0.06
204.05	-391.4	6107	3723	0.49
204.6	-403.5	6127	3742	-1.52

205.15	-389.5	6147	3760	0.80
205.7	-399.9	6166	3774	-0.93
206.25	-397.4	6186	3792	-0.51
206.8	-398.6	6205	3812	-0.71
207.35	-394.1	6225	3830	0.03
207.9	-398.4	6245	3848	-0.68
208.45	-401.7	6265	3873	-1.23
209	-392.6	6286	3899	0.27
209.55	-395.4	6306	3912	-0.19
210.1	-402.1	6326	3925	-1.30
210.65	-403.6	6346	3945	-1.55
211.2	-396.5	6367	3966	-0.38
211.75	-402.5	6388	3983	-1.37
212.3	-398.8	6409	4005	-0.76
212.85	-397	6430	4031	-0.47
213.4	-389.4	6449	4051	0.79
213.95	-395	6468	4069	-0.14
214.5	-404.9	6487	4082	-1.78
215.05	-402.2	6509	4098	-1.34
215.6	-389.2	6531	4125	0.81
216.15	-397	6550	4148	-0.48
216.7	-401.8	6570	4162	-1.27
217.25	-398.4	6590	4177	-0.71
217.8	-407.8	6612	4195	-2.27
218.35	-395.4	6633	4214	-0.22
218.9	-403.1	6654	4233	-1.50
219.45	-406.1	6675	4263	-2.00
220	-390.4	6695	4294	0.60
220.55	-392.6	6715	4310	0.23
221.1	-395.7	6735	4325	-0.28
221.65	-402.9	6755	4338	-1.47
222.2	-401.9	6775	4354	-1.31
222.75	-401.2	6797	4376	-1.20
223.3	-400.4	6818	4399	-1.07
223.85	-397.5	6838	4423	-0.59
224.4	-389.4	6858	4445	0.75
224.95	-395.4	6877	4465	-0.25
225.5	-387.9	6895	4481	0.99
226.05	-398.3	6913	4497	-0.73
226.6	-398.7	6933	4514	-0.80
227.15	-401.3	6953	4532	-1.23
227.7	-396.8	6974	4555	-0.49
228.25	-395.6	6994	4575	-0.29
228.8	-402.5	7013	4589	-1.44
229.35	-399.5	7034	4610	-0.94
229.9	-397.8	7056	4633	-0.66
230.45	-400.5	7076	4652	-1.11
231	-400.8	7097	4670	-1.16
231.55	-396.1	7118	4687	-0.39
232.1	-405.3	7139	4704	-1.91

232.65	-411.9	7160	4722	-3.00
233.2	-401.7	7183	4743	-1.32
233.75	-399.3	7206	4768	-0.93
234.3	-404.7	7228	4789	-1.82
234.85	-403.1	7249	4807	-1.56
235.4	-402.3	7270	4831	-1.43
235.95	-396.1	7292	4858	-0.40
236.5	-388.3	7311	4875	0.88
237.05	-398.5	7330	4891	-0.81
237.6	-406.3	7349	4906	-2.10
238.15	-399.9	7371	4923	-1.04
238.7	-404.7	7392	4940	-1.84
239.25	-403.8	7414	4962	-1.69
239.8	-395	7436	4988	-0.24
240.35	-402.8	7457	5007	-1.53
240.9	-404.2	7478	5021	-1.77
241.45	-399.1	7498	5047	-0.93
242	-393.3	7519	5075	0.03
242.55	-399.1	7539	5097	-0.93
243.1	-389.2	7557	5117	0.70
243.65	-397.7	7576	5135	-0.71
244.2	-388.4	7595	5150	0.83
244.75	-400.3	7614	5160	-1.14
245.3	-403.7	7633	5177	-1.71
245.85	-398.3	7655	5201	-0.82
246.4	-396.1	7676	5227	-0.46
246.95	-390.7	7695	5251	0.43
247.5	-404.7	7714	5263	-1.88
248.05	-400.2	7733	5276	-1.14
248.6	-388.5	7753	5306	0.79
249.15	-390.4	7773	5330	0.47
249.7	-405.5	7792	5339	-2.03
250.25	-399.5	7812	5353	-1.04
250.8	-402.1	7833	5373	-1.47
251.35	-402.2	7854	5398	-1.49
251.9	-395.2	7874	5425	-0.34
252.45	-391.6	7894	5444	0.26
253	-396.5	7913	5461	-0.56
253.55	-399.5	7933	5477	-1.06
254.1	-400.6	7953	5493	-1.24
254.65	-401.6	7974	5512	-1.41
255.2	-400.6	7995	5530	-1.25
255.75	-406.3	8016	5548	-2.19
256.3	-398.3	8038	5563	-0.87
256.85	-411.7	8060	5578	-3.09
257.4	-399.8	8083	5604	-1.13
257.95	-396.9	8104	5632	-0.65
258.5	-401.4	8124	5646	-1.40
259.05	-405.3	8145	5659	-2.04
259.6	-408.3	8168	5676	-2.54

260.15	-406.5	8191	5696	-2.25
260.7	-400.8	8213	5718	-1.31
261.25	-403.2	8235	5741	-1.71
261.8	-397.5	8256	5764	-0.77
262.35	-401	8277	5783	-1.35
262.9	-401.5	8298	5799	-1.43
263.45	-400.4	8319	5819	-1.26
264	-400.3	8340	5840	-1.24
264.55	-407.3	8361	5857	-2.40
265.1	-403	8383	5874	-1.69
265.65	-404.2	8405	5897	-1.89
266.2	-401.2	8427	5920	-1.40
266.75	-397.2	8448	5943	-0.74
267.3	-396.9	8468	5963	-0.70
267.85	-397.8	8488	5978	-0.85
268.4	-409.5	8508	5999	-2.79
268.95	-397.1	8529	6023	-0.74
269.5	-390.3	8550	6042	0.38
270.05	-397.5	8570	6062	-0.81
270.6	-401.9	8589	6082	-1.54
271.15	-392.4	8609	6101	0.02
271.7	-399.9	8629	6116	-1.22
272.25	-399.3	8648	6134	-1.13
272.8	-396.7	8668	6154	-0.70
273.35	-402.1	8688	6173	-1.60
273.9	-401.8	8709	6190	-1.55
274.45	-397.5	8730	6210	-0.84
275	-400.2	8750	6230	-1.29
275.55	-395	8770	6247	-0.44
276.1	-404.4	8790	6265	-2.00
276.65	-402.1	8811	6288	-1.62
277.2	-397.9	8833	6312	-0.93
277.75	-393.4	8852	6335	-0.19
278.3	-397.7	8872	6355	-0.90
278.85	-397.4	8891	6373	-0.86
279.4	-397.4	8911	6391	-0.86
279.95	-399	8931	6409	-1.13
280.5	-391.8	8950	6433	0.05
281.05	-392.7	8969	6456	-0.10
281.6	-401.1	8988	6472	-1.49
282.15	-396.1	9008	6489	-0.67
282.7	-397.7	9027	6509	-0.94
283.25	-395.6	9047	6529	-0.59
283.8	-398.6	9066	6548	-1.09
284.35	-394.9	9086	6567	-0.49
284.9	-394.9	9105	6587	-0.49
285.45	-407.4	9126	6603	-2.56
286	-403.4	9147	6618	-1.90
286.55	-392.2	9168	6641	-0.06
287.1	-400.4	9187	6664	-1.42

287.65	-391.1	9207	6692	0.11
288.2	-388.5	9224	6713	0.54
288.75	-394.8	9242	6727	-0.51
289.3	-397.7	9262	6742	-0.99
289.85	-401.2	9281	6760	-1.57
290.4	-391.9	9301	6781	-0.04
290.95	-393.3	9319	6804	-0.28
291.5	-394.3	9338	6822	-0.45
292.05	-395	9357	6841	-0.57
292.6	-392.4	9376	6862	-0.14
293.15	-393.5	9394	6883	-0.33
293.7	-390	9412	6905	0.24
294.25		9430	6926	0.36
294.8	-388.5	9447	6943	0.48
295.35	-394.3	9464	6955	-0.48
295.9	-403.6	9484	6964	-2.02
296.45	-393.3	9504	6985	-0.33
297	-398	9523	7008	-1.11
297.55	-391	9542	7030	0.04
298.1	-395.8	9561	7053	-0.75
298.65	-386.4	9578	7077	0.79
299.2	-391.8	9596	7098	-0.10
299.75	-398.2	9614	7113	-1.16
300.3	-391.6	9633	7133	-0.08
300.85	-393.4	9652	7157	-0.38
301.4	-384.4	9669	7176	1.11
301.95	-391.3	9686	7194	-0.04
302.5	-391	9704	7215	0.01
303.05	-388.3	9721	7236	0.45
303.6	-391.4	9738	7258	-0.07
304.15	-382.9	9755	7275	1.33
304.7	-387.2	9772	7282	0.62
305.25	-405.5	9789	7297	-2.40
305.8	-391.7	9809	7322	-0.13
306.35	-392.1	9828	7340	-0.20
306.9	-400.4	9847	7354	-1.57
307.45	-386.7	9866	7375	0.68
308	-394.5	9884	7396	-0.61
308.55	-389.9	9902	7414	0.15
309.1	-394.7	9920	7433	-0.65
309.65	-396.6	9939	7453	-0.97
310.2	-388.6	9957	7473	0.35
310.75	-392.9	9976	7489	-0.36
311.3	-395.2	9994	7509	-0.75
311.85	-389.1	10012	7530	0.26
312.4	-388.7	10029	7548	0.32
312.95	-391.8	10047	7564	-0.20
313.5	-388.8	10065	7577	0.29
314.05	-397.7	10083	7593	-1.18
314.6	-390.4	10101	7623	0.02

315.15	-382.1	10117	7647	1.39
315.7	-387.9	10134	7660	0.43
316.25	-390.6	10151	7675	-0.02
316.8	-393.3	10169	7692	-0.47
317.35	-388.1	10187	7710	0.38
317.9	-391.6	10205	7727	-0.20
318.45	-396.9	10222	7742	-1.08
319	-398.7	10241	7756	-1.38
319.55	-386.6	10259	7783	0.61
320.1	-390.7	10278	7809	-0.07
320.65	-391.2	10295	7828	-0.15
321.2	-389.5	10313	7845	0.12
321.75	-400.9	10331	7860	-1.76
322.3	-388.6	10350	7877	0.26
322.85	-397.9	10369	7895	-1.27
323.4	-393	10388	7917	-0.47
323.95	-394.4	10407	7938	-0.71
324.5	-399.4	10426	7965	-1.53
325.05	-388.2	10445	7992	0.31
325.6	-386.8	10462	8018	0.53
326.15	-383	10479	8040	1.16
326.7	-387.5	10495	8054	0.41
327.25	-390.1	10511	8073	-0.02
327.8	-377.1	10527	8096	2.12
328.35	-397.4	10543	8113	-1.23
328.9	-390.6	10562	8128	-0.12
329.45	-393.2	10580	8145	-0.55
330	-395.2	10599	8161	-0.88
330.55	-393.7	10618	8184	-0.64
331.1	-392.9	10637	8206	-0.51
331.65	-391.4	10655	8232	-0.27
332.2	-384.5	10673	8253	0.86
332.75	-394.4	10691	8266	-0.77
333.3	-394.8	10708	8282	-0.84
333.85	-395.8	10727	8300	-1.01
334.4	-396.2	10746	8320	-1.08
334.95	-395.4	10766	8341	-0.96
335.5	-391.7	10784	8365	-0.35
336.05	-390.9	10803	8388	-0.22
336.6	-388	10821	8407	0.25
337.15	-392.6	10838	8424	-0.51
337.7	-397.7	10856	8439	-1.36
338.25	-394.3	10875	8459	-0.80
338.8	-391.4	10895	8485	-0.33
339.35	-387.7	10913	8502	0.28
339.9	-395.2	10931	8515	-0.96
340.45	-400.3	10949	8536	-1.81
341	-393.3	10969	8558	-0.66
341.55	-390	10989	8582	-0.12
342.1	-390.9	11006	8603	-0.27

342.65	-387.4	11024	8624	0.30
343.2	-389.7	11042	8642	-0.08
343.75	-398	11060	8654	-1.45
344.3	-396.1	11079	8671	-1.14
344.85	-392	11098	8695	-0.47
345.4	-397.7	11117	8712	-1.41
345.95	-398.9	11136	8728	-1.62
346.5	-394.7	11157	8757	-0.93
347.05	-386.8	11175	8786	0.37
347.6	-385.8	11192	8805	0.53
348.15	-387.9	11209	8821	0.18
348.7	-390.7	11228	8832	-0.29
349.25	-402	11246	8848	-2.15
349.8	-392.6	11265	8872	-0.61
350.35	-390.8	11283	8893	-0.32
350.9	-394.6	11302	8912	-0.95
351.45	-381	11319	8937	1.29
352	-382.1	11336	8964	1.11
352.55	-399.5	11354	8972	-1.77
353.1	-393.5	11373	8984	-0.78
353.65	-398.4	11392	9002	-1.59
354.2	-393.4	11411	9023	-0.77
354.75	-390.9	11430	9050	-0.37
355.3	-386.1	11448	9073	0.42
355.85	-387.8	11465	9093	0.14
356.4	-383.8	11482	9112	0.79
356.95	-386.9	11499	9130	0.28
357.5	-393	11516	9140	-0.73
358.05	-396.6	11535	9151	-1.33
358.6	-394.1	11554	9171	-0.92
359.15	-395.5	11573	9192	-1.16
359.7	-395.4	11593	9213	-1.15
360.25	-389.6	11612	9234	-0.19
360.8	-394.8	11631	9252	-1.05
361.35	-388.3	11649	9270	0.01
361.9	-394.8	11667	9288	-1.06
362.45	-387.9	11686	9303	0.07
363	-396.1	11704	9317	-1.29
363.55	-391.3	11723	9339	-0.50
364.1	-393.6	11742	9360	-0.88
364.65	-387.8	11760	9378	0.07
365.2	-396.1	11779	9393	-1.30
365.75	-403.2	11798	9404	-2.48
366.3	-399.4	11820	9422	-1.85
366.85	-400.8	11841	9443	-2.09
367.4	-399.4	11863	9463	-1.86
367.95	-400.9	11884	9482	-2.11
368.5	-399.2	11905	9498	-1.84
369.05	-404.9	11927	9514	-2.78
369.6	-404	11949	9538	-2.64

370.15	-398.2	11972	9561	-1.69
370.7	-400	11993	9580	-1.99
371.25	-399.8	12014	9597	-1.96
371.8	-406.2	12037	9612	-3.02
372.35	-403.5	12059	9628	-2.57
372.9	-405.5	12082	9646	-2.91
373.45	-414.8	12106	9665	-4.44
374	-406.2	12131	9687	-3.03
374.55	-405.8	12156	9705	-2.97
375.1	-410.9	12181	9724	-3.81
375.65	-403.7	12205	9753	-2.63
376.2	-400.6	12227	9776	-2.12
376.75	-409.6	12250	9792	-3.61
377.3	-401.2	12273	9807	-2.23
377.85	-413.3	12297	9820	-4.23
378.4	-414.3	12324	9842	-4.40
378.95	-408.8	12350	9867	-3.49
379.5	-417.4	12376	9890	-4.91
380.05	-406.8	12402	9911	-3.17
380.6	-404.3	12427	9930	-2.76
381.15	-412.4	12452	9948	-4.10
381.7	-412.6	12477	9967	-4.14
382.25	-410.9	12503	9983	-3.86
382.8	-420.8	12530	9997	-5.50
383.35	-417.2	12559	10017	-4.91
383.9	-418.8	12588	10040	-5.17
384.45	-415.6	12617	10061	-4.65
385	-418.6	12646	10082	-5.15
385.55	-410.9	12673	10107	-3.88
386.1	-413.7	12700	10131	-4.35
386.65	-412.7	12727	10148	-4.19
387.2	-419.3	12754	10167	-5.28
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388.3	-412.1	12813	10213	-4.10
388.85	-416	12841	10236	-4.74
389.4	-408.8	12867	10257	-3.56
389.95	-413.9	12894	10277	-4.41
390.5	-416.4	12922	10296	-4.82
391.05	-417.7	12950	10315	-5.04
391.6	-414.9	12978	10342	-4.58
392.15	-410.4	13005	10365	-3.85
392.7	-411.6	13032	10383	-4.05
393.25	-415	13059	10401	-4.61
393.8	-418.4	13087	10417	-5.17
394.35	-415.5	13115	10440	-4.70
394.9	-412.9	13143	10465	-4.27
395.45	-408	13170	10487	-3.47
396	-410.8	13196	10507	-3.94
396.55	-414.8	13222	10529	-4.60
397.1	-408.7	13249	10550	-3.60

397.65	-408.5	13275	10570	-3.57
398.2	-411.8	13300	10588	-4.12
398.75	-412.8	13327	10603	-4.28
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400.95	-416.6	13440	10685	-4.92
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404.25	-416.8	13600	10807	-4.98
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405.9	-411.9	13687	10876	-4.18
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416.35	-406.9	14180	11255	-3.43
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417.45	-392.2	14230	11299	-1.02
418	-397.7	14252	11324	-1.93
418.55	-399.1	14273	11337	-2.16
419.1	-402.3	14295	11353	-2.69
419.65	-401.1	14318	11370	-2.50
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421.3	-418.2	14390	11416	-5.32
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422.4	-402.3	14442	11455	-2.71
422.95	-411.1	14467	11471	-4.17
423.5	-411.1	14493	11494	-4.17
424.05	-407.3	14520	11517	-3.55
424.6	-413.6	14547	11533	-4.59

425.15	-411.2	14574	11550	-4.20
425.7	-418.6	14601	11566	-5.42
426.25	-415.7	14631	11587	-4.94
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429	-410.1	14770	11706	-4.04
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437.25	-416.6	15182	12050	-5.16
437.8	-420	15211	12072	-5.72
438.35	-418.5	15242	12098	-5.47
438.9	-419.6	15273	12124	-5.66
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446.05	-419.1	15672	12497	-5.61
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454.3	-422.6	16162	12943	-6.22
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473	-443.5	17499	13944	-9.70
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477.95	-440.5	17903	14209	-9.21
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601.15	-440	28759	24121	-8.91
601.7	-442.2	28809	24174	-9.27
602.25	-436.6	28859	24228	-8.35
602.8	-439.8	28908	24280	-8.88
603.35	-436.2	28956	24332	-8.28
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604.45	-436.1	29052	24439	-8.26
605	-435.1	29099	24495	-8.10
605.55	-435.9	29145	24554	-8.23
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606.65	-438.2	29236	24658	-8.60
607.2	-431.8	29283	24706	-7.55
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608.3	-443.2	29375	24798	-9.42
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609.4	-437.1	29474	24907	-8.42
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613.25	-445.7	29808	25264	-9.82
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614.9	-445.9	29967	25426	-9.85
615.45	-437.1	30020	25476	-8.40
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623.15	-440.1	30738	26254	-8.87
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638.55	-436.9	32154	27719	-8.31
639.1	-439.9	32203	27770	-8.81
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640.2	-437.3	32302	27881	-8.38
640.75	-433.7	32350	27934	-7.78
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642.95	-442.1	32545	28128	-9.16
643.5	-445.8	32598	28175	-9.77
644.05	-443.9	32652	28226	-9.46
644.6	-443	32707	28274	-9.31

645.15	-446.5	32761	28325	-9.88
645.7	-442.6	32816	28384	-9.24
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657.25	-444.5	33856	29406	-9.53
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658.9	-444.5	34021	29566	-9.52
659.45	-442.3	34077	29628	-9.16
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825.55	-438.3	48712	44982	-8.32
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828.3	-433.8	48962	45234	-7.57
828.85	-434.4	49012	45277	-7.67
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829.95	-437.4	49115	45365	-8.17
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1430.55	-418.8	105495	102024	-4.64
1431.1	-419.5	105552	102079	-4.75
1431.65	-420.4	105608	102133	-4.90
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1432.75	-422.6	105725	102245	-5.26
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1438.25	-414.7	106287	102839	-3.94
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1439.35	-413.1	106394	102962	-3.68
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1440.45	-411	106499	103091	-3.33
1441	-412.6	106550	103155	-3.59
1441.55	-409.1	106601	103218	-3.01
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1443.2	-422.2	106759	103393	-5.17
1443.75	-420.1	106818	103462	-4.83
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1445.95	-416.9	107046	103727	-4.29
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1447.05	-423.2	107162	103842	-5.32
1447.6	-421.6	107223	103911	-5.06
1448.15	-420.5	107283	103977	-4.87
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1454.2	-430.4	107986	104660	-6.46
1454.75	-429.9	108056	104723	-6.38
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1630.75	-384.9	124424	122358	2.11
1631.3	-380	124462	122395	2.92
1631.85	-389.2	124501	122431	1.39
1632.4	-388.3	124542	122468	1.54
1632.95	-392.5	124585	122507	0.84
1633.5	-386.4	124628	122555	1.85
1634.05	-384.7	124670	122600	2.13
1634.6	-392.3	124711	122633	0.87

1635.15	-393.9	124754	122672	0.60
1635.7	-387.2	124799	122721	1.71
1636.25	-384.8	124841	122766	2.10
1636.8	-381	124881	122807	2.73
1637.35	-388	124920	122848	1.57
1637.9	-384	124960	122888	2.23
1638.45	-390.7	125001	122925	1.11
1639	-392.5	125043	122962	0.81
1639.55	-385	125088	123007	2.05
1640.1	-391.8	125129	123048	0.92
1640.65	-389.7	125172	123095	1.27
1641.2	-385.2	125215	123139	2.01
1641.75	-386.8	125256	123179	1.74
1642.3	-388.6	125297	123218	1.44
1642.85	-391.5	125339	123258	0.96
1643.4	-385.8	125383	123302	1.90
1643.95	-387.1	125424	123343	1.68
1644.5	-385	125465	123385	2.03
1645.05	-385.2	125506	123426	1.99
1645.6	-390.3	125546	123462	1.14
1646.15	-389.5	125589	123501	1.27
1646.7	-389.1	125632	123543	1.33
1647.25	-388.1	125674	123583	1.50
1647.8	-390.6	125717	123623	1.08
1648.35	-387.3	125760	123661	1.62
1648.9	-393.5	125803	123697	0.59
1649.45	-395.8	125848	123746	0.21
1650	-384.4	125894	123798	2.09
1650.55	-388.6	125935	123832	1.39
1651.1	-390.5	125978	123870	1.08
1651.65	-390.3	126022	123915	1.11
1652.2	-383.2	126064	123958	2.28
1652.75	-392.2	126106	123996	0.79
1653.3	-384	126148	124034	2.14
1653.85	-391.8	126189	124068	0.84
1654.4	-391.4	126233	124112	0.91
1654.95	-384.4	126277	124157	2.06
1655.5	-384.4	126318	124188	2.06
1656.05	-394.2	126359	124220	0.43
1656.6	-390.1	126403	124258	1.11
1657.15	-394.8	126448	124298	0.33
1657.7	-393.8	126494	124342	0.49
1658.25	-388.7	126541	124388	1.33
1658.8	-389.7	126583	124431	1.16
1659.35	-386	126626	124477	1.77
1659.9	-385.1	126668	124522	1.91
1660.45	-387.6	126708	124567	1.50
1661	-382.2	126749	124612	2.39
1661.55	-380.9	126789	124653	2.60
1662.1	-383.6	126827	124693	2.14

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1663.2	-377.1	126904	124781	3.21
1663.75	-381.2	126940	124819	2.53
1664.3	-377.2	126978	124856	3.18
1664.85	-383.5	127015	124893	2.14
1665.4	-379.5	127053	124936	2.79
1665.95	-377	127090	124982	3.20
1666.5	-380.3	127126	125017	2.65
1667.05	-384.8	127164	125054	1.90
1667.6	-383.2	127203	125096	2.16
1668.15	-382.6	127243	125140	2.25
1668.7	-380.4	127281	125183	2.61
1669.25	-378.9	127319	125222	2.86
1669.8	-386.1	127357	125258	1.66
1670.35	-384.7	127397	125299	1.89
1670.9	-383.5	127437	125344	2.08
1671.45	-378	127476	125390	2.98
1672	-375.9	127512	125435	3.33
1672.55	-381.2	127548	125473	2.44
1673.1	-379.2	127586	125511	2.77
1673.65	-378.1	127622	125550	2.95
1674.2	-383.5	127660	125591	2.04
1674.75	-378	127698	125633	2.95
1675.3	-374.1	127735	125678	3.59
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1676.4	-378.7	127810	125774	2.81
1676.95	-369.1	127846	125822	4.40
1677.5	-375.3	127879	125858	3.36
1678.05	-371.8	127913	125895	3.93
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1679.7	-375.1	128013	126018	3.36
1680.25	-371.4	128047	126059	3.97
1680.8	-376	128079	126099	3.20
1681.35	-374.3	128113	126138	3.47
1681.9	-375.5	128147	126177	3.26
1682.45	-368.7	128182	126224	4.38
1683	-379.6	128215	126271	2.56
1683.55	-366.1	128249	126312	4.79
1684.1	-370.8	128284	126355	4.00
1684.65	-377.4	128317	126401	2.90
1685.2	-370.2	128349	126444	4.08
1685.75	-373.9	128380	126484	3.46
1686.3	-365.8	128412	126523	4.79
1686.85	-366.2	128443	126561	4.71
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1688.5	-371.3	128537	126678	3.84
1689.05	-375.7	128567	126713	3.10
1689.6	-372.2	128598	126743	3.66

1690.15	-365	128631	126778	4.84
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1691.25	-370.2	128694	126855	3.96
1691.8	-373.9	128726	126888	3.34
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1694	-374.7	128855	127029	3.16
1694.55	-370.8	128889	127070	3.79
1695.1	-370.2	128922	127109	3.88
1695.65	-379.4	128956	127146	2.35
1696.2	-372.3	128991	127185	3.52
1696.75	-371.4	129024	127225	3.66
1697.3	-365.6	129058	127263	4.61
1697.85	-373	129090	127299	3.38
1698.4	-374.5	129125	127340	3.12
1698.95	-368.6	129158	127382	4.09
1699.5	-370.3	129191	127418	3.80
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1701.15	-377.1	129287	127517	2.65
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1702.8	-366.6	129393	127639	4.35
1703.35	-372.1	129425	127672	3.44
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1704.45	-370	129493	127739	3.77
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1705.55	-372.6	129560	127806	3.32
1706.1	-371.7	129594	127840	3.46
1706.65	-372.2	129627	127872	3.37
1707.2	-373.9	129661	127903	3.08
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1708.3	-377.8	129734	127970	2.42
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1711.05	-371.9	129907	128142	3.35
1711.6	-378.1	129941	128170	2.31
1712.15	-375.6	129977	128201	2.72
1712.7	-374.4	130013	128237	2.91
1713.25	-371.4	130049	128268	3.39
1713.8	-382.4	130083	128292	1.57
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1715.45	-378.5	130194	128394	2.19
1716	-380.1	130231	128422	1.91
1716.55	-375.8	130268	128458	2.61
1717.1	-374.9	130305	128491	2.75

1717.65	-381.4	130341	128518	1.67
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1718.75	-371.7	130417	128584	3.25
1719.3	-386.7	130456	128616	0.77
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1725.35	-388.2	130910	128988	0.42
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1749	-408.2	133195	130639	-3.21
1749.55	-417.2	133258	130675	-4.71
1750.1	-417	133327	130720	-4.68
1750.65	-410.2	133397	130777	-3.57
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1753.4	-420.6	133729	131007	-5.32
1753.95	-410.5	133803	131064	-3.66
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1755.6	-419.6	134014	131197	-5.18
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1756.7	-416.3	134164	131299	-4.65
1757.25	-422.1	134236	131349	-5.61
1757.8	-421.3	134313	131402	-5.48
1758.35	-421.2	134389	131455	-5.47
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1770.45	-438.3	136345	132804	-8.48
1771	-439.8	136447	132873	-8.73
1771.55	-440	136552	132955	-8.77
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1788.05	-439.3	139627	135391	-8.85
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1830.95	-430.2	147926	143679	-7.33
1831.5	-430.3	148024	143779	-7.35
1832.05	-435.5	148123	143879	-8.20
1832.6	-432.2	148228	143995	-7.66
1833.15	-429.1	148327	144101	-7.15
1833.7	-433.9	148424	144194	-7.94
1834.25	-435.2	148527	144294	-8.15
1834.8	-436.6	148633	144398	-8.38
1835.35	-436.2	148741	144510	-8.31
1835.9	-432.2	148849	144623	-7.65
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1837	-436.2	149057	144829	-8.31
1837.55	-434.9	149164	144938	-8.09
1838.1	-437.3	149270	145047	-8.49
1838.65	-433.5	149379	145164	-7.86
1839.2	-433.5	149483	145277	-7.86
1839.75	-427.7	149586	145391	-6.91
1840.3	-433.4	149682	145499	-7.84
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1842.5	-428	150072	145931	-6.96
1843.05	-427.8	150167	146032	-6.92
1843.6	-429.3	150263	146132	-7.17
1844.15	-428.5	150360	146233	-7.04
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1845.25	-431.6	150557	146431	-7.55
1845.8	-430.2	150658	146534	-7.31
1846.35	-431.5	150757	146636	-7.53
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1847.45	-432.3	150958	146843	-7.66
1848	-433	151060	146948	-7.77
1848.55	-430.9	151163	147063	-7.42
1849.1	-429.3	151263	147175	-7.16
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1850.2	-428.4	151467	147397	-7.01
1850.75	-432	151565	147502	-7.60
1851.3	-432.6	151667	147610	-7.70
1851.85	-432.3	151770	147717	-7.65
1852.4	-433	151872	147821	-7.76
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1855.15	-432.4	152389	148349	-7.66
1855.7	-430.8	152493	148463	-7.40
1856.25	-429.4	152593	148570	-7.17
1856.8	-431.1	152689	148669	-7.45
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1858.45	-433.7	152991	149000	-7.88
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1861.2	-433.8	153530	149526	-7.89
1861.75	-432.29	153636	149627	-7.64
1862.3	-434.3	153741	149722	-7.97
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1865.6	-437.2	154415	150327	-8.43
1866.15	-438.4	154527	150427	-8.63
1866.7	-442.4	154641	150527	-9.28
1867.25	-440.9	154762	150637	-9.03
1867.8	-439	154882	150747	-8.72
1868.35	-441.3	154998	150853	-9.09
1868.9	-440.3	155117	150963	-8.93
1869.45	-437.6	155235	151073	-8.48
1870	-437.9	155349	151179	-8.53
1870.55	-442.3	155464	151285	-9.25
1871.1	-436.9	155584	151397	-8.36
1871.65	-437	155697	151502	-8.38
1872.2	-438.5	155810	151604	-8.62
1872.75	-440.7	155925	151702	-8.99
1873.3	-446.4	156044	151802	-9.92
1873.85	-447.1	156174	151912	-10.03
1874.4	-444.34	156306	152033	-9.58
1874.95	-439.5	156436	152155	-8.78
1875.5	-440.6	156554	152254	-8.96
1876.05	-444.6	156674	152354	-9.61
1876.6	-438	156799	152469	-8.53
1877.15	-440.5	156915	152574	-8.94
1877.7	-439.5	157032	152677	-8.77
1878.25	-438.7	157149	152777	-8.64
1878.8	-444.1	157267	152873	-9.52
1879.35	-441.9	157392	152991	-9.16
1879.9	-436.5	157513	153113	-8.27
1880.45	-437.4	157627	153223	-8.41
1881	-439.85	157742	153333	-8.82
1881.55	-437.8	157856	153436	-8.48
1882.1	-441.2	157972	153545	-9.04

1882.65	-440.7	158092	153681	-8.95
1883.2	-441.1	158193	153794	-9.02
1883.75	-445.4	158293	153900	-9.73
1884.3	-441.4	158397	154006	-9.07
1884.85	-435.6	158497	154104	-8.11
1885.4	-434.4	158607	154223	-7.92
1885.95	-432.3	158713	154342	-7.57
1886.5	-430.6	158813	154454	-7.29
1887.05	-423.1	158911	154564	-6.06
1887.6	-425.9	159010	154682	-6.52
1888.15	-421.1	159105	154795	-5.74
1888.7	-427.9	159200	154908	-6.86
1889.25	-431.7	159298	155018	-7.49
1889.8	-428.7	159387	155111	-6.99
1890.35	-428.3	159490	155221	-6.93
1890.9	-430.5	159588	155326	-7.30
1891.45	-431	159692	155442	-7.38
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1894.75	-432.9	160323	156164	-7.70
1895.3	-432.1	160432	156293	-7.57
1895.85	-432.1	160539	156418	-7.57
1896.4	-435.7	160644	156536	-8.17
1896.95	-434.8	160756	156661	-8.02
1897.5	-435.3	160868	156780	-8.10
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1900.25	-435.5	161443	157412	-8.13
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1901.35	-428.2	161663	157660	-6.93
1901.9	-431.9	161764	157762	-7.54
1902.45	-427	161877	157884	-6.73
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1905.75	-423.49	162476	158515	-6.17
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1907.4	-427.5	162775	158801	-6.83
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1908.5	-427.8	162979	158994	-6.88
1909.05	-428	163080	159088	-6.92
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1910.15	-429.2	163289	159279	-7.12
1910.7	-438.1	163393	159369	-8.58
1911.25	-437.7	163506	159476	-8.52
1911.8	-430.9	163623	159594	-7.40
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1913.45	-442.41	163953	159893	-9.28
1914	-440.3	164074	160003	-8.93
1914.55	-443.7	164198	160118	-9.49
1915.1	-441.5	164328	160240	-9.12
1915.65	-437	164453	160366	-8.38
1916.2	-438.5	164572	160483	-8.62
1916.75	-439.3	164692	160601	-8.75
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1917.85	-436.3	164934	160848	-8.25
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1918.95	-440.39	165177	161098	-8.92
1919.5	-438.7	165297	161224	-8.64
1920.05	-433.4	165417	161348	-7.77
1920.6	-436	165530	161449	-8.19
1921.15	-439.3	165646	161556	-8.73
1921.7	-437.2	165768	161672	-8.39
1922.25	-436	165887	161783	-8.19
1922.8	-434.9	166003	161887	-8.00
1923.35	-441.48	166119	161993	-9.08
1923.9	-438.2	166245	162109	-8.54
1924.45	-435.8	166358	162212	-8.15
1925	-432.7	166474	162317	-7.63
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1926.65	-440.3	166824	162623	-8.88
1927.2	-431.2	166941	162733	-7.38
1927.75	-432.6	167050	162833	-7.61
1928.3	-432.2	167161	162937	-7.54
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1929.4	-431	167380	163153	-7.34
1929.95	-428.8	167482	163256	-6.98
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1932.7	-427.6	168015	163837	-6.79
1933.25	-423.2	168117	163957	-6.06
1933.8	-421.8	168213	164075	-5.83
1934.35	-427.4	168309	164189	-6.76
1934.9	-429.4	168413	164309	-7.09
1935.45	-425.6	168516	164427	-6.46
1936	-426.9	168616	164543	-6.68
1936.55	-435.8	168719	164655	-8.14
1937.1	-434.3	168830	164778	-7.89

1937.65	-425.6	168937	164905	-6.46
1938.2	-426.3	169038	165023	-6.58
1938.75	-425.8	169139	165138	-6.49
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1940.4	-432.7	169453	165474	-7.63
1940.95	-432.2	169565	165598	-7.54
1941.5	-426.7	169675	165728	-6.64
1942.05	-426.4	169778	165849	-6.59
1942.6	-435.2	169881	165954	-8.03
1943.15	-432.9	169996	166072	-7.65
1943.7	-434.5	170109	166186	-7.91
1944.25	-435.84	170226	166307	-8.13
1944.8	-436.91	170343	166432	-8.31
1945.35	-435.8	170457	166552	-8.12
1945.9	-436.73	170569	166671	-8.27
1946.45	-435.83	170682	166785	-8.12
1947	-436.22	170799	166903	-8.18
1947.55	-437.82	170916	167013	-8.44
1948.1	-438.58	171036	167127	-8.56
1948.65	-436	171157	167243	-8.13
1949.2	-436.9	171275	167361	-8.28
1949.75	-431.6	171395	167485	-7.40
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1950.85	-426.4	171610	167710	-6.55
1951.4	-423.3	171712	167810	-6.03
1951.95	-427	171810	167904	-6.64
1952.5	-422.6	171912	168008	-5.92
1953.05	-422.1	172009	168108	-5.84
1953.6	-427.24	172106	168201	-6.68
1954.15	-423.7	172208	168300	-6.10
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1955.25	-427.7	172415	168491	-6.76
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1959.1	-436.2	173210	169220	-8.14
1959.65	-433	173329	169334	-7.61
1960.2	-436.45	173443	169442	-8.17
1960.75	-436.5	173565	169554	-8.18
1961.3	-439.7	173685	169667	-8.70
1961.85	-437.4	173811	169787	-8.32
1962.4	-435.9	173933	169911	-8.07
1962.95	-435.4	174053	170033	-7.99
1963.5	-436.2	174171	170153	-8.12
1964.05	-434.35	174291	170275	-7.81
1964.6	-437.81	174410	170399	-8.38

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1965.7	-435.4	174643	170641	-7.98
1966.25	-431.7	174761	170762	-7.37
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1967.9	-432.2	175113	171128	-7.46
1968.45	-433.2	175228	171236	-7.62
1969	-435.2	175343	171342	-7.95
1969.55	-436.43	175461	171440	-8.15
1970.1	-440.9	175582	171538	-8.89
1970.65	-440.8	175712	171642	-8.87
1971.2	-443	175842	171747	-9.23
1971.75	-439.2	175976	171860	-8.60
1972.3	-438.8	176103	171966	-8.53
1972.85	-439.7	176229	172070	-8.68
1973.4	-440.9	176357	172184	-8.87
1973.95	-437.3	176487	172303	-8.28
1974.5	-437.3	176610	172421	-8.28
1975.05	-436.3	176728	172535	-8.11
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1978.9	-427.2	177478	173363	-6.61
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1981.1	-419.8	177899	173862	-5.40
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1982.2	-422.5	178095	174078	-5.85
1982.75	-425.4	178195	174184	-6.32
1983.3	-426.7	178298	174295	-6.54
1983.85	-427.6	178404	174409	-6.69
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1986.05	-429.8	178832	174856	-7.05
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1987.15	-435.8	179060	175082	-8.03
1987.7	-439.73	179182	175208	-8.68
1988.25	-436.6	179308	175338	-8.16
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1989.35	-439.2	179562	175615	-8.58
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1991	-441.47	179934	176025	-8.95
1991.55	-438.1	180063	176173	-8.39
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1992.65	-437.3	180309	176432	-8.26
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1993.75	-439.9	180566	176677	-8.68
1994.3	-441.94	180698	176799	-9.02
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1995.4	-438.8	180956	177027	-8.49
1995.95	-437.6	181086	177138	-8.29
1996.5	-441.9	181215	177245	-9.00
1997.05	-440.6	181351	177359	-8.79
1997.6	-437.8	181484	177478	-8.32
1998.15	-442.4	181603	177577	-9.08
1998.7	-442.3	181729	177671	-9.06
1999.25	-439.2	181868	177779	-8.55
1999.8	-443.4	182001	177883	-9.24
2000.35	-441.3	182133	177987	-8.89
2000.9	-436	182269	178096	-8.02
2001.45	-439	182408	178215	-8.51
2002	-438.4	182534	178324	-8.41
2002.55	-441	182663	178435	-8.84
2003.1	-440.4	182798	178553	-8.74
2003.65	-441	182929	178669	-8.84
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2005.85	-443.6	183461	179166	-9.26
2006.4	-443.3	183598	179297	-9.20
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2007.5	-437.9	183877	179570	-8.31
2008.05	-439.4	184009	179698	-8.55
2008.6	-438.2	184143	179824	-8.35
2009.15	-442.4	184276	179949	-9.04
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2011.35	-440.2	184831	180484	-8.66
2011.9	-438.4	184968	180625	-8.35
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2013	-433.3	185229	180901	-7.51
2013.55	-439.3	185353	181021	-8.50
2014.1	-438.8	185487	181152	-8.41
2014.65	-437.7	185622	181287	-8.22
2015.2	-438.4	185755	181423	-8.34
2015.75	-435.7	185888	181561	-7.89
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2017.95	-434.6	186398	182126	-7.69
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2235.75	-431.8	229872	226008	-6.92
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2424.95	-424.75	284989	281313	-5.71
2425.5	-430.2	285168	281520	-6.61
2426.05	-422.1	285361	281741	-5.28
2426.6	-423.7	285535	281931	-5.55
2427.15	-422.5	285713	282127	-5.35
2427.7	-425	285890	282320	-5.77
2428.25	-421.3	286070	282519	-5.17
2428.8	-421.7	286241	282708	-5.24
2429.35	-420.2	286413	282896	-5.00
2429.9	-421.8	286580	283077	-5.27
2430.45	-423.8	286750	283261	-5.61
2431	-419.5	286927	283453	-4.90
2431.55	-423.4	287094	283626	-5.56
2432.1	-422.1	287268	283809	-5.35

2432.65	-419.9	287444	283999	-4.99
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2433.75	-420	287781	284365	-5.02
2434.3	-417.2	287948	284550	-4.57
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2435.4	-419.7	288267	284901	-5.00
2435.95	-418.4	288426	285068	-4.79
2436.5	-420.5	288596	285252	-5.15
2437.05	-418.2	288767	285438	-4.77
2437.6	-419.9	288928	285612	-5.06
2438.15	-420.8	289102	285796	-5.21
2438.7	-419.5	289264	285966	-5.01
2439.25	-419.2	289432	286142	-4.97
2439.8	-419.3	289599	286322	-4.99
2440.35	-415.1	289762	286499	-4.31
2440.9	-413.6	289918	286673	-4.07
2441.45	-412.1	290067	286837	-3.83
2442	-412.1	290220	287003	-3.84
2442.55	-415	290374	287165	-4.33
2443.1	-416.4	290534	287334	-4.57
2443.65	-415.3	290698	287508	-4.40
2444.2	-418.7	290857	287670	-4.97
2444.75	-419.6	291018	287829	-5.12
2445.3	-420.7	291181	287983	-5.31
2445.85	-423.2	291358	288146	-5.73
2446.4	-427.4	291541	288323	-6.43
2446.95	-421.2	291727	288505	-5.41
2447.5	-423.1	291906	288670	-5.72
2448.05	-425.8	292090	288839	-6.17
2448.6	-429	292283	289014	-6.70
2449.15	-426.5	292485	289198	-6.29
2449.7	-427.25	292680	289373	-6.41
2450.25	-425.6	292879	289543	-6.14
2450.8	-430.7	293073	289700	-6.98
2451.35	-432.4	293281	289860	-7.27
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2452.45	-434.3	293711	290189	-7.58
2453	-431.7	293933	290365	-7.14
2453.55	-427.2	294146	290536	-6.40
2454.1	-434.1	294346	290693	-7.53
2454.65	-434.7	294568	290867	-7.63
2455.2	-437.4	294792	291050	-8.07
2455.75	-434.7	295018	291245	-7.62
2456.3	-432.3	295243	291441	-7.22
2456.85	-432.2	295454	291626	-7.20
2457.4	-429.1	295670	291829	-6.68
2457.95	-426	295876	292027	-6.17
2458.5	-418.5	296072	292225	-4.93
2459.05	-422.9	296249	292404	-5.66
2459.6	-424.16	296436	292587	-5.87

2460.15	-427.2	296630	292776	-6.37
2460.7	-430.78	296831	292972	-6.95
2461.25	-431.4	297040	293181	-7.05
2461.8	-433.4	297258	293404	-7.38
2462.35	-437.4	297480	293638	-8.03
2462.9	-433.3	297695	293869	-7.35
2463.45	-436.1	297896	294075	-7.81
2464	-434.9	298128	294309	-7.60
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2465.65	-429.4	298790	295022	-6.68
2466.2	-428.6	299001	295244	-6.54
2466.75	-427.6	299209	295458	-6.37
2467.3	-429.2	299415	295661	-6.63
2467.85	-428.9	299626	295863	-6.57
2468.4	-425.4	299836	296065	-5.99
2468.95	-424.7	300035	296257	-5.87
2469.5	-422.9	300232	296465	-5.57
2470.05	-418.9	300424	296669	-4.91
2470.6	-425.1	300609	296861	-5.93
2471.15	-427.4	300808	297067	-6.31
2471.7	-429	301015	297279	-6.57
2472.25	-432.5	301227	297497	-7.14
2472.8	-435.9	301451	297726	-7.69
2473.35	-432.1	301668	297951	-7.06
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2474.45	-431.9	302116	298428	-7.01
2475	-425.5	302339	298670	-5.94
2475.55	-427.3	302542	298877	-6.23
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2476.65	-426.7	302963	299312	-6.12
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2477.75	-421.5	303369	299732	-5.25
2478.3	-425	303562	299926	-5.82
2478.85	-418.45	303763	300126	-4.73
2479.4	-422.7	303954	300322	-5.42
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2480.5	-422.6	304329	300719	-5.39
2481.05	-421.5	304524	300930	-5.20
2481.6	-419.39	304716	301148	-4.85
2482.15	-422	304906	301368	-5.27
2482.7	-418.4	305100	301603	-4.67
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2485.45	-422.3	306014	302636	-5.28
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2487.65	-430.9	306807	303437	-6.66
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2492.6	-426.2	308805	305244	-5.76
2493.15	-423.7	309017	305431	-5.33
2493.7	-426	309223	305617	-5.70
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2495.35	-424.6	309873	306226	-5.44
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2498.1	-423.47	310931	307348	-5.19
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2501.4	-419.3	312160	308671	-4.43
2501.95	-421.3	312356	308879	-4.76
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2503.05	-417.2	312765	309331	-4.05
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2507.45	-412.6	314252	311034	-3.22
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2509.1	-410.5	314796	311659	-2.84
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2510.75	-416.7	315322	312261	-3.84
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2512.4	-406	315849	312867	-2.05
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2517.35	-415	317398	314492	-3.44
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2521.75	-421.8	319006	315938	-4.41
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2538.25	-396.9	324356	321733	0.08
2538.8	-398.8	324500	321899	-0.23
2539.35	-400.8	324648	322069	-0.56
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2541.55	-396.3	325242	322741	0.19
2542.1	-400.8	325385	322903	-0.55

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2543.2	-392.3	325668	323226	0.85
2543.75	-393.1	325802	323379	0.72
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2546.5	-393.9	326480	324114	0.57
2547.05	-393.6	326617	324261	0.61
2547.6	-394.7	326750	324403	0.43
2548.15	-396.3	326887	324550	0.16
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2549.25	-394.8	327161	324846	0.39
2549.8	-394.4	327298	324996	0.46
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2552.55	-392.1	327949	325684	0.79
2553.1	-392.6	328083	325818	0.70
2553.65	-392	328217	325957	0.80
2554.2	-392.8	328351	326098	0.66
2554.75	-388.5	328477	326232	1.36
2555.3	-388.4	328604	326363	1.36
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2556.4	-390.5	328864	326626	1.00
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2559.7	-393.2	329684	327437	0.49
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2561.9	-390	330213	327957	0.96
2562.45	-389.8	330343	328084	0.97
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2563.55	-391.2	330616	328347	0.71
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2564.65	-393.1	330890	328605	0.35
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2576.75	-372.2	333485	331552	3.23
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2587.75	-392.4	335798	333733	-0.66
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2590.5	-400.8	336591	334285	-2.17
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2621.3	-434.2	352195	348168	-7.86
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2622.95	-432.6	353090	349054	-7.59
2623.5	-431.4	353379	349338	-7.40
2624.05	-434.7	353670	349623	-7.94
2624.6	-432.3	353958	349891	-7.55

2625.15	-436	354272	350183	-8.15
2625.7	-438.6	354600	350488	-8.58
2626.25	-439.9	354935	350801	-8.79
2626.8	-441.2	355274	351121	-9.00
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2628.45	-438.3	356268	352059	-8.52
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2629.55	-439.9	356927	352661	-8.78
2630.1	-439.5	357259	352956	-8.70
2630.65	-441	357598	353249	-8.94
2631.2	-441.3	357935	353549	-8.99
2631.75	-440.2	358282	353873	-8.80
2632.3	-437.9	358614	354198	-8.41
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2633.4	-439.7	359281	354877	-8.70
2633.95	-434.5	359599	355202	-7.84
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2635.05	-434.6	360248	355853	-7.84
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2636.15	-433.8	360892	356515	-7.69
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2637.25	-435.1	361534	357207	-7.89
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2638.35	-433.4	362150	357877	-7.61
2638.9	-437.4	362473	358239	-8.26
2639.45	-430.2	362766	358564	-7.07
2640	-424.2	363060	358889	-6.07
2640.55	-430.5	363354	359215	-7.11
2641.1	-433.2	363660	359551	-7.55
2641.65	-431.1	363958	359873	-7.20
2642.2	-432.7	364264	360201	-7.46
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2643.3	-437.3	364919	360898	-8.19
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2644.4	-431.55	365526	361528	-7.23
2644.95	-433.7	365836	361848	-7.58
2645.5	-433.6	366147	362151	-7.55
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2647.15	-433.4	367085	363059	-7.50
2647.7	-431.5	367388	363360	-7.18
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2652.1	-429.3	369881	365893	-6.77

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2653.75	-425.7	370768	366837	-6.17
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2655.95	-427.4	371921	368086	-6.44
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2660.9	-436.6	374489	370832	-7.94
2661.45	-435.7	374825	371150	-7.78
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2663.1	-432.7	375809	372055	-7.26
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2683.45	-410.2	386469	383148	-3.29
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2702.15	-403.6	395965	393201	-1.31
2702.7	-403.2	396192	393456	-1.23
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2714.25	-388.2	400514	398188	1.60
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2762.1	-393.8	418106	415829	0.08

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2822.05	-417.3	471435	467645	-4.83
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2824.25	-425.7	473409	469954	-6.17
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2825.35	-430.3	474576	471094	-6.89
2825.9	-423.5	475160	471631	-5.75
2826.45	-419.6	475696	472133	-5.09
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2836.9	-411.4	484635	481510	-3.54
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2838	-410.5	485462	482392	-3.39
2838.55	-410.7	485870	482822	-3.42
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3014.55	-422.9	600096	596549	-4.99
3015.1	-424.2	600791	597241	-5.18
3015.65	-418.6	601487	598029	-4.23
3016.2	-419.3	602124	598745	-4.33
3016.75	-418.6	602788	599467	-4.19
3017.3	-418.9	603474	600200	-4.22
3017.85	-417.2	604150	600916	-3.92
3018.4	-414.8	604834	601624	-3.51
3018.95	-414.6	605507	602314	-3.47
3019.5	-413.1	606161	603008	-3.21
3020.05	-411.51	606819	603711	-2.94
3020.6	-407.9	607474	604436	-2.35
3021.15	-405.8	608079	605112	-2.01
3021.7	-404.1	608674	605778	-1.74
3022.25	-401.7	609269	606448	-1.37
3022.8	-399.9	609854	607111	-1.09
3023.35	-400.74	610425	607743	-1.26
3023.9	-401.75	610985	608353	-1.47
3024.45	-401.29	611541	608944	-1.43
3025	-401.25	612130	609565	-1.46
3025.55	-398.44	612717	610164	-1.04
3026.1	-400.05	613310	610768	-1.35
3026.65	-397.9	613878	611342	-1.04
3027.2	-399.2	614466	611936	-1.30
3027.75	-396.9	615060	612538	-0.97
3028.3	-398.5	615672	613146	-1.28
3028.85	-399.3	616273	613734	-1.46
3029.4	-401.9	616895	614336	-1.94
3029.95	-403.7	617533	614950	-2.28
3030.5	-400.4	618205	615592	-1.79
3031.05	-403.14	618904	616263	-2.29
3031.6	-403.37	619576	616925	-2.38
3032.15	-400.5	620278	617621	-1.96
3032.7	-400.1	620950	618296	-1.95
3033.25	-403.69	621644	618987	-2.59
3033.8	-402.9	622342	619672	-2.52
3034.35	-404.5	623054	620359	-2.84
3034.9	-402.9	623796	621069	-2.63
3035.45	-402.9	624562	621802	-2.69
3036	-399.6	625316	622522	-2.20
3036.55	-405.3	626073	623264	-3.19
3037.1	-412.5	626800	623964	-4.42

3037.65	-419	627597	624683	-5.54
3038.2	-428.7	628490	625437	-7.17
3038.75	-435.8	629486	626189	-8.37
3039.3	-437.8	630645	627050	-8.72
3039.85	-438.3	631964	628025	-8.80
3040.4	-434.9	633312	629161	-8.24
3040.95	-439	634676	630361	-8.90
3041.5	-439.2	635956	631617	-8.92
3042.05	-436.1	637310	632959	-8.39
3042.6	-438	638664	634283	-8.68
3043.15	-439.1	639948	635546	-8.84
3043.7	-439.3	641262	636860	-8.86
3044.25	-435.5	642589	638207	-8.21
3044.8	-432.7	643907	639568	-7.73
3045.35	-432.5	645119	640867	-7.68
3045.9	-432.7	646222	642082	-7.71
3046.45	-433.4	647328	643264	-7.82
3047	-431.2	648431	644434	-7.46
3047.55	-428.9	649522	645550	-7.07
3048.1	-431.3	650556	646609	-7.47
3048.65	-430.2	651553	647626	-7.29
3049.2	-432.9	652589	648667	-7.72
3049.75	-434.2	653588	649645	-7.92
3050.3	-432.2	654607	650641	-7.58
3050.85	-427.9	655611	651621	-6.87
3051.4	-426.9	656550	652586	-6.71
3051.95	-430.93	657420	653501	-7.38
3052.5	-431.7	658255	654373	-7.52
3053.05	-436.7	659093	655240	-8.36
3053.6	-434.6	659970	656081	-8.02
3054.15	-438.4	660865	656922	-8.64
3054.7	-436.3	661743	657701	-8.30
3055.25	-434.54	662653	658540	-8.00
3055.8	-433.5	663513	659364	-7.82
3056.35	-437.1	664289	660116	-8.42
3056.9	-440.3	665075	660886	-8.94
3057.45	-441	665887	661679	-9.05
3058	-441	666722	662495	-9.03
3058.55	-440.7	667546	663253	-8.95
3059.1	-440.5	668348	663999	-8.89
3059.65	-437.1	669129	664764	-8.31
3060.2	-430.74	669852	665504	-7.24
3060.75	-430.97	670509	666234	-7.28
3061.3	-433	671102	666914	-7.62
3061.85	-436.25	671706	667617	-8.16
3062.4	-436.81	672290	668277	-8.25
3062.95	-435.22	672908	668963	-7.99
3063.5	-433.41	673520	669588	-7.68
3064.05	-432.45	674132	670206	-7.51
3064.6	-429.74	674722	670768	-7.05

3065.15	-426.77	675293	671320	-6.54
3065.7	-423.21	675849	671879	-5.94
3066.25	-423.08	676364	672421	-5.89
3066.8	-428.19	676871	672984	-6.71
3067.35	-432.11	677330	673497	-7.34
3067.9	-429.5	677788	674009	-6.90
3068.45	-422	678267	674533	-5.65
3069	-416.2	678780	675089	-4.67
3069.55	-419.2	679269	675632	-5.15
3070.1	-424.1	679721	676129	-5.95
3070.65	-427.2	680122	676540	-6.46
3071.2	-430.7	680542	676961	-7.02
3071.75	-432.7	680987	677393	-7.34
3072.3	-430.5	681449	677848	-6.95
3072.85	-425.09	681935	678331	-6.02
3073.4	-422.6	682433	678815	-5.58
3073.95	-420.5	682912	679275	-5.20
3074.5	-421.5	683371	679706	-5.34
3075.05	-422.3	683792	680102	-5.46
3075.6	-421	684198	680512	-5.23
3076.15	-418.7	684610	680940	-4.83
3076.7	-417.9	685025	681407	-4.68
3077.25	-417.7	685431	681875	-4.62
3077.8	-417.76	685823	682342	-4.61
3078.35	-416.7	686211	682790	-4.41
3078.9	-414.8	686589	683219	-4.07
3079.45	-414.3	686965	683630	-3.97
3080	-413.05	687342	684038	-3.73
3080.55	-411.8	687708	684441	-3.50
3081.1	-411.6	688070	684839	-3.44
3081.65	-411.3	688435	685240	-3.36
3082.2	-412.3	688786	685624	-3.50
3082.75	-413.7	689136	686002	-3.70
3083.3	-411.7	689486	686376	-3.35
3083.85	-410.6	689836	686746	-3.14
3084.4	-410.2	690193	687125	-3.05
3084.95	-410.4	690540	687494	-3.05
3085.5	-407.7	690880	687853	-2.59
3086.05	-407.4	691219	688212	-2.51
3086.6	-409	691562	688576	-2.75
3087.15	-408.8	691888	688923	-2.70
3087.7	-407.7	692210	689266	-2.50
3088.25	-407.2	692539	689619	-2.39
3088.8	-405.2	692871	689979	-2.04
3089.35	-402.6	693188	690324	-1.60
3089.9	-402.4	693514	690679	-1.55
3090.45	-404.4	693830	691025	-1.86
3091	-404.2	694129	691354	-1.82
3091.55	-405.9	694439	691683	-2.08
3092.1	-405.5	694761	692024	-2.00

3092.65	-405.2	695072	692353	-1.94
3093.2	-404.6	695392	692688	-1.83
3093.75	-405.2	695713	693021	-1.92
3094.3	-404.3	696030	693345	-1.77
3094.85	-404.8	696351	693670	-1.85
3095.4	-406.1	696673	693995	-2.07
3095.95	-404.8	696992	694316	-1.86
3096.5	-403.7	697310	694635	-1.69
3097.05	-405.2	697637	694962	-1.94
3097.6	-404.8	697970	695299	-1.88
3098.15	-404.5	698299	695631	-1.84
3098.7	-404.9	698634	695965	-1.92
3099.25	-406.9	698974	696302	-2.26
3099.8	-408.6	699317	696637	-2.55
3100.35	-408.2	699665	696972	-2.49
3100.9	-409.7	700027	697318	-2.75
3101.45	-407.8	700404	697675	-2.45
3102	-406.9	700784	698034	-2.31
3102.55	-405.9	701177	698407	-2.16
3103.1	-403.4	701564	698777	-1.77
3103.65	-404.8	701952	699160	-2.02
3104.2	-406.9	702339	699545	-2.40
3104.75	-407.3	702719	699931	-2.49
3105.3	-406.3	703114	700336	-2.36
3105.85	-406.7	703529	700765	-2.45
3106.4	-408.5	703956	701196	-2.78
3106.95	-410	704384	701626	-3.05
3107.5	-410.8	704825	702043	-3.21
3108.05	-410.7	705287	702479	-3.21
3108.6	-412.1	705770	702934	-3.46
3109.15	-413.7	706270	703403	-3.75
3109.7	-413.3	706780	703878	-3.70
3110.25	-413	707312	704373	-3.67
3110.8	-412.2	707870	704894	-3.56
3111.35	-411.7	708436	705433	-3.50
3111.9	-414.7	709011	705987	-4.02
3112.45	-413.7	709591	706550	-3.88
3113	-414.5	710178	707121	-4.06
3113.55	-413.8	710806	707734	-4.00
3114.1	-413.8	711436	708347	-4.05
3114.65	-414.3	712087	708974	-4.19
3115.2	-414.53	712743	709610	-4.29
3115.75	-411.9	713410	710263	-3.90
3116.3	-412.4	714092	710937	-4.02
3116.85	-413.5	714808	711650	-4.23
3117.4	-419.2	715479	712319	-5.20
3117.95	-419.37	716162	713000	-5.26
3118.5	-421.29	716860	713681	-5.59
3119.05	-425.12	717625	714422	-6.23
3119.6	-426.6	718378	715091	-6.47

3120.15	-429.3	719147	715774	-6.92
3120.7	-430.7	720001	716531	-7.13
3121.25	-435.4	720764	717195	-7.90
3121.8	-440.9	721643	717972	-8.77
3122.35	-438.4	722534	718812	-8.32
3122.9	-431.5	723478	719734	-7.14
3123.45	-423.2	724233	720483	-5.75
3124	-419.9	724982	721229	-5.18
3124.55	-419.48	725802	722128	-5.07
3125.1	-425.9	726535	722927	-6.10
3125.65	-425.2	727213	723603	-5.96
3126.2	-425.9	727948	724350	-6.05
3126.75	-424.7	728662	725101	-5.83
3127.3	-424	729369	725816	-5.69
3127.85	-421.8	730050	726481	-5.31
3128.4	-421.4	730709	727144	-5.23
3128.95	-421.8	731331	727778	-5.28
3129.5	-419.2	731946	728404	-4.85
3130.05	-415.31	732602	729072	-4.20
3130.6	-412.9	733241	729741	-3.79
3131.15	-413.7	733803	730336	-3.93
3131.7	-413.7	734327	730899	-3.95
3132.25	-414.8	734843	731461	-4.15
3132.8	-413.7	735336	732009	-3.99
3133.35	-411.9	735855	732584	-3.72
3133.9	-413.6	736355	733140	-4.03
3134.45	-416.1	736837	733645	-4.47
3135	-416.2	737354	734176	-4.52
3135.55	-417.4	737809	734617	-4.76
3136.1	-420.9	738294	735087	-5.38
3136.65	-422.2	738799	735578	-5.62
3137.2	-425.9	739277	736027	-6.27
3137.75	-431.1	739778	736474	-7.16
3138.3	-436.5	740294	736901	-8.08
3138.85	-437.4	740867	737356	-8.24
3139.4	-437.4	741465	737828	-8.25
3139.95	-438.7	742086	738321	-8.47
3140.5	-439.4	742707	738808	-8.60
3141.05	-441.4	743325	739292	-8.95
3141.6	-440.5	743934	739790	-8.84
3142.15	-439.2	744545	740305	-8.67
3142.7	-437.4	745171	740874	-8.41
3143.25	-438.3	745782	741446	-8.56
3143.8	-438.3	746375	742023	-8.56
3144.35	-438.7	746947	742585	-8.62
3144.9	-438.78	747520	743152	-8.63
3145.45	-439.2	748091	743730	-8.69
3146	-438.7	748642	744291	-8.60
3146.55	-437.8	749203	744870	-8.44
3147.1	-437.1	749766	745449	-8.32

3147.65	-438.3	750322	746017	-8.50
3148.2	-439	750878	746581	-8.58
3148.75	-439.3	751428	747133	-8.59
3149.3	-438.5	751990	747698	-8.42
3149.85	-438.5	752561	748272	-8.37
3150.4	-438	753139	748855	-8.24
3150.95	-436.6	753716	749438	-7.97
3151.5	-435.8	754300	750030	-7.79
3152.05	-434.5	754886	750626	-7.54
3152.6	-432.8	755475	751241	-7.22
3153.15	-427.2	756060	751862	-6.25
3153.7	-422.9	756643	752508	-5.50
3154.25	-420.6	757220	753168	-5.09
3154.8	-422	757758	753812	-5.30
3155.35	-424.9	758265	754428	-5.77
3155.9	-426.8	758757	755031	-6.07
3156.45	-429	759282	755650	-6.43
3157	-433.3	759838	756298	-7.12
3157.55	-434.3	760417	756889	-7.27
3158.1	-434.8	761022	757490	-7.33
3158.65	-431.3	761692	758083	-6.72
3159.2	-425.8	762387	758707	-5.78
3159.75	-422.3	763083	759344	-5.16
3160.3	-419.8	763761	760011	-4.72
3160.85	-420.1	764399	760678	-4.76
3161.4	-422.2	765016	761380	-5.10
3161.95	-425	765628	762099	-5.56
3162.5	-429	766238	762786	-6.22
3163.05	-430.1	766880	763494	-6.40
3163.6	-427.8	767558	764153	-6.00
3164.15	-423.9	768299	764861	-5.33
3164.7	-419.2	769072	765566	-4.54
3165.25	-415	769831	766291	-3.84
3165.8	-414.6	770559	767026	-3.80
3166.35	-415.23	771249	767789	-3.93
3166.9	-417.3	771907	768556	-4.32
3167.45	-418.2	772553	769291	-4.52
3168	-415.6	773239	770061	-4.13
3168.55	-413.6	773957	770781	-3.82
3169.1	-411.4	774703	771527	-3.47
3169.65	-408.2	775442	772249	-2.96
3170.2	-406.6	776159	772976	-2.69
3170.75	-406.7	776861	773734	-2.70
3171.3	-406.6	777536	774477	-2.67
3171.85	-404.6	778201	775220	-2.34
3172.4	-403.6	778873	775951	-2.17
3172.95	-403.4	779549	776679	-2.13
3173.5	-403.6	780209	777371	-2.17
3174.05	-404.8	780863	778054	-2.37
3174.6	-404.2	781519	778729	-2.28

3175.15	-401.5	782180	779405	-1.84
3175.7	-402.7	782856	780089	-2.04
3176.25	-400.54	783528	780772	-1.70
3176.8	-400.5	784173	781429	-1.71
3177.35	-397	784830	782108	-1.15
3177.9	-396.3	785470	782776	-1.05
3178.45	-396.1	786105	783446	-1.04
3179	-393.4	786706	784084	-0.63
3179.55	-392.7	787298	784726	-0.54
3180.1	-399.8	787885	785358	-1.75
3180.65	-403.3	788442	785937	-2.37
3181.2	-404.4	789019	786513	-2.59
3181.75	-407.2	789635	787087	-3.09
3182.3	-410.7	790282	787665	-3.70
3182.85	-414	790937	788227	-4.27
3183.4	-418.6	791618	788806	-5.05
3183.95	-421.8	792331	789415	-5.61
3184.5	-423.5	793079	790042	-5.91
3185.05	-427.1	793876	790715	-6.51
3185.6	-432	794708	791405	-7.33
3186.15	-437.3	795556	792107	-8.23
3186.7	-439	796449	792844	-8.53
3187.25	-440.2	797408	793637	-8.73
3187.8	-439	798443	794495	-8.54
3188.35	-441.1	799501	795391	-8.88
3188.9	-441.42	800589	796326	-8.92
3189.45	-440.9	801662	797332	-8.82

Year AD	CH4 (ppb)	CO2 (ppm)
1	647.6	276.7
2	647.1	276.8
3	646.5	276.8
4	646.0	276.9
5	645.5	276.9
6	645.0	277.0
7	644.5	277.1
8	644.0	277.1
9	643.4	277.2
10	642.9	277.2
11	642.4	277.3
12	641.9	277.3
13	641.4	277.4
14	641.0	277.4
15	640.5	277.5
16	640.0	277.5
17	639.5	277.6
18	639.0	277.6
19	638.6	277.6
20	638.1	277.7
21	637.7	277.7
22	637.2	277.7
23	636.8	277.8
24	636.4	277.8
25	636.0	277.8
26	635.6	277.9
27	635.2	277.9
28	634.8	277.9
29	634.4	277.9
30	634.1	277.9
31	633.7	277.9
32	633.4	277.9
33	633.1	277.9
34	632.8	277.9
35	632.5	277.9
36	632.2	277.9
37	631.9	277.9
38	631.6	277.8
39	631.4	277.8
40	631.1	277.8
41	630.9	277.8
42	630.7	277.8
43	630.5	277.7
44	630.2	277.7
45	630.0	277.7
46	629.9	277.7
47	629.7	277.6
48	629.5	277.6
49	629.4	277.6

50	629.2	277.5
51	629.1	277.5
52	628.9	277.5
53	628.8	277.5
54	628.7	277.4
55	628.6	277.4
56	628.5	277.4
57	628.4	277.4
58	628.3	277.4
59	628.2	277.3
60	628.2	277.3
61	628.1	277.3
62	628.1	277.3
63	628.0	277.3
64	628.0	277.3
65	627.9	277.3
66	627.9	277.3
67	627.9	277.3
68	627.9	277.3
69	627.9	277.3
70	627.9	277.3
71	627.9	277.3
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249	628.2	281.1

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1492	680.1	281.4
1493	681.3	281.5
1494	682.5	281.6
1495	683.7	281.7
1496	684.9	281.8
1497	686.2	282.0
1498	687.5	282.1
1499	688.8	282.2

1500	690.1	282.3
1501	691.5	282.3
1502	692.8	282.4
1503	694.2	282.5
1504	695.5	282.6
1505	696.7	282.6
1506	697.9	282.7
1507	699.0	282.8
1508	699.9	282.8
1509	700.7	282.9
1510	701.3	282.9
1511	701.8	282.9
1512	702.2	283.0
1513	702.4	283.0
1514	702.6	283.0
1515	702.7	283.1
1516	702.7	283.1
1517	702.6	283.1
1518	702.4	283.1
1519	702.2	283.1
1520	702.0	283.1
1521	701.7	283.2
1522	701.4	283.2
1523	701.1	283.2
1524	700.8	283.2
1525	700.5	283.2
1526	700.2	283.2
1527	699.9	283.2
1528	699.7	283.2
1529	699.5	283.2
1530	699.3	283.2
1531	699.2	283.2
1532	699.2	283.2
1533	699.2	283.2
1534	699.3	283.2
1535	699.4	283.2
1536	699.5	283.2
1537	699.6	283.2
1538	699.8	283.2
1539	699.9	283.2
1540	700.1	283.2
1541	700.3	283.2
1542	700.5	283.2
1543	700.8	283.1
1544	701.1	283.1
1545	701.5	283.1
1546	701.9	283.0
1547	702.5	283.0
1548	703.1	282.9
1549	703.8	282.8

1550	704.6	282.7
1551	705.6	282.6
1552	706.6	282.5
1553	707.7	282.4
1554	708.7	282.3
1555	709.8	282.2
1556	710.7	282.1
1557	711.5	282.0
1558	712.0	281.9
1559	712.3	281.8
1560	712.3	281.8
1561	711.9	281.7
1562	711.2	281.7
1563	710.0	281.6
1564	708.5	281.6
1565	706.7	281.6
1566	704.6	281.6
1567	702.4	281.7
1568	700.0	281.7
1569	697.6	281.7
1570	695.1	281.8
1571	692.7	281.8
1572	690.3	281.9
1573	688.1	281.9
1574	686.1	282.0
1575	684.3	282.1
1576	682.7	282.1
1577	681.3	282.2
1578	680.1	282.2
1579	679.0	282.2
1580	678.1	282.2
1581	677.2	282.2
1582	676.4	282.1
1583	675.7	282.0
1584	675.0	281.8
1585	674.3	281.6
1586	673.5	281.4
1587	672.7	281.0
1588	671.8	280.7
1589	670.8	280.2
1590	669.7	279.7
1591	668.5	279.2
1592	667.4	278.7
1593	666.5	278.2
1594	665.7	277.8
1595	665.2	277.4
1596	664.8	276.9
1597	664.6	276.6
1598	664.6	276.2
1599	664.7	275.8

1600	665.1	275.4
1601	665.6	275.0
1602	666.3	274.7
1603	667.1	274.3
1604	668.2	273.9
1605	669.4	273.6
1606	670.7	273.2
1607	672.2	272.9
1608	673.6	272.5
1609	675.0	272.3
1610	676.3	272.0
1611	677.4	271.8
1612	678.3	271.7
1613	679.0	271.6
1614	679.5	271.6
1615	679.8	271.6
1616	679.9	271.7
1617	680.0	271.8
1618	680.0	271.9
1619	680.0	272.1
1620	680.0	272.3
1621	680.0	272.5
1622	680.0	272.7
1623	680.2	272.9
1624	680.5	273.2
1625	680.9	273.4
1626	681.4	273.7
1627	682.1	274.0
1628	682.8	274.2
1629	683.5	274.5
1630	684.2	274.7
1631	684.9	275.0
1632	685.6	275.2
1633	686.2	275.4
1634	686.6	275.6
1635	687.0	275.8
1636	687.3	276.0
1637	687.4	276.2
1638	687.4	276.3
1639	687.1	276.4
1640	686.7	276.6
1641	686.1	276.7
1642	685.3	276.8
1643	684.2	276.9
1644	683.1	277.0
1645	681.8	277.0
1646	680.5	277.1
1647	679.2	277.1
1648	677.9	277.2
1649	676.7	277.2

1650	675.7	277.2
1651	674.9	277.2
1652	674.2	277.2
1653	673.7	277.2
1654	673.4	277.2
1655	673.3	277.1
1656	673.3	277.1
1657	673.5	277.0
1658	673.7	277.0
1659	674.1	276.9
1660	674.7	276.9
1661	675.3	276.8
1662	676.0	276.8
1663	676.8	276.7
1664	677.6	276.6
1665	678.6	276.6
1666	679.5	276.5
1667	680.6	276.4
1668	681.6	276.4
1669	682.7	276.3
1670	683.8	276.2
1671	684.8	276.2
1672	685.9	276.1
1673	686.9	276.1
1674	687.9	276.0
1675	688.7	276.0
1676	689.5	276.0
1677	690.3	275.9
1678	690.8	275.9
1679	691.3	275.9
1680	691.6	275.9
1681	691.8	275.9
1682	691.8	275.9
1683	691.5	276.0
1684	691.1	276.0
1685	690.5	276.0
1686	689.8	276.1
1687	688.8	276.1
1688	687.7	276.2
1689	686.4	276.3
1690	685.0	276.3
1691	683.5	276.4
1692	681.9	276.4
1693	680.2	276.4
1694	678.5	276.5
1695	676.8	276.5
1696	675.2	276.5
1697	673.6	276.6
1698	672.0	276.6
1699	670.6	276.6

1700	669.2	276.6
1701	667.9	276.6
1702	666.7	276.6
1703	665.6	276.6
1704	664.6	276.6
1705	663.7	276.6
1706	662.9	276.6
1707	662.3	276.6
1708	661.7	276.6
1709	661.3	276.6
1710	661.0	276.6
1711	660.9	276.6
1712	660.9	276.6
1713	661.1	276.6
1714	661.4	276.7
1715	661.9	276.7
1716	662.5	276.7
1717	663.4	276.8
1718	664.4	276.8
1719	665.6	276.9
1720	667.0	277.0
1721	668.6	277.1
1722	670.4	277.2
1723	672.4	277.3
1724	674.6	277.4
1725	677.0	277.5
1726	679.6	277.6
1727	682.3	277.7
1728	685.1	277.8
1729	687.9	277.9
1730	690.6	278.0
1731	693.3	278.1
1732	695.8	278.1
1733	698.2	278.1
1734	700.3	278.0
1735	702.2	278.0
1736	703.7	277.8
1737	704.9	277.7
1738	705.7	277.5
1739	706.3	277.4
1740	706.5	277.2
1741	706.4	277.1
1742	706.0	277.0
1743	705.3	276.9
1744	704.3	276.8
1745	703.1	276.8
1746	701.7	276.8
1747	700.2	276.8
1748	698.9	276.8
1749	697.7	276.8

1750	696.8	276.8
1751	696.4	276.8
1752	696.2	276.8
1753	696.3	276.8
1754	696.5	276.7
1755	696.8	276.7
1756	697.2	276.6
1757	697.7	276.6
1758	698.4	276.6
1759	699.1	276.5
1760	700.0	276.5
1761	701.0	276.5
1762	702.1	276.5
1763	703.3	276.5
1764	704.7	276.6
1765	706.3	276.6
1766	707.8	276.7
1767	709.5	276.9
1768	711.1	277.0
1769	712.6	277.1
1770	714.1	277.3
1771	715.4	277.4
1772	716.6	277.6
1773	717.5	277.7
1774	718.2	277.8
1775	718.6	278.0
1776	718.7	278.1
1777	718.6	278.1
1778	718.4	278.2
1779	718.2	278.2
1780	718.2	278.2
1781	718.3	278.1
1782	718.7	278.2
1783	719.1	278.3
1784	719.6	278.4
1785	719.8	278.6
1786	719.8	278.9
1787	719.6	279.1
1788	719.2	279.4
1789	718.8	279.7
1790	718.3	280.0
1791	717.9	280.3
1792	717.7	280.6
1793	717.6	280.9
1794	717.9	281.2
1795	718.4	281.4
1796	719.4	281.7
1797	720.7	281.9
1798	722.6	282.1
1799	724.6	282.4

1800	726.6	282.6
1801	728.5	282.8
1802	730.0	283.0
1803	731.3	283.2
1804	732.3	283.4
1805	733.2	283.6
1806	733.8	283.7
1807	734.4	283.9
1808	734.8	284.0
1809	735.0	284.1
1810	735.3	284.2
1811	735.4	284.2
1812	735.6	284.2
1813	735.8	284.2
1814	735.9	284.2
1815	736.2	284.1
1816	736.6	283.9
1817	737.0	283.8
1818	737.6	283.6
1819	738.4	283.5
1820	739.5	283.3
1821	740.8	283.2
1822	742.3	283.1
1823	744.1	283.0
1824	746.0	283.0
1825	747.9	283.1
1826	749.7	283.2
1827	751.4	283.4
1828	752.7	283.6
1829	753.8	283.7
1830	754.7	283.9
1831	755.4	284.0
1832	756.0	284.0
1833	756.7	284.0
1834	757.6	284.0
1835	758.8	283.9
1836	760.1	283.9
1837	761.5	283.9
1838	762.9	283.9
1839	764.4	283.9
1840	765.9	284.0
1841	767.5	284.3
1842	769.2	284.6
1843	771.1	285.1
1844	773.0	285.5
1845	774.9	285.9
1846	776.7	286.2
1847	778.4	286.5
1848	780.2	286.6
1849	782.2	286.8

1850	783.8	286.8
1851	784.3	286.8
1852	784.0	286.8
1853	783.3	286.7
1854	782.6	286.5
1855	782.1	286.4
1856	781.9	286.2
1857	782.3	286.2
1858	783.1	286.2
1859	784.5	286.2
1860	786.2	286.1
1861	788.2	286.1
1862	790.5	286.1
1863	792.9	286.1
1864	795.5	286.1
1865	798.0	286.3
1866	800.1	286.5
1867	802.0	286.8
1868	803.8	287.1
1869	805.7	287.5
1870	807.6	287.9
1871	809.8	288.3
1872	812.1	288.8
1873	814.4	289.1
1874	816.6	289.4
1875	818.6	289.5
1876	820.3	289.5
1877	821.9	289.6
1878	823.3	289.6
1879	824.9	289.6
1880	826.5	289.8
1881	828.3	289.9
1882	830.2	290.1
1883	832.1	290.3
1884	834.0	290.6
1885	835.8	290.9
1886	837.3	291.3
1887	838.4	291.8
1888	839.4	292.2
1889	840.5	292.6
1890	841.7	293.0
1891	843.0	293.6
1892	844.5	294.1
1893	846.2	294.6
1894	848.4	295.1
1895	850.8	295.5
1896	853.2	295.9
1897	855.7	296.0
1898	858.6	296.0
1899	861.7	296.0

1900	865.0	296.1
1901	868.4	296.2
1902	872.1	296.4
1903	876.2	296.7
1904	880.6	297.0
1905	885.5	297.4
1906	890.8	297.9
1907	896.4	298.3
1908	902.3	298.7
1909	907.8	299.1
1910	912.5	299.3
1911	915.7	299.5
1912	918.1	299.8
1913	920.1	300.2
1914	922.6	300.6
1915	925.9	301.1
1916	930.4	301.6
1917	936.2	302.1
1918	942.9	302.6
1919	950.1	303.0
1920	957.3	303.4
1921	964.1	303.7
1922	970.6	303.9
1923	976.6	304.1
1924	982.2	304.4
1925	987.4	304.7
1926	992.1	305.0
1927	996.8	305.4
1928	1001.5	305.8
1929	1006.4	306.2
1930	1011.2	306.6
1931	1015.9	307.0
1932	1020.6	307.3
1933	1025.4	307.6
1934	1030.7	308.0
1935	1036.4	308.4
1936	1042.2	308.7
1937	1047.9	309.2
1938	1053.2	309.6
1939	1058.2	310.1
1940	1062.8	310.5
1941	1066.9	310.8
1942	1070.5	311.0
1943	1073.5	311.0
1944	1076.0	311.0
1945	1078.6	310.9
1946	1082.0	310.8
1947	1086.2	310.8
1948	1091.3	310.9
1949	1097.2	311.0

1950	1103.8	311.2
1951	1111.2	311.5
1952	1119.6	311.8
1953	1128.8	312.2
1954	1139.0	312.8
1955	1150.1	313.5
1956	1161.9	314.1
1957	1173.2	314.7
1958	1183.7	315.2
1959	1194.4	315.7
1960	1205.5	316.1
1961	1217.1	316.7
1962	1229.1	317.2
1963	1241.4	317.8
1964	1253.6	318.4
1965	1265.5	319.1
1966	1277.9	319.9
1967	1291.7	320.8
1968	1307.2	321.8
1969	1323.9	322.8
1970	1341.2	323.9
1971	1358.4	325.0
1972	1375.2	326.1
1973	1391.6	327.3
1974	1407.3	328.5
1975	1422.4	329.6
1976	1437.2	330.8
1977	1451.7	332.0
1978	1466.0	333.2
1979	1480.3	334.5
1980	1495.3	335.9
1981	1511.4	337.3
1982	1528.1	338.7
1983	1544.6	340.2
1984	1560.6	341.7
1985	1575.9	343.2
1986	1590.4	344.8
1987	1604.1	346.3
1988	1616.8	347.8
1989	1628.4	349.3
1990	1639.2	350.8
1991	1649.2	352.2
1992	1658.4	353.6
1993	1665.9	355.0
1994	1671.9	356.4
1995	1677.2	358.0
1996	1682.0	359.6
1997	1687.1	361.3
1998	1692.9	363.1
1999	1698.7	365.0

2000	1703.4	366.8
2001	1706.5	368.7
2002	1708.3	370.6
2003	1709.1	372.6
2004	1709.7	374.6