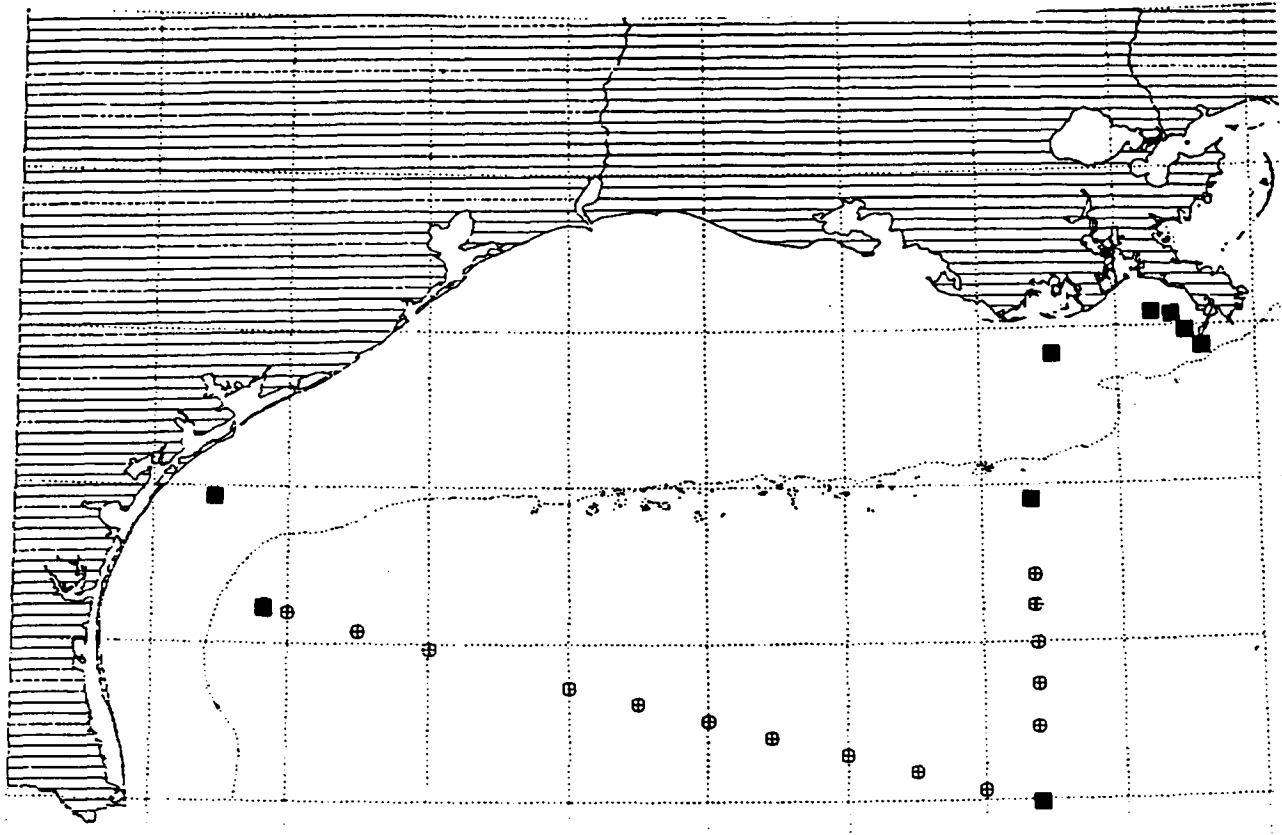


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HYDROGRAPHIC DATA FROM R/V GYRE CRUISE 94G-07



Technical Report 94-04-T of the Department of Oceanography  
of Texas A&M University, College Station, TX 77843

21 October 1994



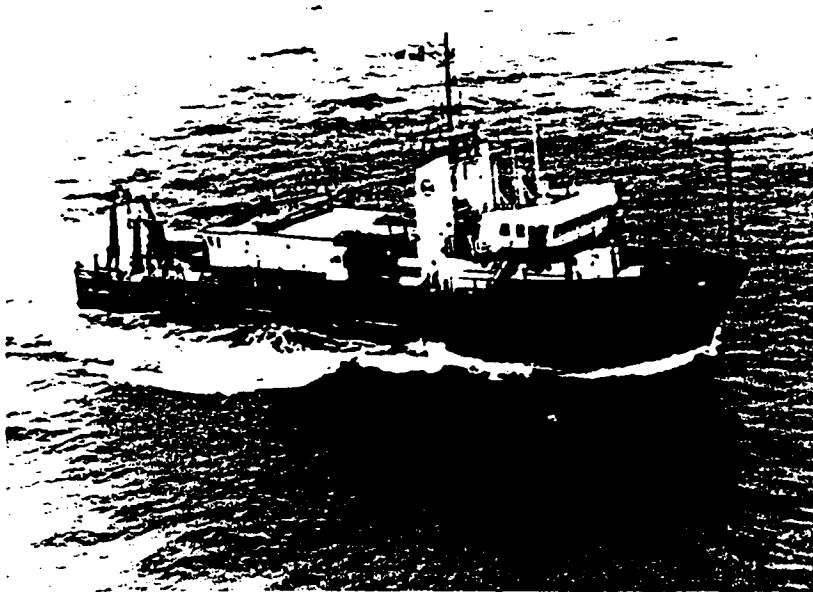
*J.W. Morse*  
J.W. Morse, Chief Scientist

*D.C. Biggs*  
D.C. Biggs, Technical Editor

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Cover: Location of CTD/rosette multisampler stations (solid squares) and XBT stations of opportunity (open circles), 10-20 August 1994. The 100 m isobath is shown as a dashed line. This map was generated by Mrs. Debz Defreitas, LATEX Shelf Data Office.

## SYNOPSIS OF CRUISE

R/V Gyre cruise 94G-07 was an NSF sponsored study of the surface chemistry and reactivity of metastable iron sulfides under anoxic marine conditions. The cruise had a primary objective of obtaining data related to the formation of sedimentary pyrite in normal marine sediments with moderate to very high accumulation rates. This was accomplished by sampling sediments at sites near the Mississippi River delta, and on the Louisiana and Texas continental shelves. Although considerable shore-based analytical work remains to be done, the at sea aspects of this research were totally successful and we anticipate a solid contribution to our understanding of the processes leading to authigenic pyrite formation.

Ancillary research that augmented and complimented the NSF-sponsored research included benthic chemical flux measurements using "chambers", benthic biology studies, and measurements of the chemistry of overlying waters. Much of this ancillary research was associated with the NOAA-NECOP program.

Hydrographic data were collected on station using CTD/rosette multisampler and underway using XBTs. On Leg One (Galveston TX to Cocodrie LA, 9-15 August), 14 CTD casts were made at 5 stations, and on Leg Two (Cocodrie back to Galveston, 15-22 August), 10 CTD casts were made at 4 stations and 15 XBTs were dropped.

## HYDROGRAPHIC STATIONS

Date	GMT	Station	Latitude	Longitude	Data to
8/10	21:11	CTD-01	28 54.3	89 23.3	15 m
8/10	23:43	CTD-01A	28 54.3	89 23.3	16 m
8/11	14:07	CTD-02	29 00.0	89 30.1	12 m
8/11	19:02	CTD-02A	29 00	89 29	12 m
8/12	13:18	CTD-03	29 06.5	89 35.7	12 m
8/12	16:20	CTD-03A	29 06.5	89 35.8	12 m
8/12	18:54	CTD-03B	29 06.5	89 35.8	12 m
8/12	23:39	CTD-03C	29 06.5	89 35.8	12 m
8/13	13:11	CTD-03D	29 06.5	89 35.8	10 m
8/13	22:24	CTD-04	29 07.1	89 44.5	19 m
8/14	13:30	CTD-04A	29 07.1	89 44.4	18 m
8/14	16:03	CTD-04B	29 07.1	89 44.4	18 m
8/15	14:06	CTD-05	28 52.2	90 27.5	15 m
8/15	17:25	CTD-05A	28 52.2	90 27.6	15 m
8/16	14:19	CTD-06	27 56.2	90 37.8	286 m
8/16	20:21	CTD-06A	27 55.8	90 37.5	336 m
8/16	23:26	XBT-01	27 26.9	90 37.2	760 m
8/17	00:26	XBT-02	27 15.6	90 37.0	760 m
8/17	01:44	XBT-03	27 00.9	90 36.8	760 m
8/17	03:14	XBT-04	26 45.6	90 36.6	(bad probe)
8/17	04:45	XBT-05	26 29.1	90 36.5	760 m
8/17	14:03	CTD-07	26 00.2	90 36.0	1003 m
8/17	22:37	CTD-07A	26 00.0	90 36.0	3000 m
8/18	02:48	CTD-07B	25 59.7	90 36.0	1201 m
8/18	12:39	XBT-06	26 05.3	90 59.9	760 m
8/18	15:43	XBT-07	26 12.6	91 29.9	(bad probe)
8/18	18:52	XBT-08	26 19.0	92 00.1	760 m
8/18	22:16	XBT-09	26 25.8	92 32.1	760 m
8/19	00:52	XBT-10	26 32.2	92 59.1	760 m
8/19	03:45	XBT-11	26 39.1	93 29.6	760 m
8/19	06:40	XBT-12	26 45.2	93 59.8	760 m
8/19	12:25	XBT-13	26 59.2	94 59.4	760 m
8/19	15:33	XBT-14	27 06.1	95 30.0	760 m
8/19	18:34	XBT-15	27 12.9	95 59.9	480 m
8/19	20:48	CTD-08	27 14.4	96 10.1	340 m
8/19	22:27	CTD-08B	27 13.8	96 08.7	343 m
8/20	13:30	CTD-08C	27 16.0	96 10.0	101 m
8/20	23:03	CTD-09	27 57.9	96 33.2	24 m
8/20	23:28	CTD-09A	27 57.9	96 33.2	23 m



WEATHER LOG — SHIP STATION

SHIP NAME		R/V GYRE		RADIO CALL SIGN		KJCL 94G-7		DATE		15 AUG			
(1) DATE	(2) TIME (GMT)	(3) POSITION	(4) PRESENT WEATHER	(5) VISI- BILITY (MI)	(6) WIND			(7) STATE OF SEA			(8) SEA WATER TEMP. DC DF	(9) AIR TEMP. DC DF	(10) PRES- SURE
					DIR. (16 DEG)	SPEED (KTS)	HEIGHT (FT)	WAVE	SWELL				
						HEIGHT (FT)	DIRECTION (16 DEG)	HEIGHT (FT)					
15	0030	28°59'N 90°09'W	CLOUDY	10	N	10	2	WEN	1		85	1013	
15	0430	28°52'N 90°27'W	CLOUDY	8	W	6	1	NW	1		84	1014	
15	0830	28°52'N 90°27'W	CLOUDY	6	WNW	7	2	NW	2		84	1013	
15	1230	28°52'N 90°27'W	CLOUDY	8	NW	7	2	NW	2		83	1012	
15	1630	28°52'N 90°27'W	OVERCAST HAZE	6	NW	2	0-1	NW	0-1		87	1014	
15	2030	28°52'N 90°27'W	OVERCAST HAZE	4	NW	4	0-1	NW	0-1		87	1010	
16	0030	28°29'N 90°32'W	OVERCAST	8	WNW	11	2	W	2		82	1011	
16	0430	27°56'N 90°37'	LT. HAZE	8	NNW	4	0-1	NW	0-1		83	1015	
16	0830	27°55'N 90°37'W	THUNDERSTORM	6	NNW	7	1-2	NW	1-2		84	1012	
16	1230	27°56'N 90°37'W	CLOUDY	6	WSW	8	2	NW	2		84	1012	
16	1630	27°56'N 90°37'W	SCAT. RAIN	6	WNW	7	1	NW	2-3		84	1017	
16	2030	27°56'N 90°37'W	LT RAIN	6	NNW	4	1	NW	2-3		82	1016	
17	0030	27°17'N 90°37'W	OVERCAST	6	WNW	8	1	NW	2		83	1014	
17	0430	26°33'N 90°36'W	SCAT. RAIN	8	N	8	1	NW	1-2		82	1018	
17	0830	26°00'N 90°36'W	PT CLOUDY	10	SSW	3	0-1	S	0-1		83	1015	
17	1230	26°00'N 90°35'W	RAIN	8	S	12	1	S	2		78	1017	
17	1630	26°00'N 90°35'W	CLEAR	10	SSW	8	1	S	2		85	1019	
17	2030	26°00'N 90°33'W	CLOUDY	8	SSW	5	1	S	2		85		
18	0030	26°00'N 90°36'W	RAIN	4	NW	6	1	S	2		78	1018	
18	0430	26°10'N 90°36'W	CLEAR	8	SE	7	1	S	1-2		82	1019	
18	0830	26°00'N 90°36'W	PT CLOUDY	10	S	6	1	S	1-2		84	1018	
18	1230	26°05'N 90°58'W	PTLY CLOY	9	SSE	9	1	S	2		84	1017	
18	1630	26°14'N 91°35'W	HAZE	8	SSE	8	1	S	2		87	1020	
18	2030	26°22'N 92°13'W	LT HAZE/PTLY CLOY	9	SSE	7	1	S	2		88	1017	
19	0030	26°31'N 92°55'W	HAZE/PTLY CLOY	9	SE	9	1	SSE	2		86	1017	
19	0430	26°41'N 93°36'W	HAZE	10	SE	9	0-1	SW	1-2		84	1018	
19	0830	26°49'N 94°17'W	PT CLOUDY	10	SSE	11	0-1	SW	1-2		84	1016	
19	1230	26°59'N 95°00'W	PTLY CLOY	10	SSE	7	1	S	2		84	1016	
19	1630	27°08'N 95°39'W	PT CLOUDY-CLEAR	10	SE	8	1	S	2		86	1017	
19	2030	27°14'N 96°10'W	PT CLOUDY	10	SE	6	1	S	2		86	1014	
20	0030	27°14'N 96°10'W	PTLY CLOY	10	SSE	9	1	S	2		85	1014	
20	0430	27°16'N 96°13'W	PT CLOUDY	10	S	10	1	S	2		85	1015	
20	0830	27°16'N 96°08'W	PT CLOUDY	10	S	9	1	S	3		84	1016	
20	1230	27°14'N 96°10'W	PTLY CLOY	8	S	10	1	S	3		84	1014	

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O.M.B. No. 41-R2734

## WEATHER LOG—SHIP STATION

SHIP NAME			RADIO CALL SIGN						DATE		(11) REMARKS (incld. etc.)		
E/V GYRE			9A-G-7						ADG-9, 1992				
(1) DATE	(2) TIME (GMT)	(3) POSITION	(4) PRESENT WEATHER	(5) VISI- BILITY (MI)	(6) WIND DIR. SPEED (16 DEG) (KTS)		(7) STATE OF SEA WAVE SWELL HEIGHT (F) DIRECTION (16 DEG) HEIGHT (F)			(8) SEA WATER TEMP. DC DF		(9) AIR TEMP. DC BT	(10) PRES- SURE
08-09	0830	29°13'N 94°11'W	CLOUDY	8	SSE	11	1-2	SE	0-1	/	85	1018	
9	1230	29°08'N 95°31'W	CLOUDY	10	SE	12	2	SE	1		83	1017	
9	1630	28°01'N, 92°46'W	CLOUDY/RAIN	6	NE	19	1	E	1		84	1020	
9	2030	28°55'N 92°05'W	CLOUDY	10	ENE	11	1	E	1		88	1019	
10	0030	28°49'N 91°24'W	CLOUDY	10	E	16	2	E	2		85	1019	
10	0430	28°46'N 90°45'W	PT. CLOUDY	8	E	19	1	E	1		83	1019	
10	0830	28°46'N 90°06'W	PT. CLOUDY	8	NE	16	2-3	E	3		84	1019	
10	1230	28°53'N 89°26'W	HAZY/CLEAR	6	NNE	11	2	E	3		82	1019	
10	1630	28°54'N, 89°23'W	HAZE	6	NNE	13	0-1	E	1		88	1019	
10	2030	28°54'N 89°23'W	PT. CLOUDY	8	NE	11	0-1	E	1		89	1019	
11	0030	28°53'N 89°25'W	CLOUDY	8	ENE	14	1	E	1		86	1019	
11	0430	29°00'N, 89°30'W	HAZE	8	E	14	0-1	E	1		84	1020	
11	0830	29°00'N, 89°30'W	HAZE/PT. CLOUDY	8	E	11	0-1	E	1		81	1018	
11	1230	29°00'N 89°30'W	HAZE & RLY CLOUDY	8	NE	15	1	ENE	0		83	1019	
11	1630	29°00'N 89°30'W	HAZE-PT. CLOUDY	8	NE	12	0-1	NE	1		88	1019	
11	2030	29°00'N 89°30'W	PT. CLOUDY/HAZE	8	NE	13	0-1	NE	1		86	1016	
12	0030	29°00'N 89°30'W	CLOUDY	8	NE	13	1	NE	1		85	1017	
12	0430	29°06'N 89°36'W	PT. CLOUDY	10	E	12	0-1	Ely	1		83	1019	
12	0830	29°06'N, 89°36'W	PT. CLOUDY	10	E	7	0-1	E	1		83	1017	
12	1230	29°06'N 89°36'W	HAZE/CLOUDY	8	ENE	9	1	Ely	1		83	1017	
12	1630	29°06'N 89°36'W	OVERCAST	8	ENE	9	0-1	Ely	1		83	1020	
12	2030	29°06'N 89°36'W	CLOUDY	10	ENE	6	0-1	Ely	1		82	1019	
13	0030	29°06'N 89°36'W	CLOUDY	8	NE	12	1	SEly	1		83	1017	
13	0430	29°06'N 89°36'W	PT. CLOUDY	10	ENE	15	0-1	ESE	1		82	1020	
13	0830	29°06'N, 89°36'W	PT. CLOUDY	10	ENE	11	0-1	NE	1		82	1018	
13	1230	29°06'N 89°36'W	CLOUDY	8	NE	13	1	SSE	2		82	1016	
13	1630	29°06'N, 89°36'W	PT. CLOUDY	8	ENE	10	0-1	ENE	1		88	1018	
13	2030	29°06'N, 89°44'W	PT. CLOUDY	10	ENE	12	1-2	ENE	2		86	1016	
14	0030	29°07'N 89°44'W	RLY CLOUDY	10	E	7	1-2	SE	2		84	1015	
14	0430	29°07'N, 89°44'W	PT. CLOUDY	10	NE	4	0-1	SE	0-1		82	1018	
14	0830	29°07'N, 89°44'W	PT. CLOUDY	10	N	5	0-1	N	0-1		82	1016	
14	1230	29°07'N 89°44'W	CLOUDY	10	NNW	6	1	N	0-1		83	1015	
14	1630	29°07'N, 89°44'W	OVERCAST	8	NNW	6	1	NNW	1		84	1016	
14	2030	29°07'N 89°44'W	PT. CLOUDY/HAZE	8	NNW	4	1	NNW	1		87	1013	

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**WEATHER LOG — SHIP STATION**

SHIP NAME		RADIO CALL SIGN							DATE			
R/V GYRE		94-G-7							20			
(1) DATE	(2) TIME (GMT)	(3) POSITION	(4) PRESENT WEATHER	(5) VISI- BILITY (MI)	(6) WIND		(7) STATE OF SEA			(8) SEA WATER TEMP. OC OF	(9) AIR TEMP. OC OF	(10) PRES- SURE
					DIR.	SPEED (16 MPH) (KTS)	WAVE	SWELL				
AVG							HEIGHT (FT)	DIRECTION (8 DEG)	HEIGHT (FT)			
20	1630	27°34'N, 96°25'W	CLEAR-LT. BREEZE	5	SSE	13	1	SSW	2-3		88	1015
20	2030	27°57'N, 96°33'W	PT. CLOUDY	8	SSE	9	1	SSW	3		88	1012
21	0030	27°58'N, 96°33'W	PTLY CLOUDY	8	SSE	9	1	SSW	3		86	1011
21	0430	27°58'N, 96°33'W	PT. CLOUDY	8	SSW	16	1-2	SSW	3		85	1013
21	0830	27°58'N, 96°33'W	PT CLOUDY	10	SSE	16	1-2	SSW	3		84	1013
21	1230	27°58'N, 96°33'W	PTLY CLOUDY	8	S	18	2	S	3		84	1011
21	1630	27°58'N, 96°33'W	PT. CLOUDY	8	SW	10	1	S	2-3		86	1015
21	2030	27°58'N, 96°33'W	PT CLOUDY	8	S	7	1	S	2-3		85	1011
22	0030	28°34'N, 95°41'W	PTLY CLOUDY	8	S	11	1	S	3		86	1011
22	0430	28°59'N, 95°04'W	CLOUDY-LT. RAIN	8	SE	14	1	ENE	1		83	1015

## CTD DATA

Temperature and salinity were profiled with a Seabird model SBE-911plus CTD. A SeaTech model 025D transmissometer and a Chelsea Instruments 'Aquatrakka' Mark III submersible fluorometer were attached to profile transmissivity and fluorescence.

The following pages present tables of downcast data which have been 1-m averaged.

No salinity correction was made to the raw CTD data because there was negligible offset between CTD salinity and bottle salinity.

Cruise: 94G07

Date: Aug 10 1994

Time: 21:11:05 GMT

Lat.: 28 54.299N

Lon.: 89 23.257W

Stn.: 001 ;

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
2.000	29.688	18.903	9.810	2.867	1.168
3.000	28.831	23.076	13.196	2.777	2.161
4.000	28.702	23.751	13.742	2.543	2.592
5.000	28.565	24.642	14.451	2.349	2.950
6.000	28.620	25.846	15.333	2.105	3.392
7.000	28.780	26.471	15.749	1.896	3.784
8.000	28.794	26.516	15.779	1.802	3.721
9.000	28.831	26.678	15.888	1.769	3.473
10.000	28.863	27.292	16.336	1.726	3.705
11.000	28.910	28.671	17.353	1.624	3.943
12.000	28.592	29.491	18.070	1.520	3.905
13.000	28.202	30.334	18.828	1.504	3.821
14.000	28.072	31.129	19.467	1.426	3.522
15.000	28.006	31.455	19.733	1.418	3.174

Cruise: 94G07

Date: Aug 10 1994

Time: 23:43:30 GMT

Lat.: 28 54.283N

Lon.: 89 23.258W

Stn.: 1A

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
2.000	29.492	21.459	11.779	2.926	1.405
3.000	29.491	21.309	11.667	2.928	1.415
4.000	29.434	21.839	12.080	2.922	1.508
5.000	29.127	22.841	12.926	2.878	2.243
6.000	28.711	25.508	15.051	2.558	3.442
7.000	28.821	26.556	15.800	2.178	3.638
8.000	28.832	27.105	16.206	1.866	3.907
9.000	29.017	28.501	17.191	1.676	4.077
10.000	28.989	29.027	17.594	1.580	4.192
11.000	28.718	29.594	18.107	1.512	4.044
12.000	28.332	30.591	18.979	1.482	3.882
13.000	28.272	31.169	19.432	1.440	3.803
14.000	28.130	31.338	19.605	1.429	3.236
15.000	28.137	31.248	19.535	1.412	3.127
16.000	28.150	31.285	19.559	1.420	3.357

Cruise: 94G07  
 Date: Aug 11 1994  
 Time: 14:07:31 GMT  
 Lat.: 29 00.013N  
 Lon.: 89 30.051W  
 Stn.: 002

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
-----	-----	-----	-----	-----	-----
2.000	28.517	18.755	10.072	2.239	1.872
3.000	28.514	18.750	10.069	2.230	1.877
4.000	28.929	21.299	11.839	2.217	2.940
5.000	29.170	22.951	12.994	2.113	3.616
6.000	29.144	23.486	13.402	2.076	3.720
7.000	29.149	24.597	14.230	2.046	3.881
8.000	29.233	25.392	14.796	1.944	3.919
9.000	29.208	26.844	15.889	1.859	3.937
10.000	28.705	28.160	17.037	1.654	3.735
11.000	28.401	28.916	17.701	1.479	3.828
12.000	28.111	30.329	18.854	1.363	3.976

Cruise: 94G07  
 Date: Aug 11 1994  
 Time: 19:02:10 GMT  
 Lat.: 29 00N  
 Lon.: 89 29 W  
 Stn.: 002A

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
-----	-----	-----	-----	-----	-----
2.000	29.148	15.138	7.181	2.868	0.523
3.000	28.964	15.775	7.712	2.849	0.636
4.000	28.717	17.393	8.995	2.786	1.056
5.000	28.693	19.507	10.578	2.609	2.123
6.000	29.046	23.033	13.095	2.451	3.338
7.000	29.051	23.472	13.422	2.158	3.745
8.000	29.100	24.719	14.337	1.953	3.917
9.000	29.233	26.030	15.273	1.746	4.013
10.000	29.265	26.712	15.773	1.634	4.044
11.000	28.908	27.671	16.605	1.552	3.965
12.000	28.603	28.379	17.234	1.394	4.033

Cruise: 94G07  
 Date: Aug 12 1994  
 Time: 13:17:59 GMT  
 Lat.: 29 06.487N  
 Lon.: 89 35.723W  
 Stn.: 003

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
2.000	28.835	19.695	10.673	2.377	2.685
3.000	28.902	20.440	11.207	2.380	2.998
4.000	29.094	21.072	11.618	2.312	3.356
5.000	29.145	21.497	11.919	2.241	3.515
6.000	29.197	21.906	12.206	2.162	3.723
7.000	29.144	22.090	12.361	2.093	3.769
8.000	29.086	22.171	12.439	2.067	3.761
9.000	29.081	22.222	12.480	2.084	3.769
10.000	29.020	22.817	12.943	2.074	3.440
11.000	28.759	26.297	15.627	1.927	3.507
12.000	28.691	27.909	16.854	1.778	3.671

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
2.000	28.654	17.001	8.722	2.452	1.893
3.000	28.664	17.100	8.792	2.444	1.883
4.000	28.666	17.478	9.073	2.440	2.068
5.000	28.782	18.913	10.106	2.416	2.364
6.000	28.964	20.638	11.335	2.359	3.174
7.000	29.060	21.271	11.777	2.232	3.515
8.000	29.117	21.686	12.069	2.197	3.634
9.000	29.067	21.986	12.308	2.107	3.721
10.000	28.859	24.207	14.033	1.989	3.350
11.000	28.746	27.039	16.186	1.863	3.641
12.000	28.386	28.911	17.702	1.645	3.938

Cruise: 94G07  
 Date: Aug 12 1994  
 Time: 16:20:10 GMT  
 Lat.: 29 06.514N  
 Lon.: 89 35.763W  
 Stn.: 003A

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
2.000	28.718	17.379	8.984	2.486	1.763
3.000	28.726	17.828	9.316	2.482	2.047
4.000	28.768	18.768	10.003	2.409	3.073
5.000	28.895	20.518	11.267	2.356	3.382
6.000	29.022	21.154	11.701	2.304	3.558
7.000	29.056	21.451	11.913	2.243	3.655
8.000	29.069	21.829	12.190	2.156	3.772
9.000	28.922	22.911	13.044	2.022	3.523
10.000	28.846	23.761	13.704	1.957	3.466
11.000	28.811	26.540	15.792	1.839	3.715
12.000	28.530	28.421	17.290	1.598	3.991

Cruise: 94G07  
 Date: Aug 12 1994  
 Time: 18:54:12 GMT  
 Lat.: 29 06.473N  
 Lon.: 89 35.770W  
 Stn.: 003B

Cruise: 94G07  
 Date: Aug 12 1994  
 Time: 23:38:35 GMT  
 Lat.: 29 06.494N  
 Lon.: 89 35.786W  
 Stn.: 003C

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
2.000	28.695	18.349	9.713	2.408	2.093
3.000	28.697	18.399	9.750	2.443	2.159
4.000	28.788	19.678	10.676	2.358	3.177
5.000	28.971	20.982	11.589	2.246	3.540
6.000	28.988	20.918	11.536	2.143	3.780
7.000	29.068	21.978	12.302	2.023	3.778
8.000	29.017	22.304	12.561	1.955	3.742
9.000	28.990	22.497	12.714	1.956	3.751
10.000	28.986	23.505	13.468	1.910	3.724
11.000	28.884	25.420	14.931	1.766	3.293
12.000	28.332	28.876	17.694	1.452	4.067

Cruise: 94G07  
 Date: Aug 13 1994  
 Time: 13:10:38 GMT  
 Lat.: 29 06.483N  
 Lon.: 89 35.783W  
 Stn.: 003D

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
1.000	28.886	21.218	11.792	2.148	3.566
2.000	29.130	22.114	12.383	2.083	3.773
3.000	29.136	22.124	12.388	2.007	3.796
4.000	29.152	22.202	12.442	1.980	3.814
5.000	29.137	22.332	12.543	1.931	3.856
6.000	29.129	22.565	12.720	1.880	3.870
7.000	29.100	22.995	13.050	1.856	3.870
8.000	29.009	23.904	13.758	1.863	3.828
9.000	28.777	27.423	16.463	1.782	4.045
10.000	28.681	27.865	16.824	1.450	4.130



Cruise: 94G07  
 Date: Aug 13 1994  
 Time: 22:24:15 GMT  
 Lat.: 29 07.140N  
 Lon.: 89 44.502W  
 Stn.: 004

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
1.000	29.159	19.957	10.765	2.280	2.184
2.000	29.151	19.965	10.774	2.290	2.198
3.000	29.126	19.999	10.807	2.300	2.225
4.000	29.113	20.018	10.826	2.300	2.264
5.000	29.011	20.219	11.008	2.275	2.292
6.000	28.883	20.645	11.366	2.291	2.425
7.000	28.937	21.857	12.253	2.300	3.477
8.000	29.091	23.182	13.192	2.143	3.817
9.000	29.017	24.115	13.913	2.042	3.903
10.000	28.989	25.126	14.677	1.963	3.927
11.000	28.987	26.286	15.544	1.853	4.022
12.000	28.895	27.345	16.366	1.724	4.108
13.000	28.723	28.266	17.111	1.633	4.100
14.000	28.617	28.902	17.622	1.602	4.091
15.000	28.223	30.103	18.649	1.579	4.056
16.000	27.864	30.567	19.112	1.494	3.507
17.000	27.959	30.387	18.947	1.445	3.116
18.000	27.767	30.827	19.339	1.414	3.108
19.000	27.235	32.057	20.432	1.360	2.969

Cruise: 94G07  
 Date: Aug 14 1994  
 Time: 13:30:11 GMT  
 Lat.: 29 07.113N  
 Lon.: 89 44.430W  
 Stn.: 004A

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
1.000	28.637	19.849	10.850	2.069	3.014
2.000	28.654	19.876	10.865	2.067	3.020
3.000	28.742	20.337	11.181	2.067	3.288
4.000	28.886	21.777	12.209	2.093	3.684
5.000	28.850	21.881	12.299	2.092	3.746
6.000	28.823	21.973	12.376	2.090	3.767
7.000	28.805	22.132	12.500	2.073	3.780
8.000	28.827	22.226	12.564	2.091	3.821
9.000	28.833	22.452	12.731	2.063	3.834
10.000	28.892	24.466	14.215	1.982	3.838
11.000	28.869	27.131	16.214	1.850	3.971
12.000	28.772	28.376	17.177	1.775	4.090
13.000	28.381	29.551	18.184	1.537	4.073
14.000	28.121	30.234	18.780	1.440	3.687
15.000	27.781	30.858	19.357	1.431	3.013
16.000	27.753	31.235	19.649	1.396	3.151
17.000	27.659	31.726	20.048	1.342	3.567
18.000	27.325	32.252	20.550	1.308	3.367

#: 94607

Aug 14 1994  
16:02:47 GMT  
29 07.116N  
89 44.420W  
0048

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
1.000	28.749	20.820	11.539	2.186	3.051
2.000	28.746	20.832	11.549	2.202	3.061
3.000	28.751	20.896	11.595	2.173	3.146
4.000	28.766	20.981	11.654	2.161	3.213
5.000	28.794	21.115	11.745	2.157	3.378
6.000	28.804	21.446	11.989	2.148	3.659
7.000	28.798	22.102	12.480	2.095	3.812
8.000	28.812	22.118	12.488	2.074	3.899
9.000	28.831	22.455	12.733	2.017	3.963
10.000	28.883	23.228	13.294	1.955	3.922
11.000	28.861	24.980	14.609	1.901	3.872
12.000	28.830	27.376	16.410	1.824	4.062
13.000	28.562	28.923	17.654	1.666	4.136
14.000	28.337	29.646	18.269	1.525	4.051
15.000	28.229	29.951	18.533	1.451	3.962
16.000	27.785	30.803	19.314	1.417	3.104
17.000	27.737	30.966	19.452	1.363	3.125
18.000	27.808	30.897	19.378	1.357	3.270

Cruise: 94G07  
 Date: Aug 15 1994  
 Time: 14:05:31 GMT  
 Lat.: 29 52.245N  
 Lon.: 90 27.499W  
 Stn.: 005

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
1.000	29.181	24.335	14.024	2.060	3.223
2.000	29.168	24.659	14.270	2.068	3.311
3.000	29.147	25.340	14.785	2.068	3.418
4.000	29.113	26.619	15.752	2.042	3.577
5.000	29.109	28.042	16.817	2.024	3.755
6.000	29.150	29.416	17.832	1.894	4.095
7.000	29.156	29.810	18.124	1.597	4.231
8.000	29.092	29.882	18.200	1.535	4.266
9.000	28.973	30.002	18.328	1.447	4.267
10.000	29.010	30.354	18.580	1.368	4.287
11.000	29.026	30.684	18.822	1.341	4.331
12.000	29.094	31.095	19.108	1.343	4.306
13.000	29.061	31.851	19.684	1.341	4.249
14.000	28.615	32.201	20.094	1.469	3.872
15.000	28.484	32.184	20.124	1.659	3.650

Cruise: 94G07  
 Date: Aug 15 1994  
 Time: 17:24:58 GMT  
 Lat.: 29 52.231N  
 Lon.: 90 27.550W  
 Stn.: 005A

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)	Xms(Volts)
1.000	29.470	24.511	14.061	1.723	3.446
2.000	29.250	25.670	14.998	1.776	3.505
3.000	29.171	27.329	16.264	1.836	3.678
4.000	29.243	29.253	17.679	1.897	3.969
5.000	29.257	29.656	17.976	1.732	4.183
6.000	29.228	29.811	18.101	1.582	4.221
7.000	29.148	30.014	18.279	1.503	4.242
8.000	29.113	30.247	18.466	1.473	4.277
9.000	29.097	30.448	18.622	1.442	4.323
10.000	29.108	30.511	18.665	1.413	4.319
11.000	29.104	30.591	18.726	1.413	4.307
12.000	29.031	30.962	19.028	1.417	4.291
13.000	28.929	31.478	19.449	1.496	4.162
14.000	28.729	31.820	19.771	1.592	4.019
15.000	28.634	31.973	19.917	1.711	3.947

Cruise: 94G07  
 Date: Aug 16 1994  
 Time: 14:19:02 GMT  
 Lat.: 27 56.194N  
 Lon.: 90 37.842W  
 Stn.: 006

Depth	Temp(c)	Sal	Sigma-t	Fluor
1.000	29.043	32.132	19.901	0.957
2.000	29.043	32.132	19.901	0.946
3.000	29.043	32.132	19.900	0.970
4.000	29.043	32.132	19.901	1.008
5.000	29.044	32.132	19.900	0.986
6.000	29.044	32.135	19.902	0.990
7.000	29.045	32.136	19.903	0.986
8.000	29.086	32.205	19.941	1.006
9.000	29.545	32.925	20.328	1.013
10.000	29.694	33.664	20.832	1.022
11.000	29.636	34.559	21.522	1.006
12.000	29.475	34.907	21.838	0.973
13.000	29.367	34.952	21.908	0.982
14.000	29.401	34.996	21.930	0.976
15.000	29.334	35.042	21.987	0.979
16.000	29.289	35.123	22.063	0.970
17.000	29.390	35.299	22.161	0.989
18.000	29.398	35.359	22.204	1.009
19.000	29.374	35.384	22.231	0.966
20.000	29.376	35.466	22.291	0.951
21.000	29.281	35.482	22.336	0.981
22.000	29.077	35.435	22.369	1.020
23.000	28.944	35.436	22.414	1.039
24.000	29.033	35.511	22.441	1.028
25.000	29.058	35.546	22.459	1.018
26.000	29.032	35.581	22.494	1.006
27.000	29.180	35.819	22.623	1.013
28.000	28.997	35.857	22.713	1.065
29.000	28.909	35.909	22.782	1.055
30.000	28.577	35.911	22.894	1.070
31.000	28.364	35.920	22.971	1.073
32.000	28.161	35.906	23.028	1.079
33.000	27.888	35.891	23.106	1.110
34.000	27.221	35.875	23.311	1.112
35.000	26.502	35.875	23.540	1.155
36.000	25.343	35.861	23.891	1.180
37.000	24.963	35.831	23.985	1.186
38.000	24.787	35.810	24.023	1.194
39.000	24.221	35.800	24.185	1.191
40.000	23.912	35.823	24.295	1.206
41.000	23.774	35.845	24.352	1.211
42.000	23.714	35.856	24.378	1.212
43.000	23.597	35.859	24.415	1.234
44.000	23.179	35.958	24.613	1.228
45.000	23.247	36.001	24.625	1.225
46.000	23.236	36.104	24.707	1.210

47.000	23.159	36.099	24.726	1.202
48.000	23.028	36.142	24.796	1.199
49.000	23.005	36.247	24.883	1.204
50.000	22.968	36.273	24.913	1.200
51.000	22.908	36.265	24.924	1.198
52.000	22.741	36.249	24.961	1.171
53.000	22.536	36.231	25.006	1.200
54.000	22.398	36.211	25.030	1.252
55.000	22.131	36.196	25.094	1.254
56.000	21.994	36.198	25.135	1.228
57.000	21.927	36.211	25.163	1.223
58.000	21.873	36.214	25.181	1.225
59.000	21.807	36.224	25.208	1.237
60.000	21.771	36.231	25.222	1.224
61.000	21.721	36.249	25.250	1.223
62.000	21.654	36.270	25.285	1.235
63.000	21.622	36.280	25.302	1.252
64.000	21.559	36.296	25.332	1.256
65.000	21.518	36.300	25.346	1.266
66.000	21.431	36.307	25.376	1.293
67.000	21.352	36.310	25.399	1.292
68.000	21.257	36.306	25.423	1.261
69.000	21.201	36.299	25.433	1.254
70.000	21.094	36.303	25.466	1.264
71.000	21.059	36.294	25.469	1.276
72.000	21.019	36.292	25.478	1.269
73.000	20.978	36.290	25.488	1.265
74.000	20.944	36.287	25.494	1.273
75.000	20.911	36.285	25.503	1.279
76.000	20.880	36.281	25.508	1.274
77.000	20.847	36.279	25.515	1.251
78.000	20.747	36.277	25.541	1.240
79.000	20.662	36.277	25.564	1.247
80.000	20.591	36.277	25.583	1.235
81.000	20.470	36.279	25.618	1.223
82.000	20.426	36.280	25.630	1.229
83.000	20.375	36.286	25.648	1.239
84.000	20.335	36.286	25.660	1.241
85.000	20.302	36.289	25.670	1.213
86.000	20.240	36.295	25.692	1.220
87.000	20.211	36.295	25.699	1.219
88.000	20.133	36.298	25.722	1.224
89.000	20.018	36.304	25.758	1.195
90.000	19.942	36.305	25.778	1.197
91.000	19.895	36.307	25.792	1.185
92.000	19.790	36.309	25.822	1.175
93.000	19.663	36.318	25.862	1.252
94.000	19.625	36.319	25.873	1.197
95.000	19.546	36.326	25.899	1.152
96.000	19.470	36.328	25.920	1.135
97.000	19.422	36.327	25.933	1.116
98.000	19.338	36.329	25.956	1.104
99.000	19.221	36.334	25.990	1.097
100.000	19.212	36.332	25.991	1.107
101.000	19.197	36.332	25.995	1.104

102.000	19.159	36.333	26.006	1.070	157.000	15.121	35.990	26.715	0.637
103.000	19.146	36.333	26.009	1.059	158.000	15.083	35.979	26.715	0.611
104.000	19.129	36.334	26.014	1.047	159.000	15.045	35.972	26.718	0.667
105.000	19.114	36.335	26.018	1.033	160.000	15.001	35.966	26.723	0.681
106.000	19.096	36.335	26.024	1.018	161.000	14.982	35.964	26.725	0.696
107.000	19.074	36.336	26.030	1.028	162.000	14.980	35.962	26.725	0.698
108.000	18.961	36.341	26.063	1.011	163.000	14.974	35.959	26.724	0.608
109.000	18.863	36.346	26.092	1.005	164.000	14.957	35.957	26.726	0.595
110.000	18.734	36.352	26.129	1.003	165.000	14.924	35.953	26.730	0.606
111.000	18.596	36.351	26.164	0.985	166.000	14.919	35.951	26.730	0.616
112.000	18.491	36.353	26.192	0.941	167.000	14.903	35.947	26.731	0.602
113.000	18.415	36.350	26.209	0.920	168.000	14.890	35.945	26.732	0.618
114.000	18.262	36.347	26.245	0.929	169.000	14.881	35.944	26.733	0.564
115.000	18.190	36.347	26.263	0.909	170.000	14.869	35.942	26.734	0.599
116.000	18.077	36.342	26.287	0.885	171.000	14.854	35.940	26.736	0.633
117.000	17.913	36.324	26.314	0.881	172.000	14.844	35.938	26.736	0.643
118.000	17.835	36.314	26.326	0.843	173.000	14.826	35.935	26.738	0.640
119.000	17.680	36.292	26.347	0.902	174.000	14.806	35.933	26.741	0.621
120.000	17.577	36.285	26.367	0.888	175.000	14.796	35.930	26.741	0.593
121.000	17.557	36.283	26.370	0.824	176.000	14.787	35.929	26.742	0.632
122.000	17.511	36.275	26.376	0.800	177.000	14.776	35.928	26.744	0.637
123.000	17.439	36.271	26.390	0.785	178.000	14.764	35.925	26.744	0.631
124.000	17.366	36.265	26.404	0.788	179.000	14.679	35.910	26.751	0.651
125.000	17.319	36.261	26.412	0.762	180.000	14.553	35.897	26.769	0.648
126.000	17.249	36.259	26.428	0.743	181.000	14.474	35.883	26.775	0.598
127.000	17.196	36.250	26.433	0.757	182.000	14.441	35.877	26.777	0.587
128.000	17.129	36.240	26.442	0.751	183.000	14.405	35.871	26.781	0.624
129.000	16.997	36.226	26.462	0.782	184.000	14.385	35.867	26.782	0.680
130.000	16.895	36.216	26.479	0.791	185.000	14.342	35.863	26.788	0.692
131.000	16.777	36.206	26.500	0.733	186.000	14.304	35.855	26.790	0.612
132.000	16.706	36.199	26.511	0.733	187.000	14.282	35.850	26.791	0.545
133.000	16.669	36.190	26.513	0.739	188.000	14.236	35.845	26.797	0.554
134.000	16.606	36.183	26.523	0.730	189.000	14.214	35.841	26.798	0.583
135.000	16.526	36.178	26.538	0.708	190.000	14.189	35.837	26.801	0.638
136.000	16.467	36.165	26.541	0.651	191.000	14.170	35.835	26.803	0.649
137.000	16.366	36.160	26.562	0.686	192.000	14.137	35.829	26.806	0.615
138.000	16.314	36.146	26.563	0.731	193.000	14.109	35.824	26.808	0.612
139.000	16.218	36.138	26.579	0.749	194.000	14.088	35.823	26.812	0.584
140.000	16.172	36.131	26.584	0.770	195.000	14.086	35.820	26.810	0.615
141.000	16.094	36.126	26.599	0.666	196.000	14.061	35.816	26.812	0.624
142.000	15.981	36.107	26.611	0.653	197.000	14.038	35.813	26.815	0.653
143.000	15.945	36.102	26.614	0.681	198.000	14.027	35.811	26.815	0.651
144.000	15.924	36.097	26.616	0.664	199.000	14.014	35.809	26.816	0.604
145.000	15.900	36.094	26.619	0.655	200.000	13.997	35.806	26.818	0.604
146.000	15.889	36.091	26.619	0.656	201.000	13.978	35.803	26.819	0.595
147.000	15.874	36.089	26.621	0.643	202.000	13.962	35.800	26.821	0.616
148.000	15.854	36.086	26.624	0.644	203.000	13.946	35.798	26.822	0.627
149.000	15.833	36.083	26.625	0.672	204.000	13.937	35.796	26.823	0.598
150.000	15.759	36.072	26.634	0.685	205.000	13.920	35.793	26.824	0.589
151.000	15.648	36.061	26.651	0.682	206.000	13.896	35.790	26.826	0.588
152.000	15.574	36.049	26.659	0.659	207.000	13.881	35.786	26.827	0.621
153.000	15.522	36.043	26.666	0.632	208.000	13.850	35.783	26.831	0.639
154.000	15.446	36.030	26.673	0.620	209.000	13.832	35.780	26.833	0.608
155.000	15.352	36.019	26.686	0.582	210.000	13.815	35.777	26.834	0.626
156.000	15.227	35.999	26.698	0.585	211.000	13.775	35.771	26.837	0.646

212.000	13.747	35.766	26.840	0.696	250.000	12.572	35.582	26.937	0.603
213.000	13.712	35.761	26.843	0.641	251.000	12.557	35.579	26.938	0.612
214.000	13.693	35.758	26.845	0.594	252.000	12.559	35.579	26.937	0.611
215.000	13.672	35.755	26.847	0.590	253.000	12.538	35.576	26.939	0.614
216.000	13.651	35.752	26.849	0.602	254.000	12.527	35.575	26.941	0.616
217.000	13.623	35.748	26.852	0.624	255.000	12.526	35.574	26.940	0.617
218.000	13.586	35.743	26.856	0.629	256.000	12.516	35.572	26.941	0.613
219.000	13.541	35.735	26.859	0.630	257.000	12.510	35.571	26.941	0.605
220.000	13.510	35.728	26.860	0.643	258.000	12.503	35.569	26.941	0.616
221.000	13.379	35.710	26.873	0.640	259.000	12.483	35.566	26.942	0.613
222.000	13.312	35.700	26.879	0.629	260.000	12.420	35.555	26.946	0.640
223.000	13.250	35.691	26.885	0.598	261.000	12.347	35.553	26.959	0.635
224.000	13.215	35.686	26.888	0.615	262.000	12.280	35.539	26.961	0.628
225.000	13.207	35.683	26.887	0.599	263.000	12.233	35.531	26.964	0.624
226.000	13.188	35.679	26.888	0.723	264.000	12.219	35.530	26.966	0.601
227.000	13.174	35.677	26.889	0.681	265.000	12.212	35.528	26.966	0.632
228.000	13.164	35.674	26.889	0.652	266.000	12.209	35.527	26.966	0.636
229.000	13.153	35.672	26.890	0.609	267.000	12.207	35.527	26.966	0.679
230.000	13.144	35.671	26.891	0.571	268.000	12.206	35.526	26.966	0.658
231.000	13.140	35.670	26.891	0.587	269.000	12.205	35.526	26.966	0.694
232.000	13.139	35.670	26.891	0.596	270.000	12.205	35.526	26.966	0.693
233.000	13.139	35.669	26.891	0.593	271.000	12.205	35.526	26.965	0.591
234.000	13.127	35.667	26.892	0.624	272.000	12.205	35.525	26.965	0.588
235.000	13.102	35.663	26.893	0.627	273.000	12.203	35.525	26.966	0.598
236.000	13.016	35.657	26.906	0.620	274.000	12.199	35.524	26.966	0.609
237.000	12.951	35.641	26.907	0.601	275.000	12.196	35.524	26.966	0.614
238.000	12.909	35.636	26.911	0.580	276.000	12.186	35.522	26.967	0.620
239.000	12.882	35.633	26.914	0.590	277.000	12.175	35.521	26.968	0.615
240.000	12.827	35.624	26.918	0.598	278.000	12.170	35.520	26.968	0.603
241.000	12.733	35.607	26.924	0.617	279.000	12.167	35.520	26.968	0.624
242.000	12.669	35.597	26.929	0.609	280.000	12.162	35.519	26.969	0.607
243.000	12.637	35.592	26.932	0.620	281.000	12.154	35.518	26.970	0.626
244.000	12.618	35.590	26.934	0.672	282.000	12.149	35.517	26.970	0.631
245.000	12.599	35.588	26.936	0.683	283.000	12.148	35.517	26.970	0.639
246.000	12.609	35.588	26.934	0.690	284.000	12.146	35.517	26.970	0.633
247.000	12.588	35.584	26.935	0.610	285.000	12.139	35.515	26.971	0.678
248.000	12.569	35.582	26.938	0.596	286.000	12.138	35.516	26.971	0.573
249.000	12.569	35.582	26.938	0.602					

Cruise: 94G07  
 Date: Aug 16 1994  
 Time: 20:20:59 GMT  
 Lat.: 27 55.815N  
 Lon.: 90 37.502W  
 Stn.: 006A

Depth	Temp(c)	Sal	Sigma-t	Fluor
2.000	28.875	31.459	19.452	1.239
3.000	28.882	31.484	19.468	1.246
4.000	28.900	31.531	19.498	1.242
5.000	28.898	31.522	19.492	1.236
6.000	28.902	31.534	19.499	1.234
7.000	28.917	31.588	19.535	1.234
8.000	28.917	31.590	19.536	1.233
9.000	28.950	31.693	19.603	1.226
10.000	28.992	31.785	19.658	1.208
11.000	29.036	31.971	19.783	1.202
12.000	29.497	32.833	20.276	1.195
13.000	29.699	33.544	20.740	1.168
14.000	29.756	34.158	21.182	1.130
15.000	29.685	34.668	21.588	1.150
16.000	29.547	34.998	21.882	1.241
17.000	29.509	35.126	21.991	1.085
18.000	29.503	35.201	22.049	1.045
19.000	29.507	35.294	22.118	1.035
20.000	29.445	35.379	22.203	1.063
21.000	29.381	35.400	22.241	1.072
22.000	29.286	35.381	22.258	1.070
23.000	29.193	35.413	22.314	1.058
24.000	29.175	35.436	22.337	1.035
25.000	29.247	35.517	22.374	1.037
26.000	29.375	35.631	22.416	1.033
27.000	29.395	35.654	22.427	1.042
28.000	29.516	35.770	22.473	1.072
29.000	29.507	35.791	22.492	1.058
30.000	29.410	35.795	22.528	1.033
31.000	29.382	35.850	22.579	1.046
32.000	29.367	35.919	22.636	1.042
33.000	29.480	36.082	22.720	1.061
34.000	29.461	36.125	22.759	1.067
35.000	28.619	35.986	22.937	1.079
36.000	27.722	35.845	23.125	1.152
37.000	27.059	35.859	23.351	1.182
38.000	26.368	35.873	23.581	1.210
39.000	26.007	35.824	23.657	1.227
40.000	25.538	35.738	23.739	1.240
41.000	25.098	35.692	23.839	1.260
42.000	24.710	35.736	23.990	1.268
43.000	24.486	35.748	24.067	1.289
44.000	24.398	35.756	24.100	1.277
45.000	24.154	35.784	24.194	1.295
46.000	23.843	35.844	24.332	1.292
47.000	23.592	35.876	24.430	1.257

48.000	23.356	35.904	24.520	1.254
49.000	22.964	35.990	24.700	1.264
50.000	22.971	36.025	24.724	1.272
51.000	22.938	36.083	24.778	1.261
52.000	22.753	36.093	24.838	1.255
53.000	22.681	36.233	24.966	1.242
54.000	22.654	36.290	25.017	1.217
55.000	22.448	36.258	25.052	1.220
56.000	22.246	36.237	25.093	1.236
57.000	22.151	36.231	25.116	1.246
58.000	22.097	36.237	25.135	1.261
59.000	22.035	36.243	25.158	1.268
60.000	22.003	36.244	25.168	1.261
61.000	21.936	36.244	25.186	1.266
62.000	21.863	36.246	25.208	1.255
63.000	21.795	36.251	25.231	1.262
64.000	21.761	36.259	25.247	1.274
65.000	21.756	36.283	25.267	1.280
66.000	21.703	36.306	25.299	1.275
67.000	21.619	36.318	25.332	1.261
68.000	21.535	36.318	25.355	1.257
69.000	21.450	36.312	25.374	1.270
70.000	21.212	36.302	25.432	1.271
71.000	21.118	36.298	25.455	1.294
72.000	20.988	36.290	25.485	1.291
73.000	20.924	36.288	25.500	1.284
74.000	20.811	36.284	25.529	1.303
75.000	20.761	36.283	25.542	1.267
76.000	20.683	36.278	25.559	1.249
77.000	20.619	36.279	25.577	1.246
78.000	20.545	36.280	25.598	1.254
79.000	20.486	36.281	25.615	1.229
80.000	20.442	36.284	25.628	1.224
81.000	20.412	36.286	25.639	1.222
82.000	20.379	36.288	25.649	1.219
83.000	20.284	36.295	25.680	1.227
84.000	20.221	36.300	25.701	1.232
85.000	20.183	36.301	25.712	1.222
86.000	20.140	36.300	25.722	1.207
87.000	20.082	36.303	25.740	1.209
88.000	20.014	36.306	25.761	1.197
89.000	19.928	36.309	25.786	1.191
90.000	19.823	36.310	25.814	1.197
91.000	19.705	36.315	25.849	1.175
92.000	19.640	36.316	25.867	1.154
93.000	19.543	36.321	25.896	1.140
94.000	19.451	36.328	25.926	1.119
95.000	19.378	36.331	25.947	1.111
96.000	19.318	36.333	25.964	1.128
97.000	19.214	36.337	25.994	1.115
98.000	19.174	36.339	26.006	1.059
99.000	19.169	36.339	26.007	1.049
100.000	19.167	36.338	26.007	1.038
101.000	19.119	36.339	26.020	1.057
102.000	19.074	36.341	26.034	1.059

103.000	19.038	36.343	26.044	1.053	158.000	15.200	36.002	26.706	0.646
104.000	19.006	36.344	26.053	1.041	159.000	15.144	35.993	26.712	0.647
105.000	18.960	36.344	26.065	1.025	160.000	15.113	35.988	26.715	0.675
106.000	18.898	36.348	26.084	0.994	161.000	15.109	35.986	26.715	0.710
107.000	18.842	36.358	26.106	1.006	162.000	15.108	35.986	26.715	0.685
108.000	18.799	36.361	26.120	1.003	163.000	15.105	35.984	26.714	0.631
109.000	18.670	36.362	26.153	0.990	164.000	15.072	35.978	26.717	0.647
110.000	18.575	36.360	26.176	0.979	165.000	15.048	35.975	26.720	0.637
111.000	18.485	36.347	26.188	0.967	166.000	15.019	35.970	26.722	0.633
112.000	18.386	36.331	26.201	0.940	167.000	14.974	35.964	26.728	0.654
113.000	18.282	36.318	26.218	0.931	168.000	14.950	35.960	26.730	0.655
114.000	18.198	36.310	26.233	0.939	169.000	14.928	35.957	26.732	0.689
115.000	18.135	36.306	26.246	0.906	170.000	14.916	35.954	26.733	0.680
116.000	18.098	36.304	26.253	0.917	171.000	14.892	35.951	26.736	0.592
117.000	18.077	36.302	26.257	0.920	172.000	14.855	35.945	26.740	0.631
118.000	18.075	36.301	26.256	0.885	173.000	14.837	35.943	26.742	0.624
119.000	18.071	36.300	26.257	0.905	174.000	14.827	35.940	26.742	0.604
120.000	18.062	36.299	26.259	0.907	175.000	14.797	35.936	26.745	0.605
121.000	18.040	36.298	26.263	0.903	176.000	14.766	35.931	26.748	0.606
122.000	17.962	36.296	26.281	0.893	177.000	14.756	35.930	26.749	0.616
123.000	17.940	36.295	26.286	0.913	178.000	14.735	35.926	26.751	0.648
124.000	17.863	36.290	26.301	0.918	179.000	14.692	35.920	26.756	0.669
125.000	17.820	36.287	26.309	0.872	180.000	14.661	35.915	26.759	0.604
126.000	17.784	36.284	26.316	0.866	181.000	14.605	35.905	26.764	0.628
127.000	17.732	36.282	26.327	0.858	182.000	14.493	35.892	26.777	0.673
128.000	17.712	36.281	26.331	0.858	183.000	14.413	35.879	26.785	0.643
129.000	17.627	36.279	26.351	0.834	184.000	14.376	35.873	26.788	0.654
130.000	17.604	36.280	26.358	0.839	185.000	14.342	35.867	26.791	0.618
131.000	17.594	36.280	26.360	0.850	186.000	14.325	35.864	26.792	0.634
132.000	17.534	36.275	26.371	0.853	187.000	14.311	35.862	26.794	0.693
133.000	17.475	36.270	26.381	0.796	188.000	14.299	35.860	26.795	0.666
134.000	17.403	36.260	26.391	0.837	189.000	14.275	35.856	26.797	0.630
135.000	17.313	36.251	26.406	0.830	190.000	14.252	35.852	26.799	0.632
136.000	17.203	36.244	26.427	0.798	191.000	14.231	35.848	26.801	0.598
137.000	17.080	36.235	26.450	0.762	192.000	14.207	35.844	26.802	0.651
138.000	16.990	36.228	26.466	0.817	193.000	14.159	35.836	26.806	0.623
139.000	16.940	36.222	26.474	0.790	194.000	14.104	35.828	26.812	0.593
140.000	16.901	36.218	26.480	0.779	195.000	14.072	35.823	26.815	0.581
141.000	16.850	36.213	26.488	0.763	196.000	14.050	35.819	26.816	0.640
142.000	16.793	36.206	26.496	0.744	197.000	14.005	35.811	26.820	0.676
143.000	16.745	36.201	26.504	0.730	198.000	13.947	35.802	26.826	0.623
144.000	16.729	36.199	26.507	0.750	199.000	13.842	35.785	26.834	0.609
145.000	16.681	36.192	26.513	0.760	200.000	13.781	35.777	26.841	0.599
146.000	16.618	36.187	26.524	0.748	201.000	13.699	35.764	26.848	0.597
147.000	16.564	36.180	26.531	0.710	202.000	13.666	35.760	26.851	0.582
148.000	16.424	36.162	26.550	0.730	203.000	13.654	35.757	26.852	0.573
149.000	16.277	36.148	26.574	0.740	204.000	13.648	35.756	26.853	0.582
150.000	16.159	36.134	26.590	0.680	205.000	13.642	35.755	26.853	0.650
151.000	15.974	36.107	26.612	0.643	206.000	13.633	35.753	26.854	0.632
152.000	15.771	36.086	26.642	0.687	207.000	13.573	35.742	26.858	0.619
153.000	15.587	36.054	26.659	0.719	208.000	13.496	35.733	26.867	0.572
154.000	15.452	36.041	26.680	0.695	209.000	13.484	35.731	26.867	0.618
155.000	15.363	36.025	26.688	0.636	210.000	13.478	35.730	26.868	0.609
156.000	15.296	36.017	26.697	0.647	211.000	13.464	35.727	26.868	0.624
157.000	15.249	36.009	26.701	0.641	212.000	13.448	35.725	26.870	0.662



213.000	13.443	35.724	26.870	0.635	268.000	12.156	35.520	26.971	0.654
214.000	13.440	35.723	26.870	0.631	269.000	12.146	35.519	26.972	0.674
215.000	13.434	35.722	26.871	0.617	270.000	12.138	35.517	26.972	0.677
216.000	13.432	35.721	26.871	0.647	271.000	12.131	35.516	26.972	0.643
217.000	13.426	35.720	26.871	0.649	272.000	12.125	35.515	26.973	0.632
218.000	13.411	35.717	26.872	0.598	273.000	12.118	35.514	26.973	0.619
219.000	13.403	35.716	26.873	0.559	274.000	12.112	35.513	26.974	0.579
220.000	13.400	35.716	26.873	0.577	275.000	12.106	35.512	26.974	0.571
221.000	13.390	35.714	26.874	0.599	276.000	12.098	35.511	26.975	0.603
222.000	13.380	35.712	26.874	0.606	277.000	12.091	35.509	26.975	0.647
223.000	13.370	35.710	26.875	0.634	278.000	12.087	35.509	26.976	0.635
224.000	13.351	35.707	26.876	0.629	279.000	12.087	35.509	26.976	0.631
225.000	13.300	35.699	26.881	0.626	280.000	12.086	35.509	26.976	0.614
226.000	13.229	35.688	26.887	0.654	281.000	12.088	35.509	26.976	0.620
227.000	13.132	35.670	26.893	0.681	282.000	12.090	35.509	26.975	0.609
228.000	12.988	35.653	26.908	0.676	283.000	12.084	35.509	26.976	0.602
229.000	12.933	35.644	26.913	0.630	284.000	12.057	35.505	26.978	0.608
230.000	12.894	35.636	26.914	0.598	285.000	12.023	35.499	26.980	0.621
231.000	12.820	35.625	26.920	0.631	286.000	11.992	35.496	26.984	0.653
232.000	12.774	35.617	26.923	0.614	287.000	11.976	35.493	26.985	0.614
233.000	12.741	35.612	26.926	0.659	288.000	11.968	35.492	26.985	0.614
234.000	12.709	35.606	26.928	0.632	289.000	11.942	35.488	26.987	0.635
235.000	12.702	35.605	26.929	0.618	290.000	11.900	35.480	26.989	0.675
236.000	12.695	35.603	26.928	0.615	291.000	11.878	35.478	26.992	0.674
237.000	12.667	35.599	26.931	0.640	292.000	11.851	35.474	26.994	0.615
238.000	12.648	35.596	26.932	0.639	293.000	11.836	35.472	26.995	0.560
239.000	12.636	35.594	26.933	0.621	294.000	11.832	35.471	26.995	0.584
240.000	12.617	35.590	26.934	0.687	295.000	11.831	35.471	26.995	0.580
241.000	12.569	35.583	26.938	0.659	296.000	11.830	35.471	26.995	0.596
242.000	12.546	35.580	26.940	0.615	297.000	11.830	35.471	26.995	0.621
243.000	12.542	35.579	26.940	0.553	298.000	11.830	35.470	26.995	0.618
244.000	12.538	35.578	26.941	0.577	299.000	11.830	35.470	26.995	0.615
245.000	12.534	35.577	26.940	0.576	300.000	11.830	35.470	26.995	0.628
246.000	12.523	35.575	26.941	0.588	301.000	11.830	35.470	26.995	0.618
247.000	12.508	35.573	26.943	0.616	302.000	11.829	35.470	26.995	0.630
248.000	12.497	35.571	26.943	0.607	303.000	11.830	35.470	26.995	0.628
249.000	12.483	35.569	26.944	0.627	304.000	11.831	35.470	26.995	0.630
250.000	12.462	35.565	26.945	0.631	305.000	11.831	35.470	26.995	0.604
251.000	12.419	35.559	26.949	0.611	306.000	11.830	35.470	26.995	0.611
252.000	12.391	35.554	26.951	0.634	307.000	11.831	35.470	26.995	0.619
253.000	12.336	35.546	26.955	0.686	308.000	11.829	35.469	26.995	0.645
254.000	12.293	35.542	26.961	0.699	309.000	11.830	35.470	26.995	0.640
255.000	12.283	35.541	26.961	0.607	310.000	11.828	35.469	26.995	0.635
256.000	12.275	35.539	26.962	0.573	311.000	11.826	35.469	26.995	0.637
257.000	12.260	35.537	26.963	0.568	312.000	11.828	35.469	26.995	0.634
258.000	12.246	35.535	26.964	0.592	313.000	11.824	35.468	26.995	0.678
259.000	12.222	35.531	26.966	0.623	314.000	11.826	35.468	26.995	0.691
260.000	12.195	35.527	26.968	0.647	315.000	11.827	35.468	26.995	0.652
261.000	12.188	35.526	26.969	0.615	316.000	11.828	35.469	26.995	0.564
262.000	12.183	35.525	26.969	0.644	317.000	11.828	35.469	26.995	0.574
263.000	12.182	35.524	26.969	0.628	318.000	11.828	35.469	26.995	0.634
264.000	12.181	35.524	26.969	0.620	319.000	11.828	35.469	26.995	0.622
265.000	12.180	35.524	26.969	0.615	320.000	11.823	35.468	26.995	0.623
266.000	12.178	35.524	26.969	0.635	321.000	11.788	35.463	26.998	0.616
267.000	12.170	35.522	26.969	0.664	322.000	11.778	35.461	26.999	0.602

323.000	11.751	35.457	27.000	0.622	330.000	11.664	35.444	27.007	0.628
324.000	11.736	35.455	27.002	0.637	331.000	11.662	35.444	27.007	0.625
325.000	11.729	35.454	27.002	0.623	332.000	11.660	35.443	27.007	0.614
326.000	11.725	35.453	27.003	0.607	333.000	11.654	35.443	27.007	0.588
327.000	11.705	35.450	27.004	0.626	334.000	11.646	35.441	27.008	0.624
328.000	11.676	35.446	27.006	0.609	335.000	11.571	35.431	27.014	0.653
329.000	11.670	35.445	27.007	0.645	336.000	11.568	35.431	27.015	0.681

Cruise: 94G07  
 Date: Aug 17 1994  
 Time: 14:03:09 GMT  
 Lat.: 26 00.246  
 Lon.: 90 35.976  
 Stn.: 007

Depth	Temp(c)	Sal	Sigma-t	Fluor
2.000	28.896	33.835	21.226	0.857
3.000	28.893	33.829	21.224	0.846
4.000	28.895	33.834	21.226	0.850
5.000	28.894	33.833	21.226	0.893
6.000	29.031	34.024	21.324	0.917
7.000	29.560	34.979	21.862	0.867
8.000	29.791	35.476	22.158	0.843
9.000	29.812	35.591	22.237	0.820
10.000	29.825	35.677	22.297	0.872
11.000	29.750	35.773	22.395	0.864
12.000	29.708	35.835	22.455	0.819
13.000	29.638	35.898	22.527	0.809
14.000	29.572	35.944	22.584	0.789
15.000	29.495	35.986	22.641	0.826
16.000	29.491	36.033	22.678	0.821
17.000	29.449	36.035	22.694	0.794
18.000	29.187	36.027	22.776	0.795
19.000	29.185	36.124	22.850	0.795
20.000	29.277	36.256	22.918	0.827
21.000	29.413	36.348	22.942	0.839
22.000	29.378	36.380	22.977	0.823
23.000	29.298	36.367	22.995	0.836
24.000	29.150	36.379	23.053	0.856
25.000	28.910	36.362	23.122	0.866
26.000	28.771	36.360	23.167	0.880
27.000	28.530	36.348	23.238	0.871
28.000	28.184	36.333	23.341	0.883
29.000	27.675	36.286	23.473	0.887
30.000	27.215	36.251	23.595	0.902
31.000	26.495	36.210	23.795	0.936
32.000	26.040	36.201	23.931	0.934
33.000	25.715	36.205	24.036	0.912
34.000	25.603	36.208	24.073	0.920
35.000	25.415	36.196	24.122	0.933
36.000	25.243	36.192	24.172	0.941
37.000	24.907	36.205	24.285	0.959
38.000	24.775	36.205	24.325	0.991
39.000	24.621	36.208	24.374	0.996
40.000	24.467	36.210	24.422	0.984
41.000	24.297	36.218	24.479	0.995
42.000	24.165	36.220	24.521	1.010
43.000	23.930	36.228	24.597	0.991
44.000	23.774	36.236	24.649	1.001
45.000	23.697	36.237	24.672	1.003
46.000	23.490	36.258	24.749	1.002
47.000	23.349	36.296	24.819	1.020

48.000	23.290	36.303	24.842	1.023
49.000	23.172	36.308	24.881	1.034
50.000	23.029	36.314	24.927	1.034
51.000	22.979	36.319	24.945	1.039
52.000	22.972	36.318	24.947	1.067
53.000	22.968	36.318	24.947	1.080
54.000	22.965	36.317	24.948	1.083
55.000	22.914	36.314	24.961	1.066
56.000	22.768	36.317	25.005	1.070
57.000	22.692	36.317	25.027	1.075
58.000	22.611	36.320	25.052	1.087
59.000	22.570	36.320	25.065	1.086
60.000	22.471	36.318	25.091	1.087
61.000	22.315	36.321	25.138	1.086
62.000	22.139	36.323	25.189	1.091
63.000	21.965	36.321	25.237	1.104
64.000	21.868	36.322	25.265	1.127
65.000	21.820	36.324	25.280	1.145
66.000	21.757	36.322	25.296	1.158
67.000	21.655	36.319	25.322	1.180
68.000	21.591	36.320	25.341	1.180
69.000	21.517	36.320	25.362	1.184
70.000	21.422	36.318	25.387	1.187
71.000	21.302	36.313	25.416	1.189
72.000	21.138	36.302	25.453	1.193
73.000	21.008	36.306	25.492	1.211
74.000	20.944	36.307	25.510	1.218
75.000	20.829	36.316	25.548	1.224
76.000	20.732	36.322	25.579	1.247
77.000	20.721	36.321	25.582	1.285
78.000	20.693	36.322	25.590	1.298
79.000	20.622	36.324	25.611	1.303
80.000	20.547	36.328	25.634	1.326
81.000	20.522	36.331	25.643	1.338
82.000	20.460	36.332	25.661	1.340
83.000	20.317	36.331	25.698	1.358
84.000	20.204	36.334	25.731	1.384
85.000	20.174	36.341	25.744	1.390
86.000	20.097	36.343	25.767	1.376
87.000	20.017	36.345	25.789	1.358
88.000	19.952	36.343	25.805	1.355
89.000	19.869	36.344	25.827	1.338
90.000	19.789	36.348	25.852	1.315
91.000	19.646	36.365	25.902	1.282
92.000	19.631	36.372	25.912	1.274
93.000	19.625	36.376	25.917	1.246
94.000	19.624	36.380	25.920	1.225
95.000	19.612	36.410	25.946	1.207
96.000	19.551	36.476	26.013	1.195
97.000	19.521	36.478	26.022	1.189
98.000	19.484	36.479	26.032	1.180
99.000	19.442	36.479	26.043	1.164
100.000	19.363	36.476	26.062	1.156
101.000	19.229	36.475	26.096	1.155
102.000	19.114	36.473	26.124	1.145

103.000	19.049	36.471	26.139	1.117	158.000	16.370	36.175	26.573	0.686
104.000	19.015	36.471	26.148	1.104	159.000	16.362	36.174	26.574	0.652
105.000	18.991	36.469	26.153	1.093	160.000	16.345	36.172	26.576	0.646
106.000	18.922	36.461	26.165	1.085	161.000	16.295	36.164	26.582	0.647
107.000	18.840	36.458	26.183	1.087	162.000	16.253	36.159	26.588	0.712
108.000	18.806	36.456	26.190	1.064	163.000	16.238	36.156	26.589	0.695
109.000	18.784	36.453	26.194	1.054	164.000	16.196	36.147	26.592	0.634
110.000	18.730	36.450	26.205	1.046	165.000	16.099	36.135	26.605	0.679
111.000	18.674	36.444	26.215	1.032	166.000	16.059	36.131	26.611	0.699
112.000	18.576	36.438	26.235	1.034	167.000	16.052	36.129	26.612	0.687
113.000	18.523	36.434	26.246	1.022	168.000	16.032	36.125	26.613	0.658
114.000	18.454	36.430	26.260	1.018	169.000	16.000	36.121	26.618	0.659
115.000	18.422	36.426	26.265	1.009	170.000	15.978	36.118	26.621	0.636
116.000	18.375	36.420	26.273	1.026	171.000	15.962	36.116	26.622	0.624
117.000	18.311	36.415	26.285	1.014	172.000	15.933	36.111	26.625	0.605
118.000	18.270	36.410	26.291	1.001	173.000	15.906	36.107	26.628	0.634
119.000	18.201	36.404	26.304	1.000	174.000	15.860	36.099	26.633	0.692
120.000	18.156	36.400	26.312	0.975	175.000	15.803	36.091	26.640	0.717
121.000	18.130	36.397	26.316	0.950	176.000	15.740	36.082	26.647	0.661
122.000	18.107	36.392	26.319	0.934	177.000	15.688	36.075	26.654	0.675
123.000	18.017	36.384	26.335	0.940	178.000	15.639	36.067	26.659	0.625
124.000	17.972	36.380	26.343	0.929	179.000	15.597	36.060	26.663	0.609
125.000	17.942	36.376	26.348	0.939	180.000	15.575	36.057	26.666	0.644
126.000	17.892	36.370	26.355	0.911	181.000	15.538	36.050	26.669	0.646
127.000	17.846	36.366	26.364	0.879	182.000	15.459	36.040	26.679	0.649
128.000	17.822	36.363	26.367	0.892	183.000	15.351	36.025	26.691	0.636
129.000	17.812	36.361	26.368	0.890	184.000	15.304	36.019	26.697	0.649
130.000	17.795	36.358	26.370	0.896	185.000	15.264	36.012	26.701	0.608
131.000	17.788	36.357	26.371	0.887	186.000	15.219	36.004	26.705	0.589
132.000	17.781	36.355	26.371	0.899	187.000	15.154	35.995	26.712	0.594
133.000	17.703	36.344	26.382	0.927	188.000	15.118	35.990	26.717	0.604
134.000	17.610	36.337	26.399	0.892	189.000	15.090	35.984	26.718	0.616
135.000	17.537	36.331	26.413	0.873	190.000	15.057	35.978	26.721	0.599
136.000	17.500	36.326	26.418	0.869	191.000	15.008	35.970	26.726	0.589
137.000	17.447	36.319	26.425	0.847	192.000	14.957	35.964	26.732	0.570
138.000	17.374	36.309	26.436	0.833	193.000	14.930	35.959	26.734	0.606
139.000	17.259	36.296	26.453	0.823	194.000	14.887	35.951	26.738	0.608
140.000	17.212	36.290	26.461	0.829	195.000	14.841	35.945	26.744	0.550
141.000	17.174	36.283	26.465	0.828	196.000	14.776	35.934	26.749	0.542
142.000	17.097	36.275	26.477	0.847	197.000	14.675	35.923	26.763	0.577
143.000	17.044	36.269	26.485	0.815	198.000	14.645	35.919	26.766	0.602
144.000	16.997	36.262	26.491	0.790	199.000	14.629	35.916	26.767	0.581
145.000	16.958	36.258	26.497	0.782	200.000	14.622	35.913	26.767	0.614
146.000	16.918	36.253	26.503	0.750	201.000	14.603	35.909	26.768	0.629
147.000	16.877	36.246	26.507	0.738	202.000	14.569	35.903	26.770	0.625
148.000	16.794	36.235	26.519	0.758	203.000	14.543	35.898	26.772	0.650
149.000	16.753	36.230	26.524	0.733	204.000	14.509	35.892	26.775	0.632
150.000	16.708	36.224	26.531	0.738	205.000	14.482	35.889	26.778	0.568
151.000	16.674	36.220	26.535	0.702	206.000	14.461	35.884	26.780	0.563
152.000	16.634	36.212	26.539	0.713	207.000	14.452	35.883	26.780	0.572
153.000	16.587	36.206	26.545	0.726	208.000	14.438	35.881	26.782	0.591
154.000	16.528	36.197	26.552	0.726	209.000	14.418	35.877	26.784	0.590
155.000	16.453	36.188	26.563	0.703	210.000	14.417	35.877	26.784	0.602
156.000	16.399	36.181	26.571	0.728	211.000	14.417	35.878	26.784	0.564
157.000	16.381	36.178	26.573	0.715	212.000	14.417	35.877	26.784	0.568

213.000	14.402	35.874	26.784	0.644	268.000	12.749	35.619	26.931	0.618
214.000	14.373	35.869	26.787	0.673	269.000	12.729	35.616	26.933	0.624
215.000	14.354	35.867	26.789	0.659	270.000	12.720	35.614	26.934	0.639
216.000	14.337	35.864	26.791	0.637	271.000	12.705	35.612	26.934	0.650
217.000	14.319	35.861	26.792	0.606	272.000	12.692	35.610	26.935	0.630
218.000	14.291	35.857	26.795	0.663	273.000	12.672	35.606	26.937	0.587
219.000	14.279	35.855	26.796	0.646	274.000	12.647	35.602	26.939	0.553
220.000	14.224	35.845	26.801	0.625	275.000	12.602	35.596	26.942	0.576
221.000	14.169	35.839	26.808	0.617	276.000	12.562	35.591	26.947	0.595
222.000	14.138	35.833	26.809	0.590	277.000	12.531	35.585	26.948	0.605
223.000	14.105	35.828	26.812	0.592	278.000	12.491	35.581	26.952	0.600
224.000	14.086	35.824	26.813	0.632	279.000	12.464	35.577	26.955	0.577
225.000	14.046	35.816	26.816	0.619	280.000	12.452	35.574	26.955	0.555
226.000	13.989	35.808	26.822	0.566	281.000	12.424	35.569	26.957	0.594
227.000	13.972	35.806	26.824	0.554	282.000	12.396	35.565	26.959	0.625
228.000	13.970	35.805	26.824	0.586	283.000	12.393	35.565	26.960	0.625
229.000	13.966	35.804	26.823	0.634	284.000	12.376	35.562	26.961	0.624
230.000	13.949	35.800	26.824	0.629	285.000	12.370	35.561	26.961	0.624
231.000	13.891	35.791	26.829	0.625	286.000	12.357	35.558	26.962	0.618
232.000	13.853	35.786	26.834	0.628	287.000	12.290	35.548	26.967	0.589
233.000	13.843	35.784	26.834	0.580	288.000	12.252	35.543	26.970	0.571
234.000	13.836	35.783	26.835	0.600	289.000	12.210	35.537	26.974	0.580
235.000	13.827	35.782	26.836	0.648	290.000	12.188	35.534	26.976	0.563
236.000	13.790	35.775	26.838	0.660	291.000	12.174	35.532	26.977	0.600
237.000	13.739	35.769	26.845	0.608	292.000	12.136	35.525	26.979	0.595
238.000	13.700	35.763	26.848	0.586	293.000	12.105	35.521	26.982	0.619
239.000	13.660	35.757	26.852	0.616	294.000	12.073	35.517	26.985	0.626
240.000	13.627	35.750	26.853	0.626	295.000	12.056	35.514	26.986	0.641
241.000	13.558	35.743	26.862	0.602	296.000	12.042	35.512	26.986	0.642
242.000	13.524	35.738	26.865	0.610	297.000	12.031	35.510	26.988	0.642
243.000	13.488	35.732	26.868	0.617	298.000	12.027	35.509	26.987	0.638
244.000	13.457	35.728	26.872	0.598	299.000	12.020	35.507	26.987	0.642
245.000	13.433	35.725	26.874	0.592	300.000	12.004	35.504	26.988	0.670
246.000	13.407	35.721	26.876	0.617	301.000	11.979	35.500	26.990	0.651
247.000	13.390	35.719	26.878	0.665	302.000	11.942	35.493	26.992	0.600
248.000	13.378	35.716	26.879	0.628	303.000	11.876	35.485	26.998	0.588
249.000	13.323	35.707	26.883	0.557	304.000	11.824	35.479	27.003	0.600
250.000	13.290	35.702	26.886	0.609	305.000	11.769	35.472	27.008	0.602
251.000	13.252	35.696	26.889	0.631	306.000	11.740	35.467	27.010	0.622
252.000	13.196	35.687	26.894	0.617	307.000	11.723	35.464	27.011	0.636
253.000	13.118	35.677	26.901	0.619	308.000	11.708	35.462	27.012	0.632
254.000	13.083	35.671	26.904	0.615	309.000	11.673	35.457	27.015	0.650
255.000	13.063	35.668	26.906	0.629	310.000	11.658	35.455	27.016	0.624
256.000	13.028	35.663	26.909	0.632	311.000	11.654	35.454	27.016	0.620
257.000	13.006	35.659	26.911	0.647	312.000	11.628	35.449	27.017	0.600
258.000	12.982	35.655	26.912	0.686	313.000	11.606	35.446	27.019	0.594
259.000	12.969	35.653	26.913	0.678	314.000	11.595	35.444	27.019	0.613
260.000	12.945	35.649	26.915	0.658	315.000	11.575	35.441	27.021	0.644
261.000	12.883	35.640	26.921	0.603	316.000	11.549	35.437	27.022	0.613
262.000	12.853	35.635	26.923	0.568	317.000	11.533	35.435	27.024	0.573
263.000	12.829	35.633	26.926	0.599	318.000	11.508	35.431	27.026	0.562
264.000	12.823	35.632	26.926	0.613	319.000	11.483	35.427	27.028	0.533
265.000	12.821	35.631	26.926	0.658	320.000	11.461	35.424	27.029	0.580
266.000	12.804	35.628	26.927	0.624	321.000	11.445	35.421	27.030	0.622
267.000	12.782	35.624	26.928	0.608	322.000	11.407	35.416	27.032	0.591

323.000	11.382	35.413	27.035	0.603	378.000	10.235	35.249	27.114	0.538
324.000	11.357	35.409	27.037	0.619	379.000	10.223	35.247	27.115	0.519
325.000	11.331	35.405	27.038	0.604	380.000	10.171	35.240	27.118	0.597
326.000	11.302	35.401	27.041	0.629	381.000	10.149	35.238	27.121	0.583
327.000	11.281	35.398	27.042	0.636	382.000	10.137	35.236	27.121	0.616
328.000	11.263	35.396	27.044	0.648	383.000	10.125	35.234	27.121	0.623
329.000	11.251	35.394	27.044	0.641	384.000	10.116	35.233	27.122	0.631
330.000	11.229	35.390	27.046	0.632	385.000	10.111	35.231	27.122	0.600
331.000	11.210	35.388	27.048	0.664	386.000	10.095	35.229	27.123	0.593
332.000	11.201	35.386	27.048	0.683	387.000	10.077	35.227	27.125	0.615
333.000	11.188	35.384	27.049	0.675	388.000	10.059	35.224	27.125	0.612
334.000	11.171	35.381	27.049	0.599	389.000	10.018	35.217	27.127	0.576
335.000	11.158	35.379	27.050	0.597	390.000	9.975	35.210	27.129	0.597
336.000	11.127	35.375	27.053	0.560	391.000	9.916	35.204	27.134	0.615
337.000	11.105	35.373	27.055	0.583	392.000	9.908	35.202	27.134	0.632
338.000	11.100	35.372	27.055	0.597	393.000	9.906	35.201	27.134	0.637
339.000	11.090	35.370	27.056	0.613	394.000	9.905	35.201	27.133	0.643
340.000	11.079	35.368	27.056	0.650	395.000	9.905	35.202	27.134	0.610
341.000	11.068	35.366	27.057	0.612	396.000	9.898	35.202	27.135	0.617
342.000	11.055	35.365	27.058	0.611	397.000	9.894	35.201	27.136	0.591
343.000	11.014	35.358	27.060	0.603	398.000	9.889	35.201	27.136	0.599
344.000	10.973	35.353	27.064	0.600	399.000	9.879	35.200	27.137	0.625
345.000	10.951	35.350	27.066	0.590	400.000	9.868	35.198	27.138	0.645
346.000	10.938	35.348	27.066	0.597	401.000	9.853	35.197	27.139	0.668
347.000	10.922	35.345	27.067	0.615	402.000	9.838	35.194	27.140	0.649
348.000	10.901	35.342	27.068	0.630	403.000	9.814	35.192	27.142	0.641
349.000	10.866	35.338	27.071	0.647	404.000	9.802	35.191	27.144	0.595
350.000	10.834	35.334	27.074	0.673	405.000	9.796	35.190	27.144	0.612
351.000	10.808	35.329	27.075	0.690	406.000	9.784	35.189	27.145	0.656
352.000	10.761	35.323	27.079	0.665	407.000	9.771	35.187	27.146	0.653
353.000	10.733	35.320	27.081	0.611	408.000	9.765	35.186	27.146	0.584
354.000	10.712	35.316	27.082	0.599	409.000	9.726	35.179	27.147	0.562
355.000	10.691	35.313	27.084	0.570	410.000	9.685	35.175	27.151	0.565
356.000	10.684	35.311	27.083	0.595	411.000	9.664	35.173	27.153	0.542
357.000	10.664	35.308	27.084	0.609	412.000	9.659	35.173	27.153	0.578
358.000	10.645	35.306	27.087	0.633	413.000	9.653	35.172	27.153	0.593
359.000	10.624	35.303	27.088	0.648	414.000	9.644	35.171	27.154	0.559
360.000	10.603	35.299	27.088	0.604	415.000	9.634	35.169	27.155	0.571
361.000	10.587	35.296	27.088	0.624	416.000	9.604	35.167	27.158	0.584
362.000	10.568	35.293	27.090	0.632	417.000	9.584	35.164	27.159	0.555
363.000	10.551	35.291	27.091	0.622	418.000	9.568	35.162	27.160	0.592
364.000	10.513	35.286	27.094	0.602	419.000	9.547	35.158	27.161	0.618
365.000	10.488	35.283	27.096	0.615	420.000	9.521	35.156	27.163	0.645
366.000	10.474	35.280	27.096	0.643	421.000	9.504	35.152	27.163	0.656
367.000	10.433	35.273	27.098	0.637	422.000	9.476	35.148	27.164	0.642
368.000	10.413	35.271	27.100	0.637	423.000	9.438	35.144	27.168	0.648
369.000	10.402	35.269	27.100	0.631	424.000	9.425	35.142	27.168	0.622
370.000	10.364	35.261	27.101	0.599	425.000	9.413	35.140	27.169	0.601
371.000	10.326	35.255	27.103	0.630	426.000	9.392	35.136	27.169	0.614
372.000	10.296	35.251	27.105	0.646	427.000	9.351	35.131	27.172	0.612
373.000	10.294	35.255	27.108	0.675	428.000	9.335	35.129	27.173	0.612
374.000	10.285	35.255	27.110	0.655	429.000	9.334	35.128	27.173	0.603
375.000	10.262	35.253	27.112	0.646	430.000	9.325	35.126	27.172	0.582
376.000	10.259	35.252	27.112	0.620	431.000	9.311	35.123	27.173	0.579
377.000	10.256	35.251	27.112	0.611	432.000	9.286	35.119	27.173	0.619

433.000	9.251	35.117	27.177	0.603	488.000	8.439	35.025	27.235	0.580
434.000	9.240	35.114	27.177	0.628	489.000	8.435	35.024	27.235	0.630
435.000	9.233	35.112	27.177	0.625	490.000	8.434	35.024	27.235	0.633
436.000	9.214	35.109	27.177	0.617	491.000	8.427	35.023	27.235	0.543
437.000	9.191	35.106	27.179	0.632	492.000	8.408	35.021	27.236	0.560
438.000	9.158	35.102	27.181	0.626	493.000	8.386	35.019	27.238	0.571
439.000	9.124	35.097	27.182	0.659	494.000	8.359	35.016	27.240	0.599
440.000	9.093	35.094	27.185	0.637	495.000	8.335	35.014	27.243	0.621
441.000	9.087	35.093	27.185	0.650	496.000	8.329	35.013	27.243	0.621
442.000	9.090	35.094	27.186	0.631	497.000	8.325	35.012	27.243	0.600
443.000	9.097	35.096	27.186	0.637	498.000	8.312	35.011	27.244	0.587
444.000	9.115	35.101	27.187	0.619	499.000	8.301	35.010	27.244	0.618
445.000	9.117	35.101	27.187	0.573	500.000	8.285	35.009	27.246	0.632
446.000	9.079	35.098	27.191	0.503	501.000	8.275	35.008	27.247	0.634
447.000	9.051	35.095	27.193	0.458	502.000	8.265	35.007	27.248	0.640
448.000	9.007	35.090	27.196	0.546	503.000	8.247	35.005	27.249	0.574
449.000	8.975	35.086	27.198	0.594	504.000	8.213	35.001	27.251	0.614
450.000	8.941	35.081	27.199	0.587	505.000	8.202	35.000	27.252	0.625
451.000	8.929	35.079	27.200	0.641	506.000	8.192	34.999	27.253	0.618
452.000	8.924	35.079	27.200	0.627	507.000	8.187	34.999	27.253	0.579
453.000	8.909	35.076	27.201	0.604	508.000	8.167	34.997	27.254	0.585
454.000	8.894	35.075	27.202	0.620	509.000	8.153	34.996	27.256	0.606
455.000	8.881	35.075	27.205	0.642	510.000	8.146	34.993	27.255	0.666
456.000	8.876	35.074	27.204	0.669	511.000	8.130	34.992	27.257	0.670
457.000	8.870	35.073	27.205	0.664	512.000	8.115	34.991	27.258	0.643
458.000	8.866	35.072	27.205	0.685	513.000	8.102	34.989	27.258	0.624
459.000	8.860	35.071	27.205	0.681	514.000	8.097	34.988	27.259	0.629
460.000	8.843	35.069	27.206	0.688	515.000	8.083	34.987	27.260	0.666
461.000	8.820	35.067	27.208	0.621	516.000	8.077	34.987	27.260	0.656
462.000	8.807	35.065	27.208	0.628	517.000	8.064	34.985	27.261	0.650
463.000	8.798	35.064	27.209	0.607	518.000	8.048	34.985	27.263	0.670
464.000	8.769	35.060	27.211	0.638	519.000	8.040	34.985	27.264	0.609
465.000	8.743	35.058	27.213	0.620	520.000	8.031	34.983	27.265	0.599
466.000	8.722	35.055	27.214	0.596	521.000	8.017	34.981	27.265	0.633
467.000	8.698	35.052	27.216	0.626	522.000	7.994	34.979	27.267	0.583
468.000	8.681	35.051	27.217	0.618	523.000	7.968	34.977	27.269	0.525
469.000	8.673	35.049	27.217	0.602	524.000	7.957	34.975	27.269	0.548
470.000	8.666	35.048	27.217	0.591	525.000	7.930	34.972	27.271	0.578
471.000	8.661	35.049	27.219	0.586	526.000	7.916	34.972	27.273	0.520
472.000	8.656	35.050	27.221	0.590	527.000	7.904	34.970	27.273	0.576
473.000	8.649	35.049	27.221	0.597	528.000	7.874	34.967	27.275	0.646
474.000	8.641	35.049	27.222	0.569	529.000	7.847	34.965	27.278	0.627
475.000	8.632	35.048	27.223	0.610	530.000	7.828	34.964	27.280	0.605
476.000	8.622	35.047	27.224	0.590	531.000	7.813	34.963	27.281	0.616
477.000	8.616	35.047	27.224	0.590	532.000	7.807	34.962	27.281	0.617
478.000	8.610	35.045	27.224	0.570	533.000	7.775	34.960	27.285	0.602
479.000	8.590	35.043	27.225	0.576	534.000	7.746	34.957	27.286	0.610
480.000	8.577	35.042	27.227	0.552	535.000	7.712	34.958	27.292	0.622
481.000	8.568	35.041	27.228	0.572	536.000	7.707	34.955	27.290	0.609
482.000	8.557	35.040	27.228	0.593	537.000	7.675	34.953	27.293	0.594
483.000	8.549	35.037	27.227	0.554	538.000	7.655	34.951	27.295	0.619
484.000	8.523	35.036	27.230	0.533	539.000	7.647	34.950	27.295	0.632
485.000	8.502	35.033	27.231	0.554	540.000	7.633	34.950	27.297	0.608
486.000	8.484	35.030	27.232	0.569	541.000	7.624	34.949	27.298	0.594
487.000	8.465	35.027	27.233	0.552	542.000	7.613	34.948	27.298	0.622

543.000	7.598	34.946	27.299	0.626	598.000	6.965	34.911	27.362	0.590
544.000	7.577	34.944	27.301	0.607	599.000	6.958	34.912	27.363	0.549
545.000	7.565	34.944	27.302	0.591	600.000	6.954	34.911	27.364	0.566
546.000	7.541	34.942	27.304	0.578	601.000	6.952	34.911	27.364	0.537
547.000	7.509	34.940	27.307	0.553	602.000	6.953	34.911	27.363	0.558
548.000	7.499	34.938	27.308	0.581	603.000	6.952	34.910	27.363	0.565
549.000	7.488	34.938	27.309	0.598	604.000	6.951	34.911	27.364	0.576
550.000	7.483	34.937	27.309	0.612	605.000	6.951	34.911	27.364	0.582
551.000	7.478	34.937	27.309	0.594	606.000	6.948	34.910	27.364	0.597
552.000	7.470	34.936	27.310	0.579	607.000	6.947	34.910	27.364	0.597
553.000	7.463	34.935	27.310	0.584	608.000	6.934	34.909	27.364	0.549
554.000	7.447	34.934	27.312	0.583	609.000	6.919	34.908	27.366	0.556
555.000	7.437	34.933	27.313	0.618	610.000	6.911	34.908	27.367	0.564
556.000	7.425	34.933	27.314	0.632	611.000	6.896	34.907	27.368	0.544
557.000	7.421	34.933	27.314	0.625	612.000	6.890	34.907	27.369	0.558
558.000	7.418	34.932	27.315	0.612	613.000	6.877	34.908	27.372	0.538
559.000	7.417	34.933	27.315	0.601	614.000	6.869	34.908	27.373	0.559
560.000	7.415	34.934	27.316	0.572	615.000	6.859	34.907	27.373	0.566
561.000	7.414	34.934	27.316	0.575	616.000	6.834	34.907	27.377	0.589
562.000	7.412	34.934	27.317	0.593	617.000	6.813	34.906	27.379	0.558
563.000	7.412	34.932	27.316	0.637	618.000	6.793	34.906	27.382	0.566
564.000	7.396	34.933	27.318	0.631	619.000	6.792	34.906	27.382	0.558
565.000	7.396	34.934	27.319	0.616	620.000	6.789	34.905	27.382	0.619
566.000	7.397	34.935	27.320	0.594	621.000	6.776	34.905	27.383	0.618
567.000	7.397	34.936	27.320	0.564	622.000	6.772	34.906	27.384	0.624
568.000	7.394	34.935	27.320	0.520	623.000	6.772	34.905	27.384	0.619
569.000	7.392	34.935	27.320	0.556	624.000	6.771	34.905	27.384	0.635
570.000	7.389	34.936	27.322	0.567	625.000	6.771	34.904	27.383	0.632
571.000	7.385	34.936	27.323	0.585	626.000	6.765	34.905	27.385	0.626
572.000	7.379	34.936	27.323	0.604	627.000	6.757	34.904	27.385	0.635
573.000	7.375	34.935	27.323	0.660	628.000	6.746	34.904	27.387	0.597
574.000	7.357	34.934	27.325	0.654	629.000	6.736	34.903	27.387	0.562
575.000	7.345	34.933	27.326	0.645	630.000	6.712	34.904	27.391	0.566
576.000	7.312	34.931	27.329	0.638	631.000	6.708	34.904	27.392	0.583
577.000	7.292	34.930	27.331	0.631	632.000	6.708	34.903	27.391	0.591
578.000	7.271	34.928	27.333	0.601	633.000	6.708	34.902	27.390	0.629
579.000	7.250	34.927	27.334	0.608	634.000	6.705	34.903	27.391	0.591
580.000	7.232	34.925	27.336	0.594	635.000	6.682	34.902	27.394	0.576
581.000	7.213	34.924	27.337	0.617	636.000	6.668	34.902	27.395	0.572
582.000	7.190	34.922	27.339	0.639	637.000	6.653	34.902	27.398	0.578
583.000	7.174	34.922	27.342	0.647	638.000	6.643	34.900	27.398	0.549
584.000	7.164	34.922	27.343	0.628	639.000	6.616	34.899	27.400	0.545
585.000	7.156	34.921	27.343	0.596	640.000	6.608	34.900	27.402	0.497
586.000	7.136	34.919	27.345	0.577	641.000	6.602	34.899	27.402	0.539
587.000	7.107	34.918	27.348	0.571	642.000	6.583	34.899	27.404	0.544
588.000	7.092	34.919	27.350	0.591	643.000	6.574	34.897	27.404	0.510
589.000	7.083	34.918	27.351	0.568	644.000	6.549	34.897	27.407	0.535
590.000	7.079	34.918	27.351	0.584	645.000	6.542	34.896	27.408	0.559
591.000	7.063	34.917	27.353	0.569	646.000	6.539	34.896	27.408	0.579
592.000	7.046	34.916	27.355	0.574	647.000	6.535	34.895	27.408	0.557
593.000	7.036	34.915	27.355	0.578	648.000	6.524	34.895	27.410	0.559
594.000	7.006	34.912	27.357	0.580	649.000	6.513	34.895	27.411	0.590
595.000	6.982	34.911	27.360	0.616	650.000	6.511	34.896	27.412	0.635
596.000	6.972	34.912	27.362	0.614	651.000	6.516	34.894	27.410	0.577
597.000	6.968	34.912	27.362	0.589	652.000	6.505	34.895	27.412	0.547



653.000	6.497	34.895	27.413	0.545	708.000	6.042	34.889	27.468	0.492
654.000	6.489	34.895	27.414	0.550	709.000	6.034	34.890	27.470	0.501
655.000	6.489	34.893	27.413	0.556	710.000	6.024	34.890	27.471	0.518
656.000	6.464	34.894	27.416	0.547	711.000	6.021	34.890	27.471	0.574
657.000	6.458	34.894	27.417	0.552	712.000	6.011	34.890	27.473	0.597
658.000	6.456	34.894	27.417	0.554	713.000	5.998	34.891	27.476	0.611
659.000	6.440	34.892	27.418	0.530	714.000	5.993	34.891	27.476	0.622
660.000	6.409	34.892	27.423	0.550	715.000	5.991	34.891	27.476	0.618
661.000	6.399	34.891	27.423	0.560	716.000	5.988	34.891	27.476	0.563
662.000	6.390	34.891	27.424	0.544	717.000	5.986	34.891	27.477	0.572
663.000	6.379	34.893	27.427	0.532	718.000	5.982	34.891	27.478	0.572
664.000	6.366	34.893	27.429	0.515	719.000	5.977	34.891	27.478	0.560
665.000	6.356	34.893	27.430	0.561	720.000	5.976	34.891	27.478	0.494
666.000	6.352	34.893	27.431	0.539	721.000	5.969	34.892	27.480	0.527
667.000	6.349	34.893	27.431	0.566	722.000	5.964	34.892	27.480	0.556
668.000	6.347	34.893	27.431	0.570	723.000	5.960	34.892	27.481	0.553
669.000	6.343	34.893	27.432	0.532	724.000	5.946	34.893	27.483	0.532
670.000	6.336	34.893	27.433	0.535	725.000	5.939	34.893	27.484	0.533
671.000	6.332	34.893	27.434	0.537	726.000	5.938	34.893	27.484	0.536
672.000	6.331	34.893	27.434	0.477	727.000	5.938	34.892	27.484	0.502
673.000	6.327	34.893	27.434	0.466	728.000	5.929	34.892	27.485	0.534
674.000	6.322	34.893	27.434	0.545	729.000	5.921	34.892	27.486	0.544
675.000	6.313	34.892	27.435	0.596	730.000	5.918	34.892	27.487	0.562
676.000	6.307	34.892	27.436	0.590	731.000	5.918	34.892	27.486	0.558
677.000	6.298	34.892	27.437	0.584	732.000	5.913	34.893	27.487	0.558
678.000	6.294	34.892	27.437	0.551	733.000	5.910	34.893	27.488	0.570
679.000	6.286	34.892	27.439	0.578	734.000	5.906	34.893	27.489	0.578
680.000	6.271	34.891	27.440	0.568	735.000	5.903	34.893	27.489	0.588
681.000	6.264	34.892	27.441	0.605	736.000	5.903	34.893	27.489	0.574
682.000	6.260	34.891	27.441	0.601	737.000	5.897	34.894	27.490	0.561
683.000	6.251	34.890	27.442	0.609	738.000	5.892	34.894	27.491	0.547
684.000	6.237	34.891	27.444	0.610	739.000	5.887	34.894	27.492	0.558
685.000	6.230	34.891	27.445	0.590	740.000	5.890	34.893	27.491	0.552
686.000	6.224	34.891	27.446	0.563	741.000	5.878	34.894	27.493	0.536
687.000	6.207	34.891	27.448	0.572	742.000	5.872	34.894	27.493	0.546
688.000	6.194	34.891	27.450	0.529	743.000	5.864	34.893	27.494	0.595
689.000	6.183	34.891	27.451	0.485	744.000	5.852	34.894	27.496	0.527
690.000	6.169	34.891	27.453	0.527	745.000	5.844	34.894	27.497	0.535
691.000	6.161	34.890	27.454	0.571	746.000	5.837	34.894	27.498	0.519
692.000	6.152	34.890	27.455	0.563	747.000	5.820	34.895	27.501	0.575
693.000	6.141	34.890	27.456	0.532	748.000	5.808	34.895	27.503	0.578
694.000	6.132	34.891	27.458	0.587	749.000	5.800	34.895	27.503	0.547
695.000	6.123	34.891	27.459	0.599	750.000	5.789	34.895	27.505	0.611
696.000	6.120	34.890	27.459	0.602	751.000	5.780	34.895	27.506	0.598
697.000	6.117	34.890	27.459	0.596	752.000	5.773	34.895	27.507	0.618
698.000	6.112	34.891	27.461	0.598	753.000	5.767	34.895	27.508	0.574
699.000	6.111	34.891	27.461	0.572	754.000	5.762	34.895	27.509	0.551
700.000	6.109	34.890	27.461	0.551	755.000	5.755	34.895	27.510	0.540
701.000	6.104	34.890	27.461	0.595	756.000	5.746	34.896	27.511	0.571
702.000	6.096	34.890	27.462	0.594	757.000	5.741	34.896	27.512	0.589
703.000	6.080	34.890	27.464	0.548	758.000	5.732	34.896	27.513	0.577
704.000	6.071	34.890	27.465	0.553	759.000	5.722	34.896	27.514	0.569
705.000	6.067	34.890	27.466	0.571	760.000	5.716	34.896	27.515	0.564
706.000	6.064	34.890	27.466	0.552	761.000	5.710	34.896	27.516	0.590
707.000	6.057	34.889	27.466	0.533	762.000	5.706	34.897	27.517	0.581

763.000	5.704	34.897	27.517	0.576	818.000	5.464	34.903	27.552	0.567
764.000	5.700	34.897	27.517	0.537	819.000	5.458	34.904	27.553	0.528
765.000	5.695	34.896	27.518	0.516	820.000	5.452	34.904	27.554	0.558
766.000	5.685	34.897	27.520	0.608	821.000	5.448	34.904	27.555	0.578
767.000	5.681	34.897	27.520	0.599	822.000	5.444	34.904	27.555	0.591
768.000	5.678	34.897	27.521	0.593	823.000	5.438	34.904	27.556	0.600
769.000	5.674	34.897	27.521	0.577	824.000	5.435	34.905	27.557	0.551
770.000	5.666	34.898	27.523	0.548	825.000	5.431	34.905	27.557	0.539
771.000	5.663	34.898	27.523	0.578	826.000	5.426	34.905	27.558	0.551
772.000	5.661	34.898	27.523	0.598	827.000	5.424	34.905	27.558	0.511
773.000	5.661	34.898	27.523	0.579	828.000	5.417	34.905	27.559	0.535
774.000	5.658	34.898	27.524	0.545	829.000	5.415	34.905	27.560	0.538
775.000	5.655	34.898	27.524	0.529	830.000	5.415	34.905	27.559	0.568
776.000	5.647	34.898	27.525	0.525	831.000	5.414	34.905	27.560	0.569
777.000	5.637	34.898	27.527	0.556	832.000	5.408	34.905	27.560	0.587
778.000	5.628	34.899	27.528	0.503	833.000	5.397	34.905	27.562	0.612
779.000	5.618	34.899	27.530	0.521	834.000	5.393	34.906	27.563	0.596
780.000	5.611	34.900	27.531	0.522	835.000	5.388	34.906	27.564	0.584
781.000	5.608	34.899	27.531	0.514	836.000	5.381	34.907	27.565	0.576
782.000	5.595	34.900	27.533	0.576	837.000	5.377	34.907	27.565	0.586
783.000	5.589	34.900	27.534	0.565	838.000	5.372	34.907	27.566	0.586
784.000	5.588	34.900	27.534	0.587	839.000	5.363	34.907	27.568	0.581
785.000	5.587	34.900	27.534	0.613	840.000	5.358	34.907	27.568	0.578
786.000	5.586	34.900	27.534	0.589	841.000	5.353	34.907	27.569	0.571
787.000	5.580	34.901	27.535	0.604	842.000	5.345	34.908	27.570	0.492
788.000	5.580	34.900	27.535	0.605	843.000	5.340	34.908	27.571	0.504
789.000	5.578	34.900	27.536	0.594	844.000	5.339	34.909	27.572	0.555
790.000	5.577	34.900	27.535	0.603	845.000	5.338	34.908	27.571	0.618
791.000	5.571	34.901	27.537	0.549	846.000	5.336	34.908	27.571	0.642
792.000	5.568	34.901	27.537	0.544	847.000	5.333	34.908	27.572	0.627
793.000	5.568	34.900	27.537	0.565	848.000	5.333	34.908	27.572	0.596
794.000	5.564	34.901	27.538	0.581	849.000	5.331	34.908	27.572	0.597
795.000	5.555	34.901	27.539	0.573	850.000	5.327	34.908	27.573	0.601
796.000	5.547	34.902	27.541	0.527	851.000	5.322	34.909	27.574	0.553
797.000	5.549	34.901	27.540	0.494	852.000	5.315	34.909	27.575	0.534
798.000	5.538	34.901	27.542	0.587	853.000	5.314	34.909	27.575	0.524
799.000	5.536	34.902	27.542	0.590	854.000	5.314	34.909	27.575	0.524
800.000	5.535	34.902	27.542	0.585	855.000	5.311	34.909	27.575	0.558
801.000	5.536	34.901	27.541	0.604	856.000	5.307	34.909	27.576	0.541
802.000	5.533	34.901	27.542	0.569	857.000	5.303	34.909	27.576	0.496
803.000	5.518	34.902	27.545	0.543	858.000	5.291	34.910	27.578	0.540
804.000	5.517	34.902	27.545	0.561	859.000	5.280	34.910	27.580	0.550
805.000	5.516	34.902	27.545	0.545	860.000	5.279	34.910	27.580	0.572
806.000	5.516	34.902	27.545	0.553	861.000	5.278	34.910	27.580	0.622
807.000	5.515	34.902	27.545	0.582	862.000	5.276	34.910	27.581	0.587
808.000	5.513	34.902	27.545	0.605	863.000	5.274	34.911	27.581	0.549
809.000	5.504	34.902	27.546	0.585	864.000	5.273	34.910	27.581	0.561
810.000	5.501	34.903	27.547	0.557	865.000	5.272	34.910	27.581	0.530
811.000	5.497	34.902	27.547	0.575	866.000	5.261	34.911	27.583	0.576
812.000	5.491	34.902	27.548	0.539	867.000	5.255	34.911	27.584	0.582
813.000	5.482	34.903	27.549	0.520	868.000	5.252	34.912	27.585	0.545
814.000	5.475	34.903	27.551	0.574	869.000	5.252	34.911	27.584	0.522
815.000	5.471	34.903	27.551	0.579	870.000	5.249	34.911	27.585	0.496
816.000	5.468	34.904	27.552	0.602	871.000	5.246	34.912	27.585	0.558
817.000	5.467	34.903	27.552	0.630	872.000	5.243	34.912	27.586	0.626

873.000	5.240	34.912	27.586	0.661	928.000	5.063	34.919	27.613	0.576
874.000	5.239	34.911	27.586	0.641	929.000	5.058	34.919	27.614	0.525
875.000	5.232	34.912	27.587	0.618	930.000	5.048	34.920	27.616	0.547
876.000	5.231	34.912	27.587	0.593	931.000	5.040	34.921	27.617	0.541
877.000	5.230	34.912	27.588	0.596	932.000	5.037	34.920	27.617	0.555
878.000	5.229	34.912	27.588	0.568	933.000	5.034	34.921	27.618	0.538
879.000	5.227	34.912	27.588	0.543	934.000	5.033	34.921	27.618	0.562
880.000	5.224	34.912	27.588	0.547	935.000	5.033	34.920	27.618	0.541
881.000	5.221	34.913	27.589	0.537	936.000	5.031	34.921	27.618	0.607
882.000	5.218	34.913	27.590	0.553	937.000	5.027	34.921	27.619	0.591
883.000	5.218	34.912	27.589	0.536	938.000	5.021	34.921	27.620	0.598
884.000	5.215	34.912	27.590	0.545	939.000	5.016	34.921	27.620	0.585
885.000	5.210	34.913	27.591	0.567	940.000	5.010	34.922	27.622	0.586
886.000	5.207	34.913	27.591	0.574	941.000	5.006	34.922	27.622	0.572
887.000	5.201	34.913	27.592	0.578	942.000	5.002	34.922	27.623	0.541
888.000	5.196	34.914	27.593	0.608	943.000	5.005	34.921	27.622	0.574
889.000	5.195	34.913	27.593	0.592	944.000	4.998	34.922	27.623	0.516
890.000	5.189	34.914	27.594	0.567	945.000	4.996	34.922	27.624	0.542
891.000	5.187	34.914	27.594	0.543	946.000	4.994	34.922	27.624	0.527
892.000	5.185	34.914	27.594	0.554	947.000	4.992	34.922	27.624	0.484
893.000	5.184	34.914	27.594	0.576	948.000	4.990	34.922	27.624	0.531
894.000	5.179	34.914	27.595	0.560	949.000	4.988	34.923	27.625	0.605
895.000	5.173	34.915	27.597	0.557	950.000	4.986	34.923	27.625	0.638
896.000	5.171	34.915	27.597	0.569	951.000	4.984	34.923	27.625	0.617
897.000	5.170	34.914	27.597	0.534	952.000	4.981	34.923	27.626	0.584
898.000	5.167	34.915	27.597	0.602	953.000	4.977	34.923	27.626	0.550
899.000	5.165	34.915	27.598	0.608	954.000	4.972	34.924	27.628	0.541
900.000	5.162	34.915	27.598	0.640	955.000	4.970	34.924	27.628	0.541
901.000	5.161	34.915	27.598	0.600	956.000	4.970	34.923	27.627	0.568
902.000	5.154	34.915	27.599	0.590	957.000	4.966	34.923	27.628	0.585
903.000	5.148	34.916	27.601	0.605	958.000	4.962	34.924	27.629	0.526
904.000	5.146	34.916	27.601	0.607	959.000	4.959	34.924	27.630	0.539
905.000	5.145	34.915	27.600	0.586	960.000	4.959	34.924	27.629	0.582
906.000	5.144	34.916	27.601	0.582	961.000	4.957	34.924	27.629	0.538
907.000	5.141	34.916	27.601	0.551	962.000	4.953	34.924	27.630	0.600
908.000	5.138	34.916	27.601	0.564	963.000	4.950	34.924	27.630	0.626
909.000	5.130	34.916	27.603	0.548	964.000	4.946	34.925	27.631	0.648
910.000	5.126	34.917	27.604	0.471	965.000	4.943	34.925	27.632	0.625
911.000	5.124	34.916	27.603	0.575	966.000	4.942	34.924	27.632	0.561
912.000	5.122	34.917	27.604	0.588	967.000	4.934	34.925	27.633	0.554
913.000	5.120	34.917	27.605	0.609	968.000	4.929	34.926	27.634	0.554
914.000	5.116	34.917	27.605	0.622	969.000	4.925	34.926	27.635	0.559
915.000	5.115	34.917	27.605	0.612	970.000	4.922	34.925	27.635	0.541
916.000	5.108	34.917	27.606	0.576	971.000	4.911	34.926	27.637	0.541
917.000	5.103	34.918	27.607	0.581	972.000	4.906	34.927	27.638	0.545
918.000	5.102	34.918	27.608	0.588	973.000	4.904	34.926	27.638	0.563
919.000	5.102	34.917	27.607	0.548	974.000	4.902	34.926	27.638	0.525
920.000	5.100	34.917	27.607	0.549	975.000	4.900	34.927	27.638	0.580
921.000	5.093	34.918	27.609	0.539	976.000	4.897	34.927	27.639	0.579
922.000	5.091	34.918	27.609	0.516	977.000	4.895	34.927	27.639	0.577
923.000	5.089	34.918	27.609	0.574	978.000	4.894	34.927	27.639	0.578
924.000	5.086	34.918	27.610	0.591	979.000	4.894	34.926	27.639	0.530
925.000	5.082	34.919	27.611	0.640	980.000	4.891	34.927	27.640	0.537
926.000	5.079	34.918	27.611	0.609	981.000	4.887	34.927	27.640	0.495
927.000	5.070	34.919	27.612	0.618	982.000	4.881	34.927	27.641	0.518

983.000	4.878	34.928	27.642	0.534	994.000	4.859	34.929	27.645	0.586
984.000	4.876	34.928	27.642	0.535	995.000	4.859	34.928	27.644	0.515
985.000	4.875	34.928	27.642	0.592	996.000	4.857	34.928	27.645	0.457
986.000	4.874	34.928	27.642	0.589	997.000	4.853	34.929	27.646	0.483
987.000	4.874	34.928	27.642	0.568	998.000	4.852	34.928	27.645	0.574
988.000	4.873	34.928	27.642	0.605	999.000	4.848	34.929	27.646	0.581
989.000	4.869	34.928	27.643	0.595	1000.000	4.847	34.929	27.646	0.584
990.000	4.866	34.929	27.644	0.587	1001.000	4.846	34.929	27.646	0.558
991.000	4.865	34.929	27.644	0.579	1002.000	4.845	34.929	27.646	0.590
992.000	4.865	34.928	27.643	0.547	1003.000	4.844	34.929	27.647	0.542
993.000	4.861	34.928	27.644	0.603					

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Cruise: 94G07  
 Date: Aug 17 1994  
 Time: 22:36:33 GMT  
 Lat.: 26 00.016N  
 Lon.: 90 35.951W  
 Stn.: 007A

Depth	Temp(c)	Sal	Sigma-t	Fluor					
2.000	29.885	34.326	21.263	0.896	48.000	23.739	36.243	24.665	0.996
3.000	29.886	34.326	21.263	0.863	49.000	23.545	36.302	24.767	1.006
4.000	29.887	34.327	21.263	0.872	50.000	23.482	36.296	24.781	1.019
5.000	29.893	34.328	21.261	0.883	51.000	23.309	36.284	24.822	1.023
6.000	29.896	34.330	21.263	0.884	52.000	23.203	36.284	24.853	1.029
7.000	29.903	34.339	21.267	0.870	53.000	23.054	36.297	24.906	1.047
8.000	29.910	34.365	21.284	0.885	54.000	22.885	36.323	24.976	1.051
9.000	29.917	34.457	21.351	0.877	55.000	22.852	36.323	24.985	1.066
10.000	29.911	34.569	21.437	0.895	56.000	22.749	36.321	25.013	1.096
11.000	29.891	34.724	21.560	0.902	57.000	22.647	36.325	25.045	1.109
12.000	29.871	34.969	21.750	0.885	58.000	22.602	36.326	25.060	1.108
13.000	29.864	35.286	21.991	0.837	59.000	22.499	36.324	25.087	1.110
14.000	29.843	35.458	22.127	0.839	60.000	22.334	36.326	25.136	1.122
15.000	29.799	35.497	22.171	0.852	61.000	22.212	36.329	25.173	1.125
16.000	29.756	35.541	22.219	0.859	62.000	22.113	36.326	25.199	1.147
17.000	29.732	35.573	22.251	0.873	63.000	21.999	36.325	25.230	1.150
18.000	29.726	35.649	22.311	0.844	64.000	21.856	36.323	25.269	1.159
19.000	29.737	35.764	22.393	0.842	65.000	21.785	36.320	25.287	1.176
20.000	29.717	35.828	22.448	0.797	66.000	21.670	36.313	25.314	1.184
21.000	29.698	35.875	22.490	0.779	67.000	21.558	36.306	25.339	1.206
22.000	29.719	35.952	22.540	0.938	68.000	21.404	36.296	25.375	1.220
23.000	29.658	35.985	22.586	0.859	69.000	21.273	36.297	25.411	1.208
24.000	29.538	36.022	22.655	0.817	70.000	21.210	36.296	25.428	1.221
25.000	29.496	36.092	22.721	0.827	71.000	21.103	36.291	25.454	1.219
26.000	29.334	36.084	22.771	0.829	72.000	20.985	36.306	25.498	1.227
27.000	29.139	36.103	22.850	0.796	73.000	20.947	36.310	25.511	1.254
28.000	28.715	36.057	22.958	0.819	74.000	20.844	36.314	25.542	1.271
29.000	28.546	36.102	23.048	0.840	75.000	20.815	36.316	25.552	1.267
30.000	28.548	36.190	23.114	0.833	76.000	20.791	36.316	25.559	1.273
31.000	28.190	36.237	23.267	0.833	77.000	20.745	36.318	25.572	1.278
32.000	27.861	36.225	23.367	0.861	78.000	20.731	36.319	25.578	1.286
33.000	27.563	36.212	23.453	0.868	79.000	20.691	36.320	25.589	1.287
34.000	27.191	36.265	23.614	0.860	80.000	20.561	36.327	25.630	1.310
35.000	26.930	36.250	23.687	0.884	81.000	20.486	36.329	25.651	1.354
36.000	26.362	36.171	23.808	0.937	82.000	20.454	36.328	25.660	1.370
37.000	26.088	36.162	23.887	0.929	83.000	20.426	36.328	25.667	1.379
38.000	25.943	36.162	23.933	0.932	84.000	20.358	36.331	25.687	1.401
39.000	25.524	36.232	24.116	0.929	85.000	20.321	36.332	25.698	1.420
40.000	25.246	36.245	24.212	0.927	86.000	20.293	36.331	25.705	1.433
41.000	25.088	36.246	24.261	0.938	87.000	20.243	36.333	25.720	1.423
42.000	24.683	36.222	24.366	0.930	88.000	20.170	36.336	25.742	1.415
43.000	24.402	36.219	24.449	0.961	89.000	20.064	36.337	25.771	1.413
44.000	24.321	36.222	24.475	0.983	90.000	19.958	36.339	25.801	1.401
45.000	24.272	36.220	24.488	0.971	91.000	19.904	36.342	25.817	1.362
46.000	24.080	36.232	24.555	0.989	92.000	19.854	36.349	25.836	1.370
47.000	23.913	36.252	24.620	0.988	93.000	19.784	36.349	25.854	1.334
					94.000	19.731	36.350	25.869	1.279
					95.000	19.661	36.352	25.889	1.268
					96.000	19.625	36.354	25.900	1.257
					97.000	19.601	36.356	25.908	1.243
					98.000	19.569	36.356	25.917	1.237
					99.000	19.535	36.356	25.926	1.228
					100.000	19.480	36.361	25.943	1.222
					101.000	19.451	36.367	25.956	1.193
					102.000	19.435	36.381	25.971	1.173

103.000	19.420	36.401	25.990	1.166	158.000	16.060	36.130	26.610	0.686
104.000	19.363	36.433	26.029	1.182	159.000	16.036	36.126	26.612	0.674
105.000	19.360	36.451	26.044	1.178	160.000	16.021	36.123	26.614	0.640
106.000	19.337	36.457	26.054	1.141	161.000	16.008	36.121	26.615	0.653
107.000	19.288	36.461	26.070	1.131	162.000	15.983	36.117	26.618	0.727
108.000	19.267	36.467	26.080	1.141	163.000	15.939	36.111	26.624	0.687
109.000	19.242	36.467	26.087	1.140	164.000	15.912	36.107	26.627	0.607
110.000	19.206	36.464	26.094	1.129	165.000	15.879	36.103	26.631	0.618
111.000	19.144	36.463	26.109	1.129	166.000	15.853	36.099	26.635	0.636
112.000	19.100	36.462	26.119	1.136	167.000	15.840	36.097	26.635	0.615
113.000	19.008	36.458	26.141	1.102	168.000	15.814	36.093	26.639	0.620
114.000	18.903	36.459	26.168	1.083	169.000	15.801	36.091	26.640	0.626
115.000	18.873	36.458	26.175	1.088	170.000	15.783	36.089	26.642	0.706
116.000	18.822	36.454	26.185	1.066	171.000	15.769	36.086	26.644	0.669
117.000	18.773	36.451	26.195	1.070	172.000	15.754	36.083	26.645	0.581
118.000	18.709	36.447	26.209	1.063	173.000	15.723	36.079	26.648	0.635
119.000	18.536	36.432	26.242	1.058	174.000	15.672	36.071	26.655	0.641
120.000	18.371	36.421	26.274	1.020	175.000	15.646	36.068	26.657	0.650
121.000	18.302	36.415	26.287	1.006	176.000	15.636	36.065	26.658	0.630
122.000	18.230	36.409	26.301	1.012	177.000	15.627	36.064	26.659	0.667
123.000	18.147	36.398	26.313	0.974	178.000	15.626	36.063	26.659	0.698
124.000	18.064	36.392	26.329	0.944	179.000	15.601	36.058	26.661	0.691
125.000	18.017	36.387	26.337	0.919	180.000	15.518	36.047	26.671	0.577
126.000	17.979	36.382	26.343	0.937	181.000	15.467	36.041	26.677	0.602
127.000	17.888	36.369	26.356	0.957	182.000	15.434	36.036	26.681	0.617
128.000	17.789	36.362	26.375	0.915	183.000	15.397	36.030	26.685	0.619
129.000	17.741	36.355	26.381	0.917	184.000	15.377	36.027	26.687	0.629
130.000	17.661	36.344	26.392	0.886	185.000	15.307	36.017	26.695	0.640
131.000	17.528	36.330	26.414	0.878	186.000	15.269	36.011	26.699	0.650
132.000	17.432	36.320	26.430	0.893	187.000	15.224	36.005	26.704	0.663
133.000	17.395	36.313	26.434	0.906	188.000	15.175	35.997	26.709	0.651
134.000	17.261	36.297	26.454	0.810	189.000	15.144	35.992	26.713	0.539
135.000	17.167	36.288	26.469	0.807	190.000	15.119	35.988	26.715	0.544
136.000	17.131	36.282	26.474	0.797	191.000	15.096	35.985	26.718	0.584
137.000	17.039	36.268	26.485	0.792	192.000	15.078	35.981	26.719	0.598
138.000	16.944	36.257	26.500	0.770	193.000	15.046	35.975	26.721	0.590
139.000	16.889	36.249	26.506	0.796	194.000	14.995	35.967	26.726	0.603
140.000	16.853	36.243	26.511	0.795	195.000	14.955	35.962	26.731	0.630
141.000	16.793	36.234	26.518	0.734	196.000	14.921	35.957	26.735	0.651
142.000	16.724	36.228	26.529	0.718	197.000	14.906	35.954	26.736	0.657
143.000	16.653	36.216	26.537	0.738	198.000	14.885	35.951	26.738	0.601
144.000	16.526	36.201	26.556	0.751	199.000	14.848	35.945	26.742	0.559
145.000	16.504	36.199	26.559	0.712	200.000	14.801	35.937	26.747	0.544
146.000	16.487	36.194	26.560	0.714	201.000	14.773	35.933	26.749	0.582
147.000	16.461	36.191	26.563	0.761	202.000	14.738	35.927	26.752	0.610
148.000	16.439	36.186	26.565	0.706	203.000	14.682	35.921	26.759	0.599
149.000	16.418	36.183	26.567	0.704	204.000	14.652	35.915	26.762	0.614
150.000	16.384	36.178	26.572	0.673	205.000	14.625	35.910	26.764	0.643
151.000	16.328	36.169	26.578	0.659	206.000	14.621	35.909	26.764	0.642
152.000	16.266	36.161	26.586	0.663	207.000	14.601	35.904	26.764	0.643
153.000	16.223	36.154	26.591	0.669	208.000	14.554	35.898	26.770	0.580
154.000	16.188	36.150	26.596	0.712	209.000	14.534	35.895	26.772	0.617
155.000	16.160	36.145	26.599	0.681	210.000	14.495	35.889	26.776	0.594
156.000	16.120	36.138	26.603	0.680	211.000	14.473	35.885	26.778	0.556
157.000	16.096	36.135	26.606	0.673	212.000	14.443	35.880	26.780	0.593

213.000	14.382	35.870	26.785	0.617	268.000	12.734	35.618	26.933	0.599
214.000	14.291	35.858	26.796	0.592	269.000	12.700	35.612	26.935	0.618
215.000	14.256	35.852	26.799	0.608	270.000	12.680	35.609	26.937	0.617
216.000	14.221	35.845	26.801	0.624	271.000	12.658	35.605	26.938	0.625
217.000	14.188	35.839	26.804	0.632	272.000	12.627	35.601	26.941	0.622
218.000	14.144	35.834	26.809	0.692	273.000	12.601	35.596	26.943	0.603
219.000	14.130	35.831	26.809	0.657	274.000	12.579	35.593	26.945	0.602
220.000	14.119	35.828	26.810	0.589	275.000	12.537	35.585	26.947	0.610
221.000	14.099	35.824	26.811	0.636	276.000	12.458	35.575	26.955	0.600
222.000	14.037	35.815	26.817	0.618	277.000	12.419	35.569	26.958	0.637
223.000	13.993	35.808	26.821	0.600	278.000	12.387	35.563	26.959	0.687
224.000	13.897	35.792	26.829	0.592	279.000	12.335	35.555	26.963	0.644
225.000	13.839	35.785	26.836	0.594	280.000	12.311	35.551	26.965	0.658
226.000	13.807	35.778	26.837	0.621	281.000	12.293	35.547	26.966	0.607
227.000	13.741	35.771	26.845	0.631	282.000	12.261	35.543	26.969	0.582
228.000	13.729	35.769	26.847	0.644	283.000	12.249	35.541	26.969	0.577
229.000	13.719	35.767	26.847	0.685	284.000	12.226	35.537	26.971	0.514
230.000	13.695	35.762	26.848	0.673	285.000	12.200	35.534	26.973	0.600
231.000	13.651	35.755	26.852	0.603	286.000	12.177	35.531	26.975	0.622
232.000	13.618	35.750	26.855	0.591	287.000	12.152	35.527	26.977	0.645
233.000	13.602	35.748	26.857	0.584	288.000	12.118	35.522	26.980	0.622
234.000	13.583	35.744	26.858	0.597	289.000	12.091	35.518	26.982	0.628
235.000	13.516	35.735	26.865	0.593	290.000	12.069	35.515	26.984	0.616
236.000	13.494	35.733	26.867	0.615	291.000	12.051	35.512	26.985	0.610
237.000	13.467	35.728	26.869	0.609	292.000	12.037	35.510	26.986	0.606
238.000	13.455	35.726	26.871	0.606	293.000	12.015	35.506	26.987	0.620
239.000	13.447	35.725	26.871	0.592	294.000	11.985	35.502	26.990	0.633
240.000	13.442	35.724	26.871	0.555	295.000	11.966	35.499	26.991	0.641
241.000	13.425	35.721	26.872	0.615	296.000	11.955	35.497	26.992	0.673
242.000	13.396	35.716	26.875	0.667	297.000	11.935	35.494	26.993	0.643
243.000	13.360	35.711	26.878	0.687	298.000	11.911	35.490	26.995	0.656
244.000	13.346	35.709	26.880	0.677	299.000	11.900	35.488	26.996	0.613
245.000	13.341	35.708	26.880	0.586	300.000	11.877	35.485	26.998	0.619
246.000	13.330	35.707	26.881	0.553	301.000	11.837	35.479	27.000	0.584
247.000	13.318	35.705	26.882	0.622	302.000	11.798	35.473	27.003	0.634
248.000	13.290	35.701	26.885	0.637	303.000	11.758	35.469	27.007	0.612
249.000	13.277	35.699	26.886	0.645	304.000	11.735	35.465	27.009	0.595
250.000	13.269	35.697	26.886	0.621	305.000	11.704	35.461	27.012	0.626
251.000	13.264	35.697	26.887	0.617	306.000	11.693	35.459	27.013	0.621
252.000	13.262	35.696	26.887	0.622	307.000	11.678	35.456	27.013	0.616
253.000	13.244	35.693	26.888	0.610	308.000	11.662	35.454	27.014	0.616
254.000	13.220	35.689	26.890	0.596	309.000	11.658	35.453	27.014	0.632
255.000	13.190	35.685	26.893	0.629	310.000	11.654	35.452	27.014	0.638
256.000	13.165	35.680	26.895	0.616	311.000	11.637	35.449	27.016	0.682
257.000	13.150	35.678	26.896	0.640	312.000	11.626	35.448	27.017	0.670
258.000	13.125	35.675	26.899	0.657	313.000	11.622	35.447	27.017	0.663
259.000	13.099	35.672	26.902	0.673	314.000	11.614	35.445	27.017	0.667
260.000	13.082	35.669	26.903	0.646	315.000	11.597	35.443	27.018	0.704
261.000	13.063	35.666	26.904	0.598	316.000	11.569	35.439	27.021	0.696
262.000	13.042	35.662	26.906	0.565	317.000	11.539	35.434	27.022	0.564
263.000	13.018	35.658	26.907	0.585	318.000	11.476	35.427	27.028	0.612
264.000	12.960	35.649	26.912	0.606	319.000	11.457	35.423	27.029	0.594
265.000	12.869	35.637	26.921	0.615	320.000	11.438	35.421	27.031	0.566
266.000	12.841	35.633	26.924	0.639	321.000	11.426	35.419	27.031	0.614
267.000	12.802	35.626	26.926	0.610	322.000	11.387	35.413	27.034	0.592

323.000	11.362	35.409	27.036	0.605	378.000	10.213	35.247	27.117	0.604
324.000	11.333	35.406	27.038	0.575	379.000	10.190	35.244	27.118	0.618
325.000	11.309	35.401	27.039	0.615	380.000	10.184	35.244	27.119	0.630
326.000	11.294	35.398	27.040	0.599	381.000	10.184	35.243	27.118	0.646
327.000	11.269	35.396	27.042	0.555	382.000	10.183	35.243	27.119	0.657
328.000	11.257	35.393	27.043	0.553	383.000	10.181	35.242	27.118	0.655
329.000	11.226	35.388	27.045	0.577	384.000	10.179	35.242	27.118	0.627
330.000	11.174	35.382	27.050	0.525	385.000	10.149	35.238	27.121	0.631
331.000	11.154	35.379	27.051	0.564	386.000	10.128	35.236	27.123	0.633
332.000	11.136	35.376	27.052	0.563	387.000	10.116	35.235	27.124	0.605
333.000	11.122	35.374	27.053	0.607	388.000	10.112	35.233	27.123	0.580
334.000	11.095	35.369	27.054	0.612	389.000	10.094	35.230	27.124	0.629
335.000	11.056	35.364	27.057	0.576	390.000	10.066	35.227	27.127	0.624
336.000	11.020	35.359	27.060	0.527	391.000	10.057	35.226	27.127	0.635
337.000	11.001	35.357	27.062	0.570	392.000	10.038	35.223	27.128	0.600
338.000	10.974	35.353	27.063	0.529	393.000	10.013	35.220	27.130	0.575
339.000	10.955	35.350	27.065	0.535	394.000	9.988	35.217	27.132	0.545
340.000	10.935	35.347	27.066	0.550	395.000	9.968	35.215	27.133	0.495
341.000	10.907	35.343	27.068	0.546	396.000	9.952	35.212	27.134	0.554
342.000	10.867	35.338	27.071	0.521	397.000	9.928	35.209	27.136	0.551
343.000	10.844	35.335	27.073	0.522	398.000	9.907	35.206	27.137	0.623
344.000	10.833	35.333	27.074	0.502	399.000	9.892	35.204	27.138	0.624
345.000	10.828	35.332	27.074	0.532	400.000	9.883	35.203	27.139	0.635
346.000	10.820	35.331	27.074	0.545	401.000	9.874	35.201	27.139	0.659
347.000	10.797	35.327	27.075	0.528	402.000	9.866	35.200	27.139	0.614
348.000	10.777	35.324	27.076	0.584	403.000	9.858	35.198	27.139	0.598
349.000	10.757	35.322	27.078	0.566	404.000	9.825	35.194	27.142	0.615
350.000	10.731	35.318	27.080	0.569	405.000	9.805	35.191	27.143	0.616
351.000	10.717	35.316	27.081	0.516	406.000	9.780	35.188	27.144	0.616
352.000	10.703	35.314	27.082	0.557	407.000	9.766	35.185	27.145	0.548
353.000	10.685	35.312	27.084	0.592	408.000	9.752	35.182	27.145	0.627
354.000	10.672	35.310	27.085	0.614	409.000	9.719	35.178	27.147	0.622
355.000	10.649	35.307	27.086	0.584	410.000	9.714	35.180	27.150	0.611
356.000	10.622	35.304	27.088	0.599	411.000	9.716	35.181	27.150	0.637
357.000	10.604	35.301	27.089	0.626	412.000	9.713	35.180	27.150	0.612
358.000	10.580	35.297	27.091	0.648	413.000	9.700	35.179	27.151	0.636
359.000	10.533	35.290	27.094	0.653	414.000	9.671	35.176	27.154	0.613
360.000	10.505	35.287	27.097	0.653	415.000	9.649	35.173	27.155	0.627
361.000	10.487	35.285	27.098	0.681	416.000	9.619	35.169	27.157	0.607
362.000	10.477	35.284	27.099	0.701	417.000	9.594	35.166	27.159	0.564
363.000	10.472	35.283	27.099	0.676	418.000	9.567	35.163	27.161	0.521
364.000	10.466	35.282	27.099	0.635	419.000	9.546	35.160	27.162	0.521
365.000	10.461	35.281	27.099	0.657	420.000	9.533	35.158	27.163	0.587
366.000	10.451	35.279	27.100	0.631	421.000	9.526	35.157	27.163	0.641
367.000	10.441	35.278	27.101	0.634	422.000	9.507	35.154	27.164	0.661
368.000	10.423	35.275	27.101	0.623	423.000	9.481	35.151	27.166	0.639
369.000	10.377	35.270	27.106	0.633	424.000	9.454	35.147	27.167	0.582
370.000	10.357	35.267	27.107	0.603	425.000	9.418	35.143	27.170	0.610
371.000	10.349	35.266	27.107	0.605	426.000	9.402	35.140	27.171	0.626
372.000	10.341	35.264	27.108	0.629	427.000	9.377	35.137	27.172	0.607
373.000	10.310	35.260	27.110	0.650	428.000	9.373	35.136	27.172	0.554
374.000	10.275	35.256	27.113	0.615	429.000	9.363	35.135	27.173	0.613
375.000	10.266	35.254	27.113	0.579	430.000	9.348	35.131	27.173	0.634
376.000	10.248	35.252	27.114	0.628	431.000	9.311	35.128	27.177	0.623
377.000	10.232	35.250	27.116	0.610	432.000	9.298	35.127	27.177	0.621



433.000	9.288	35.125	27.178	0.613	488.000	8.398	35.012	27.231	0.625
434.000	9.282	35.124	27.178	0.603	489.000	8.382	35.010	27.232	0.594
435.000	9.270	35.123	27.179	0.609	490.000	8.366	35.010	27.234	0.624
436.000	9.263	35.122	27.180	0.609	491.000	8.349	35.009	27.236	0.662
437.000	9.248	35.120	27.181	0.529	492.000	8.339	35.010	27.238	0.638
438.000	9.228	35.118	27.182	0.529	493.000	8.330	35.009	27.240	0.627
439.000	9.217	35.117	27.183	0.568	494.000	8.324	35.010	27.241	0.625
440.000	9.210	35.115	27.183	0.626	495.000	8.316	35.010	27.242	0.600
441.000	9.182	35.112	27.185	0.626	496.000	8.298	35.009	27.244	0.565
442.000	9.176	35.111	27.185	0.645	497.000	8.286	35.007	27.244	0.586
443.000	9.156	35.108	27.186	0.600	498.000	8.272	35.005	27.245	0.584
444.000	9.138	35.106	27.188	0.577	499.000	8.261	35.004	27.246	0.619
445.000	9.135	35.105	27.187	0.609	500.000	8.240	35.002	27.247	0.607
446.000	9.099	35.100	27.189	0.629	501.000	8.236	35.004	27.250	0.597
447.000	9.081	35.097	27.190	0.608	502.000	8.238	35.004	27.250	0.628
448.000	9.060	35.094	27.191	0.572	503.000	8.237	35.006	27.251	0.648
449.000	9.048	35.093	27.192	0.588	504.000	8.232	35.006	27.252	0.612
450.000	9.014	35.086	27.192	0.650	505.000	8.225	35.006	27.253	0.621
451.000	8.972	35.080	27.194	0.576	506.000	8.217	35.005	27.253	0.604
452.000	8.937	35.075	27.196	0.584	507.000	8.206	35.004	27.254	0.563
453.000	8.936	35.076	27.197	0.592	508.000	8.195	35.003	27.255	0.552
454.000	8.930	35.075	27.197	0.572	509.000	8.188	35.002	27.255	0.508
455.000	8.896	35.071	27.199	0.611	510.000	8.177	35.001	27.256	0.593
456.000	8.892	35.071	27.199	0.655	511.000	8.172	35.000	27.256	0.587
457.000	8.860	35.067	27.202	0.658	512.000	8.168	35.000	27.257	0.610
458.000	8.850	35.065	27.201	0.666	513.000	8.161	34.999	27.257	0.599
459.000	8.805	35.060	27.205	0.641	514.000	8.139	34.996	27.258	0.605
460.000	8.788	35.058	27.206	0.609	515.000	8.089	34.992	27.262	0.640
461.000	8.769	35.055	27.207	0.624	516.000	8.069	34.989	27.263	0.602
462.000	8.763	35.054	27.207	0.587	517.000	8.048	34.986	27.264	0.622
463.000	8.757	35.053	27.207	0.605	518.000	8.035	34.985	27.265	0.615
464.000	8.754	35.052	27.207	0.632	519.000	8.020	34.983	27.266	0.603
465.000	8.741	35.051	27.208	0.612	520.000	8.001	34.981	27.267	0.570
466.000	8.735	35.050	27.208	0.604	521.000	7.992	34.980	27.268	0.547
467.000	8.733	35.049	27.208	0.622	522.000	7.983	34.979	27.268	0.567
468.000	8.715	35.047	27.209	0.554	523.000	7.973	34.978	27.269	0.553
469.000	8.690	35.045	27.211	0.524	524.000	7.965	34.978	27.270	0.613
470.000	8.680	35.043	27.212	0.587	525.000	7.968	34.979	27.270	0.619
471.000	8.659	35.041	27.213	0.653	526.000	7.967	34.979	27.271	0.605
472.000	8.641	35.039	27.214	0.661	527.000	7.957	34.978	27.271	0.592
473.000	8.639	35.038	27.214	0.631	528.000	7.917	34.974	27.274	0.589
474.000	8.640	35.038	27.214	0.617	529.000	7.880	34.972	27.278	0.611
475.000	8.634	35.038	27.214	0.633	530.000	7.874	34.971	27.279	0.617
476.000	8.614	35.035	27.215	0.606	531.000	7.874	34.971	27.278	0.585
477.000	8.594	35.032	27.216	0.617	532.000	7.872	34.971	27.279	0.608
478.000	8.571	35.029	27.218	0.605	533.000	7.872	34.971	27.278	0.606
479.000	8.543	35.026	27.219	0.590	534.000	7.868	34.970	27.279	0.640
480.000	8.531	35.025	27.221	0.620	535.000	7.851	34.969	27.280	0.631
481.000	8.523	35.024	27.221	0.632	536.000	7.838	34.968	27.282	0.579
482.000	8.505	35.022	27.223	0.577	537.000	7.835	34.967	27.281	0.581
483.000	8.494	35.021	27.223	0.555	538.000	7.832	34.967	27.282	0.563
484.000	8.489	35.021	27.224	0.593	539.000	7.828	34.967	27.282	0.596
485.000	8.451	35.017	27.227	0.623	540.000	7.826	34.966	27.282	0.595
486.000	8.418	35.015	27.230	0.616	541.000	7.814	34.964	27.282	0.565
487.000	8.407	35.013	27.231	0.615	542.000	7.786	34.961	27.284	0.590

543.000	7.756	34.960	27.287	0.629	598.000	7.100	34.914	27.346	0.591
544.000	7.749	34.958	27.287	0.631	599.000	7.098	34.914	27.346	0.584
545.000	7.734	34.956	27.288	0.573	600.000	7.095	34.914	27.346	0.523
546.000	7.712	34.954	27.289	0.617	601.000	7.090	34.914	27.347	0.518
547.000	7.702	34.953	27.290	0.581	602.000	7.086	34.913	27.347	0.595
548.000	7.691	34.952	27.291	0.582	603.000	7.078	34.913	27.348	0.603
549.000	7.686	34.952	27.291	0.560	604.000	7.074	34.913	27.348	0.611
550.000	7.673	34.952	27.293	0.585	605.000	7.072	34.913	27.348	0.584
551.000	7.670	34.953	27.294	0.584	606.000	7.057	34.912	27.350	0.562
552.000	7.662	34.952	27.295	0.529	607.000	7.033	34.911	27.353	0.558
553.000	7.643	34.950	27.296	0.567	608.000	7.019	34.910	27.354	0.510
554.000	7.639	34.949	27.296	0.631	609.000	7.018	34.911	27.354	0.532
555.000	7.629	34.947	27.296	0.537	610.000	7.020	34.911	27.354	0.594
556.000	7.612	34.947	27.298	0.611	611.000	7.021	34.911	27.354	0.631
557.000	7.605	34.946	27.299	0.560	612.000	7.013	34.910	27.355	0.615
558.000	7.599	34.945	27.299	0.584	613.000	7.006	34.910	27.355	0.587
559.000	7.568	34.944	27.302	0.569	614.000	6.997	34.909	27.356	0.555
560.000	7.558	34.943	27.303	0.587	615.000	6.989	34.909	27.357	0.625
561.000	7.542	34.942	27.304	0.575	616.000	6.984	34.909	27.358	0.582
562.000	7.535	34.941	27.305	0.532	617.000	6.969	34.909	27.360	0.524
563.000	7.528	34.941	27.306	0.478	618.000	6.960	34.909	27.361	0.616
564.000	7.525	34.941	27.306	0.580	619.000	6.951	34.909	27.362	0.634
565.000	7.520	34.939	27.306	0.608	620.000	6.937	34.909	27.364	0.593
566.000	7.500	34.938	27.308	0.608	621.000	6.928	34.909	27.365	0.579
567.000	7.482	34.937	27.310	0.630	622.000	6.925	34.908	27.365	0.580
568.000	7.470	34.935	27.310	0.596	623.000	6.916	34.907	27.366	0.573
569.000	7.447	34.934	27.312	0.606	624.000	6.901	34.908	27.368	0.519
570.000	7.442	34.933	27.312	0.646	625.000	6.901	34.907	27.368	0.509
571.000	7.433	34.933	27.313	0.620	626.000	6.892	34.907	27.369	0.507
572.000	7.420	34.933	27.315	0.554	627.000	6.884	34.907	27.370	0.598
573.000	7.407	34.932	27.316	0.510	628.000	6.861	34.907	27.373	0.568
574.000	7.391	34.931	27.318	0.563	629.000	6.853	34.906	27.374	0.529
575.000	7.377	34.930	27.319	0.605	630.000	6.842	34.905	27.375	0.574
576.000	7.363	34.929	27.320	0.615	631.000	6.812	34.904	27.378	0.597
577.000	7.357	34.929	27.321	0.588	632.000	6.803	34.904	27.379	0.589
578.000	7.346	34.927	27.321	0.610	633.000	6.801	34.904	27.379	0.581
579.000	7.332	34.926	27.322	0.584	634.000	6.801	34.904	27.379	0.574
580.000	7.325	34.927	27.324	0.547	635.000	6.801	34.904	27.379	0.574
581.000	7.315	34.927	27.325	0.531	636.000	6.800	34.904	27.379	0.536
582.000	7.299	34.926	27.327	0.522	637.000	6.795	34.904	27.380	0.521
583.000	7.289	34.928	27.329	0.583	638.000	6.789	34.904	27.381	0.535
584.000	7.285	34.927	27.329	0.611	639.000	6.781	34.904	27.382	0.569
585.000	7.273	34.925	27.330	0.591	640.000	6.760	34.902	27.383	0.552
586.000	7.262	34.924	27.330	0.585	641.000	6.732	34.900	27.385	0.566
587.000	7.236	34.921	27.332	0.567	642.000	6.709	34.900	27.388	0.571
588.000	7.232	34.922	27.333	0.559	643.000	6.704	34.900	27.389	0.582
589.000	7.205	34.921	27.336	0.586	644.000	6.698	34.899	27.390	0.604
590.000	7.182	34.919	27.338	0.563	645.000	6.692	34.899	27.390	0.568
591.000	7.165	34.918	27.340	0.552	646.000	6.687	34.899	27.391	0.534
592.000	7.156	34.917	27.340	0.529	647.000	6.675	34.899	27.392	0.528
593.000	7.134	34.916	27.343	0.524	648.000	6.665	34.898	27.393	0.537
594.000	7.120	34.916	27.344	0.592	649.000	6.655	34.898	27.394	0.542
595.000	7.110	34.915	27.345	0.603	650.000	6.649	34.899	27.396	0.570
596.000	7.106	34.915	27.345	0.590	651.000	6.646	34.899	27.396	0.567
597.000	7.102	34.914	27.346	0.597	652.000	6.640	34.899	27.397	0.615

653.000	6.640	34.900	27.398	0.655	708.000	6.156	34.891	27.455	0.445
654.000	6.638	34.900	27.399	0.643	709.000	6.143	34.891	27.457	0.511
655.000	6.632	34.901	27.400	0.601	710.000	6.133	34.891	27.458	0.568
656.000	6.628	34.901	27.400	0.567	711.000	6.125	34.891	27.459	0.555
657.000	6.624	34.900	27.401	0.561	712.000	6.121	34.891	27.459	0.546
658.000	6.615	34.900	27.402	0.582	713.000	6.115	34.891	27.460	0.544
659.000	6.598	34.900	27.404	0.556	714.000	6.111	34.891	27.461	0.535
660.000	6.585	34.900	27.406	0.563	715.000	6.107	34.891	27.461	0.558
661.000	6.579	34.900	27.406	0.564	716.000	6.100	34.891	27.463	0.503
662.000	6.576	34.900	27.407	0.501	717.000	6.093	34.891	27.464	0.530
663.000	6.573	34.900	27.407	0.541	718.000	6.084	34.891	27.465	0.563
664.000	6.569	34.900	27.407	0.550	719.000	6.071	34.891	27.466	0.566
665.000	6.565	34.899	27.408	0.509	720.000	6.068	34.891	27.467	0.579
666.000	6.561	34.899	27.408	0.549	721.000	6.067	34.892	27.468	0.577
667.000	6.553	34.898	27.409	0.581	722.000	6.060	34.893	27.469	0.528
668.000	6.533	34.898	27.411	0.599	723.000	6.054	34.893	27.469	0.545
669.000	6.519	34.898	27.412	0.605	724.000	6.046	34.892	27.470	0.614
670.000	6.506	34.897	27.414	0.621	725.000	6.043	34.892	27.471	0.630
671.000	6.493	34.897	27.415	0.615	726.000	6.040	34.892	27.471	0.596
672.000	6.489	34.897	27.416	0.601	727.000	6.035	34.892	27.472	0.575
673.000	6.483	34.896	27.416	0.554	728.000	6.026	34.891	27.472	0.622
674.000	6.470	34.896	27.417	0.571	729.000	6.017	34.891	27.473	0.597
675.000	6.455	34.895	27.419	0.592	730.000	6.013	34.891	27.474	0.590
676.000	6.450	34.895	27.420	0.514	731.000	6.004	34.891	27.475	0.583
677.000	6.439	34.895	27.421	0.484	732.000	5.994	34.892	27.476	0.603
678.000	6.421	34.894	27.423	0.527	733.000	5.987	34.892	27.478	0.591
679.000	6.403	34.894	27.425	0.543	734.000	5.977	34.892	27.479	0.575
680.000	6.390	34.893	27.426	0.532	735.000	5.963	34.893	27.481	0.568
681.000	6.378	34.892	27.427	0.581	736.000	5.953	34.893	27.483	0.558
682.000	6.371	34.892	27.427	0.599	737.000	5.944	34.893	27.484	0.575
683.000	6.358	34.891	27.429	0.626	738.000	5.933	34.893	27.485	0.611
684.000	6.345	34.892	27.431	0.619	739.000	5.930	34.893	27.486	0.602
685.000	6.341	34.892	27.431	0.591	740.000	5.926	34.892	27.486	0.580
686.000	6.338	34.892	27.432	0.566	741.000	5.918	34.892	27.487	0.553
687.000	6.334	34.892	27.433	0.597	742.000	5.916	34.893	27.488	0.549
688.000	6.327	34.893	27.434	0.601	743.000	5.916	34.893	27.488	0.564
689.000	6.324	34.893	27.435	0.599	744.000	5.913	34.893	27.488	0.564
690.000	6.321	34.893	27.435	0.600	745.000	5.903	34.894	27.490	0.538
691.000	6.316	34.893	27.436	0.598	746.000	5.898	34.894	27.490	0.551
692.000	6.304	34.893	27.437	0.585	747.000	5.893	34.894	27.491	0.579
693.000	6.299	34.893	27.438	0.563	748.000	5.884	34.894	27.492	0.609
694.000	6.284	34.893	27.440	0.571	749.000	5.876	34.894	27.493	0.582
695.000	6.263	34.893	27.442	0.595	750.000	5.874	34.894	27.494	0.584
696.000	6.255	34.893	27.444	0.595	751.000	5.872	34.894	27.494	0.505
697.000	6.252	34.893	27.444	0.606	752.000	5.864	34.894	27.495	0.578
698.000	6.249	34.893	27.444	0.566	753.000	5.850	34.895	27.497	0.586
699.000	6.244	34.892	27.444	0.579	754.000	5.847	34.895	27.498	0.645
700.000	6.235	34.892	27.445	0.612	755.000	5.844	34.895	27.498	0.619
701.000	6.220	34.892	27.447	0.590	756.000	5.841	34.894	27.498	0.579
702.000	6.212	34.892	27.448	0.567	757.000	5.839	34.894	27.498	0.579
703.000	6.198	34.891	27.450	0.546	758.000	5.828	34.894	27.500	0.579
704.000	6.183	34.891	27.452	0.519	759.000	5.820	34.895	27.501	0.562
705.000	6.175	34.891	27.453	0.534	760.000	5.815	34.895	27.502	0.575
706.000	6.167	34.892	27.454	0.549	761.000	5.807	34.895	27.503	0.591
707.000	6.160	34.892	27.455	0.544	762.000	5.803	34.895	27.503	0.563

763.000	5.791	34.896	27.505	0.533	818.000	5.528	34.902	27.544	0.504
764.000	5.785	34.896	27.506	0.540	819.000	5.527	34.902	27.544	0.536
765.000	5.782	34.896	27.507	0.574	820.000	5.523	34.902	27.544	0.582
766.000	5.780	34.896	27.507	0.585	821.000	5.518	34.903	27.545	0.596
767.000	5.776	34.896	27.507	0.540	822.000	5.512	34.903	27.546	0.623
768.000	5.772	34.896	27.508	0.554	823.000	5.504	34.903	27.547	0.608
769.000	5.767	34.896	27.508	0.609	824.000	5.498	34.903	27.548	0.588
770.000	5.761	34.896	27.509	0.605	825.000	5.491	34.904	27.549	0.551
771.000	5.758	34.896	27.510	0.589	826.000	5.489	34.904	27.549	0.533
772.000	5.755	34.896	27.510	0.559	827.000	5.484	34.904	27.550	0.571
773.000	5.751	34.896	27.511	0.608	828.000	5.480	34.904	27.551	0.566
774.000	5.745	34.896	27.512	0.594	829.000	5.477	34.904	27.551	0.584
775.000	5.742	34.896	27.512	0.575	830.000	5.473	34.904	27.552	0.564
776.000	5.734	34.896	27.513	0.579	831.000	5.467	34.904	27.553	0.509
777.000	5.726	34.897	27.515	0.563	832.000	5.464	34.904	27.553	0.510
778.000	5.722	34.897	27.515	0.539	833.000	5.458	34.904	27.554	0.565
779.000	5.713	34.897	27.517	0.564	834.000	5.453	34.905	27.555	0.594
780.000	5.705	34.897	27.518	0.599	835.000	5.441	34.905	27.556	0.590
781.000	5.699	34.897	27.518	0.590	836.000	5.432	34.906	27.558	0.612
782.000	5.694	34.898	27.519	0.617	837.000	5.432	34.905	27.558	0.576
783.000	5.688	34.898	27.520	0.565	838.000	5.429	34.905	27.558	0.558
784.000	5.684	34.898	27.521	0.586	839.000	5.426	34.905	27.559	0.555
785.000	5.681	34.898	27.521	0.601	840.000	5.419	34.906	27.560	0.553
786.000	5.674	34.898	27.522	0.564	841.000	5.417	34.906	27.560	0.507
787.000	5.665	34.899	27.524	0.548	842.000	5.413	34.906	27.561	0.518
788.000	5.657	34.899	27.525	0.563	843.000	5.408	34.906	27.561	0.548
789.000	5.645	34.899	27.526	0.565	844.000	5.405	34.906	27.562	0.539
790.000	5.639	34.899	27.527	0.547	845.000	5.404	34.906	27.562	0.573
791.000	5.635	34.899	27.528	0.512	846.000	5.399	34.906	27.563	0.534
792.000	5.633	34.899	27.528	0.549	847.000	5.394	34.906	27.563	0.595
793.000	5.624	34.899	27.529	0.578	848.000	5.390	34.906	27.564	0.614
794.000	5.615	34.900	27.531	0.606	849.000	5.386	34.907	27.565	0.599
795.000	5.611	34.900	27.531	0.624	850.000	5.381	34.907	27.565	0.572
796.000	5.608	34.900	27.532	0.645	851.000	5.375	34.907	27.566	0.519
797.000	5.604	34.900	27.532	0.616	852.000	5.373	34.907	27.567	0.528
798.000	5.601	34.900	27.533	0.597	853.000	5.369	34.908	27.567	0.569
799.000	5.600	34.900	27.533	0.574	854.000	5.362	34.908	27.568	0.564
800.000	5.599	34.900	27.533	0.585	855.000	5.357	34.908	27.569	0.558
801.000	5.597	34.900	27.533	0.580	856.000	5.356	34.908	27.569	0.554
802.000	5.590	34.900	27.534	0.571	857.000	5.354	34.908	27.569	0.544
803.000	5.587	34.900	27.535	0.588	858.000	5.352	34.908	27.569	0.586
804.000	5.583	34.901	27.535	0.566	859.000	5.351	34.908	27.570	0.548
805.000	5.580	34.900	27.536	0.564	860.000	5.350	34.908	27.570	0.605
806.000	5.575	34.901	27.537	0.580	861.000	5.344	34.908	27.571	0.572
807.000	5.572	34.901	27.537	0.608	862.000	5.339	34.908	27.572	0.576
808.000	5.570	34.901	27.537	0.627	863.000	5.336	34.909	27.572	0.585
809.000	5.569	34.901	27.538	0.668	864.000	5.331	34.909	27.573	0.572
810.000	5.566	34.901	27.538	0.652	865.000	5.328	34.909	27.573	0.595
811.000	5.562	34.901	27.539	0.592	866.000	5.327	34.909	27.573	0.620
812.000	5.558	34.901	27.539	0.575	867.000	5.326	34.909	27.574	0.573
813.000	5.555	34.901	27.540	0.566	868.000	5.324	34.909	27.574	0.562
814.000	5.547	34.902	27.541	0.541	869.000	5.318	34.909	27.575	0.522
815.000	5.541	34.902	27.542	0.545	870.000	5.313	34.909	27.576	0.567
816.000	5.537	34.902	27.542	0.532	871.000	5.308	34.909	27.576	0.613
817.000	5.531	34.902	27.543	0.491	872.000	5.301	34.910	27.577	0.577

873.000	5.296	34.910	27.578	0.594	928.000	5.085	34.919	27.610	0.595
874.000	5.289	34.910	27.579	0.602	929.000	5.079	34.919	27.611	0.601
875.000	5.286	34.911	27.580	0.604	930.000	5.074	34.919	27.612	0.590
876.000	5.281	34.911	27.580	0.594	931.000	5.071	34.919	27.612	0.537
877.000	5.278	34.911	27.581	0.577	932.000	5.066	34.919	27.613	0.503
878.000	5.275	34.911	27.582	0.580	933.000	5.061	34.920	27.614	0.529
879.000	5.271	34.911	27.582	0.571	934.000	5.059	34.920	27.614	0.534
880.000	5.265	34.912	27.583	0.579	935.000	5.058	34.920	27.615	0.550
881.000	5.256	34.912	27.584	0.536	936.000	5.055	34.920	27.615	0.546
882.000	5.249	34.912	27.586	0.520	937.000	5.049	34.920	27.616	0.573
883.000	5.247	34.912	27.586	0.558	938.000	5.043	34.920	27.617	0.576
884.000	5.245	34.912	27.586	0.561	939.000	5.041	34.921	27.617	0.559
885.000	5.245	34.912	27.586	0.550	940.000	5.040	34.921	27.617	0.581
886.000	5.240	34.912	27.587	0.544	941.000	5.038	34.921	27.617	0.601
887.000	5.238	34.912	27.587	0.579	942.000	5.034	34.921	27.618	0.568
888.000	5.237	34.912	27.587	0.588	943.000	5.031	34.921	27.619	0.557
889.000	5.237	34.912	27.587	0.592	944.000	5.030	34.921	27.619	0.528
890.000	5.235	34.912	27.587	0.574	945.000	5.027	34.921	27.619	0.566
891.000	5.234	34.912	27.587	0.576	946.000	5.025	34.921	27.620	0.533
892.000	5.233	34.912	27.588	0.550	947.000	5.024	34.921	27.619	0.546
893.000	5.229	34.913	27.588	0.564	948.000	5.024	34.921	27.620	0.603
894.000	5.223	34.913	27.589	0.563	949.000	5.022	34.921	27.620	0.594
895.000	5.219	34.913	27.590	0.573	950.000	5.020	34.921	27.620	0.598
896.000	5.210	34.914	27.591	0.612	951.000	5.017	34.922	27.621	0.599
897.000	5.203	34.914	27.593	0.578	952.000	5.012	34.922	27.621	0.546
898.000	5.194	34.914	27.594	0.584	953.000	5.010	34.922	27.622	0.564
899.000	5.187	34.915	27.595	0.621	954.000	5.008	34.922	27.622	0.570
900.000	5.182	34.915	27.596	0.587	955.000	5.004	34.922	27.623	0.529
901.000	5.179	34.915	27.596	0.588	956.000	5.001	34.922	27.623	0.525
902.000	5.174	34.915	27.597	0.556	957.000	4.998	34.922	27.623	0.574
903.000	5.168	34.916	27.598	0.551	958.000	4.993	34.923	27.624	0.513
904.000	5.166	34.916	27.598	0.532	959.000	4.989	34.923	27.625	0.518
905.000	5.167	34.915	27.597	0.585	960.000	4.983	34.923	27.626	0.551
906.000	5.153	34.916	27.600	0.548	961.000	4.977	34.924	27.627	0.553
907.000	5.151	34.916	27.601	0.531	962.000	4.977	34.924	27.627	0.585
908.000	5.148	34.916	27.601	0.501	963.000	4.978	34.924	27.627	0.610
909.000	5.146	34.916	27.601	0.576	964.000	4.975	34.923	27.627	0.616
910.000	5.143	34.916	27.601	0.587	965.000	4.973	34.924	27.628	0.610
911.000	5.138	34.917	27.602	0.586	966.000	4.970	34.924	27.628	0.564
912.000	5.136	34.917	27.603	0.630	967.000	4.963	34.924	27.629	0.579
913.000	5.134	34.917	27.603	0.614	968.000	4.963	34.924	27.629	0.587
914.000	5.125	34.917	27.604	0.566	969.000	4.960	34.924	27.629	0.526
915.000	5.122	34.917	27.605	0.543	970.000	4.957	34.924	27.630	0.503
916.000	5.118	34.917	27.605	0.562	971.000	4.955	34.925	27.630	0.514
917.000	5.115	34.917	27.606	0.578	972.000	4.953	34.925	27.631	0.518
918.000	5.113	34.918	27.606	0.555	973.000	4.950	34.924	27.631	0.550
919.000	5.110	34.917	27.606	0.507	974.000	4.945	34.925	27.632	0.557
920.000	5.106	34.918	27.607	0.463	975.000	4.944	34.925	27.632	0.527
921.000	5.102	34.918	27.608	0.541	976.000	4.941	34.925	27.632	0.558
922.000	5.098	34.918	27.608	0.583	977.000	4.937	34.925	27.633	0.574
923.000	5.094	34.918	27.609	0.594	978.000	4.933	34.925	27.634	0.576
924.000	5.091	34.918	27.609	0.617	979.000	4.929	34.926	27.634	0.574
925.000	5.091	34.918	27.609	0.624	980.000	4.924	34.926	27.635	0.578
926.000	5.087	34.918	27.610	0.606	981.000	4.918	34.926	27.636	0.598
927.000	5.086	34.919	27.610	0.593	982.000	4.915	34.926	27.636	0.584

983.000	4.913	34.926	27.637	0.552	1038.000	4.753	34.934	27.662	0.529
984.000	4.912	34.926	27.637	0.549	1039.000	4.750	34.935	27.662	0.503
985.000	4.910	34.926	27.637	0.528	1040.000	4.747	34.934	27.662	0.516
986.000	4.908	34.927	27.638	0.519	1041.000	4.745	34.934	27.663	0.583
987.000	4.904	34.927	27.638	0.523	1042.000	4.742	34.935	27.663	0.615
988.000	4.900	34.927	27.639	0.555	1043.000	4.740	34.935	27.663	0.618
989.000	4.894	34.927	27.640	0.608	1044.000	4.738	34.935	27.664	0.590
990.000	4.894	34.927	27.640	0.608	1045.000	4.736	34.935	27.664	0.549
991.000	4.893	34.927	27.640	0.616	1046.000	4.730	34.935	27.665	0.539
992.000	4.893	34.927	27.640	0.580	1047.000	4.727	34.935	27.665	0.523
993.000	4.892	34.927	27.640	0.543	1048.000	4.727	34.936	27.666	0.536
994.000	4.890	34.927	27.640	0.488	1049.000	4.724	34.936	27.666	0.536
995.000	4.885	34.928	27.641	0.514	1050.000	4.717	34.936	27.667	0.596
996.000	4.881	34.928	27.641	0.594	1051.000	4.715	34.936	27.667	0.582
997.000	4.874	34.928	27.643	0.552	1052.000	4.712	34.936	27.668	0.582
998.000	4.869	34.928	27.643	0.535	1053.000	4.709	34.937	27.668	0.541
999.000	4.864	34.929	27.644	0.525	1054.000	4.707	34.937	27.669	0.553
1000.000	4.861	34.929	27.645	0.551	1055.000	4.705	34.937	27.669	0.592
1001.000	4.855	34.929	27.646	0.614	1056.000	4.704	34.937	27.669	0.610
1002.000	4.851	34.930	27.646	0.622	1057.000	4.700	34.937	27.670	0.623
1003.000	4.847	34.930	27.647	0.596	1058.000	4.697	34.937	27.670	0.636
1004.000	4.846	34.930	27.647	0.607	1059.000	4.693	34.937	27.671	0.604
1005.000	4.846	34.930	27.647	0.536	1060.000	4.692	34.938	27.671	0.571
1006.000	4.841	34.930	27.648	0.560	1061.000	4.691	34.937	27.671	0.566
1007.000	4.837	34.930	27.649	0.555	1062.000	4.690	34.938	27.671	0.559
1008.000	4.835	34.930	27.649	0.573	1063.000	4.688	34.937	27.672	0.528
1009.000	4.833	34.930	27.649	0.527	1064.000	4.685	34.937	27.672	0.512
1010.000	4.829	34.930	27.650	0.515	1065.000	4.680	34.938	27.673	0.479
1011.000	4.826	34.931	27.650	0.495	1066.000	4.679	34.938	27.673	0.521
1012.000	4.825	34.931	27.650	0.481	1067.000	4.677	34.938	27.673	0.543
1013.000	4.822	34.931	27.651	0.503	1068.000	4.676	34.938	27.673	0.623
1014.000	4.817	34.931	27.652	0.576	1069.000	4.673	34.938	27.674	0.616
1015.000	4.815	34.931	27.652	0.580	1070.000	4.667	34.939	27.675	0.620
1016.000	4.813	34.931	27.652	0.587	1071.000	4.661	34.939	27.676	0.602
1017.000	4.812	34.931	27.652	0.595	1072.000	4.660	34.939	27.676	0.552
1018.000	4.809	34.931	27.653	0.572	1073.000	4.659	34.939	27.676	0.564
1019.000	4.806	34.931	27.653	0.564	1074.000	4.657	34.939	27.676	0.555
1020.000	4.804	34.932	27.654	0.543	1075.000	4.652	34.939	27.677	0.552
1021.000	4.801	34.932	27.654	0.565	1076.000	4.648	34.940	27.678	0.534
1022.000	4.795	34.932	27.655	0.562	1077.000	4.646	34.940	27.678	0.540
1023.000	4.792	34.932	27.656	0.559	1078.000	4.644	34.940	27.678	0.541
1024.000	4.790	34.932	27.656	0.515	1079.000	4.644	34.940	27.678	0.554
1025.000	4.786	34.933	27.656	0.489	1080.000	4.643	34.940	27.679	0.575
1026.000	4.782	34.933	27.657	0.492	1081.000	4.643	34.940	27.679	0.548
1027.000	4.781	34.933	27.657	0.558	1082.000	4.643	34.940	27.679	0.583
1028.000	4.779	34.933	27.657	0.649	1083.000	4.641	34.940	27.679	0.596
1029.000	4.777	34.933	27.658	0.686	1084.000	4.640	34.940	27.679	0.591
1030.000	4.773	34.933	27.658	0.682	1085.000	4.640	34.940	27.679	0.551
1031.000	4.771	34.933	27.659	0.633	1086.000	4.640	34.940	27.679	0.565
1032.000	4.768	34.933	27.659	0.631	1087.000	4.639	34.940	27.679	0.564
1033.000	4.764	34.934	27.660	0.604	1088.000	4.634	34.940	27.680	0.543
1034.000	4.761	34.934	27.660	0.596	1089.000	4.629	34.941	27.681	0.557
1035.000	4.756	34.934	27.661	0.550	1090.000	4.628	34.941	27.681	0.503
1036.000	4.755	34.934	27.661	0.583	1091.000	4.626	34.941	27.681	0.514
1037.000	4.754	34.934	27.661	0.570	1092.000	4.621	34.941	27.682	0.495

1093.000	4.618	34.941	27.683	0.511	1148.000	4.507	34.947	27.700	0.590
1094.000	4.615	34.941	27.683	0.541	1149.000	4.504	34.947	27.700	0.606
1095.000	4.615	34.942	27.683	0.593	1150.000	4.503	34.947	27.700	0.592
1096.000	4.613	34.941	27.683	0.605	1151.000	4.500	34.947	27.701	0.549
1097.000	4.609	34.942	27.684	0.554	1152.000	4.499	34.947	27.701	0.537
1098.000	4.605	34.942	27.685	0.543	1153.000	4.497	34.947	27.701	0.552
1099.000	4.600	34.942	27.685	0.538	1154.000	4.496	34.948	27.702	0.580
1100.000	4.596	34.942	27.686	0.533	1155.000	4.494	34.948	27.702	0.569
1101.000	4.594	34.942	27.686	0.544	1156.000	4.494	34.948	27.702	0.562
1102.000	4.593	34.942	27.686	0.527	1157.000	4.494	34.947	27.702	0.509
1103.000	4.591	34.943	27.687	0.542	1158.000	4.493	34.948	27.702	0.534
1104.000	4.589	34.943	27.687	0.523	1159.000	4.491	34.948	27.702	0.534
1105.000	4.587	34.943	27.687	0.590	1160.000	4.490	34.948	27.703	0.549
1106.000	4.586	34.943	27.687	0.575	1161.000	4.487	34.948	27.703	0.593
1107.000	4.585	34.943	27.688	0.547	1162.000	4.485	34.948	27.703	0.550
1108.000	4.583	34.943	27.688	0.582	1163.000	4.484	34.948	27.703	0.556
1109.000	4.582	34.943	27.688	0.600	1164.000	4.482	34.948	27.704	0.540
1110.000	4.580	34.943	27.688	0.578	1165.000	4.480	34.948	27.704	0.526
1111.000	4.578	34.943	27.689	0.580	1166.000	4.478	34.949	27.705	0.526
1112.000	4.577	34.943	27.689	0.575	1167.000	4.477	34.949	27.705	0.519
1113.000	4.575	34.943	27.689	0.569	1168.000	4.477	34.949	27.705	0.494
1114.000	4.574	34.943	27.689	0.554	1169.000	4.477	34.948	27.704	0.486
1115.000	4.573	34.943	27.689	0.578	1170.000	4.475	34.949	27.705	0.465
1116.000	4.572	34.944	27.690	0.570	1171.000	4.473	34.949	27.705	0.436
1117.000	4.571	34.943	27.690	0.521	1172.000	4.472	34.949	27.705	0.459
1118.000	4.570	34.943	27.690	0.501	1173.000	4.471	34.949	27.705	0.464
1119.000	4.567	34.943	27.690	0.466	1174.000	4.470	34.949	27.706	0.537
1120.000	4.564	34.944	27.691	0.546	1175.000	4.470	34.949	27.706	0.587
1121.000	4.563	34.944	27.691	0.590	1176.000	4.469	34.949	27.706	0.580
1122.000	4.562	34.944	27.691	0.588	1177.000	4.466	34.949	27.706	0.569
1123.000	4.561	34.944	27.691	0.579	1178.000	4.463	34.949	27.707	0.541
1124.000	4.558	34.944	27.692	0.549	1179.000	4.462	34.949	27.707	0.529
1125.000	4.554	34.945	27.693	0.540	1180.000	4.461	34.950	27.707	0.518
1126.000	4.552	34.944	27.693	0.555	1181.000	4.461	34.949	27.707	0.545
1127.000	4.550	34.945	27.693	0.551	1182.000	4.461	34.949	27.707	0.556
1128.000	4.548	34.945	27.694	0.566	1183.000	4.458	34.950	27.708	0.511
1129.000	4.546	34.945	27.694	0.551	1184.000	4.457	34.950	27.708	0.534
1130.000	4.544	34.945	27.694	0.557	1185.000	4.455	34.950	27.708	0.515
1131.000	4.543	34.945	27.694	0.562	1186.000	4.453	34.950	27.708	0.543
1132.000	4.541	34.945	27.695	0.543	1187.000	4.451	34.950	27.709	0.596
1133.000	4.539	34.945	27.695	0.537	1188.000	4.449	34.950	27.709	0.587
1134.000	4.537	34.945	27.695	0.568	1189.000	4.448	34.950	27.709	0.536
1135.000	4.536	34.945	27.695	0.604	1190.000	4.446	34.950	27.709	0.520
1136.000	4.535	34.945	27.695	0.597	1191.000	4.445	34.950	27.710	0.558
1137.000	4.534	34.945	27.696	0.577	1192.000	4.445	34.950	27.710	0.593
1138.000	4.531	34.946	27.696	0.580	1193.000	4.445	34.950	27.710	0.568
1139.000	4.529	34.946	27.697	0.569	1194.000	4.443	34.950	27.710	0.566
1140.000	4.529	34.945	27.696	0.532	1195.000	4.440	34.950	27.710	0.588
1141.000	4.526	34.946	27.697	0.532	1196.000	4.437	34.951	27.711	0.553
1142.000	4.522	34.946	27.698	0.530	1197.000	4.435	34.951	27.711	0.522
1143.000	4.518	34.946	27.698	0.557	1198.000	4.433	34.951	27.712	0.516
1144.000	4.515	34.947	27.699	0.558	1199.000	4.432	34.951	27.712	0.576
1145.000	4.512	34.947	27.699	0.567	1200.000	4.431	34.951	27.712	0.602
1146.000	4.511	34.947	27.699	0.545	1201.000	4.430	34.951	27.712	0.602
1147.000	4.510	34.947	27.699	0.567	1202.000	4.430	34.951	27.712	0.580

1203.000	4.429	34.951	27.712	0.557	1258.000	4.371	34.955	27.722	0.590
1204.000	4.429	34.951	27.712	0.559	1259.000	4.370	34.955	27.722	0.546
1205.000	4.429	34.951	27.712	0.554	1260.000	4.370	34.955	27.722	0.543
1206.000	4.428	34.951	27.712	0.530	1261.000	4.369	34.955	27.722	0.544
1207.000	4.427	34.951	27.712	0.491	1262.000	4.367	34.955	27.722	0.558
1208.000	4.425	34.951	27.713	0.516	1263.000	4.365	34.955	27.723	0.454
1209.000	4.425	34.951	27.713	0.531	1264.000	4.365	34.955	27.723	0.496
1210.000	4.424	34.952	27.713	0.504	1265.000	4.364	34.955	27.723	0.480
1211.000	4.424	34.952	27.713	0.497	1266.000	4.363	34.955	27.723	0.504
1212.000	4.423	34.951	27.713	0.539	1267.000	4.362	34.955	27.723	0.518
1213.000	4.422	34.951	27.713	0.582	1268.000	4.361	34.955	27.723	0.555
1214.000	4.420	34.952	27.714	0.612	1269.000	4.361	34.955	27.723	0.557
1215.000	4.418	34.952	27.714	0.606	1270.000	4.361	34.955	27.723	0.577
1216.000	4.417	34.952	27.714	0.585	1271.000	4.360	34.955	27.724	0.545
1217.000	4.415	34.952	27.715	0.546	1272.000	4.360	34.955	27.723	0.545
1218.000	4.415	34.952	27.715	0.493	1273.000	4.358	34.955	27.724	0.528
1219.000	4.415	34.952	27.714	0.534	1274.000	4.356	34.956	27.724	0.559
1220.000	4.415	34.952	27.715	0.547	1275.000	4.356	34.956	27.724	0.542
1221.000	4.414	34.952	27.715	0.539	1276.000	4.356	34.955	27.724	0.531
1222.000	4.413	34.952	27.715	0.574	1277.000	4.353	34.956	27.725	0.493
1223.000	4.412	34.952	27.715	0.519	1278.000	4.352	34.956	27.725	0.432
1224.000	4.411	34.952	27.715	0.496	1279.000	4.352	34.956	27.725	0.497
1225.000	4.409	34.952	27.715	0.493	1280.000	4.351	34.956	27.725	0.535
1226.000	4.407	34.952	27.716	0.537	1281.000	4.350	34.956	27.725	0.559
1227.000	4.406	34.953	27.716	0.596	1282.000	4.350	34.956	27.725	0.563
1228.000	4.404	34.953	27.716	0.623	1283.000	4.350	34.956	27.725	0.584
1229.000	4.403	34.953	27.716	0.591	1284.000	4.350	34.956	27.725	0.583
1230.000	4.402	34.953	27.717	0.556	1285.000	4.350	34.956	27.725	0.547
1231.000	4.401	34.953	27.717	0.558	1286.000	4.350	34.956	27.725	0.529
1232.000	4.401	34.953	27.717	0.572	1287.000	4.350	34.956	27.725	0.559
1233.000	4.400	34.953	27.717	0.525	1288.000	4.349	34.956	27.726	0.562
1234.000	4.400	34.953	27.717	0.533	1289.000	4.349	34.956	27.726	0.537
1235.000	4.400	34.953	27.717	0.561	1290.000	4.348	34.956	27.726	0.515
1236.000	4.398	34.953	27.717	0.550	1291.000	4.347	34.956	27.726	0.490
1237.000	4.397	34.953	27.718	0.509	1292.000	4.346	34.956	27.726	0.514
1238.000	4.394	34.953	27.718	0.505	1293.000	4.346	34.956	27.726	0.512
1239.000	4.392	34.953	27.718	0.490	1294.000	4.345	34.956	27.726	0.503
1240.000	4.391	34.954	27.719	0.568	1295.000	4.344	34.956	27.726	0.554
1241.000	4.389	34.954	27.719	0.612	1296.000	4.344	34.956	27.726	0.582
1242.000	4.389	34.954	27.719	0.582	1297.000	4.343	34.957	27.727	0.573
1243.000	4.389	34.953	27.719	0.544	1298.000	4.342	34.957	27.727	0.549
1244.000	4.388	34.954	27.719	0.521	1299.000	4.342	34.956	27.727	0.537
1245.000	4.387	34.954	27.719	0.523	1300.000	4.341	34.957	27.727	0.571
1246.000	4.385	34.954	27.719	0.515	1301.000	4.341	34.957	27.727	0.568
1247.000	4.384	34.954	27.719	0.520	1302.000	4.341	34.957	27.727	0.557
1248.000	4.383	34.954	27.720	0.529	1303.000	4.341	34.956	27.727	0.564
1249.000	4.382	34.954	27.720	0.524	1304.000	4.341	34.957	27.727	0.532
1250.000	4.382	34.954	27.720	0.530	1305.000	4.340	34.957	27.727	0.497
1251.000	4.381	34.954	27.720	0.470	1306.000	4.340	34.957	27.727	0.530
1252.000	4.380	34.954	27.720	0.496	1307.000	4.340	34.957	27.727	0.520
1253.000	4.378	34.954	27.721	0.526	1308.000	4.340	34.957	27.727	0.590
1254.000	4.376	34.954	27.721	0.537	1309.000	4.339	34.957	27.727	0.589
1255.000	4.375	34.954	27.721	0.599	1310.000	4.338	34.957	27.727	0.545
1256.000	4.373	34.954	27.721	0.598	1311.000	4.337	34.957	27.728	0.524
1257.000	4.371	34.954	27.722	0.596	1312.000	4.336	34.957	27.728	0.556



1313.000	4.335	34.957	27.728	0.566	1368.000	4.310	34.959	27.733	0.574
1314.000	4.335	34.957	27.728	0.564	1369.000	4.310	34.959	27.733	0.576
1315.000	4.334	34.957	27.728	0.559	1370.000	4.309	34.958	27.733	0.571
1316.000	4.334	34.957	27.728	0.563	1371.000	4.309	34.959	27.733	0.544
1317.000	4.334	34.957	27.728	0.555	1372.000	4.308	34.959	27.733	0.524
1318.000	4.333	34.957	27.728	0.518	1373.000	4.308	34.959	27.733	0.522
1319.000	4.333	34.957	27.728	0.507	1374.000	4.307	34.959	27.733	0.509
1320.000	4.333	34.957	27.728	0.486	1375.000	4.307	34.959	27.733	0.523
1321.000	4.332	34.957	27.728	0.510	1376.000	4.306	34.959	27.733	0.492
1322.000	4.332	34.957	27.729	0.498	1377.000	4.305	34.959	27.733	0.507
1323.000	4.331	34.957	27.729	0.523	1378.000	4.304	34.959	27.734	0.511
1324.000	4.330	34.957	27.729	0.587	1379.000	4.303	34.959	27.734	0.537
1325.000	4.330	34.957	27.729	0.590	1380.000	4.303	34.959	27.734	0.510
1326.000	4.328	34.958	27.729	0.592	1381.000	4.302	34.959	27.734	0.534
1327.000	4.328	34.957	27.729	0.561	1382.000	4.303	34.959	27.734	0.622
1328.000	4.327	34.958	27.729	0.514	1383.000	4.303	34.959	27.734	0.612
1329.000	4.327	34.958	27.729	0.511	1384.000	4.302	34.959	27.734	0.600
1330.000	4.326	34.958	27.730	0.585	1385.000	4.302	34.959	27.734	0.591
1331.000	4.326	34.958	27.730	0.539	1386.000	4.302	34.959	27.734	0.586
1332.000	4.325	34.958	27.730	0.520	1387.000	4.301	34.959	27.734	0.551
1333.000	4.325	34.958	27.730	0.533	1388.000	4.300	34.959	27.734	0.512
1334.000	4.324	34.958	27.730	0.595	1389.000	4.299	34.959	27.735	0.531
1335.000	4.323	34.958	27.730	0.546	1390.000	4.298	34.959	27.735	0.548
1336.000	4.323	34.958	27.730	0.529	1391.000	4.298	34.960	27.735	0.507
1337.000	4.323	34.958	27.730	0.572	1392.000	4.298	34.960	27.735	0.546
1338.000	4.323	34.958	27.730	0.590	1393.000	4.297	34.960	27.735	0.550
1339.000	4.321	34.958	27.730	0.581	1394.000	4.297	34.959	27.735	0.511
1340.000	4.320	34.958	27.731	0.587	1395.000	4.296	34.960	27.735	0.532
1341.000	4.320	34.958	27.731	0.591	1396.000	4.296	34.960	27.735	0.572
1342.000	4.320	34.958	27.731	0.570	1397.000	4.296	34.960	27.735	0.547
1343.000	4.319	34.958	27.731	0.546	1398.000	4.296	34.960	27.735	0.561
1344.000	4.318	34.958	27.731	0.548	1399.000	4.296	34.960	27.735	0.580
1345.000	4.318	34.958	27.731	0.549	1400.000	4.296	34.960	27.735	0.546
1346.000	4.317	34.958	27.731	0.537	1401.000	4.296	34.960	27.735	0.478
1347.000	4.317	34.958	27.731	0.519	1402.000	4.296	34.960	27.735	0.496
1348.000	4.317	34.958	27.731	0.562	1403.000	4.295	34.960	27.735	0.539
1349.000	4.317	34.958	27.731	0.597	1404.000	4.295	34.960	27.735	0.531
1350.000	4.317	34.958	27.731	0.551	1405.000	4.294	34.960	27.735	0.521
1351.000	4.316	34.958	27.731	0.549	1406.000	4.294	34.960	27.736	0.524
1352.000	4.315	34.958	27.732	0.579	1407.000	4.294	34.960	27.736	0.536
1353.000	4.314	34.958	27.732	0.569	1408.000	4.293	34.960	27.736	0.526
1354.000	4.314	34.958	27.732	0.554	1409.000	4.293	34.960	27.736	0.547
1355.000	4.314	34.958	27.732	0.530	1410.000	4.291	34.960	27.736	0.588
1356.000	4.313	34.958	27.732	0.509	1411.000	4.290	34.960	27.736	0.626
1357.000	4.314	34.958	27.732	0.508	1412.000	4.290	34.960	27.736	0.576
1358.000	4.314	34.958	27.732	0.545	1413.000	4.290	34.960	27.736	0.517
1359.000	4.313	34.958	27.732	0.550	1414.000	4.290	34.960	27.736	0.503
1360.000	4.313	34.958	27.732	0.549	1415.000	4.289	34.960	27.736	0.502
1361.000	4.313	34.959	27.732	0.535	1416.000	4.289	34.960	27.736	0.524
1362.000	4.313	34.958	27.732	0.530	1417.000	4.289	34.960	27.736	0.528
1363.000	4.313	34.958	27.732	0.518	1418.000	4.289	34.960	27.736	0.523
1364.000	4.312	34.958	27.732	0.548	1419.000	4.289	34.960	27.736	0.529
1365.000	4.312	34.959	27.732	0.539	1420.000	4.288	34.960	27.737	0.517
1366.000	4.311	34.958	27.732	0.525	1421.000	4.287	34.960	27.737	0.450
1367.000	4.310	34.959	27.733	0.548	1422.000	4.287	34.960	27.737	0.517

1423.000	4.287	34.960	27.736	0.528	1478.000	4.273	34.961	27.740	0.544
1424.000	4.286	34.960	27.737	0.549	1479.000	4.273	34.961	27.740	0.532
1425.000	4.286	34.960	27.737	0.607	1480.000	4.273	34.961	27.740	0.523
1426.000	4.286	34.960	27.737	0.626	1481.000	4.272	34.962	27.740	0.534
1427.000	4.286	34.960	27.737	0.597	1482.000	4.272	34.962	27.740	0.493
1428.000	4.286	34.960	27.737	0.601	1483.000	4.272	34.961	27.740	0.520
1429.000	4.285	34.960	27.737	0.579	1484.000	4.272	34.961	27.740	0.577
1430.000	4.285	34.960	27.737	0.550	1485.000	4.272	34.961	27.740	0.585
1431.000	4.285	34.961	27.737	0.518	1486.000	4.272	34.962	27.740	0.593
1432.000	4.285	34.960	27.737	0.499	1487.000	4.272	34.961	27.740	0.556
1433.000	4.285	34.960	27.737	0.540	1488.000	4.272	34.961	27.740	0.559
1434.000	4.284	34.960	27.737	0.539	1489.000	4.272	34.961	27.740	0.553
1435.000	4.284	34.960	27.737	0.537	1490.000	4.272	34.961	27.740	0.565
1436.000	4.284	34.960	27.737	0.495	1491.000	4.272	34.961	27.740	0.526
1437.000	4.284	34.960	27.737	0.484	1492.000	4.272	34.961	27.740	0.514
1438.000	4.284	34.960	27.737	0.525	1493.000	4.271	34.962	27.740	0.513
1439.000	4.284	34.960	27.737	0.516	1494.000	4.271	34.961	27.740	0.528
1440.000	4.283	34.960	27.737	0.562	1495.000	4.271	34.961	27.740	0.537
1441.000	4.282	34.961	27.738	0.588	1496.000	4.271	34.962	27.740	0.456
1442.000	4.282	34.960	27.738	0.551	1497.000	4.270	34.962	27.740	0.480
1443.000	4.282	34.961	27.738	0.580	1498.000	4.270	34.962	27.740	0.518
1444.000	4.282	34.960	27.738	0.590	1499.000	4.270	34.962	27.740	0.544
1445.000	4.281	34.961	27.738	0.575	1500.000	4.270	34.962	27.741	0.532
1446.000	4.281	34.961	27.738	0.540	1501.000	4.270	34.962	27.740	0.561
1447.000	4.281	34.961	27.738	0.517	1502.000	4.270	34.962	27.740	0.553
1448.000	4.281	34.961	27.738	0.513	1503.000	4.270	34.962	27.741	0.517
1449.000	4.280	34.961	27.738	0.523	1504.000	4.269	34.962	27.741	0.546
1450.000	4.280	34.961	27.738	0.530	1505.000	4.269	34.962	27.740	0.533
1451.000	4.280	34.961	27.738	0.516	1506.000	4.269	34.961	27.740	0.567
1452.000	4.279	34.961	27.738	0.484	1507.000	4.269	34.962	27.741	0.547
1453.000	4.279	34.961	27.738	0.490	1508.000	4.269	34.962	27.741	0.518
1454.000	4.279	34.961	27.738	0.531	1509.000	4.269	34.962	27.741	0.546
1455.000	4.279	34.961	27.738	0.570	1510.000	4.268	34.962	27.741	0.559
1456.000	4.278	34.961	27.739	0.557	1511.000	4.268	34.962	27.741	0.545
1457.000	4.278	34.961	27.739	0.548	1512.000	4.268	34.962	27.741	0.528
1458.000	4.278	34.961	27.739	0.549	1513.000	4.268	34.962	27.741	0.540
1459.000	4.278	34.961	27.739	0.542	1514.000	4.268	34.961	27.741	0.511
1460.000	4.277	34.961	27.739	0.529	1515.000	4.268	34.962	27.741	0.533
1461.000	4.277	34.961	27.739	0.534	1516.000	4.268	34.962	27.741	0.575
1462.000	4.277	34.961	27.739	0.530	1517.000	4.267	34.962	27.741	0.588
1463.000	4.276	34.961	27.739	0.539	1518.000	4.267	34.962	27.741	0.569
1464.000	4.276	34.961	27.739	0.510	1519.000	4.267	34.962	27.741	0.560
1465.000	4.276	34.961	27.739	0.438	1520.000	4.266	34.962	27.741	0.538
1466.000	4.276	34.961	27.739	0.496	1521.000	4.266	34.962	27.741	0.534
1467.000	4.276	34.961	27.739	0.529	1522.000	4.266	34.962	27.741	0.540
1468.000	4.276	34.961	27.739	0.522	1523.000	4.266	34.962	27.741	0.521
1469.000	4.275	34.961	27.739	0.588	1524.000	4.266	34.962	27.741	0.517
1470.000	4.275	34.961	27.739	0.580	1525.000	4.266	34.962	27.742	0.490
1471.000	4.275	34.961	27.739	0.530	1526.000	4.266	34.962	27.741	0.473
1472.000	4.275	34.961	27.739	0.573	1527.000	4.266	34.962	27.742	0.466
1473.000	4.275	34.961	27.739	0.551	1528.000	4.265	34.962	27.742	0.514
1474.000	4.275	34.961	27.739	0.545	1529.000	4.265	34.962	27.742	0.498
1475.000	4.275	34.961	27.739	0.509	1530.000	4.265	34.962	27.742	0.493
1476.000	4.275	34.961	27.739	0.523	1531.000	4.265	34.962	27.742	0.498
1477.000	4.274	34.961	27.740	0.505	1532.000	4.264	34.962	27.742	0.547

1533.000	4.264	34.962	27.742	0.536	1588.000	4.255	34.963	27.744	0.492
1534.000	4.264	34.962	27.742	0.539	1589.000	4.255	34.963	27.744	0.540
1535.000	4.263	34.962	27.742	0.549	1590.000	4.255	34.963	27.744	0.538
1536.000	4.263	34.962	27.742	0.542	1591.000	4.255	34.963	27.744	0.496
1537.000	4.262	34.962	27.742	0.529	1592.000	4.255	34.963	27.744	0.507
1538.000	4.262	34.962	27.742	0.508	1593.000	4.255	34.963	27.744	0.497
1539.000	4.263	34.962	27.742	0.551	1594.000	4.255	34.963	27.744	0.521
1540.000	4.262	34.962	27.742	0.560	1595.000	4.255	34.963	27.744	0.572
1541.000	4.262	34.962	27.742	0.554	1596.000	4.255	34.963	27.744	0.599
1542.000	4.262	34.963	27.742	0.505	1597.000	4.255	34.963	27.744	0.580
1543.000	4.262	34.962	27.742	0.464	1598.000	4.254	34.964	27.745	0.555
1544.000	4.262	34.962	27.742	0.509	1599.000	4.254	34.963	27.744	0.572
1545.000	4.261	34.963	27.743	0.507	1600.000	4.254	34.963	27.744	0.618
1546.000	4.261	34.962	27.743	0.519	1601.000	4.254	34.963	27.745	0.576
1547.000	4.261	34.963	27.743	0.528	1602.000	4.255	34.963	27.744	0.522
1548.000	4.261	34.963	27.743	0.557	1603.000	4.255	34.963	27.744	0.527
1549.000	4.261	34.963	27.743	0.561	1604.000	4.255	34.963	27.744	0.520
1550.000	4.261	34.962	27.743	0.574	1605.000	4.255	34.963	27.744	0.522
1551.000	4.260	34.963	27.743	0.545	1606.000	4.254	34.963	27.745	0.540
1552.000	4.260	34.963	27.743	0.503	1607.000	4.254	34.963	27.744	0.528
1553.000	4.260	34.963	27.743	0.512	1608.000	4.254	34.963	27.744	0.495
1554.000	4.260	34.963	27.743	0.553	1609.000	4.254	34.964	27.745	0.514
1555.000	4.260	34.963	27.743	0.528	1610.000	4.254	34.964	27.745	0.503
1556.000	4.260	34.963	27.743	0.549	1611.000	4.254	34.964	27.745	0.507
1557.000	4.259	34.963	27.743	0.508	1612.000	4.254	34.963	27.745	0.504
1558.000	4.259	34.963	27.743	0.498	1613.000	4.253	34.964	27.745	0.561
1559.000	4.259	34.963	27.743	0.516	1614.000	4.253	34.963	27.745	0.585
1560.000	4.259	34.963	27.743	0.513	1615.000	4.253	34.964	27.745	0.537
1561.000	4.259	34.963	27.743	0.497	1616.000	4.253	34.964	27.745	0.563
1562.000	4.259	34.963	27.743	0.522	1617.000	4.253	34.964	27.745	0.570
1563.000	4.259	34.963	27.743	0.588	1618.000	4.253	34.964	27.745	0.544
1564.000	4.259	34.963	27.743	0.567	1619.000	4.253	34.964	27.745	0.536
1565.000	4.258	34.963	27.743	0.530	1620.000	4.253	34.964	27.745	0.526
1566.000	4.258	34.963	27.743	0.514	1621.000	4.253	34.964	27.745	0.535
1567.000	4.258	34.963	27.743	0.533	1622.000	4.253	34.964	27.745	0.472
1568.000	4.258	34.963	27.743	0.532	1623.000	4.253	34.964	27.745	0.505
1569.000	4.258	34.963	27.744	0.534	1624.000	4.253	34.963	27.745	0.454
1570.000	4.258	34.963	27.743	0.531	1625.000	4.253	34.964	27.745	0.467
1571.000	4.258	34.963	27.743	0.520	1626.000	4.252	34.964	27.745	0.509
1572.000	4.258	34.963	27.743	0.502	1627.000	4.252	34.964	27.745	0.532
1573.000	4.257	34.963	27.744	0.485	1628.000	4.252	34.964	27.745	0.537
1574.000	4.257	34.963	27.744	0.473	1629.000	4.253	34.963	27.745	0.565
1575.000	4.257	34.963	27.744	0.479	1630.000	4.252	34.964	27.745	0.577
1576.000	4.257	34.963	27.743	0.533	1631.000	4.252	34.964	27.745	0.561
1577.000	4.256	34.963	27.744	0.496	1632.000	4.252	34.964	27.745	0.509
1578.000	4.257	34.963	27.744	0.527	1633.000	4.252	34.964	27.745	0.532
1579.000	4.257	34.963	27.744	0.551	1634.000	4.252	34.964	27.745	0.564
1580.000	4.256	34.963	27.744	0.573	1635.000	4.252	34.964	27.745	0.524
1581.000	4.256	34.963	27.744	0.570	1636.000	4.252	34.964	27.745	0.550
1582.000	4.256	34.963	27.744	0.550	1637.000	4.252	34.964	27.745	0.518
1583.000	4.255	34.963	27.744	0.548	1638.000	4.252	34.964	27.746	0.483
1584.000	4.255	34.963	27.744	0.527	1639.000	4.251	34.964	27.746	0.500
1585.000	4.255	34.963	27.744	0.534	1640.000	4.251	34.964	27.745	0.509
1586.000	4.255	34.963	27.744	0.523	1641.000	4.251	34.964	27.746	0.483
1587.000	4.255	34.963	27.744	0.467	1642.000	4.251	34.964	27.746	0.439

1643.000	4.251	34.964	27.746	0.497	1698.000	4.249	34.964	27.747	0.495
1644.000	4.251	34.964	27.746	0.547	1699.000	4.249	34.964	27.747	0.543
1645.000	4.251	34.964	27.746	0.519	1700.000	4.249	34.964	27.747	0.574
1646.000	4.251	34.964	27.746	0.491	1701.000	4.249	34.964	27.747	0.617
1647.000	4.251	34.964	27.746	0.536	1702.000	4.249	34.964	27.747	0.614
1648.000	4.251	34.964	27.746	0.563	1703.000	4.249	34.964	27.747	0.594
1649.000	4.251	34.964	27.746	0.599	1704.000	4.248	34.965	27.747	0.547
1650.000	4.251	34.964	27.746	0.573	1705.000	4.248	34.964	27.747	0.527
1651.000	4.251	34.964	27.746	0.547	1706.000	4.248	34.964	27.747	0.539
1652.000	4.251	34.964	27.746	0.532	1707.000	4.248	34.964	27.747	0.543
1653.000	4.251	34.964	27.746	0.508	1708.000	4.248	34.965	27.747	0.535
1654.000	4.251	34.964	27.746	0.503	1709.000	4.248	34.965	27.747	0.478
1655.000	4.251	34.964	27.746	0.497	1710.000	4.248	34.964	27.747	0.488
1656.000	4.251	34.964	27.746	0.541	1711.000	4.248	34.964	27.747	0.512
1657.000	4.250	34.964	27.746	0.523	1712.000	4.247	34.965	27.747	0.493
1658.000	4.250	34.964	27.746	0.478	1713.000	4.247	34.965	27.747	0.512
1659.000	4.251	34.964	27.746	0.499	1714.000	4.247	34.965	27.747	0.540
1660.000	4.250	34.964	27.746	0.563	1715.000	4.247	34.964	27.747	0.511
1661.000	4.250	34.964	27.746	0.575	1716.000	4.247	34.964	27.747	0.487
1662.000	4.250	34.964	27.746	0.557	1717.000	4.247	34.964	27.747	0.486
1663.000	4.250	34.964	27.746	0.540	1718.000	4.247	34.964	27.747	0.561
1664.000	4.250	34.964	27.746	0.552	1719.000	4.247	34.965	27.747	0.577
1665.000	4.250	34.964	27.746	0.532	1720.000	4.247	34.965	27.747	0.608
1666.000	4.250	34.964	27.746	0.520	1721.000	4.247	34.965	27.747	0.561
1667.000	4.250	34.964	27.746	0.534	1722.000	4.246	34.965	27.747	0.554
1668.000	4.251	34.964	27.746	0.514	1723.000	4.246	34.965	27.747	0.539
1669.000	4.250	34.964	27.746	0.555	1724.000	4.246	34.965	27.747	0.536
1670.000	4.250	34.964	27.746	0.558	1725.000	4.246	34.965	27.747	0.533
1671.000	4.250	34.964	27.746	0.555	1726.000	4.246	34.965	27.748	0.501
1672.000	4.250	34.964	27.746	0.532	1727.000	4.246	34.965	27.747	0.531
1673.000	4.250	34.964	27.746	0.558	1728.000	4.246	34.965	27.748	0.515
1674.000	4.250	34.964	27.747	0.554	1729.000	4.246	34.965	27.748	0.514
1675.000	4.250	34.964	27.746	0.566	1730.000	4.246	34.965	27.748	0.521
1676.000	4.250	34.964	27.747	0.544	1731.000	4.246	34.965	27.748	0.509
1677.000	4.250	34.964	27.746	0.515	1732.000	4.246	34.965	27.748	0.497
1678.000	4.250	34.964	27.746	0.516	1733.000	4.246	34.965	27.748	0.562
1679.000	4.250	34.964	27.746	0.509	1734.000	4.245	34.965	27.748	0.519
1680.000	4.249	34.964	27.747	0.536	1735.000	4.245	34.965	27.748	0.499
1681.000	4.249	34.964	27.747	0.544	1736.000	4.245	34.965	27.748	0.536
1682.000	4.249	34.964	27.747	0.572	1737.000	4.245	34.965	27.748	0.567
1683.000	4.249	34.964	27.747	0.582	1738.000	4.245	34.965	27.748	0.583
1684.000	4.249	34.964	27.747	0.543	1739.000	4.245	34.965	27.748	0.558
1685.000	4.249	34.964	27.747	0.517	1740.000	4.245	34.965	27.748	0.527
1686.000	4.249	34.964	27.747	0.518	1741.000	4.245	34.965	27.748	0.508
1687.000	4.249	34.964	27.747	0.508	1742.000	4.245	34.965	27.748	0.515
1688.000	4.249	34.964	27.747	0.532	1743.000	4.245	34.965	27.748	0.522
1689.000	4.249	34.964	27.747	0.552	1744.000	4.245	34.965	27.748	0.503
1690.000	4.249	34.964	27.747	0.547	1745.000	4.245	34.965	27.748	0.525
1691.000	4.249	34.965	27.747	0.509	1746.000	4.245	34.965	27.748	0.516
1692.000	4.249	34.964	27.747	0.483	1747.000	4.245	34.965	27.748	0.515
1693.000	4.249	34.964	27.747	0.494	1748.000	4.245	34.965	27.748	0.496
1694.000	4.249	34.964	27.747	0.530	1749.000	4.245	34.965	27.748	0.504
1695.000	4.249	34.964	27.747	0.574	1750.000	4.245	34.965	27.748	0.472
1696.000	4.249	34.964	27.747	0.564	1751.000	4.245	34.965	27.748	0.482
1697.000	4.249	34.964	27.747	0.538	1752.000	4.245	34.965	27.748	0.579

1753.000	4.245	34.965	27.748	0.570	1808.000	4.244	34.965	27.749	0.534
1754.000	4.245	34.965	27.748	0.548	1809.000	4.244	34.965	27.749	0.506
1755.000	4.245	34.965	27.748	0.582	1810.000	4.244	34.965	27.749	0.523
1756.000	4.245	34.965	27.748	0.608	1811.000	4.244	34.965	27.749	0.511
1757.000	4.245	34.965	27.748	0.616	1812.000	4.244	34.965	27.749	0.539
1758.000	4.245	34.965	27.748	0.568	1813.000	4.244	34.965	27.749	0.551
1759.000	4.245	34.965	27.748	0.552	1814.000	4.244	34.965	27.749	0.562
1760.000	4.245	34.965	27.748	0.549	1815.000	4.244	34.965	27.749	0.592
1761.000	4.245	34.965	27.748	0.537	1816.000	4.244	34.965	27.749	0.576
1762.000	4.245	34.965	27.748	0.541	1817.000	4.244	34.965	27.749	0.572
1763.000	4.245	34.965	27.748	0.509	1818.000	4.244	34.965	27.749	0.509
1764.000	4.245	34.965	27.749	0.529	1819.000	4.245	34.965	27.749	0.525
1765.000	4.245	34.965	27.748	0.532	1820.000	4.244	34.965	27.749	0.550
1766.000	4.245	34.965	27.748	0.531	1821.000	4.244	34.965	27.750	0.524
1767.000	4.245	34.965	27.749	0.532	1822.000	4.244	34.965	27.750	0.523
1768.000	4.245	34.965	27.749	0.504	1823.000	4.244	34.965	27.750	0.548
1769.000	4.245	34.965	27.748	0.528	1824.000	4.244	34.965	27.750	0.543
1770.000	4.245	34.965	27.749	0.550	1825.000	4.244	34.965	27.749	0.532
1771.000	4.244	34.965	27.749	0.496	1826.000	4.244	34.965	27.750	0.531
1772.000	4.244	34.965	27.749	0.520	1827.000	4.244	34.965	27.749	0.487
1773.000	4.244	34.965	27.749	0.569	1828.000	4.244	34.965	27.750	0.461
1774.000	4.245	34.965	27.749	0.563	1829.000	4.244	34.965	27.750	0.535
1775.000	4.245	34.965	27.749	0.564	1830.000	4.244	34.965	27.750	0.542
1776.000	4.245	34.965	27.749	0.533	1831.000	4.244	34.965	27.750	0.511
1777.000	4.244	34.965	27.749	0.520	1832.000	4.244	34.965	27.750	0.514
1778.000	4.245	34.965	27.749	0.501	1833.000	4.244	34.965	27.750	0.540
1779.000	4.245	34.965	27.749	0.501	1834.000	4.244	34.965	27.750	0.577
1780.000	4.245	34.965	27.749	0.527	1835.000	4.244	34.965	27.750	0.600
1781.000	4.245	34.965	27.749	0.531	1836.000	4.244	34.965	27.750	0.578
1782.000	4.244	34.965	27.749	0.499	1837.000	4.244	34.965	27.750	0.525
1783.000	4.244	34.965	27.749	0.511	1838.000	4.243	34.966	27.750	0.539
1784.000	4.244	34.965	27.749	0.557	1839.000	4.244	34.965	27.750	0.529
1785.000	4.245	34.965	27.749	0.577	1840.000	4.244	34.965	27.750	0.509
1786.000	4.245	34.965	27.749	0.542	1841.000	4.244	34.966	27.750	0.484
1787.000	4.245	34.965	27.749	0.463	1842.000	4.244	34.966	27.750	0.525
1788.000	4.245	34.965	27.749	0.490	1843.000	4.244	34.966	27.750	0.506
1789.000	4.245	34.965	27.749	0.493	1844.000	4.244	34.965	27.750	0.482
1790.000	4.244	34.965	27.749	0.499	1845.000	4.244	34.965	27.750	0.476
1791.000	4.244	34.965	27.749	0.484	1846.000	4.244	34.966	27.750	0.478
1792.000	4.244	34.965	27.749	0.495	1847.000	4.244	34.965	27.750	0.487
1793.000	4.244	34.965	27.749	0.521	1848.000	4.244	34.965	27.750	0.525
1794.000	4.244	34.965	27.749	0.580	1849.000	4.244	34.966	27.750	0.483
1795.000	4.244	34.965	27.749	0.616	1850.000	4.244	34.965	27.750	0.480
1796.000	4.244	34.965	27.749	0.581	1851.000	4.244	34.965	27.750	0.500
1797.000	4.244	34.965	27.749	0.546	1852.000	4.244	34.965	27.750	0.542
1798.000	4.244	34.965	27.749	0.510	1853.000	4.244	34.965	27.750	0.559
1799.000	4.244	34.965	27.749	0.549	1854.000	4.244	34.965	27.750	0.573
1800.000	4.244	34.965	27.749	0.558	1855.000	4.244	34.965	27.750	0.606
1801.000	4.244	34.965	27.749	0.567	1856.000	4.244	34.965	27.750	0.576
1802.000	4.244	34.965	27.749	0.558	1857.000	4.244	34.966	27.750	0.563
1803.000	4.244	34.965	27.749	0.545	1858.000	4.244	34.966	27.750	0.557
1804.000	4.244	34.965	27.749	0.568	1859.000	4.245	34.965	27.750	0.496
1805.000	4.244	34.965	27.749	0.535	1860.000	4.245	34.965	27.750	0.481
1806.000	4.244	34.965	27.749	0.503	1861.000	4.245	34.966	27.750	0.507
1807.000	4.244	34.965	27.749	0.528	1862.000	4.245	34.966	27.750	0.526

1863.000	4.245	34.966	27.750	0.544	1918.000	4.244	34.966	27.751	0.590
1864.000	4.245	34.965	27.750	0.554	1919.000	4.244	34.966	27.751	0.562
1865.000	4.244	34.966	27.750	0.524	1920.000	4.244	34.966	27.751	0.531
1866.000	4.245	34.966	27.750	0.479	1921.000	4.244	34.966	27.751	0.530
1867.000	4.245	34.966	27.750	0.487	1922.000	4.244	34.966	27.751	0.520
1868.000	4.245	34.966	27.750	0.504	1923.000	4.244	34.966	27.751	0.523
1869.000	4.245	34.966	27.750	0.461	1924.000	4.244	34.966	27.751	0.539
1870.000	4.245	34.966	27.750	0.484	1925.000	4.245	34.966	27.751	0.512
1871.000	4.244	34.966	27.750	0.516	1926.000	4.244	34.966	27.751	0.510
1872.000	4.244	34.966	27.750	0.509	1927.000	4.244	34.966	27.751	0.557
1873.000	4.245	34.966	27.750	0.515	1928.000	4.245	34.966	27.751	0.553
1874.000	4.244	34.966	27.750	0.535	1929.000	4.245	34.966	27.751	0.533
1875.000	4.244	34.966	27.750	0.538	1930.000	4.245	34.966	27.751	0.529
1876.000	4.244	34.966	27.750	0.556	1931.000	4.245	34.966	27.751	0.509
1877.000	4.244	34.966	27.750	0.549	1932.000	4.245	34.966	27.751	0.507
1878.000	4.244	34.966	27.750	0.512	1933.000	4.245	34.966	27.751	0.476
1879.000	4.244	34.966	27.750	0.511	1934.000	4.245	34.966	27.751	0.510
1880.000	4.244	34.966	27.750	0.543	1935.000	4.245	34.966	27.751	0.547
1881.000	4.244	34.966	27.750	0.562	1936.000	4.245	34.966	27.751	0.518
1882.000	4.244	34.966	27.750	0.532	1937.000	4.245	34.966	27.751	0.463
1883.000	4.244	34.966	27.750	0.491	1938.000	4.245	34.966	27.751	0.473
1884.000	4.244	34.966	27.750	0.521	1939.000	4.245	34.966	27.751	0.515
1885.000	4.244	34.966	27.750	0.497	1940.000	4.245	34.966	27.751	0.578
1886.000	4.245	34.965	27.750	0.483	1941.000	4.245	34.966	27.751	0.552
1887.000	4.244	34.966	27.751	0.514	1942.000	4.245	34.966	27.751	0.513
1888.000	4.244	34.966	27.751	0.513	1943.000	4.245	34.966	27.751	0.495
1889.000	4.244	34.966	27.751	0.515	1944.000	4.245	34.966	27.751	0.437
1890.000	4.244	34.966	27.750	0.509	1945.000	4.245	34.966	27.751	0.426
1891.000	4.244	34.966	27.750	0.548	1946.000	4.245	34.966	27.751	0.504
1892.000	4.244	34.966	27.751	0.555	1947.000	4.245	34.966	27.751	0.468
1893.000	4.244	34.966	27.751	0.597	1948.000	4.245	34.966	27.751	0.454
1894.000	4.244	34.966	27.751	0.568	1949.000	4.245	34.966	27.751	0.481
1895.000	4.244	34.966	27.750	0.567	1950.000	4.245	34.966	27.751	0.488
1896.000	4.244	34.966	27.750	0.546	1951.000	4.245	34.966	27.751	0.504
1897.000	4.244	34.966	27.751	0.514	1952.000	4.245	34.966	27.751	0.489
1898.000	4.244	34.966	27.751	0.562	1953.000	4.245	34.966	27.751	0.496
1899.000	4.244	34.966	27.751	0.566	1954.000	4.245	34.966	27.751	0.513
1900.000	4.244	34.966	27.751	0.523	1955.000	4.245	34.966	27.751	0.503
1901.000	4.244	34.966	27.751	0.555	1956.000	4.245	34.966	27.751	0.480
1902.000	4.245	34.966	27.751	0.508	1957.000	4.245	34.966	27.752	0.490
1903.000	4.245	34.966	27.751	0.525	1958.000	4.245	34.966	27.752	0.512
1904.000	4.245	34.966	27.750	0.539	1959.000	4.245	34.966	27.751	0.518
1905.000	4.244	34.966	27.751	0.507	1960.000	4.245	34.966	27.751	0.547
1906.000	4.244	34.966	27.751	0.516	1961.000	4.245	34.966	27.751	0.528
1907.000	4.244	34.966	27.751	0.533	1962.000	4.245	34.966	27.752	0.537
1908.000	4.244	34.966	27.751	0.520	1963.000	4.245	34.966	27.752	0.489
1909.000	4.244	34.966	27.751	0.518	1964.000	4.245	34.966	27.752	0.557
1910.000	4.244	34.966	27.751	0.479	1965.000	4.245	34.966	27.751	0.553
1911.000	4.244	34.966	27.751	0.480	1966.000	4.245	34.966	27.751	0.553
1912.000	4.244	34.966	27.751	0.493	1967.000	4.245	34.966	27.752	0.500
1913.000	4.244	34.966	27.751	0.499	1968.000	4.245	34.966	27.752	0.513
1914.000	4.244	34.966	27.751	0.557	1969.000	4.245	34.966	27.752	0.536
1915.000	4.244	34.966	27.751	0.585	1970.000	4.245	34.966	27.751	0.518
1916.000	4.244	34.966	27.751	0.569	1971.000	4.245	34.966	27.751	0.518
1917.000	4.244	34.966	27.751	0.579	1972.000	4.245	34.966	27.752	0.524

1973.000	4.245	34.966	27.752	0.520	2028.000	4.246	34.966	27.752	0.550
1974.000	4.245	34.966	27.752	0.483	2029.000	4.247	34.966	27.752	0.554
1975.000	4.245	34.966	27.752	0.505	2030.000	4.247	34.966	27.752	0.530
1976.000	4.245	34.966	27.752	0.476	2031.000	4.246	34.967	27.753	0.544
1977.000	4.245	34.966	27.752	0.443	2032.000	4.247	34.966	27.752	0.553
1978.000	4.245	34.966	27.752	0.517	2033.000	4.247	34.966	27.752	0.542
1979.000	4.245	34.966	27.752	0.579	2034.000	4.247	34.967	27.753	0.529
1980.000	4.245	34.966	27.752	0.561	2035.000	4.247	34.967	27.753	0.552
1981.000	4.245	34.966	27.752	0.503	2036.000	4.247	34.967	27.753	0.552
1982.000	4.245	34.966	27.752	0.494	2037.000	4.247	34.966	27.752	0.546
1983.000	4.245	34.966	27.752	0.490	2038.000	4.247	34.967	27.753	0.543
1984.000	4.245	34.966	27.752	0.523	2039.000	4.247	34.967	27.753	0.529
1985.000	4.245	34.966	27.752	0.541	2040.000	4.247	34.967	27.753	0.475
1986.000	4.245	34.966	27.752	0.568	2041.000	4.247	34.967	27.753	0.494
1987.000	4.245	34.966	27.752	0.554	2042.000	4.247	34.967	27.753	0.530
1988.000	4.245	34.966	27.752	0.534	2043.000	4.247	34.967	27.753	0.502
1989.000	4.245	34.966	27.752	0.525	2044.000	4.247	34.966	27.752	0.485
1990.000	4.245	34.966	27.752	0.539	2045.000	4.247	34.966	27.752	0.512
1991.000	4.245	34.966	27.752	0.539	2046.000	4.247	34.967	27.753	0.493
1992.000	4.245	34.966	27.752	0.538	2047.000	4.248	34.967	27.753	0.510
1993.000	4.245	34.966	27.752	0.513	2048.000	4.248	34.967	27.752	0.502
1994.000	4.245	34.966	27.752	0.514	2049.000	4.248	34.967	27.753	0.486
1995.000	4.245	34.966	27.752	0.518	2050.000	4.248	34.967	27.753	0.480
1996.000	4.245	34.966	27.752	0.518	2051.000	4.248	34.967	27.753	0.490
1997.000	4.245	34.967	27.752	0.543	2052.000	4.248	34.966	27.752	0.487
1998.000	4.245	34.966	27.752	0.507	2053.000	4.248	34.967	27.753	0.500
1999.000	4.246	34.966	27.752	0.514	2054.000	4.248	34.967	27.753	0.512
2000.000	4.245	34.966	27.752	0.548	2055.000	4.248	34.967	27.753	0.510
2001.000	4.245	34.966	27.752	0.502	2056.000	4.248	34.966	27.752	0.548
2002.000	4.245	34.967	27.752	0.481	2057.000	4.248	34.967	27.753	0.555
2003.000	4.245	34.966	27.752	0.496	2058.000	4.248	34.967	27.753	0.523
2004.000	4.246	34.966	27.752	0.517	2059.000	4.248	34.966	27.753	0.516
2005.000	4.245	34.966	27.752	0.506	2060.000	4.248	34.967	27.753	0.483
2006.000	4.246	34.966	27.752	0.519	2061.000	4.248	34.967	27.753	0.484
2007.000	4.246	34.966	27.752	0.554	2062.000	4.248	34.967	27.753	0.495
2008.000	4.246	34.966	27.752	0.591	2063.000	4.248	34.966	27.753	0.483
2009.000	4.246	34.967	27.752	0.599	2064.000	4.248	34.967	27.753	0.507
2010.000	4.246	34.966	27.752	0.576	2065.000	4.248	34.967	27.753	0.521
2011.000	4.246	34.966	27.752	0.561	2066.000	4.248	34.967	27.753	0.527
2012.000	4.246	34.967	27.752	0.554	2067.000	4.248	34.967	27.753	0.518
2013.000	4.246	34.967	27.752	0.537	2068.000	4.248	34.967	27.753	0.530
2014.000	4.246	34.966	27.752	0.549	2069.000	4.248	34.967	27.753	0.533
2015.000	4.246	34.966	27.752	0.542	2070.000	4.248	34.967	27.753	0.504
2016.000	4.246	34.966	27.752	0.537	2071.000	4.248	34.967	27.753	0.499
2017.000	4.246	34.967	27.752	0.539	2072.000	4.248	34.967	27.753	0.469
2018.000	4.246	34.967	27.752	0.564	2073.000	4.248	34.967	27.753	0.504
2019.000	4.246	34.966	27.752	0.539	2074.000	4.248	34.967	27.753	0.554
2020.000	4.246	34.966	27.752	0.517	2075.000	4.248	34.967	27.753	0.524
2021.000	4.246	34.967	27.752	0.539	2076.000	4.249	34.966	27.753	0.522
2022.000	4.246	34.967	27.752	0.521	2077.000	4.248	34.967	27.753	0.499
2023.000	4.246	34.967	27.752	0.458	2078.000	4.248	34.967	27.753	0.482
2024.000	4.246	34.966	27.752	0.424	2079.000	4.249	34.967	27.753	0.539
2025.000	4.246	34.966	27.752	0.485	2080.000	4.249	34.967	27.753	0.536
2026.000	4.246	34.967	27.752	0.492	2081.000	4.249	34.967	27.753	0.547
2027.000	4.246	34.966	27.752	0.479	2082.000	4.249	34.967	27.753	0.573

2083.000	4.249	34.967	27.753	0.558	2138.000	4.250	34.967	27.754	0.540
2084.000	4.249	34.967	27.753	0.575	2139.000	4.250	34.967	27.754	0.500
2085.000	4.249	34.967	27.753	0.576	2140.000	4.250	34.967	27.754	0.457
2086.000	4.249	34.967	27.753	0.554	2141.000	4.250	34.967	27.754	0.469
2087.000	4.249	34.967	27.753	0.523	2142.000	4.251	34.967	27.754	0.483
2088.000	4.249	34.967	27.753	0.557	2143.000	4.251	34.967	27.753	0.538
2089.000	4.249	34.967	27.753	0.567	2144.000	4.251	34.967	27.754	0.521
2090.000	4.249	34.967	27.753	0.520	2145.000	4.251	34.967	27.754	0.517
2091.000	4.249	34.967	27.753	0.507	2146.000	4.251	34.967	27.753	0.516
2092.000	4.249	34.967	27.753	0.506	2147.000	4.251	34.967	27.753	0.479
2093.000	4.249	34.967	27.753	0.500	2148.000	4.251	34.967	27.754	0.483
2094.000	4.249	34.967	27.753	0.480	2149.000	4.251	34.967	27.754	0.483
2095.000	4.249	34.967	27.753	0.474	2150.000	4.251	34.967	27.754	0.482
2096.000	4.249	34.967	27.753	0.452	2151.000	4.251	34.967	27.754	0.488
2097.000	4.249	34.967	27.753	0.479	2152.000	4.252	34.967	27.754	0.501
2098.000	4.249	34.967	27.753	0.502	2153.000	4.252	34.967	27.754	0.499
2099.000	4.249	34.967	27.753	0.497	2154.000	4.251	34.967	27.754	0.497
2100.000	4.249	34.967	27.753	0.481	2155.000	4.252	34.967	27.754	0.497
2101.000	4.249	34.967	27.753	0.485	2156.000	4.252	34.967	27.754	0.451
2102.000	4.249	34.967	27.753	0.489	2157.000	4.252	34.967	27.754	0.471
2103.000	4.249	34.967	27.753	0.529	2158.000	4.252	34.967	27.754	0.525
2104.000	4.249	34.967	27.753	0.566	2159.000	4.252	34.967	27.754	0.515
2105.000	4.249	34.967	27.753	0.520	2160.000	4.252	34.967	27.754	0.513
2106.000	4.249	34.967	27.753	0.523	2161.000	4.252	34.967	27.754	0.501
2107.000	4.249	34.967	27.753	0.502	2162.000	4.252	34.967	27.754	0.543
2108.000	4.249	34.967	27.753	0.579	2163.000	4.252	34.967	27.754	0.548
2109.000	4.249	34.967	27.753	0.604	2164.000	4.252	34.967	27.754	0.555
2110.000	4.249	34.967	27.753	0.568	2165.000	4.252	34.967	27.754	0.575
2111.000	4.249	34.967	27.753	0.567	2166.000	4.253	34.967	27.754	0.538
2112.000	4.249	34.967	27.753	0.563	2167.000	4.253	34.967	27.754	0.531
2113.000	4.249	34.967	27.753	0.521	2168.000	4.253	34.967	27.754	0.566
2114.000	4.249	34.967	27.753	0.540	2169.000	4.253	34.967	27.754	0.517
2115.000	4.249	34.967	27.753	0.556	2170.000	4.252	34.967	27.754	0.550
2116.000	4.249	34.967	27.753	0.546	2171.000	4.253	34.967	27.754	0.533
2117.000	4.249	34.967	27.753	0.532	2172.000	4.253	34.967	27.754	0.530
2118.000	4.249	34.967	27.753	0.508	2173.000	4.253	34.967	27.754	0.489
2119.000	4.249	34.967	27.753	0.523	2174.000	4.253	34.967	27.754	0.508
2120.000	4.249	34.967	27.753	0.555	2175.000	4.253	34.967	27.754	0.531
2121.000	4.249	34.967	27.753	0.523	2176.000	4.253	34.967	27.754	0.539
2122.000	4.249	34.967	27.753	0.460	2177.000	4.253	34.967	27.754	0.535
2123.000	4.249	34.967	27.753	0.438	2178.000	4.253	34.967	27.754	0.524
2124.000	4.250	34.967	27.753	0.527	2179.000	4.253	34.967	27.754	0.546
2125.000	4.250	34.967	27.753	0.535	2180.000	4.253	34.967	27.754	0.551
2126.000	4.250	34.967	27.753	0.502	2181.000	4.253	34.967	27.754	0.519
2127.000	4.250	34.967	27.753	0.466	2182.000	4.254	34.967	27.754	0.483
2128.000	4.250	34.967	27.754	0.494	2183.000	4.254	34.967	27.754	0.464
2129.000	4.250	34.967	27.753	0.509	2184.000	4.254	34.967	27.754	0.498
2130.000	4.250	34.967	27.753	0.473	2185.000	4.254	34.967	27.754	0.460
2131.000	4.250	34.967	27.753	0.451	2186.000	4.254	34.967	27.754	0.484
2132.000	4.250	34.967	27.753	0.446	2187.000	4.254	34.967	27.754	0.475
2133.000	4.250	34.967	27.754	0.508	2188.000	4.254	34.967	27.754	0.480
2134.000	4.250	34.967	27.754	0.538	2189.000	4.254	34.967	27.754	0.475
2135.000	4.250	34.967	27.753	0.557	2190.000	4.254	34.967	27.754	0.540
2136.000	4.250	34.967	27.754	0.580	2191.000	4.254	34.967	27.754	0.540
2137.000	4.250	34.967	27.753	0.583	2192.000	4.254	34.967	27.754	0.554



2193.000	4.254	34.967	27.754	0.572	2248.000	4.257	34.968	27.755	0.558
2194.000	4.254	34.967	27.754	0.542	2249.000	4.257	34.968	27.754	0.548
2195.000	4.254	34.967	27.754	0.509	2250.000	4.257	34.968	27.755	0.532
2196.000	4.254	34.967	27.754	0.511	2251.000	4.257	34.968	27.755	0.564
2197.000	4.254	34.967	27.754	0.511	2252.000	4.257	34.968	27.755	0.566
2198.000	4.254	34.967	27.754	0.536	2253.000	4.257	34.968	27.755	0.573
2199.000	4.254	34.967	27.754	0.516	2254.000	4.257	34.968	27.755	0.585
2200.000	4.254	34.967	27.754	0.511	2255.000	4.257	34.968	27.754	0.558
2201.000	4.254	34.967	27.754	0.502	2256.000	4.257	34.968	27.755	0.551
2202.000	4.254	34.968	27.754	0.464	2257.000	4.257	34.968	27.755	0.486
2203.000	4.255	34.967	27.754	0.429	2258.000	4.257	34.968	27.755	0.479
2204.000	4.255	34.967	27.754	0.457	2259.000	4.258	34.968	27.755	0.465
2205.000	4.254	34.967	27.754	0.480	2260.000	4.258	34.968	27.755	0.478
2206.000	4.255	34.968	27.754	0.535	2261.000	4.258	34.968	27.755	0.472
2207.000	4.255	34.968	27.754	0.549	2262.000	4.258	34.968	27.755	0.490
2208.000	4.255	34.967	27.754	0.526	2263.000	4.258	34.968	27.755	0.488
2209.000	4.255	34.967	27.754	0.517	2264.000	4.258	34.968	27.755	0.517
2210.000	4.255	34.968	27.754	0.510	2265.000	4.258	34.968	27.755	0.522
2211.000	4.255	34.968	27.754	0.520	2266.000	4.258	34.968	27.755	0.493
2212.000	4.255	34.967	27.754	0.572	2267.000	4.258	34.968	27.755	0.517
2213.000	4.255	34.967	27.754	0.542	2268.000	4.258	34.968	27.755	0.548
2214.000	4.255	34.967	27.754	0.512	2269.000	4.258	34.968	27.755	0.560
2215.000	4.255	34.968	27.754	0.517	2270.000	4.258	34.968	27.755	0.528
2216.000	4.255	34.968	27.754	0.480	2271.000	4.258	34.968	27.755	0.527
2217.000	4.255	34.967	27.754	0.515	2272.000	4.258	34.968	27.755	0.493
2218.000	4.255	34.968	27.754	0.550	2273.000	4.258	34.968	27.755	0.505
2219.000	4.255	34.968	27.754	0.562	2274.000	4.258	34.968	27.755	0.534
2220.000	4.255	34.967	27.754	0.557	2275.000	4.258	34.968	27.755	0.538
2221.000	4.255	34.968	27.754	0.577	2276.000	4.258	34.968	27.755	0.516
2222.000	4.255	34.967	27.754	0.562	2277.000	4.258	34.968	27.755	0.514
2223.000	4.255	34.968	27.754	0.572	2278.000	4.258	34.968	27.755	0.507
2224.000	4.256	34.967	27.754	0.511	2279.000	4.258	34.968	27.755	0.543
2225.000	4.255	34.968	27.754	0.494	2280.000	4.258	34.968	27.755	0.548
2226.000	4.256	34.967	27.754	0.537	2281.000	4.258	34.968	27.755	0.576
2227.000	4.256	34.968	27.754	0.548	2282.000	4.258	34.968	27.755	0.597
2228.000	4.256	34.968	27.754	0.534	2283.000	4.259	34.968	27.755	0.575
2229.000	4.256	34.967	27.754	0.484	2284.000	4.259	34.968	27.755	0.524
2230.000	4.255	34.968	27.754	0.501	2285.000	4.259	34.968	27.755	0.553
2231.000	4.256	34.968	27.754	0.496	2286.000	4.259	34.968	27.755	0.578
2232.000	4.256	34.968	27.754	0.517	2287.000	4.259	34.968	27.755	0.509
2233.000	4.256	34.967	27.754	0.477	2288.000	4.259	34.968	27.755	0.497
2234.000	4.256	34.968	27.754	0.478	2289.000	4.259	34.968	27.755	0.503
2235.000	4.256	34.968	27.754	0.509	2290.000	4.259	34.968	27.755	0.524
2236.000	4.256	34.968	27.754	0.490	2291.000	4.259	34.968	27.755	0.544
2237.000	4.256	34.968	27.754	0.494	2292.000	4.259	34.968	27.755	0.523
2238.000	4.256	34.968	27.755	0.501	2293.000	4.260	34.968	27.755	0.530
2239.000	4.256	34.968	27.754	0.518	2294.000	4.260	34.968	27.755	0.532
2240.000	4.256	34.968	27.754	0.489	2295.000	4.260	34.968	27.755	0.555
2241.000	4.256	34.968	27.755	0.462	2296.000	4.260	34.968	27.755	0.533
2242.000	4.256	34.968	27.754	0.565	2297.000	4.260	34.968	27.755	0.502
2243.000	4.256	34.968	27.754	0.548	2298.000	4.260	34.968	27.755	0.494
2244.000	4.256	34.968	27.754	0.454	2299.000	4.260	34.968	27.755	0.493
2245.000	4.256	34.968	27.755	0.473	2300.000	4.260	34.968	27.755	0.492
2246.000	4.257	34.968	27.755	0.487	2301.000	4.260	34.968	27.755	0.495
2247.000	4.256	34.968	27.755	0.537	2302.000	4.260	34.968	27.755	0.473

2303.000	4.260	34.968	27.755	0.567	2358.000	4.265	34.968	27.755	0.538
2304.000	4.260	34.968	27.755	0.539	2359.000	4.265	34.968	27.755	0.544
2305.000	4.261	34.967	27.755	0.511	2360.000	4.265	34.968	27.755	0.533
2306.000	4.260	34.968	27.755	0.505	2361.000	4.265	34.968	27.755	0.530
2307.000	4.260	34.968	27.755	0.529	2362.000	4.265	34.968	27.755	0.543
2308.000	4.261	34.968	27.755	0.571	2363.000	4.265	34.968	27.755	0.521
2309.000	4.261	34.968	27.755	0.594	2364.000	4.265	34.968	27.755	0.524
2310.000	4.261	34.968	27.755	0.541	2365.000	4.266	34.968	27.755	0.533
2311.000	4.261	34.968	27.755	0.531	2366.000	4.266	34.968	27.755	0.521
2312.000	4.261	34.968	27.755	0.542	2367.000	4.266	34.968	27.755	0.472
2313.000	4.261	34.968	27.755	0.566	2368.000	4.266	34.968	27.756	0.496
2314.000	4.261	34.968	27.755	0.529	2369.000	4.266	34.968	27.755	0.513
2315.000	4.261	34.968	27.755	0.565	2370.000	4.266	34.968	27.755	0.568
2316.000	4.261	34.968	27.755	0.555	2371.000	4.266	34.968	27.756	0.530
2317.000	4.261	34.968	27.755	0.508	2372.000	4.266	34.968	27.756	0.538
2318.000	4.261	34.968	27.755	0.546	2373.000	4.266	34.968	27.755	0.472
2319.000	4.261	34.968	27.755	0.525	2374.000	4.266	34.968	27.755	0.444
2320.000	4.261	34.968	27.755	0.513	2375.000	4.266	34.968	27.755	0.503
2321.000	4.261	34.968	27.755	0.512	2376.000	4.266	34.968	27.756	0.502
2322.000	4.262	34.968	27.755	0.507	2377.000	4.266	34.968	27.756	0.498
2323.000	4.261	34.968	27.755	0.474	2378.000	4.266	34.968	27.755	0.553
2324.000	4.261	34.968	27.755	0.458	2379.000	4.266	34.968	27.755	0.540
2325.000	4.261	34.968	27.755	0.490	2380.000	4.266	34.968	27.756	0.536
2326.000	4.261	34.968	27.755	0.490	2381.000	4.266	34.968	27.756	0.496
2327.000	4.261	34.968	27.755	0.513	2382.000	4.266	34.968	27.756	0.531
2328.000	4.262	34.968	27.755	0.501	2383.000	4.267	34.968	27.756	0.534
2329.000	4.261	34.968	27.755	0.501	2384.000	4.267	34.968	27.756	0.516
2330.000	4.262	34.968	27.755	0.498	2385.000	4.267	34.968	27.756	0.495
2331.000	4.262	34.968	27.755	0.478	2386.000	4.267	34.968	27.756	0.525
2332.000	4.262	34.968	27.755	0.503	2387.000	4.267	34.968	27.756	0.541
2333.000	4.262	34.968	27.755	0.494	2388.000	4.267	34.968	27.755	0.529
2334.000	4.262	34.968	27.755	0.473	2389.000	4.267	34.968	27.756	0.513
2335.000	4.262	34.968	27.755	0.486	2390.000	4.267	34.968	27.755	0.551
2336.000	4.262	34.968	27.755	0.481	2391.000	4.267	34.968	27.756	0.522
2337.000	4.263	34.968	27.755	0.513	2392.000	4.268	34.968	27.756	0.468
2338.000	4.263	34.968	27.755	0.531	2393.000	4.268	34.968	27.756	0.489
2339.000	4.263	34.968	27.755	0.543	2394.000	4.268	34.968	27.755	0.521
2340.000	4.263	34.968	27.755	0.538	2395.000	4.268	34.968	27.755	0.504
2341.000	4.263	34.968	27.755	0.509	2396.000	4.268	34.968	27.756	0.482
2342.000	4.263	34.968	27.755	0.492	2397.000	4.267	34.968	27.756	0.500
2343.000	4.264	34.968	27.755	0.502	2398.000	4.268	34.968	27.756	0.518
2344.000	4.264	34.968	27.755	0.539	2399.000	4.267	34.968	27.756	0.491
2345.000	4.263	34.968	27.755	0.565	2400.000	4.268	34.968	27.756	0.493
2346.000	4.264	34.968	27.755	0.577	2401.000	4.268	34.968	27.756	0.484
2347.000	4.264	34.968	27.755	0.569	2402.000	4.268	34.968	27.756	0.583
2348.000	4.264	34.968	27.755	0.549	2403.000	4.268	34.968	27.756	0.617
2349.000	4.264	34.968	27.755	0.512	2404.000	4.268	34.968	27.756	0.622
2350.000	4.264	34.968	27.755	0.509	2405.000	4.268	34.968	27.756	0.546
2351.000	4.264	34.968	27.755	0.462	2406.000	4.268	34.968	27.756	0.481
2352.000	4.264	34.968	27.755	0.480	2407.000	4.268	34.968	27.756	0.470
2353.000	4.264	34.968	27.755	0.502	2408.000	4.268	34.968	27.756	0.476
2354.000	4.265	34.968	27.755	0.557	2409.000	4.268	34.968	27.755	0.514
2355.000	4.265	34.968	27.755	0.518	2410.000	4.268	34.968	27.755	0.524
2356.000	4.265	34.968	27.755	0.513	2411.000	4.268	34.968	27.756	0.554
2357.000	4.265	34.968	27.755	0.514	2412.000	4.268	34.968	27.756	0.500

2413.000	4.269	34.968	27.755	0.526	2468.000	4.273	34.968	27.756	0.508
2414.000	4.269	34.968	27.756	0.545	2469.000	4.273	34.968	27.756	0.498
2415.000	4.269	34.968	27.756	0.565	2470.000	4.273	34.968	27.756	0.468
2416.000	4.269	34.968	27.756	0.583	2471.000	4.273	34.968	27.756	0.482
2417.000	4.269	34.968	27.756	0.535	2472.000	4.273	34.968	27.756	0.499
2418.000	4.269	34.968	27.756	0.495	2473.000	4.273	34.968	27.756	0.483
2419.000	4.269	34.968	27.756	0.526	2474.000	4.273	34.968	27.756	0.466
2420.000	4.269	34.968	27.756	0.546	2475.000	4.274	34.968	27.756	0.483
2421.000	4.269	34.968	27.756	0.554	2476.000	4.274	34.968	27.756	0.535
2422.000	4.270	34.968	27.756	0.510	2477.000	4.274	34.968	27.756	0.464
2423.000	4.270	34.968	27.756	0.530	2478.000	4.274	34.968	27.756	0.460
2424.000	4.270	34.968	27.756	0.548	2479.000	4.274	34.968	27.756	0.531
2425.000	4.270	34.968	27.756	0.537	2480.000	4.274	34.968	27.756	0.562
2426.000	4.270	34.968	27.756	0.529	2481.000	4.274	34.968	27.756	0.549
2427.000	4.270	34.968	27.756	0.519	2482.000	4.274	34.968	27.756	0.506
2428.000	4.270	34.968	27.756	0.512	2483.000	4.274	34.968	27.756	0.518
2429.000	4.270	34.968	27.756	0.471	2484.000	4.274	34.968	27.756	0.528
2430.000	4.271	34.968	27.756	0.503	2485.000	4.274	34.968	27.756	0.539
2431.000	4.271	34.968	27.756	0.485	2486.000	4.275	34.968	27.756	0.538
2432.000	4.271	34.968	27.756	0.526	2487.000	4.274	34.968	27.756	0.568
2433.000	4.271	34.968	27.756	0.513	2488.000	4.275	34.968	27.756	0.582
2434.000	4.271	34.968	27.756	0.484	2489.000	4.275	34.968	27.756	0.565
2435.000	4.271	34.968	27.756	0.459	2490.000	4.275	34.969	27.756	0.572
2436.000	4.271	34.968	27.756	0.444	2491.000	4.275	34.968	27.756	0.617
2437.000	4.271	34.968	27.756	0.464	2492.000	4.275	34.968	27.756	0.624
2438.000	4.271	34.968	27.756	0.501	2493.000	4.275	34.968	27.756	0.625
2439.000	4.271	34.968	27.756	0.526	2494.000	4.275	34.968	27.756	0.586
2440.000	4.271	34.968	27.756	0.582	2495.000	4.275	34.968	27.756	0.499
2441.000	4.271	34.968	27.756	0.555	2496.000	4.276	34.968	27.756	0.465
2442.000	4.271	34.968	27.756	0.562	2497.000	4.276	34.969	27.756	0.456
2443.000	4.271	34.968	27.756	0.547	2498.000	4.276	34.969	27.756	0.507
2444.000	4.271	34.968	27.756	0.520	2499.000	4.276	34.968	27.756	0.549
2445.000	4.271	34.968	27.756	0.550	2500.000	4.276	34.968	27.756	0.582
2446.000	4.271	34.968	27.756	0.581	2501.000	4.276	34.969	27.756	0.559
2447.000	4.271	34.968	27.756	0.501	2502.000	4.276	34.969	27.756	0.536
2448.000	4.271	34.968	27.756	0.475	2503.000	4.276	34.968	27.756	0.494
2449.000	4.271	34.968	27.756	0.552	2504.000	4.276	34.968	27.756	0.468
2450.000	4.271	34.968	27.756	0.580	2505.000	4.276	34.969	27.756	0.493
2451.000	4.271	34.968	27.756	0.594	2506.000	4.276	34.969	27.756	0.533
2452.000	4.271	34.968	27.756	0.589	2507.000	4.276	34.968	27.756	0.567
2453.000	4.271	34.968	27.756	0.587	2508.000	4.276	34.969	27.756	0.540
2454.000	4.271	34.968	27.756	0.575	2509.000	4.276	34.969	27.756	0.525
2455.000	4.271	34.968	27.756	0.577	2510.000	4.277	34.968	27.756	0.531
2456.000	4.272	34.968	27.756	0.570	2511.000	4.276	34.968	27.756	0.538
2457.000	4.272	34.968	27.756	0.478	2512.000	4.276	34.969	27.756	0.529
2458.000	4.272	34.968	27.756	0.459	2513.000	4.277	34.969	27.756	0.507
2459.000	4.272	34.968	27.756	0.518	2514.000	4.277	34.968	27.756	0.478
2460.000	4.272	34.968	27.756	0.505	2515.000	4.277	34.968	27.756	0.534
2461.000	4.272	34.968	27.756	0.536	2516.000	4.277	34.969	27.756	0.524
2462.000	4.272	34.968	27.756	0.492	2517.000	4.277	34.969	27.756	0.484
2463.000	4.272	34.968	27.756	0.472	2518.000	4.277	34.969	27.756	0.535
2464.000	4.273	34.968	27.756	0.493	2519.000	4.277	34.968	27.756	0.545
2465.000	4.273	34.968	27.756	0.533	2520.000	4.277	34.968	27.756	0.523
2466.000	4.273	34.968	27.756	0.549	2521.000	4.277	34.969	27.756	0.533
2467.000	4.273	34.968	27.756	0.556	2522.000	4.277	34.968	27.756	0.523

2523.000	4.277	34.968	27.756	0.551	2578.000	4.282	34.969	27.757	0.503
2524.000	4.277	34.968	27.756	0.542	2579.000	4.282	34.969	27.757	0.487
2525.000	4.277	34.968	27.756	0.529	2580.000	4.282	34.969	27.757	0.517
2526.000	4.278	34.968	27.756	0.500	2581.000	4.282	34.968	27.756	0.519
2527.000	4.277	34.969	27.756	0.509	2582.000	4.282	34.969	27.757	0.527
2528.000	4.278	34.969	27.756	0.545	2583.000	4.282	34.969	27.757	0.516
2529.000	4.278	34.968	27.756	0.521	2584.000	4.282	34.969	27.757	0.539
2530.000	4.278	34.968	27.756	0.548	2585.000	4.282	34.969	27.757	0.492
2531.000	4.278	34.969	27.756	0.581	2586.000	4.282	34.969	27.757	0.522
2532.000	4.278	34.969	27.756	0.578	2587.000	4.282	34.969	27.757	0.484
2533.000	4.278	34.969	27.756	0.581	2588.000	4.282	34.969	27.757	0.520
2534.000	4.278	34.969	27.756	0.494	2589.000	4.282	34.969	27.757	0.478
2535.000	4.278	34.969	27.756	0.507	2590.000	4.283	34.968	27.756	0.471
2536.000	4.278	34.969	27.756	0.470	2591.000	4.283	34.968	27.756	0.432
2537.000	4.278	34.968	27.756	0.498	2592.000	4.283	34.969	27.757	0.467
2538.000	4.278	34.969	27.756	0.521	2593.000	4.283	34.969	27.757	0.496
2539.000	4.278	34.969	27.756	0.525	2594.000	4.283	34.969	27.757	0.509
2540.000	4.279	34.968	27.756	0.547	2595.000	4.283	34.969	27.757	0.487
2541.000	4.279	34.968	27.756	0.506	2596.000	4.283	34.969	27.757	0.479
2542.000	4.279	34.968	27.756	0.496	2597.000	4.283	34.969	27.757	0.501
2543.000	4.279	34.968	27.756	0.490	2598.000	4.283	34.969	27.757	0.504
2544.000	4.279	34.969	27.756	0.516	2599.000	4.284	34.969	27.757	0.482
2545.000	4.279	34.969	27.757	0.459	2600.000	4.284	34.969	27.757	0.428
2546.000	4.279	34.968	27.756	0.452	2601.000	4.284	34.969	27.757	0.512
2547.000	4.279	34.968	27.756	0.476	2602.000	4.284	34.969	27.757	0.561
2548.000	4.279	34.969	27.756	0.536	2603.000	4.284	34.969	27.757	0.583
2549.000	4.279	34.969	27.756	0.524	2604.000	4.284	34.968	27.757	0.553
2550.000	4.279	34.969	27.756	0.514	2605.000	4.284	34.969	27.757	0.472
2551.000	4.280	34.968	27.756	0.539	2606.000	4.284	34.968	27.757	0.487
2552.000	4.280	34.968	27.756	0.526	2607.000	4.284	34.969	27.757	0.502
2553.000	4.280	34.968	27.756	0.550	2608.000	4.285	34.968	27.757	0.512
2554.000	4.280	34.969	27.756	0.506	2609.000	4.284	34.969	27.757	0.545
2555.000	4.280	34.969	27.757	0.489	2610.000	4.285	34.969	27.757	0.552
2556.000	4.280	34.969	27.756	0.465	2611.000	4.285	34.968	27.756	0.541
2557.000	4.280	34.968	27.756	0.440	2612.000	4.285	34.969	27.757	0.575
2558.000	4.280	34.969	27.756	0.523	2613.000	4.285	34.969	27.757	0.572
2559.000	4.280	34.969	27.757	0.576	2614.000	4.285	34.969	27.757	0.512
2560.000	4.280	34.969	27.757	0.558	2615.000	4.285	34.969	27.757	0.552
2561.000	4.280	34.969	27.757	0.543	2616.000	4.285	34.969	27.757	0.565
2562.000	4.281	34.968	27.756	0.536	2617.000	4.285	34.969	27.757	0.551
2563.000	4.281	34.968	27.756	0.553	2618.000	4.285	34.968	27.756	0.556
2564.000	4.280	34.969	27.757	0.512	2619.000	4.285	34.969	27.757	0.569
2565.000	4.281	34.969	27.757	0.554	2620.000	4.286	34.969	27.757	0.540
2566.000	4.281	34.969	27.757	0.545	2621.000	4.286	34.969	27.757	0.521
2567.000	4.281	34.968	27.756	0.545	2622.000	4.286	34.969	27.757	0.531
2568.000	4.281	34.969	27.757	0.569	2623.000	4.286	34.969	27.757	0.522
2569.000	4.281	34.969	27.757	0.584	2624.000	4.286	34.969	27.757	0.499
2570.000	4.281	34.969	27.756	0.593	2625.000	4.286	34.968	27.757	0.484
2571.000	4.281	34.969	27.757	0.560	2626.000	4.286	34.968	27.757	0.510
2572.000	4.281	34.969	27.757	0.517	2627.000	4.286	34.969	27.757	0.473
2573.000	4.281	34.968	27.756	0.497	2628.000	4.286	34.969	27.757	0.508
2574.000	4.281	34.969	27.757	0.524	2629.000	4.286	34.969	27.757	0.552
2575.000	4.281	34.969	27.757	0.498	2630.000	4.286	34.969	27.757	0.576
2576.000	4.282	34.969	27.757	0.523	2631.000	4.287	34.968	27.756	0.509
2577.000	4.282	34.969	27.757	0.531	2632.000	4.286	34.969	27.757	0.519

2633.000	4.287	34.969	27.757	0.494	2688.000	4.292	34.969	27.757	0.493
2634.000	4.287	34.969	27.757	0.493	2689.000	4.292	34.969	27.757	0.520
2635.000	4.287	34.969	27.757	0.508	2690.000	4.292	34.969	27.757	0.467
2636.000	4.287	34.968	27.757	0.484	2691.000	4.292	34.969	27.757	0.461
2637.000	4.287	34.969	27.757	0.470	2692.000	4.292	34.969	27.757	0.534
2638.000	4.287	34.969	27.757	0.419	2693.000	4.292	34.969	27.757	0.490
2639.000	4.287	34.969	27.757	0.474	2694.000	4.292	34.969	27.757	0.484
2640.000	4.287	34.969	27.757	0.478	2695.000	4.292	34.969	27.757	0.518
2641.000	4.287	34.969	27.757	0.486	2696.000	4.292	34.969	27.757	0.553
2642.000	4.287	34.968	27.757	0.473	2697.000	4.293	34.968	27.757	0.577
2643.000	4.287	34.969	27.757	0.564	2698.000	4.293	34.969	27.757	0.566
2644.000	4.288	34.969	27.757	0.599	2699.000	4.293	34.969	27.757	0.515
2645.000	4.288	34.969	27.757	0.608	2700.000	4.293	34.969	27.757	0.575
2646.000	4.288	34.969	27.757	0.571	2701.000	4.293	34.969	27.757	0.594
2647.000	4.288	34.968	27.757	0.542	2702.000	4.293	34.969	27.757	0.561
2648.000	4.288	34.969	27.757	0.530	2703.000	4.293	34.968	27.757	0.496
2649.000	4.288	34.969	27.757	0.507	2704.000	4.293	34.969	27.757	0.529
2650.000	4.288	34.969	27.757	0.515	2705.000	4.293	34.969	27.757	0.506
2651.000	4.288	34.969	27.757	0.530	2706.000	4.294	34.969	27.757	0.594
2652.000	4.288	34.969	27.757	0.495	2707.000	4.294	34.969	27.757	0.562
2653.000	4.288	34.969	27.757	0.543	2708.000	4.294	34.969	27.757	0.548
2654.000	4.288	34.969	27.757	0.566	2709.000	4.294	34.969	27.757	0.512
2655.000	4.288	34.969	27.757	0.568	2710.000	4.294	34.969	27.757	0.471
2656.000	4.289	34.969	27.757	0.562	2711.000	4.294	34.969	27.757	0.478
2657.000	4.289	34.969	27.757	0.538	2712.000	4.294	34.969	27.757	0.447
2658.000	4.289	34.969	27.757	0.578	2713.000	4.294	34.969	27.757	0.482
2659.000	4.289	34.969	27.757	0.588	2714.000	4.294	34.969	27.757	0.531
2660.000	4.289	34.969	27.757	0.538	2715.000	4.294	34.969	27.757	0.561
2661.000	4.289	34.969	27.757	0.509	2716.000	4.294	34.969	27.757	0.516
2662.000	4.289	34.969	27.757	0.530	2717.000	4.295	34.969	27.757	0.491
2663.000	4.290	34.969	27.757	0.546	2718.000	4.295	34.969	27.757	0.501
2664.000	4.290	34.969	27.757	0.515	2719.000	4.295	34.969	27.757	0.531
2665.000	4.290	34.969	27.757	0.493	2720.000	4.295	34.969	27.757	0.558
2666.000	4.290	34.969	27.757	0.479	2721.000	4.295	34.969	27.757	0.500
2667.000	4.290	34.969	27.757	0.532	2722.000	4.295	34.969	27.757	0.487
2668.000	4.290	34.969	27.757	0.528	2723.000	4.295	34.969	27.757	0.497
2669.000	4.290	34.969	27.757	0.520	2724.000	4.295	34.969	27.757	0.487
2670.000	4.290	34.969	27.757	0.575	2725.000	4.295	34.969	27.757	0.504
2671.000	4.290	34.969	27.757	0.539	2726.000	4.295	34.969	27.757	0.507
2672.000	4.290	34.969	27.757	0.534	2727.000	4.295	34.969	27.757	0.513
2673.000	4.290	34.969	27.757	0.567	2728.000	4.296	34.969	27.757	0.540
2674.000	4.290	34.969	27.757	0.527	2729.000	4.296	34.969	27.757	0.536
2675.000	4.291	34.969	27.757	0.510	2730.000	4.296	34.969	27.757	0.519
2676.000	4.291	34.969	27.757	0.537	2731.000	4.296	34.969	27.757	0.500
2677.000	4.291	34.969	27.757	0.499	2732.000	4.296	34.969	27.757	0.494
2678.000	4.291	34.969	27.757	0.501	2733.000	4.296	34.969	27.757	0.503
2679.000	4.291	34.969	27.757	0.497	2734.000	4.296	34.969	27.757	0.531
2680.000	4.291	34.969	27.757	0.463	2735.000	4.296	34.969	27.757	0.511
2681.000	4.291	34.969	27.757	0.490	2736.000	4.296	34.969	27.757	0.516
2682.000	4.291	34.969	27.757	0.503	2737.000	4.296	34.969	27.757	0.474
2683.000	4.291	34.969	27.757	0.494	2738.000	4.296	34.969	27.757	0.455
2684.000	4.291	34.969	27.757	0.502	2739.000	4.297	34.969	27.757	0.542
2685.000	4.292	34.969	27.757	0.472	2740.000	4.297	34.969	27.757	0.506
2686.000	4.292	34.969	27.757	0.468	2741.000	4.297	34.969	27.757	0.460
2687.000	4.292	34.969	27.757	0.517	2742.000	4.297	34.969	27.757	0.460

2743.000	4.297	34.969	27.757	0.493	2798.000	4.302	34.969	27.757	0.536
2744.000	4.297	34.969	27.757	0.481	2799.000	4.302	34.969	27.757	0.554
2745.000	4.297	34.969	27.757	0.522	2800.000	4.302	34.969	27.757	0.507
2746.000	4.297	34.969	27.757	0.552	2801.000	4.302	34.969	27.757	0.537
2747.000	4.297	34.969	27.757	0.533	2802.000	4.303	34.969	27.757	0.517
2748.000	4.298	34.969	27.757	0.521	2803.000	4.303	34.969	27.757	0.533
2749.000	4.298	34.969	27.757	0.509	2804.000	4.303	34.969	27.757	0.520
2750.000	4.298	34.969	27.757	0.533	2805.000	4.303	34.969	27.757	0.508
2751.000	4.298	34.969	27.757	0.533	2806.000	4.303	34.969	27.757	0.511
2752.000	4.298	34.969	27.757	0.528	2807.000	4.303	34.969	27.757	0.552
2753.000	4.298	34.969	27.757	0.512	2808.000	4.303	34.969	27.757	0.562
2754.000	4.298	34.969	27.757	0.503	2809.000	4.303	34.969	27.757	0.549
2755.000	4.298	34.969	27.757	0.474	2810.000	4.304	34.969	27.757	0.576
2756.000	4.298	34.969	27.757	0.555	2811.000	4.304	34.969	27.757	0.562
2757.000	4.298	34.969	27.757	0.520	2812.000	4.304	34.969	27.757	0.568
2758.000	4.298	34.969	27.757	0.530	2813.000	4.304	34.969	27.757	0.563
2759.000	4.298	34.969	27.757	0.555	2814.000	4.304	34.969	27.757	0.581
2760.000	4.299	34.969	27.757	0.573	2815.000	4.304	34.969	27.757	0.573
2761.000	4.299	34.969	27.757	0.534	2816.000	4.304	34.969	27.757	0.548
2762.000	4.299	34.969	27.757	0.515	2817.000	4.304	34.969	27.757	0.518
2763.000	4.299	34.969	27.757	0.511	2818.000	4.304	34.969	27.757	0.510
2764.000	4.299	34.969	27.757	0.472	2819.000	4.305	34.969	27.757	0.466
2765.000	4.299	34.969	27.757	0.466	2820.000	4.305	34.969	27.757	0.474
2766.000	4.299	34.969	27.757	0.458	2821.000	4.305	34.969	27.757	0.509
2767.000	4.299	34.969	27.757	0.482	2822.000	4.305	34.969	27.757	0.511
2768.000	4.299	34.969	27.757	0.502	2823.000	4.305	34.969	27.757	0.510
2769.000	4.299	34.969	27.757	0.539	2824.000	4.305	34.969	27.757	0.539
2770.000	4.300	34.969	27.757	0.516	2825.000	4.305	34.969	27.757	0.550
2771.000	4.300	34.969	27.757	0.539	2826.000	4.306	34.969	27.757	0.551
2772.000	4.300	34.969	27.757	0.558	2827.000	4.306	34.969	27.757	0.527
2773.000	4.300	34.969	27.757	0.529	2828.000	4.306	34.969	27.757	0.506
2774.000	4.300	34.969	27.757	0.519	2829.000	4.306	34.969	27.757	0.506
2775.000	4.300	34.969	27.757	0.499	2830.000	4.306	34.969	27.757	0.494
2776.000	4.300	34.969	27.757	0.521	2831.000	4.306	34.969	27.757	0.517
2777.000	4.300	34.969	27.757	0.529	2832.000	4.306	34.969	27.757	0.507
2778.000	4.300	34.969	27.757	0.530	2833.000	4.306	34.969	27.757	0.489
2779.000	4.300	34.969	27.757	0.535	2834.000	4.306	34.969	27.757	0.488
2780.000	4.301	34.969	27.757	0.452	2835.000	4.307	34.969	27.757	0.492
2781.000	4.301	34.969	27.757	0.488	2836.000	4.307	34.969	27.757	0.538
2782.000	4.301	34.969	27.757	0.513	2837.000	4.307	34.969	27.757	0.543
2783.000	4.301	34.969	27.757	0.485	2838.000	4.307	34.969	27.757	0.546
2784.000	4.301	34.969	27.757	0.468	2839.000	4.307	34.969	27.757	0.542
2785.000	4.301	34.969	27.757	0.481	2840.000	4.307	34.969	27.757	0.510
2786.000	4.301	34.969	27.757	0.508	2841.000	4.307	34.969	27.757	0.510
2787.000	4.301	34.969	27.757	0.527	2842.000	4.307	34.969	27.757	0.525
2788.000	4.301	34.969	27.757	0.525	2843.000	4.307	34.969	27.757	0.563
2789.000	4.301	34.969	27.757	0.516	2844.000	4.307	34.969	27.757	0.545
2790.000	4.301	34.969	27.757	0.542	2845.000	4.307	34.969	27.757	0.522
2791.000	4.301	34.969	27.757	0.532	2846.000	4.307	34.969	27.757	0.488
2792.000	4.302	34.969	27.757	0.571	2847.000	4.307	34.969	27.757	0.549
2793.000	4.302	34.969	27.757	0.577	2848.000	4.307	34.969	27.757	0.491
2794.000	4.302	34.969	27.757	0.570	2849.000	4.307	34.969	27.757	0.492
2795.000	4.302	34.969	27.757	0.564	2850.000	4.308	34.969	27.757	0.504
2796.000	4.302	34.969	27.757	0.557	2851.000	4.308	34.969	27.757	0.558
2797.000	4.302	34.969	27.757	0.558	2852.000	4.308	34.969	27.757	0.508

2853.000	4.308	34.969	27.757	0.517	2908.000	4.313	34.969	27.758	0.390
2854.000	4.308	34.969	27.757	0.589	2909.000	4.313	34.969	27.758	0.435
2855.000	4.308	34.969	27.757	0.576	2910.000	4.314	34.969	27.757	0.496
2856.000	4.308	34.969	27.757	0.533	2911.000	4.314	34.969	27.758	0.536
2857.000	4.308	34.969	27.757	0.499	2912.000	4.314	34.969	27.758	0.565
2858.000	4.308	34.969	27.757	0.495	2913.000	4.314	34.969	27.758	0.576
2859.000	4.308	34.969	27.757	0.528	2914.000	4.314	34.969	27.758	0.520
2860.000	4.309	34.969	27.757	0.570	2915.000	4.314	34.969	27.757	0.494
2861.000	4.309	34.969	27.757	0.540	2916.000	4.314	34.969	27.758	0.482
2862.000	4.309	34.969	27.757	0.532	2917.000	4.314	34.969	27.758	0.515
2863.000	4.309	34.969	27.757	0.586	2918.000	4.314	34.969	27.758	0.509
2864.000	4.309	34.969	27.757	0.551	2919.000	4.314	34.969	27.758	0.485
2865.000	4.309	34.969	27.757	0.522	2920.000	4.314	34.969	27.758	0.522
2866.000	4.309	34.969	27.757	0.538	2921.000	4.314	34.969	27.758	0.529
2867.000	4.310	34.969	27.757	0.550	2922.000	4.315	34.969	27.758	0.538
2868.000	4.310	34.969	27.757	0.551	2923.000	4.315	34.969	27.758	0.579
2869.000	4.310	34.969	27.757	0.569	2924.000	4.315	34.969	27.758	0.587
2870.000	4.310	34.969	27.757	0.577	2925.000	4.315	34.969	27.758	0.513
2871.000	4.310	34.969	27.757	0.575	2926.000	4.315	34.969	27.758	0.479
2872.000	4.310	34.969	27.757	0.582	2927.000	4.315	34.969	27.758	0.478
2873.000	4.310	34.969	27.757	0.559	2928.000	4.315	34.969	27.758	0.513
2874.000	4.310	34.969	27.757	0.522	2929.000	4.315	34.969	27.758	0.546
2875.000	4.310	34.969	27.757	0.502	2930.000	4.316	34.969	27.758	0.598
2876.000	4.310	34.969	27.758	0.512	2931.000	4.316	34.969	27.758	0.560
2877.000	4.310	34.969	27.758	0.518	2932.000	4.316	34.969	27.758	0.552
2878.000	4.311	34.969	27.757	0.504	2933.000	4.316	34.969	27.758	0.545
2879.000	4.311	34.969	27.757	0.513	2934.000	4.316	34.969	27.758	0.540
2880.000	4.311	34.969	27.757	0.517	2935.000	4.316	34.969	27.758	0.529
2881.000	4.311	34.969	27.757	0.550	2936.000	4.317	34.969	27.758	0.523
2882.000	4.311	34.969	27.758	0.536	2937.000	4.317	34.969	27.758	0.541
2883.000	4.311	34.969	27.757	0.559	2938.000	4.317	34.969	27.758	0.531
2884.000	4.311	34.969	27.757	0.554	2939.000	4.317	34.969	27.758	0.515
2885.000	4.311	34.969	27.757	0.574	2940.000	4.317	34.969	27.758	0.476
2886.000	4.311	34.969	27.757	0.595	2941.000	4.317	34.969	27.758	0.518
2887.000	4.311	34.969	27.758	0.571	2942.000	4.317	34.969	27.758	0.517
2888.000	4.311	34.969	27.757	0.556	2943.000	4.317	34.969	27.758	0.503
2889.000	4.312	34.969	27.757	0.492	2944.000	4.317	34.969	27.758	0.499
2890.000	4.312	34.969	27.757	0.480	2945.000	4.318	34.969	27.758	0.504
2891.000	4.312	34.969	27.757	0.486	2946.000	4.318	34.969	27.758	0.563
2892.000	4.312	34.969	27.757	0.473	2947.000	4.318	34.969	27.758	0.554
2893.000	4.312	34.969	27.757	0.496	2948.000	4.318	34.969	27.758	0.552
2894.000	4.312	34.969	27.757	0.470	2949.000	4.318	34.969	27.758	0.536
2895.000	4.312	34.969	27.757	0.465	2950.000	4.318	34.969	27.758	0.516
2896.000	4.312	34.969	27.757	0.476	2951.000	4.318	34.969	27.758	0.513
2897.000	4.312	34.969	27.758	0.478	2952.000	4.318	34.969	27.758	0.543
2898.000	4.312	34.969	27.758	0.461	2953.000	4.318	34.969	27.758	0.541
2899.000	4.313	34.969	27.757	0.481	2954.000	4.318	34.969	27.758	0.477
2900.000	4.313	34.969	27.757	0.522	2955.000	4.318	34.969	27.758	0.499
2901.000	4.313	34.969	27.758	0.521	2956.000	4.319	34.969	27.758	0.502
2902.000	4.313	34.969	27.758	0.527	2957.000	4.319	34.969	27.758	0.508
2903.000	4.313	34.969	27.758	0.504	2958.000	4.319	34.969	27.758	0.536
2904.000	4.313	34.969	27.758	0.491	2959.000	4.319	34.970	27.758	0.511
2905.000	4.313	34.969	27.757	0.473	2960.000	4.319	34.969	27.758	0.496
2906.000	4.313	34.969	27.758	0.494	2961.000	4.319	34.969	27.758	0.492
2907.000	4.313	34.969	27.758	0.473	2962.000	4.319	34.969	27.758	0.489

2963.000	4.319	34.969	27.758	0.444	2982.000	4.321	34.969	27.758	0.521
2964.000	4.319	34.969	27.758	0.467	2983.000	4.321	34.969	27.758	0.499
2965.000	4.320	34.969	27.758	0.485	2984.000	4.321	34.970	27.758	0.482
2966.000	4.320	34.969	27.758	0.463	2985.000	4.322	34.970	27.758	0.486
2967.000	4.320	34.969	27.758	0.515	2986.000	4.322	34.969	27.758	0.494
2968.000	4.320	34.970	27.758	0.492	2987.000	4.322	34.969	27.758	0.527
2969.000	4.320	34.969	27.758	0.500	2988.000	4.322	34.970	27.758	0.529
2970.000	4.320	34.970	27.758	0.524	2989.000	4.322	34.970	27.758	0.500
2971.000	4.320	34.969	27.758	0.522	2990.000	4.322	34.969	27.758	0.478
2972.000	4.320	34.969	27.758	0.501	2991.000	4.322	34.969	27.758	0.482
2973.000	4.320	34.970	27.758	0.413	2992.000	4.323	34.969	27.758	0.497
2974.000	4.321	34.969	27.758	0.402	2993.000	4.323	34.969	27.758	0.502
2975.000	4.321	34.969	27.758	0.484	2994.000	4.322	34.969	27.758	0.591
2976.000	4.321	34.969	27.758	0.446	2995.000	4.323	34.969	27.757	0.534
2977.000	4.321	34.969	27.758	0.497	2996.000	4.323	34.969	27.758	0.510
2978.000	4.321	34.969	27.758	0.532	2997.000	4.323	34.969	27.758	0.517
2979.000	4.321	34.969	27.758	0.529	2998.000	4.323	34.969	27.758	0.533
2980.000	4.321	34.969	27.758	0.485	2999.000	4.323	34.969	27.758	0.524
2981.000	4.321	34.970	27.758	0.535	3000.000	4.323	34.969	27.757	0.501



Cruise: 94G07  
 Date: Aug 18 1994  
 Time: 02:48:03 GMT  
 Lat.: 25 59.704N  
 Lon.: 90 36.007W  
 Stn.: 007B

Depth	Temp(c)	Sal	Sigma-t	Fluor					
2.000	29.303	32.371	19.993	1.001	48.000	23.455	36.311	24.801	1.025
3.000	29.295	32.360	19.988	1.005	49.000	23.479	36.308	24.791	1.044
4.000	29.311	32.382	19.999	1.015	50.000	23.324	36.319	24.844	1.047
5.000	29.453	32.595	20.111	1.017	51.000	23.201	36.322	24.883	1.047
6.000	29.504	32.965	20.371	1.009	52.000	23.143	36.326	24.903	1.072
7.000	29.602	33.894	21.035	0.996	53.000	23.154	36.317	24.893	1.065
8.000	29.934	35.158	21.870	0.972	54.000	22.936	36.321	24.959	1.092
9.000	29.911	35.439	22.089	0.909	55.000	22.845	36.325	24.988	1.090
10.000	29.841	35.470	22.136	0.849	56.000	22.743	36.327	25.019	1.102
11.000	29.780	35.491	22.173	0.878	57.000	22.665	36.323	25.039	1.145
12.000	29.700	35.587	22.272	0.878	58.000	22.501	36.322	25.086	1.158
13.000	29.651	35.653	22.338	0.837	59.000	22.370	36.325	25.125	1.139
14.000	29.663	35.775	22.426	0.807	60.000	22.282	36.322	25.148	1.144
15.000	29.742	35.937	22.521	0.792	61.000	22.057	36.324	25.213	1.164
16.000	29.750	36.015	22.576	0.798	62.000	21.938	36.324	25.247	1.179
17.000	29.706	36.051	22.619	0.835	63.000	21.890	36.324	25.260	1.187
18.000	29.570	36.092	22.696	0.870	64.000	21.758	36.318	25.293	1.177
19.000	29.500	36.135	22.752	0.820	65.000	21.623	36.313	25.327	1.184
20.000	29.408	36.126	22.777	0.829	66.000	21.486	36.301	25.355	1.179
21.000	29.299	36.158	22.838	0.825	67.000	21.305	36.294	25.401	1.192
22.000	29.269	36.226	22.899	0.827	68.000	21.196	36.295	25.431	1.220
23.000	29.164	36.239	22.944	0.873	69.000	21.099	36.301	25.463	1.225
24.000	28.781	36.220	23.058	0.886	70.000	20.973	36.308	25.503	1.237
25.000	28.356	36.211	23.192	0.879	71.000	20.913	36.313	25.523	1.259
26.000	28.038	36.225	23.308	0.862	72.000	20.882	36.313	25.531	1.265
27.000	27.894	36.240	23.367	0.880	73.000	20.839	36.310	25.541	1.260
28.000	27.819	36.275	23.417	0.893	74.000	20.762	36.316	25.567	1.281
29.000	27.456	36.292	23.548	0.884	75.000	20.712	36.321	25.584	1.285
30.000	27.101	36.294	23.664	0.886	76.000	20.700	36.321	25.587	1.286
31.000	26.748	36.280	23.767	0.899	77.000	20.671	36.322	25.596	1.300
32.000	26.482	36.256	23.834	0.909	78.000	20.580	36.324	25.622	1.314
33.000	26.149	36.221	23.912	0.913	79.000	20.522	36.329	25.642	1.359
34.000	25.568	36.183	24.065	0.948	80.000	20.407	36.331	25.674	1.403
35.000	25.334	36.243	24.182	0.956	81.000	20.303	36.334	25.704	1.425
36.000	25.189	36.257	24.238	1.243	82.000	20.274	36.334	25.712	1.435
37.000	25.159	36.254	24.245	1.018	83.000	20.195	36.332	25.732	1.454
38.000	25.113	36.255	24.260	0.970	84.000	20.109	36.335	25.757	1.442
39.000	24.952	36.253	24.308	0.952	85.000	20.055	36.337	25.773	1.443
40.000	24.736	36.241	24.364	0.986	86.000	19.998	36.339	25.790	1.430
41.000	24.637	36.240	24.394	0.972	87.000	19.947	36.338	25.803	1.406
42.000	24.447	36.239	24.450	0.972	88.000	19.874	36.343	25.826	1.401
43.000	24.301	36.228	24.486	0.966	89.000	19.807	36.343	25.843	1.373
44.000	24.131	36.225	24.535	0.972	90.000	19.784	36.347	25.853	1.338
45.000	23.894	36.241	24.617	1.000	91.000	19.720	36.348	25.870	1.306
46.000	23.655	36.283	24.720	1.039	92.000	19.664	36.351	25.887	1.300
47.000	23.559	36.303	24.763	1.039	93.000	19.625	36.354	25.900	1.272
					94.000	19.602	36.356	25.907	1.263
					95.000	19.576	36.356	25.914	1.264
					96.000	19.526	36.357	25.928	1.268
					97.000	19.432	36.372	25.964	1.244
					98.000	19.364	36.385	25.992	1.218
					99.000	19.316	36.410	26.024	1.203
					100.000	19.278	36.434	26.052	1.173
					101.000	19.209	36.452	26.083	1.159
					102.000	19.165	36.464	26.104	1.153

103.000	19.148	36.463	26.107	1.135	158.000	16.194	36.151	26.595	0.639
104.000	19.094	36.462	26.121	1.124	159.000	16.166	36.145	26.597	0.676
105.000	19.023	36.461	26.139	1.127	160.000	16.096	36.136	26.607	0.693
106.000	18.931	36.458	26.160	1.107	161.000	16.093	36.135	26.606	0.665
107.000	18.847	36.458	26.182	1.106	162.000	16.046	36.127	26.611	0.604
108.000	18.766	36.451	26.197	1.087	163.000	16.032	36.125	26.613	0.614
109.000	18.696	36.447	26.211	1.054	164.000	16.026	36.124	26.613	0.600
110.000	18.587	36.438	26.232	1.045	165.000	16.020	36.123	26.614	0.630
111.000	18.372	36.426	26.278	1.060	166.000	15.995	36.118	26.616	0.635
112.000	18.273	36.408	26.289	1.042	167.000	15.942	36.111	26.623	0.645
113.000	18.125	36.399	26.319	1.025	168.000	15.906	36.107	26.628	0.652
114.000	18.070	36.394	26.329	0.985	169.000	15.878	36.102	26.631	0.669
115.000	18.061	36.390	26.328	0.952	170.000	15.830	36.096	26.637	0.604
116.000	18.042	36.390	26.333	0.937	171.000	15.792	36.090	26.641	0.613
117.000	18.036	36.387	26.332	0.954	172.000	15.775	36.087	26.643	0.640
118.000	18.001	36.381	26.337	0.971	173.000	15.748	36.083	26.646	0.641
119.000	17.912	36.375	26.354	0.963	174.000	15.740	36.082	26.647	0.643
120.000	17.866	36.367	26.359	0.948	175.000	15.726	36.080	26.649	0.646
121.000	17.821	36.365	26.368	0.932	176.000	15.717	36.077	26.649	0.583
122.000	17.821	36.363	26.368	0.915	177.000	15.655	36.066	26.655	0.553
123.000	17.803	36.359	26.369	0.905	178.000	15.557	36.054	26.667	0.582
124.000	17.754	36.353	26.376	0.922	179.000	15.505	36.048	26.674	0.609
125.000	17.711	36.349	26.384	0.934	180.000	15.494	36.043	26.673	0.581
126.000	17.678	36.345	26.389	0.876	181.000	15.443	36.037	26.680	0.567
127.000	17.580	36.333	26.403	0.840	182.000	15.394	36.029	26.685	0.588
128.000	17.506	36.327	26.417	0.865	183.000	15.338	36.022	26.692	0.586
129.000	17.453	36.320	26.424	0.879	184.000	15.298	36.017	26.697	0.613
130.000	17.441	36.319	26.427	0.875	185.000	15.255	36.009	26.701	0.636
131.000	17.445	36.318	26.425	0.830	186.000	15.240	36.006	26.702	0.604
132.000	17.418	36.314	26.428	0.819	187.000	15.212	36.001	26.704	0.626
133.000	17.390	36.311	26.433	0.814	188.000	15.143	35.992	26.713	0.593
134.000	17.339	36.302	26.439	0.830	189.000	15.125	35.990	26.715	0.602
135.000	17.294	36.300	26.448	0.835	190.000	15.075	35.980	26.718	0.545
136.000	17.283	36.296	26.448	0.830	191.000	15.050	35.976	26.721	0.548
137.000	17.214	36.288	26.458	0.860	192.000	15.052	35.976	26.720	0.550
138.000	17.190	36.287	26.464	0.844	193.000	14.974	35.963	26.728	0.608
139.000	17.118	36.275	26.472	0.767	194.000	14.901	35.955	26.738	0.584
140.000	17.041	36.268	26.485	0.789	195.000	14.873	35.949	26.740	0.556
141.000	17.006	36.263	26.489	0.779	196.000	14.803	35.941	26.748	0.557
142.000	16.981	36.259	26.492	0.770	197.000	14.761	35.931	26.750	0.557
143.000	16.947	36.253	26.496	0.815	198.000	14.729	35.928	26.755	0.586
144.000	16.926	36.251	26.500	0.786	199.000	14.728	35.926	26.754	0.587
145.000	16.886	36.244	26.503	0.745	200.000	14.701	35.921	26.756	0.588
146.000	16.779	36.232	26.520	0.742	201.000	14.675	35.919	26.760	0.555
147.000	16.733	36.227	26.527	0.746	202.000	14.624	35.909	26.763	0.585
148.000	16.690	36.219	26.531	0.753	203.000	14.611	35.908	26.765	0.615
149.000	16.628	36.212	26.541	0.755	204.000	14.576	35.902	26.768	0.564
150.000	16.580	36.208	26.548	0.738	205.000	14.533	35.895	26.772	0.598
151.000	16.561	36.198	26.545	0.656	206.000	14.490	35.889	26.777	0.629
152.000	16.421	36.185	26.568	0.687	207.000	14.449	35.882	26.780	0.607
153.000	16.380	36.178	26.573	0.711	208.000	14.421	35.877	26.783	0.578
154.000	16.368	36.176	26.574	0.695	209.000	14.392	35.871	26.785	0.601
155.000	16.366	36.175	26.573	0.670	210.000	14.344	35.865	26.790	0.617
156.000	16.334	36.168	26.576	0.656	211.000	14.308	35.860	26.794	0.591
157.000	16.253	36.157	26.586	0.648	212.000	14.257	35.852	26.799	0.588

213.000	14.233	35.849	26.801	0.565	268.000	12.527	35.587	26.950	0.549
214.000	14.216	35.845	26.802	0.568	269.000	12.509	35.585	26.953	0.567
215.000	14.158	35.835	26.806	0.620	270.000	12.495	35.582	26.952	0.543
216.000	14.080	35.824	26.815	0.628	271.000	12.453	35.576	26.956	0.575
217.000	14.043	35.819	26.818	0.627	272.000	12.444	35.576	26.958	0.610
218.000	14.047	35.819	26.818	0.625	273.000	12.417	35.568	26.957	0.613
219.000	14.027	35.814	26.818	0.549	274.000	12.375	35.565	26.963	0.593
220.000	14.016	35.812	26.819	0.580	275.000	12.358	35.560	26.963	0.598
221.000	13.995	35.808	26.820	0.601	276.000	12.344	35.559	26.965	0.595
222.000	13.960	35.804	26.825	0.608	277.000	12.336	35.557	26.965	0.561
223.000	13.936	35.800	26.827	0.619	278.000	12.322	35.554	26.965	0.534
224.000	13.920	35.797	26.828	0.607	279.000	12.300	35.550	26.966	0.553
225.000	13.891	35.791	26.830	0.610	280.000	12.270	35.546	26.969	0.573
226.000	13.866	35.788	26.832	0.586	281.000	12.251	35.543	26.970	0.610
227.000	13.826	35.781	26.836	0.563	282.000	12.218	35.537	26.972	0.568
228.000	13.787	35.776	26.840	0.596	283.000	12.177	35.533	26.977	0.508
229.000	13.760	35.772	26.842	0.627	284.000	12.149	35.531	26.981	0.559
230.000	13.743	35.769	26.843	0.585	285.000	12.116	35.524	26.982	0.558
231.000	13.728	35.767	26.845	0.598	286.000	12.089	35.520	26.984	0.572
232.000	13.718	35.766	26.846	0.615	287.000	12.066	35.516	26.986	0.581
233.000	13.711	35.764	26.846	0.553	288.000	12.047	35.514	26.988	0.607
234.000	13.697	35.762	26.848	0.605	289.000	12.034	35.511	26.988	0.607
235.000	13.683	35.760	26.849	0.567	290.000	12.009	35.507	26.989	0.632
236.000	13.674	35.758	26.849	0.583	291.000	11.980	35.504	26.992	0.632
237.000	13.646	35.753	26.852	0.597	292.000	11.969	35.502	26.993	0.611
238.000	13.625	35.749	26.853	0.596	293.000	11.952	35.498	26.994	0.564
239.000	13.595	35.745	26.856	0.591	294.000	11.925	35.494	26.995	0.601
240.000	13.590	35.743	26.856	0.584	295.000	11.895	35.490	26.998	0.647
241.000	13.529	35.733	26.860	0.612	296.000	11.866	35.486	27.000	0.682
242.000	13.472	35.727	26.868	0.593	297.000	11.840	35.483	27.003	0.664
243.000	13.418	35.720	26.873	0.576	298.000	11.826	35.480	27.003	0.632
244.000	13.397	35.720	26.877	0.592	299.000	11.794	35.473	27.004	0.577
245.000	13.351	35.710	26.879	0.615	300.000	11.751	35.469	27.009	0.610
246.000	13.333	35.708	26.882	0.607	301.000	11.723	35.465	27.011	0.612
247.000	13.295	35.701	26.884	0.628	302.000	11.697	35.461	27.013	0.600
248.000	13.263	35.698	26.888	0.599	303.000	11.670	35.458	27.016	0.605
249.000	13.255	35.696	26.889	0.554	304.000	11.664	35.457	27.016	0.626
250.000	13.249	35.694	26.888	0.623	305.000	11.647	35.454	27.017	0.618
251.000	13.223	35.690	26.890	0.650	306.000	11.635	35.453	27.018	0.567
252.000	13.181	35.683	26.894	0.663	307.000	11.631	35.451	27.018	0.563
253.000	13.160	35.681	26.896	0.621	308.000	11.618	35.448	27.018	0.569
254.000	13.137	35.677	26.898	0.583	309.000	11.595	35.445	27.020	0.601
255.000	13.108	35.676	26.903	0.596	310.000	11.578	35.443	27.022	0.628
256.000	13.095	35.672	26.902	0.583	311.000	11.569	35.442	27.023	0.630
257.000	13.071	35.667	26.903	0.565	312.000	11.566	35.440	27.022	0.597
258.000	13.004	35.657	26.910	0.617	313.000	11.558	35.439	27.022	0.609
259.000	12.988	35.656	26.911	0.637	314.000	11.550	35.438	27.023	0.625
260.000	12.956	35.649	26.913	0.636	315.000	11.544	35.436	27.023	0.618
261.000	12.891	35.641	26.920	0.606	316.000	11.525	35.433	27.024	0.578
262.000	12.809	35.627	26.925	0.575	317.000	11.500	35.431	27.027	0.555
263.000	12.718	35.617	26.935	0.592	318.000	11.489	35.429	27.027	0.536
264.000	12.662	35.608	26.940	0.596	319.000	11.477	35.428	27.029	0.558
265.000	12.634	35.604	26.942	0.614	320.000	11.457	35.424	27.029	0.569
266.000	12.620	35.602	26.943	0.625	321.000	11.433	35.421	27.032	0.553
267.000	12.588	35.597	26.945	0.588	322.000	11.432	35.421	27.032	0.585

323.000	11.423	35.419	27.032	0.591	378.000	10.251	35.254	27.115	0.643
324.000	11.411	35.418	27.034	0.574	379.000	10.248	35.254	27.116	0.651
325.000	11.377	35.411	27.035	0.595	380.000	10.241	35.252	27.116	0.621
326.000	11.347	35.409	27.038	0.584	381.000	10.223	35.249	27.116	0.573
327.000	11.328	35.406	27.040	0.601	382.000	10.202	35.245	27.117	0.548
328.000	11.310	35.404	27.042	0.608	383.000	10.171	35.242	27.120	0.485
329.000	11.286	35.400	27.043	0.600	384.000	10.156	35.240	27.121	0.512
330.000	11.270	35.397	27.044	0.619	385.000	10.142	35.238	27.122	0.552
331.000	11.263	35.396	27.044	0.611	386.000	10.125	35.236	27.123	0.550
332.000	11.235	35.391	27.046	0.596	387.000	10.116	35.234	27.123	0.620
333.000	11.218	35.389	27.047	0.587	388.000	10.097	35.232	27.125	0.646
334.000	11.168	35.382	27.051	0.590	389.000	10.068	35.229	27.127	0.624
335.000	11.124	35.377	27.055	0.609	390.000	10.050	35.227	27.129	0.634
336.000	11.111	35.375	27.055	0.551	391.000	10.045	35.226	27.129	0.613
337.000	11.096	35.371	27.055	0.576	392.000	10.023	35.222	27.130	0.644
338.000	11.077	35.369	27.057	0.623	393.000	9.979	35.219	27.135	0.651
339.000	11.067	35.367	27.057	0.594	394.000	9.968	35.218	27.136	0.622
340.000	11.039	35.362	27.059	0.582	395.000	9.954	35.214	27.136	0.627
341.000	11.008	35.359	27.062	0.596	396.000	9.948	35.213	27.136	0.623
342.000	10.992	35.358	27.064	0.592	397.000	9.944	35.212	27.136	0.611
343.000	10.975	35.354	27.065	0.620	398.000	9.921	35.209	27.137	0.606
344.000	10.963	35.353	27.066	0.656	399.000	9.894	35.206	27.139	0.623
345.000	10.952	35.352	27.067	0.684	400.000	9.883	35.204	27.140	0.605
346.000	10.944	35.350	27.067	0.667	401.000	9.877	35.204	27.141	0.608
347.000	10.918	35.346	27.069	0.621	402.000	9.866	35.200	27.140	0.578
348.000	10.895	35.343	27.070	0.631	403.000	9.838	35.198	27.143	0.527
349.000	10.862	35.337	27.071	0.626	404.000	9.817	35.195	27.144	0.584
350.000	10.831	35.333	27.074	0.624	405.000	9.787	35.192	27.147	0.604
351.000	10.810	35.331	27.076	0.616	406.000	9.770	35.193	27.150	0.633
352.000	10.795	35.329	27.077	0.628	407.000	9.743	35.185	27.149	0.604
353.000	10.773	35.325	27.079	0.657	408.000	9.705	35.182	27.153	0.604
354.000	10.761	35.324	27.080	0.661	409.000	9.680	35.178	27.154	0.603
355.000	10.755	35.323	27.080	0.602	410.000	9.657	35.175	27.156	0.611
356.000	10.739	35.320	27.081	0.590	411.000	9.638	35.173	27.157	0.609
357.000	10.710	35.315	27.082	0.534	412.000	9.619	35.172	27.160	0.548
358.000	10.654	35.309	27.087	0.538	413.000	9.607	35.168	27.159	0.550
359.000	10.622	35.306	27.090	0.576	414.000	9.589	35.166	27.160	0.618
360.000	10.614	35.304	27.091	0.618	415.000	9.566	35.163	27.161	0.617
361.000	10.612	35.303	27.090	0.631	416.000	9.546	35.161	27.163	0.584
362.000	10.609	35.302	27.090	0.628	417.000	9.532	35.160	27.164	0.594
363.000	10.595	35.299	27.090	0.620	418.000	9.521	35.158	27.165	0.638
364.000	10.560	35.295	27.093	0.603	419.000	9.507	35.155	27.165	0.644
365.000	10.518	35.291	27.097	0.652	420.000	9.484	35.152	27.166	0.646
366.000	10.504	35.288	27.097	0.650	421.000	9.438	35.147	27.170	0.656
367.000	10.471	35.285	27.101	0.652	422.000	9.420	35.146	27.172	0.634
368.000	10.466	35.283	27.100	0.633	423.000	9.415	35.144	27.171	0.624
369.000	10.452	35.281	27.101	0.634	424.000	9.399	35.141	27.172	0.629
370.000	10.434	35.278	27.102	0.609	425.000	9.372	35.138	27.174	0.639
371.000	10.400	35.274	27.105	0.627	426.000	9.360	35.137	27.175	0.635
372.000	10.375	35.271	27.107	0.653	427.000	9.344	35.134	27.176	0.629
373.000	10.356	35.268	27.108	0.629	428.000	9.324	35.132	27.177	0.633
374.000	10.340	35.266	27.109	0.616	429.000	9.309	35.130	27.178	0.623
375.000	10.306	35.262	27.112	0.634	430.000	9.297	35.128	27.178	0.616
376.000	10.270	35.259	27.116	0.624	431.000	9.289	35.127	27.179	0.634
377.000	10.260	35.256	27.115	0.617	432.000	9.276	35.124	27.179	0.629

433.000	9.250	35.121	27.181	0.615	488.000	8.327	35.012	27.242	0.586
434.000	9.244	35.120	27.181	0.704	489.000	8.319	35.012	27.243	0.606
435.000	9.208	35.112	27.181	0.718	490.000	8.286	35.008	27.245	0.605
436.000	9.173	35.107	27.183	0.690	491.000	8.263	35.006	27.247	0.629
437.000	9.162	35.106	27.183	0.679	492.000	8.253	35.004	27.247	0.626
438.000	9.149	35.104	27.184	0.690	493.000	8.249	35.003	27.247	0.580
439.000	9.138	35.102	27.184	0.641	494.000	8.216	34.999	27.249	0.539
440.000	9.115	35.098	27.185	0.597	495.000	8.213	35.000	27.250	0.554
441.000	9.100	35.096	27.185	0.601	496.000	8.217	35.001	27.250	0.644
442.000	9.078	35.093	27.187	0.617	497.000	8.214	35.001	27.251	0.573
443.000	9.071	35.092	27.187	0.599	498.000	8.212	35.002	27.252	0.553
444.000	9.066	35.091	27.188	0.591	499.000	8.219	35.005	27.253	0.592
445.000	9.062	35.092	27.188	0.607	500.000	8.219	35.005	27.253	0.594
446.000	9.067	35.093	27.189	0.620	501.000	8.214	35.004	27.253	0.599
447.000	9.061	35.092	27.189	0.583	502.000	8.199	35.004	27.255	0.612
448.000	9.033	35.090	27.191	0.545	503.000	8.185	35.002	27.256	0.604
449.000	9.023	35.087	27.191	0.533	504.000	8.176	35.001	27.257	0.537
450.000	9.005	35.085	27.192	0.512	505.000	8.166	35.001	27.258	0.555
451.000	8.989	35.084	27.194	0.545	506.000	8.156	34.999	27.258	0.580
452.000	8.976	35.081	27.194	0.569	507.000	8.140	34.998	27.259	0.618
453.000	8.945	35.077	27.196	0.581	508.000	8.137	34.997	27.260	0.614
454.000	8.948	35.080	27.198	0.595	509.000	8.131	34.996	27.260	0.592
455.000	8.946	35.079	27.197	0.642	510.000	8.127	34.996	27.260	0.590
456.000	8.936	35.077	27.197	0.674	511.000	8.122	34.996	27.260	0.547
457.000	8.909	35.073	27.199	0.674	512.000	8.118	34.993	27.259	0.550
458.000	8.882	35.069	27.200	0.667	513.000	8.090	34.992	27.262	0.600
459.000	8.864	35.068	27.201	0.636	514.000	8.078	34.991	27.263	0.636
460.000	8.823	35.063	27.204	0.610	515.000	8.068	34.989	27.264	0.631
461.000	8.771	35.056	27.207	0.619	516.000	8.054	34.988	27.265	0.620
462.000	8.747	35.053	27.209	0.594	517.000	8.040	34.987	27.266	0.600
463.000	8.733	35.051	27.209	0.578	518.000	8.035	34.986	27.266	0.590
464.000	8.728	35.051	27.210	0.603	519.000	8.013	34.983	27.267	0.538
465.000	8.726	35.051	27.210	0.611	520.000	8.007	34.983	27.268	0.574
466.000	8.707	35.048	27.211	0.587	521.000	7.996	34.982	27.269	0.587
467.000	8.667	35.043	27.213	0.596	522.000	7.979	34.980	27.270	0.583
468.000	8.651	35.041	27.215	0.634	523.000	7.966	34.980	27.272	0.553
469.000	8.626	35.038	27.216	0.600	524.000	7.948	34.977	27.272	0.531
470.000	8.610	35.037	27.217	0.597	525.000	7.919	34.975	27.275	0.562
471.000	8.600	35.035	27.218	0.614	526.000	7.916	34.976	27.276	0.568
472.000	8.587	35.033	27.218	0.588	527.000	7.900	34.974	27.277	0.548
473.000	8.564	35.030	27.219	0.600	528.000	7.885	34.973	27.278	0.505
474.000	8.552	35.029	27.220	0.607	529.000	7.877	34.972	27.279	0.464
475.000	8.540	35.027	27.221	0.624	530.000	7.875	34.972	27.279	0.515
476.000	8.514	35.025	27.223	0.640	531.000	7.869	34.971	27.279	0.497
477.000	8.506	35.025	27.224	0.636	532.000	7.852	34.969	27.280	0.494
478.000	8.504	35.023	27.223	0.641	533.000	7.836	34.968	27.282	0.498
479.000	8.490	35.021	27.224	0.639	534.000	7.814	34.967	27.285	0.510
480.000	8.450	35.017	27.227	0.616	535.000	7.805	34.965	27.284	0.492
481.000	8.422	35.017	27.231	0.586	536.000	7.801	34.966	27.285	0.504
482.000	8.408	35.015	27.232	0.601	537.000	7.797	34.965	27.285	0.490
483.000	8.400	35.015	27.233	0.595	538.000	7.778	34.965	27.288	0.451
484.000	8.391	35.012	27.232	0.613	539.000	7.777	34.964	27.287	0.506
485.000	8.371	35.011	27.234	0.600	540.000	7.763	34.962	27.288	0.499
486.000	8.358	35.012	27.237	0.559	541.000	7.759	34.961	27.288	0.521
487.000	8.345	35.012	27.239	0.565	542.000	7.739	34.960	27.289	0.536

543.000	7.720	34.959	27.292	0.553	598.000	7.064	34.912	27.349	0.552
544.000	7.717	34.958	27.291	0.570	599.000	7.033	34.911	27.352	0.653
545.000	7.698	34.957	27.293	0.532	600.000	7.017	34.911	27.354	0.672
546.000	7.682	34.956	27.295	0.539	601.000	7.013	34.911	27.355	0.676
547.000	7.669	34.954	27.295	0.589	602.000	7.013	34.911	27.355	0.688
548.000	7.659	34.953	27.296	0.546	603.000	7.015	34.910	27.354	0.657
549.000	7.650	34.952	27.296	0.523	604.000	7.014	34.910	27.354	0.635
550.000	7.638	34.951	27.298	0.517	605.000	7.003	34.910	27.356	0.669
551.000	7.634	34.951	27.298	0.573	606.000	6.995	34.910	27.357	0.652
552.000	7.620	34.949	27.299	0.595	607.000	6.983	34.909	27.358	0.670
553.000	7.603	34.948	27.300	0.582	608.000	6.979	34.909	27.358	0.643
554.000	7.594	34.948	27.302	0.553	609.000	6.978	34.909	27.358	0.580
555.000	7.592	34.947	27.301	0.477	610.000	6.977	34.909	27.359	0.574
556.000	7.588	34.947	27.302	0.524	611.000	6.974	34.909	27.359	0.558
557.000	7.585	34.946	27.302	0.531	612.000	6.970	34.909	27.360	0.595
558.000	7.581	34.946	27.302	0.499	613.000	6.963	34.909	27.361	0.603
559.000	7.571	34.945	27.302	0.547	614.000	6.958	34.909	27.361	0.572
560.000	7.542	34.942	27.305	0.536	615.000	6.953	34.909	27.362	0.613
561.000	7.534	34.942	27.306	0.512	616.000	6.947	34.909	27.363	0.608
562.000	7.527	34.942	27.306	0.539	617.000	6.944	34.909	27.363	0.610
563.000	7.524	34.942	27.307	0.506	618.000	6.930	34.907	27.364	0.573
564.000	7.517	34.941	27.307	0.501	619.000	6.916	34.907	27.366	0.575
565.000	7.497	34.939	27.309	0.541	620.000	6.905	34.907	27.368	0.586
566.000	7.479	34.938	27.311	0.571	621.000	6.903	34.907	27.367	0.628
567.000	7.478	34.938	27.311	0.569	622.000	6.898	34.907	27.368	0.612
568.000	7.472	34.937	27.310	0.576	623.000	6.894	34.907	27.368	0.613
569.000	7.441	34.935	27.314	0.586	624.000	6.868	34.906	27.372	0.579
570.000	7.433	34.935	27.314	0.565	625.000	6.846	34.905	27.374	0.574
571.000	7.422	34.933	27.315	0.558	626.000	6.826	34.904	27.376	0.602
572.000	7.397	34.932	27.317	0.561	627.000	6.806	34.904	27.379	0.633
573.000	7.383	34.931	27.319	0.567	628.000	6.803	34.904	27.379	0.594
574.000	7.373	34.930	27.319	0.508	629.000	6.801	34.905	27.380	0.578
575.000	7.356	34.929	27.321	0.509	630.000	6.797	34.905	27.381	0.558
576.000	7.343	34.928	27.322	0.519	631.000	6.786	34.904	27.381	0.575
577.000	7.327	34.929	27.325	0.543	632.000	6.771	34.904	27.383	0.577
578.000	7.321	34.928	27.325	0.563	633.000	6.760	34.903	27.384	0.596
579.000	7.294	34.927	27.328	0.546	634.000	6.751	34.903	27.385	0.606
580.000	7.285	34.928	27.330	0.551	635.000	6.741	34.904	27.387	0.593
581.000	7.274	34.926	27.331	0.569	636.000	6.751	34.902	27.385	0.569
582.000	7.266	34.926	27.331	0.539	637.000	6.730	34.903	27.388	0.581
583.000	7.235	34.924	27.334	0.558	638.000	6.719	34.904	27.390	0.596
584.000	7.206	34.923	27.337	0.546	639.000	6.714	34.904	27.391	0.579
585.000	7.191	34.922	27.339	0.538	640.000	6.710	34.903	27.391	0.592
586.000	7.177	34.920	27.339	0.526	641.000	6.702	34.903	27.392	0.592
587.000	7.178	34.920	27.339	0.574	642.000	6.706	34.902	27.391	0.588
588.000	7.162	34.918	27.340	0.551	643.000	6.687	34.902	27.393	0.582
589.000	7.148	34.917	27.341	0.574	644.000	6.675	34.902	27.395	0.580
590.000	7.125	34.917	27.344	0.569	645.000	6.668	34.902	27.396	0.578
591.000	7.110	34.917	27.346	0.506	646.000	6.655	34.900	27.396	0.564
592.000	7.103	34.915	27.346	0.514	647.000	6.648	34.901	27.398	0.568
593.000	7.091	34.914	27.347	0.596	648.000	6.640	34.901	27.398	0.523
594.000	7.085	34.914	27.348	0.584	649.000	6.627	34.901	27.400	0.529
595.000	7.083	34.914	27.348	0.605	650.000	6.622	34.901	27.401	0.450
596.000	7.076	34.914	27.348	0.524	651.000	6.615	34.900	27.402	0.497
597.000	7.065	34.913	27.350	0.525	652.000	6.597	34.901	27.404	0.436

653.000	6.608	34.900	27.402	0.476	708.000	6.208	34.891	27.448	0.616
654.000	6.594	34.900	27.404	0.538	709.000	6.200	34.891	27.449	0.597
655.000	6.587	34.900	27.405	0.525	710.000	6.187	34.891	27.451	0.579
656.000	6.584	34.900	27.406	0.547	711.000	6.182	34.891	27.451	0.564
657.000	6.581	34.900	27.406	0.576	712.000	6.177	34.890	27.452	0.540
658.000	6.580	34.900	27.406	0.615	713.000	6.172	34.891	27.453	0.547
659.000	6.570	34.899	27.406	0.567	714.000	6.167	34.891	27.453	0.565
660.000	6.560	34.899	27.408	0.604	715.000	6.159	34.891	27.454	0.585
661.000	6.561	34.899	27.408	0.662	716.000	6.153	34.891	27.455	0.576
662.000	6.561	34.898	27.407	0.665	717.000	6.148	34.891	27.456	0.570
663.000	6.558	34.898	27.407	0.614	718.000	6.141	34.891	27.457	0.557
664.000	6.556	34.898	27.408	0.597	719.000	6.136	34.891	27.457	0.537
665.000	6.551	34.898	27.408	0.565	720.000	6.131	34.891	27.458	0.569
666.000	6.529	34.897	27.411	0.578	721.000	6.129	34.891	27.458	0.561
667.000	6.521	34.897	27.412	0.598	722.000	6.127	34.891	27.459	0.562
668.000	6.518	34.897	27.412	0.564	723.000	6.121	34.891	27.460	0.562
669.000	6.519	34.897	27.412	0.596	724.000	6.107	34.891	27.461	0.567
670.000	6.514	34.897	27.412	0.572	725.000	6.081	34.890	27.464	0.515
671.000	6.506	34.896	27.413	0.589	726.000	6.058	34.891	27.468	0.512
672.000	6.481	34.895	27.416	0.580	727.000	6.050	34.891	27.469	0.468
673.000	6.473	34.896	27.417	0.563	728.000	6.048	34.890	27.468	0.495
674.000	6.473	34.895	27.416	0.572	729.000	6.046	34.890	27.469	0.533
675.000	6.461	34.894	27.417	0.599	730.000	6.038	34.890	27.470	0.591
676.000	6.438	34.894	27.420	0.566	731.000	6.026	34.891	27.472	0.658
677.000	6.419	34.894	27.423	0.529	732.000	6.016	34.892	27.474	0.649
678.000	6.401	34.893	27.425	0.516	733.000	6.014	34.892	27.474	0.628
679.000	6.391	34.893	27.426	0.568	734.000	6.005	34.891	27.475	0.653
680.000	6.380	34.892	27.426	0.586	735.000	5.993	34.892	27.477	0.628
681.000	6.373	34.893	27.428	0.593	736.000	5.986	34.892	27.478	0.618
682.000	6.357	34.893	27.431	0.590	737.000	5.984	34.893	27.479	0.609
683.000	6.353	34.894	27.431	0.577	738.000	5.981	34.892	27.479	0.598
684.000	6.345	34.894	27.433	0.575	739.000	5.974	34.892	27.479	0.560
685.000	6.332	34.893	27.434	0.623	740.000	5.966	34.892	27.480	0.572
686.000	6.310	34.893	27.436	0.623	741.000	5.952	34.892	27.482	0.587
687.000	6.306	34.893	27.437	0.572	742.000	5.944	34.892	27.483	0.546
688.000	6.306	34.893	27.437	0.566	743.000	5.942	34.894	27.485	0.549
689.000	6.306	34.893	27.437	0.572	744.000	5.939	34.894	27.485	0.570
690.000	6.305	34.893	27.437	0.571	745.000	5.936	34.893	27.485	0.533
691.000	6.303	34.892	27.437	0.615	746.000	5.933	34.893	27.486	0.534
692.000	6.279	34.892	27.440	0.575	747.000	5.929	34.893	27.486	0.532
693.000	6.272	34.892	27.441	0.565	748.000	5.924	34.893	27.487	0.550
694.000	6.258	34.892	27.442	0.554	749.000	5.915	34.894	27.488	0.566
695.000	6.254	34.892	27.443	0.514	750.000	5.902	34.894	27.490	0.524
696.000	6.253	34.891	27.442	0.550	751.000	5.894	34.894	27.491	0.489
697.000	6.244	34.891	27.444	0.595	752.000	5.889	34.894	27.492	0.515
698.000	6.242	34.892	27.444	0.573	753.000	5.885	34.893	27.491	0.553
699.000	6.241	34.892	27.444	0.572	754.000	5.874	34.894	27.494	0.577
700.000	6.240	34.891	27.444	0.607	755.000	5.869	34.894	27.494	0.499
701.000	6.239	34.891	27.445	0.601	756.000	5.860	34.894	27.495	0.452
702.000	6.236	34.891	27.444	0.621	757.000	5.855	34.894	27.496	0.578
703.000	6.234	34.891	27.445	0.608	758.000	5.851	34.894	27.497	0.611
704.000	6.233	34.891	27.445	0.584	759.000	5.842	34.894	27.498	0.602
705.000	6.232	34.891	27.445	0.590	760.000	5.836	34.895	27.499	0.598
706.000	6.226	34.891	27.446	0.610	761.000	5.832	34.894	27.499	0.541
707.000	6.221	34.890	27.446	0.646	762.000	5.830	34.894	27.499	0.537

763.000	5.828	34.895	27.500	0.562	818.000	5.507	34.903	27.546	0.541
764.000	5.826	34.894	27.500	0.610	819.000	5.505	34.903	27.547	0.513
765.000	5.825	34.894	27.500	0.598	820.000	5.499	34.903	27.548	0.510
766.000	5.822	34.894	27.500	0.595	821.000	5.495	34.903	27.548	0.553
767.000	5.808	34.894	27.502	0.582	822.000	5.492	34.903	27.549	0.571
768.000	5.790	34.895	27.505	0.581	823.000	5.490	34.903	27.549	0.590
769.000	5.786	34.895	27.506	0.587	824.000	5.487	34.903	27.549	0.575
770.000	5.784	34.895	27.506	0.617	825.000	5.484	34.903	27.550	0.555
771.000	5.783	34.895	27.506	0.578	826.000	5.481	34.903	27.550	0.543
772.000	5.774	34.895	27.507	0.593	827.000	5.474	34.904	27.551	0.519
773.000	5.763	34.896	27.509	0.577	828.000	5.471	34.904	27.552	0.524
774.000	5.754	34.896	27.510	0.556	829.000	5.468	34.904	27.552	0.542
775.000	5.745	34.896	27.511	0.537	830.000	5.464	34.904	27.553	0.578
776.000	5.739	34.896	27.513	0.555	831.000	5.461	34.904	27.553	0.601
777.000	5.733	34.897	27.514	0.560	832.000	5.460	34.904	27.553	0.587
778.000	5.729	34.896	27.514	0.535	833.000	5.459	34.904	27.553	0.610
779.000	5.720	34.897	27.515	0.487	834.000	5.459	34.904	27.553	0.630
780.000	5.712	34.897	27.517	0.518	835.000	5.458	34.904	27.553	0.590
781.000	5.706	34.897	27.517	0.537	836.000	5.457	34.904	27.554	0.566
782.000	5.702	34.897	27.518	0.605	837.000	5.455	34.904	27.554	0.611
783.000	5.695	34.897	27.519	0.620	838.000	5.451	34.904	27.555	0.610
784.000	5.680	34.898	27.521	0.626	839.000	5.447	34.904	27.555	0.594
785.000	5.671	34.898	27.523	0.603	840.000	5.443	34.904	27.556	0.613
786.000	5.667	34.898	27.523	0.603	841.000	5.437	34.905	27.557	0.564
787.000	5.667	34.898	27.523	0.608	842.000	5.431	34.905	27.558	0.582
788.000	5.667	34.898	27.523	0.582	843.000	5.416	34.906	27.560	0.536
789.000	5.664	34.898	27.524	0.601	844.000	5.409	34.906	27.562	0.571
790.000	5.659	34.898	27.524	0.610	845.000	5.404	34.907	27.562	0.584
791.000	5.656	34.898	27.525	0.594	846.000	5.407	34.906	27.561	0.580
792.000	5.656	34.898	27.524	0.555	847.000	5.403	34.906	27.562	0.568
793.000	5.645	34.899	27.526	0.556	848.000	5.400	34.906	27.562	0.509
794.000	5.643	34.899	27.527	0.573	849.000	5.396	34.907	27.563	0.560
795.000	5.635	34.899	27.528	0.575	850.000	5.389	34.907	27.564	0.603
796.000	5.630	34.900	27.529	0.552	851.000	5.385	34.907	27.565	0.577
797.000	5.627	34.899	27.529	0.612	852.000	5.384	34.907	27.565	0.571
798.000	5.621	34.899	27.530	0.593	853.000	5.378	34.907	27.566	0.526
799.000	5.619	34.900	27.530	0.556	854.000	5.374	34.907	27.566	0.550
800.000	5.616	34.900	27.531	0.562	855.000	5.366	34.907	27.567	0.584
801.000	5.614	34.899	27.531	0.575	856.000	5.359	34.908	27.569	0.622
802.000	5.610	34.900	27.531	0.583	857.000	5.357	34.908	27.569	0.586
803.000	5.605	34.900	27.532	0.595	858.000	5.354	34.908	27.569	0.530
804.000	5.601	34.900	27.533	0.584	859.000	5.349	34.908	27.570	0.505
805.000	5.595	34.900	27.534	0.558	860.000	5.341	34.909	27.571	0.535
806.000	5.588	34.900	27.535	0.580	861.000	5.339	34.909	27.572	0.566
807.000	5.578	34.901	27.536	0.622	862.000	5.339	34.908	27.571	0.544
808.000	5.567	34.901	27.538	0.619	863.000	5.335	34.908	27.572	0.580
809.000	5.560	34.901	27.539	0.607	864.000	5.328	34.909	27.573	0.587
810.000	5.548	34.902	27.541	0.626	865.000	5.324	34.909	27.574	0.562
811.000	5.543	34.902	27.542	0.614	866.000	5.320	34.909	27.574	0.537
812.000	5.541	34.902	27.542	0.584	867.000	5.318	34.909	27.575	0.559
813.000	5.534	34.902	27.543	0.582	868.000	5.318	34.909	27.574	0.504
814.000	5.525	34.902	27.544	0.557	869.000	5.315	34.909	27.575	0.503
815.000	5.515	34.903	27.545	0.512	870.000	5.313	34.909	27.576	0.514
816.000	5.511	34.903	27.546	0.501	871.000	5.306	34.910	27.576	0.522
817.000	5.509	34.903	27.546	0.560	872.000	5.298	34.910	27.578	0.535



873.000	5.296	34.910	27.578	0.565	928.000	5.104	34.918	27.607	0.504
874.000	5.291	34.910	27.579	0.611	929.000	5.095	34.918	27.609	0.522
875.000	5.285	34.911	27.580	0.575	930.000	5.091	34.918	27.610	0.563
876.000	5.280	34.911	27.581	0.596	931.000	5.086	34.919	27.610	0.576
877.000	5.276	34.911	27.582	0.615	932.000	5.084	34.919	27.611	0.590
878.000	5.276	34.911	27.581	0.616	933.000	5.084	34.919	27.610	0.579
879.000	5.275	34.910	27.581	0.594	934.000	5.080	34.919	27.611	0.567
880.000	5.264	34.912	27.583	0.568	935.000	5.074	34.919	27.612	0.573
881.000	5.261	34.912	27.584	0.562	936.000	5.071	34.919	27.613	0.556
882.000	5.257	34.912	27.584	0.581	937.000	5.071	34.919	27.612	0.555
883.000	5.256	34.911	27.584	0.584	938.000	5.067	34.919	27.613	0.570
884.000	5.252	34.912	27.585	0.570	939.000	5.063	34.920	27.614	0.561
885.000	5.248	34.912	27.586	0.583	940.000	5.060	34.920	27.614	0.585
886.000	5.246	34.912	27.586	0.546	941.000	5.058	34.920	27.614	0.584
887.000	5.244	34.912	27.586	0.541	942.000	5.056	34.920	27.615	0.561
888.000	5.243	34.912	27.586	0.512	943.000	5.054	34.920	27.615	0.531
889.000	5.240	34.912	27.587	0.537	944.000	5.053	34.920	27.615	0.489
890.000	5.236	34.912	27.587	0.566	945.000	5.052	34.920	27.615	0.482
891.000	5.234	34.912	27.587	0.547	946.000	5.050	34.920	27.616	0.537
892.000	5.233	34.912	27.587	0.598	947.000	5.047	34.920	27.616	0.573
893.000	5.227	34.913	27.588	0.567	948.000	5.046	34.920	27.616	0.615
894.000	5.223	34.913	27.590	0.604	949.000	5.039	34.921	27.617	0.643
895.000	5.221	34.913	27.590	0.611	950.000	5.034	34.921	27.618	0.637
896.000	5.221	34.913	27.590	0.609	951.000	5.032	34.921	27.619	0.572
897.000	5.222	34.912	27.589	0.587	952.000	5.030	34.921	27.619	0.546
898.000	5.219	34.913	27.590	0.610	953.000	5.027	34.921	27.619	0.545
899.000	5.216	34.913	27.590	0.596	954.000	5.023	34.922	27.620	0.593
900.000	5.211	34.914	27.591	0.571	955.000	5.019	34.922	27.620	0.573
901.000	5.205	34.914	27.592	0.548	956.000	5.016	34.922	27.621	0.576
902.000	5.198	34.914	27.593	0.554	957.000	5.013	34.922	27.622	0.562
903.000	5.197	34.914	27.593	0.564	958.000	5.009	34.922	27.622	0.543
904.000	5.191	34.914	27.594	0.582	959.000	5.006	34.923	27.623	0.488
905.000	5.190	34.915	27.594	0.601	960.000	5.005	34.922	27.622	0.515
906.000	5.189	34.915	27.594	0.594	961.000	5.003	34.922	27.623	0.581
907.000	5.187	34.915	27.595	0.606	962.000	5.002	34.923	27.623	0.583
908.000	5.183	34.915	27.596	0.536	963.000	4.999	34.923	27.624	0.585
909.000	5.183	34.914	27.595	0.542	964.000	4.998	34.922	27.624	0.575
910.000	5.175	34.915	27.597	0.537	965.000	4.994	34.922	27.624	0.632
911.000	5.171	34.915	27.597	0.577	966.000	4.988	34.923	27.625	0.618
912.000	5.167	34.916	27.598	0.584	967.000	4.984	34.923	27.626	0.609
913.000	5.163	34.916	27.599	0.615	968.000	4.982	34.923	27.626	0.614
914.000	5.165	34.915	27.598	0.630	969.000	4.975	34.924	27.628	0.607
915.000	5.158	34.915	27.599	0.611	970.000	4.973	34.924	27.628	0.542
916.000	5.155	34.916	27.600	0.595	971.000	4.969	34.924	27.628	0.536
917.000	5.153	34.916	27.600	0.614	972.000	4.967	34.924	27.629	0.551
918.000	5.148	34.917	27.601	0.601	973.000	4.965	34.924	27.629	0.563
919.000	5.147	34.916	27.601	0.592	974.000	4.963	34.924	27.629	0.560
920.000	5.141	34.916	27.602	0.584	975.000	4.963	34.924	27.629	0.557
921.000	5.138	34.917	27.602	0.597	976.000	4.962	34.924	27.629	0.591
922.000	5.135	34.917	27.603	0.552	977.000	4.958	34.924	27.630	0.492
923.000	5.130	34.917	27.604	0.546	978.000	4.951	34.925	27.631	0.474
924.000	5.127	34.917	27.604	0.497	979.000	4.949	34.925	27.631	0.554
925.000	5.121	34.917	27.605	0.507	980.000	4.947	34.925	27.632	0.573
926.000	5.116	34.917	27.606	0.486	981.000	4.943	34.925	27.632	0.540
927.000	5.112	34.918	27.606	0.514	982.000	4.940	34.925	27.632	0.522

983.000	4.937	34.925	27.633	0.581	1038.000	4.769	34.934	27.659	0.589
984.000	4.937	34.925	27.633	0.564	1039.000	4.768	34.934	27.659	0.563
985.000	4.936	34.925	27.633	0.545	1040.000	4.764	34.933	27.660	0.524
986.000	4.935	34.925	27.633	0.568	1041.000	4.759	34.934	27.660	0.544
987.000	4.933	34.925	27.633	0.554	1042.000	4.754	34.934	27.662	0.550
988.000	4.931	34.925	27.634	0.573	1043.000	4.752	34.934	27.662	0.549
989.000	4.927	34.926	27.635	0.558	1044.000	4.748	34.935	27.663	0.547
990.000	4.924	34.926	27.635	0.544	1045.000	4.744	34.935	27.663	0.517
991.000	4.922	34.926	27.636	0.537	1046.000	4.738	34.935	27.664	0.519
992.000	4.920	34.926	27.636	0.573	1047.000	4.735	34.935	27.664	0.545
993.000	4.916	34.926	27.636	0.563	1048.000	4.733	34.935	27.665	0.613
994.000	4.914	34.926	27.637	0.541	1049.000	4.729	34.935	27.665	0.627
995.000	4.913	34.926	27.637	0.563	1050.000	4.727	34.936	27.666	0.605
996.000	4.910	34.926	27.637	0.543	1051.000	4.724	34.936	27.666	0.589
997.000	4.907	34.927	27.638	0.548	1052.000	4.722	34.936	27.666	0.577
998.000	4.905	34.927	27.638	0.584	1053.000	4.720	34.936	27.667	0.565
999.000	4.904	34.927	27.638	0.625	1054.000	4.714	34.936	27.667	0.574
1000.000	4.902	34.927	27.639	0.646	1055.000	4.709	34.936	27.668	0.527
1001.000	4.901	34.927	27.639	0.655	1056.000	4.706	34.937	27.669	0.537
1002.000	4.901	34.927	27.639	0.633	1057.000	4.705	34.937	27.669	0.524
1003.000	4.900	34.927	27.639	0.595	1058.000	4.705	34.937	27.669	0.547
1004.000	4.898	34.927	27.639	0.536	1059.000	4.702	34.937	27.669	0.562
1005.000	4.893	34.927	27.640	0.531	1060.000	4.697	34.937	27.670	0.556
1006.000	4.887	34.928	27.641	0.575	1061.000	4.696	34.937	27.670	0.516
1007.000	4.880	34.928	27.642	0.584	1062.000	4.695	34.937	27.670	0.521
1008.000	4.877	34.928	27.642	0.587	1063.000	4.694	34.937	27.671	0.522
1009.000	4.875	34.928	27.643	0.593	1064.000	4.692	34.937	27.671	0.553
1010.000	4.870	34.929	27.644	0.584	1065.000	4.686	34.938	27.672	0.584
1011.000	4.866	34.929	27.644	0.560	1066.000	4.683	34.938	27.673	0.598
1012.000	4.864	34.929	27.645	0.564	1067.000	4.680	34.938	27.673	0.581
1013.000	4.861	34.929	27.645	0.556	1068.000	4.677	34.938	27.674	0.587
1014.000	4.856	34.929	27.646	0.548	1069.000	4.674	34.938	27.674	0.550
1015.000	4.850	34.929	27.646	0.572	1070.000	4.671	34.938	27.674	0.542
1016.000	4.845	34.930	27.647	0.567	1071.000	4.669	34.938	27.674	0.564
1017.000	4.843	34.930	27.648	0.599	1072.000	4.665	34.939	27.675	0.547
1018.000	4.840	34.931	27.649	0.601	1073.000	4.659	34.939	27.677	0.533
1019.000	4.839	34.930	27.648	0.561	1074.000	4.657	34.939	27.677	0.529
1020.000	4.833	34.931	27.649	0.571	1075.000	4.661	34.938	27.675	0.580
1021.000	4.830	34.931	27.650	0.560	1076.000	4.653	34.939	27.677	0.555
1022.000	4.825	34.931	27.651	0.535	1077.000	4.648	34.940	27.678	0.567
1023.000	4.824	34.931	27.651	0.564	1078.000	4.646	34.940	27.678	0.558
1024.000	4.821	34.931	27.651	0.551	1079.000	4.645	34.940	27.679	0.539
1025.000	4.814	34.931	27.652	0.584	1080.000	4.647	34.939	27.678	0.559
1026.000	4.810	34.932	27.653	0.544	1081.000	4.645	34.940	27.678	0.593
1027.000	4.805	34.932	27.654	0.467	1082.000	4.641	34.940	27.679	0.583
1028.000	4.804	34.932	27.654	0.464	1083.000	4.639	34.940	27.679	0.550
1029.000	4.802	34.932	27.654	0.495	1084.000	4.638	34.940	27.679	0.559
1030.000	4.797	34.932	27.655	0.521	1085.000	4.635	34.940	27.680	0.519
1031.000	4.793	34.932	27.656	0.585	1086.000	4.635	34.940	27.680	0.563
1032.000	4.790	34.933	27.656	0.608	1087.000	4.631	34.940	27.680	0.564
1033.000	4.788	34.932	27.656	0.606	1088.000	4.628	34.940	27.681	0.540
1034.000	4.787	34.932	27.656	0.570	1089.000	4.624	34.941	27.682	0.503
1035.000	4.786	34.932	27.656	0.533	1090.000	4.624	34.941	27.682	0.506
1036.000	4.777	34.933	27.658	0.561	1091.000	4.624	34.940	27.681	0.482
1037.000	4.772	34.934	27.659	0.596	1092.000	4.621	34.940	27.682	0.454

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1093.000	4.618	34.941	27.683	0.467	1148.000	4.509	34.947	27.700	0.583
1094.000	4.616	34.941	27.683	0.491	1149.000	4.509	34.947	27.699	0.545
1095.000	4.614	34.941	27.683	0.563	1150.000	4.507	34.947	27.700	0.512
1096.000	4.614	34.941	27.683	0.581	1151.000	4.504	34.947	27.700	0.509
1097.000	4.614	34.941	27.683	0.605	1152.000	4.501	34.947	27.701	0.499
1098.000	4.612	34.941	27.683	0.595	1153.000	4.497	34.947	27.701	0.488
1099.000	4.612	34.941	27.683	0.571	1154.000	4.495	34.948	27.702	0.517
1100.000	4.611	34.942	27.684	0.554	1155.000	4.496	34.947	27.701	0.524
1101.000	4.607	34.942	27.684	0.509	1156.000	4.493	34.948	27.702	0.553
1102.000	4.602	34.942	27.685	0.493	1157.000	4.492	34.948	27.702	0.554
1103.000	4.599	34.942	27.685	0.521	1158.000	4.491	34.948	27.702	0.601
1104.000	4.598	34.942	27.686	0.550	1159.000	4.490	34.948	27.703	0.583
1105.000	4.596	34.942	27.686	0.534	1160.000	4.490	34.947	27.702	0.557
1106.000	4.594	34.942	27.686	0.481	1161.000	4.490	34.948	27.702	0.569
1107.000	4.593	34.942	27.686	0.534	1162.000	4.487	34.948	27.703	0.554
1108.000	4.590	34.942	27.687	0.533	1163.000	4.485	34.948	27.703	0.505
1109.000	4.589	34.942	27.687	0.495	1164.000	4.483	34.948	27.704	0.501
1110.000	4.585	34.943	27.688	0.520	1165.000	4.484	34.948	27.703	0.529
1111.000	4.580	34.943	27.688	0.560	1166.000	4.482	34.948	27.704	0.522
1112.000	4.578	34.943	27.689	0.579	1167.000	4.477	34.949	27.705	0.530
1113.000	4.576	34.943	27.689	0.540	1168.000	4.476	34.949	27.705	0.526
1114.000	4.574	34.943	27.689	0.525	1169.000	4.476	34.949	27.705	0.500
1115.000	4.572	34.943	27.689	0.578	1170.000	4.474	34.948	27.705	0.540
1116.000	4.569	34.944	27.690	0.564	1171.000	4.472	34.949	27.705	0.530
1117.000	4.566	34.944	27.691	0.550	1172.000	4.472	34.949	27.705	0.555
1118.000	4.566	34.944	27.690	0.555	1173.000	4.471	34.949	27.705	0.583
1119.000	4.564	34.944	27.691	0.510	1174.000	4.470	34.949	27.705	0.581
1120.000	4.562	34.944	27.691	0.520	1175.000	4.468	34.949	27.706	0.564
1121.000	4.559	34.944	27.692	0.584	1176.000	4.465	34.949	27.706	0.572
1122.000	4.557	34.944	27.692	0.543	1177.000	4.465	34.949	27.706	0.566
1123.000	4.555	34.944	27.692	0.528	1178.000	4.465	34.949	27.706	0.588
1124.000	4.551	34.944	27.693	0.493	1179.000	4.465	34.949	27.706	0.562
1125.000	4.551	34.944	27.693	0.508	1180.000	4.465	34.949	27.706	0.550
1126.000	4.551	34.944	27.693	0.566	1181.000	4.464	34.949	27.706	0.519
1127.000	4.547	34.945	27.694	0.620	1182.000	4.463	34.949	27.707	0.505
1128.000	4.544	34.945	27.694	0.598	1183.000	4.460	34.950	27.707	0.501
1129.000	4.542	34.945	27.694	0.569	1184.000	4.459	34.949	27.707	0.480
1130.000	4.538	34.945	27.695	0.520	1185.000	4.458	34.949	27.708	0.513
1131.000	4.536	34.946	27.695	0.532	1186.000	4.457	34.949	27.708	0.551
1132.000	4.535	34.945	27.695	0.547	1187.000	4.457	34.950	27.708	0.627
1133.000	4.533	34.945	27.696	0.568	1188.000	4.456	34.950	27.708	0.615
1134.000	4.532	34.945	27.696	0.567	1189.000	4.456	34.950	27.708	0.583
1135.000	4.530	34.945	27.696	0.584	1190.000	4.456	34.950	27.708	0.578
1136.000	4.527	34.946	27.697	0.558	1191.000	4.457	34.949	27.708	0.587
1137.000	4.523	34.946	27.697	0.535	1192.000	4.452	34.950	27.708	0.586
1138.000	4.519	34.947	27.698	0.543	1193.000	4.451	34.950	27.708	0.536
1139.000	4.523	34.945	27.697	0.549	1194.000	4.451	34.949	27.708	0.497
1140.000	4.517	34.946	27.698	0.495	1195.000	4.450	34.950	27.709	0.522
1141.000	4.516	34.946	27.698	0.546	1196.000	4.449	34.950	27.709	0.573
1142.000	4.515	34.946	27.699	0.577	1197.000	4.447	34.950	27.709	0.595
1143.000	4.514	34.947	27.699	0.621	1198.000	4.447	34.950	27.709	0.529
1144.000	4.515	34.946	27.698	0.582	1199.000	4.446	34.950	27.709	0.529
1145.000	4.514	34.946	27.699	0.583	1200.000	4.445	34.950	27.709	0.521
1146.000	4.512	34.947	27.699	0.540	1201.000	4.443	34.950	27.709	0.553
1147.000	4.511	34.947	27.699	0.554					

Cruise: 94G07  
 Date: Aug 19 1994  
 Time: 20:48:22 GMT  
 Lat.: 27 14.389N 96 10.068W  
 Lon.: 96 10.068W  
 Stn.: 008

Depth	Temp(c)	Sal	Sigma-t	Fluor
2.000	29.369	36.373	22.974	0.626
3.000	29.380	36.374	22.970	0.683
4.000	29.387	36.374	22.968	0.699
5.000	29.385	36.374	22.969	0.708
6.000	29.387	36.374	22.969	0.672
7.000	29.382	36.374	22.970	0.700
8.000	29.380	36.373	22.971	0.666
9.000	29.322	36.371	22.989	0.670
10.000	29.268	36.372	23.007	0.720
11.000	29.232	36.371	23.019	0.700
12.000	29.177	36.370	23.037	0.717
13.000	29.158	36.371	23.044	0.746
14.000	29.147	36.371	23.048	0.752
15.000	29.135	36.370	23.051	0.796
16.000	29.130	36.370	23.053	0.816
17.000	29.117	36.369	23.057	0.767
18.000	29.082	36.368	23.068	0.777
19.000	29.014	36.364	23.088	0.809
20.000	28.950	36.364	23.110	0.807
21.000	28.880	36.363	23.132	0.782
22.000	28.796	36.361	23.159	0.796
23.000	28.716	36.358	23.183	0.836
24.000	28.574	36.362	23.234	0.835
25.000	28.214	36.354	23.347	0.824
26.000	27.850	36.337	23.454	0.851
27.000	27.373	36.327	23.602	0.862
28.000	27.059	36.320	23.698	0.870
29.000	26.619	36.331	23.846	0.885
30.000	26.166	36.330	23.989	0.901
31.000	25.818	36.322	24.092	0.884
32.000	25.597	36.318	24.157	0.903
33.000	25.430	36.317	24.209	0.880
34.000	25.186	36.309	24.278	0.904
35.000	24.895	36.314	24.371	0.904
36.000	24.653	36.316	24.446	0.933
37.000	24.491	36.317	24.496	0.932
38.000	24.361	36.319	24.537	0.932
39.000	24.260	36.323	24.570	0.953
40.000	24.112	36.331	24.620	0.943
41.000	24.049	36.352	24.655	0.960
42.000	23.949	36.354	24.686	0.973
43.000	23.781	36.353	24.736	1.012
44.000	23.389	36.318	24.824	1.005
45.000	23.102	36.292	24.889	1.024
46.000	22.966	36.320	24.950	1.041
47.000	22.850	36.331	24.991	1.049

48.000	22.712	36.325	25.026	1.057
49.000	22.554	36.322	25.070	1.050
50.000	22.486	36.339	25.102	1.088
51.000	22.346	36.347	25.148	1.105
52.000	22.238	36.347	25.179	1.105
53.000	22.040	36.344	25.233	1.124
54.000	21.939	36.354	25.268	1.150
55.000	21.875	36.359	25.291	1.203
56.000	21.686	36.366	25.349	1.207
57.000	21.615	36.376	25.377	1.232
58.000	21.456	36.383	25.426	1.278
59.000	21.262	36.394	25.488	1.319
60.000	21.162	36.397	25.518	1.399
61.000	21.108	36.397	25.533	1.483
62.000	21.045	36.390	25.545	1.598
63.000	20.873	36.372	25.578	1.637
64.000	20.677	36.351	25.615	1.671
65.000	20.663	36.361	25.627	1.718
66.000	20.518	36.350	25.658	1.711
67.000	20.479	36.348	25.667	1.717
68.000	20.467	36.351	25.672	1.727
69.000	20.407	36.344	25.684	1.722
70.000	20.341	36.350	25.706	1.715
71.000	20.355	36.396	25.737	1.702
72.000	20.346	36.416	25.755	1.662
73.000	20.305	36.423	25.771	1.600
74.000	20.231	36.419	25.788	1.574
75.000	20.178	36.416	25.800	1.549
76.000	20.163	36.416	25.803	1.521
77.000	20.105	36.417	25.820	1.510
78.000	19.984	36.409	25.847	1.519
79.000	19.880	36.401	25.868	1.484
80.000	19.771	36.385	25.884	1.436
81.000	19.673	36.380	25.906	1.423
82.000	19.676	36.391	25.914	1.404
83.000	19.706	36.404	25.916	1.377
84.000	19.643	36.417	25.942	1.369
85.000	19.611	36.422	25.955	1.363
86.000	19.632	36.420	25.948	1.342
87.000	19.554	36.425	25.972	1.313
88.000	19.489	36.426	25.990	1.294
89.000	19.439	36.427	26.004	1.257
90.000	19.356	36.438	26.034	1.222
91.000	19.318	36.438	26.044	1.177
92.000	19.248	36.440	26.064	1.144
93.000	19.166	36.438	26.083	1.141
94.000	19.090	36.432	26.099	1.122
95.000	19.000	36.432	26.122	1.104
96.000	18.929	36.430	26.138	1.095
97.000	18.857	36.428	26.156	1.077
98.000	18.817	36.427	26.165	1.036
99.000	18.783	36.425	26.172	1.017
100.000	18.744	36.424	26.181	1.033
101.000	18.724	36.423	26.186	1.033
102.000	18.702	36.421	26.190	0.988

103.000	18.634	36.420	26.206	0.978	158.000	15.868	36.106	26.636	0.649
104.000	18.582	36.420	26.219	0.966	159.000	15.873	36.104	26.633	0.668
105.000	18.511	36.430	26.245	0.970	160.000	15.836	36.098	26.637	0.623
106.000	18.463	36.433	26.260	0.959	161.000	15.809	36.093	26.640	0.624
107.000	18.419	36.429	26.268	0.959	162.000	15.818	36.094	26.639	0.631
108.000	18.381	36.426	26.275	0.982	163.000	15.779	36.086	26.641	0.613
109.000	18.311	36.418	26.287	0.945	164.000	15.724	36.079	26.648	0.666
110.000	18.276	36.416	26.294	0.903	165.000	15.669	36.071	26.654	0.680
111.000	18.220	36.407	26.301	0.885	166.000	15.642	36.074	26.663	0.650
112.000	18.128	36.399	26.318	0.888	167.000	15.578	36.054	26.662	0.618
113.000	18.102	36.395	26.322	0.863	168.000	15.452	36.042	26.681	0.649
114.000	18.084	36.392	26.324	0.882	169.000	15.428	36.039	26.684	0.674
115.000	18.061	36.387	26.326	0.919	170.000	15.406	36.035	26.686	0.660
116.000	17.992	36.377	26.336	0.929	171.000	15.335	36.025	26.695	0.618
117.000	17.848	36.362	26.360	0.883	172.000	15.283	36.013	26.697	0.661
118.000	17.696	36.348	26.386	0.893	173.000	15.228	36.008	26.706	0.612
119.000	17.640	36.342	26.395	0.880	174.000	15.221	36.007	26.707	0.603
120.000	17.578	36.335	26.405	0.891	175.000	15.231	36.006	26.703	0.602
121.000	17.506	36.326	26.416	0.888	176.000	15.198	36.000	26.706	0.622
122.000	17.481	36.325	26.421	0.887	177.000	15.162	35.996	26.711	0.626
123.000	17.472	36.323	26.422	0.865	178.000	15.181	35.999	26.709	0.664
124.000	17.449	36.320	26.425	0.884	179.000	15.103	35.987	26.717	0.683
125.000	17.432	36.319	26.428	0.862	180.000	15.074	35.984	26.721	0.643
126.000	17.398	36.314	26.433	0.849	181.000	15.073	35.983	26.721	0.601
127.000	17.331	36.304	26.442	0.829	182.000	15.009	35.969	26.725	0.616
128.000	17.244	36.296	26.456	0.818	183.000	14.924	35.961	26.737	0.627
129.000	17.188	36.289	26.465	0.816	184.000	14.910	35.958	26.738	0.624
130.000	17.149	36.285	26.471	0.820	185.000	14.849	35.946	26.742	0.622
131.000	17.126	36.280	26.473	0.785	186.000	14.771	35.936	26.751	0.621
132.000	17.100	36.276	26.476	0.799	187.000	14.744	35.932	26.754	0.625
133.000	17.003	36.263	26.490	0.838	188.000	14.703	35.925	26.758	0.655
134.000	16.973	36.262	26.496	0.781	189.000	14.658	35.918	26.762	0.656
135.000	16.938	36.252	26.497	0.766	190.000	14.619	35.914	26.767	0.684
136.000	16.799	36.239	26.520	0.782	191.000	14.573	35.903	26.770	0.628
137.000	16.764	36.236	26.526	0.753	192.000	14.476	35.891	26.781	0.627
138.000	16.742	36.232	26.529	0.742	193.000	14.441	35.888	26.786	0.609
139.000	16.743	36.229	26.526	0.681	194.000	14.457	35.888	26.783	0.618
140.000	16.696	36.225	26.534	0.702	195.000	14.423	35.882	26.786	0.642
141.000	16.689	36.223	26.534	0.710	196.000	14.412	35.881	26.787	0.626
142.000	16.657	36.218	26.538	0.697	197.000	14.406	35.879	26.787	0.604
143.000	16.647	36.215	26.538	0.652	198.000	14.399	35.878	26.788	0.628
144.000	16.523	36.199	26.555	0.666	199.000	14.399	35.877	26.787	0.646
145.000	16.465	36.193	26.564	0.671	200.000	14.381	35.873	26.788	0.658
146.000	16.435	36.189	26.568	0.658	201.000	14.346	35.868	26.791	0.691
147.000	16.461	36.190	26.563	0.653	202.000	14.320	35.865	26.795	0.678
148.000	16.382	36.179	26.573	0.663	203.000	14.261	35.856	26.801	0.621
149.000	16.347	36.172	26.576	0.668	204.000	14.221	35.851	26.805	0.607
150.000	16.352	36.174	26.576	0.690	205.000	14.193	35.846	26.807	0.614
151.000	16.312	36.164	26.578	0.648	206.000	14.168	35.841	26.809	0.597
152.000	16.203	36.151	26.593	0.633	207.000	14.090	35.828	26.816	0.557
153.000	16.143	36.148	26.604	0.630	208.000	14.044	35.822	26.821	0.576
154.000	16.117	36.138	26.603	0.618	209.000	14.010	35.819	26.826	0.575
155.000	16.012	36.126	26.618	0.624	210.000	13.986	35.810	26.823	0.603
156.000	15.979	36.120	26.621	0.614	211.000	13.909	35.801	26.833	0.612
157.000	15.888	36.109	26.633	0.673	212.000	13.887	35.799	26.836	0.643

213.000	13.892	35.798	26.834	0.654	268.000	12.499	35.583	26.952	0.621
214.000	13.880	35.796	26.835	0.608	269.000	12.457	35.577	26.956	0.582
215.000	13.873	35.795	26.836	0.564	270.000	12.442	35.575	26.957	0.611
216.000	13.872	35.795	26.836	0.583	271.000	12.434	35.573	26.958	0.641
217.000	13.858	35.791	26.836	0.587	272.000	12.411	35.568	26.958	0.641
218.000	13.822	35.787	26.841	0.618	273.000	12.352	35.561	26.964	0.617
219.000	13.815	35.786	26.841	0.611	274.000	12.357	35.561	26.964	0.616
220.000	13.790	35.782	26.843	0.619	275.000	12.340	35.557	26.964	0.595
221.000	13.767	35.779	26.846	0.620	276.000	12.286	35.550	26.969	0.626
222.000	13.756	35.776	26.846	0.613	277.000	12.279	35.550	26.970	0.636
223.000	13.696	35.768	26.852	0.608	278.000	12.214	35.536	26.972	0.633
224.000	13.650	35.759	26.855	0.617	279.000	12.153	35.531	26.980	0.668
225.000	13.650	35.760	26.856	0.668	280.000	12.135	35.527	26.980	0.673
226.000	13.591	35.751	26.861	0.676	281.000	12.052	35.514	26.986	0.675
227.000	13.571	35.749	26.863	0.607	282.000	11.950	35.503	26.997	0.641
228.000	13.561	35.746	26.864	0.520	283.000	11.935	35.500	26.998	0.556
229.000	13.550	35.744	26.864	0.578	284.000	11.929	35.498	26.997	0.558
230.000	13.542	35.743	26.865	0.604	285.000	11.908	35.494	26.998	0.574
231.000	13.533	35.741	26.866	0.613	286.000	11.874	35.489	27.001	0.563
232.000	13.513	35.738	26.867	0.597	287.000	11.861	35.488	27.002	0.562
233.000	13.473	35.731	26.871	0.587	288.000	11.855	35.486	27.002	0.584
234.000	13.448	35.728	26.873	0.617	289.000	11.836	35.482	27.003	0.638
235.000	13.424	35.723	26.875	0.617	290.000	11.801	35.478	27.006	0.640
236.000	13.401	35.721	26.877	0.612	291.000	11.794	35.477	27.007	0.631
237.000	13.368	35.713	26.878	0.603	292.000	11.755	35.470	27.009	0.613
238.000	13.238	35.693	26.889	0.598	293.000	11.724	35.467	27.012	0.578
239.000	13.211	35.697	26.898	0.609	294.000	11.716	35.465	27.013	0.587
240.000	13.201	35.689	26.894	0.683	295.000	11.705	35.464	27.014	0.601
241.000	13.144	35.684	26.901	0.685	296.000	11.669	35.458	27.016	0.637
242.000	13.137	35.682	26.902	0.676	297.000	11.618	35.451	27.020	0.656
243.000	13.131	35.681	26.902	0.616	298.000	11.585	35.448	27.024	0.652
244.000	13.126	35.680	26.902	0.611	299.000	11.563	35.441	27.023	0.592
245.000	13.101	35.676	26.904	0.627	300.000	11.518	35.438	27.029	0.606
246.000	13.078	35.672	26.905	0.645	301.000	11.521	35.437	27.028	0.573
247.000	13.055	35.669	26.908	0.634	302.000	11.507	35.434	27.028	0.582
248.000	13.049	35.667	26.907	0.625	303.000	11.493	35.433	27.029	0.582
249.000	13.031	35.665	26.909	0.600	304.000	11.492	35.432	27.029	0.592
250.000	13.016	35.662	26.911	0.583	305.000	11.483	35.430	27.029	0.595
251.000	13.022	35.662	26.910	0.627	306.000	11.469	35.429	27.031	0.579
252.000	12.993	35.656	26.910	0.603	307.000	11.464	35.428	27.031	0.597
253.000	12.920	35.646	26.917	0.629	308.000	11.448	35.424	27.031	0.621
254.000	12.887	35.644	26.922	0.605	309.000	11.429	35.422	27.033	0.649
255.000	12.850	35.634	26.922	0.669	310.000	11.419	35.421	27.034	0.621
256.000	12.825	35.633	26.927	0.652	311.000	11.398	35.417	27.035	0.620
257.000	12.820	35.632	26.926	0.688	312.000	11.374	35.415	27.038	0.623
258.000	12.809	35.629	26.927	0.691	313.000	11.373	35.414	27.037	0.630
259.000	12.792	35.627	26.928	0.639	314.000	11.333	35.406	27.039	0.615
260.000	12.779	35.624	26.929	0.604	315.000	11.285	35.402	27.045	0.625
261.000	12.742	35.619	26.932	0.597	316.000	11.285	35.401	27.044	0.699
262.000	12.710	35.614	26.935	0.589	317.000	11.251	35.396	27.046	0.674
263.000	12.691	35.611	26.937	0.626	318.000	11.233	35.395	27.048	0.672
264.000	12.625	35.601	26.941	0.629	319.000	11.226	35.393	27.048	0.667
265.000	12.573	35.595	26.947	0.590	320.000	11.197	35.388	27.050	0.671
266.000	12.558	35.593	26.949	0.591	321.000	11.156	35.383	27.053	0.688
267.000	12.539	35.588	26.949	0.595	322.000	11.127	35.379	27.055	0.688

323.000	11.091	35.374	27.059	0.636	332.000	10.993	35.359	27.064	0.585
324.000	11.073	35.371	27.059	0.666	333.000	10.991	35.358	27.064	0.564
325.000	11.059	35.369	27.060	0.639	334.000	10.988	35.358	27.065	0.573
326.000	11.038	35.366	27.062	0.601	335.000	10.979	35.356	27.065	0.603
327.000	11.023	35.363	27.062	0.646	336.000	10.974	35.355	27.066	0.603
328.000	11.004	35.361	27.064	0.634	337.000	10.971	35.355	27.066	0.641
329.000	11.000	35.360	27.064	0.599	338.000	10.963	35.354	27.066	0.634
330.000	10.999	35.360	27.064	0.566	339.000	10.960	35.354	27.066	0.650
331.000	10.997	35.360	27.064	0.604	340.000	10.950	35.352	27.067	0.622

Cruise: 94G07  
 Date: Aug 19 1994  
 Time: 22:27:02 GMT  
 Lat.: 27 13.789N  
 Lon.: 96 08.680W  
 Stn.: 0088

48.000	22.452	36.347	25.118	1.078
49.000	22.309	36.343	25.156	1.092
50.000	22.166	36.347	25.199	1.095
51.000	22.070	36.358	25.235	1.126
52.000	21.954	36.361	25.270	1.167
53.000	21.836	36.367	25.308	1.254
54.000	21.759	36.367	25.329	1.245
55.000	21.612	36.372	25.374	1.249
56.000	21.530	36.375	25.399	1.267
57.000	21.462	36.381	25.423	1.291
58.000	21.408	36.381	25.438	1.321
59.000	21.382	36.381	25.445	1.325
60.000	21.322	36.381	25.462	1.338
61.000	21.195	36.388	25.502	1.369
62.000	21.078	36.395	25.539	1.450
63.000	21.010	36.396	25.559	1.520
64.000	20.901	36.401	25.592	1.628
65.000	20.801	36.409	25.626	1.676
66.000	20.704	36.415	25.657	1.683
67.000	20.636	36.419	25.679	1.673
68.000	20.582	36.424	25.697	1.667
69.000	20.519	36.426	25.716	1.642
70.000	20.460	36.428	25.733	1.619
71.000	20.366	36.434	25.763	1.606
72.000	20.265	36.433	25.790	1.570
73.000	20.188	36.431	25.809	1.536
74.000	20.125	36.424	25.820	1.525
75.000	19.972	36.410	25.850	1.506
76.000	19.896	36.407	25.868	1.503
77.000	19.841	36.410	25.885	1.497
78.000	19.822	36.411	25.891	1.489
79.000	19.801	36.418	25.902	1.453
80.000	19.772	36.419	25.910	1.447
81.000	19.747	36.418	25.916	1.438
82.000	19.720	36.417	25.922	1.420
83.000	19.705	36.417	25.926	1.414
84.000	19.687	36.419	25.933	1.402
85.000	19.656	36.423	25.944	1.398
86.000	19.637	36.426	25.951	1.376
87.000	19.605	36.428	25.961	1.361
88.000	19.483	36.436	25.999	1.341
89.000	19.316	36.436	26.043	1.285
90.000	19.176	36.435	26.079	1.224
91.000	19.141	36.433	26.086	1.193
92.000	19.130	36.432	26.088	1.157
93.000	19.108	36.429	26.092	1.133
94.000	19.009	36.429	26.117	1.155
95.000	18.984	36.428	26.123	1.157
96.000	18.976	36.426	26.124	1.098
97.000	18.954	36.426	26.129	1.090
98.000	18.932	36.425	26.134	1.092
99.000	18.857	36.425	26.153	1.090
100.000	18.786	36.424	26.170	1.069
101.000	18.722	36.422	26.186	1.026
102.000	18.659	36.421	26.201	1.016

Depth	Temp(c)	Sal	Sigma-t	Fluor
2.000	29.306	36.375	22.996	0.749
3.000	29.309	36.374	22.994	0.758
4.000	29.308	36.375	22.996	0.760
5.000	29.308	36.375	22.996	0.753
6.000	29.314	36.376	22.995	0.760
7.000	29.327	36.375	22.990	0.753
8.000	29.320	36.375	22.992	0.754
9.000	29.304	36.375	22.998	0.772
10.000	29.286	36.374	23.003	0.782
11.000	29.260	36.375	23.012	0.805
12.000	29.242	36.374	23.018	0.797
13.000	29.200	36.374	23.032	0.767
14.000	29.180	36.374	23.039	0.814
15.000	29.175	36.374	23.041	0.836
16.000	29.171	36.374	23.042	0.835
17.000	29.162	36.373	23.045	0.838
18.000	29.148	36.372	23.049	0.845
19.000	29.120	36.370	23.057	0.844
20.000	29.090	36.368	23.065	0.823
21.000	29.070	36.367	23.071	0.806
22.000	29.012	36.364	23.089	0.808
23.000	28.864	36.360	23.135	0.849
24.000	28.742	36.356	23.174	0.838
25.000	28.633	36.351	23.206	0.849
26.000	28.227	36.339	23.331	0.847
27.000	27.735	36.325	23.482	0.876
28.000	27.141	36.329	23.678	0.901
29.000	26.586	36.327	23.854	0.920
30.000	25.977	36.318	24.039	0.956
31.000	25.659	36.324	24.143	0.970
32.000	25.324	36.333	24.254	0.979
33.000	25.150	36.335	24.309	0.983
34.000	25.042	36.330	24.338	0.960
35.000	24.836	36.324	24.396	0.954
36.000	24.644	36.320	24.451	0.947
37.000	24.476	36.320	24.503	0.951
38.000	24.316	36.330	24.559	0.943
39.000	24.169	36.348	24.616	0.947
40.000	23.972	36.351	24.677	0.980
41.000	23.618	36.325	24.763	1.003
42.000	23.266	36.285	24.835	1.036
43.000	23.006	36.282	24.909	1.040
44.000	22.921	36.318	24.960	1.078
45.000	22.851	36.323	24.985	1.059
46.000	22.750	36.326	25.016	1.061
47.000	22.648	36.336	25.054	1.089



103.000	18.632	36.420	26.207	0.997	158.000	16.013	36.124	26.616	0.646
104.000	18.571	36.419	26.222	0.970	159.000	15.963	36.116	26.622	0.659
105.000	18.530	36.418	26.231	1.009	160.000	15.924	36.111	26.626	0.690
106.000	18.486	36.420	26.244	1.036	161.000	15.898	36.106	26.629	0.682
107.000	18.469	36.422	26.250	1.006	162.000	15.873	36.103	26.633	0.665
108.000	18.453	36.421	26.253	0.958	163.000	15.854	36.099	26.634	0.655
109.000	18.401	36.420	26.266	0.934	164.000	15.818	36.094	26.638	0.665
110.000	18.343	36.413	26.275	0.940	165.000	15.794	36.091	26.642	0.644
111.000	18.239	36.403	26.293	0.921	166.000	15.772	36.088	26.644	0.639
112.000	18.189	36.400	26.303	0.920	167.000	15.743	36.084	26.648	0.648
113.000	18.110	36.390	26.316	0.913	168.000	15.714	36.078	26.650	0.669
114.000	17.938	36.373	26.345	0.936	169.000	15.630	36.065	26.659	0.656
115.000	17.844	36.363	26.361	0.937	170.000	15.564	36.058	26.668	0.671
116.000	17.742	36.355	26.380	0.890	171.000	15.534	36.054	26.672	0.608
117.000	17.700	36.349	26.386	0.864	172.000	15.516	36.050	26.673	0.565
118.000	17.665	36.346	26.392	0.869	173.000	15.490	36.046	26.676	0.597
119.000	17.651	36.343	26.394	0.866	174.000	15.447	36.038	26.680	0.611
120.000	17.639	36.342	26.396	0.869	175.000	15.396	36.029	26.684	0.615
121.000	17.619	36.338	26.398	0.882	176.000	15.307	36.017	26.695	0.622
122.000	17.567	36.333	26.406	0.898	177.000	15.249	36.008	26.701	0.629
123.000	17.504	36.325	26.416	0.866	178.000	15.181	35.997	26.708	0.660
124.000	17.411	36.315	26.431	0.827	179.000	15.129	35.991	26.715	0.664
125.000	17.355	36.309	26.440	0.798	180.000	15.090	35.984	26.718	0.606
126.000	17.320	36.305	26.445	0.792	181.000	15.030	35.974	26.724	0.606
127.000	17.301	36.302	26.448	0.791	182.000	14.965	35.966	26.732	0.616
128.000	17.258	36.295	26.453	0.808	183.000	14.923	35.960	26.737	0.636
129.000	17.177	36.288	26.467	0.834	184.000	14.901	35.956	26.738	0.594
130.000	17.136	36.283	26.473	0.790	185.000	14.873	35.950	26.740	0.565
131.000	17.088	36.278	26.481	0.737	186.000	14.844	35.946	26.743	0.614
132.000	17.065	36.276	26.484	0.709	187.000	14.772	35.935	26.751	0.666
133.000	17.039	36.270	26.486	0.722	188.000	14.736	35.930	26.755	0.661
134.000	16.955	36.258	26.497	0.730	189.000	14.706	35.926	26.758	0.664
135.000	16.882	36.251	26.510	0.757	190.000	14.691	35.924	26.760	0.621
136.000	16.861	36.248	26.513	0.747	191.000	14.674	35.920	26.760	0.626
137.000	16.819	36.242	26.518	0.722	192.000	14.666	35.920	26.762	0.642
138.000	16.772	36.234	26.523	0.692	193.000	14.660	35.919	26.762	0.620
139.000	16.685	36.222	26.534	0.671	194.000	14.649	35.916	26.762	0.601
140.000	16.627	36.214	26.542	0.679	195.000	14.597	35.907	26.767	0.632
141.000	16.571	36.207	26.549	0.681	196.000	14.539	35.899	26.774	0.654
142.000	16.534	36.202	26.554	0.703	197.000	14.500	35.894	26.778	0.672
143.000	16.496	36.197	26.560	0.656	198.000	14.450	35.886	26.783	0.653
144.000	16.479	36.193	26.561	0.637	199.000	14.415	35.880	26.786	0.555
145.000	16.456	36.189	26.563	0.668	200.000	14.394	35.876	26.787	0.605
146.000	16.441	36.187	26.565	0.641	201.000	14.315	35.864	26.795	0.580
147.000	16.408	36.181	26.568	0.655	202.000	14.268	35.857	26.800	0.629
148.000	16.362	36.175	26.574	0.668	203.000	14.207	35.848	26.806	0.619
149.000	16.330	36.168	26.577	0.638	204.000	14.151	35.839	26.811	0.623
150.000	16.292	36.164	26.582	0.651	205.000	14.128	35.835	26.813	0.654
151.000	16.257	36.160	26.588	0.621	206.000	14.069	35.826	26.818	0.656
152.000	16.224	36.155	26.591	0.699	207.000	14.039	35.822	26.822	0.646
153.000	16.177	36.147	26.596	0.721	208.000	14.034	35.820	26.822	0.636
154.000	16.123	36.141	26.604	0.658	209.000	14.025	35.819	26.823	0.643
155.000	16.102	36.137	26.606	0.633	210.000	14.022	35.818	26.822	0.623
156.000	16.066	36.132	26.610	0.633	211.000	14.018	35.817	26.822	0.686
157.000	16.042	36.128	26.613	0.645	212.000	14.008	35.815	26.823	0.658

213.000	14.003	35.814	26.823	0.608	268.000	12.726	35.616	26.933	0.660
214.000	13.999	35.813	26.823	0.609	269.000	12.708	35.613	26.935	0.675
215.000	13.985	35.811	26.824	0.634	270.000	12.678	35.608	26.937	0.639
216.000	13.976	35.809	26.825	0.616	271.000	12.630	35.601	26.941	0.593
217.000	13.947	35.804	26.828	0.663	272.000	12.605	35.599	26.944	0.603
218.000	13.923	35.801	26.830	0.669	273.000	12.598	35.598	26.945	0.576
219.000	13.911	35.800	26.832	0.576	274.000	12.568	35.593	26.947	0.606
220.000	13.897	35.797	26.833	0.580	275.000	12.529	35.586	26.950	0.629
221.000	13.851	35.790	26.837	0.597	276.000	12.476	35.578	26.953	0.617
222.000	13.803	35.783	26.841	0.649	277.000	12.434	35.574	26.958	0.600
223.000	13.772	35.779	26.845	0.614	278.000	12.401	35.567	26.960	0.614
224.000	13.760	35.776	26.845	0.614	279.000	12.346	35.559	26.964	0.630
225.000	13.698	35.767	26.851	0.626	280.000	12.314	35.556	26.968	0.632
226.000	13.651	35.761	26.856	0.649	281.000	12.307	35.554	26.968	0.626
227.000	13.615	35.754	26.858	0.663	282.000	12.283	35.549	26.969	0.645
228.000	13.538	35.742	26.865	0.654	283.000	12.229	35.543	26.975	0.661
229.000	13.460	35.732	26.874	0.652	284.000	12.203	35.538	26.976	0.671
230.000	13.444	35.729	26.875	0.593	285.000	12.137	35.527	26.980	0.638
231.000	13.433	35.727	26.875	0.624	286.000	12.074	35.519	26.986	0.599
232.000	13.416	35.724	26.876	0.603	287.000	12.036	35.513	26.989	0.572
233.000	13.408	35.723	26.877	0.603	288.000	12.017	35.511	26.991	0.583
234.000	13.404	35.722	26.877	0.599	289.000	12.013	35.510	26.991	0.551
235.000	13.396	35.719	26.877	0.659	290.000	12.010	35.509	26.990	0.600
236.000	13.370	35.716	26.880	0.667	291.000	12.004	35.508	26.991	0.589
237.000	13.320	35.708	26.884	0.655	292.000	11.995	35.505	26.991	0.603
238.000	13.286	35.705	26.889	0.634	293.000	11.962	35.502	26.994	0.608
239.000	13.269	35.701	26.889	0.674	294.000	11.943	35.499	26.996	0.616
240.000	13.256	35.698	26.889	0.666	295.000	11.920	35.495	26.997	0.604
241.000	13.242	35.696	26.891	0.686	296.000	11.869	35.488	27.001	0.621
242.000	13.216	35.693	26.893	0.662	297.000	11.828	35.482	27.004	0.589
243.000	13.200	35.689	26.894	0.598	298.000	11.788	35.477	27.008	0.614
244.000	13.146	35.681	26.899	0.643	299.000	11.766	35.473	27.010	0.673
245.000	13.119	35.678	26.902	0.619	300.000	11.759	35.473	27.011	0.681
246.000	13.113	35.676	26.902	0.619	301.000	11.759	35.472	27.010	0.629
247.000	13.093	35.673	26.903	0.641	302.000	11.747	35.469	27.010	0.649
248.000	13.083	35.672	26.905	0.636	303.000	11.690	35.461	27.014	0.686
249.000	13.075	35.670	26.905	0.619	304.000	11.668	35.459	27.017	0.652
250.000	13.071	35.669	26.905	0.589	305.000	11.643	35.454	27.018	0.665
251.000	13.055	35.666	26.906	0.628	306.000	11.616	35.450	27.020	0.612
252.000	13.028	35.663	26.909	0.674	307.000	11.592	35.447	27.022	0.581
253.000	13.008	35.660	26.910	0.670	308.000	11.570	35.442	27.022	0.536
254.000	12.975	35.655	26.913	0.699	309.000	11.505	35.436	27.029	0.620
255.000	12.944	35.651	26.916	0.691	310.000	11.490	35.434	27.031	0.623
256.000	12.926	35.647	26.917	0.635	311.000	11.484	35.432	27.030	0.629
257.000	12.890	35.642	26.921	0.626	312.000	11.466	35.428	27.031	0.641
258.000	12.872	35.640	26.923	0.623	313.000	11.438	35.425	27.034	0.652
259.000	12.859	35.637	26.923	0.618	314.000	11.422	35.422	27.035	0.647
260.000	12.852	35.635	26.923	0.618	315.000	11.392	35.417	27.037	0.652
261.000	12.839	35.634	26.925	0.651	316.000	11.386	35.417	27.037	0.674
262.000	12.827	35.632	26.926	0.617	317.000	11.381	35.416	27.037	0.639
263.000	12.809	35.630	26.927	0.586	318.000	11.378	35.415	27.037	0.631
264.000	12.791	35.626	26.928	0.590	319.000	11.376	35.414	27.037	0.619
265.000	12.776	35.624	26.929	0.603	320.000	11.366	35.412	27.037	0.617
266.000	12.768	35.622	26.930	0.631	321.000	11.322	35.407	27.041	0.659
267.000	12.752	35.619	26.931	0.674	322.000	11.314	35.405	27.042	0.688

323.000	11.305	35.404	27.042	0.647	334.000	11.106	35.374	27.056	0.617
324.000	11.298	35.402	27.042	0.511	335.000	11.084	35.371	27.057	0.654
325.000	11.293	35.401	27.042	0.606	336.000	11.045	35.366	27.061	0.637
326.000	11.290	35.400	27.042	0.606	337.000	11.035	35.364	27.061	0.653
327.000	11.253	35.395	27.045	0.639	338.000	11.025	35.363	27.062	0.646
328.000	11.182	35.387	27.052	0.632	339.000	11.014	35.361	27.062	0.659
329.000	11.161	35.383	27.053	0.613	340.000	11.001	35.358	27.063	0.562
330.000	11.147	35.381	27.054	0.611	341.000	10.964	35.353	27.066	0.598
331.000	11.134	35.379	27.055	0.628	342.000	10.891	35.344	27.071	0.596
332.000	11.130	35.378	27.055	0.609	343.000	10.895	35.343	27.070	0.598
333.000	11.125	35.377	27.055	0.618					

Cruise: 94G07  
 Date: Aug 20 1994  
 Time: 13:30:24 GMT  
 Lat.: 27 16.024N  
 Lon.: 96 10.030W  
 Stn.: 008C

Depth	Temp(c)	Sal	Sigma-t	Fluor
2.000	29.095	36.367	23.061	0.794
3.000	29.096	36.367	23.061	0.814
4.000	29.097	36.367	23.061	0.955
5.000	29.097	36.367	23.061	0.841
6.000	29.097	36.367	23.061	0.836
7.000	29.100	36.367	23.060	0.816
8.000	29.102	36.366	23.059	0.801
9.000	29.102	36.367	23.059	0.797
10.000	29.102	36.367	23.059	0.797
11.000	29.103	36.366	23.059	0.798
12.000	29.104	36.366	23.059	0.818
13.000	29.104	36.366	23.059	0.831
14.000	29.103	36.367	23.060	0.857
15.000	29.103	36.367	23.060	0.835
16.000	29.103	36.366	23.059	0.820
17.000	29.104	36.367	23.059	0.804
18.000	29.103	36.367	23.060	0.770
19.000	29.104	36.367	23.060	0.781
20.000	29.100	36.366	23.060	0.828
21.000	29.070	36.364	23.069	0.807
22.000	29.061	36.364	23.073	0.790
23.000	29.067	36.364	23.070	0.823
24.000	29.049	36.362	23.075	1.199
25.000	29.002	36.359	23.088	1.356
26.000	28.905	36.350	23.114	1.036
27.000	28.415	36.320	23.255	0.858
28.000	27.960	36.398	23.464	0.883
29.000	27.436	36.414	23.647	0.918
30.000	26.732	36.347	23.823	0.939
31.000	26.313	36.349	23.957	0.923
32.000	26.136	36.350	24.014	0.896
33.000	25.979	36.345	24.059	0.925
34.000	25.178	36.306	24.278	0.957
35.000	24.788	36.328	24.414	0.961
36.000	24.508	36.335	24.504	0.977
37.000	24.288	36.328	24.565	0.991
38.000	24.121	36.322	24.611	0.970
39.000	24.058	36.347	24.648	0.949
40.000	23.962	36.346	24.676	0.960
41.000	23.801	36.338	24.718	0.969
42.000	23.578	36.314	24.766	0.988
43.000	23.503	36.319	24.792	1.010
44.000	23.443	36.325	24.814	0.997
45.000	23.294	36.322	24.855	0.987
46.000	23.142	36.320	24.899	0.971
47.000	23.045	36.313	24.921	0.996

48.000	22.891	36.305	24.959	1.022
49.000	22.704	36.290	25.002	1.030
50.000	22.527	36.284	25.049	1.025
51.000	22.398	36.289	25.089	1.040
52.000	22.382	36.307	25.107	1.071
53.000	22.372	36.316	25.118	1.064
54.000	22.276	36.324	25.151	1.059
55.000	22.175	36.338	25.191	1.084
56.000	22.089	36.343	25.219	1.067
57.000	21.946	36.347	25.262	1.071
58.000	21.841	36.350	25.294	1.084
59.000	21.733	36.347	25.321	1.088
60.000	21.649	36.349	25.347	1.101
61.000	21.580	36.346	25.363	1.111
62.000	21.419	36.340	25.404	1.134
63.000	21.281	36.378	25.471	1.163
64.000	21.212	36.389	25.499	1.264
65.000	21.175	36.393	25.512	1.442
66.000	21.116	36.385	25.522	1.531
67.000	20.986	36.377	25.552	1.561
68.000	20.871	36.390	25.593	1.571
69.000	20.833	36.395	25.607	1.575
70.000	20.762	36.402	25.632	1.570
71.000	20.722	36.407	25.646	1.563
72.000	20.693	36.408	25.655	1.561
73.000	20.628	36.411	25.675	1.546
74.000	20.598	36.414	25.685	1.545
75.000	20.524	36.416	25.707	1.529
76.000	20.391	36.427	25.751	1.517
77.000	20.326	36.434	25.774	1.493
78.000	20.241	36.441	25.802	1.476
79.000	20.087	36.455	25.854	1.451
80.000	20.032	36.464	25.875	1.429
81.000	20.017	36.465	25.881	1.401
82.000	19.991	36.464	25.886	1.362
83.000	19.933	36.469	25.906	1.345
84.000	19.892	36.473	25.920	1.339
85.000	19.896	36.472	25.918	1.317
86.000	19.819	36.474	25.940	1.313
87.000	19.749	36.480	25.963	1.301
88.000	19.745	36.479	25.964	1.284
89.000	19.697	36.477	25.975	1.262
90.000	19.611	36.474	25.995	1.268
91.000	19.591	36.474	26.000	1.263
92.000	19.535	36.474	26.015	1.258
93.000	19.464	36.476	26.035	1.263
94.000	19.410	36.469	26.044	1.267
95.000	19.341	36.470	26.063	1.256
96.000	19.315	36.473	26.072	1.264
97.000	19.297	36.472	26.075	1.220
98.000	19.147	36.469	26.112	1.207
99.000	19.059	36.465	26.132	1.169
100.000	19.000	36.461	26.144	1.152
101.000	18.909	36.452	26.161	1.114

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27 57.884N  
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009

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)
2.000	29.385	35.836	22.565	1.310
3.000	29.383	35.836	22.566	1.339
4.000	29.384	35.836	22.566	1.349
5.000	29.383	35.836	22.566	1.399
6.000	29.384	35.836	22.566	1.476
7.000	29.385	35.837	22.566	1.459
8.000	29.383	35.836	22.566	1.424
9.000	29.385	35.837	22.566	1.508
10.000	29.386	35.836	22.566	1.440
11.000	29.386	35.836	22.566	1.414
12.000	29.379	35.835	22.567	1.343
13.000	29.361	35.833	22.572	1.376
14.000	29.343	35.831	22.576	1.422
15.000	29.316	35.829	22.584	1.534
16.000	29.245	35.822	22.603	1.522
17.000	29.213	35.829	22.619	1.552
18.000	29.177	35.833	22.634	1.578
19.000	29.183	35.832	22.631	1.569
20.000	29.170	35.835	22.638	1.615
21.000	29.172	35.836	22.638	1.600
22.000	29.165	35.839	22.643	1.524
23.000	29.019	35.943	22.770	1.669
24.000	28.795	36.108	22.969	1.774

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Aug 20 1994

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009A

Depth	Temp(c)	Salinity	Sigma-t00	Fluor.(Volts)
2.000	29.379	35.828	22.561	1.406
3.000	29.380	35.832	22.563	1.360
4.000	29.381	35.831	22.563	1.428
5.000	29.381	35.831	22.563	1.400
6.000	29.383	35.832	22.563	1.347
7.000	29.385	35.832	22.562	1.405
8.000	29.381	35.831	22.563	1.502
9.000	29.381	35.831	22.563	1.530
10.000	29.378	35.830	22.564	1.452
11.000	29.378	35.831	22.564	1.460
12.000	29.356	35.829	22.570	1.499
13.000	29.353	35.829	22.571	1.394
14.000	29.337	35.828	22.576	1.426
15.000	29.304	35.825	22.585	1.484
16.000	29.206	35.823	22.617	1.502
17.000	29.178	35.826	22.628	1.523
18.000	29.170	35.832	22.635	1.568
19.000	29.170	35.834	22.638	1.563
20.000	29.157	35.836	22.643	1.641
21.000	29.115	35.864	22.679	1.624
22.000	28.978	35.971	22.805	1.744
23.000	28.815	36.090	22.949	1.757

## UNDERWAY SURFACE TEMPERATURE & SALINITY DATA

Water was pumped from a sea chest located in the after portion of *Gyre's* hull (with intake depth about 3-4 m) up to the Main Laboratory aboard ship, where every 5 minutes the ship's SAIL loop logged T and C measured by SeaBird temperature and conductivity sensors in the pumped sampling stream. By comparing SAIL temperature and SAIL salinity in the data tables that follow with that measured at 3-4 m at the CTD stations, it appears that temperature of the pumped sampling stream averaged 0.2°C higher than that measured by the CTD, while salinity calculated from the conductivity of the pumped sampling stream averaged about 0.2 lower than that measured by the CTD:

Station	CTD Temp	SAIL Temp	CTD Salin	SAIL Salin
06	29.04	29.25	32.13	32.02
06A	28.89	29.06	31.50	31.35
07	28.89	29.14	33.83	33.70
07A	29.89	30.06	34.33	34.16
07B	29.30	29.52	32.37	32.23
08	29.38	29.67	36.37	36.16
08B	29.31	29.56	36.37	36.16
08C	29.10	29.36	36.37	36.15

GMT	Date	Lat	Lon	Temp	Sal						
17:54:59	08-10-94	28.904	-89.388	28.997	23.463	22:29:58	08-10-94	28.906	-89.388	29.188	22.771
17:59:59	08-10-94	28.904	-89.388	28.948	23.327	22:34:58	08-10-94	28.904	-89.387	29.219	22.665
18:04:59	08-10-94	28.904	-89.388	28.873	23.323	22:39:56	08-10-94	28.902	-89.387	29.192	22.795
18:09:59	08-10-94	28.905	-89.388	28.873	23.457	22:45:00	08-10-94	28.905	-89.388	29.197	22.819
18:14:59	08-10-94	28.904	-89.388	28.957	23.402	22:49:58	08-10-94	28.903	-89.388	29.281	22.584
18:19:59	08-10-94	28.904	-89.388	28.913	23.304	22:54:56	08-10-94	28.905	-89.388	29.272	22.601
18:24:59	08-10-94	28.904	-89.387	28.931	23.322	22:59:56	08-10-94	28.904	-89.388	29.392	22.094
18:29:59	08-10-94	28.905	-89.389	28.900	23.357	23:04:56	08-10-94	28.904	-89.388	29.440	21.982
18:34:59	08-10-94	28.905	-89.388	28.891	23.435	23:09:56	08-10-94	28.904	-89.388	29.533	21.672
18:39:59	08-10-94	28.905	-89.388	28.882	23.352	23:14:56	08-10-94	28.904	-89.388	29.502	21.864
18:44:59	08-10-94	28.906	-89.389	28.873	23.430	23:19:56	08-10-94	28.904	-89.388	29.467	21.996
18:49:59	08-10-94	28.904	-89.388	28.895	23.366	23:24:56	08-10-94	28.904	-89.388	29.568	21.530
18:54:59	08-10-94	28.904	-89.388	28.891	23.415	23:29:56	08-10-94	28.904	-89.388	29.599	21.536
18:59:59	08-10-94	28.904	-89.389	28.904	23.402	23:35:00	08-10-94	28.905	-89.388	29.595	21.538
19:04:59	08-10-94	28.905	-89.388	28.935	23.101	23:39:56	08-10-94	28.904	-89.388	29.617	21.496
19:09:59	08-10-94	28.905	-89.388	28.948	23.015	23:45:00	08-10-94	28.904	-89.388	29.652	21.035
19:14:59	08-10-94	28.904	-89.387	29.015	22.773	23:49:56	08-10-94	28.904	-89.388	29.665	20.861
19:19:59	08-10-94	28.904	-89.387	29.002	22.780	23:55:00	08-10-94	28.904	-89.388	29.661	20.944
19:24:59	08-10-94	28.905	-89.389	29.082	22.344	23:59:56	08-11-94	28.904	-89.388	29.639	21.091
19:29:59	08-10-94	28.904	-89.386	28.993	22.988	00:05:00	08-11-94	28.904	-89.387	29.696	19.632
19:34:59	08-10-94	28.905	-89.388	28.966	23.126	00:10:00	08-11-94	28.905	-89.387	29.259	22.790
19:39:58	08-10-94	28.904	-89.388	29.028	22.702	00:15:00	08-11-94	28.901	-89.390	29.595	22.175
19:44:56	08-10-94	28.905	-89.388	29.011	22.894	00:20:00	08-11-94	28.892	-89.404	29.630	22.359
19:49:59	08-10-94	28.905	-89.388	28.971	23.044	00:25:00	08-11-94	28.883	-89.418	29.802	21.967
19:54:58	08-10-94	28.904	-89.388	28.993	22.922	00:30:00	08-11-94	28.874	-89.433	29.797	22.020
19:59:58	08-10-94	28.905	-89.388	28.966	23.047	00:35:00	08-11-94	28.869	-89.448	29.727	21.436
20:04:58	08-10-94	28.905	-89.388	28.931	23.236	00:40:00	08-11-94	28.868	-89.465	29.731	21.440
20:09:58	08-10-94	28.904	-89.388	28.940	23.324	00:45:00	08-11-94	28.879	-89.472	29.515	20.850
20:14:58	08-10-94	28.905	-89.388	28.926	23.371	00:50:00	08-11-94	28.891	-89.476	29.449	19.030
20:19:58	08-10-94	28.904	-89.388	28.908	23.473	00:55:00	08-11-94	28.904	-89.479	29.250	20.183
20:24:58	08-10-94	28.904	-89.388	28.891	23.676	01:00:00	08-11-94	28.917	-89.481	29.157	20.499
20:29:58	08-10-94	28.905	-89.388	28.882	23.686	01:05:00	08-11-94	28.930	-89.483	29.201	19.751
20:34:58	08-10-94	28.905	-89.388	28.877	23.695	01:10:00	08-11-94	28.942	-89.486	29.237	19.622
20:39:58	08-10-94	28.904	-89.388	28.868	23.747	01:15:00	08-11-94	28.955	-89.488	29.259	19.880
20:44:58	08-10-94	28.905	-89.387	28.873	23.792	01:20:00	08-11-94	28.968	-89.491	29.224	19.483
20:49:58	08-10-94	28.904	-89.388	28.860	23.818	01:25:00	08-11-94	28.980	-89.495	29.215	19.910
20:54:58	08-10-94	28.904	-89.388	28.855	23.956	01:30:00	08-11-94	28.990	-89.497	29.201	18.173
20:59:58	08-10-94	28.904	-89.388	28.860	23.886	01:35:00	08-11-94	28.996	-89.498	29.206	17.277
21:04:58	08-10-94	28.904	-89.388	28.864	23.890	01:39:57	08-11-94	29.000	-89.500	29.219	17.081
21:09:58	08-10-94	28.904	-89.388	28.873	23.926	01:45:00	08-11-94	29.000	-89.501	29.197	19.241
21:14:58	08-10-94	28.904	-89.388	28.877	23.904	01:49:59	08-11-94	29.000	-89.501	29.188	19.903
21:19:58	08-10-94	28.905	-89.388	28.882	23.969	01:54:57	08-11-94	29.000	-89.501	29.241	19.857
21:24:58	08-10-94	28.905	-89.388	28.900	23.906	01:59:56	08-11-94	29.000	-89.501	29.192	19.640
21:29:58	08-10-94	28.905	-89.388	28.891	23.924	02:04:56	08-11-94	29.000	-89.501	29.210	19.248
21:34:58	08-10-94	28.904	-89.388	28.882	23.949	02:09:56	08-11-94	29.000	-89.501	29.206	19.076
21:39:58	08-10-94	28.905	-89.388	28.900	24.484	02:14:56	08-11-94	29.000	-89.501	29.175	19.502
21:44:58	08-10-94	28.904	-89.388	28.886	24.136	02:19:56	08-11-94	29.000	-89.501	29.170	19.522
21:49:58	08-10-94	28.905	-89.388	29.011	24.128	02:25:00	08-11-94	29.000	-89.501	29.175	19.484
21:54:58	08-10-94	28.905	-89.388	28.948	24.105	02:29:56	08-11-94	29.000	-89.501	29.184	19.662
21:59:58	08-10-94	28.904	-89.388	28.971	24.121	02:35:00	08-11-94	29.000	-89.501	29.188	19.605
22:04:58	08-10-94	28.905	-89.388	28.873	24.190	02:39:56	08-11-94	29.000	-89.501	29.197	19.517
22:09:58	08-10-94	28.904	-89.388	28.931	23.952	02:45:00	08-11-94	29.000	-89.501	29.215	19.801
22:14:58	08-10-94	28.905	-89.388	29.011	23.570	02:49:56	08-11-94	29.000	-89.501	29.228	19.662
22:19:58	08-10-94	28.906	-89.388	29.122	23.092	02:55:00	08-11-94	29.000	-89.501	29.201	19.751
22:24:58	08-10-94	28.904	-89.388	29.170	22.976	03:00:00	08-11-94	29.000	-89.501	29.175	19.841



03:05:00	08-11-94	29.000	-89.501	29.188	19.945	07:39:57	08-11-94	29.000	-89.501	29.352	21.791
03:10:00	08-11-94	29.000	-89.501	29.166	19.681	07:44:57	08-11-94	29.000	-89.501	29.347	21.697
03:15:00	08-11-94	29.000	-89.501	29.153	20.015	07:49:57	08-11-94	29.000	-89.501	29.378	21.373
03:20:00	08-11-94	29.000	-89.501	29.188	20.061	07:54:59	08-11-94	29.000	-89.501	29.370	21.459
03:25:00	08-11-94	29.000	-89.501	29.188	19.866	07:59:57	08-11-94	29.000	-89.501	29.409	21.766
03:30:00	08-11-94	29.000	-89.501	29.201	20.007	08:04:56	08-11-94	29.000	-89.501	29.378	21.901
03:35:00	08-11-94	29.000	-89.501	29.224	20.218	08:09:56	08-11-94	29.000	-89.501	29.414	21.994
03:40:00	08-11-94	29.000	-89.501	29.161	20.219	08:15:00	08-11-94	29.000	-89.501	29.365	22.209
03:45:00	08-11-94	29.000	-89.501	29.215	20.240	08:19:56	08-11-94	29.000	-89.501	29.338	22.221
03:50:00	08-11-94	29.000	-89.501	29.188	20.227	08:25:00	08-11-94	29.000	-89.501	29.325	22.375
03:55:00	08-11-94	29.000	-89.501	29.272	20.278	08:29:56	08-11-94	29.000	-89.501	29.330	22.257
04:00:00	08-11-94	29.000	-89.501	29.210	20.248	08:35:00	08-11-94	29.000	-89.501	29.418	22.398
04:05:00	08-11-94	29.000	-89.501	29.325	20.404	08:40:00	08-11-94	29.000	-89.501	29.392	22.416
04:10:00	08-11-94	29.000	-89.501	29.259	20.475	08:45:00	08-11-94	29.000	-89.501	29.414	22.614
04:15:00	08-11-94	29.000	-89.501	29.303	20.487	08:50:00	08-11-94	29.000	-89.501	29.422	22.597
04:20:00	08-11-94	29.000	-89.501	29.321	20.442	08:55:00	08-11-94	29.000	-89.501	29.445	22.606
04:25:00	08-11-94	29.000	-89.501	29.272	20.414	09:00:00	08-11-94	29.000	-89.501	29.378	22.513
04:30:00	08-11-94	29.000	-89.501	29.192	20.336	09:05:00	08-11-94	29.000	-89.501	29.414	22.588
04:35:00	08-11-94	29.000	-89.501	29.330	20.513	09:10:00	08-11-94	29.000	-89.501	29.361	22.456
04:40:00	08-11-94	29.000	-89.501	29.197	20.433	09:15:00	08-11-94	29.000	-89.501	29.365	22.344
04:45:00	08-11-94	29.000	-89.501	29.224	20.490	09:20:00	08-11-94	29.000	-89.501	29.418	22.424
04:49:57	08-11-94	29.000	-89.501	29.201	20.270	09:25:00	08-11-94	29.000	-89.501	29.467	22.615
04:54:59	08-11-94	29.000	-89.501	29.170	20.191	09:30:00	08-11-94	29.000	-89.501	29.383	22.472
04:59:57	08-11-94	29.000	-89.501	29.383	20.552	09:35:00	08-11-94	29.000	-89.501	29.418	22.592
05:04:57	08-11-94	29.000	-89.501	29.188	20.449	09:40:00	08-11-94	29.000	-89.501	29.422	22.577
05:09:57	08-11-94	29.000	-89.501	29.281	20.577	09:45:00	08-11-94	29.000	-89.501	29.515	22.684
05:14:57	08-11-94	29.000	-89.501	29.201	20.517	09:50:00	08-11-94	29.000	-89.501	29.502	22.612
05:19:57	08-11-94	29.000	-89.501	29.356	20.768	09:55:00	08-11-94	29.000	-89.501	29.542	22.789
05:24:57	08-11-94	29.000	-89.501	29.277	20.883	10:00:00	08-11-94	29.000	-89.501	29.520	22.741
05:29:57	08-11-94	29.000	-89.501	29.272	20.904	10:05:00	08-11-94	29.000	-89.500	29.449	22.780
05:34:57	08-11-94	29.000	-89.501	29.321	20.921	10:10:00	08-11-94	29.000	-89.501	29.520	22.897
05:39:57	08-11-94	29.000	-89.501	29.338	21.107	10:15:00	08-11-94	29.000	-89.501	29.476	22.951
05:44:57	08-11-94	29.000	-89.501	29.361	21.104	10:20:00	08-11-94	29.000	-89.501	29.493	23.028
05:49:57	08-11-94	29.000	-89.501	29.334	21.122	10:25:00	08-11-94	29.000	-89.501	29.542	23.169
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06:19:57	08-11-94	29.000	-89.501	29.263	21.234	10:54:58	08-11-94	29.000	-89.501	29.537	22.928
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12:14:58	08-11-94	29.000	-89.501	29.396	22.356	16:49:58	08-11-94	29.000	-89.501	28.891	19.080
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21:24:59	08-11-94	29.000	-89.501	29.033	19.390	01:59:58	08-12-94	29.108	-89.596	29.440	20.516
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01:19:58	08-12-94	29.039	-89.534	29.365	16.790	05:54:59	08-12-94	29.109	-89.596	29.299	17.917
01:24:58	08-12-94	29.050	-89.545	29.392	17.032	05:59:59	08-12-94	29.109	-89.596	29.308	17.925
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23:40:01	08-13-94	29.119	-89.742	29.352	19.933	04:14:59	08-14-94	29.120	-89.741	29.170	20.136
23:45:01	08-13-94	29.119	-89.742	29.343	19.919	04:19:59	08-14-94	29.120	-89.741	29.161	20.201



04:24:59	08-14-94	29.120	-89.741	29.166	20.156	09:00:00	08-14-94	29.120	-89.741	29.015	19.590
04:29:59	08-14-94	29.120	-89.741	29.153	20.064	09:05:00	08-14-94	29.119	-89.740	28.931	19.497
04:34:59	08-14-94	29.120	-89.741	29.153	19.966	09:10:00	08-14-94	29.119	-89.741	28.864	19.397
04:39:59	08-14-94	29.120	-89.741	29.144	19.902	09:15:01	08-14-94	29.119	-89.741	28.864	19.349
04:44:59	08-14-94	29.120	-89.741	29.161	19.804	09:19:58	08-14-94	29.119	-89.741	28.913	19.353
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04:54:59	08-14-94	29.120	-89.741	29.184	20.370	09:30:00	08-14-94	29.119	-89.741	28.957	19.372
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05:04:59	08-14-94	29.120	-89.741	29.126	20.001	09:40:00	08-14-94	29.119	-89.741	28.966	19.410
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14:15:01	08-14-94	29.118	-89.740	28.908	20.091	18:49:58	08-14-94	29.118	-89.741	29.484	21.063
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14:50:01	08-14-94	29.118	-89.740	28.980	20.289	19:24:58	08-14-94	29.118	-89.740	29.528	21.094
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15:44:59	08-14-94	29.118	-89.740	28.993	20.655	20:19:58	08-14-94	29.118	-89.740	29.780	21.180
15:49:59	08-14-94	29.119	-89.740	29.082	20.692	20:24:58	08-14-94	29.118	-89.740	29.810	21.186
15:54:59	08-14-94	29.118	-89.740	28.962	20.718	20:29:58	08-14-94	29.118	-89.741	29.731	21.182
15:59:59	08-14-94	29.118	-89.740	29.037	20.736	20:34:58	08-14-94	29.118	-89.741	29.643	21.170
16:04:59	08-14-94	29.119	-89.740	29.082	20.779	20:39:58	08-14-94	29.118	-89.741	29.722	21.180
16:09:59	08-14-94	29.119	-89.740	29.006	20.805	20:44:58	08-14-94	29.118	-89.741	29.832	21.220
16:14:59	08-14-94	29.118	-89.740	29.095	20.824	20:49:58	08-14-94	29.118	-89.741	29.788	21.233
16:19:59	08-14-94	29.119	-89.740	29.055	20.853	20:54:58	08-14-94	29.118	-89.741	29.740	21.260
16:24:59	08-14-94	29.119	-89.740	28.988	20.863	20:59:58	08-14-94	29.118	-89.741	29.546	21.268
16:29:59	08-14-94	29.119	-89.740	29.126	20.873	21:04:58	08-14-94	29.118	-89.741	29.806	21.275
16:34:59	08-14-94	29.119	-89.740	29.046	20.888	21:09:58	08-14-94	29.118	-89.741	29.709	21.280
16:39:59	08-14-94	29.118	-89.740	29.099	20.897	21:14:58	08-14-94	29.118	-89.741	29.850	21.288
16:44:59	08-14-94	29.119	-89.740	29.161	20.939	21:19:58	08-14-94	29.118	-89.741	29.762	21.282
16:49:59	08-14-94	29.119	-89.740	29.033	20.931	21:24:58	08-14-94	29.118	-89.741	29.731	21.295
16:54:59	08-14-94	29.118	-89.740	29.157	20.928	21:29:58	08-14-94	29.118	-89.741	29.661	21.326
16:59:59	08-14-94	29.119	-89.740	29.095	20.936	21:34:59	08-14-94	29.118	-89.741	29.678	21.324
17:04:59	08-14-94	29.118	-89.741	29.126	20.954	21:39:58	08-14-94	29.118	-89.741	29.528	21.320
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17:14:59	08-14-94	29.118	-89.740	29.157	20.978	21:49:57	08-14-94	29.119	-89.741	29.572	21.288
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17:24:59	08-14-94	29.118	-89.740	29.104	20.989	22:00:01	08-14-94	29.119	-89.741	29.678	21.280
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17:54:59	08-14-94	29.118	-89.740	29.161	21.027	22:30:01	08-14-94	29.110	-89.767	29.201	21.470
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18:04:59	08-14-94	29.118	-89.740	29.210	21.037	22:40:00	08-14-94	29.101	-89.798	29.312	21.541

22:45:00	08-14-94	29.096	-89.813	29.365	21.518	03:19:58	08-15-94	28.871	-90.458	29.766	24.469
22:45:40	08-14-94	29.095	-89.815	29.409	21.530	03:24:58	08-15-94	28.871	-90.458	29.736	24.444
22:55:00	08-14-94	29.086	-89.844	29.458	21.636	03:29:59	08-15-94	28.871	-90.458	29.740	24.408
23:00:00	08-15-94	29.080	-89.860	29.506	21.703	03:35:01	08-15-94	28.871	-90.458	29.749	24.390
23:05:00	08-15-94	29.074	-89.875	29.537	21.785	03:40:01	08-15-94	28.871	-90.458	29.727	24.374
23:10:00	08-15-94	29.069	-89.891	29.489	22.398	03:44:59	08-15-94	28.871	-90.458	29.718	24.365
23:15:00	08-15-94	29.064	-89.907	29.546	22.384	03:49:57	08-15-94	28.871	-90.458	29.709	24.342
23:20:00	08-15-94	29.058	-89.923	29.542	22.626	03:54:58	08-15-94	28.871	-90.458	29.700	24.347
23:25:00	08-15-94	29.053	-89.939	29.542	22.730	04:00:00	08-15-94	28.871	-90.458	29.705	24.365
23:30:00	08-15-94	29.047	-89.955	29.586	22.645	04:04:58	08-15-94	28.871	-90.458	29.709	24.349
23:35:00	08-15-94	29.042	-89.971	29.595	22.647	04:10:00	08-15-94	28.871	-90.458	29.696	24.349
23:40:00	08-15-94	29.036	-89.987	29.603	22.604	04:14:59	08-15-94	28.871	-90.458	29.670	24.349
23:45:00	08-15-94	29.031	-90.004	29.652	22.627	04:19:59	08-15-94	28.871	-90.458	29.670	24.342
23:50:00	08-15-94	29.026	-90.020	29.696	22.776	04:25:00	08-15-94	28.871	-90.458	29.656	24.362
23:55:00	08-15-94	29.020	-90.036	29.714	23.075	04:30:01	08-15-94	28.871	-90.458	29.656	24.355
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00:15:00	08-15-94	28.996	-90.099	29.766	24.402	04:50:01	08-15-94	28.871	-90.458	29.674	24.367
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21:25:02	08-15-94	28.871	-90.458	29.990	26.385	01:59:58	08-16-94	28.237	-90.576	29.361	30.490
21:30:02	08-15-94	28.871	-90.458	29.955	26.453	02:04:58	08-16-94	28.224	-90.578	29.330	30.897
21:35:02	08-15-94	28.871	-90.458	29.973	26.373	02:09:58	08-16-94	28.211	-90.580	29.303	31.186

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03:45:02	08-16-94	27.966	-90.620	29.378	31.955	08:20:00	08-16-94	27.928	-90.618	29.361	31.998
03:50:02	08-16-94	27.952	-90.622	29.378	31.971	08:25:00	08-16-94	27.930	-90.620	29.396	32.006
03:55:02	08-16-94	27.939	-90.624	29.387	31.996	08:30:00	08-16-94	27.931	-90.620	29.476	32.001
04:00:02	08-16-94	27.932	-90.625	29.396	31.998	08:35:00	08-16-94	27.932	-90.621	29.414	32.003
04:05:01	08-16-94	27.932	-90.624	29.427	32.002	08:40:00	08-16-94	27.933	-90.623	29.427	31.994
04:09:57	08-16-94	27.933	-90.625	29.409	32.006	08:45:00	08-16-94	27.934	-90.624	29.418	31.992
04:15:02	08-16-94	27.932	-90.625	29.414	32.003	08:50:00	08-16-94	27.934	-90.625	29.250	31.992
04:19:59	08-16-94	27.931	-90.626	29.405	32.000	08:55:00	08-16-94	27.933	-90.626	29.294	31.995
04:24:59	08-16-94	27.931	-90.626	29.396	31.998	09:00:00	08-16-94	27.931	-90.628	29.224	32.002
04:29:59	08-16-94	27.930	-90.625	29.396	32.006	09:05:00	08-16-94	27.930	-90.630	29.316	31.996
04:34:59	08-16-94	27.930	-90.624	29.396	32.006	09:10:00	08-16-94	27.929	-90.631	29.206	31.998
04:39:59	08-16-94	27.930	-90.624	29.400	32.011	09:15:00	08-16-94	27.930	-90.628	29.365	31.995
04:44:59	08-16-94	27.929	-90.624	29.405	32.016	09:20:00	08-16-94	27.932	-90.626	29.409	31.998
04:49:59	08-16-94	27.928	-90.623	29.418	32.023	09:25:00	08-16-94	27.933	-90.624	29.422	31.989
04:54:59	08-16-94	27.928	-90.622	29.409	32.021	09:30:00	08-16-94	27.934	-90.622	29.387	31.988
04:59:59	08-16-94	27.928	-90.622	29.422	32.020	09:35:00	08-16-94	27.934	-90.623	29.338	31.989
05:04:59	08-16-94	27.927	-90.621	29.414	32.026	09:40:00	08-16-94	27.932	-90.623	29.290	31.990
05:09:59	08-16-94	27.926	-90.621	29.409	32.029	09:45:00	08-16-94	27.933	-90.623	29.338	31.997
05:14:59	08-16-94	27.926	-90.620	29.418	32.031	09:50:00	08-16-94	27.934	-90.620	29.338	31.997
05:19:59	08-16-94	27.926	-90.620	29.396	32.038	09:55:00	08-16-94	27.932	-90.619	29.263	31.992
05:24:59	08-16-94	27.925	-90.619	29.422	32.036	10:00:00	08-16-94	27.932	-90.620	29.374	31.989
05:29:59	08-16-94	27.924	-90.620	29.400	32.043	10:05:00	08-16-94	27.933	-90.621	29.445	31.998
05:34:59	08-16-94	27.925	-90.621	29.498	32.050	10:10:01	08-16-94	27.933	-90.623	29.498	32.002
05:39:59	08-16-94	27.926	-90.621	29.537	32.039	10:15:02	08-16-94	27.933	-90.625	29.484	32.003
05:44:59	08-16-94	27.927	-90.621	29.484	32.035	10:20:00	08-16-94	27.934	-90.627	29.409	32.006
05:49:59	08-16-94	27.929	-90.622	29.559	32.025	10:25:01	08-16-94	27.934	-90.629	29.467	31.999
05:54:59	08-16-94	27.931	-90.621	29.559	32.017	10:30:00	08-16-94	27.934	-90.631	29.462	32.010
05:59:59	08-16-94	27.932	-90.622	29.506	32.020	10:35:00	08-16-94	27.934	-90.633	29.467	32.015
06:04:59	08-16-94	27.932	-90.623	29.524	32.008	10:40:00	08-16-94	27.934	-90.631	29.277	32.014
06:09:59	08-16-94	27.932	-90.625	29.383	32.007	10:45:00	08-16-94	27.933	-90.628	29.308	32.010
06:14:59	08-16-94	27.932	-90.624	29.427	32.002	10:50:00	08-16-94	27.933	-90.624	29.263	32.015
06:19:59	08-16-94	27.933	-90.625	29.462	32.002	10:55:00	08-16-94	27.933	-90.620	29.246	32.003
06:24:59	08-16-94	27.933	-90.625	29.422	32.005	11:00:00	08-16-94	27.933	-90.617	29.237	32.001
06:29:59	08-16-94	27.933	-90.624	29.409	32.006	11:05:00	08-16-94	27.932	-90.613	29.237	31.993
06:34:59	08-16-94	27.933	-90.625	29.427	32.010	11:10:00	08-16-94	27.930	-90.612	29.228	31.991
06:39:59	08-16-94	27.933	-90.624	29.422	31.997	11:15:00	08-16-94	27.931	-90.613	29.290	31.998
06:44:59	08-16-94	27.932	-90.624	29.378	32.002	11:20:00	08-16-94	27.931	-90.615	29.418	31.992

11:25:00	08-16-94	27.931	-90.616	29.312	31.999	16:00:02	08-16-94	27.925	-90.627	29.237	32.017
11:30:00	08-16-94	27.932	-90.618	29.414	32.003	16:05:02	08-16-94	27.923	-90.628	29.241	32.022
11:35:00	08-16-94	27.933	-90.620	29.436	32.004	16:10:02	08-16-94	27.924	-90.626	29.241	32.030
11:40:00	08-16-94	27.933	-90.622	29.480	32.014	16:15:02	08-16-94	27.923	-90.624	29.241	32.022
11:45:00	08-16-94	27.933	-90.624	29.440	32.009	16:20:01	08-16-94	27.924	-90.624	29.290	32.021
11:50:00	08-16-94	27.932	-90.625	29.378	32.018	16:24:58	08-16-94	27.927	-90.624	29.334	32.016
11:55:00	08-16-94	27.930	-90.626	29.294	32.018	16:30:02	08-16-94	27.928	-90.622	29.281	32.011
12:00:00	08-16-94	27.928	-90.627	29.277	32.022	16:35:00	08-16-94	27.926	-90.622	29.250	32.008
12:05:00	08-16-94	27.926	-90.628	29.254	32.029	16:40:00	08-16-94	27.925	-90.621	29.228	32.007
12:10:00	08-16-94	27.927	-90.627	29.299	32.024	16:45:01	08-16-94	27.927	-90.621	29.290	32.014
12:15:00	08-16-94	27.928	-90.626	29.294	32.018	16:50:01	08-16-94	27.927	-90.622	29.316	32.004
12:20:00	08-16-94	27.929	-90.625	29.321	32.017	16:55:01	08-16-94	27.927	-90.622	29.237	32.009
12:25:00	08-16-94	27.931	-90.625	29.316	32.012	17:00:01	08-16-94	27.926	-90.622	29.232	32.020
12:30:00	08-16-94	27.932	-90.625	29.263	32.015	17:05:01	08-16-94	27.927	-90.622	29.325	32.006
12:35:00	08-16-94	27.932	-90.626	29.316	32.020	17:10:01	08-16-94	27.929	-90.624	29.206	31.848
12:40:00	08-16-94	27.932	-90.627	29.281	32.011	17:15:01	08-16-94	27.929	-90.623	29.237	31.827
12:45:00	08-16-94	27.933	-90.625	29.299	32.016	17:20:01	08-16-94	27.930	-90.624	29.250	31.826
12:50:00	08-16-94	27.935	-90.623	29.338	32.029	17:25:01	08-16-94	27.930	-90.624	29.206	31.832
12:55:00	08-16-94	27.936	-90.621	29.347	32.015	17:30:01	08-16-94	27.931	-90.624	29.263	31.833
13:00:00	08-16-94	27.938	-90.618	29.352	32.012	17:35:01	08-16-94	27.930	-90.623	29.161	31.845
13:05:00	08-16-94	27.939	-90.616	29.405	32.016	17:40:01	08-16-94	27.930	-90.624	29.166	31.834
13:10:01	08-16-94	27.939	-90.618	29.268	31.973	17:45:01	08-16-94	27.930	-90.624	29.210	31.813
13:14:59	08-16-94	27.936	-90.619	29.246	32.003	17:50:01	08-16-94	27.930	-90.623	29.139	31.804
13:20:00	08-16-94	27.934	-90.620	29.272	32.017	17:55:01	08-16-94	27.930	-90.623	29.179	31.810
13:25:00	08-16-94	27.933	-90.622	29.374	32.021	18:00:01	08-16-94	27.929	-90.623	29.161	31.829
13:29:58	08-16-94	27.932	-90.623	29.299	32.024	18:05:01	08-16-94	27.928	-90.622	29.210	31.813
13:34:58	08-16-94	27.933	-90.624	29.299	32.024	18:10:01	08-16-94	27.927	-90.622	29.179	31.826
13:39:58	08-16-94	27.933	-90.625	29.356	32.033	18:15:01	08-16-94	27.925	-90.621	29.179	31.826
13:44:58	08-16-94	27.934	-90.626	29.334	32.024	18:20:01	08-16-94	27.926	-90.623	29.170	31.831
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13:54:58	08-16-94	27.936	-90.628	29.392	32.025	18:30:01	08-16-94	27.925	-90.624	29.122	31.761
13:59:58	08-16-94	27.936	-90.628	29.387	32.036	18:35:01	08-16-94	27.923	-90.625	29.126	31.813
14:04:58	08-16-94	27.937	-90.629	29.400	32.035	18:40:01	08-16-94	27.929	-90.625	29.113	31.743
14:10:02	08-16-94	27.938	-90.630	29.387	32.028	18:45:01	08-16-94	27.931	-90.624	29.184	31.633
14:14:58	08-16-94	27.938	-90.631	29.303	32.020	18:50:01	08-16-94	27.931	-90.624	29.250	31.613
14:20:02	08-16-94	27.936	-90.631	29.281	32.019	18:55:01	08-16-94	27.932	-90.623	29.201	31.614
14:24:58	08-16-94	27.935	-90.631	29.232	32.020	19:00:01	08-16-94	27.930	-90.619	29.108	31.627
14:30:02	08-16-94	27.934	-90.631	29.250	32.024	19:05:01	08-16-94	27.928	-90.618	29.090	31.647
14:35:02	08-16-94	27.932	-90.631	29.237	32.017	19:10:01	08-16-94	27.927	-90.618	29.055	31.639
14:40:02	08-16-94	27.931	-90.632	29.294	32.026	19:15:01	08-16-94	27.929	-90.621	29.135	31.634
14:45:02	08-16-94	27.929	-90.632	29.281	32.035	19:19:59	08-16-94	27.931	-90.622	29.126	31.600
14:50:02	08-16-94	27.928	-90.633	29.281	32.043	19:25:01	08-16-94	27.927	-90.623	29.104	31.591
14:55:02	08-16-94	27.926	-90.633	29.259	32.050	19:30:01	08-16-94	27.927	-90.623	29.104	31.575
15:00:02	08-16-94	27.924	-90.634	29.259	32.050	19:34:58	08-16-94	27.927	-90.622	29.179	31.589
15:05:02	08-16-94	27.923	-90.634	29.263	32.055	19:40:00	08-16-94	27.927	-90.622	29.254	31.586
15:10:02	08-16-94	27.921	-90.634	29.259	32.050	19:45:00	08-16-94	27.927	-90.621	29.246	31.576
15:15:02	08-16-94	27.926	-90.630	29.321	32.040	19:50:00	08-16-94	27.928	-90.621	29.259	31.568
15:20:02	08-16-94	27.928	-90.627	29.396	32.030	19:55:00	08-16-94	27.928	-90.622	29.117	31.566
15:25:02	08-16-94	27.930	-90.624	29.370	32.016	20:00:00	08-16-94	27.928	-90.622	29.095	31.557
15:30:02	08-16-94	27.931	-90.622	29.343	32.010	20:05:00	08-16-94	27.926	-90.620	29.153	31.630
15:35:02	08-16-94	27.932	-90.622	29.343	32.010	20:10:00	08-16-94	27.926	-90.621	29.077	31.553
15:40:02	08-16-94	27.930	-90.622	29.281	32.011	20:15:00	08-16-94	27.931	-90.623	29.059	31.470
15:45:02	08-16-94	27.929	-90.624	29.254	32.013	20:20:00	08-16-94	27.930	-90.624	29.055	31.340
15:50:02	08-16-94	27.928	-90.625	29.263	32.015	20:25:00	08-16-94	27.929	-90.625	29.086	31.359
15:55:02	08-16-94	27.926	-90.626	29.246	32.019	20:30:00	08-16-94	27.927	-90.627	29.086	31.351

20:35:00	08-16-94	27.927	-90.629	29.175	31.513	01:10:01	08-17-94	27.146	-90.614	29.396	31.181
20:40:00	08-16-94	27.926	-90.630	29.201	31.566	01:15:01	08-17-94	27.131	-90.614	29.422	31.125
20:45:00	08-16-94	27.924	-90.631	29.175	31.599	01:20:01	08-17-94	27.115	-90.614	29.431	31.205
20:50:00	08-16-94	27.923	-90.633	29.126	31.608	01:24:59	08-17-94	27.099	-90.614	29.427	31.247
20:55:00	08-16-94	27.922	-90.636	29.166	31.613	01:29:59	08-17-94	27.083	-90.614	29.440	31.340
21:00:00	08-16-94	27.909	-90.635	29.082	31.550	01:34:59	08-17-94	27.067	-90.614	29.440	31.520
21:05:00	08-16-94	27.895	-90.635	29.059	31.596	01:39:59	08-17-94	27.051	-90.614	29.422	31.736
21:10:00	08-16-94	27.880	-90.635	29.250	32.040	01:45:01	08-17-94	27.035	-90.613	29.414	31.916
21:15:00	08-16-94	27.866	-90.635	29.241	32.094	01:50:01	08-17-94	27.020	-90.613	29.422	32.028
21:20:00	08-16-94	27.852	-90.636	29.254	32.124	01:55:01	08-17-94	27.004	-90.613	29.418	32.246
21:25:00	08-16-94	27.837	-90.635	29.250	32.167	02:00:01	08-17-94	26.988	-90.612	29.378	32.512
21:30:00	08-16-94	27.822	-90.636	29.277	32.245	02:05:01	08-17-94	26.972	-90.612	29.347	32.797
21:35:00	08-16-94	27.807	-90.635	29.272	32.280	02:10:01	08-17-94	26.957	-90.612	29.400	32.681
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21:45:00	08-16-94	27.778	-90.635	29.241	32.197	02:20:02	08-17-94	26.926	-90.610	29.409	32.916
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21:55:00	08-16-94	27.748	-90.632	29.263	32.198	02:30:02	08-17-94	26.894	-90.610	29.414	33.488
22:00:00	08-16-94	27.734	-90.632	29.250	32.183	02:35:02	08-17-94	26.879	-90.610	29.396	33.720
22:05:00	08-16-94	27.719	-90.631	29.201	32.152	02:40:02	08-17-94	26.863	-90.610	29.387	34.030
22:10:00	08-16-94	27.702	-90.629	29.139	32.106	02:45:02	08-17-94	26.847	-90.610	29.409	34.055
22:15:00	08-16-94	27.687	-90.628	29.148	32.124	02:50:02	08-17-94	26.833	-90.610	29.356	34.085
22:20:00	08-16-94	27.675	-90.627	29.144	32.159	02:55:02	08-17-94	26.817	-90.610	29.303	34.279
22:25:00	08-16-94	27.659	-90.625	29.148	32.180	03:00:02	08-17-94	26.802	-90.610	29.365	34.807
22:30:01	08-16-94	27.644	-90.623	29.179	32.016	03:05:02	08-17-94	26.787	-90.610	29.338	35.018
22:34:59	08-16-94	27.629	-90.622	29.201	31.866	03:10:02	08-17-94	26.773	-90.609	29.316	35.345
22:40:01	08-16-94	27.614	-90.620	29.263	31.888	03:15:02	08-17-94	26.758	-90.609	29.445	35.680
22:45:01	08-16-94	27.598	-90.619	29.308	31.970	03:20:02	08-17-94	26.744	-90.609	29.467	35.596
22:50:01	08-16-94	27.583	-90.619	29.338	31.981	03:25:02	08-17-94	26.729	-90.608	29.634	36.055
22:55:01	08-16-94	27.568	-90.619	29.321	31.914	03:30:02	08-17-94	26.714	-90.607	29.625	36.138
23:00:01	08-17-94	27.553	-90.619	29.325	31.879	03:35:02	08-17-94	26.699	-90.607	29.705	36.223
23:05:01	08-17-94	27.538	-90.619	29.325	31.816	03:40:02	08-17-94	26.685	-90.607	29.639	36.171
23:10:01	08-17-94	27.522	-90.619	29.334	31.810	03:45:02	08-17-94	26.670	-90.606	29.678	36.277
23:15:01	08-17-94	27.507	-90.618	29.325	31.816	03:50:02	08-17-94	26.656	-90.606	29.674	36.255
23:20:01	08-17-94	27.492	-90.619	29.325	31.848	03:55:02	08-17-94	26.642	-90.606	29.643	36.261
23:25:01	08-17-94	27.476	-90.619	29.334	31.889	04:00:02	08-17-94	26.628	-90.606	29.705	36.257
23:30:01	08-17-94	27.460	-90.619	29.338	31.926	04:05:02	08-17-94	26.613	-90.607	29.705	36.249
23:35:01	08-17-94	27.444	-90.619	29.343	31.954	04:10:02	08-17-94	26.598	-90.607	29.709	36.262
23:40:01	08-17-94	27.429	-90.619	29.316	31.996	04:15:02	08-17-94	26.584	-90.607	29.700	36.260
23:45:01	08-17-94	27.413	-90.618	29.321	32.056	04:20:02	08-17-94	26.570	-90.607	29.700	36.269
23:50:01	08-17-94	27.398	-90.617	29.365	32.067	04:25:02	08-17-94	26.555	-90.607	29.718	36.298
23:55:01	08-17-94	27.382	-90.618	29.365	32.027	04:29:59	08-17-94	26.541	-90.607	29.670	36.301
00:00:01	08-17-94	27.366	-90.619	29.343	31.978	04:34:59	08-17-94	26.527	-90.607	29.647	36.300
00:05:01	08-17-94	27.351	-90.619	29.308	31.962	04:40:00	08-17-94	26.513	-90.608	29.661	36.299
00:10:01	08-17-94	27.336	-90.620	29.330	31.940	04:45:00	08-17-94	26.498	-90.607	29.652	36.306
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00:25:01	08-17-94	27.288	-90.619	29.462	31.899	05:00:01	08-17-94	26.457	-90.606	29.634	36.293
00:30:01	08-17-94	27.273	-90.618	29.493	31.855	05:05:01	08-17-94	26.443	-90.605	29.683	36.308
00:35:01	08-17-94	27.257	-90.616	29.502	31.841	05:10:01	08-17-94	26.428	-90.605	29.665	36.313
00:40:01	08-17-94	27.241	-90.615	29.480	31.840	05:15:01	08-17-94	26.414	-90.604	29.661	36.299
00:45:01	08-17-94	27.226	-90.615	29.493	31.839	05:20:01	08-17-94	26.400	-90.603	29.696	36.281
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00:55:01	08-17-94	27.194	-90.614	29.524	31.677	05:30:01	08-17-94	26.372	-90.602	29.665	36.125
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01:05:01	08-17-94	27.162	-90.615	29.370	31.253	05:40:01	08-17-94	26.343	-90.600	29.617	35.569



05:45:01	08-17-94	26.329	-90.599	29.670	35.044	10:20:02	08-17-94	25.998	-90.597	29.612	34.224
05:50:01	08-17-94	26.314	-90.597	29.762	34.653	10:25:02	08-17-94	25.999	-90.597	29.621	34.160
05:55:01	08-17-94	26.300	-90.596	29.766	34.189	10:30:02	08-17-94	25.999	-90.597	29.515	33.923
06:00:01	08-17-94	26.285	-90.596	29.740	33.708	10:35:02	08-17-94	25.999	-90.596	29.263	33.609
06:05:01	08-17-94	26.271	-90.595	29.749	33.394	10:40:00	08-17-94	25.999	-90.596	29.184	33.534
06:10:01	08-17-94	26.256	-90.595	29.775	33.198	10:44:58	08-17-94	25.999	-90.596	29.524	34.064
06:15:01	08-17-94	26.242	-90.596	29.727	33.045	10:50:00	08-17-94	25.999	-90.596	29.197	33.648
06:20:01	08-17-94	26.227	-90.597	29.674	32.937	10:54:59	08-17-94	25.999	-90.596	29.365	33.824
06:25:01	08-17-94	26.213	-90.598	29.802	32.978	10:59:59	08-17-94	26.000	-90.595	29.250	33.798
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06:35:01	08-17-94	26.185	-90.600	29.863	32.656	11:09:59	08-17-94	25.999	-90.592	28.971	33.455
06:40:01	08-17-94	26.171	-90.602	29.859	32.476	11:15:00	08-17-94	25.998	-90.591	28.926	33.445
06:45:01	08-17-94	26.156	-90.602	29.758	32.384	11:20:00	08-17-94	25.996	-90.590	28.935	33.447
06:50:01	08-17-94	26.142	-90.602	29.784	32.430	11:25:00	08-17-94	25.996	-90.590	29.051	33.595
06:55:01	08-17-94	26.128	-90.603	29.788	32.467	11:30:00	08-17-94	25.994	-90.589	29.170	33.691
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07:25:01	08-17-94	26.043	-90.605	29.498	32.010	12:00:00	08-17-94	25.997	-90.591	29.139	33.696
07:30:01	08-17-94	26.029	-90.604	29.489	32.437	12:05:00	08-17-94	25.997	-90.590	29.241	33.739
07:34:59	08-17-94	26.017	-90.603	29.445	33.118	12:10:00	08-17-94	25.996	-90.590	29.246	33.720
07:40:02	08-17-94	26.006	-90.601	29.431	33.524	12:15:00	08-17-94	25.996	-90.590	29.268	33.745
07:45:01	08-17-94	26.002	-90.600	29.498	33.543	12:20:00	08-17-94	25.996	-90.588	29.188	33.760
07:49:58	08-17-94	26.002	-90.600	29.656	34.053	12:25:00	08-17-94	25.995	-90.586	29.201	33.792
07:54:58	08-17-94	26.001	-90.599	29.744	34.328	12:30:00	08-17-94	25.994	-90.588	29.299	33.805
07:59:58	08-17-94	26.001	-90.600	29.771	34.169	12:35:00	08-17-94	25.994	-90.588	29.316	33.776
08:04:58	08-17-94	25.997	-90.599	29.568	33.853	12:40:00	08-17-94	25.993	-90.588	29.338	33.761
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08:14:58	08-17-94	26.000	-90.600	29.361	33.655	12:50:00	08-17-94	25.994	-90.586	29.330	33.816
08:20:02	08-17-94	26.004	-90.603	29.436	33.742	12:55:00	08-17-94	25.994	-90.585	29.396	33.737
08:24:58	08-17-94	26.007	-90.606	29.374	33.622	13:00:00	08-17-94	25.993	-90.584	29.378	33.741
08:30:02	08-17-94	26.011	-90.609	29.197	33.240	13:05:00	08-17-94	25.992	-90.583	29.400	33.824
08:35:02	08-17-94	26.010	-90.607	29.122	32.928	13:10:00	08-17-94	25.992	-90.582	29.471	33.798
08:40:02	08-17-94	26.007	-90.604	29.347	33.534	13:15:00	08-17-94	25.992	-90.581	29.431	33.761
08:45:02	08-17-94	26.004	-90.602	29.308	33.513	13:20:00	08-17-94	25.992	-90.579	29.312	33.722
08:49:39	08-17-94	26.000	-90.599	29.476	33.828	13:25:00	08-17-94	25.993	-90.577	29.281	33.687
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09:00:02	08-17-94	25.993	-90.594	29.599	34.044	13:35:00	08-17-94	25.992	-90.576	29.188	33.548
09:05:02	08-17-94	25.994	-90.596	29.334	33.805	13:40:00	08-17-94	25.997	-90.589	29.325	33.868
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09:15:02	08-17-94	26.002	-90.600	29.625	34.075	13:50:01	08-17-94	26.002	-90.606	29.263	33.846
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09:30:02	08-17-94	26.002	-90.602	29.281	33.466	14:05:00	08-17-94	26.004	-90.599	29.144	33.685
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09:45:02	08-17-94	25.999	-90.598	29.325	33.754	14:20:00	08-17-94	26.006	-90.595	29.250	33.798
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10:10:02	08-17-94	25.998	-90.597	29.515	34.021	14:45:00	08-17-94	26.004	-90.589	29.458	33.914
10:15:02	08-17-94	25.998	-90.597	29.113	33.478	14:50:00	08-17-94	26.004	-90.588	29.418	33.926

14:55:00	08-17-94	26.003	-90.587	29.528	33.930	19:29:59	08-17-94	26.002	-90.573	30.008	34.544
15:00:00	08-17-94	26.003	-90.586	29.480	33.981	19:34:59	08-17-94	26.002	-90.572	30.012	34.598
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15:10:00	08-17-94	26.001	-90.596	29.374	33.965	19:45:03	08-17-94	26.002	-90.568	30.030	34.446
15:15:00	08-17-94	25.999	-90.607	29.480	34.211	19:49:59	08-17-94	26.003	-90.565	29.995	34.438
15:20:00	08-17-94	26.000	-90.607	29.515	34.169	19:55:03	08-17-94	26.004	-90.565	29.990	34.589
15:25:00	08-17-94	26.001	-90.605	29.493	34.201	19:59:58	08-17-94	26.006	-90.565	30.003	34.472
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15:35:00	08-17-94	26.000	-90.602	29.572	34.268	20:10:01	08-17-94	26.008	-90.562	30.030	34.520
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15:55:00	08-17-94	26.000	-90.594	29.608	34.301	20:30:02	08-17-94	26.012	-90.559	30.091	34.550
16:00:00	08-17-94	26.000	-90.592	29.643	34.342	20:35:02	08-17-94	26.013	-90.556	30.161	34.541
16:05:00	08-17-94	26.000	-90.590	29.674	34.394	20:40:02	08-17-94	26.014	-90.554	30.117	34.564
16:10:00	08-17-94	26.000	-90.588	29.722	34.450	20:45:02	08-17-94	26.015	-90.552	30.091	34.567
16:15:00	08-17-94	25.999	-90.586	29.665	34.417	20:50:02	08-17-94	26.015	-90.552	30.091	34.567
16:20:00	08-17-94	25.998	-90.584	29.665	34.384	20:55:02	08-17-94	26.014	-90.552	30.100	34.544
16:25:00	08-17-94	25.998	-90.583	29.678	34.383	21:00:02	08-17-94	26.015	-90.549	30.144	34.513
16:30:00	08-17-94	25.998	-90.592	29.709	34.484	21:05:02	08-17-94	26.015	-90.547	30.192	34.544
16:35:00	08-17-94	26.001	-90.604	29.709	34.551	21:10:02	08-17-94	26.013	-90.547	30.187	34.482
16:40:00	08-17-94	26.000	-90.610	29.665	34.384	21:15:02	08-17-94	26.012	-90.547	30.297	34.330
16:44:59	08-17-94	25.998	-90.608	29.678	34.391	21:20:02	08-17-94	26.010	-90.547	30.292	34.268
16:50:02	08-17-94	25.999	-90.607	29.692	34.406	21:25:02	08-17-94	26.010	-90.547	30.297	34.118
16:55:01	08-17-94	25.999	-90.606	29.775	34.437	21:30:02	08-17-94	26.010	-90.547	30.297	34.118
17:00:01	08-17-94	25.998	-90.604	29.762	34.455	21:35:02	08-17-94	26.009	-90.547	30.288	34.075
17:04:59	08-17-94	25.997	-90.602	29.815	34.483	21:40:02	08-17-94	26.009	-90.546	30.288	34.026
17:09:59	08-17-94	25.996	-90.600	29.863	34.548	21:45:02	08-17-94	26.008	-90.546	30.236	34.022
17:14:59	08-17-94	25.995	-90.598	29.911	34.604	21:50:02	08-17-94	26.007	-90.546	30.249	34.037
17:19:59	08-17-94	25.996	-90.596	29.867	34.644	21:55:02	08-17-94	26.006	-90.546	30.262	34.053
17:24:59	08-17-94	25.996	-90.596	29.986	34.600	22:00:02	08-17-94	26.007	-90.546	30.244	34.106
17:29:59	08-17-94	25.994	-90.594	29.902	34.586	22:05:02	08-17-94	26.003	-90.545	30.249	34.152
17:34:59	08-17-94	25.993	-90.594	29.955	34.589	22:10:02	08-17-94	26.003	-90.554	30.012	34.122
17:39:59	08-17-94	25.992	-90.593	30.003	34.596	22:15:02	08-17-94	25.998	-90.564	29.968	34.112
17:44:59	08-17-94	25.991	-90.592	30.139	34.590	22:20:02	08-17-94	25.999	-90.578	30.038	34.234
17:49:59	08-17-94	25.991	-90.591	30.122	34.578	22:25:02	08-17-94	26.000	-90.591	30.091	34.271
17:54:59	08-17-94	25.992	-90.590	30.126	34.575	22:30:02	08-17-94	26.000	-90.600	30.126	34.205
17:59:59	08-17-94	25.993	-90.589	30.003	34.637	22:35:02	08-17-94	25.999	-90.600	30.117	34.170
18:04:59	08-17-94	25.994	-90.588	29.968	34.596	22:40:02	08-17-94	26.000	-90.599	30.056	34.156
18:09:59	08-17-94	25.996	-90.586	29.982	34.571	22:45:02	08-17-94	26.001	-90.599	30.074	34.136
18:14:59	08-17-94	25.995	-90.584	30.117	34.663	22:50:02	08-17-94	26.002	-90.598	30.030	34.093
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18:24:59	08-17-94	25.994	-90.580	29.990	34.465	23:00:02	08-18-94	26.002	-90.598	30.021	34.042
18:29:59	08-17-94	25.994	-90.577	30.030	34.388	23:05:01	08-18-94	26.001	-90.597	30.021	34.025
18:34:59	08-17-94	25.994	-90.578	30.017	34.373	23:09:59	08-18-94	26.001	-90.597	30.003	34.046
18:39:59	08-17-94	25.994	-90.576	29.990	34.358	23:14:59	08-18-94	26.000	-90.597	29.999	34.033
18:44:59	08-17-94	25.992	-90.574	29.951	34.280	23:19:59	08-18-94	26.000	-90.596	30.008	34.026
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18:54:59	08-17-94	25.992	-90.571	29.924	34.052	23:29:59	08-18-94	25.999	-90.596	29.990	34.014
18:59:59	08-17-94	25.991	-90.571	29.929	33.951	23:34:59	08-18-94	26.000	-90.596	29.973	33.994
19:04:59	08-17-94	25.990	-90.569	29.845	33.928	23:39:59	08-18-94	26.000	-90.596	29.946	33.963
19:09:59	08-17-94	25.994	-90.575	29.907	33.975	23:44:59	08-18-94	26.001	-90.596	29.823	33.723
19:14:59	08-17-94	25.995	-90.576	30.074	34.300	23:49:59	08-18-94	26.001	-90.596	29.784	33.604
19:19:59	08-17-94	25.997	-90.576	30.095	34.407	23:54:59	08-18-94	26.001	-90.596	29.744	33.453
19:24:59	08-17-94	26.000	-90.575	30.091	34.402	23:59:59	08-18-94	26.001	-90.596	29.714	33.369

00:04:59	08-18-94	26.001	-90.596	29.696	33.284	04:40:03	08-18-94	26.000	-90.601	29.422	32.179
00:09:59	08-18-94	26.001	-90.596	29.674	33.202	04:45:03	08-18-94	26.001	-90.601	29.458	32.179
00:14:59	08-18-94	26.002	-90.596	29.740	33.133	04:50:03	08-18-94	26.000	-90.602	29.427	32.184
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00:49:59	08-18-94	26.000	-90.597	29.542	32.482	05:25:01	08-18-94	26.000	-90.607	29.467	32.221
00:54:59	08-18-94	25.998	-90.598	29.506	32.418	05:30:01	08-18-94	26.000	-90.607	29.484	32.225
00:59:59	08-18-94	25.998	-90.598	29.471	32.425	05:35:01	08-18-94	26.000	-90.607	29.511	32.239
01:04:59	08-18-94	25.998	-90.599	29.493	32.418	05:40:01	08-18-94	26.000	-90.608	29.533	32.256
01:09:59	08-18-94	25.998	-90.599	29.458	32.315	05:45:01	08-18-94	26.000	-90.608	29.564	32.268
01:14:59	08-18-94	25.997	-90.598	29.533	32.503	05:50:01	08-18-94	26.000	-90.608	29.586	32.285
01:19:59	08-18-94	25.996	-90.597	29.700	32.894	05:55:01	08-18-94	26.000	-90.609	29.608	32.294
01:25:03	08-18-94	25.995	-90.596	29.674	32.832	06:00:01	08-18-94	26.000	-90.609	29.630	32.303
01:29:59	08-18-94	25.993	-90.594	29.678	32.853	06:05:01	08-18-94	26.000	-90.609	29.647	32.323
01:35:03	08-18-94	25.992	-90.594	29.652	32.863	06:10:01	08-18-94	26.000	-90.609	29.647	32.323
01:39:59	08-18-94	25.992	-90.594	29.559	32.622	06:15:01	08-18-94	26.000	-90.610	29.621	32.333
01:45:03	08-18-94	25.993	-90.594	29.595	32.622	06:20:01	08-18-94	26.000	-90.610	29.625	32.330
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02:05:00	08-18-94	26.000	-90.599	29.652	32.344	06:40:01	08-18-94	26.000	-90.608	29.617	32.328
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02:14:59	08-18-94	26.001	-90.601	29.555	32.234	06:50:01	08-18-94	26.001	-90.606	29.634	32.332
02:19:59	08-18-94	26.001	-90.600	29.612	32.315	06:55:01	08-18-94	26.001	-90.605	29.647	32.339
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03:19:59	08-18-94	25.990	-90.599	29.502	32.309	07:55:01	08-18-94	26.003	-90.602	29.568	32.328
03:24:59	08-18-94	25.989	-90.599	29.493	32.315	08:00:01	08-18-94	26.003	-90.602	29.564	32.331
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03:34:59	08-18-94	25.988	-90.599	29.484	32.361	08:10:01	08-18-94	26.004	-90.601	29.546	32.343
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03:54:59	08-18-94	25.984	-90.598	29.511	32.470	08:30:00	08-18-94	26.003	-90.600	29.559	32.350
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04:19:59	08-18-94	25.994	-90.598	29.489	32.382	08:55:00	08-18-94	26.001	-90.598	29.634	32.356
04:25:03	08-18-94	25.996	-90.599	29.453	32.389	09:00:00	08-18-94	26.002	-90.598	29.550	32.364
04:29:59	08-18-94	25.998	-90.600	29.356	32.216	09:05:00	08-18-94	26.002	-90.596	29.520	32.361
04:35:03	08-18-94	25.999	-90.601	29.396	32.165	09:10:00	08-18-94	26.001	-90.595	29.502	32.349

09:15:00	08-18-94	26.001	-90.593	29.489	32.318	13:50:00	08-18-94	26.139	-91.202	29.595	34.154
09:20:00	08-18-94	26.001	-90.591	29.462	32.304	13:55:00	08-18-94	26.142	-91.215	29.643	33.980
09:25:00	08-18-94	26.000	-90.590	29.422	32.275	14:00:00	08-18-94	26.145	-91.229	29.700	34.022
09:30:00	08-18-94	26.000	-90.588	29.392	32.248	14:05:01	08-18-94	26.148	-91.243	29.714	33.980
09:35:00	08-18-94	25.999	-90.586	29.387	32.258	14:10:01	08-18-94	26.150	-91.256	29.652	33.097
09:40:00	08-18-94	25.999	-90.585	29.374	32.267	14:15:02	08-18-94	26.152	-91.270	29.665	32.862
09:45:00	08-18-94	25.998	-90.583	29.347	32.261	14:20:02	08-18-94	26.155	-91.282	29.665	32.975
09:50:00	08-18-94	25.998	-90.582	29.316	32.274	14:25:00	08-18-94	26.157	-91.296	29.678	33.054
09:55:00	08-18-94	25.998	-90.580	29.312	32.341	14:30:02	08-18-94	26.160	-91.309	29.683	33.067
10:00:00	08-18-94	25.997	-90.579	29.303	32.490	14:35:02	08-18-94	26.162	-91.323	29.683	33.076
10:05:00	08-18-94	25.997	-90.577	29.277	32.621	14:40:02	08-18-94	26.164	-91.337	29.709	33.025
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10:20:00	08-18-94	25.999	-90.590	29.308	32.352	14:55:02	08-18-94	26.172	-91.376	29.775	32.564
10:25:00	08-18-94	26.002	-90.605	29.480	32.380	15:00:02	08-18-94	26.174	-91.389	29.802	32.347
10:30:00	08-18-94	26.006	-90.619	29.617	32.439	15:05:02	08-18-94	26.178	-91.402	29.837	32.205
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10:40:00	08-18-94	26.012	-90.648	29.559	32.510	15:15:02	08-18-94	26.184	-91.428	29.854	31.996
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10:50:00	08-18-94	26.019	-90.677	29.550	32.587	15:25:02	08-18-94	26.190	-91.454	29.845	31.868
10:55:00	08-18-94	26.022	-90.692	29.506	32.529	15:30:02	08-18-94	26.194	-91.467	29.854	31.830
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11:05:03	08-18-94	26.028	-90.721	29.520	32.480	15:40:02	08-18-94	26.206	-91.491	29.863	31.793
11:10:01	08-18-94	26.031	-90.735	29.498	32.519	15:45:02	08-18-94	26.213	-91.503	29.863	31.801
11:15:00	08-18-94	26.034	-90.750	29.511	32.622	15:50:02	08-18-94	26.215	-91.516	29.867	31.782
11:20:02	08-18-94	26.037	-90.765	29.498	32.703	15:55:02	08-18-94	26.216	-91.511	29.876	31.777
11:25:00	08-18-94	26.041	-90.779	29.542	32.778	16:00:02	08-18-94	26.218	-91.503	29.977	31.797
11:30:00	08-18-94	26.044	-90.794	29.524	32.846	16:05:02	08-18-94	26.221	-91.516	29.898	31.802
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11:40:00	08-18-94	26.051	-90.823	29.498	32.880	16:15:02	08-18-94	26.226	-91.545	29.889	31.744
11:45:00	08-18-94	26.055	-90.838	29.476	32.959	16:20:02	08-18-94	26.229	-91.557	29.885	31.708
11:50:00	08-18-94	26.058	-90.853	29.550	33.094	16:25:02	08-18-94	26.232	-91.570	29.889	31.682
11:55:00	08-18-94	26.062	-90.868	29.542	33.253	16:30:02	08-18-94	26.236	-91.584	29.876	31.690
12:00:00	08-18-94	26.065	-90.882	29.546	33.428	16:35:02	08-18-94	26.238	-91.599	29.863	31.675
12:05:00	08-18-94	26.067	-90.898	29.524	33.476	16:40:02	08-18-94	26.241	-91.612	29.850	31.676
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12:15:00	08-18-94	26.073	-90.927	29.515	33.490	16:50:02	08-18-94	26.245	-91.640	29.832	31.688
12:20:00	08-18-94	26.077	-90.942	29.493	33.400	16:55:02	08-18-94	26.248	-91.654	29.815	31.723
12:25:00	08-18-94	26.080	-90.956	29.489	33.282	17:00:02	08-18-94	26.250	-91.669	29.806	31.736
12:30:00	08-18-94	26.083	-90.971	29.520	33.252	17:05:02	08-18-94	26.253	-91.683	29.823	31.748
12:35:00	08-18-94	26.086	-90.986	29.489	33.298	17:10:02	08-18-94	26.255	-91.696	29.815	31.770
12:40:00	08-18-94	26.090	-91.000	29.520	33.406	17:15:00	08-18-94	26.258	-91.711	29.850	31.817
12:45:00	08-18-94	26.094	-91.014	29.564	33.587	17:19:58	08-18-94	26.262	-91.725	29.784	31.845
12:50:00	08-18-94	26.097	-91.030	29.568	33.657	17:25:00	08-18-94	26.264	-91.740	29.692	31.811
12:55:00	08-18-94	26.101	-91.044	29.564	33.685	17:29:59	08-18-94	26.268	-91.755	29.639	31.822
13:00:00	08-18-94	26.104	-91.058	29.524	33.566	17:34:59	08-18-94	26.271	-91.769	29.630	31.931
13:05:00	08-18-94	26.107	-91.072	29.542	33.618	17:39:59	08-18-94	26.273	-91.784	29.639	32.083
13:10:00	08-18-94	26.111	-91.087	29.533	33.739	17:44:59	08-18-94	26.276	-91.800	29.634	32.292
13:15:00	08-18-94	26.114	-91.101	29.542	33.806	17:49:59	08-18-94	26.279	-91.814	29.665	32.478
13:20:00	08-18-94	26.118	-91.116	29.564	33.872	17:54:59	08-18-94	26.282	-91.829	29.696	32.793
13:25:00	08-18-94	26.121	-91.130	29.603	34.016	17:59:59	08-18-94	26.285	-91.844	29.731	33.050
13:30:00	08-18-94	26.125	-91.145	29.617	34.106	18:04:59	08-18-94	26.288	-91.860	29.788	33.439
13:35:00	08-18-94	26.129	-91.159	29.621	34.160	18:09:59	08-18-94	26.291	-91.875	29.797	33.636
13:40:00	08-18-94	26.132	-91.173	29.639	34.279	18:14:59	08-18-94	26.295	-91.890	29.797	33.954
13:45:00	08-18-94	26.135	-91.187	29.639	34.419	18:19:59	08-18-94	26.298	-91.905	29.832	34.167

18:24:59	08-18-94	26.301	-91.920	29.819	34.670	23:00:01	08-19-94	26.454	-92.661	30.187	34.919
18:29:59	08-18-94	26.305	-91.935	29.841	34.895	23:05:01	08-19-94	26.456	-92.675	30.218	34.938
18:34:59	08-18-94	26.307	-91.950	29.946	35.135	23:10:01	08-19-94	26.460	-92.690	30.253	34.971
18:39:59	08-18-94	26.310	-91.966	29.964	35.189	23:15:01	08-19-94	26.463	-92.705	30.284	34.999
18:44:59	08-18-94	26.312	-91.980	29.920	35.237	23:20:01	08-19-94	26.466	-92.719	30.323	35.020
18:49:59	08-18-94	26.316	-91.994	29.889	35.277	23:25:02	08-19-94	26.468	-92.734	30.262	34.982
18:54:59	08-18-94	26.319	-92.008	29.823	35.233	23:30:02	08-19-94	26.472	-92.749	30.323	34.987
18:59:59	08-18-94	26.322	-92.023	29.832	35.226	23:35:00	08-19-94	26.475	-92.763	30.043	34.899
19:04:59	08-18-94	26.324	-92.031	29.982	35.251	23:40:01	08-19-94	26.479	-92.778	30.117	34.895
19:09:59	08-18-94	26.325	-92.034	30.117	35.252	23:45:01	08-19-94	26.482	-92.792	30.192	34.941
19:14:59	08-18-94	26.326	-92.038	30.126	35.263	23:50:01	08-19-94	26.486	-92.807	30.157	34.958
19:19:59	08-18-94	26.327	-92.042	30.161	35.262	23:55:01	08-19-94	26.489	-92.821	30.249	34.983
19:25:03	08-18-94	26.328	-92.046	30.157	35.257	00:00:01	08-19-94	26.492	-92.836	30.262	34.990
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19:35:03	08-18-94	26.335	-92.073	29.990	35.211	00:10:01	08-19-94	26.499	-92.865	30.174	34.995
19:39:59	08-18-94	26.339	-92.087	29.982	35.201	00:15:01	08-19-94	26.504	-92.879	30.209	35.003
19:45:03	08-18-94	26.342	-92.102	30.003	35.160	00:20:01	08-19-94	26.508	-92.893	30.279	35.002
19:49:59	08-18-94	26.344	-92.116	29.999	35.105	00:25:01	08-19-94	26.514	-92.907	30.249	35.008
19:55:03	08-18-94	26.347	-92.130	30.012	35.079	00:30:01	08-19-94	26.518	-92.921	30.231	35.012
20:00:03	08-18-94	26.350	-92.144	30.043	35.056	00:35:01	08-19-94	26.523	-92.935	30.200	35.034
20:05:03	08-18-94	26.352	-92.158	30.008	35.049	00:40:01	08-19-94	26.528	-92.949	30.126	35.088
20:10:03	08-18-94	26.356	-92.173	30.038	35.026	00:45:01	08-19-94	26.531	-92.964	30.397	35.158
20:15:01	08-18-94	26.359	-92.187	30.038	35.018	00:50:01	08-19-94	26.535	-92.978	30.301	35.086
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20:25:00	08-18-94	26.364	-92.214	30.030	35.000	01:00:01	08-19-94	26.543	-93.007	30.476	35.084
20:30:02	08-18-94	26.367	-92.229	30.078	34.990	01:05:01	08-19-94	26.547	-93.021	30.484	35.062
20:35:00	08-18-94	26.371	-92.243	30.095	34.994	01:10:01	08-19-94	26.550	-93.035	30.332	35.022
20:40:00	08-18-94	26.374	-92.258	30.135	34.998	01:15:01	08-19-94	26.554	-93.049	30.244	34.986
20:45:00	08-18-94	26.377	-92.272	30.170	35.006	01:20:01	08-19-94	26.558	-93.064	30.249	35.016
20:50:01	08-18-94	26.380	-92.286	30.279	35.010	01:25:01	08-19-94	26.562	-93.078	30.340	35.091
20:55:01	08-18-94	26.382	-92.300	30.358	35.004	01:30:01	08-19-94	26.565	-93.092	30.432	35.157
21:00:01	08-18-94	26.385	-92.314	30.249	34.958	01:35:01	08-19-94	26.568	-93.107	30.375	35.165
21:05:01	08-18-94	26.388	-92.328	30.196	34.913	01:40:01	08-19-94	26.572	-93.122	30.345	35.146
21:10:01	08-18-94	26.391	-92.342	30.157	34.875	01:45:01	08-19-94	26.576	-93.136	30.366	35.171
21:15:01	08-18-94	26.394	-92.357	30.200	34.910	01:50:01	08-19-94	26.579	-93.151	30.366	35.205
21:20:01	08-18-94	26.397	-92.372	30.192	34.949	01:55:01	08-19-94	26.583	-93.165	30.414	35.178
21:25:01	08-18-94	26.399	-92.386	30.183	34.914	02:00:01	08-19-94	26.585	-93.180	30.380	35.104
21:30:01	08-18-94	26.401	-92.400	30.301	34.862	02:05:01	08-19-94	26.588	-93.195	30.249	35.032
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21:40:01	08-18-94	26.407	-92.430	30.166	34.819	02:15:01	08-19-94	26.593	-93.225	30.117	35.028
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21:50:01	08-18-94	26.412	-92.458	30.091	34.814	02:25:02	08-19-94	26.599	-93.255	30.152	35.227
21:55:01	08-18-94	26.417	-92.473	30.043	34.808	02:30:00	08-19-94	26.603	-93.270	30.038	35.385
22:00:01	08-18-94	26.420	-92.488	29.955	34.788	02:35:00	08-19-94	26.606	-93.284	30.030	35.559
22:05:01	08-18-94	26.422	-92.501	29.986	34.782	02:40:02	08-19-94	26.609	-93.300	29.942	35.691
22:10:01	08-18-94	26.423	-92.515	30.034	34.814	02:45:02	08-19-94	26.612	-93.315	30.130	35.762
22:15:01	08-18-94	26.430	-92.531	30.012	34.871	02:50:02	08-19-94	26.615	-93.330	29.951	35.794
22:20:01	08-18-94	26.430	-92.544	30.052	34.950	02:55:02	08-19-94	26.618	-93.345	29.867	35.872
22:25:01	08-18-94	26.434	-92.559	30.222	34.985	03:00:02	08-19-94	26.621	-93.361	29.872	36.030
22:30:01	08-18-94	26.436	-92.574	30.401	35.005	03:05:02	08-19-94	26.624	-93.375	29.727	36.105
22:35:01	08-18-94	26.439	-92.588	30.489	35.000	03:10:02	08-19-94	26.627	-93.390	29.670	36.139
22:40:01	08-18-94	26.441	-92.603	30.380	34.971	03:15:02	08-19-94	26.630	-93.405	29.683	36.180
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22:50:01	08-18-94	26.448	-92.632	30.301	34.879	03:25:02	08-19-94	26.637	-93.434	29.775	36.102
22:55:01	08-18-94	26.451	-92.646	30.288	34.905	03:30:02	08-19-94	26.640	-93.449	29.714	36.089

03:35:02	08-19-94	26.644	-93.463	29.599	36.090	08:10:03	08-19-94	26.808	-94.257	29.867	35.889
03:40:02	08-19-94	26.647	-93.478	29.489	36.096	08:15:03	08-19-94	26.812	-94.271	29.819	35.908
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03:50:02	08-19-94	26.655	-93.507	29.656	36.132	08:25:03	08-19-94	26.819	-94.300	29.806	35.918
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04:10:02	08-19-94	26.669	-93.566	29.709	36.220	08:44:59	08-19-94	26.835	-94.358	29.902	35.846
04:15:02	08-19-94	26.672	-93.580	29.823	36.219	08:50:02	08-19-94	26.839	-94.372	29.898	35.816
04:20:02	08-19-94	26.676	-93.595	29.775	36.204	08:55:02	08-19-94	26.842	-94.386	29.885	35.809
04:25:02	08-19-94	26.679	-93.610	29.740	36.180	09:00:02	08-19-94	26.847	-94.400	29.850	35.784
04:30:02	08-19-94	26.682	-93.625	29.678	36.183	09:05:02	08-19-94	26.850	-94.414	29.815	35.810
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04:45:02	08-19-94	26.690	-93.670	29.705	36.181	09:20:02	08-19-94	26.861	-94.457	29.797	35.672
04:50:02	08-19-94	26.693	-93.684	29.581	36.180	09:25:02	08-19-94	26.865	-94.471	29.793	35.633
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05:05:02	08-19-94	26.703	-93.728	29.736	36.276	09:40:02	08-19-94	26.877	-94.514	29.744	35.576
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05:15:02	08-19-94	26.709	-93.757	29.630	36.271	09:50:02	08-19-94	26.884	-94.543	29.705	35.563
05:20:02	08-19-94	26.712	-93.772	29.595	36.272	09:55:02	08-19-94	26.888	-94.557	29.771	35.582
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05:30:03	08-19-94	26.717	-93.801	29.581	36.265	10:05:02	08-19-94	26.896	-94.586	29.722	35.584
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05:40:00	08-19-94	26.723	-93.829	29.612	36.310	10:15:02	08-19-94	26.903	-94.614	29.810	35.637
05:44:59	08-19-94	26.726	-93.843	29.714	36.310	10:20:02	08-19-94	26.906	-94.629	29.867	35.645
05:49:59	08-19-94	26.728	-93.857	29.775	36.306	10:25:02	08-19-94	26.910	-94.642	29.889	35.637
05:54:59	08-19-94	26.731	-93.871	29.797	36.256	10:30:02	08-19-94	26.914	-94.657	29.872	35.650
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06:04:59	08-19-94	26.735	-93.899	29.718	36.162	10:40:02	08-19-94	26.921	-94.686	29.841	35.648
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06:14:59	08-19-94	26.741	-93.927	29.674	36.102	10:50:02	08-19-94	26.928	-94.715	29.850	35.650
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06:24:59	08-19-94	26.746	-93.956	29.652	36.033	11:00:02	08-19-94	26.934	-94.744	29.859	35.668
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06:34:59	08-19-94	26.750	-93.984	29.630	36.007	11:10:02	08-19-94	26.941	-94.774	29.854	35.680
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07:00:03	08-19-94	26.762	-94.055	29.608	36.075	11:35:02	08-19-94	26.957	-94.846	29.700	35.684
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07:10:03	08-19-94	26.768	-94.084	29.709	35.931	11:45:02	08-19-94	26.964	-94.875	29.634	35.868
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07:20:03	08-19-94	26.773	-94.113	29.802	35.905	11:55:00	08-19-94	26.971	-94.904	29.692	36.190
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07:30:03	08-19-94	26.780	-94.142	29.806	35.910	12:05:00	08-19-94	26.976	-94.932	29.414	36.298
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07:55:03	08-19-94	26.798	-94.214	29.819	35.934	12:30:01	08-19-94	26.991	-95.004	29.383	36.296
08:00:03	08-19-94	26.801	-94.228	29.806	35.944	12:35:01	08-19-94	26.995	-95.018	29.414	36.281
08:05:03	08-19-94	26.804	-94.243	29.876	35.900	12:40:01	08-19-94	26.998	-95.032	29.453	36.268

12:45:01	08-19-94	27.002	-95.046	29.476	36.277	17:20:03	08-19-94	27.169	-95.786	29.166	36.093
12:50:01	08-19-94	27.004	-95.060	29.467	36.266	17:25:03	08-19-94	27.173	-95.801	29.153	36.077
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13:05:01	08-19-94	27.014	-95.102	29.343	36.266	17:40:03	08-19-94	27.183	-95.844	29.077	36.074
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13:15:01	08-19-94	27.020	-95.129	29.462	36.295	17:50:02	08-19-94	27.189	-95.873	29.095	36.069
13:20:01	08-19-94	27.024	-95.142	29.480	36.316	17:55:00	08-19-94	27.193	-95.888	29.113	36.073
13:25:01	08-19-94	27.027	-95.157	29.515	36.341	18:00:00	08-19-94	27.197	-95.902	29.153	36.068
13:30:01	08-19-94	27.030	-95.170	29.550	36.356	18:05:00	08-19-94	27.200	-95.916	29.215	36.098
13:35:01	08-19-94	27.032	-95.184	29.564	36.355	18:10:00	08-19-94	27.203	-95.931	29.263	36.130
13:40:01	08-19-94	27.036	-95.198	29.555	36.353	18:15:00	08-19-94	27.205	-95.945	29.312	36.136
13:45:01	08-19-94	27.039	-95.212	29.564	36.355	18:20:00	08-19-94	27.209	-95.959	29.321	36.146
13:50:01	08-19-94	27.042	-95.226	29.559	36.350	18:25:00	08-19-94	27.212	-95.974	29.308	36.139
13:55:01	08-19-94	27.045	-95.239	29.555	36.345	18:30:00	08-19-94	27.215	-95.988	29.294	36.132
14:00:01	08-19-94	27.048	-95.253	29.546	36.343	18:35:00	08-19-94	27.217	-96.002	29.294	36.124
14:05:01	08-19-94	27.052	-95.266	29.537	36.341	18:40:00	08-19-94	27.220	-96.016	29.268	36.127
14:10:01	08-19-94	27.055	-95.280	29.542	36.346	18:45:00	08-19-94	27.221	-96.031	29.250	36.123
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14:20:01	08-19-94	27.062	-95.306	29.577	36.336	18:55:00	08-19-94	27.226	-96.059	29.259	36.116
14:25:01	08-19-94	27.066	-95.320	29.537	36.324	19:00:00	08-19-94	27.228	-96.074	29.268	36.110
14:30:01	08-19-94	27.068	-95.333	29.520	36.312	19:05:00	08-19-94	27.230	-96.088	29.268	36.110
14:35:01	08-19-94	27.071	-95.347	29.405	36.270	19:10:00	08-19-94	27.232	-96.102	29.352	36.123
14:40:02	08-19-94	27.073	-95.360	29.334	36.247	19:15:00	08-19-94	27.234	-96.117	29.471	36.135
14:44:58	08-19-94	27.076	-95.374	29.259	36.219	19:20:00	08-19-94	27.236	-96.131	29.577	36.149
14:50:00	08-19-94	27.079	-95.386	29.250	36.225	19:25:00	08-19-94	27.238	-96.146	29.621	36.158
14:54:59	08-19-94	27.082	-95.399	29.316	36.252	19:30:00	08-19-94	27.241	-96.160	29.572	36.161
14:59:59	08-19-94	27.084	-95.413	29.392	36.289	19:35:00	08-19-94	27.243	-96.173	29.559	36.154
15:04:59	08-19-94	27.087	-95.426	29.453	36.302	19:40:00	08-19-94	27.242	-96.173	29.603	36.146
15:09:59	08-19-94	27.089	-95.439	29.458	36.307	19:45:00	08-19-94	27.241	-96.172	29.634	36.148
15:14:59	08-19-94	27.092	-95.452	29.480	36.308	19:50:00	08-19-94	27.238	-96.171	29.647	36.147
15:19:59	08-19-94	27.094	-95.465	29.396	36.269	19:55:00	08-19-94	27.236	-96.170	29.625	36.155
15:24:59	08-19-94	27.097	-95.478	29.338	36.235	20:00:00	08-19-94	27.234	-96.169	29.722	36.159
15:30:03	08-19-94	27.100	-95.491	29.268	36.212	20:05:00	08-19-94	27.232	-96.168	29.670	36.148
15:34:59	08-19-94	27.102	-95.503	29.285	36.207	20:10:00	08-19-94	27.229	-96.168	29.687	36.160
15:40:03	08-19-94	27.105	-95.516	29.277	36.188	20:15:00	08-19-94	27.227	-96.166	29.674	36.161
15:44:59	08-19-94	27.109	-95.528	29.232	36.188	20:20:00	08-19-94	27.233	-96.170	29.612	36.165
15:50:03	08-19-94	27.112	-95.542	29.201	36.160	20:25:00	08-19-94	27.239	-96.172	29.599	36.150
15:55:03	08-19-94	27.114	-95.555	29.179	36.134	20:30:00	08-19-94	27.239	-96.172	29.595	36.161
16:00:03	08-19-94	27.117	-95.567	29.219	36.138	20:35:00	08-19-94	27.241	-96.171	29.643	36.159
16:05:03	08-19-94	27.120	-95.581	29.224	36.134	20:40:00	08-19-94	27.240	-96.169	29.625	36.155
16:10:03	08-19-94	27.123	-95.594	29.179	36.134	20:45:03	08-19-94	27.240	-96.169	29.630	36.152
16:15:03	08-19-94	27.127	-95.607	29.130	36.128	20:49:59	08-19-94	27.240	-96.168	29.665	36.159
16:20:03	08-19-94	27.130	-95.620	29.082	36.114	20:55:00	08-19-94	27.240	-96.167	29.678	36.158
16:25:03	08-19-94	27.133	-95.634	29.051	36.112	20:59:59	08-19-94	27.240	-96.166	29.661	36.154
16:30:03	08-19-94	27.135	-95.648	28.957	36.080	21:04:59	08-19-94	27.240	-96.166	29.656	36.157
16:35:03	08-19-94	27.138	-95.662	29.011	36.073	21:09:59	08-19-94	27.241	-96.166	29.652	36.161
16:40:03	08-19-94	27.141	-95.676	29.064	36.076	21:14:59	08-19-94	27.241	-96.165	29.643	36.159
16:45:03	08-19-94	27.145	-95.689	29.108	36.076	21:19:59	08-19-94	27.240	-96.163	29.634	36.148
16:50:03	08-19-94	27.148	-95.703	29.117	36.078	21:24:59	08-19-94	27.240	-96.162	29.625	36.164
16:55:03	08-19-94	27.152	-95.717	29.153	36.086	21:29:59	08-19-94	27.239	-96.160	29.647	36.156
17:00:03	08-19-94	27.156	-95.731	29.135	36.082	21:35:03	08-19-94	27.239	-96.159	29.656	36.157
17:05:03	08-19-94	27.160	-95.744	29.144	36.084	21:39:59	08-19-94	27.238	-96.158	29.643	36.159
17:10:03	08-19-94	27.163	-95.759	29.161	36.087	21:45:03	08-19-94	27.238	-96.156	29.617	36.153
17:15:03	08-19-94	27.166	-95.773	29.175	36.094	21:49:59	08-19-94	27.238	-96.155	29.608	36.151

21:55:03	08-19-94	27.236	-96.154	29.577	36.158	02:30:03	08-20-94	27.225	-96.167	29.511	36.156
22:00:03	08-19-94	27.238	-96.153	29.581	36.154	02:35:03	08-20-94	27.227	-96.170	29.498	36.149
22:05:03	08-19-94	27.236	-96.152	29.590	36.156	02:40:03	08-20-94	27.231	-96.172	29.493	36.153
22:10:03	08-19-94	27.235	-96.150	29.564	36.159	02:45:03	08-20-94	27.234	-96.173	29.520	36.150
22:15:03	08-19-94	27.230	-96.147	29.564	36.150	02:50:00	08-20-94	27.237	-96.174	29.515	36.153
22:20:03	08-19-94	27.232	-96.147	29.559	36.154	02:55:02	08-20-94	27.241	-96.175	29.506	36.151
22:25:03	08-19-94	27.230	-96.145	29.555	36.166	03:00:01	08-20-94	27.245	-96.176	29.493	36.144
22:30:03	08-19-94	27.230	-96.144	29.559	36.162	03:04:59	08-20-94	27.248	-96.179	29.498	36.149
22:35:03	08-19-94	27.228	-96.143	29.564	36.159	03:10:02	08-20-94	27.250	-96.182	29.449	36.152
22:40:03	08-19-94	27.228	-96.142	29.546	36.155	03:15:02	08-20-94	27.254	-96.186	29.462	36.150
22:45:03	08-19-94	27.227	-96.141	29.528	36.160	03:20:02	08-20-94	27.256	-96.189	29.484	36.151
22:50:03	08-19-94	27.228	-96.141	29.533	36.157	03:25:02	08-20-94	27.259	-96.193	29.524	36.155
22:55:03	08-19-94	27.228	-96.140	29.550	36.160	03:30:02	08-20-94	27.262	-96.196	29.515	36.162
23:00:03	08-20-94	27.226	-96.142	29.555	36.157	03:35:02	08-20-94	27.264	-96.200	29.480	36.162
23:05:03	08-20-94	27.231	-96.152	29.524	36.163	03:40:02	08-20-94	27.267	-96.204	29.480	36.162
23:10:03	08-20-94	27.236	-96.164	29.546	36.164	03:45:02	08-20-94	27.270	-96.207	29.498	36.166
23:15:03	08-20-94	27.238	-96.171	29.577	36.158	03:50:02	08-20-94	27.272	-96.211	29.502	36.172
23:20:03	08-20-94	27.237	-96.172	29.599	36.158	03:55:02	08-20-94	27.275	-96.214	29.506	36.168
23:25:03	08-20-94	27.236	-96.172	29.590	36.156	04:00:02	08-20-94	27.278	-96.218	29.506	36.177
23:30:03	08-20-94	27.235	-96.172	29.546	36.155	04:05:02	08-20-94	27.281	-96.222	29.515	36.178
23:35:03	08-20-94	27.235	-96.172	29.568	36.164	04:10:02	08-20-94	27.284	-96.224	29.533	36.182
23:40:03	08-20-94	27.234	-96.172	29.586	36.159	04:15:02	08-20-94	27.283	-96.222	29.440	36.176
23:45:03	08-20-94	27.234	-96.172	29.595	36.161	04:20:02	08-20-94	27.281	-96.220	29.418	36.175
23:50:00	08-20-94	27.233	-96.171	29.612	36.165	04:25:02	08-20-94	27.281	-96.218	29.414	36.178
23:55:03	08-20-94	27.231	-96.171	29.625	36.155	04:30:02	08-20-94	27.280	-96.216	29.409	36.182
00:00:02	08-20-94	27.231	-96.171	29.617	36.162	04:35:02	08-20-94	27.278	-96.215	29.405	36.185
00:05:02	08-20-94	27.232	-96.171	29.599	36.158	04:40:02	08-20-94	27.278	-96.213	29.414	36.178
00:10:02	08-20-94	27.231	-96.170	29.590	36.165	04:45:02	08-20-94	27.277	-96.211	29.392	36.178
00:15:02	08-20-94	27.229	-96.169	29.555	36.166	04:50:02	08-20-94	27.275	-96.210	29.392	36.178
00:19:59	08-20-94	27.228	-96.169	29.564	36.168	04:55:02	08-20-94	27.274	-96.208	29.383	36.176
00:25:03	08-20-94	27.228	-96.168	29.564	36.159	05:00:02	08-20-94	27.273	-96.207	29.392	36.178
00:29:59	08-20-94	27.227	-96.168	29.599	36.166	05:05:02	08-20-94	27.272	-96.205	29.387	36.173
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00:45:03	08-20-94	27.225	-96.167	29.581	36.171	05:20:02	08-20-94	27.269	-96.200	29.378	36.180
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01:05:03	08-20-94	27.227	-96.166	29.520	36.158	05:40:02	08-20-94	27.264	-96.194	29.387	36.164
01:10:03	08-20-94	27.228	-96.166	29.537	36.162	05:45:02	08-20-94	27.263	-96.192	29.378	36.162
01:15:03	08-20-94	27.228	-96.166	29.515	36.162	05:50:02	08-20-94	27.262	-96.191	29.370	36.161
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01:25:03	08-20-94	27.228	-96.166	29.550	36.160	06:00:03	08-20-94	27.260	-96.187	29.370	36.161
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01:35:03	08-20-94	27.225	-96.162	29.542	36.159	06:10:01	08-20-94	27.258	-96.184	29.378	36.154
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01:45:03	08-20-94	27.221	-96.159	29.520	36.158	06:20:01	08-20-94	27.256	-96.180	29.396	36.158
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02:00:03	08-20-94	27.216	-96.154	29.506	36.151	06:35:01	08-20-94	27.254	-96.175	29.378	36.145
02:05:03	08-20-94	27.215	-96.152	29.498	36.158	06:40:01	08-20-94	27.254	-96.173	29.370	36.144
02:10:03	08-20-94	27.215	-96.154	29.550	36.152	06:45:01	08-20-94	27.253	-96.172	29.365	36.138
02:15:03	08-20-94	27.216	-96.158	29.581	36.154	06:50:01	08-20-94	27.252	-96.170	29.361	36.150
02:20:03	08-20-94	27.219	-96.161	29.550	36.143	06:55:01	08-20-94	27.252	-96.168	29.374	36.140
02:25:03	08-20-94	27.222	-96.165	29.559	36.154	07:00:01	08-20-94	27.251	-96.166	29.365	36.138



07:05:01	08-20-94	27.251	-96.164	29.378	36.137	11:40:00	08-20-94	27.233	-96.167	29.370	36.110
07:10:01	08-20-94	27.250	-96.162	29.396	36.132	11:45:00	08-20-94	27.232	-96.168	29.476	36.106
07:15:01	08-20-94	27.249	-96.160	29.400	36.120	11:50:00	08-20-94	27.230	-96.169	29.436	36.111
07:20:01	08-20-94	27.249	-96.158	29.383	36.116	11:55:00	08-20-94	27.228	-96.170	29.418	36.115
07:25:01	08-20-94	27.248	-96.156	29.370	36.118	12:00:00	08-20-94	27.227	-96.171	29.418	36.115
07:30:01	08-20-94	27.247	-96.154	29.365	36.113	12:05:01	08-20-94	27.225	-96.173	29.414	36.119
07:35:01	08-20-94	27.247	-96.152	29.361	36.108	12:10:00	08-20-94	27.224	-96.174	29.427	36.117
07:40:01	08-20-94	27.246	-96.151	29.365	36.113	12:15:02	08-20-94	27.225	-96.175	29.370	36.126
07:45:01	08-20-94	27.245	-96.148	29.370	36.110	12:20:03	08-20-94	27.229	-96.174	29.330	36.122
07:50:01	08-20-94	27.245	-96.147	29.374	36.098	12:24:59	08-20-94	27.230	-96.174	29.308	36.096
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08:15:01	08-20-94	27.242	-96.136	29.325	36.092	12:50:03	08-20-94	27.239	-96.171	29.396	36.106
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08:25:01	08-20-94	27.246	-96.141	29.396	36.098	13:00:03	08-20-94	27.245	-96.171	29.321	36.104
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08:35:01	08-20-94	27.251	-96.146	29.484	36.100	13:10:03	08-20-94	27.254	-96.170	29.352	36.114
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08:50:01	08-20-94	27.260	-96.155	29.520	36.107	13:25:03	08-20-94	27.268	-96.169	29.343	36.138
08:55:01	08-20-94	27.263	-96.158	29.520	36.124	13:30:03	08-20-94	27.267	-96.168	29.356	36.145
09:00:03	08-20-94	27.266	-96.160	29.520	36.133	13:35:03	08-20-94	27.267	-96.166	29.356	36.145
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09:15:00	08-20-94	27.277	-96.166	29.409	36.156	13:50:03	08-20-94	27.266	-96.175	29.347	36.143
09:20:00	08-20-94	27.277	-96.165	29.427	36.160	13:54:59	08-20-94	27.268	-96.189	29.330	36.156
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09:30:00	08-20-94	27.273	-96.167	29.515	36.162	14:05:02	08-20-94	27.271	-96.203	29.334	36.162
09:35:00	08-20-94	27.271	-96.168	29.528	36.152	14:10:02	08-20-94	27.273	-96.217	29.325	36.168
09:40:00	08-20-94	27.268	-96.169	29.480	36.154	14:15:02	08-20-94	27.275	-96.232	29.330	36.174
09:45:00	08-20-94	27.266	-96.169	29.480	36.146	14:20:02	08-20-94	27.278	-96.245	29.334	36.170
09:50:00	08-20-94	27.264	-96.170	29.515	36.136	14:25:02	08-20-94	27.280	-96.260	29.347	36.169
09:55:00	08-20-94	27.262	-96.171	29.515	36.153	14:30:02	08-20-94	27.282	-96.273	29.347	36.177
10:00:00	08-20-94	27.260	-96.172	29.515	36.144	14:35:02	08-20-94	27.285	-96.288	29.361	36.176
10:05:00	08-20-94	27.257	-96.173	29.471	36.118	14:40:02	08-20-94	27.288	-96.301	29.356	36.179
10:10:00	08-20-94	27.255	-96.174	29.431	36.131	14:45:02	08-20-94	27.290	-96.315	29.365	36.172
10:15:00	08-20-94	27.253	-96.173	29.462	36.133	14:50:02	08-20-94	27.301	-96.321	29.347	36.169
10:20:00	08-20-94	27.251	-96.173	29.445	36.121	14:55:02	08-20-94	27.314	-96.326	29.334	36.179
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10:45:00	08-20-94	27.245	-96.172	29.409	36.105	15:20:04	08-20-94	27.380	-96.348	29.316	36.175
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11:30:00	08-20-94	27.235	-96.166	29.427	36.109	16:05:00	08-20-94	27.498	-96.390	29.192	36.132
11:35:00	08-20-94	27.234	-96.166	29.436	36.102	16:10:00	08-20-94	27.511	-96.394	29.201	36.143

16:15:00	08-20-94	27.525	-96.398	29.206	36.139	20:50:01	08-20-94	27.964	-96.553	29.696	35.671
16:20:00	08-20-94	27.536	-96.403	29.201	36.143	20:55:01	08-20-94	27.964	-96.553	29.652	35.670
16:25:00	08-20-94	27.551	-96.407	29.201	36.143	21:00:01	08-20-94	27.964	-96.553	29.643	35.668
16:30:00	08-20-94	27.562	-96.413	29.206	36.139	21:05:01	08-20-94	27.964	-96.553	29.670	35.665
16:35:00	08-20-94	27.575	-96.418	29.210	36.136	21:10:01	08-20-94	27.964	-96.553	29.661	35.663
16:40:00	08-20-94	27.588	-96.422	29.197	36.137	21:15:04	08-20-94	27.964	-96.553	29.643	35.676
16:45:00	08-20-94	27.601	-96.429	29.184	36.139	21:19:59	08-20-94	27.964	-96.553	29.647	35.673
16:50:00	08-20-94	27.614	-96.432	29.192	36.132	21:24:59	08-20-94	27.965	-96.553	29.692	35.674
16:55:00	08-20-94	27.627	-96.436	29.215	36.133	21:30:03	08-20-94	27.964	-96.553	29.639	35.671
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17:40:00	08-20-94	27.747	-96.474	29.241	36.070	22:15:03	08-20-94	27.965	-96.553	29.678	35.675
17:45:00	08-20-94	27.760	-96.477	29.224	36.015	22:20:03	08-20-94	27.965	-96.553	29.674	35.687
17:50:00	08-20-94	27.773	-96.484	29.312	35.872	22:25:03	08-20-94	27.965	-96.553	29.674	35.679
17:55:00	08-20-94	27.785	-96.491	29.378	35.738	22:30:03	08-20-94	27.965	-96.553	29.652	35.670
18:00:00	08-20-94	27.798	-96.496	29.383	35.709	22:35:03	08-20-94	27.965	-96.553	29.647	35.673
18:05:00	08-20-94	27.810	-96.502	29.378	35.712	22:40:03	08-20-94	27.964	-96.553	29.647	35.673
18:10:03	08-20-94	27.823	-96.507	29.400	35.721	22:45:03	08-20-94	27.964	-96.553	29.643	35.676
18:15:04	08-20-94	27.837	-96.512	29.422	35.722	22:50:03	08-20-94	27.964	-96.553	29.630	35.669
18:19:58	08-20-94	27.850	-96.516	29.427	35.702	22:55:03	08-20-94	27.965	-96.553	29.625	35.664
18:25:01	08-20-94	27.863	-96.520	29.400	35.696	23:00:03	08-21-94	27.964	-96.553	29.621	35.667
18:30:01	08-20-94	27.876	-96.524	29.387	35.672	23:05:03	08-21-94	27.965	-96.553	29.612	35.665
18:35:01	08-20-94	27.888	-96.529	29.383	35.667	23:10:03	08-21-94	27.964	-96.553	29.621	35.667
18:40:01	08-20-94	27.902	-96.535	29.418	35.666	23:15:03	08-21-94	27.964	-96.553	29.630	35.669
18:45:01	08-20-94	27.915	-96.540	29.436	35.644	23:20:03	08-21-94	27.965	-96.553	29.617	35.670
18:50:01	08-20-94	27.928	-96.546	29.440	35.641	23:25:03	08-21-94	27.964	-96.553	29.617	35.662
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19:10:01	08-20-94	27.962	-96.558	29.678	35.608	23:45:03	08-21-94	27.965	-96.553	29.586	35.668
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14:50:01	08-21-94	27.964	-96.553	29.370	35.821	19:25:01	08-21-94	28.046	-96.431	29.652	35.771
14:55:01	08-21-94	27.964	-96.553	29.400	35.814	19:30:01	08-21-94	28.054	-96.419	29.661	35.764
15:00:01	08-21-94	27.965	-96.552	29.383	35.811	19:35:01	08-21-94	28.063	-96.406	29.670	35.758
15:05:01	08-21-94	27.964	-96.553	29.347	35.812	19:40:01	08-21-94	28.072	-96.394	29.612	35.750

19:45:01	08-21-94	28.078	-96.379	29.687	35.745	00:20:02	08-22-94	28.554	-95.709	30.297	33.549
19:50:01	08-21-94	28.082	-96.365	29.705	35.748	00:25:02	08-22-94	28.562	-95.696	30.292	33.577
19:55:01	08-21-94	28.090	-96.351	29.727	35.741	00:30:02	08-22-94	28.571	-95.684	30.284	33.615
20:00:01	08-21-94	28.099	-96.339	29.705	35.740	00:35:02	08-22-94	28.579	-95.671	30.284	33.656
20:05:01	08-21-94	28.110	-96.328	29.753	35.738	00:40:02	08-22-94	28.588	-95.659	30.270	33.738
20:10:01	08-21-94	28.119	-96.317	29.832	35.747	00:45:02	08-22-94	28.596	-95.646	30.262	33.817
20:15:01	08-21-94	28.129	-96.305	29.876	35.748	00:50:01	08-22-94	28.605	-95.633	30.270	33.908
20:20:01	08-21-94	28.138	-96.293	29.859	35.744	00:55:02	08-22-94	28.614	-95.620	30.257	34.015
20:25:01	08-21-94	28.148	-96.281	29.819	35.723	01:00:03	08-22-94	28.623	-95.607	30.183	34.157
20:30:01	08-21-94	28.158	-96.270	29.876	35.731	01:05:03	08-22-94	28.632	-95.594	30.139	34.261
20:35:01	08-21-94	28.168	-96.258	29.872	35.717	01:10:03	08-22-94	28.641	-95.581	30.266	34.418
20:40:01	08-21-94	28.177	-96.246	29.902	35.728	01:15:03	08-22-94	28.650	-95.568	30.393	34.459
20:45:01	08-21-94	28.186	-96.233	29.924	35.695	01:20:03	08-22-94	28.659	-95.556	30.310	34.493
20:50:01	08-21-94	28.195	-96.221	29.876	35.680	01:25:03	08-22-94	28.668	-95.543	30.292	34.498
20:55:01	08-21-94	28.204	-96.209	29.898	35.673	01:30:03	08-22-94	28.676	-95.531	30.100	34.445
21:00:01	08-21-94	28.213	-96.197	29.854	35.672	01:35:03	08-22-94	28.686	-95.518	30.065	34.454
21:05:01	08-21-94	28.222	-96.184	29.867	35.662	01:40:03	08-22-94	28.694	-95.506	29.999	34.402
21:10:01	08-21-94	28.230	-96.172	29.902	35.627	01:45:03	08-22-94	28.704	-95.493	30.095	34.415
21:15:01	08-21-94	28.239	-96.159	29.902	35.619	01:50:03	08-22-94	28.712	-95.481	30.069	34.352
21:20:01	08-21-94	28.247	-96.147	29.911	35.604	01:55:03	08-22-94	28.721	-95.468	30.017	34.340
21:25:01	08-21-94	28.254	-96.134	30.008	35.617	02:00:03	08-22-94	28.730	-95.455	30.117	34.342
21:30:01	08-21-94	28.262	-96.121	30.060	35.587	02:05:03	08-22-94	28.738	-95.442	30.244	34.326
21:35:01	08-21-94	28.270	-96.108	30.021	35.574	02:10:03	08-22-94	28.746	-95.430	30.200	34.292
21:40:02	08-21-94	28.280	-96.096	30.043	35.532	02:15:03	08-22-94	28.755	-95.417	30.192	34.298
21:45:01	08-21-94	28.287	-96.084	30.052	35.551	02:20:03	08-22-94	28.764	-95.406	30.003	34.333
21:50:04	08-21-94	28.298	-96.072	30.060	35.528	02:25:03	08-22-94	28.773	-95.393	30.078	34.329
21:55:03	08-21-94	28.305	-96.059	30.038	35.452	02:30:03	08-22-94	28.783	-95.381	30.144	34.299
22:00:03	08-22-94	28.312	-96.046	29.999	35.406	02:35:03	08-22-94	28.791	-95.369	30.144	34.283
22:05:03	08-22-94	28.319	-96.034	30.214	35.391	02:40:03	08-22-94	28.799	-95.356	30.166	34.218
22:10:03	08-22-94	28.331	-96.023	30.157	35.282	02:45:03	08-22-94	28.808	-95.344	29.951	34.173
22:15:03	08-22-94	28.340	-96.012	30.113	35.189	02:50:03	08-22-94	28.817	-95.332	30.056	34.132
22:20:03	08-22-94	28.348	-96.000	30.034	34.797	02:55:03	08-22-94	28.826	-95.319	29.977	34.138
22:25:03	08-22-94	28.357	-95.988	30.003	34.563	03:00:01	08-22-94	28.835	-95.308	29.942	34.130
22:30:03	08-22-94	28.366	-95.976	30.052	34.537	03:05:01	08-22-94	28.843	-95.295	29.867	34.101
22:35:03	08-22-94	28.374	-95.964	30.113	34.559	03:10:01	08-22-94	28.852	-95.282	29.788	34.050
22:40:02	08-22-94	28.383	-95.952	30.152	34.581	03:15:01	08-22-94	28.860	-95.270	29.837	34.114
22:45:02	08-22-94	28.392	-95.940	30.174	34.590	03:20:01	08-22-94	28.869	-95.258	29.832	34.150
22:50:02	08-22-94	28.400	-95.928	30.179	34.595	03:25:01	08-22-94	28.877	-95.246	29.832	34.167
22:55:02	08-22-94	28.409	-95.915	30.135	34.601	03:30:01	08-22-94	28.885	-95.234	29.793	34.154
23:00:02	08-22-94	28.417	-95.903	30.218	34.616	03:35:01	08-22-94	28.893	-95.221	29.780	34.163
23:05:02	08-22-94	28.426	-95.891	30.196	34.632	03:40:01	08-22-94	28.902	-95.209	29.758	34.195
23:10:02	08-22-94	28.434	-95.878	30.157	34.668	03:45:03	08-22-94	28.909	-95.197	29.731	34.238
23:15:02	08-22-94	28.442	-95.866	30.161	34.673	03:50:04	08-22-94	28.918	-95.185	29.784	34.201
23:20:02	08-22-94	28.451	-95.853	30.209	34.697	03:55:04	08-22-94	28.926	-95.173	29.687	34.220
23:25:02	08-22-94	28.459	-95.841	30.327	34.761	04:00:00	08-22-94	28.934	-95.160	29.634	34.175
23:30:02	08-22-94	28.468	-95.828	30.349	34.853	04:05:02	08-22-94	28.943	-95.148	29.670	34.150
23:35:02	08-22-94	28.477	-95.816	30.139	34.639	04:10:03	08-22-94	28.952	-95.136	29.595	34.154
23:40:02	08-22-94	28.486	-95.804	30.130	34.572	04:15:03	08-22-94	28.960	-95.124	29.705	34.027
23:45:02	08-22-94	28.494	-95.793	30.231	34.533	04:20:03	08-22-94	28.968	-95.112	29.718	34.026
23:50:02	08-22-94	28.502	-95.781	30.218	34.361	04:25:03	08-22-94	28.977	-95.099	29.674	34.032
23:55:02	08-22-94	28.511	-95.769	30.489	34.212	04:30:03	08-22-94	28.985	-95.087	29.603	34.074
00:00:02	08-22-94	28.519	-95.756	30.200	33.884	04:35:03	08-22-94	28.993	-95.074	29.559	34.113
00:05:02	08-22-94	28.528	-95.744	30.340	33.770	04:40:03	08-22-94	29.001	-95.062	29.520	34.150
00:10:02	08-22-94	28.537	-95.732	30.349	33.683	04:45:03	08-22-94	29.009	-95.049	29.480	34.186
00:15:02	08-22-94	28.546	-95.720	30.305	33.560	04:50:03	08-22-94	29.017	-95.036	29.453	34.180

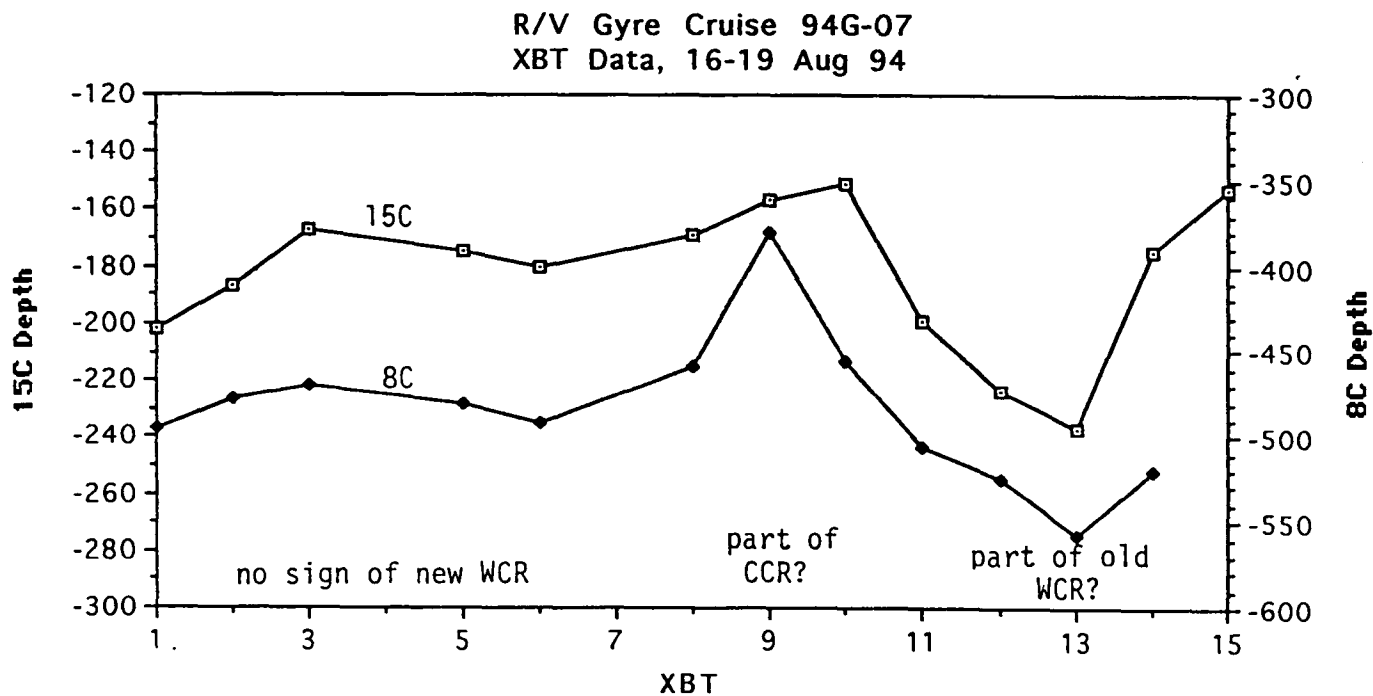
04:55:03	08-22-94	29.026	-95.024	29.445	34.186
05:00:03	08-22-94	29.034	-95.011	29.453	34.213
05:05:03	08-22-94	29.042	-94.998	29.458	34.185
05:10:03	08-22-94	29.050	-94.985	29.418	34.172
05:15:03	08-22-94	29.059	-94.973	29.392	34.150
05:20:03	08-22-94	29.066	-94.960	29.392	34.134
05:25:03	08-22-94	29.074	-94.947	29.361	34.147
05:30:03	08-22-94	29.083	-94.935	29.370	34.149
05:35:03	08-22-94	29.091	-94.923	29.365	34.128
05:40:03	08-22-94	29.100	-94.910	29.352	34.096
05:45:03	08-22-94	29.108	-94.897	29.374	34.072
05:50:03	08-22-94	29.116	-94.884	29.370	34.067
05:55:03	08-22-94	29.125	-94.872	29.396	34.048
06:00:03	08-22-94	29.136	-94.861	29.400	34.004
06:05:03	08-22-94	29.145	-94.850	29.409	33.981
06:10:03	08-22-94	29.155	-94.839	29.458	33.972
06:15:03	08-22-94	29.164	-94.827	29.458	33.963
06:20:03	08-22-94	29.173	-94.816	29.422	33.931
06:25:03	08-22-94	29.183	-94.804	29.467	33.908
06:30:03	08-22-94	29.192	-94.791	29.440	33.878
06:35:03	08-22-94	29.201	-94.779	29.449	33.871
06:40:03	08-22-94	29.210	-94.767	29.453	33.811
06:45:03	08-22-94	29.219	-94.756	29.427	33.756
06:50:02	08-22-94	29.228	-94.743	29.396	33.761
06:55:03	08-22-94	29.237	-94.731	29.383	33.730
07:00:01	08-22-94	29.246	-94.719	29.365	33.685
07:05:02	08-22-94	29.254	-94.707	29.374	33.687
07:10:03	08-22-94	29.263	-94.696	29.392	33.033
07:15:03	08-22-94	29.273	-94.685	29.445	32.771
07:20:03	08-22-94	29.284	-94.677	29.533	32.432
07:25:03	08-22-94	29.296	-94.670	29.665	31.632
07:30:03	08-22-94	29.309	-94.665	29.744	30.587
07:35:03	08-22-94	29.320	-94.664	29.832	29.273
07:40:03	08-22-94	29.331	-94.671	29.863	27.888
07:45:03	08-22-94	29.338	-94.682	29.951	27.102
07:50:03	08-22-94	29.343	-94.696	30.030	24.548
07:55:03	08-22-94	29.344	-94.710	29.955	23.283
08:00:03	08-22-94	29.346	-94.725	29.863	22.408
08:05:03	08-22-94	29.344	-94.740	29.837	21.945
08:10:03	08-22-94	29.342	-94.755	29.819	21.857
08:15:03	08-22-94	29.339	-94.770	29.740	21.367
08:20:03	08-22-94	29.331	-94.777	29.674	21.119

### XBTs of Opportunity

Sippican T-7 XBTs that were provided by Mr. K.J. Schaudt and the Eddy Joint Industry Program were dropped on deadhead runs over deep water. On 16-17 August, five XBTs were dropped with 15 nautical mile spacing from 27 30N to 26 30N while *Gyre* steamed south along 90 37W after finishing CTD station 6 at the shelf-slope break. On 18-19 August, ten additional XBTs were dropped with 30 nautical mile spacing from 91W to 96W as *Gyre* transited from CTD station 7 at 26 00N, 90 36W to CTD station 8 at 27 14N, 96 10W on the upper continental slope off Corpus Christi.

The tables that follow are raw data; no correction has been made to temperature or depth though as Singer (1990) demonstrated and TAMU Technical Reports from SOOP fieldwork 1989-1993 confirm, raw data depths as calculated by the manufacturer's software are 5% too shallow.

The shallow depths of the 15C and 8C isotherms along 90 36W are good evidence that Eddy Y, which was in the process of separating from the Loop Current in mid-August, had not yet reached this far north and west. Depth of the 15C isotherm ranged 167-202 m along 90 36W, and depth of the 8C isotherm ranged 470-495 m there. However, on the transit from 26 00N, 90 36W to 27 14N, 96 10W, *Gyre* apparently crossed part of a cyclonic-anticyclonic circulation pair in the NW Gulf, as evidenced by the local elevation of the 8C isotherm to above 400m at 92.5W, followed by its local depression to deeper than 550m at 95W. The figure below shows this as a sequential plot:



Summary Table XBT data

	Latitude	Longitude	Date	GMT	XBT s/n	T at surface	Z of Mix Layer	29C Depth	28C Depth	27C Depth
1	27 26.9	90 37.2	16 Aug 94	23:26	n/a	29.2	15	28	34	36
2	27 15.6	90 37.0	17 Aug 94	00:26	n/a	29.2	17	19	23	29
3	27 00.9	90 36.8	"	01:44	n/a	29.2	16	26	29	32
4	26 45.6	90 36.6	"	03:14	n/a		bad data			
5	26 29.1	90 36.5	"	04:45	n/a	29.5	10	22	26	28
6	26 05.3	90 59.9	18 Aug 94	12:39	n/a	29.4	6	27	32	34
7	26 12.6	91 29.9	"	15:43	n/a		bad data			
8	26 19.0	92 00.1	"	18:52	n/a	29.6	28	35	36	39
9	26 25.8	92 32.1	"	22:16	n/a	29.6	24	32	36	37
10	26 32.2	92 59.1	19 Aug 94	00:52	827284	29.8	28	34	36	37
11	26 39.1	93 29.6	"	03:45	827285	29.4	18	25	36	38
12	26 45.2	93 59.8	"	06:40	827286	29.4	12	37	46	48
13	26 59.2	94 59.4	"	12:25	827287	29.1	21	28	43	45
14	27 06.1	95 30.0	"	15:33	827288	29.0	23	6	41	45
15	27 12.9	95 59.9	"	18:34	827289	29.1	5	6	21	24

	26C Depth	25C Depth	24C Depth	23C Depth	22C Depth	21C Depth	20C Depth	19C Depth	18C Depth	17C Depth
1	38	41	47	53	61	79	91	109	126	160
2	37	46	54	61	71	79	90	102	121	145
3	38	43	48	54	58	65	76	91	104	121
4										
5	30	33	38	45	51	56	69	82	99	122
6	36	37	39	51	58	70	91	104	122	138
7										
8	43	45	50	57	67	76	87	105	117	134
9	39	40	48	58	67	79	97	116	126	138
10	40	45	50	55	65	79	96	107	116	127
11	40	44	56	64	76	93	107	120	140	153
12	49	54	65	78	92	107	119	131	145	169
13	46	52	66	82	106	121	137	152	167	187
14	47	51	56	62	74	81	93	113	133	148
15	26	30	35	41	52	61	77	93	105	110



## Summary Table XBT data

	16C Depth	15C Depth	14C Depth	13C Depth	12C Depth	11C Depth	10C Depth	9C Depth	8C Depth	7C Depth
1	183	202	230	260	288	327	377	433	495	591
2	164	187	214	252	279	319	371	415	478	555
3	139	167	193	239	271	313	353	401	470	545
4										
5	148	175	204	239	274	314	359	420	481	575
6	161	180	209	246	278	319	368	421	491	583
7										
8	151	169	195	228	257	267	335	396	458	530
9	148	157	173	193	212	239	279	326	380	492
10	138	151	167	190	221	256	306	375	456	569
11	176	199	228	259	299	329	377	436	505	583
12	192	224	250	284	319	361	407	471	525	615
13	211	237	266	306	340	394	442	491	557	639
14	162	175	193	214	261	318	372	447	520	615
15	123	153	195	225	266	316	371	421		

	6C Depth	T at 760 m	Bottom Depth
1	706	5.71	
2	680	5.54	
3	665	5.55	
4			
5	704	5.64	
6	709	5.68	
7			
8	652	5.41	
9	620	5.36	
10	713	5.72	
11	680	5.49	
12	728	5.83	
13	760	6.03	
14	734	5.82	
15			480 m

Date of Launch	: 08/16/94	32.3	28.96	67.7	22.16	103.	19.36	138.1	17.67
Time of Launch	: 23:25:58	32.9	28.76	68.3	22.15	103.6	19.32	138.7	17.66
Sequence #	: 1	33.5	28.28	69.0	22.14	104.2	19.29	139.4	17.65
Latitude	: 27 26.949N	34.2	27.79	69.6	22.11	104.9	19.28	140.0	17.65
Longitude	: 90 37.151W	34.8	27.50	70.2	22.06	105.5	19.27	140.7	17.65
		35.5	27.33	70.9	22.01	106.2	19.25	141.3	17.65
0.6	27.45	36.1	27.09	71.5	21.98	106.8	19.21	141.9	17.64
1.2	28.77	36.8	26.84	72.2	21.95	107.4	19.14	142.6	17.63
1.9	29.07	37.4	26.45	72.8	21.95	108.1	19.07	143.2	17.62
2.5	29.13	38.1	26.14	73.5	21.86	108.7	19.01	143.8	17.60
3.2	29.15	38.7	25.94	74.1	21.75	109.4	18.96	144.5	17.59
3.8	29.15	39.3	25.78	74.7	21.68	110.0	18.92	145.1	17.57
4.5	29.15	40.0	25.54	75.4	21.62	110.6	18.89	145.8	17.52
5.1	29.16	40.6	25.26	76.0	21.57	111.3	18.86	146.4	17.49
5.8	29.16	41.3	25.08	76.7	21.43	111.9	18.85	147.0	17.43
6.4	29.15	41.9	24.87	77.3	21.34	112.6	18.84	147.7	17.39
7.1	29.17	42.6	24.70	77.9	21.25	113.2	18.82	148.3	17.37
7.7	29.16	43.2	24.58	78.6	21.14	113.8	18.79	148.9	17.37
8.4	29.16	43.9	24.45	79.2	21.06	114.5	18.77	149.6	17.36
9.0	29.16	44.5	24.32	79.9	20.98	115.1	18.75	150.2	17.32
9.7	29.17	45.1	24.30	80.5	20.88	115.8	18.72	150.9	17.27
10.3	29.16	45.8	24.28	81.2	20.84	116.4	18.68	151.5	17.25
10.9	29.16	46.4	24.20	81.8	20.79	117.0	18.65	152.1	17.23
11.6	29.17	47.1	24.02	82.4	20.70	117.7	18.61	152.8	17.22
12.2	29.16	47.7	23.70	83.1	20.63	118.3	18.54	153.4	17.21
12.9	29.15	48.4	23.43	83.7	20.55	118.9	18.51	154.0	17.20
13.5	29.15	49.0	23.33	84.4	20.47	119.6	18.49	154.7	17.19
14.2	29.15	49.7	23.31	85.0	20.43	120.2	18.45	155.3	17.19
14.8	29.15	50.3	23.31	85.6	20.40	120.9	18.42	155.9	17.17
15.5	29.42	50.9	23.29	86.3	20.35	121.5	18.41	156.6	17.15
16.1	29.68	51.6	23.25	86.9	20.29	122.1	18.39	157.2	17.12
16.8	29.77	52.2	23.16	87.6	20.21	122.8	18.32	157.9	17.08
17.4	29.79	52.9	23.00	88.2	20.16	123.4	18.29	158.5	17.06
18.1	29.79	53.5	23.02	88.9	20.10	124.1	18.25	159.1	17.05
18.7	29.74	54.2	23.14	89.5	20.09	124.7	18.18	159.8	17.02
19.3	29.64	54.8	23.08	90.1	20.09	125.3	18.10	160.4	17.00
20.0	29.56	55.4	22.91	90.8	20.06	126.0	18.04	161.0	16.98
20.6	29.53	56.1	22.69	91.4	20.01	126.6	17.99	161.7	16.95
21.3	29.63	56.7	22.59	92.1	19.94	127.3	17.96	162.3	16.93
21.9	29.74	57.4	22.54	92.7	19.87	127.9	17.95	163.	16.91
22.6	29.80	58.0	22.48	93.3	19.81	128.5	17.94	163.6	16.86
23.2	29.81	58.7	22.45	94.0	19.77	129.2	17.93	164.2	16.85
23.9	29.83	59.3	22.31	94.6	19.73	129.8	17.93	164.9	16.79
24.5	29.83	60.0	22.10	95.3	19.72	130.4	17.92	165.5	16.78
25.2	29.75	60.6	22.03	95.9	19.69	131.1	17.90	166.1	16.76
25.8	29.71	61.2	21.98	96.5	19.65	131.7	17.88	166.8	16.76
26.4	29.67	61.9	21.97	97.2	19.62	132.4	17.86	167.4	16.74
27.1	29.53	62.5	21.99	97.8	19.57	133.0	17.84	168.0	16.74
27.7	29.16	63.2	22.06	98.5	19.53	133.6	17.81	168.7	16.71
28.4	28.75	63.8	22.10	99.1	19.49	134.3	17.78	169.3	16.69
29.0	28.52	64.5	22.14	99.7	19.45	134.9	17.76	169.9	16.62
29.7	28.38	65.1	22.16	100.4	19.43	135.6	17.75	170.6	16.59
30.3	28.46	65.7	22.17	101.0	19.40	136.2	17.74	171.2	16.57
31.0	28.57	66.4	22.17	101.7	19.39	136.8	17.74	171.9	16.55
31.6	28.87	67.0	22.17	102.3	19.38	137.5	17.71	172.5	16.50

173.1	16.48	208.0	14.74	242.8	13.68	277.4	12.34	311.9	11.50
173.8	16.45	208.6	14.73	243.4	13.66	278.0	12.32	312.5	11.48
174.4	16.42	209.3	14.72	244.0	13.64	278.7	12.30	313.1	11.47
175.0	16.41	209.9	14.71	244.7	13.63	279.3	12.29	313.8	11.45
175.7	16.38	210.5	14.67	245.3	13.62	279.9	12.27	314.4	11.42
176.3	16.34	211.2	14.65	245.9	13.62	280.5	12.26	315.0	11.38
176.9	16.30	211.8	14.61	246.6	13.60	281.2	12.25	315.7	11.35
177.6	16.27	212.4	14.57	247.2	13.60	281.8	12.24	316.3	11.33
178.2	16.24	213.1	14.55	247.8	13.56	282.4	12.19	316.9	11.32
178.8	16.23	213.7	14.54	248.4	13.50	283.1	12.15	317.5	11.30
179.5	16.22	214.3	14.52	249.1	13.46	283.7	12.14	318.2	11.28
180.1	16.19	215.0	14.47	249.7	13.43	284.3	12.13	318.8	11.27
180.7	16.17	215.6	14.42	250.3	13.41	284.9	12.12	319.4	11.25
181.4	16.13	216.2	14.40	251.0	13.41	285.6	12.10	320.0	11.24
182.0	16.09	216.9	14.39	251.6	13.38	286.2	12.09	320.7	11.23
182.7	16.04	217.5	14.34	252.2	13.38	286.8	12.05	321.3	11.21
183.3	16.02	218.1	14.29	252.9	13.36	287.4	12.01	321.9	11.19
183.9	15.98	218.8	14.26	253.5	13.35	288.1	12.00	322.5	11.17
184.6	15.93	219.4	14.24	254.1	13.34	288.7	11.98	323.2	11.15
185.2	15.88	220.0	14.20	254.7	13.30	289.3	11.98	323.8	11.12
185.8	15.84	220.7	14.16	255.4	13.21	290.	11.96	324.4	11.09
186.5	15.78	221.3	14.11	256.0	13.17	290.6	11.94	325.0	11.08
187.1	15.73	221.9	14.08	256.6	13.14	291.2	11.93	325.7	11.06
187.7	15.69	222.6	14.06	257.3	13.13	291.8	11.93	326.3	11.03
188.4	15.64	223.2	14.04	257.9	13.10	292.5	11.93	326.9	11.00
189.0	15.60	223.8	14.04	258.5	13.07	293.1	11.92	327.5	10.96
189.6	15.58	224.5	14.03	259.2	13.04	293.7	11.92	328.2	10.96
190.3	15.55	225.1	14.03	259.8	13.02	294.4	11.88	328.8	10.95
190.9	15.52	225.7	14.02	260.4	12.99	295.0	11.86	329.4	10.94
191.5	15.48	226.4	14.01	261.0	12.94	295.6	11.85	330.0	10.95
192.2	15.45	227.0	14.01	261.7	12.91	296.2	11.84	330.7	10.95
192.8	15.41	227.6	14.01	262.3	12.88	296.9	11.84	331.3	10.94
193.4	15.37	228.3	14.00	262.9	12.85	297.5	11.83	331.9	10.91
194.1	15.28	228.9	13.99	263.6	12.83	298.1	11.83	332.5	10.90
194.7	15.22	229.5	14.00	264.2	12.82	298.7	11.83	333.2	10.88
195.3	15.17	230.1	13.98	264.8	12.80	299.4	11.83	333.8	10.85
196.0	15.16	230.8	13.97	265.5	12.79	300.0	11.83	334.4	10.81
196.6	15.14	231.4	13.96	266.1	12.77	300.6	11.83	335.0	10.79
197.2	15.13	232.0	13.95	266.7	12.76	301.2	11.81	335.7	10.77
197.9	15.12	232.7	13.94	267.3	12.74	301.9	11.79	336.3	10.74
198.5	15.11	233.3	13.94	268.0	12.70	302.5	11.76	336.9	10.72
199.1	15.10	233.9	13.92	268.6	12.66	303.1	11.75	337.5	10.70
199.8	15.09	234.6	13.91	269.2	12.59	303.8	11.74	338.2	10.68
200.4	15.08	235.2	13.89	269.9	12.54	304.4	11.71	338.8	10.66
201.0	15.06	235.8	13.88	270.5	12.50	305.0	11.69	339.4	10.65
201.7	15.01	236.5	13.84	271.1	12.50	305.6	11.69	340.0	10.64
202.3	14.94	237.1	13.81	271.7	12.49	306.3	11.68	340.6	10.62
202.9	14.91	237.7	13.77	272.4	12.47	306.9	11.67	341.3	10.62
203.6	14.87	238.4	13.77	273.0	12.44	307.5	11.64	341.9	10.61
204.2	14.83	239.0	13.75	273.6	12.42	308.1	11.63	342.5	10.58
204.8	14.79	239.6	13.73	274.3	12.40	308.8	11.61	343.1	10.58
205.5	14.76	240.2	13.72	274.9	12.38	309.4	11.60	343.8	10.56
206.1	14.76	240.9	13.72	275.5	12.35	310.0	11.57	344.4	10.56
206.7	14.75	241.5	13.71	276.1	12.36	310.6	11.54	345.0	10.55
207.4	14.74	242.1	13.69	276.8	12.35	311.3	11.52	345.6	10.55

346.3	10.55	380.5	9.96	414.6	9.24	448.6	8.81	482.4	8.22
346.9	10.55	381.1	9.95	415.2	9.24	449.2	8.80	483.0	8.19
347.5	10.54	381.7	9.95	415.8	9.21	449.8	8.79	483.7	8.17
348.1	10.53	382.4	9.94	416.5	9.20	450.4	8.78	484.3	8.16
348.8	10.53	383.0	9.90	417.1	9.20	451.0	8.77	484.9	8.16
349.4	10.53	383.6	9.88	417.7	9.20	451.7	8.76	485.5	8.14
350.0	10.52	384.2	9.88	418.3	9.19	452.3	8.75	486.1	8.13
350.6	10.50	384.8	9.87	418.9	9.18	452.9	8.75	486.7	8.12
351.3	10.49	385.5	9.86	419.6	9.16	453.5	8.74	487.3	8.11
351.9	10.49	386.1	9.85	420.2	9.15	454.1	8.73	487.9	8.10
352.5	10.46	386.7	9.83	420.8	9.15	454.7	8.72	488.6	8.09
353.1	10.42	387.3	9.83	421.4	9.14	455.4	8.69	489.2	8.07
353.7	10.40	388.	9.82	422.0	9.14	456.0	8.67	489.8	8.06
354.4	10.39	388.6	9.82	422.6	9.13	456.6	8.67	490.4	8.05
355.0	10.39	389.2	9.80	423.3	9.13	457.2	8.66	491.0	8.05
355.6	10.38	389.8	9.78	423.9	9.13	457.8	8.63	491.6	8.04
356.2	10.36	390.4	9.76	424.5	9.12	458.4	8.60	492.2	8.04
356.9	10.35	391.1	9.74	425.1	9.11	459.1	8.59	492.9	8.04
357.5	10.35	391.7	9.73	425.7	9.10	459.7	8.58	493.5	8.01
358.1	10.34	392.3	9.72	426.4	9.08	460.3	8.58	494.1	8.02
358.7	10.34	392.9	9.69	427.0	9.07	460.9	8.58	494.7	8.01
359.4	10.34	393.5	9.67	427.6	9.07	461.5	8.58	495.3	8.00
360.0	10.33	394.2	9.67	428.2	9.06	462.1	8.57	495.9	7.98
360.6	10.32	394.8	9.66	428.8	9.06	462.7	8.57	496.5	7.96
361.2	10.31	395.4	9.64	429.4	9.05	463.4	8.57	497.1	7.95
361.8	10.31	396.0	9.62	430.1	9.05	464.0	8.56	497.8	7.94
362.5	10.31	396.6	9.61	430.7	9.03	464.6	8.56	498.4	7.93
363.1	10.30	397.3	9.60	431.3	9.03	465.2	8.55	499.0	7.92
363.7	10.30	397.9	9.60	431.9	9.02	465.8	8.54	499.6	7.92
364.3	10.28	398.5	9.59	432.5	9.01	466.4	8.53	500.2	7.91
365.	10.27	399.1	9.58	433.2	9.00	467.1	8.50	500.8	7.91
365.6	10.25	399.7	9.57	433.8	8.98	467.7	8.50	501.4	7.89
366.2	10.23	400.4	9.54	434.4	8.95	468.3	8.49	502.1	7.88
366.8	10.22	401.0	9.51	435.0	8.92	468.9	8.49	502.7	7.87
367.4	10.21	401.6	9.49	435.6	8.91	469.5	8.48	503.3	7.85
368.1	10.21	402.2	9.48	436.2	8.92	470.1	8.47	503.9	7.83
368.7	10.20	402.8	9.46	436.9	8.91	470.7	8.47	504.5	7.82
369.3	10.19	403.5	9.46	437.5	8.91	471.4	8.45	505.1	7.82
369.9	10.18	404.1	9.46	438.1	8.91	472.0	8.44	505.7	7.82
370.6	10.16	404.7	9.45	438.7	8.91	472.6	8.43	506.3	7.81
371.2	10.12	405.3	9.45	439.3	8.91	473.2	8.42	507.	7.80
371.8	10.11	405.9	9.44	439.9	8.91	473.8	8.41	507.6	7.80
372.4	10.11	406.6	9.44	440.6	8.91	474.4	8.40	508.2	7.80
373.0	10.10	407.2	9.44	441.2	8.90	475.0	8.39	508.8	7.78
373.7	10.08	407.8	9.44	441.8	8.89	475.7	8.38	509.4	7.78
374.3	10.06	408.4	9.44	442.4	8.88	476.3	8.38	510.0	7.78
374.9	10.05	409.0	9.42	443.0	8.88	476.9	8.36	510.6	7.77
375.5	10.04	409.7	9.39	443.6	8.88	477.5	8.35	511.2	7.74
376.1	10.03	410.3	9.36	444.3	8.87	478.1	8.34	511.9	7.74
376.8	10.02	410.9	9.33	444.9	8.86	478.7	8.34	512.5	7.75
377.4	10.00	411.5	9.29	445.5	8.86	479.4	8.33	513.1	7.75
378.0	9.98	412.1	9.29	446.1	8.85	480.0	8.33	513.7	7.74
378.6	9.98	412.7	9.27	446.7	8.85	480.6	8.30	514.3	7.73
379.3	9.98	413.4	9.27	447.3	8.84	481.2	8.28	514.9	7.73
379.9	9.97	414.0	9.25	448.0	8.84	481.8	8.26	515.5	7.74

516.1	7.74	549.7	7.42	583.2	7.09	616.5	6.68	649.7	6.39
516.7	7.73	550.3	7.41	583.8	7.08	617.1	6.67	650.3	6.38
517.4	7.74	550.9	7.41	584.4	7.08	617.7	6.66	650.9	6.38
518.0	7.73	551.5	7.40	585.0	7.06	618.3	6.66	651.5	6.37
518.6	7.72	552.2	7.40	585.6	7.05	618.9	6.66	652.1	6.38
519.2	7.68	552.8	7.40	586.2	7.05	619.5	6.65	652.7	6.37
519.8	7.66	553.4	7.39	586.8	7.05	620.1	6.65	653.3	6.37
520.4	7.66	554.0	7.39	587.4	7.04	620.7	6.64	653.9	6.36
521.0	7.66	554.6	7.38	588.0	7.04	621.3	6.63	654.5	6.36
521.6	7.66	555.2	7.37	588.6	7.03	621.9	6.63	655.1	6.36
522.3	7.65	555.8	7.36	589.2	7.02	622.5	6.62	655.7	6.36
522.9	7.62	556.4	7.36	589.8	7.01	623.1	6.62	656.3	6.36
523.5	7.61	557.0	7.36	590.5	7.00	623.7	6.62	656.9	6.36
524.1	7.61	557.6	7.34	591.1	7.00	624.3	6.62	657.5	6.35
524.7	7.60	558.2	7.31	591.7	6.99	625.	6.61	658.1	6.33
525.3	7.60	558.9	7.30	592.3	6.99	625.6	6.61	658.7	6.33
525.9	7.60	559.5	7.30	592.9	6.97	626.2	6.60	659.3	6.33
526.5	7.60	560.1	7.31	593.5	6.97	626.8	6.58	659.9	6.30
527.1	7.59	560.7	7.30	594.1	6.95	627.4	6.58	660.5	6.29
527.8	7.59	561.3	7.29	594.7	6.93	628.0	6.57	661.1	6.28
528.4	7.59	561.9	7.28	595.3	6.92	628.6	6.57	661.7	6.27
529.0	7.59	562.5	7.27	595.9	6.91	629.2	6.57	662.3	6.28
529.6	7.59	563.1	7.27	596.5	6.91	629.8	6.57	662.9	6.26
530.2	7.59	563.7	7.27	597.1	6.91	630.4	6.57	663.5	6.27
530.8	7.59	564.3	7.27	597.7	6.91	631.0	6.57	664.1	6.26
531.4	7.58	564.9	7.27	598.3	6.89	631.6	6.56	664.7	6.25
532.0	7.58	565.5	7.27	598.9	6.88	632.2	6.56	665.3	6.25
532.6	7.58	566.2	7.27	599.5	6.87	632.8	6.55	665.9	6.25
533.2	7.57	566.8	7.27	600.1	6.86	633.4	6.55	666.5	6.24
533.9	7.55	567.4	7.27	600.8	6.85	634.0	6.54	667.1	6.24
534.5	7.54	568.0	7.26	601.4	6.85	634.6	6.54	667.7	6.24
535.1	7.53	568.6	7.23	602.0	6.85	635.2	6.54	668.3	6.24
535.7	7.51	569.2	7.21	602.6	6.83	635.8	6.55	668.9	6.24
536.3	7.50	569.8	7.19	603.2	6.80	636.4	6.54	669.5	6.24
536.9	7.49	570.4	7.19	603.8	6.79	637.0	6.54	670.1	6.24
537.5	7.49	571.0	7.19	604.4	6.79	637.6	6.53	670.7	6.24
538.1	7.48	571.6	7.17	605.0	6.77	638.2	6.53	671.3	6.22
538.7	7.48	572.2	7.18	605.6	6.77	638.8	6.52	671.9	6.22
539.4	7.48	572.8	7.16	606.2	6.77	639.4	6.51	672.5	6.21
540.0	7.46	573.5	7.16	606.8	6.77	640.0	6.50	673.1	6.22
540.6	7.46	574.1	7.16	607.4	6.77	640.6	6.50	673.7	6.22
541.2	7.45	574.7	7.16	608.0	6.76	641.2	6.49	674.3	6.21
541.8	7.45	575.3	7.16	608.6	6.74	641.8	6.49	674.9	6.20
542.4	7.45	575.9	7.15	609.2	6.74	642.5	6.48	675.5	6.20
543.0	7.46	576.5	7.14	609.8	6.74	643.1	6.49	676.1	6.20
543.6	7.45	577.1	7.14	610.4	6.74	643.7	6.48	676.7	6.20
544.2	7.45	577.7	7.13	611.0	6.73	644.3	6.47	677.3	6.19
544.8	7.45	578.3	7.13	611.7	6.73	644.9	6.46	677.9	6.18
545.5	7.45	578.9	7.13	612.3	6.73	645.5	6.45	678.5	6.18
546.1	7.45	579.5	7.12	612.9	6.73	646.1	6.44	679.1	6.16
546.7	7.45	580.1	7.11	613.5	6.72	646.7	6.42	679.7	6.16
547.3	7.44	580.7	7.11	614.1	6.71	647.3	6.42	680.3	6.15
547.9	7.44	581.3	7.11	614.7	6.70	647.9	6.41	680.9	6.16
548.5	7.43	582.	7.11	615.3	6.70	648.5	6.42	681.5	6.16
549.1	7.43	582.6	7.10	615.9	6.69	649.1	6.41	682.1	6.15

682.7	6.14	715.7	5.96	748.5	5.75
683.3	6.14	716.3	5.96	749.1	5.75
683.9	6.13	716.9	5.97	749.7	5.75
684.5	6.13	717.5	5.95	750.3	5.74
685.1	6.12	718.1	5.96	750.8	5.74
685.7	6.12	718.7	5.96	751.4	5.73
686.3	6.10	719.3	5.95	752.0	5.74
686.9	6.11	719.9	5.95	752.6	5.74
687.5	6.11	720.4	5.93	753.2	5.73
688.1	6.11	721.0	5.92	753.8	5.73
688.7	6.11	721.6	5.92	754.4	5.74
689.3	6.10	722.2	5.93	755.0	5.73
689.9	6.10	722.8	5.92	755.6	5.73
690.5	6.09	723.4	5.92	756.2	5.73
691.1	6.09	724.0	5.91	756.8	5.73
691.7	6.08	724.6	5.91	757.4	5.72
692.3	6.07	725.2	5.90	758.0	5.73
692.9	6.08	725.8	5.89	758.6	5.72
693.5	6.08	726.4	5.88	759.2	5.71
694.1	6.07	727.0	5.88	759.8	5.72
694.7	6.07	727.6	5.88	760.	5.71
695.3	6.06	728.2	5.88		
695.9	6.06	728.8	5.86		
696.5	6.06	729.4	5.86		
697.1	6.07	730.0	5.86		
697.7	6.06	730.6	5.86		
698.3	6.05	731.2	5.85		
698.9	6.06	731.8	5.84		
699.5	6.06	732.4	5.84		
700.1	6.06	733.0	5.83		
700.7	6.06	733.6	5.82		
701.3	6.04	734.2	5.82		
701.9	6.04	734.8	5.81		
702.5	6.03	735.4	5.81		
703.1	6.03	736.	5.79		
703.7	6.02	736.6	5.78		
704.3	6.02	737.2	5.79		
704.9	6.02	737.7	5.79		
705.5	6.01	738.3	5.79		
706.1	6.00	738.9	5.78		
706.7	6.00	739.5	5.79		
707.3	6.00	740.1	5.78		
707.9	6.00	740.7	5.78		
708.5	6.00	741.3	5.78		
709.1	5.99	741.9	5.77		
709.7	6.00	742.5	5.78		
710.3	5.99	743.1	5.77		
710.9	5.99	743.7	5.77		
711.5	6.00	744.3	5.77		
712.1	5.98	744.9	5.77		
712.7	5.98	745.5	5.77		
713.3	5.98	746.1	5.76		
713.9	5.97	746.7	5.76		
714.5	5.97	747.3	5.76		
715.1	5.97	747.9	5.76		

Date of Launch	: 08/17/94	32.3	26.84	67.7	22.19	103.	18.93	138.1	17.30
Time of Launch	: 00:25:58	32.9	26.81	68.3	22.14	103.6	18.88	138.7	17.27
Sequence #	: 2	33.5	26.72	69.0	22.11	104.2	18.83	139.4	17.23
Latitude	: 27 15.625N	34.2	26.59	69.6	22.08	104.9	18.75	140.0	17.21
Longitude	: 90 36.985W	34.8	26.49	70.2	22.07	105.5	18.68	140.7	17.18
		35.5	26.37	70.9	22.04	106.2	18.63	141.3	17.15
0.6	25.48	36.1	26.27	71.5	21.98	106.8	18.58	141.9	17.10
1.2	26.71	36.8	26.14	72.2	21.89	107.4	18.55	142.6	17.07
1.9	27.50	37.4	26.04	72.8	21.81	108.1	18.54	143.2	17.03
2.5	28.02	38.1	25.92	73.5	21.72	108.7	18.50	143.8	17.02
3.2	28.38	38.7	25.79	74.1	21.63	109.4	18.46	144.5	17.00
3.8	28.62	39.3	25.68	74.7	21.53	110.0	18.41	145.1	16.99
4.5	28.79	40.0	25.61	75.4	21.44	110.6	18.37	145.8	16.97
5.1	28.93	40.6	25.56	76.0	21.34	111.3	18.35	146.4	16.94
5.8	29.02	41.3	25.51	76.7	21.26	111.9	18.32	147.0	16.89
6.4	29.07	41.9	25.46	77.3	21.20	112.6	18.31	147.7	16.85
7.1	29.12	42.6	25.41	77.9	21.13	113.2	18.29	148.3	16.82
7.7	29.07	43.2	25.31	78.6	21.06	113.8	18.27	148.9	16.80
8.4	29.06	43.9	25.22	79.2	20.95	114.5	18.25	149.6	16.80
9.0	29.16	44.5	25.14	79.9	20.86	115.1	18.22	150.2	16.78
9.7	29.31	45.1	25.07	80.5	20.76	115.8	18.21	150.9	16.76
10.3	29.35	45.8	25.00	81.2	20.68	116.4	18.20	151.5	16.75
10.9	29.36	46.4	24.90	81.8	20.58	117.0	18.18	152.1	16.73
11.6	29.32	47.1	24.77	82.4	20.50	117.7	18.14	152.8	16.71
12.2	29.28	47.7	24.68	83.1	20.44	118.3	18.10	153.4	16.66
12.9	29.24	48.4	24.58	83.7	20.40	118.9	18.07	154.0	16.63
13.5	29.23	49.0	24.51	84.4	20.34	119.6	18.04	154.7	16.58
14.2	29.23	49.7	24.43	85.0	20.30	120.2	18.02	155.3	16.53
14.8	29.22	50.3	24.35	85.6	20.28	120.9	17.99	155.9	16.48
15.5	29.20	50.9	24.31	86.3	20.25	121.5	17.93	156.6	16.42
16.1	29.20	51.6	24.25	86.9	20.23	122.1	17.87	157.2	16.37
16.8	29.19	52.2	24.17	87.6	20.19	122.8	17.82	157.9	16.33
17.4	29.18	52.9	24.11	88.2	20.13	123.4	17.79	158.5	16.29
18.1	29.15	53.5	24.06	88.9	20.08	124.1	17.76	159.1	16.25
18.7	29.05	54.2	23.96	89.5	20.03	124.7	17.75	159.8	16.21
19.3	28.89	54.8	23.88	90.1	19.97	125.3	17.73	160.4	16.19
20.0	28.73	55.4	23.83	90.8	19.90	126.0	17.71	161.0	16.14
20.6	28.59	56.1	23.78	91.4	19.84	126.6	17.68	161.7	16.12
21.3	28.44	56.7	23.70	92.1	19.77	127.3	17.66	162.3	16.09
21.9	28.31	57.4	23.63	92.7	19.71	127.9	17.64	163.	16.04
22.6	28.20	58.0	23.54	93.3	19.65	128.5	17.62	163.6	15.98
23.2	28.08	58.7	23.42	94.0	19.59	129.2	17.59	164.2	15.93
23.9	27.96	59.3	23.29	94.6	19.56	129.8	17.56	164.9	15.90
24.5	27.86	60.0	23.16	95.3	19.52	130.4	17.53	165.5	15.86
25.2	27.75	60.6	23.03	95.9	19.49	131.1	17.52	166.1	15.82
25.8	27.68	61.2	22.89	96.5	19.44	131.7	17.51	166.8	15.77
26.4	27.62	61.9	22.77	97.2	19.39	132.4	17.48	167.4	15.72
27.1	27.53	62.5	22.68	97.8	19.33	133.0	17.47	168.0	15.69
27.7	27.30	63.2	22.56	98.5	19.29	133.6	17.46	168.7	15.67
28.4	27.07	63.8	22.50	99.1	19.26	134.3	17.44	169.3	15.63
29.0	26.91	64.5	22.44	99.7	19.20	134.9	17.44	169.9	15.60
29.7	26.82	65.1	22.38	100.4	19.15	135.6	17.41	170.6	15.57
30.3	26.79	65.7	22.32	101.0	19.11	136.2	17.39	171.2	15.54
31.0	26.81	66.4	22.28	101.7	19.05	136.8	17.36	171.9	15.50
31.6	26.83	67.0	22.23	102.3	18.99	137.5	17.34	172.5	15.46

173.1	15.43	208.0	14.15	242.8	13.09	277.4	12.09	311.9	11.12
173.8	15.40	208.6	14.13	243.4	13.08	278.0	12.06	312.5	11.11
174.4	15.35	209.3	14.11	244.0	13.06	278.7	12.04	313.1	11.11
175.0	15.32	209.9	14.09	244.7	13.06	279.3	12.00	313.8	11.10
175.7	15.30	210.5	14.08	245.3	13.06	279.9	11.97	314.4	11.10
176.3	15.27	211.2	14.07	245.9	13.06	280.5	11.92	315.0	11.09
176.9	15.26	211.8	14.06	246.6	13.05	281.2	11.88	315.7	11.07
177.6	15.24	212.4	14.04	247.2	13.05	281.8	11.85	316.3	11.06
178.2	15.20	213.1	14.03	247.8	13.05	282.4	11.83	316.9	11.05
178.8	15.17	213.7	14.02	248.4	13.05	283.1	11.81	317.5	11.04
179.5	15.16	214.3	14.01	249.1	13.03	283.7	11.81	318.2	11.03
180.1	15.14	215.0	13.98	249.7	13.03	284.3	11.80	318.8	11.02
180.7	15.11	215.6	13.95	250.3	13.03	284.9	11.79	319.4	11.00
181.4	15.09	216.2	13.91	251.0	13.01	285.6	11.78	320.0	10.99
182.0	15.09	216.9	13.89	251.6	12.99	286.2	11.78	320.7	10.97
182.7	15.07	217.5	13.87	252.2	12.97	286.8	11.76	321.3	10.96
183.3	15.07	218.1	13.84	252.9	12.95	287.4	11.73	321.9	10.95
183.9	15.05	218.8	13.83	253.5	12.94	288.1	11.72	322.5	10.93
184.6	15.03	219.4	13.80	254.1	12.93	288.7	11.70	323.2	10.91
185.2	15.02	220.0	13.77	254.7	12.91	289.3	11.69	323.8	10.89
185.8	15.01	220.7	13.75	255.4	12.91	290.	11.68	324.4	10.86
186.5	15.00	221.3	13.71	256.0	12.90	290.6	11.67	325.0	10.84
187.1	14.98	221.9	13.67	256.6	12.88	291.2	11.65	325.7	10.83
187.7	14.97	222.6	13.61	257.3	12.86	291.8	11.62	326.3	10.82
188.4	14.95	223.2	13.58	257.9	12.83	292.5	11.60	326.9	10.80
189.0	14.92	223.8	13.54	258.5	12.80	293.1	11.59	327.5	10.80
189.6	14.90	224.5	13.53	259.2	12.78	293.7	11.57	328.2	10.79
190.3	14.86	225.1	13.51	259.8	12.76	294.4	11.56	328.8	10.78
190.9	14.83	225.7	13.49	260.4	12.73	295.0	11.54	329.4	10.77
191.5	14.80	226.4	13.47	261.0	12.72	295.6	11.52	330.0	10.76
192.2	14.78	227.0	13.46	261.7	12.71	296.2	11.51	330.7	10.76
192.8	14.75	227.6	13.45	262.3	12.69	296.9	11.50	331.3	10.72
193.4	14.72	228.3	13.44	262.9	12.66	297.5	11.48	331.9	10.72
194.1	14.70	228.9	13.43	263.6	12.62	298.1	11.46	332.5	10.69
194.7	14.67	229.5	13.42	264.2	12.57	298.7	11.43	333.2	10.68
195.3	14.64	230.1	13.41	264.8	12.53	299.4	11.42	333.8	10.67
196.0	14.59	230.8	13.39	265.5	12.49	300.0	11.39	334.4	10.67
196.6	14.55	231.4	13.38	266.1	12.47	300.6	11.37	335.0	10.66
197.2	14.51	232.0	13.36	266.7	12.44	301.2	11.36	335.7	10.66
197.9	14.48	232.7	13.34	267.3	12.44	301.9	11.35	336.3	10.64
198.5	14.44	233.3	13.32	268.0	12.42	302.5	11.34	336.9	10.65
199.1	14.42	233.9	13.30	268.6	12.42	303.1	11.33	337.5	10.63
199.8	14.40	234.6	13.27	269.2	12.40	303.8	11.32	338.2	10.63
200.4	14.37	235.2	13.26	269.9	12.39	304.4	11.30	338.8	10.61
201.0	14.34	235.8	13.24	270.5	12.38	305.0	11.27	339.4	10.60
201.7	14.32	236.5	13.22	271.1	12.36	305.6	11.23	340.0	10.59
202.3	14.31	237.1	13.21	271.7	12.35	306.3	11.21	340.6	10.56
202.9	14.30	237.7	13.19	272.4	12.33	306.9	11.20	341.3	10.56
203.6	14.29	238.4	13.17	273.0	12.30	307.5	11.18	341.9	10.55
204.2	14.28	239.0	13.15	273.6	12.28	308.1	11.16	342.5	10.54
204.8	14.27	239.6	13.14	274.3	12.25	308.8	11.16	343.1	10.55
205.5	14.26	240.2	13.12	274.9	12.21	309.4	11.15	343.8	10.55
206.1	14.23	240.9	13.12	275.5	12.19	310.0	11.14	344.4	10.55
206.7	14.22	241.5	13.11	276.1	12.15	310.6	11.14	345.0	10.56
207.4	14.19	242.1	13.09	276.8	12.12	311.3	11.13	345.6	10.55



346.3	10.56	380.5	9.73	414.6	9.00	448.6	8.45	482.4	7.93
346.9	10.56	381.1	9.72	415.2	9.00	449.2	8.45	483.0	7.92
347.5	10.55	381.7	9.71	415.8	8.99	449.8	8.45	483.7	7.89
348.1	10.54	382.4	9.69	416.5	8.99	450.4	8.43	484.3	7.87
348.8	10.53	383.0	9.67	417.1	8.98	451.0	8.41	484.9	7.87
349.4	10.53	383.6	9.66	417.7	8.96	451.7	8.41	485.5	7.86
350.0	10.52	384.2	9.65	418.3	8.96	452.3	8.38	486.1	7.85
350.6	10.50	384.8	9.64	418.9	8.95	452.9	8.37	486.7	7.86
351.3	10.48	385.5	9.62	419.6	8.95	453.5	8.35	487.3	7.83
351.9	10.48	386.1	9.61	420.2	8.94	454.1	8.35	487.9	7.83
352.5	10.47	386.7	9.59	420.8	8.93	454.7	8.34	488.6	7.81
353.1	10.44	387.3	9.58	421.4	8.92	455.4	8.34	489.2	7.81
353.7	10.44	388.	9.57	422.0	8.91	456.0	8.33	489.8	7.79
354.4	10.42	388.6	9.57	422.6	8.89	456.6	8.31	490.4	7.78
355.0	10.40	389.2	9.55	423.3	8.88	457.2	8.31	491.0	7.77
355.6	10.38	389.8	9.54	423.9	8.86	457.8	8.30	491.6	7.77
356.2	10.36	390.4	9.53	424.5	8.86	458.4	8.29	492.2	7.77
356.9	10.33	391.1	9.51	425.1	8.85	459.1	8.28	492.9	7.75
357.5	10.33	391.7	9.49	425.7	8.84	459.7	8.28	493.5	7.75
358.1	10.32	392.3	9.48	426.4	8.84	460.3	8.28	494.1	7.74
358.7	10.31	392.9	9.46	427.0	8.83	460.9	8.27	494.7	7.75
359.4	10.30	393.5	9.45	427.6	8.81	461.5	8.26	495.3	7.75
360.0	10.29	394.2	9.43	428.2	8.80	462.1	8.26	495.9	7.73
360.6	10.28	394.8	9.43	428.8	8.79	462.7	8.25	496.5	7.73
361.2	10.27	395.4	9.42	429.4	8.78	463.4	8.23	497.1	7.73
361.8	10.27	396.0	9.41	430.1	8.77	464.0	8.24	497.8	7.71
362.5	10.24	396.6	9.41	430.7	8.78	464.6	8.21	498.4	7.70
363.1	10.21	397.3	9.40	431.3	8.75	465.2	8.19	499.0	7.69
363.7	10.20	397.9	9.38	431.9	8.74	465.8	8.18	499.6	7.68
364.3	10.20	398.5	9.38	432.5	8.73	466.4	8.17	500.2	7.67
365.	10.18	399.1	9.36	433.2	8.72	467.1	8.15	500.8	7.66
365.6	10.18	399.7	9.35	433.8	8.72	467.7	8.14	501.4	7.65
366.2	10.16	400.4	9.32	434.4	8.71	468.3	8.13	502.1	7.65
366.8	10.15	401.0	9.29	435.0	8.71	468.9	8.12	502.7	7.64
367.4	10.14	401.6	9.29	435.6	8.71	469.5	8.11	503.3	7.63
368.1	10.12	402.2	9.27	436.2	8.70	470.1	8.11	503.9	7.63
368.7	10.08	402.8	9.26	436.9	8.69	470.7	8.10	504.5	7.62
369.3	10.06	403.5	9.25	437.5	8.68	471.4	8.09	505.1	7.61
369.9	10.03	404.1	9.24	438.1	8.67	472.0	8.08	505.7	7.60
370.6	10.00	404.7	9.21	438.7	8.64	472.6	8.08	506.3	7.59
371.2	9.97	405.3	9.18	439.3	8.63	473.2	8.06	507.	7.59
371.8	9.96	405.9	9.17	439.9	8.61	473.8	8.05	507.6	7.59
372.4	9.94	406.6	9.15	440.6	8.60	474.4	8.05	508.2	7.58
373.0	9.93	407.2	9.14	441.2	8.61	475.0	8.04	508.8	7.58
373.7	9.91	407.8	9.13	441.8	8.60	475.7	8.03	509.4	7.58
374.3	9.91	408.4	9.10	442.4	8.59	476.3	8.03	510.0	7.57
374.9	9.90	409.0	9.08	443.0	8.57	476.9	8.02	510.6	7.55
375.5	9.89	409.7	9.07	443.6	8.57	477.5	8.01	511.2	7.54
376.1	9.88	410.3	9.07	444.3	8.55	478.1	8.01	511.9	7.54
376.8	9.88	410.9	9.06	444.9	8.54	478.7	7.99	512.5	7.53
377.4	9.86	411.5	9.05	445.5	8.51	479.4	7.99	513.1	7.53
378.0	9.84	412.1	9.04	446.1	8.50	480.0	7.98	513.7	7.53
378.6	9.81	412.7	9.03	446.7	8.49	480.6	7.98	514.3	7.52
379.3	9.77	413.4	9.02	447.3	8.48	481.2	7.96	514.9	7.51
379.9	9.75	414.0	9.01	448.0	8.47	481.8	7.95	515.5	7.51

516.1	7.49	549.7	7.07	583.2	6.71	616.5	6.46	649.7	6.22
516.7	7.48	550.3	7.06	583.8	6.70	617.1	6.46	650.3	6.21
517.4	7.47	550.9	7.05	584.4	6.70	617.7	6.45	650.9	6.20
518.0	7.45	551.5	7.05	585.0	6.70	618.3	6.44	651.5	6.20
518.6	7.44	552.2	7.04	585.6	6.69	618.9	6.43	652.1	6.19
519.2	7.43	552.8	7.02	586.2	6.70	619.5	6.44	652.7	6.19
519.8	7.43	553.4	7.02	586.8	6.68	620.1	6.44	653.3	6.19
520.4	7.41	554.0	7.00	587.4	6.68	620.7	6.43	653.9	6.18
521.0	7.39	554.6	6.99	588.0	6.67	621.3	6.43	654.5	6.18
521.6	7.38	555.2	7.00	588.6	6.67	621.9	6.42	655.1	6.17
522.3	7.37	555.8	6.97	589.2	6.65	622.5	6.42	655.7	6.18
522.9	7.36	556.4	6.97	589.8	6.66	623.1	6.41	656.3	6.18
523.5	7.35	557.0	6.95	590.5	6.64	623.7	6.41	656.9	6.17
524.1	7.35	557.6	6.94	591.1	6.63	624.3	6.40	657.5	6.17
524.7	7.33	558.2	6.93	591.7	6.63	625.	6.39	658.1	6.16
525.3	7.33	558.9	6.92	592.3	6.62	625.6	6.38	658.7	6.16
525.9	7.33	559.5	6.91	592.9	6.60	626.2	6.37	659.3	6.16
526.5	7.31	560.1	6.90	593.5	6.60	626.8	6.37	659.9	6.16
527.1	7.30	560.7	6.88	594.1	6.60	627.4	6.36	660.5	6.15
527.8	7.29	561.3	6.87	594.7	6.59	628.0	6.36	661.1	6.15
528.4	7.27	561.9	6.87	595.3	6.59	628.6	6.36	661.7	6.14
529.0	7.25	562.5	6.86	595.9	6.58	629.2	6.36	662.3	6.13
529.6	7.24	563.1	6.87	596.5	6.58	629.8	6.35	662.9	6.12
530.2	7.24	563.7	6.84	597.1	6.58	630.4	6.35	663.5	6.13
530.8	7.24	564.3	6.84	597.7	6.57	631.0	6.34	664.1	6.12
531.4	7.23	564.9	6.83	598.3	6.58	631.6	6.35	664.7	6.11
532.0	7.23	565.5	6.82	598.9	6.57	632.2	6.35	665.3	6.11
532.6	7.24	566.2	6.82	599.5	6.56	632.8	6.34	665.9	6.11
533.2	7.22	566.8	6.81	600.1	6.55	633.4	6.34	666.5	6.11
533.9	7.22	567.4	6.79	600.8	6.55	634.0	6.34	667.1	6.11
534.5	7.21	568.0	6.80	601.4	6.54	634.6	6.35	667.7	6.10
535.1	7.20	568.6	6.80	602.0	6.55	635.2	6.34	668.3	6.09
535.7	7.19	569.2	6.79	602.6	6.54	635.8	6.33	668.9	6.10
536.3	7.17	569.8	6.80	603.2	6.53	636.4	6.33	669.5	6.08
536.9	7.18	570.4	6.79	603.8	6.53	637.0	6.34	670.1	6.08
537.5	7.16	571.0	6.79	604.4	6.53	637.6	6.34	670.7	6.08
538.1	7.15	571.6	6.79	605.0	6.52	638.2	6.33	671.3	6.06
538.7	7.15	572.2	6.79	605.6	6.52	638.8	6.32	671.9	6.07
539.4	7.15	572.8	6.78	606.2	6.51	639.4	6.32	672.5	6.06
540.0	7.14	573.5	6.78	606.8	6.51	640.0	6.31	673.1	6.05
540.6	7.14	574.1	6.77	607.4	6.50	640.6	6.30	673.7	6.06
541.2	7.13	574.7	6.77	608.0	6.50	641.2	6.30	674.3	6.05
541.8	7.14	575.3	6.77	608.6	6.50	641.8	6.30	674.9	6.05
542.4	7.13	575.9	6.76	609.2	6.50	642.5	6.30	675.5	6.04
543.0	7.12	576.5	6.76	609.8	6.50	643.1	6.29	676.1	6.02
543.6	7.12	577.1	6.75	610.4	6.50	643.7	6.29	676.7	6.02
544.2	7.11	577.7	6.74	611.0	6.49	644.3	6.28	677.3	6.02
544.8	7.11	578.3	6.73	611.7	6.49	644.9	6.27	677.9	6.01
545.5	7.11	578.9	6.73	612.3	6.50	645.5	6.26	678.5	6.00
546.1	7.09	579.5	6.72	612.9	6.48	646.1	6.26	679.1	6.00
546.7	7.09	580.1	6.72	613.5	6.49	646.7	6.25	679.7	6.00
547.3	7.08	580.7	6.71	614.1	6.48	647.3	6.25	680.3	5.99
547.9	7.09	581.3	6.71	614.7	6.48	647.9	6.24	680.9	5.99
548.5	7.07	582.	6.71	615.3	6.47	648.5	6.24	681.5	5.99
549.1	7.07	582.6	6.71	615.9	6.46	649.1	6.22	682.1	5.99

682.7	5.99	715.7	5.75	748.5	5.58
683.3	5.99	716.3	5.75	749.1	5.59
683.9	5.99	716.9	5.74	749.7	5.58
684.5	5.98	717.5	5.73	750.3	5.57
685.1	5.96	718.1	5.73	750.8	5.58
685.7	5.96	718.7	5.72	751.4	5.57
686.3	5.95	719.3	5.71	752.0	5.58
686.9	5.95	719.9	5.71	752.6	5.57
687.5	5.94	720.4	5.71	753.2	5.57
688.1	5.95	721.0	5.70	753.8	5.56
688.7	5.94	721.6	5.70	754.4	5.57
689.3	5.92	722.2	5.70	755.0	5.56
689.9	5.93	722.8	5.70	755.6	5.55
690.5	5.92	723.4	5.69	756.2	5.55
691.1	5.91	724.0	5.69	756.8	5.55
691.7	5.92	724.6	5.68	757.4	5.55
692.3	5.92	725.2	5.68	758.0	5.55
692.9	5.91	725.8	5.67	758.6	5.56
693.5	5.91	726.4	5.67	759.2	5.55
694.1	5.90	727.0	5.67	759.8	5.55
694.7	5.90	727.6	5.67	760.	5.54
695.3	5.89	728.2	5.67		
695.9	5.88	728.8	5.67		
696.5	5.89	729.4	5.67		
697.1	5.87	730.0	5.66		
697.7	5.87	730.6	5.66		
698.3	5.88	731.2	5.67		
698.9	5.88	731.8	5.66		
699.5	5.86	732.4	5.67		
700.1	5.87	733.0	5.67		
700.7	5.87	733.6	5.67		
701.3	5.87	734.2	5.65		
701.9	5.86	734.8	5.66		
702.5	5.85	735.4	5.64		
703.1	5.85	736.	5.64		
703.7	5.85	736.6	5.64		
704.3	5.84	737.2	5.65		
704.9	5.83	737.7	5.64		
705.5	5.82	738.3	5.64		
706.1	5.81	738.9	5.64		
706.7	5.81	739.5	5.63		
707.3	5.80	740.1	5.63		
707.9	5.80	740.7	5.63		
708.5	5.80	741.3	5.62		
709.1	5.79	741.9	5.63		
709.7	5.79	742.5	5.62		
710.3	5.79	743.1	5.61		
710.9	5.77	743.7	5.61		
711.5	5.78	744.3	5.60		
712.1	5.78	744.9	5.60		
712.7	5.78	745.5	5.59		
713.3	5.77	746.1	5.59		
713.9	5.76	746.7	5.59		
714.5	5.76	747.3	5.59		
715.1	5.76	747.9	5.59		

Date of Launch	: 08/17/94	32.3	26.96	67.7	20.75	103.	18.08	138.1	16.04
Time of Launch	: 01:44:13	32.9	26.82	68.3	20.69	103.6	18.05	138.7	16.02
Sequence #	: 3	33.5	26.67	69.0	20.62	104.2	18.02	139.4	15.99
Latitude	: 27 00.851N	34.2	26.49	69.6	20.57	104.9	17.98	140.0	15.96
Longitude	: 90 36.768W	34.8	26.37	70.2	20.50	105.5	17.94	140.7	15.93
		35.5	26.26	70.9	20.45	106.2	17.91	141.3	15.89
0.6	28.15	36.1	26.18	71.5	20.41	106.8	17.87	141.9	15.84
1.2	28.77	36.8	26.12	72.2	20.36	107.4	17.81	142.6	15.81
1.9	29.03	37.4	26.07	72.8	20.34	108.1	17.76	143.2	15.78
2.5	29.15	38.1	25.96	73.5	20.32	108.7	17.76	143.8	15.76
3.2	29.21	38.7	25.81	74.1	20.30	109.4	17.72	144.5	15.74
3.8	29.22	39.3	25.69	74.7	20.22	110.0	17.66	145.1	15.71
4.5	29.17	40.0	25.57	75.4	20.13	110.6	17.62	145.8	15.70
5.1	29.11	40.6	25.42	76.0	20.04	111.3	17.60	146.4	15.67
5.8	29.05	41.3	25.29	76.7	19.97	111.9	17.57	147.0	15.65
6.4	29.02	41.9	25.14	77.3	19.91	112.6	17.52	147.7	15.62
7.1	29.01	42.6	25.03	77.9	19.86	113.2	17.48	148.3	15.61
7.7	29.04	43.2	24.91	78.6	19.79	113.8	17.44	148.9	15.59
8.4	29.10	43.9	24.68	79.2	19.74	114.5	17.39	149.6	15.54
9.0	29.14	44.5	24.50	79.9	19.69	115.1	17.35	150.2	15.49
9.7	29.16	45.1	24.40	80.5	19.61	115.8	17.32	150.9	15.46
10.3	29.16	45.8	24.35	81.2	19.56	116.4	17.29	151.5	15.45
10.9	29.19	46.4	24.30	81.8	19.52	117.0	17.26	152.1	15.43
11.6	29.19	47.1	24.20	82.4	19.48	117.7	17.22	152.8	15.40
12.2	29.18	47.7	24.07	83.1	19.43	118.3	17.20	153.4	15.36
12.9	29.19	48.4	23.93	83.7	19.40	118.9	17.16	154.0	15.32
13.5	29.18	49.0	23.80	84.4	19.37	119.6	17.11	154.7	15.29
14.2	29.20	49.7	23.68	85.0	19.35	120.2	17.07	155.3	15.26
14.8	29.20	50.3	23.55	85.6	19.34	120.9	17.01	155.9	15.25
15.5	29.22	50.9	23.45	86.3	19.32	121.5	16.96	156.6	15.22
16.1	29.23	51.6	23.37	86.9	19.32	122.1	16.93	157.2	15.19
16.8	29.26	52.2	23.25	87.6	19.32	122.8	16.91	157.9	15.17
17.4	29.27	52.9	23.13	88.2	19.31	123.4	16.89	158.5	15.16
18.1	29.30	53.5	23.02	88.9	19.29	124.1	16.87	159.1	15.15
18.7	29.29	54.2	22.92	89.5	19.23	124.7	16.85	159.8	15.15
19.3	29.29	54.8	22.79	90.1	19.13	125.3	16.82	160.4	15.14
20.0	29.30	55.4	22.64	90.8	19.04	126.0	16.78	161.0	15.13
20.6	29.29	56.1	22.46	91.4	19.00	126.6	16.74	161.7	15.12
21.3	29.28	56.7	22.31	92.1	18.98	127.3	16.70	162.3	15.12
21.9	29.27	57.4	22.20	92.7	18.97	127.9	16.65	163.	15.12
22.6	29.25	58.0	22.09	93.3	18.96	128.5	16.62	163.6	15.12
23.2	29.23	58.7	21.95	94.0	18.94	129.2	16.59	164.2	15.10
23.9	29.20	59.3	21.82	94.6	18.92	129.8	16.56	164.9	15.09
24.5	29.17	60.0	21.68	95.3	18.85	130.4	16.53	165.5	15.06
25.2	29.11	60.6	21.61	95.9	18.75	131.1	16.49	166.1	15.03
25.8	29.02	61.2	21.55	96.5	18.61	131.7	16.44	166.8	15.01
26.4	28.95	61.9	21.51	97.2	18.51	132.4	16.38	167.4	14.98
27.1	28.83	62.5	21.48	97.8	18.44	133.0	16.33	168.0	14.95
27.7	28.64	63.2	21.42	98.5	18.41	133.6	16.28	168.7	14.92
28.4	28.50	63.8	21.33	99.1	18.36	134.3	16.25	169.3	14.88
29.0	28.24	64.5	21.20	99.7	18.32	134.9	16.22	169.9	14.86
29.7	27.94	65.1	21.05	100.4	18.28	135.6	16.19	170.6	14.85
30.3	27.69	65.7	20.94	101.0	18.26	136.2	16.16	171.2	14.83
31.0	27.39	66.4	20.87	101.7	18.19	136.8	16.13	171.9	14.82
31.6	27.17	67.0	20.81	102.3	18.12	137.5	16.08	172.5	14.80

173.1	14.78	208.0	13.62	242.8	12.87	277.4	11.92	311.9	11.04
173.8	14.76	208.6	13.62	243.4	12.86	278.0	11.93	312.5	11.02
174.4	14.73	209.3	13.59	244.0	12.84	278.7	11.91	313.1	11.00
175.0	14.71	209.9	13.57	244.7	12.83	279.3	11.90	313.8	10.98
175.7	14.69	210.5	13.54	245.3	12.79	279.9	11.87	314.4	10.98
176.3	14.67	211.2	13.52	245.9	12.75	280.5	11.82	315.0	10.97
176.9	14.66	211.8	13.48	246.6	12.74	281.2	11.80	315.7	10.97
177.6	14.63	212.4	13.45	247.2	12.70	281.8	11.77	316.3	10.96
178.2	14.60	213.1	13.43	247.8	12.69	282.4	11.77	316.9	10.96
178.8	14.59	213.7	13.40	248.4	12.68	283.1	11.75	317.5	10.95
179.5	14.56	214.3	13.37	249.1	12.67	283.7	11.72	318.2	10.94
180.1	14.54	215.0	13.35	249.7	12.64	284.3	11.71	318.8	10.92
180.7	14.52	215.6	13.33	250.3	12.61	284.9	11.69	319.4	10.90
181.4	14.50	216.2	13.33	251.0	12.60	285.6	11.68	320.0	10.86
182.0	14.49	216.9	13.31	251.6	12.59	286.2	11.65	320.7	10.82
182.7	14.48	217.5	13.31	252.2	12.58	286.8	11.65	321.3	10.78
183.3	14.47	218.1	13.31	252.9	12.58	287.4	11.63	321.9	10.75
183.9	14.45	218.8	13.30	253.5	12.58	288.1	11.61	322.5	10.73
184.6	14.41	219.4	13.29	254.1	12.58	288.7	11.60	323.2	10.73
185.2	14.39	220.0	13.27	254.7	12.58	289.3	11.58	323.8	10.71
185.8	14.35	220.7	13.26	255.4	12.56	290.	11.57	324.4	10.70
186.5	14.32	221.3	13.25	256.0	12.54	290.6	11.55	325.0	10.68
187.1	14.28	221.9	13.23	256.6	12.53	291.2	11.54	325.7	10.67
187.7	14.24	222.6	13.21	257.3	12.52	291.8	11.53	326.3	10.65
188.4	14.21	223.2	13.20	257.9	12.51	292.5	11.51	326.9	10.64
189.0	14.19	223.8	13.18	258.5	12.49	293.1	11.48	327.5	10.63
189.6	14.17	224.5	13.17	259.2	12.46	293.7	11.47	328.2	10.60
190.3	14.15	225.1	13.15	259.8	12.44	294.4	11.45	328.8	10.59
190.9	14.13	225.7	13.16	260.4	12.43	295.0	11.44	329.4	10.55
191.5	14.10	226.4	13.15	261.0	12.41	295.6	11.42	330.0	10.51
192.2	14.05	227.0	13.14	261.7	12.37	296.2	11.41	330.7	10.49
192.8	14.01	227.6	13.14	262.3	12.35	296.9	11.40	331.3	10.47
193.4	14.00	228.3	13.14	262.9	12.34	297.5	11.38	331.9	10.46
194.1	13.98	228.9	13.12	263.6	12.32	298.1	11.37	332.5	10.44
194.7	13.97	229.5	13.11	264.2	12.29	298.7	11.35	333.2	10.41
195.3	13.96	230.1	13.10	264.8	12.26	299.4	11.32	333.8	10.38
196.0	13.93	230.8	13.09	265.5	12.23	300.0	11.29	334.4	10.36
196.6	13.91	231.4	13.09	266.1	12.21	300.6	11.28	335.0	10.34
197.2	13.90	232.0	13.08	266.7	12.19	301.2	11.27	335.7	10.34
197.9	13.89	232.7	13.07	267.3	12.16	301.9	11.27	336.3	10.33
198.5	13.88	233.3	13.07	268.0	12.14	302.5	11.25	336.9	10.32
199.1	13.86	233.9	13.07	268.6	12.11	303.1	11.24	337.5	10.31
199.8	13.85	234.6	13.05	269.2	12.07	303.8	11.23	338.2	10.29
200.4	13.83	235.2	13.04	269.9	12.05	304.4	11.22	338.8	10.29
201.0	13.80	235.8	13.03	270.5	12.02	305.0	11.21	339.4	10.28
201.7	13.78	236.5	13.02	271.1	12.01	305.6	11.21	340.0	10.27
202.3	13.77	237.1	13.02	271.7	11.98	306.3	11.20	340.6	10.25
202.9	13.76	237.7	13.02	272.4	11.97	306.9	11.18	341.3	10.25
203.6	13.74	238.4	13.01	273.0	11.97	307.5	11.17	341.9	10.25
204.2	13.73	239.0	13.00	273.6	11.96	308.1	11.16	342.5	10.25
204.8	13.70	239.6	12.98	274.3	11.95	308.8	11.16	343.1	10.23
205.5	13.67	240.2	12.95	274.9	11.95	309.4	11.14	343.8	10.22
206.1	13.66	240.9	12.91	275.5	11.95	310.0	11.12	344.4	10.21
206.7	13.65	241.5	12.90	276.1	11.94	310.6	11.10	345.0	10.20
207.4	13.63	242.1	12.89	276.8	11.93	311.3	11.08	345.6	10.18

346.3	10.17	380.5	9.45	414.6	8.84	448.6	8.32	482.4	7.75
346.9	10.16	381.1	9.43	415.2	8.83	449.2	8.30	483.0	7.72
347.5	10.14	381.7	9.41	415.8	8.84	449.8	8.29	483.7	7.71
348.1	10.11	382.4	9.40	416.5	8.82	450.4	8.29	484.3	7.69
348.8	10.12	383.0	9.38	417.1	8.82	451.0	8.29	484.9	7.69
349.4	10.09	383.6	9.36	417.7	8.81	451.7	8.28	485.5	7.68
350.0	10.08	384.2	9.36	418.3	8.78	452.3	8.27	486.1	7.67
350.6	10.06	384.8	9.35	418.9	8.76	452.9	8.27	486.7	7.67
351.3	10.04	385.5	9.34	419.6	8.74	453.5	8.25	487.3	7.66
351.9	10.03	386.1	9.33	420.2	8.73	454.1	8.25	487.9	7.65
352.5	10.02	386.7	9.33	420.8	8.72	454.7	8.24	488.6	7.64
353.1	10.01	387.3	9.32	421.4	8.72	455.4	8.23	489.2	7.64
353.7	9.98	388.	9.32	422.0	8.72	456.0	8.21	489.8	7.64
354.4	9.97	388.6	9.30	422.6	8.71	456.6	8.19	490.4	7.62
355.0	9.97	389.2	9.28	423.3	8.70	457.2	8.18	491.0	7.62
355.6	9.96	389.8	9.26	423.9	8.70	457.8	8.18	491.6	7.60
356.2	9.96	390.4	9.23	424.5	8.69	458.4	8.17	492.2	7.59
356.9	9.96	391.1	9.22	425.1	8.67	459.1	8.16	492.9	7.58
357.5	9.94	391.7	9.20	425.7	8.66	459.7	8.15	493.5	7.58
358.1	9.91	392.3	9.19	426.4	8.66	460.3	8.15	494.1	7.58
358.7	9.88	392.9	9.18	427.0	8.65	460.9	8.14	494.7	7.57
359.4	9.86	393.5	9.15	427.6	8.65	461.5	8.13	495.3	7.57
360.0	9.85	394.2	9.14	428.2	8.64	462.1	8.13	495.9	7.57
360.6	9.83	394.8	9.13	428.8	8.64	462.7	8.11	496.5	7.56
361.2	9.81	395.4	9.13	429.4	8.64	463.4	8.09	497.1	7.57
361.8	9.78	396.0	9.11	430.1	8.63	464.0	8.07	497.8	7.57
362.5	9.75	396.6	9.10	430.7	8.61	464.6	8.08	498.4	7.57
363.1	9.73	397.3	9.08	431.3	8.61	465.2	8.05	499.0	7.57
363.7	9.71	397.9	9.07	431.9	8.61	465.8	8.03	499.6	7.56
364.3	9.70	398.5	9.05	432.5	8.61	466.4	8.02	500.2	7.56
365.	9.69	399.1	9.04	433.2	8.60	467.1	8.02	500.8	7.55
365.6	9.69	399.7	9.02	433.8	8.60	467.7	8.01	501.4	7.55
366.2	9.67	400.4	9.01	434.4	8.58	468.3	8.01	502.1	7.54
366.8	9.65	401.0	9.00	435.0	8.58	468.9	8.00	502.7	7.54
367.4	9.63	401.6	8.99	435.6	8.55	469.5	8.00	503.3	7.54
368.1	9.62	402.2	8.99	436.2	8.56	470.1	7.99	503.9	7.53
368.7	9.60	402.8	8.97	436.9	8.55	470.7	7.97	504.5	7.53
369.3	9.60	403.5	8.96	437.5	8.54	471.4	7.97	505.1	7.51
369.9	9.58	404.1	8.95	438.1	8.54	472.0	7.97	505.7	7.50
370.6	9.56	404.7	8.95	438.7	8.54	472.6	7.96	506.3	7.50
371.2	9.54	405.3	8.94	439.3	8.52	473.2	7.95	507.	7.49
371.8	9.52	405.9	8.95	439.9	8.50	473.8	7.95	507.6	7.49
372.4	9.52	406.6	8.94	440.6	8.49	474.4	7.92	508.2	7.49
373.0	9.51	407.2	8.94	441.2	8.47	475.0	7.90	508.8	7.49
373.7	9.51	407.8	8.94	441.8	8.46	475.7	7.88	509.4	7.47
374.3	9.51	408.4	8.93	442.4	8.45	476.3	7.86	510.0	7.47
374.9	9.50	409.0	8.93	443.0	8.44	476.9	7.85	510.6	7.45
375.5	9.51	409.7	8.91	443.6	8.43	477.5	7.84	511.2	7.44
376.1	9.50	410.3	8.90	444.3	8.42	478.1	7.83	511.9	7.44
376.8	9.50	410.9	8.89	444.9	8.42	478.7	7.83	512.5	7.43
377.4	9.49	411.5	8.88	445.5	8.41	479.4	7.81	513.1	7.43
378.0	9.49	412.1	8.89	446.1	8.40	480.0	7.80	513.7	7.42
378.6	9.49	412.7	8.87	446.7	8.38	480.6	7.79	514.3	7.41
379.3	9.48	413.4	8.84	447.3	8.36	481.2	7.77	514.9	7.40
379.9	9.46	414.0	8.84	448.0	8.35	481.8	7.76	515.5	7.39

516.1	7.41	549.7	6.96	583.2	6.65	616.5	6.34	649.7	6.11
516.7	7.39	550.3	6.96	583.8	6.63	617.1	6.33	650.3	6.10
517.4	7.39	550.9	6.95	584.4	6.61	617.7	6.33	650.9	6.11
518.0	7.37	551.5	6.96	585.0	6.60	618.3	6.31	651.5	6.12
518.6	7.36	552.2	6.95	585.6	6.60	618.9	6.31	652.1	6.10
519.2	7.36	552.8	6.95	586.2	6.59	619.5	6.30	652.7	6.09
519.8	7.35	553.4	6.94	586.8	6.58	620.1	6.30	653.3	6.08
520.4	7.33	554.0	6.93	587.4	6.56	620.7	6.29	653.9	6.07
521.0	7.32	554.6	6.93	588.0	6.56	621.3	6.30	654.5	6.07
521.6	7.31	555.2	6.93	588.6	6.55	621.9	6.30	655.1	6.06
522.3	7.31	555.8	6.92	589.2	6.55	622.5	6.29	655.7	6.06
522.9	7.31	556.4	6.92	589.8	6.54	623.1	6.29	656.3	6.06
523.5	7.29	557.0	6.91	590.5	6.54	623.7	6.29	656.9	6.05
524.1	7.27	557.6	6.90	591.1	6.54	624.3	6.28	657.5	6.05
524.7	7.25	558.2	6.87	591.7	6.55	625.	6.28	658.1	6.04
525.3	7.24	558.9	6.85	592.3	6.54	625.6	6.28	658.7	6.04
525.9	7.25	559.5	6.83	592.9	6.54	626.2	6.28	659.3	6.04
526.5	7.23	560.1	6.82	593.5	6.53	626.8	6.27	659.9	6.04
527.1	7.23	560.7	6.79	594.1	6.52	627.4	6.27	660.5	6.03
527.8	7.22	561.3	6.79	594.7	6.51	628.0	6.27	661.1	6.03
528.4	7.20	561.9	6.79	595.3	6.51	628.6	6.27	661.7	6.03
529.0	7.18	562.5	6.77	595.9	6.50	629.2	6.27	662.3	6.03
529.6	7.18	563.1	6.76	596.5	6.50	629.8	6.27	662.9	6.03
530.2	7.16	563.7	6.76	597.1	6.49	630.4	6.26	663.5	6.02
530.8	7.16	564.3	6.75	597.7	6.49	631.0	6.27	664.1	6.02
531.4	7.15	564.9	6.75	598.3	6.49	631.6	6.26	664.7	6.01
532.0	7.14	565.5	6.75	598.9	6.49	632.2	6.27	665.3	5.99
532.6	7.13	566.2	6.75	599.5	6.49	632.8	6.25	665.9	5.98
533.2	7.11	566.8	6.73	600.1	6.49	633.4	6.26	666.5	5.97
533.9	7.09	567.4	6.73	600.8	6.49	634.0	6.25	667.1	5.98
534.5	7.08	568.0	6.73	601.4	6.47	634.6	6.25	667.7	5.96
535.1	7.07	568.6	6.72	602.0	6.47	635.2	6.23	668.3	5.95
535.7	7.07	569.2	6.72	602.6	6.47	635.8	6.23	668.9	5.94
536.3	7.06	569.8	6.72	603.2	6.46	636.4	6.23	669.5	5.95
536.9	7.06	570.4	6.72	603.8	6.45	637.0	6.22	670.1	5.95
537.5	7.06	571.0	6.72	604.4	6.45	637.6	6.22	670.7	5.95
538.1	7.06	571.6	6.71	605.0	6.44	638.2	6.22	671.3	5.95
538.7	7.06	572.2	6.71	605.6	6.44	638.8	6.22	671.9	5.95
539.4	7.06	572.8	6.70	606.2	6.44	639.4	6.21	672.5	5.94
540.0	7.06	573.5	6.70	606.8	6.43	640.0	6.20	673.1	5.94
540.6	7.06	574.1	6.70	607.4	6.42	640.6	6.20	673.7	5.94
541.2	7.06	574.7	6.70	608.0	6.41	641.2	6.20	674.3	5.94
541.8	7.05	575.3	6.68	608.6	6.40	641.8	6.19	674.9	5.94
542.4	7.06	575.9	6.68	609.2	6.40	642.5	6.19	675.5	5.93
543.0	7.05	576.5	6.67	609.8	6.40	643.1	6.18	676.1	5.93
543.6	7.03	577.1	6.67	610.4	6.39	643.7	6.17	676.7	5.92
544.2	7.01	577.7	6.67	611.0	6.39	644.3	6.16	677.3	5.93
544.8	7.00	578.3	6.66	611.7	6.38	644.9	6.14	677.9	5.92
545.5	6.99	578.9	6.67	612.3	6.37	645.5	6.14	678.5	5.91
546.1	6.99	579.5	6.66	612.9	6.36	646.1	6.14	679.1	5.93
546.7	6.99	580.1	6.66	613.5	6.36	646.7	6.14	679.7	5.92
547.3	6.99	580.7	6.66	614.1	6.36	647.3	6.13	680.3	5.92
547.9	6.98	581.3	6.66	614.7	6.35	647.9	6.13	680.9	5.91
548.5	6.98	582.	6.65	615.3	6.35	648.5	6.13	681.5	5.91
549.1	6.98	582.6	6.65	615.9	6.34	649.1	6.12	682.1	5.89

682.7	5.89	715.7	5.69	748.5	5.56
683.3	5.89	716.3	5.68	749.1	5.58
683.9	5.89	716.9	5.68	749.7	5.58
684.5	5.88	717.5	5.68	750.3	5.57
685.1	5.88	718.1	5.68	750.8	5.57
685.7	5.88	718.7	5.68	751.4	5.56
686.3	5.87	719.3	5.68	752.0	5.57
686.9	5.87	719.9	5.69	752.6	5.56
687.5	5.86	720.4	5.68	753.2	5.56
688.1	5.86	721.0	5.67	753.8	5.56
688.7	5.85	721.6	5.66	754.4	5.55
689.3	5.85	722.2	5.66	755.0	5.56
689.9	5.85	722.8	5.65	755.6	5.56
690.5	5.85	723.4	5.65	756.2	5.56
691.1	5.84	724.0	5.64	756.8	5.55
691.7	5.84	724.6	5.64	757.4	5.55
692.3	5.83	725.2	5.64	758.0	5.55
692.9	5.83	725.8	5.63	758.6	5.55
693.5	5.82	726.4	5.63	759.2	5.56
694.1	5.82	727.0	5.63	759.8	5.56
694.7	5.81	727.6	5.63	760.	5.55
695.3	5.81	728.2	5.63		
695.9	5.80	728.8	5.63		
696.5	5.79	729.4	5.63		
697.1	5.79	730.0	5.62		
697.7	5.79	730.6	5.63		
698.3	5.78	731.2	5.63		
698.9	5.78	731.8	5.62		
699.5	5.77	732.4	5.63		
700.1	5.76	733.0	5.64		
700.7	5.77	733.6	5.62		
701.3	5.76	734.2	5.63		
701.9	5.76	734.8	5.63		
702.5	5.76	735.4	5.62		
703.1	5.75	736.	5.62		
703.7	5.75	736.6	5.62		
704.3	5.74	737.2	5.62		
704.9	5.74	737.7	5.61		
705.5	5.74	738.3	5.60		
706.1	5.75	738.9	5.60		
706.7	5.73	739.5	5.60		
707.3	5.74	740.1	5.61		
707.9	5.74	740.7	5.59		
708.5	5.74	741.3	5.59		
709.1	5.73	741.9	5.59		
709.7	5.72	742.5	5.59		
710.3	5.72	743.1	5.59		
710.9	5.71	743.7	5.59		
711.5	5.72	744.3	5.59		
712.1	5.71	744.9	5.59		
712.7	5.70	745.5	5.58		
713.3	5.71	746.1	5.58		
713.9	5.70	746.7	5.58		
714.5	5.70	747.3	5.57		
715.1	5.70	747.9	5.57		



Date of Launch	: 08/17/94	32.3	25.42	67.7	20.18	103.	17.82	138.1	16.50
Time of Launch	: 04:44:57	32.9	25.17	68.3	20.12	103.6	17.79	138.7	16.47
Sequence #	: 5	33.5	24.96	69.0	19.97	104.2	17.78	139.4	16.44
Latitude	: 26 29.140 N	34.2	24.77	69.6	19.90	104.9	17.77	140.0	16.42
Longitude	: 90 36.450 W	34.8	24.60	70.2	19.87	105.5	17.75	140.7	16.41
		35.5	24.48	70.9	19.86	106.2	17.72	141.3	16.39
0.6	29.16	36.1	24.35	71.5	19.83	106.8	17.70	141.9	16.36
1.2	29.41	36.8	24.27	72.2	19.79	107.4	17.68	142.6	16.34
1.9	29.45	37.4	24.16	72.8	19.71	108.1	17.64	143.2	16.30
2.5	29.46	38.1	24.05	73.5	19.62	108.7	17.62	143.8	16.26
3.2	29.45	38.7	23.96	74.1	19.58	109.4	17.62	144.5	16.23
3.8	29.46	39.3	23.87	74.7	19.57	110.0	17.58	145.1	16.17
4.5	29.46	40.0	23.74	75.4	19.55	110.6	17.54	145.8	16.11
5.1	29.47	40.6	23.63	76.0	19.53	111.3	17.53	146.4	16.06
5.8	29.47	41.3	23.60	76.7	19.49	111.9	17.52	147.0	16.02
6.4	29.48	41.9	23.55	77.3	19.45	112.6	17.5	147.7	16.00
7.1	29.47	42.6	23.53	77.9	19.39	113.2	17.45	148.3	15.99
7.7	29.47	43.2	23.47	78.6	19.35	113.8	17.45	148.9	15.97
8.4	29.47	43.9	23.35	79.2	19.25	114.5	17.45	149.6	15.95
9.0	29.47	44.5	23.12	79.9	19.16	115.1	17.46	150.2	15.94
9.7	29.43	45.1	22.95	80.5	19.08	115.8	17.44	150.9	15.92
10.3	29.38	45.8	22.77	81.2	19.04	116.4	17.42	151.5	15.89
10.9	29.39	46.4	22.61	81.8	19.03	117.0	17.38	152.1	15.85
11.6	29.38	47.1	22.43	82.4	18.95	117.7	17.36	152.8	15.83
12.2	29.37	47.7	22.25	83.1	18.87	118.3	17.34	153.4	15.78
12.9	29.37	48.4	22.17	83.7	18.83	118.9	17.29	154.0	15.75
13.5	29.36	49.0	22.13	84.4	18.78	119.6	17.20	154.7	15.73
14.2	29.37	49.7	22.10	85.0	18.72	120.2	17.16	155.3	15.71
14.8	29.37	50.3	22.08	85.6	18.70	120.9	17.15	155.9	15.70
15.5	29.36	50.9	22.03	86.3	18.69	121.5	17.10	156.6	15.70
16.1	29.36	51.6	21.90	86.9	18.67	122.1	17.02	157.2	15.69
16.8	29.36	52.2	21.56	87.6	18.64	122.8	16.96	157.9	15.66
17.4	29.36	52.9	21.40	88.2	18.61	123.4	16.91	158.5	15.63
18.1	29.36	53.5	21.31	88.9	18.51	124.1	16.88	159.1	15.61
18.7	29.36	54.2	21.23	89.5	18.44	124.7	16.86	159.8	15.58
19.3	29.35	54.8	21.18	90.1	18.38	125.3	16.84	160.4	15.57
20.0	29.35	55.4	21.10	90.8	18.33	126.0	16.83	161.0	15.55
20.6	29.35	56.1	21.02	91.4	18.32	126.6	16.82	161.7	15.47
21.3	29.33	56.7	20.95	92.1	18.32	127.3	16.81	162.3	15.44
21.9	29.29	57.4	20.86	92.7	18.31	127.9	16.79	163.	15.42
22.6	29.03	58.0	20.82	93.3	18.27	128.5	16.77	163.6	15.40
23.2	28.84	58.7	20.80	94.0	18.25	129.2	16.76	164.2	15.40
23.9	28.74	59.3	20.77	94.6	18.24	129.8	16.75	164.9	15.38
24.5	28.65	60.0	20.72	95.3	18.17	130.4	16.71	165.5	15.35
25.2	28.37	60.6	20.65	95.9	18.14	131.1	16.69	166.1	15.33
25.8	27.83	61.2	20.61	96.5	18.12	131.7	16.67	166.8	15.30
26.4	27.63	61.9	20.60	97.2	18.10	132.4	16.66	167.4	15.26
27.1	27.46	62.5	20.57	97.8	18.07	133.0	16.65	168.0	15.22
27.7	27:20	63.2	20.47	98.5	18.04	133.6	16.63	168.7	15.20
28.4	26.96	63.8	20.34	99.1	18.00	134.3	16.61	169.3	15.16
29.0	26.74	64.5	20.24	99.7	17.95	134.9	16.60	169.9	15.15
29.7	26.50	65.1	20.21	100.4	17.93	135.6	16.59	170.6	15.11
30.3	26.11	65.7	20.20	101.0	17.88	136.2	16.54	171.2	15.09
31.0	25.77	66.4	20.19	101.7	17.86	136.8	16.54	171.9	15.07
31.6	25.62	67.0	20.19	102.3	17.84	137.5	16.53	172.5	15.05

173.1	15.03	208.0	13.94	242.8	12.91	277.4	11.91	311.9	11.10
173.8	15.02	208.6	13.93	243.4	12.87	278.0	11.89	312.5	11.07
174.4	15.01	209.3	13.91	244.0	12.86	278.7	11.89	313.1	11.05
175.0	15.00	209.9	13.88	244.7	12.85	279.3	11.89	313.8	11.01
175.7	14.98	210.5	13.85	245.3	12.81	279.9	11.88	314.4	10.97
176.3	14.95	211.2	13.83	245.9	12.80	280.5	11.88	315.0	10.95
176.9	14.91	211.8	13.82	246.6	12.76	281.2	11.87	315.7	10.94
177.6	14.90	212.4	13.79	247.2	12.72	281.8	11.86	316.3	10.94
178.2	14.88	213.1	13.77	247.8	12.70	282.4	11.82	316.9	10.91
178.8	14.87	213.7	13.75	248.4	12.68	283.1	11.80	317.5	10.89
179.5	14.87	214.3	13.71	249.1	12.65	283.7	11.78	318.2	10.87
180.1	14.85	215.0	13.69	249.7	12.64	284.3	11.76	318.8	10.83
180.7	14.83	215.6	13.67	250.3	12.64	284.9	11.74	319.4	10.82
181.4	14.81	216.2	13.67	251.0	12.63	285.6	11.72	320.0	10.80
182.0	14.80	216.9	13.67	251.6	12.62	286.2	11.69	320.7	10.77
182.7	14.79	217.5	13.66	252.2	12.61	286.8	11.68	321.3	10.77
183.3	14.78	218.1	13.66	252.9	12.61	287.4	11.65	321.9	10.76
183.9	14.76	218.8	13.66	253.5	12.60	288.1	11.61	322.5	10.75
184.6	14.75	219.4	13.62	254.1	12.58	288.7	11.59	323.2	10.75
185.2	14.73	220.0	13.56	254.7	12.57	289.3	11.57	323.8	10.74
185.8	14.69	220.7	13.51	255.4	12.55	290.0	11.55	324.4	10.73
186.5	14.63	221.3	13.48	256.0	12.53	290.6	11.55	325.0	10.72
187.1	14.62	221.9	13.47	256.6	12.51	291.2	11.54	325.7	10.68
187.7	14.60	222.6	13.45	257.3	12.49	291.8	11.54	326.3	10.67
188.4	14.56	223.2	13.41	257.9	12.46	292.5	11.54	326.9	10.65
189.0	14.53	223.8	13.38	258.5	12.45	293.1	11.53	327.5	10.63
189.6	14.52	224.5	13.37	259.2	12.43	293.7	11.51	328.2	10.62
190.3	14.47	225.1	13.36	259.8	12.41	294.4	11.51	328.8	10.62
190.9	14.46	225.7	13.34	260.4	12.39	295.0	11.50	329.4	10.61
191.5	14.44	226.4	13.34	261.0	12.34	295.6	11.46	330.0	10.60
192.2	14.43	227.0	13.34	261.7	12.30	296.2	11.40	330.7	10.58
192.8	14.39	227.6	13.33	262.3	12.27	296.9	11.37	331.3	10.50
193.4	14.36	228.3	13.32	262.9	12.25	297.5	11.36	331.9	10.46
194.1	14.32	228.9	13.32	263.6	12.24	298.1	11.36	332.5	10.46
194.7	14.28	229.5	13.30	264.2	12.22	298.7	11.35	333.2	10.45
195.3	14.26	230.1	13.27	264.8	12.22	299.4	11.34	333.8	10.45
196.0	14.24	230.8	13.25	265.5	12.20	300.0	11.34	334.4	10.43
196.6	14.20	231.4	13.22	266.1	12.19	300.6	11.33	335.0	10.43
197.2	14.17	232.0	13.19	266.7	12.19	301.2	11.32	335.7	10.42
197.9	14.15	232.7	13.17	267.3	12.18	301.9	11.32	336.3	10.40
198.5	14.13	233.3	13.15	268.0	12.16	302.5	11.30	336.9	10.38
199.1	14.11	233.9	13.14	268.6	12.15	303.1	11.28	337.5	10.37
199.8	14.08	234.6	13.11	269.2	12.14	303.8	11.27	338.2	10.35
200.4	14.06	235.2	13.05	269.9	12.14	304.4	11.26	338.8	10.33
201.0	14.05	235.8	13.04	270.5	12.14	305.0	11.25	339.4	10.31
201.7	14.03	236.5	13.03	271.1	12.13	305.6	11.23	340.0	10.30
202.3	14.03	237.1	13.02	271.7	12.13	306.3	11.23	340.6	10.27
202.9	14.02	237.7	13.02	272.4	12.10	306.9	11.22	341.3	10.27
203.6	14.02	238.4	13.01	273.0	12.04	307.5	11.21	341.9	10.27
204.2	14.01	239.0	13.00	273.6	12.02	308.1	11.19	342.5	10.25
204.8	13.99	239.6	12.98	274.3	12.00	308.8	11.16	343.1	10.25
205.5	13.98	240.2	12.97	274.9	11.98	309.4	11.15	343.8	10.24
206.1	13.97	240.9	12.96	275.5	11.97	310.0	11.14	344.4	10.24
206.7	13.95	241.5	12.95	276.1	11.96	310.6	11.15	345.0	10.23
207.4	13.95	242.1	12.92	276.8	11.93	311.3	11.13	345.6	10.23

346.3	10.23	380.5	9.69	414.6	9.12	448.6	8.60	482.4	7.99
346.9	10.23	381.1	9.69	415.2	9.11	449.2	8.59	483.0	7.96
347.5	10.22	381.7	9.68	415.8	9.10	449.8	8.58	483.7	7.95
348.1	10.21	382.4	9.66	416.5	9.06	450.4	8.56	484.3	7.95
348.8	10.19	383.0	9.63	417.1	9.05	451.0	8.56	484.9	7.92
349.4	10.19	383.6	9.63	417.7	9.03	451.7	8.55	485.5	7.92
350.0	10.18	384.2	9.62	418.3	9.02	452.3	8.54	486.1	7.91
350.6	10.17	384.8	9.60	418.9	9.01	452.9	8.53	486.7	7.91
351.3	10.16	385.5	9.59	419.6	9.01	453.5	8.54	487.3	7.90
351.9	10.15	386.1	9.59	420.2	9.00	454.1	8.53	487.9	7.88
352.5	10.15	386.7	9.59	420.8	8.97	454.7	8.51	488.6	7.87
353.1	10.14	387.3	9.57	421.4	8.96	455.4	8.50	489.2	7.86
353.7	10.13	388.	9.56	422.0	8.95	456.0	8.49	489.8	7.86
354.4	10.11	388.6	9.56	422.6	8.94	456.6	8.48	490.4	7.85
355.0	10.10	389.2	9.54	423.3	8.93	457.2	8.46	491.0	7.85
355.6	10.09	389.8	9.54	423.9	8.92	457.8	8.44	491.6	7.84
356.2	10.08	390.4	9.53	424.5	8.91	458.4	8.43	492.2	7.83
356.9	10.06	391.1	9.53	425.1	8.90	459.1	8.42	492.9	7.82
357.5	10.04	391.7	9.54	425.7	8.90	459.7	8.42	493.5	7.81
358.1	10.03	392.3	9.53	426.4	8.88	460.3	8.42	494.1	7.81
358.7	10.01	392.9	9.52	427.0	8.88	460.9	8.42	494.7	7.81
359.4	9.98	393.5	9.52	427.6	8.88	461.5	8.41	495.3	7.81
360.0	9.97	394.2	9.52	428.2	8.86	462.1	8.41	495.9	7.81
360.6	9.97	394.8	9.51	428.8	8.87	462.7	8.40	496.5	7.79
361.2	9.97	395.4	9.52	429.4	8.85	463.4	8.40	497.1	7.78
361.8	9.96	396.0	9.51	430.1	8.84	464.0	8.40	497.8	7.78
362.5	9.92	396.6	9.50	430.7	8.83	464.6	8.38	498.4	7.77
363.1	9.90	397.3	9.49	431.3	8.82	465.2	8.35	499.0	7.74
363.7	9.89	397.9	9.48	431.9	8.80	465.8	8.32	499.6	7.73
364.3	9.88	398.5	9.48	432.5	8.79	466.4	8.31	500.2	7.73
365.	9.88	399.1	9.47	433.2	8.79	467.1	8.29	500.8	7.73
365.6	9.87	399.7	9.46	433.8	8.78	467.7	8.28	501.4	7.73
366.2	9.85	400.4	9.47	434.4	8.77	468.3	8.28	502.1	7.73
366.8	9.84	401.0	9.45	435.0	8.77	468.9	8.26	502.7	7.73
367.4	9.83	401.6	9.44	435.6	8.76	469.5	8.24	503.3	7.73
368.1	9.82	402.2	9.43	436.2	8.75	470.1	8.23	503.9	7.73
368.7	9.82	402.8	9.40	436.9	8.72	470.7	8.21	504.5	7.73
369.3	9.81	403.5	9.37	437.5	8.70	471.4	8.19	505.1	7.72
369.9	9.79	404.1	9.36	438.1	8.69	472.0	8.18	505.7	7.72
370.6	9.78	404.7	9.35	438.7	8.68	472.6	8.19	506.3	7.72
371.2	9.77	405.3	9.34	439.3	8.67	473.2	8.18	507.	7.71
371.8	9.75	405.9	9.33	439.9	8.66	473.8	8.18	507.6	7.70
372.4	9.75	406.6	9.31	440.6	8.65	474.4	8.17	508.2	7.70
373.0	9.74	407.2	9.31	441.2	8.64	475.0	8.16	508.8	7.70
373.7	9.74	407.8	9.30	441.8	8.63	475.7	8.14	509.4	7.70
374.3	9.73	408.4	9.30	442.4	8.62	476.3	8.13	510.0	7.70
374.9	9.72	409.0	9.29	443.0	8.63	476.9	8.13	510.6	7.69
375.5	9.72	409.7	9.28	443.6	8.62	477.5	8.11	511.2	7.68
376.1	9.72	410.3	9.26	444.3	8.62	478.1	8.09	511.9	7.68
376.8	9.71	410.9	9.26	444.9	8.61	478.7	8.07	512.5	7.67
377.4	9.71	411.5	9.22	445.5	8.61	479.4	8.06	513.1	7.67
378.0	9.70	412.1	9.22	446.1	8.61	480.0	8.05	513.7	7.67
378.6	9.70	412.7	9.18	446.7	8.61	480.6	8.04	514.3	7.66
379.3	9.70	413.4	9.15	447.3	8.61	481.2	8.00	514.9	7.64
379.9	9.70	414.0	9.13	448.0	8.60	481.8	7.99	515.5	7.63

516.1	7.61	549.7	7.25	583.2	6.88	616.5	6.64	649.7	6.38
516.7	7.59	550.3	7.24	583.8	6.87	617.1	6.65	650.3	6.38
517.4	7.57	550.9	7.25	584.4	6.86	617.7	6.63	650.9	6.38
518.0	7.57	551.5	7.23	585.0	6.86	618.3	6.62	651.5	6.38
518.6	7.56	552.2	7.23	585.6	6.85	618.9	6.62	652.1	6.36
519.2	7.56	552.8	7.23	586.2	6.85	619.5	6.61	652.7	6.34
519.8	7.54	553.4	7.22	586.8	6.85	620.1	6.61	653.3	6.33
520.4	7.52	554.0	7.21	587.4	6.84	620.7	6.60	653.9	6.32
521.0	7.51	554.6	7.20	588.0	6.85	621.3	6.60	654.5	6.32
521.6	7.50	555.2	7.20	588.6	6.84	621.9	6.60	655.1	6.32
522.3	7.50	555.8	7.20	589.2	6.85	622.5	6.60	655.7	6.31
522.9	7.50	556.4	7.19	589.8	6.84	623.1	6.59	656.3	6.30
523.5	7.50	557.0	7.19	590.5	6.85	623.7	6.59	656.9	6.30
524.1	7.50	557.6	7.19	591.1	6.84	624.3	6.59	657.5	6.29
524.7	7.50	558.2	7.18	591.7	6.84	625.	6.58	658.1	6.30
525.3	7.49	558.9	7.18	592.3	6.84	625.6	6.56	658.7	6.29
525.9	7.49	559.5	7.17	592.9	6.84	626.2	6.56	659.3	6.29
526.5	7.50	560.1	7.16	593.5	6.83	626.8	6.56	659.9	6.28
527.1	7.49	560.7	7.15	594.1	6.82	627.4	6.55	660.5	6.27
527.8	7.49	561.3	7.15	594.7	6.81	628.0	6.55	661.1	6.26
528.4	7.48	561.9	7.14	595.3	6.81	628.6	6.55	661.7	6.26
529.0	7.48	562.5	7.12	595.9	6.80	629.2	6.54	662.3	6.26
529.6	7.46	563.1	7.11	596.5	6.80	629.8	6.55	662.9	6.26
530.2	7.44	563.7	7.11	597.1	6.81	630.4	6.55	663.5	6.25
530.8	7.44	564.3	7.12	597.7	6.81	631.0	6.55	664.1	6.25
531.4	7.44	564.9	7.11	598.3	6.81	631.6	6.54	664.7	6.24
532.0	7.43	565.5	7.11	598.9	6.81	632.2	6.54	665.3	6.22
532.6	7.42	566.2	7.11	599.5	6.81	632.8	6.53	665.9	6.22
533.2	7.41	566.8	7.10	600.1	6.80	633.4	6.53	666.5	6.22
533.9	7.41	567.4	7.08	600.8	6.80	634.0	6.52	667.1	6.22
534.5	7.40	568.0	7.07	601.4	6.79	634.6	6.53	667.7	6.22
535.1	7.40	568.6	7.07	602.0	6.78	635.2	6.52	668.3	6.22
535.7	7.39	569.2	7.06	602.6	6.78	635.8	6.52	668.9	6.21
536.3	7.38	569.8	7.06	603.2	6.77	636.4	6.51	669.5	6.21
536.9	7.37	570.4	7.06	603.8	6.76	637.0	6.51	670.1	6.21
537.5	7.37	571.0	7.05	604.4	6.76	637.6	6.50	670.7	6.21
538.1	7.36	571.6	7.05	605.0	6.76	638.2	6.49	671.3	6.21
538.7	7.35	572.2	7.03	605.6	6.74	638.8	6.48	671.9	6.20
539.4	7.35	572.8	7.02	606.2	6.73	639.4	6.47	672.5	6.20
540.0	7.35	573.5	7.01	606.8	6.72	640.0	6.46	673.1	6.20
540.6	7.34	574.1	7.00	607.4	6.71	640.6	6.46	673.7	6.20
541.2	7.33	574.7	7.00	608.0	6.71	641.2	6.45	674.3	6.19
541.8	7.33	575.3	6.99	608.6	6.70	641.8	6.45	674.9	6.18
542.4	7.33	575.9	6.96	609.2	6.69	642.5	6.45	675.5	6.18
543.0	7.33	576.5	6.95	609.8	6.68	643.1	6.45	676.1	6.17
543.6	7.31	577.1	6.94	610.4	6.67	643.7	6.44	676.7	6.18
544.2	7.30	577.7	6.94	611.0	6.66	644.3	6.44	677.3	6.18
544.8	7.29	578.3	6.93	611.7	6.67	644.9	6.43	677.9	6.18
545.5	7.29	578.9	6.93	612.3	6.66	645.5	6.42	678.5	6.17
546.1	7.28	579.5	6.92	612.9	6.65	646.1	6.41	679.1	6.17
546.7	7.27	580.1	6.92	613.5	6.65	646.7	6.41	679.7	6.17
547.3	7.27	580.7	6.92	614.1	6.65	647.3	6.41	680.3	6.16
547.9	7.26	581.3	6.91	614.7	6.64	647.9	6.41	680.9	6.16
548.5	7.25	582.	6.90	615.3	6.65	648.5	6.39	681.5	6.16
549.1	7.25	582.6	6.89	615.9	6.64	649.1	6.38	682.1	6.15

682.7	6.15	715.7	5.90	748.5	5.73
683.3	6.15	716.3	5.90	749.1	5.72
683.9	6.15	716.9	5.90	749.7	5.71
684.5	6.14	717.5	5.89	750.3	5.72
685.1	6.14	718.1	5.88	750.8	5.71
685.7	6.14	718.7	5.88	751.4	5.70
686.3	6.14	719.3	5.88	752.0	5.70
686.9	6.14	719.9	5.87	752.6	5.70
687.5	6.13	720.4	5.87	753.2	5.69
688.1	6.13	721.0	5.87	753.8	5.69
688.7	6.12	721.6	5.87	754.4	5.68
689.3	6.11	722.2	5.86	755.0	5.68
689.9	6.09	722.8	5.86	755.6	5.67
690.5	6.08	723.4	5.86	756.2	5.67
691.1	6.08	724.0	5.87	756.8	5.67
691.7	6.07	724.6	5.85	757.4	5.66
692.3	6.07	725.2	5.86	758.0	5.66
692.9	6.06	725.8	5.85	758.6	5.66
693.5	6.07	726.4	5.85	759.2	5.65
694.1	6.06	727.0	5.86	759.8	5.65
694.7	6.05	727.6	5.85	760.	5.64
695.3	6.05	728.2	5.84		
695.9	6.03	728.8	5.84		
696.5	6.03	729.4	5.83		
697.1	6.03	730.0	5.83		
697.7	6.03	730.6	5.83		
698.3	6.03	731.2	5.83		
698.9	6.03	731.8	5.83		
699.5	6.03	732.4	5.83		
700.1	6.02	733.0	5.83		
700.7	6.02	733.6	5.81		
701.3	6.02	734.2	5.81		
701.9	6.02	734.8	5.80		
702.5	6.01	735.4	5.79		
703.1	6.01	736.	5.81		
703.7	6.00	736.6	5.80		
704.3	6.00	737.2	5.79		
704.9	5.98	737.7	5.78		
705.5	5.98	738.3	5.78		
706.1	5.98	738.9	5.78		
706.7	5.98	739.5	5.78		
707.3	5.98	740.1	5.78		
707.9	5.98	740.7	5.78		
708.5	5.98	741.3	5.77		
709.1	5.98	741.9	5.76		
709.7	5.98	742.5	5.76		
710.3	5.97	743.1	5.75		
710.9	5.97	743.7	5.76		
711.5	5.97	744.3	5.75		
712.1	5.96	744.9	5.75		
712.7	5.95	745.5	5.74		
713.3	5.94	746.1	5.74		
713.9	5.92	746.7	5.74		
714.5	5.91	747.3	5.73		
715.1	5.91	747.9	5.72		

Date of Launch	:	08/18/94	32.3	27.64	67.7	21.19	103.	19.05	138.1	17.00
Time of Launch	:	12:39:22	32.9	27.47	68.3	21.13	103.6	19.02	138.7	16.98
Sequence #	:	6	33.5	27.22	69.0	21.08	104.2	18.99	139.4	16.95
Latitude	:	26 05.308 N	34.2	26.87	69.6	21.01	104.9	18.95	140.0	16.93
Longitude	:	90 59.900 W	34.8	26.38	70.2	20.93	105.5	18.92	140.7	16.93
	:		35.5	25.99	70.9	20.90	106.2	18.89	141.3	16.92
0.6		28.87	36.1	25.72	71.5	20.87	106.8	18.85	141.9	16.91
1.2		29.21	36.8	25.48	72.2	20.83	107.4	18.82	142.6	16.88
1.9		29.30	37.4	25.09	72.8	20.80	108.1	18.80	143.2	16.87
2.5		29.31	38.1	24.61	73.5	20.73	108.7	18.79	143.8	16.81
3.2		29.32	38.7	24.18	74.1	20.66	109.4	18.76	144.5	16.74
3.8		29.34	39.3	24.03	74.7	20.60	110.0	18.68	145.1	16.67
4.5		29.35	40.0	23.96	75.4	20.57	110.6	18.56	145.8	16.62
5.1		29.36	40.6	23.92	76.0	20.55	111.3	18.51	146.4	16.58
5.8		29.38	41.3	23.91	76.7	20.53	111.9	18.47	147.0	16.54
6.4		29.40	41.9	23.89	77.3	20.49	112.6	18.45	147.7	16.52
7.1		29.46	42.6	23.82	77.9	20.45	113.2	18.44	148.3	16.50
7.7		29.50	43.2	23.70	78.6	20.40	113.8	18.43	148.9	16.48
8.4		29.55	43.9	23.65	79.2	20.39	114.5	18.41	149.6	16.45
9.0		29.61	44.5	23.72	79.9	20.38	115.1	18.39	150.2	16.39
9.7		29.75	45.1	23.74	80.5	20.38	115.8	18.36	150.9	16.38
10.3		29.81	45.8	23.72	81.2	20.37	116.4	18.32	151.5	16.37
10.9		29.82	46.4	23.68	81.8	20.35	117.0	18.27	152.1	16.36
11.6		29.81	47.1	23.61	82.4	20.34	117.7	18.22	152.8	16.34
12.2		29.82	47.7	23.53	83.1	20.32	118.3	18.18	153.4	16.32
12.9		29.83	48.4	23.44	83.7	20.28	118.9	18.14	154.0	16.29
13.5		29.85	49.0	23.33	84.4	20.24	119.6	18.09	154.7	16.26
14.2		29.88	49.7	23.22	85.0	20.21	120.2	18.04	155.3	16.20
14.8		29.91	50.3	23.12	85.6	20.20	120.9	18.02	155.9	16.18
15.5		29.91	50.9	23.03	86.3	20.18	121.5	18.01	156.6	16.16
16.1		29.90	51.6	22.96	86.9	20.16	122.1	17.97	157.2	16.15
16.8		29.86	52.2	22.90	87.6	20.13	122.8	17.90	157.9	16.14
17.4		29.83	52.9	22.85	88.2	20.11	123.4	17.83	158.5	16.14
18.1		29.80	53.5	22.80	88.9	20.07	124.1	17.81	159.1	16.09
18.7		29.79	54.2	22.70	89.5	20.06	124.7	17.78	159.8	16.06
19.3		29.79	54.8	22.55	90.1	20.05	125.3	17.75	160.4	16.03
20.0		29.78	55.4	22.41	90.8	20.00	126.0	17.71	161.0	16.02
20.6		29.78	56.1	22.29	91.4	19.90	126.6	17.66	161.7	15.96
21.3		29.78	56.7	22.19	92.1	19.83	127.3	17.62	162.3	15.88
21.9		29.76	57.4	22.13	92.7	19.79	127.9	17.58	163.	15.83
22.6		29.75	58.0	22.07	93.3	19.75	128.5	17.53	163.6	15.76
23.2		29.69	58.7	21.98	94.0	19.70	129.2	17.47	164.2	15.70
23.9		29.62	59.3	21.84	94.6	19.64	129.8	17.40	164.9	15.66
24.5		29.57	60.0	21.71	95.3	19.59	130.4	17.36	165.5	15.64
25.2		29.54	60.6	21.60	95.9	19.51	131.1	17.34	166.1	15.62
25.8		29.45	61.2	21.56	96.5	19.47	131.7	17.31	166.8	15.60
26.4		29.22	61.9	21.57	97.2	19.44	132.4	17.29	167.4	15.58
27.1		28.99	62.5	21.57	97.8	19.37	133.0	17.28	168.0	15.56
27.7		28.89	63.2	21.56	98.5	19.30	133.6	17.26	168.7	15.55
28.4		28.89	63.8	21.55	99.1	19.24	134.3	17.23	169.3	15.54
29.0		28.92	64.5	21.51	99.7	19.20	134.9	17.22	169.9	15.53
29.7		28.86	65.1	21.44	100.4	19.19	135.6	17.19	170.6	15.52
30.3		28.50	65.7	21.41	101.0	19.16	136.2	17.15	171.2	15.50
31.0		28.22	66.4	21.33	101.7	19.15	136.8	17.09	171.9	15.48
31.6		27.95	67.0	21.23	102.3	19.11	137.5	17.03	172.5	15.47

173.1	15.43	208.0	14.11	242.8	13.06	277.4	12.02	311.9	11.18
173.8	15.42	208.6	14.06	243.4	13.04	278.0	11.99	312.5	11.14
174.4	15.41	209.3	14.04	244.0	13.03	278.7	11.96	313.1	11.13
175.0	15.39	209.9	14.00	244.7	13.01	279.3	11.95	313.8	11.13
175.7	15.37	210.5	13.99	245.3	13.01	279.9	11.94	314.4	11.12
176.3	15.31	211.2	13.98	245.9	12.99	280.5	11.93	315.0	11.11
176.9	15.25	211.8	13.98	246.6	12.98	281.2	11.91	315.7	11.10
177.6	15.18	212.4	13.98	247.2	12.98	281.8	11.88	316.3	11.09
178.2	15.12	213.1	13.97	247.8	12.97	282.4	11.85	316.9	11.08
178.8	15.05	213.7	13.97	248.4	12.96	283.1	11.81	317.5	11.06
179.5	14.99	214.3	13.96	249.1	12.95	283.7	11.78	318.2	11.04
180.1	14.96	215.0	13.97	249.7	12.90	284.3	11.74	318.8	11.00
180.7	14.92	215.6	13.92	250.3	12.83	284.9	11.70	319.4	10.97
181.4	14.89	216.2	13.90	251.0	12.77	285.6	11.69	320.0	10.96
182.0	14.86	216.9	13.89	251.6	12.76	286.2	11.66	320.7	10.95
182.7	14.85	217.5	13.87	252.2	12.75	286.8	11.66	321.3	10.94
183.3	14.83	218.1	13.85	252.9	12.75	287.4	11.65	321.9	10.94
183.9	14.83	218.8	13.83	253.5	12.72	288.1	11.63	322.5	10.94
184.6	14.81	219.4	13.81	254.1	12.70	288.7	11.60	323.2	10.94
185.2	14.79	220.0	13.78	254.7	12.69	289.3	11.59	323.8	10.94
185.8	14.75	220.7	13.77	255.4	12.68	290.	11.57	324.4	10.92
186.5	14.72	221.3	13.74	256.0	12.66	290.6	11.55	325.0	10.91
187.1	14.69	221.9	13.71	256.6	12.64	291.2	11.53	325.7	10.90
187.7	14.67	222.6	13.69	257.3	12.62	291.8	11.51	326.3	10.88
188.4	14.66	223.2	13.68	257.9	12.60	292.5	11.50	326.9	10.89
189.0	14.61	223.8	13.67	258.5	12.56	293.1	11.47	327.5	10.88
189.6	14.56	224.5	13.62	259.2	12.53	293.7	11.46	328.2	10.85
190.3	14.55	225.1	13.55	259.8	12.52	294.4	11.44	328.8	10.83
190.9	14.55	225.7	13.50	260.4	12.52	295.0	11.40	329.4	10.81
191.5	14.54	226.4	13.45	261.0	12.48	295.6	11.38	330.0	10.79
192.2	14.53	227.0	13.40	261.7	12.44	296.2	11.38	330.7	10.78
192.8	14.51	227.6	13.39	262.3	12.42	296.9	11.37	331.3	10.78
193.4	14.49	228.3	13.36	262.9	12.39	297.5	11.37	331.9	10.76
194.1	14.46	228.9	13.33	263.6	12.38	298.1	11.36	332.5	10.77
194.7	14.43	229.5	13.32	264.2	12.38	298.7	11.36	333.2	10.72
195.3	14.38	230.1	13.31	264.8	12.36	299.4	11.36	333.8	10.69
196.0	14.35	230.8	13.30	265.5	12.33	300.0	11.35	334.4	10.67
196.6	14.34	231.4	13.28	266.1	12.32	300.6	11.34	335.0	10.64
197.2	14.34	232.0	13.28	266.7	12.29	301.2	11.33	335.7	10.60
197.9	14.33	232.7	13.27	267.3	12.27	301.9	11.32	336.3	10.58
198.5	14.34	233.3	13.26	268.0	12.24	302.5	11.32	336.9	10.57
199.1	14.33	233.9	13.26	268.6	12.23	303.1	11.31	337.5	10.57
199.8	14.33	234.6	13.24	269.2	12.23	303.8	11.31	338.2	10.55
200.4	14.32	235.2	13.21	269.9	12.22	304.4	11.30	338.8	10.54
201.0	14.31	235.8	13.21	270.5	12.20	305.0	11.30	339.4	10.52
201.7	14.30	236.5	13.21	271.1	12.19	305.6	11.29	340.0	10.50
202.3	14.27	237.1	13.21	271.7	12.16	306.3	11.28	340.6	10.50
202.9	14.24	237.7	13.20	272.4	12.13	306.9	11.25	341.3	10.48
203.6	14.22	238.4	13.19	273.0	12.11	307.5	11.24	341.9	10.44
204.2	14.21	239.0	13.18	273.6	12.08	308.1	11.23	342.5	10.42
204.8	14.20	239.6	13.15	274.3	12.07	308.8	11.22	343.1	10.42
205.5	14.20	240.2	13.13	274.9	12.06	309.4	11.22	343.8	10.41
206.1	14.19	240.9	13.11	275.5	12.05	310.0	11.22	344.4	10.40
206.7	14.18	241.5	13.08	276.1	12.05	310.6	11.22	345.0	10.39
207.4	14.15	242.1	13.07	276.8	12.04	311.3	11.21	345.6	10.39

346.3	10.39	380.5	9.75	414.6	9.07	448.6	8.67	482.4	8.14
346.9	10.38	381.1	9.74	415.2	9.06	449.2	8.67	483.0	8.11
347.5	10.37	381.7	9.72	415.8	9.06	449.8	8.65	483.7	8.08
348.1	10.36	382.4	9.70	416.5	9.06	450.4	8.63	484.3	8.07
348.8	10.35	383.0	9.69	417.1	9.06	451.0	8.62	484.9	8.06
349.4	10.35	383.6	9.67	417.7	9.06	451.7	8.63	485.5	8.05
350.0	10.32	384.2	9.66	418.3	9.05	452.3	8.62	486.1	8.04
350.6	10.29	384.8	9.65	418.9	9.04	452.9	8.62	486.7	8.03
351.3	10.27	385.5	9.62	419.6	9.04	453.5	8.62	487.3	8.03
351.9	10.26	386.1	9.60	420.2	9.03	454.1	8.61	487.9	8.04
352.5	10.24	386.7	9.58	420.8	9.02	454.7	8.61	488.6	8.04
353.1	10.24	387.3	9.56	421.4	8.99	455.4	8.61	489.2	8.01
353.7	10.24	388.	9.56	422.0	8.98	456.0	8.60	489.8	8.01
354.4	10.24	388.6	9.55	422.6	8.98	456.6	8.58	490.4	8.00
355.0	10.22	389.2	9.54	423.3	8.97	457.2	8.58	491.0	8.00
355.6	10.21	389.8	9.53	423.9	8.96	457.8	8.57	491.6	8.00
356.2	10.21	390.4	9.51	424.5	8.96	458.4	8.57	492.2	8.00
356.9	10.20	391.1	9.50	425.1	8.95	459.1	8.56	492.9	8.00
357.5	10.18	391.7	9.50	425.7	8.95	459.7	8.56	493.5	7.99
358.1	10.17	392.3	9.48	426.4	8.94	460.3	8.55	494.1	7.99
358.7	10.18	392.9	9.48	427.0	8.94	460.9	8.53	494.7	7.98
359.4	10.17	393.5	9.47	427.6	8.94	461.5	8.52	495.3	7.97
360.0	10.17	394.2	9.43	428.2	8.93	462.1	8.52	495.9	7.98
360.6	10.14	394.8	9.42	428.8	8.93	462.7	8.51	496.5	7.96
361.2	10.12	395.4	9.41	429.4	8.93	463.4	8.50	497.1	7.96
361.8	10.10	396.0	9.40	430.1	8.92	464.0	8.48	497.8	7.95
362.5	10.08	396.6	9.38	430.7	8.91	464.6	8.47	498.4	7.95
363.1	10.08	397.3	9.37	431.3	8.89	465.2	8.46	499.0	7.94
363.7	10.07	397.9	9.35	431.9	8.88	465.8	8.45	499.6	7.94
364.3	10.06	398.5	9.32	432.5	8.86	466.4	8.44	500.2	7.94
365.	10.07	399.1	9.31	433.2	8.85	467.1	8.42	500.8	7.94
365.6	10.06	399.7	9.30	433.8	8.84	467.7	8.40	501.4	7.93
366.2	10.04	400.4	9.29	434.4	8.84	468.3	8.39	502.1	7.92
366.8	10.03	401.0	9.29	435.0	8.84	468.9	8.37	502.7	7.91
367.4	10.02	401.6	9.29	435.6	8.83	469.5	8.35	503.3	7.90
368.1	10.00	402.2	9.27	436.2	8.82	470.1	8.35	503.9	7.89
368.7	9.99	402.8	9.27	436.9	8.82	470.7	8.35	504.5	7.88
369.3	9.96	403.5	9.26	437.5	8.81	471.4	8.34	505.1	7.88
369.9	9.97	404.1	9.23	438.1	8.81	472.0	8.34	505.7	7.87
370.6	9.96	404.7	9.23	438.7	8.81	472.6	8.33	506.3	7.87
371.2	9.96	405.3	9.22	439.3	8.80	473.2	8.31	507.	7.86
371.8	9.95	405.9	9.21	439.9	8.78	473.8	8.30	507.6	7.85
372.4	9.94	406.6	9.21	440.6	8.78	474.4	8.29	508.2	7.84
373.0	9.93	407.2	9.21	441.2	8.78	475.0	8.28	508.8	7.83
373.7	9.90	407.8	9.20	441.8	8.78	475.7	8.27	509.4	7.83
374.3	9.89	408.4	9.19	442.4	8.78	476.3	8.26	510.0	7.82
374.9	9.87	409.0	9.18	443.0	8.78	476.9	8.24	510.6	7.81
375.5	9.83	409.7	9.16	443.6	8.77	477.5	8.22	511.2	7.81
376.1	9.82	410.3	9.15	444.3	8.76	478.1	8.22	511.9	7.81
376.8	9.81	410.9	9.13	444.9	8.76	478.7	8.21	512.5	7.80
377.4	9.79	411.5	9.12	445.5	8.73	479.4	8.20	513.1	7.79
378.0	9.79	412.1	9.10	446.1	8.71	480.0	8.18	513.7	7.78
378.6	9.78	412.7	9.09	446.7	8.70	480.6	8.17	514.3	7.78
379.3	9.78	413.4	9.08	447.3	8.70	481.2	8.16	514.9	7.78
379.9	9.75	414.0	9.08	448.0	8.69	481.8	8.15	515.5	7.78



516.1	7.78	549.7	7.38	583.2	6.99	616.5	6.72	649.7	6.38
516.7	7.78	550.3	7.38	583.8	6.99	617.1	6.72	650.3	6.37
517.4	7.77	550.9	7.38	584.4	6.98	617.7	6.72	650.9	6.38
518.0	7.75	551.5	7.36	585.0	6.97	618.3	6.71	651.5	6.36
518.6	7.74	552.2	7.36	585.6	6.98	618.9	6.68	652.1	6.35
519.2	7.73	552.8	7.36	586.2	6.98	619.5	6.68	652.7	6.36
519.8	7.72	553.4	7.34	586.8	6.97	620.1	6.68	653.3	6.35
520.4	7.70	554.0	7.34	587.4	6.97	620.7	6.67	653.9	6.35
521.0	7.69	554.6	7.33	588.0	6.96	621.3	6.67	654.5	6.35
521.6	7.69	555.2	7.33	588.6	6.94	621.9	6.66	655.1	6.34
522.3	7.69	555.8	7.33	589.2	6.93	622.5	6.66	655.7	6.33
522.9	7.69	556.4	7.32	589.8	6.93	623.1	6.64	656.3	6.33
523.5	7.68	557.0	7.32	590.5	6.93	623.7	6.64	656.9	6.33
524.1	7.69	557.6	7.31	591.1	6.93	624.3	6.63	657.5	6.32
524.7	7.67	558.2	7.30	591.7	6.93	625.	6.61	658.1	6.32
525.3	7.67	558.9	7.29	592.3	6.92	625.6	6.60	658.7	6.32
525.9	7.66	559.5	7.27	592.9	6.92	626.2	6.59	659.3	6.31
526.5	7.65	560.1	7.27	593.5	6.91	626.8	6.58	659.9	6.30
527.1	7.65	560.7	7.26	594.1	6.91	627.4	6.57	660.5	6.29
527.8	7.64	561.3	7.25	594.7	6.90	628.0	6.57	661.1	6.28
528.4	7.64	561.9	7.24	595.3	6.89	628.6	6.56	661.7	6.29
529.0	7.63	562.5	7.22	595.9	6.88	629.2	6.56	662.3	6.28
529.6	7.63	563.1	7.21	596.5	6.89	629.8	6.54	662.9	6.28
530.2	7.62	563.7	7.20	597.1	6.88	630.4	6.53	663.5	6.28
530.8	7.62	564.3	7.20	597.7	6.87	631.0	6.53	664.1	6.27
531.4	7.61	564.9	7.19	598.3	6.86	631.6	6.53	664.7	6.27
532.0	7.60	565.5	7.19	598.9	6.85	632.2	6.53	665.3	6.27
532.6	7.59	566.2	7.18	599.5	6.85	632.8	6.52	665.9	6.27
533.2	7.58	566.8	7.18	600.1	6.85	633.4	6.52	666.5	6.27
533.9	7.58	567.4	7.18	600.8	6.85	634.0	6.52	667.1	6.27
534.5	7.57	568.0	7.16	601.4	6.84	634.6	6.51	667.7	6.26
535.1	7.57	568.6	7.16	602.0	6.83	635.2	6.50	668.3	6.25
535.7	7.57	569.2	7.15	602.6	6.83	635.8	6.49	668.9	6.25
536.3	7.57	569.8	7.14	603.2	6.82	636.4	6.48	669.5	6.24
536.9	7.57	570.4	7.12	603.8	6.81	637.0	6.48	670.1	6.24
537.5	7.57	571.0	7.11	604.4	6.81	637.6	6.48	670.7	6.24
538.1	7.57	571.6	7.09	605.0	6.81	638.2	6.47	671.3	6.24
538.7	7.55	572.2	7.08	605.6	6.81	638.8	6.47	671.9	6.23
539.4	7.55	572.8	7.08	606.2	6.80	639.4	6.46	672.5	6.22
540.0	7.54	573.5	7.08	606.8	6.79	640.0	6.46	673.1	6.22
540.6	7.53	574.1	7.07	607.4	6.79	640.6	6.46	673.7	6.21
541.2	7.53	574.7	7.07	608.0	6.78	641.2	6.45	674.3	6.21
541.8	7.52	575.3	7.06	608.6	6.79	641.8	6.44	674.9	6.21
542.4	7.52	575.9	7.05	609.2	6.78	642.5	6.44	675.5	6.21
543.0	7.48	576.5	7.05	609.8	6.78	643.1	6.43	676.1	6.20
543.6	7.47	577.1	7.05	610.4	6.77	643.7	6.43	676.7	6.21
544.2	7.46	577.7	7.04	611.0	6.77	644.3	6.43	677.3	6.20
544.8	7.45	578.3	7.03	611.7	6.75	644.9	6.43	677.9	6.20
545.5	7.45	578.9	7.03	612.3	6.75	645.5	6.42	678.5	6.20
546.1	7.44	579.5	7.02	612.9	6.74	646.1	6.42	679.1	6.20
546.7	7.43	580.1	7.02	613.5	6.74	646.7	6.42	679.7	6.19
547.3	7.42	580.7	7.02	614.1	6.74	647.3	6.41	680.3	6.19
547.9	7.40	581.3	7.02	614.7	6.73	647.9	6.41	680.9	6.19
548.5	7.40	582.	7.01	615.3	6.73	648.5	6.41	681.5	6.18
549.1	7.39	582.6	7.01	615.9	6.73	649.1	6.39	682.1	6.17

682.7	6.17	715.7	5.96	748.5	5.74
683.3	6.17	716.3	5.96	749.1	5.73
683.9	6.16	716.9	5.95	749.7	5.74
684.5	6.16	717.5	5.95	750.3	5.73
685.1	6.15	718.1	5.95	750.8	5.72
685.7	6.15	718.7	5.95	751.4	5.72
686.3	6.15	719.3	5.94	752.0	5.71
686.9	6.15	719.9	5.93	752.6	5.71
687.5	6.16	720.4	5.93	753.2	5.72
688.1	6.15	721.0	5.93	753.8	5.71
688.7	6.14	721.6	5.92	754.4	5.71
689.3	6.14	722.2	5.93	755.0	5.71
689.9	6.13	722.8	5.92	755.6	5.70
690.5	6.13	723.4	5.92	756.2	5.70
691.1	6.13	724.0	5.91	756.8	5.69
691.7	6.12	724.6	5.91	757.4	5.70
692.3	6.11	725.2	5.90	758.0	5.69
692.9	6.11	725.8	5.90	758.6	5.69
693.5	6.11	726.4	5.89	759.2	5.69
694.1	6.10	727.0	5.88	759.8	5.69
694.7	6.10	727.6	5.88	760.	5.68
695.3	6.09	728.2	5.88		
695.9	6.09	728.8	5.87		
696.5	6.08	729.4	5.86		
697.1	6.07	730.0	5.86		
697.7	6.07	730.6	5.87		
698.3	6.07	731.2	5.86		
698.9	6.06	731.8	5.85		
699.5	6.06	732.4	5.85		
700.1	6.06	733.0	5.85		
700.7	6.05	733.6	5.84		
701.3	6.05	734.2	5.84		
701.9	6.04	734.8	5.83		
702.5	6.04	735.4	5.82		
703.1	6.04	736.	5.81		
703.7	6.03	736.6	5.80		
704.3	6.03	737.2	5.80		
704.9	6.03	737.7	5.79		
705.5	6.03	738.3	5.80		
706.1	6.03	738.9	5.79		
706.7	6.02	739.5	5.79		
707.3	6.01	740.1	5.79		
707.9	6.01	740.7	5.79		
708.5	6.00	741.3	5.79		
709.1	6.00	741.9	5.78		
709.7	6.00	742.5	5.78		
710.3	6.00	743.1	5.78		
710.9	6.00	743.7	5.77		
711.5	5.99	744.3	5.78		
712.1	5.99	744.9	5.76		
712.7	5.99	745.5	5.76		
713.3	5.98	746.1	5.75		
713.9	5.98	746.7	5.76		
714.5	5.98	747.3	5.76		
715.1	5.97	747.9	5.74		

Date of Launch	:	08/18/94	32.3	29.54	67.7	21.91	103.	19.14	138.1	16.69	
Time of Launch	:	18:52:15	32.9	29.48	68.3	21.88	103.6	19.08	138.7	16.68	
Sequence #	:	8	33.5	29.37	69.0	21.83	104.2	19.04	139.4	16.64	
Latitude	:	26 19.020 N	34.2	29.31	69.6	21.79	104.9	19.01	140.0	16.58	
Longitude	:	92 00.109 W	34.8	29.01	70.2	21.74	105.5	18.94	140.7	16.55	
			35.5	28.28	70.9	21.63	106.2	18.82	141.3	16.52	
		0.6	29.21	36.1	27.79	71.5	21.56	106.8	18.76	141.9	16.48
		1.2	29.69	36.8	27.50	72.2	21.43	107.4	18.72	142.6	16.45
	:	1.9	29.75	37.4	27.34	72.8	21.31	108.1	18.66	143.2	16.43
		2.5	29.67	38.1	27.27	73.5	21.23	108.7	18.64	143.8	16.42
		3.2	29.63	38.7	27.15	74.1	21.20	109.4	18.63	144.5	16.41
		3.8	29.61	39.3	27.03	74.7	21.17	110.0	18.55	145.1	16.39
		4.5	29.60	40.0	26.82	75.4	21.09	110.6	18.46	145.8	16.36
		5.1	29.59	40.6	26.52	76.0	20.96	111.3	18.40	146.4	16.33
		5.8	29.57	41.3	26.27	76.7	20.85	111.9	18.36	147.0	16.28
		6.4	29.57	41.9	26.17	77.3	20.78	112.6	18.33	147.7	16.25
		7.1	29.56	42.6	26.09	77.9	20.74	113.2	18.26	148.3	16.20
		7.7	29.57	43.2	25.95	78.6	20.69	113.8	18.22	148.9	16.16
		8.4	29.58	43.9	25.76	79.2	20.65	114.5	18.20	149.6	16.11
		9.0	29.57	44.5	25.49	79.9	20.60	115.1	18.18	150.2	16.07
		9.7	29.57	45.1	25.12	80.5	20.51	115.8	18.14	150.9	16.03
		10.3	29.57	45.8	24.80	81.2	20.48	116.4	18.07	151.5	15.97
		10.9	29.56	46.4	24.65	81.8	20.47	117.0	18.02	152.1	15.94
		11.6	29.56	47.1	24.58	82.4	20.46	117.7	17.94	152.8	15.91
		12.2	29.56	47.7	24.43	83.1	20.40	118.3	17.89	153.4	15.86
		12.9	29.57	48.4	24.25	83.7	20.34	118.9	17.85	154.0	15.80
		13.5	29.56	49.0	24.10	84.4	20.28	119.6	17.84	154.7	15.74
		14.2	29.56	49.7	24.01	85.0	20.24	120.2	17.81	155.3	15.70
		14.8	29.56	50.3	23.86	85.6	20.18	120.9	17.77	155.9	15.66
		15.5	29.56	50.9	23.72	86.3	20.06	121.5	17.75	156.6	15.61
	:	16.1	29.57	51.6	23.57	86.9	20.01	122.1	17.73	157.2	15.56
		16.8	29.56	52.2	23.47	87.6	19.96	122.8	17.67	157.9	15.52
		17.4	29.57	52.9	23.41	88.2	19.92	123.4	17.64	158.5	15.47
		18.1	29.57	53.5	23.35	88.9	19.86	124.1	17.63	159.1	15.44
		18.7	29.57	54.2	23.29	89.5	19.79	124.7	17.61	159.8	15.39
		19.3	29.57	54.8	23.22	90.1	19.74	125.3	17.59	160.4	15.36
		20.0	29.58	55.4	23.15	90.8	19.72	126.0	17.56	161.0	15.34
		20.6	29.59	56.1	23.11	91.4	19.71	126.6	17.53	161.7	15.30
		21.3	29.60	56.7	23.09	92.1	19.68	127.3	17.51	162.3	15.27
		21.9	29.59	57.4	23.03	92.7	19.67	127.9	17.46	163.	15.22
		22.6	29.59	58.0	22.98	93.3	19.59	128.5	17.39	163.6	15.19
		23.2	29.59	58.7	22.94	94.0	19.52	129.2	17.36	164.2	15.16
		23.9	29.59	59.3	22.87	94.6	19.47	129.8	17.31	164.9	15.13
		24.5	29.59	60.0	22.80	95.3	19.45	130.4	17.28	165.5	15.11
		25.2	29.58	60.6	22.75	95.9	19.44	131.1	17.25	166.1	15.11
		25.8	29.58	61.2	22.62	96.5	19.39	131.7	17.24	166.8	15.10
		26.4	29.57	61.9	22.51	97.2	19.36	132.4	17.19	167.4	15.09
		27.1	29.56	62.5	22.42	97.8	19.35	133.0	17.13	168.0	15.08
		27.7	29.55	63.2	22.31	98.5	19.34	133.6	17.07	168.7	15.04
		28.4	29.56	63.8	22.24	99.1	19.34	134.3	17.00	169.3	15.01
		29.0	29.54	64.5	22.19	99.7	19.34	134.9	16.98	169.9	14.96
		29.7	29.52	65.1	22.17	100.4	19.30	135.6	16.97	170.6	14.93
	:	30.3	29.48	65.7	22.14	101.0	19.27	136.2	16.91	171.2	14.90
		31.0	29.47	66.4	22.10	101.7	19.23	136.8	16.81	171.9	14.88
		31.6	29.48	67.0	22.02	102.3	19.20	137.5	16.73	172.5	14.86

173.1	14.84	208.0	13.65	242.8	12.43	277.4	11.54	311.9	10.60
173.8	14.83	208.6	13.62	243.4	12.43	278.0	11.51	312.5	10.56
174.4	14.80	209.3	13.60	244.0	12.42	278.7	11.47	313.1	10.54
175.0	14.78	209.9	13.58	244.7	12.41	279.3	11.46	313.8	10.54
175.7	14.74	210.5	13.56	245.3	12.40	279.9	11.44	314.4	10.52
176.3	14.69	211.2	13.54	245.9	12.39	280.5	11.42	315.0	10.51
176.9	14.66	211.8	13.51	246.6	12.37	281.2	11.40	315.7	10.49
177.6	14.65	212.4	13.49	247.2	12.36	281.8	11.39	316.3	10.46
178.2	14.64	213.1	13.46	247.8	12.34	282.4	11.38	316.9	10.44
178.8	14.61	213.7	13.45	248.4	12.32	283.1	11.36	317.5	10.42
179.5	14.58	214.3	13.43	249.1	12.30	283.7	11.34	318.2	10.40
180.1	14.57	215.0	13.40	249.7	12.29	284.3	11.33	318.8	10.37
180.7	14.55	215.6	13.38	250.3	12.27	284.9	11.32	319.4	10.35
181.4	14.53	216.2	13.36	251.0	12.24	285.6	11.32	320.0	10.34
182.0	14.51	216.9	13.34	251.6	12.23	286.2	11.28	320.7	10.34
182.7	14.47	217.5	13.33	252.2	12.22	286.8	11.26	321.3	10.34
183.3	14.44	218.1	13.31	252.9	12.21	287.4	11.22	321.9	10.32
183.9	14.43	218.8	13.30	253.5	12.19	288.1	11.19	322.5	10.30
184.6	14.39	219.4	13.29	254.1	12.15	288.7	11.19	323.2	10.27
185.2	14.38	220.0	13.28	254.7	12.13	289.3	11.17	323.8	10.26
185.8	14.37	220.7	13.28	255.4	12.10	290.	11.16	324.4	10.25
186.5	14.36	221.3	13.26	256.0	12.07	290.6	11.16	325.0	10.23
187.1	14.34	221.9	13.24	256.6	12.04	291.2	11.15	325.7	10.22
187.7	14.33	222.6	13.21	257.3	12.00	291.8	11.13	326.3	10.22
188.4	14.30	223.2	13.17	257.9	11.97	292.5	11.11	326.9	10.21
189.0	14.28	223.8	13.10	258.5	11.96	293.1	11.11	327.5	10.20
189.6	14.25	224.5	13.07	259.2	11.96	293.7	11.09	328.2	10.17
190.3	14.22	225.1	13.04	259.8	11.95	294.4	11.08	328.8	10.15
190.9	14.20	225.7	13.03	260.4	11.93	295.0	11.07	329.4	10.15
191.5	14.17	226.4	13.02	261.0	11.91	295.6	11.04	330.0	10.14
192.2	14.15	227.0	13.02	261.7	11.90	296.2	11.03	330.7	10.14
192.8	14.13	227.6	13.00	262.3	11.88	296.9	11.01	331.3	10.13
193.4	14.11	228.3	12.97	262.9	11.86	297.5	10.99	331.9	10.11
194.1	14.09	228.9	12.96	263.6	11.84	298.1	10.99	332.5	10.10
194.7	14.06	229.5	12.92	264.2	11.82	298.7	10.98	333.2	10.09
195.3	14.03	230.1	12.87	264.8	11.82	299.4	10.97	333.8	10.08
196.0	14.03	230.8	12.80	265.5	11.82	300.0	10.95	334.4	10.05
196.6	13.98	231.4	12.73	266.1	11.83	300.6	10.93	335.0	10.02
197.2	13.96	232.0	12.70	266.7	11.82	301.2	10.91	335.7	9.99
197.9	13.93	232.7	12.68	267.3	11.81	301.9	10.89	336.3	9.98
198.5	13.90	233.3	12.67	268.0	11.80	302.5	10.87	336.9	9.97
199.1	13.89	233.9	12.68	268.6	11.80	303.1	10.84	337.5	9.96
199.8	13.85	234.6	12.69	269.2	11.78	303.8	10.81	338.2	9.93
200.4	13.83	235.2	12.67	269.9	11.77	304.4	10.79	338.8	9.90
201.0	13.82	235.8	12.65	270.5	11.76	305.0	10.77	339.4	9.87
201.7	13.81	236.5	12.64	271.1	11.73	305.6	10.75	340.0	9.85
202.3	13.79	237.1	12.62	271.7	11.70	306.3	10.74	340.6	9.84
202.9	13.76	237.7	12.59	272.4	11.63	306.9	10.73	341.3	9.84
203.6	13.72	238.4	12.55	273.0	11.60	307.5	10.72	341.9	9.82
204.2	13.68	239.0	12.52	273.6	11.60	308.1	10.71	342.5	9.80
204.8	13.67	239.6	12.50	274.3	11.59	308.8	10.69	343.1	9.79
205.5	13.67	240.2	12.47	274.9	11.58	309.4	10.67	343.8	9.79
206.1	13.67	240.9	12.47	275.5	11.58	310.0	10.65	344.4	9.78
206.7	13.67	241.5	12.46	276.1	11.58	310.6	10.63	345.0	9.78
207.4	13.67	242.1	12.44	276.8	11.57	311.3	10.61	345.6	9.76

346.3	9.75	380.5	9.21	414.6	8.72	448.6	8.27	482.4	7.69
346.9	9.73	381.1	9.21	415.2	8.71	449.2	8.26	483.0	7.69
347.5	9.74	381.7	9.20	415.8	8.69	449.8	8.25	483.7	7.69
348.1	9.72	382.4	9.20	416.5	8.68	450.4	8.21	484.3	7.69
348.8	9.69	383.0	9.18	417.1	8.67	451.0	8.19	484.9	7.70
349.4	9.68	383.6	9.17	417.7	8.66	451.7	8.17	485.5	7.68
350.0	9.67	384.2	9.17	418.3	8.66	452.3	8.16	486.1	7.67
350.6	9.66	384.8	9.16	418.9	8.65	452.9	8.14	486.7	7.63
351.3	9.66	385.5	9.16	419.6	8.65	453.5	8.14	487.3	7.62
351.9	9.65	386.1	9.15	420.2	8.62	454.1	8.11	487.9	7.62
352.5	9.62	386.7	9.14	420.8	8.61	454.7	8.09	488.6	7.61
353.1	9.61	387.3	9.13	421.4	8.62	455.4	8.07	489.2	7.61
353.7	9.60	388.	9.12	422.0	8.61	456.0	8.07	489.8	7.60
354.4	9.59	388.6	9.13	422.6	8.61	456.6	8.06	490.4	7.58
355.0	9.58	389.2	9.11	423.3	8.60	457.2	8.04	491.0	7.56
355.6	9.58	389.8	9.12	423.9	8.60	457.8	8.01	491.6	7.55
356.2	9.57	390.4	9.11	424.5	8.58	458.4	7.99	492.2	7.55
356.9	9.56	391.1	9.11	425.1	8.56	459.1	7.99	492.9	7.54
357.5	9.55	391.7	9.12	425.7	8.56	459.7	7.99	493.5	7.54
358.1	9.54	392.3	9.11	426.4	8.53	460.3	7.99	494.1	7.54
358.7	9.53	392.9	9.09	427.0	8.53	460.9	7.99	494.7	7.54
359.4	9.53	393.5	9.05	427.6	8.53	461.5	7.98	495.3	7.54
360.0	9.53	394.2	9.03	428.2	8.51	462.1	7.98	495.9	7.53
360.6	9.52	394.8	9.01	428.8	8.51	462.7	7.97	496.5	7.52
361.2	9.50	395.4	9.01	429.4	8.50	463.4	7.96	497.1	7.51
361.8	9.49	396.0	9.00	430.1	8.49	464.0	7.95	497.8	7.50
362.5	9.46	396.6	8.99	430.7	8.50	464.6	7.93	498.4	7.48
363.1	9.45	397.3	8.97	431.3	8.49	465.2	7.91	499.0	7.48
363.7	9.44	397.9	8.98	431.9	8.48	465.8	7.90	499.6	7.47
364.3	9.44	398.5	8.97	432.5	8.47	466.4	7.90	500.2	7.46
365.	9.43	399.1	8.96	433.2	8.48	467.1	7.90	500.8	7.46
365.6	9.42	399.7	8.95	433.8	8.46	467.7	7.88	501.4	7.46
366.2	9.41	400.4	8.93	434.4	8.45	468.3	7.86	502.1	7.44
366.8	9.41	401.0	8.91	435.0	8.44	468.9	7.85	502.7	7.43
367.4	9.41	401.6	8.90	435.6	8.44	469.5	7.84	503.3	7.42
368.1	9.40	402.2	8.89	436.2	8.45	470.1	7.83	503.9	7.41
368.7	9.40	402.8	8.90	436.9	8.44	470.7	7.83	504.5	7.41
369.3	9.40	403.5	8.89	437.5	8.44	471.4	7.83	505.1	7.41
369.9	9.38	404.1	8.87	438.1	8.44	472.0	7.82	505.7	7.41
370.6	9.39	404.7	8.86	438.7	8.44	472.6	7.82	506.3	7.41
371.2	9.38	405.3	8.85	439.3	8.44	473.2	7.81	507.	7.38
371.8	9.38	405.9	8.84	439.9	8.43	473.8	7.80	507.6	7.36
372.4	9.37	406.6	8.84	440.6	8.42	474.4	7.79	508.2	7.34
373.0	9.37	407.2	8.83	441.2	8.40	475.0	7.79	508.8	7.33
373.7	9.36	407.8	8.84	441.8	8.39	475.7	7.77	509.4	7.30
374.3	9.35	408.4	8.83	442.4	8.37	476.3	7.77	510.0	7.28
374.9	9.34	409.0	8.82	443.0	8.36	476.9	7.76	510.6	7.27
375.5	9.33	409.7	8.80	443.6	8.34	477.5	7.75	511.2	7.25
376.1	9.33	410.3	8.78	444.3	8.32	478.1	7.74	511.9	7.24
376.8	9.33	410.9	8.76	444.9	8.31	478.7	7.73	512.5	7.24
377.4	9.30	411.5	8.75	445.5	8.30	479.4	7.72	513.1	7.23
378.0	9.28	412.1	8.75	446.1	8.30	480.0	7.73	513.7	7.21
378.6	9.25	412.7	8.74	446.7	8.29	480.6	7.70	514.3	7.20
379.3	9.24	413.4	8.74	447.3	8.28	481.2	7.70	514.9	7.19
379.9	9.22	414.0	8.72	448.0	8.28	481.8	7.70	515.5	7.19

516.1	7.19	549.7	6.81	583.2	6.49	616.5	6.27	649.7	6.02
516.7	7.17	550.3	6.81	583.8	6.50	617.1	6.26	650.3	6.01
517.4	7.16	550.9	6.80	584.4	6.48	617.7	6.26	650.9	6.00
518.0	7.15	551.5	6.78	585.0	6.48	618.3	6.26	651.5	6.00
518.6	7.14	552.2	6.78	585.6	6.48	618.9	6.25	652.1	5.99
519.2	7.13	552.8	6.78	586.2	6.47	619.5	6.24	652.7	5.99
519.8	7.12	553.4	6.78	586.8	6.46	620.1	6.23	653.3	5.99
520.4	7.11	554.0	6.77	587.4	6.46	620.7	6.22	653.9	5.98
521.0	7.11	554.6	6.77	588.0	6.46	621.3	6.22	654.5	5.97
521.6	7.09	555.2	6.76	588.6	6.46	621.9	6.22	655.1	5.97
522.3	7.08	555.8	6.76	589.2	6.45	622.5	6.22	655.7	5.97
522.9	7.08	556.4	6.76	589.8	6.45	623.1	6.22	656.3	5.95
523.5	7.08	557.0	6.75	590.5	6.46	623.7	6.21	656.9	5.95
524.1	7.08	557.6	6.73	591.1	6.45	624.3	6.21	657.5	5.94
524.7	7.07	558.2	6.72	591.7	6.44	625.	6.21	658.1	5.94
525.3	7.07	558.9	6.71	592.3	6.44	625.6	6.19	658.7	5.94
525.9	7.06	559.5	6.70	592.9	6.44	626.2	6.18	659.3	5.94
526.5	7.05	560.1	6.69	593.5	6.43	626.8	6.19	659.9	5.94
527.1	7.03	560.7	6.68	594.1	6.42	627.4	6.18	660.5	5.93
527.8	7.02	561.3	6.68	594.7	6.42	628.0	6.17	661.1	5.92
528.4	7.02	561.9	6.68	595.3	6.42	628.6	6.17	661.7	5.92
529.0	7.00	562.5	6.68	595.9	6.41	629.2	6.16	662.3	5.91
529.6	7.00	563.1	6.68	596.5	6.41	629.8	6.16	662.9	5.92
530.2	6.99	563.7	6.68	597.1	6.41	630.4	6.16	663.5	5.91
530.8	6.99	564.3	6.66	597.7	6.40	631.0	6.15	664.1	5.91
531.4	6.99	564.9	6.65	598.3	6.39	631.6	6.14	664.7	5.91
532.0	6.99	565.5	6.65	598.9	6.38	632.2	6.14	665.3	5.91
532.6	6.98	566.2	6.63	599.5	6.39	632.8	6.14	665.9	5.90
533.2	6.97	566.8	6.62	600.1	6.37	633.4	6.14	666.5	5.90
533.9	6.96	567.4	6.61	600.8	6.37	634.0	6.12	667.1	5.90
534.5	6.96	568.0	6.61	601.4	6.37	634.6	6.11	667.7	5.90
535.1	6.95	568.6	6.60	602.0	6.37	635.2	6.11	668.3	5.89
535.7	6.95	569.2	6.60	602.6	6.37	635.8	6.10	668.9	5.89
536.3	6.93	569.8	6.59	603.2	6.36	636.4	6.10	669.5	5.88
536.9	6.92	570.4	6.59	603.8	6.36	637.0	6.09	670.1	5.87
537.5	6.92	571.0	6.60	604.4	6.36	637.6	6.08	670.7	5.88
538.1	6.92	571.6	6.58	605.0	6.35	638.2	6.08	671.3	5.87
538.7	6.91	572.2	6.58	605.6	6.35	638.8	6.08	671.9	5.86
539.4	6.92	572.8	6.58	606.2	6.34	639.4	6.08	672.5	5.86
540.0	6.90	573.5	6.57	606.8	6.33	640.0	6.08	673.1	5.86
540.6	6.90	574.1	6.56	607.4	6.33	640.6	6.08	673.7	5.84
541.2	6.90	574.7	6.56	608.0	6.32	641.2	6.08	674.3	5.83
541.8	6.90	575.3	6.55	608.6	6.31	641.8	6.08	674.9	5.82
542.4	6.89	575.9	6.54	609.2	6.32	642.5	6.08	675.5	5.82
543.0	6.88	576.5	6.54	609.8	6.31	643.1	6.08	676.1	5.82
543.6	6.87	577.1	6.53	610.4	6.30	643.7	6.08	676.7	5.82
544.2	6.87	577.7	6.54	611.0	6.30	644.3	6.08	677.3	5.82
544.8	6.87	578.3	6.53	611.7	6.29	644.9	6.07	677.9	5.81
545.5	6.86	578.9	6.53	612.3	6.29	645.5	6.08	678.5	5.81
546.1	6.86	579.5	6.51	612.9	6.29	646.1	6.07	679.1	5.80
546.7	6.86	580.1	6.51	613.5	6.28	646.7	6.07	679.7	5.80
547.3	6.84	580.7	6.50	614.1	6.27	647.3	6.06	680.3	5.80
547.9	6.83	581.3	6.49	614.7	6.27	647.9	6.05	680.9	5.80
548.5	6.83	582.	6.50	615.3	6.27	648.5	6.05	681.5	5.80
549.1	6.81	582.6	6.49	615.9	6.27	649.1	6.03	682.1	5.79

682.7	5.79	715.7	5.64	748.5	5.46
683.3	5.78	716.3	5.64	749.1	5.46
683.9	5.79	716.9	5.64	749.7	5.46
684.5	5.78	717.5	5.63	750.3	5.46
685.1	5.78	718.1	5.63	750.8	5.45
685.7	5.77	718.7	5.62	751.4	5.45
686.3	5.76	719.3	5.62	752.0	5.45
686.9	5.76	719.9	5.61	752.6	5.45
687.5	5.76	720.4	5.61	753.2	5.44
688.1	5.75	721.0	5.61	753.8	5.43
688.7	5.76	721.6	5.60	754.4	5.43
689.3	5.76	722.2	5.60	755.0	5.42
689.9	5.76	722.8	5.60	755.6	5.42
690.5	5.75	723.4	5.60	756.2	5.42
691.1	5.75	724.0	5.59	756.8	5.42
691.7	5.76	724.6	5.59	757.4	5.42
692.3	5.75	725.2	5.58	758.0	5.42
692.9	5.75	725.8	5.58	758.6	5.42
693.5	5.74	726.4	5.57	759.2	5.41
694.1	5.74	727.0	5.58	759.8	5.41
694.7	5.74	727.6	5.57	760.	5.41
695.3	5.74	728.2	5.57		
695.9	5.72	728.8	5.57		
696.5	5.72	729.4	5.57		
697.1	5.72	730.0	5.57		
697.7	5.72	730.6	5.56		
698.3	5.71	731.2	5.56		
698.9	5.70	731.8	5.54		
699.5	5.70	732.4	5.54		
700.1	5.70	733.0	5.53		
700.7	5.69	733.6	5.54		
701.3	5.69	734.2	5.52		
701.9	5.70	734.8	5.53		
702.5	5.68	735.4	5.53		
703.1	5.68	736.	5.53		
703.7	5.68	736.6	5.53		
704.3	5.68	737.2	5.53		
704.9	5.67	737.7	5.52		
705.5	5.68	738.3	5.52		
706.1	5.67	738.9	5.51		
706.7	5.67	739.5	5.51		
707.3	5.66	740.1	5.52		
707.9	5.67	740.7	5.51		
708.5	5.66	741.3	5.51		
709.1	5.66	741.9	5.50		
709.7	5.66	742.5	5.50		
710.3	5.65	743.1	5.50		
710.9	5.66	743.7	5.50		
711.5	5.66	744.3	5.50		
712.1	5.65	744.9	5.49		
712.7	5.66	745.5	5.49		
713.3	5.65	746.1	5.48		
713.9	5.65	746.7	5.48		
714.5	5.65	747.3	5.47		
715.1	5.64	747.9	5.46		

Date of Launch	: 08/18/94	32.3	28.97	67.7	21.96	103.	19.86	138.1	17.06
Time of Launch	: 22:15:59	32.9	28.94	68.3	21.91	103.6	19.83	138.7	16.93
Sequence #	: 9	33.5	28.91	69.0	21.86	104.2	19.79	139.4	16.81
Latitude	: 26 25.809 N	34.2	28.79	69.6	21.82	104.9	19.75	140.0	16.69
Longitude	: 92 32.056 W	34.8	28.70	70.2	21.79	105.5	19.72	140.7	16.60
		35.5	28.31	70.9	21.69	106.2	19.72	141.3	16.57
0.6	29.57	36.1	27.79	71.5	21.61	106.8	19.71	141.9	16.55
1.2	29.94	36.8	27.37	72.2	21.59	107.4	19.64	142.6	16.53
1.9	29.96	37.4	26.96	72.8	21.58	108.1	19.58	143.2	16.47
2.5	29.91	38.1	26.55	73.5	21.49	108.7	19.52	143.8	16.38
3.2	29.71	38.7	26.27	74.1	21.39	109.4	19.48	144.5	16.30
3.8	29.64	39.3	25.82	74.7	21.25	110.0	19.46	145.1	16.24
4.5	29.64	40.0	25.17	75.4	21.18	110.6	19.43	145.8	16.19
5.1	29.60	40.6	24.85	76.0	21.14	111.3	19.39	146.4	16.15
5.8	29.58	41.3	24.61	76.7	21.12	111.9	19.31	147.0	16.12
6.4	29.59	41.9	24.51	77.3	21.10	112.6	19.25	147.7	16.09
7.1	29.59	42.6	24.48	77.9	21.06	113.2	19.23	148.3	16.02
7.7	29.59	43.2	24.46	78.6	20.99	113.8	19.19	148.9	15.90
8.4	29.60	43.9	24.42	79.2	20.97	114.5	19.15	149.6	15.79
9.0	29.59	44.5	24.37	79.9	20.92	115.1	19.10	150.2	15.71
9.7	29.59	45.1	24.33	80.5	20.86	115.8	19.03	150.9	15.64
10.3	29.58	45.8	24.30	81.2	20.83	116.4	18.99	151.5	15.58
10.9	29.59	46.4	24.28	81.8	20.77	117.0	18.97	152.1	15.48
11.6	29.59	47.1	24.25	82.4	20.70	117.7	18.95	152.8	15.41
12.2	29.60	47.7	24.16	83.1	20.65	118.3	18.94	153.4	15.35
12.9	29.62	48.4	24.02	83.7	20.61	118.9	18.85	154.0	15.29
13.5	29.63	49.0	23.95	84.4	20.55	119.6	18.70	154.7	15.24
14.2	29.64	49.7	23.79	85.0	20.52	120.2	18.55	155.3	15.16
14.8	29.64	50.3	23.69	85.6	20.50	120.9	18.48	155.9	15.11
15.5	29.64	50.9	23.62	86.3	20.47	121.5	18.42	156.6	15.06
16.1	29.66	51.6	23.57	86.9	20.47	122.1	18.31	157.2	15.02
16.8	29.67	52.2	23.49	87.6	20.46	122.8	18.20	157.9	14.96
17.4	29.67	52.9	23.45	88.2	20.45	123.4	18.15	158.5	14.91
18.1	29.69	53.5	23.29	88.9	20.45	124.1	18.13	159.1	14.88
18.7	29.70	54.2	23.21	89.5	20.44	124.7	18.10	159.8	14.82
19.3	29.71	54.8	23.17	90.1	20.43	125.3	18.08	160.4	14.80
20.0	29.69	55.4	23.16	90.8	20.42	126.0	18.03	161.0	14.77
20.6	29.68	56.1	23.14	91.4	20.40	126.6	17.97	161.7	14.72
21.3	29.68	56.7	23.12	92.1	20.38	127.3	17.95	162.3	14.67
21.9	29.66	57.4	23.10	92.7	20.35	127.9	17.92	163.	14.65
22.6	29.65	58.0	23.01	93.3	20.31	128.5	17.88	163.6	14.63
23.2	29.61	58.7	22.95	94.0	20.28	129.2	17.78	164.2	14.59
23.9	29.60	59.3	22.86	94.6	20.25	129.8	17.72	164.9	14.56
24.5	29.52	60.0	22.72	95.3	20.18	130.4	17.68	165.5	14.53
25.2	29.49	60.6	22.69	95.9	20.12	131.1	17.64	166.1	14.51
25.8	29.47	61.2	22.67	96.5	20.03	131.7	17.59	166.8	14.46
26.4	29.47	61.9	22.66	97.2	20.01	132.4	17.53	167.4	14.38
27.1	29.44	62.5	22.62	97.8	19.98	133.0	17.50	168.0	14.33
27.7	29.41	63.2	22.54	98.5	19.97	133.6	17.45	168.7	14.30
28.4	29.34	63.8	22.51	99.1	19.97	134.3	17.39	169.3	14.29
29.0	29.29	64.5	22.45	99.7	19.96	134.9	17.31	169.9	14.27
29.7	29.26	65.1	22.38	100.4	19.97	135.6	17.25	170.6	14.24
30.3	29.20	65.7	22.24	101.0	19.96	136.2	17.22	171.2	14.15
31.0	29.14	66.4	22.13	101.7	19.95	136.8	17.19	171.9	14.10
31.6	29.05	67.0	22.02	102.3	19.93	137.5	17.14	172.5	14.06



173.1	13.99	208.0	12.16	242.8	10.86	277.4	10.07	311.9	9.35
173.8	13.95	208.6	12.14	243.4	10.82	278.0	10.04	312.5	9.35
174.4	13.93	209.3	12.11	244.0	10.80	278.7	10.01	313.1	9.34
175.0	13.89	209.9	12.10	244.7	10.79	279.3	9.98	313.8	9.31
175.7	13.85	210.5	12.08	245.3	10.78	279.9	9.95	314.4	9.29
176.3	13.82	211.2	12.06	245.9	10.74	280.5	9.89	315.0	9.29
176.9	13.79	211.8	12.05	246.6	10.72	281.2	9.88	315.7	9.26
177.6	13.77	212.4	12.00	247.2	10.71	281.8	9.86	316.3	9.23
178.2	13.75	213.1	11.97	247.8	10.70	282.4	9.83	316.9	9.22
178.8	13.72	213.7	11.94	248.4	10.68	283.1	9.83	317.5	9.19
179.5	13.68	214.3	11.93	249.1	10.66	283.7	9.83	318.2	9.17
180.1	13.63	215.0	11.92	249.7	10.63	284.3	9.82	318.8	9.14
180.7	13.60	215.6	11.90	250.3	10.59	284.9	9.82	319.4	9.12
181.4	13.56	216.2	11.84	251.0	10.56	285.6	9.82	320.0	9.12
182.0	13.52	216.9	11.80	251.6	10.54	286.2	9.82	320.7	9.09
182.7	13.48	217.5	11.75	252.2	10.54	286.8	9.82	321.3	9.09
183.3	13.44	218.1	11.71	252.9	10.53	287.4	9.81	321.9	9.08
183.9	13.41	218.8	11.69	253.5	10.52	288.1	9.81	322.5	9.08
184.6	13.39	219.4	11.68	254.1	10.50	288.7	9.79	323.2	9.07
185.2	13.37	220.0	11.68	254.7	10.47	289.3	9.78	323.8	9.06
185.8	13.32	220.7	11.67	255.4	10.45	290.	9.77	324.4	9.05
186.5	13.27	221.3	11.64	256.0	10.43	290.6	9.76	325.0	9.03
187.1	13.24	221.9	11.62	256.6	10.42	291.2	9.75	325.7	9.01
187.7	13.21	222.6	11.62	257.3	10.41	291.8	9.73	326.3	8.99
188.4	13.18	223.2	11.59	257.9	10.40	292.5	9.73	326.9	8.98
189.0	13.13	223.8	11.54	258.5	10.37	293.1	9.71	327.5	8.97
189.6	13.10	224.5	11.49	259.2	10.34	293.7	9.69	328.2	8.95
190.3	13.08	225.1	11.47	259.8	10.30	294.4	9.68	328.8	8.94
190.9	13.05	225.7	11.43	260.4	10.27	295.0	9.66	329.4	8.93
191.5	13.03	226.4	11.43	261.0	10.26	295.6	9.64	330.0	8.92
192.2	13.01	227.0	11.41	261.7	10.24	296.2	9.62	330.7	8.92
192.8	12.99	227.6	11.38	262.3	10.23	296.9	9.61	331.3	8.92
193.4	12.98	228.3	11.34	262.9	10.23	297.5	9.61	331.9	8.91
194.1	12.96	228.9	11.31	263.6	10.22	298.1	9.60	332.5	8.92
194.7	12.91	229.5	11.30	264.2	10.21	298.7	9.59	333.2	8.91
195.3	12.86	230.1	11.29	264.8	10.21	299.4	9.59	333.8	8.90
196.0	12.82	230.8	11.27	265.5	10.20	300.0	9.58	334.4	8.89
196.6	12.77	231.4	11.26	266.1	10.20	300.6	9.57	335.0	8.89
197.2	12.73	232.0	11.20	266.7	10.19	301.2	9.55	335.7	8.87
197.9	12.70	232.7	11.14	267.3	10.19	301.9	9.54	336.3	8.86
198.5	12.70	233.3	11.10	268.0	10.19	302.5	9.53	336.9	8.85
199.1	12.70	233.9	11.10	268.6	10.17	303.1	9.52	337.5	8.83
199.8	12.68	234.6	11.10	269.2	10.16	303.8	9.51	338.2	8.82
200.4	12.64	235.2	11.10	269.9	10.15	304.4	9.50	338.8	8.80
201.0	12.59	235.8	11.07	270.5	10.15	305.0	9.50	339.4	8.79
201.7	12.55	236.5	11.06	271.1	10.15	305.6	9.47	340.0	8.79
202.3	12.51	237.1	11.05	271.7	10.15	306.3	9.45	340.6	8.79
202.9	12.46	237.7	11.03	272.4	10.13	306.9	9.42	341.3	8.77
203.6	12.42	238.4	11.01	273.0	10.11	307.5	9.41	341.9	8.75
204.2	12.37	239.0	10.99	273.6	10.10	308.1	9.40	342.5	8.74
204.8	12.35	239.6	10.95	274.3	10.09	308.8	9.39	343.1	8.73
205.5	12.30	240.2	10.95	274.9	10.10	309.4	9.38	343.8	8.72
206.1	12.25	240.9	10.93	275.5	10.08	310.0	9.35	344.4	8.71
206.7	12.20	241.5	10.92	276.1	10.07	310.6	9.34	345.0	8.69
207.4	12.18	242.1	10.89	276.8	10.07	311.3	9.34	345.6	8.69

346.3	8.69	380.5	8.00	414.6	7.77	448.6	7.45	482.4	7.08
346.9	8.68	381.1	7.99	415.2	7.77	449.2	7.44	483.0	7.07
347.5	8.67	381.7	7.99	415.8	7.77	449.8	7.43	483.7	7.07
348.1	8.66	382.4	7.99	416.5	7.77	450.4	7.41	484.3	7.08
348.8	8.65	383.0	7.98	417.1	7.76	451.0	7.41	484.9	7.07
349.4	8.63	383.6	7.96	417.7	7.76	451.7	7.40	485.5	7.06
350.0	8.61	384.2	7.95	418.3	7.77	452.3	7.40	486.1	7.04
350.6	8.59	384.8	7.94	418.9	7.76	452.9	7.40	486.7	7.05
351.3	8.56	385.5	7.92	419.6	7.75	453.5	7.40	487.3	7.04
351.9	8.53	386.1	7.91	420.2	7.74	454.1	7.39	487.9	7.03
352.5	8.51	386.7	7.90	420.8	7.73	454.7	7.39	488.6	7.02
353.1	8.51	387.3	7.90	421.4	7.72	455.4	7.38	489.2	7.03
353.7	8.50	388.	7.91	422.0	7.71	456.0	7.38	489.8	7.02
354.4	8.47	388.6	7.89	422.6	7.71	456.6	7.38	490.4	7.01
355.0	8.45	389.2	7.89	423.3	7.70	457.2	7.37	491.0	7.00
355.6	8.43	389.8	7.88	423.9	7.71	457.8	7.37	491.6	7.00
356.2	8.42	390.4	7.88	424.5	7.70	458.4	7.35	492.2	6.99
356.9	8.41	391.1	7.87	425.1	7.69	459.1	7.34	492.9	6.99
357.5	8.41	391.7	7.88	425.7	7.67	459.7	7.33	493.5	6.98
358.1	8.41	392.3	7.87	426.4	7.67	460.3	7.33	494.1	6.98
358.7	8.41	392.9	7.87	427.0	7.67	460.9	7.31	494.7	6.97
359.4	8.41	393.5	7.87	427.6	7.67	461.5	7.31	495.3	6.96
360.0	8.40	394.2	7.87	428.2	7.66	462.1	7.30	495.9	6.97
360.6	8.40	394.8	7.86	428.8	7.62	462.7	7.29	496.5	6.97
361.2	8.39	395.4	7.87	429.4	7.60	463.4	7.29	497.1	6.97
361.8	8.39	396.0	7.86	430.1	7.60	464.0	7.29	497.8	6.97
362.5	8.38	396.6	7.86	430.7	7.59	464.6	7.28	498.4	6.97
363.1	8.38	397.3	7.86	431.3	7.59	465.2	7.28	499.0	6.96
363.7	8.38	397.9	7.87	431.9	7.58	465.8	7.27	499.6	6.96
364.3	8.37	398.5	7.86	432.5	7.58	466.4	7.26	500.2	6.96
365.	8.35	399.1	7.87	433.2	7.57	467.1	7.25	500.8	6.96
365.6	8.34	399.7	7.87	433.8	7.57	467.7	7.25	501.4	6.96
366.2	8.33	400.4	7.86	434.4	7.56	468.3	7.24	502.1	6.94
366.8	8.31	401.0	7.86	435.0	7.55	468.9	7.24	502.7	6.93
367.4	8.30	401.6	7.86	435.6	7.55	469.5	7.23	503.3	6.91
368.1	8.28	402.2	7.86	436.2	7.55	470.1	7.21	503.9	6.89
368.7	8.27	402.8	7.85	436.9	7.53	470.7	7.19	504.5	6.88
369.3	8.25	403.5	7.85	437.5	7.53	471.4	7.18	505.1	6.87
369.9	8.24	404.1	7.85	438.1	7.51	472.0	7.17	505.7	6.87
370.6	8.24	404.7	7.84	438.7	7.50	472.6	7.16	506.3	6.83
371.2	8.24	405.3	7.84	439.3	7.49	473.2	7.15	507.	6.82
371.8	8.24	405.9	7.84	439.9	7.49	473.8	7.15	507.6	6.81
372.4	8.24	406.6	7.84	440.6	7.48	474.4	7.14	508.2	6.80
373.0	8.21	407.2	7.84	441.2	7.48	475.0	7.13	508.8	6.80
373.7	8.19	407.8	7.82	441.8	7.46	475.7	7.13	509.4	6.80
374.3	8.16	408.4	7.81	442.4	7.47	476.3	7.13	510.0	6.79
374.9	8.16	409.0	7.80	443.0	7.46	476.9	7.12	510.6	6.79
375.5	8.12	409.7	7.80	443.6	7.46	477.5	7.13	511.2	6.80
376.1	8.10	410.3	7.79	444.3	7.46	478.1	7.12	511.9	6.79
376.8	8.09	410.9	7.78	444.9	7.46	478.7	7.12	512.5	6.79
377.4	8.06	411.5	7.78	445.5	7.46	479.4	7.12	513.1	6.79
378.0	8.05	412.1	7.78	446.1	7.45	480.0	7.11	513.7	6.78
378.6	8.04	412.7	7.78	446.7	7.45	480.6	7.10	514.3	6.79
379.3	8.02	413.4	7.77	447.3	7.45	481.2	7.09	514.9	6.77
379.9	8.00	414.0	7.78	448.0	7.44	481.8	7.08	515.5	6.76

516.1	6.75	549.7	6.53	583.2	6.32	616.5	6.03	649.7	5.88
516.7	6.74	550.3	6.52	583.8	6.31	617.1	6.03	650.3	5.88
517.4	6.73	550.9	6.52	584.4	6.31	617.7	6.02	650.9	5.88
518.0	6.73	551.5	6.51	585.0	6.31	618.3	6.02	651.5	5.88
518.6	6.73	552.2	6.51	585.6	6.29	618.9	6.02	652.1	5.88
519.2	6.72	552.8	6.50	586.2	6.27	619.5	6.01	652.7	5.87
519.8	6.72	553.4	6.50	586.8	6.27	620.1	6.00	653.3	5.86
520.4	6.71	554.0	6.50	587.4	6.26	620.7	6.00	653.9	5.87
521.0	6.71	554.6	6.49	588.0	6.27	621.3	6.00	654.5	5.87
521.6	6.71	555.2	6.49	588.6	6.26	621.9	6.00	655.1	5.86
522.3	6.70	555.8	6.48	589.2	6.26	622.5	5.99	655.7	5.86
522.9	6.71	556.4	6.48	589.8	6.26	623.1	5.99	656.3	5.85
523.5	6.69	557.0	6.47	590.5	6.25	623.7	5.99	656.9	5.84
524.1	6.68	557.6	6.47	591.1	6.25	624.3	5.99	657.5	5.84
524.7	6.67	558.2	6.46	591.7	6.24	625.	5.98	658.1	5.84
525.3	6.67	558.9	6.46	592.3	6.24	625.6	5.98	658.7	5.83
525.9	6.66	559.5	6.46	592.9	6.23	626.2	5.98	659.3	5.83
526.5	6.65	560.1	6.46	593.5	6.24	626.8	5.98	659.9	5.82
527.1	6.64	560.7	6.45	594.1	6.24	627.4	5.99	660.5	5.83
527.8	6.64	561.3	6.45	594.7	6.24	628.0	5.98	661.1	5.82
528.4	6.64	561.9	6.44	595.3	6.23	628.6	5.97	661.7	5.82
529.0	6.64	562.5	6.45	595.9	6.21	629.2	5.97	662.3	5.80
529.6	6.64	563.1	6.44	596.5	6.20	629.8	5.98	662.9	5.81
530.2	6.63	563.7	6.43	597.1	6.19	630.4	5.98	663.5	5.80
530.8	6.63	564.3	6.43	597.7	6.18	631.0	5.98	664.1	5.79
531.4	6.64	564.9	6.43	598.3	6.19	631.6	5.98	664.7	5.79
532.0	6.63	565.5	6.43	598.9	6.17	632.2	5.97	665.3	5.79
532.6	6.63	566.2	6.43	599.5	6.16	632.8	5.98	665.9	5.78
533.2	6.63	566.8	6.43	600.1	6.16	633.4	5.97	666.5	5.79
533.9	6.63	567.4	6.43	600.8	6.16	634.0	5.97	667.1	5.79
534.5	6.62	568.0	6.42	601.4	6.15	634.6	5.96	667.7	5.79
535.1	6.61	568.6	6.42	602.0	6.14	635.2	5.96	668.3	5.78
535.7	6.60	569.2	6.41	602.6	6.13	635.8	5.97	668.9	5.78
536.3	6.60	569.8	6.41	603.2	6.12	636.4	5.95	669.5	5.77
536.9	6.60	570.4	6.42	603.8	6.12	637.0	5.94	670.1	5.77
537.5	6.60	571.0	6.41	604.4	6.12	637.6	5.93	670.7	5.78
538.1	6.60	571.6	6.40	605.0	6.13	638.2	5.92	671.3	5.77
538.7	6.60	572.2	6.40	605.6	6.11	638.8	5.92	671.9	5.77
539.4	6.60	572.8	6.40	606.2	6.11	639.4	5.93	672.5	5.75
540.0	6.60	573.5	6.39	606.8	6.10	640.0	5.93	673.1	5.74
540.6	6.59	574.1	6.40	607.4	6.09	640.6	5.92	673.7	5.74
541.2	6.58	574.7	6.39	608.0	6.09	641.2	5.93	674.3	5.74
541.8	6.57	575.3	6.38	608.6	6.09	641.8	5.92	674.9	5.74
542.4	6.57	575.9	6.37	609.2	6.08	642.5	5.93	675.5	5.74
543.0	6.57	576.5	6.37	609.8	6.08	643.1	5.91	676.1	5.74
543.6	6.57	577.1	6.37	610.4	6.08	643.7	5.91	676.7	5.74
544.2	6.57	577.7	6.36	611.0	6.07	644.3	5.91	677.3	5.74
544.8	6.56	578.3	6.36	611.7	6.07	644.9	5.91	677.9	5.72
545.5	6.56	578.9	6.35	612.3	6.06	645.5	5.90	678.5	5.72
546.1	6.55	579.5	6.35	612.9	6.05	646.1	5.90	679.1	5.72
546.7	6.55	580.1	6.34	613.5	6.05	646.7	5.90	679.7	5.71
547.3	6.55	580.7	6.33	614.1	6.05	647.3	5.89	680.3	5.70
547.9	6.54	581.3	6.32	614.7	6.05	647.9	5.89	680.9	5.70
548.5	6.53	582.	6.32	615.3	6.05	648.5	5.89	681.5	5.71
549.1	6.53	582.6	6.33	615.9	6.04	649.1	5.88	682.1	5.70

682.7	5.69	715.7	5.57	748.5	5.39
683.3	5.69	716.3	5.57	749.1	5.39
683.9	5.69	716.9	5.56	749.7	5.39
684.5	5.68	717.5	5.56	750.3	5.38
685.1	5.69	718.1	5.57	750.8	5.39
685.7	5.68	718.7	5.55	751.4	5.39
686.3	5.68	719.3	5.56	752.0	5.39
686.9	5.68	719.9	5.54	752.6	5.39
687.5	5.69	720.4	5.54	753.2	5.38
688.1	5.68	721.0	5.53	753.8	5.38
688.7	5.67	721.6	5.51	754.4	5.38
689.3	5.68	722.2	5.51	755.0	5.38
689.9	5.67	722.8	5.51	755.6	5.38
690.5	5.68	723.4	5.50	756.2	5.38
691.1	5.67	724.0	5.50	756.8	5.37
691.7	5.66	724.6	5.50	757.4	5.38
692.3	5.66	725.2	5.50	758.0	5.37
692.9	5.67	725.8	5.49	758.6	5.37
693.5	5.67	726.4	5.49	759.2	5.38
694.1	5.67	727.0	5.49	759.8	5.36
694.7	5.66	727.6	5.49	760.	5.36
695.3	5.66	728.2	5.49		
695.9	5.66	728.8	5.48		
696.5	5.66	729.4	5.48		
697.1	5.66	730.0	5.47		
697.7	5.66	730.6	5.47		
698.3	5.66	731.2	5.46		
698.9	5.65	731.8	5.47		
699.5	5.65	732.4	5.46		
700.1	5.66	733.0	5.46		
700.7	5.65	733.6	5.46		
701.3	5.64	734.2	5.45		
701.9	5.64	734.8	5.45		
702.5	5.64	735.4	5.45		
703.1	5.63	736.	5.45		
703.7	5.63	736.6	5.44		
704.3	5.62	737.2	5.45		
704.9	5.61	737.7	5.43		
705.5	5.61	738.3	5.43		
706.1	5.61	738.9	5.43		
706.7	5.61	739.5	5.42		
707.3	5.61	740.1	5.42		
707.9	5.61	740.7	5.41		
708.5	5.60	741.3	5.41		
709.1	5.62	741.9	5.41		
709.7	5.60	742.5	5.41		
710.3	5.60	743.1	5.40		
710.9	5.60	743.7	5.41		
711.5	5.60	744.3	5.39		
712.1	5.60	744.9	5.41		
712.7	5.60	745.5	5.40		
713.3	5.60	746.1	5.40		
713.9	5.59	746.7	5.40		
714.5	5.58	747.3	5.39		
715.1	5.58	747.9	5.39		

Date of Launch	: 08/19/94	32.3	29.29	67.7	21.79	103.	19.37	138.1	16.03
Time of Launch	: 00:52:26	32.9	29.29	68.3	21.75	103.6	19.30	138.7	15.99
Sequence #	: 10	33.5	29.21	69.0	21.73	104.2	19.21	139.4	15.93
Latitude	: 26 32.209 N	34.2	29.07	69.6	21.71	104.9	19.13	140.0	15.86
Longitude	: 92 59.149 W	34.8	28.59	70.2	21.67	105.5	19.10	140.7	15.79
		35.5	28.03	70.9	21.61	106.2	19.07	141.3	15.73
0.6	29.20	36.1	27.63	71.5	21.54	106.8	19.04	141.9	15.69
1.2	29.69	36.8	27.38	72.2	21.51	107.4	18.97	142.6	15.63
1.9	29.78	37.4	27.04	72.8	21.51	108.1	18.90	143.2	15.53
2.5	29.83	38.1	26.84	73.5	21.47	108.7	18.87	143.8	15.49
3.2	29.87	38.7	26.68	74.1	21.41	109.4	18.79	144.5	15.47
3.8	29.88	39.3	26.35	74.7	21.36	110.0	18.68	145.1	15.45
4.5	29.86	40.0	26.11	75.4	21.34	110.6	18.62	145.8	15.42
5.1	29.86	40.6	25.85	76.0	21.27	111.3	18.52	146.4	15.35
5.8	29.83	41.3	25.72	76.7	21.23	111.9	18.44	147.0	15.27
6.4	29.80	41.9	25.65	77.3	21.18	112.6	18.38	147.7	15.22
7.1	29.78	42.6	25.57	77.9	21.15	113.2	18.33	148.3	15.16
7.7	29.71	43.2	25.37	78.6	21.07	113.8	18.29	148.9	15.12
8.4	29.69	43.9	25.23	79.2	20.96	114.5	18.24	149.6	15.09
9.0	29.69	44.5	25.15	79.9	20.85	115.1	18.13	150.2	15.06
9.7	29.68	45.1	24.97	80.5	20.79	115.8	18.04	150.9	15.01
10.3	29.67	45.8	24.68	81.2	20.73	116.4	17.97	151.5	14.94
10.9	29.66	46.4	24.50	81.8	20.70	117.0	17.90	152.1	14.87
11.6	29.66	47.1	24.42	82.4	20.67	117.7	17.86	152.8	14.80
12.2	29.65	47.7	24.29	83.1	20.64	118.3	17.82	153.4	14.75
12.9	29.64	48.4	24.18	83.7	20.61	118.9	17.76	154.0	14.71
13.5	29.63	49.0	24.12	84.4	20.60	119.6	17.70	154.7	14.66
14.2	29.62	49.7	24.03	85.0	20.56	120.2	17.64	155.3	14.63
14.8	29.60	50.3	23.90	85.6	20.54	120.9	17.57	155.9	14.61
15.5	29.60	50.9	23.80	86.3	20.50	121.5	17.48	156.6	14.60
16.1	29.60	51.6	23.60	86.9	20.46	122.1	17.42	157.2	14.57
16.8	29.59	52.2	23.43	87.6	20.43	122.8	17.37	157.9	14.53
17.4	29.59	52.9	23.36	88.2	20.41	123.4	17.32	158.5	14.50
18.1	29.60	53.5	23.24	88.9	20.40	124.1	17.26	159.1	14.43
18.7	29.59	54.2	23.18	89.5	20.39	124.7	17.21	159.8	14.36
19.3	29.61	54.8	23.09	90.1	20.38	125.3	17.14	160.4	14.31
20.0	29.63	55.4	23.02	90.8	20.37	126.0	17.09	161.0	14.28
20.6	29.65	56.1	22.92	91.4	20.34	126.6	17.05	161.7	14.26
21.3	29.68	56.7	22.84	92.1	20.26	127.3	16.99	162.3	14.23
21.9	29.71	57.4	22.78	92.7	20.20	127.9	16.94	163.	14.19
22.6	29.72	58.0	22.71	93.3	20.16	128.5	16.91	163.6	14.14
23.2	29.75	58.7	22.65	94.0	20.13	129.2	16.86	164.2	14.11
23.9	29.75	59.3	22.61	94.6	20.12	129.8	16.78	164.9	14.08
24.5	29.71	60.0	22.54	95.3	20.07	130.4	16.68	165.5	14.07
25.2	29.69	60.6	22.49	95.9	20.02	131.1	16.63	166.1	14.04
25.8	29.68	61.2	22.43	96.5	19.97	131.7	16.60	166.8	14.01
26.4	29.66	61.9	22.33	97.2	19.96	132.4	16.55	167.4	13.98
27.1	29.65	62.5	22.25	97.8	19.90	133.0	16.49	168.0	13.93
27.7	29.63	63.2	22.18	98.5	19.81	133.6	16.40	168.7	13.86
28.4	29.59	63.8	22.15	99.1	19.76	134.3	16.32	169.3	13.82
29.0	29.52	64.5	22.06	99.7	19.72	134.9	16.25	169.9	13.79
29.7	29.54	65.1	21.96	100.4	19.68	135.6	16.20	170.6	13.76
30.3	29.54	65.7	21.92	101.0	19.62	136.2	16.18	171.2	13.73
31.0	29.46	66.4	21.86	101.7	19.55	136.8	16.12	171.9	13.72
31.6	29.36	67.0	21.84	102.3	19.45	137.5	16.08	172.5	13.70

173.1	13.66	208.0	12.37	242.8	11.40	277.4	10.45	311.9	9.93
173.8	13.64	208.6	12.36	243.4	11.39	278.0	10.45	312.5	9.92
174.4	13.62	209.3	12.36	244.0	11.37	278.7	10.41	313.1	9.91
175.0	13.60	209.9	12.35	244.7	11.36	279.3	10.40	313.8	9.90
175.7	13.57	210.5	12.33	245.3	11.34	279.9	10.40	314.4	9.90
176.3	13.54	211.2	12.32	245.9	11.32	280.5	10.40	315.0	9.89
176.9	13.52	211.8	12.32	246.6	11.30	281.2	10.40	315.7	9.89
177.6	13.49	212.4	12.30	247.2	11.27	281.8	10.41	316.3	9.89
178.2	13.47	213.1	12.29	247.8	11.25	282.4	10.40	316.9	9.89
178.8	13.44	213.7	12.26	248.4	11.22	283.1	10.40	317.5	9.88
179.5	13.40	214.3	12.25	249.1	11.17	283.7	10.41	318.2	9.88
180.1	13.35	215.0	12.23	249.7	11.16	284.3	10.40	318.8	9.87
180.7	13.34	215.6	12.19	250.3	11.16	284.9	10.41	319.4	9.86
181.4	13.32	216.2	12.17	251.0	11.15	285.6	10.40	320.0	9.86
182.0	13.31	216.9	12.15	251.6	11.12	286.2	10.40	320.7	9.86
182.7	13.29	217.5	12.14	252.2	11.10	286.8	10.40	321.3	9.86
183.3	13.29	218.1	12.13	252.9	11.08	287.4	10.40	321.9	9.85
183.9	13.27	218.8	12.10	253.5	11.07	288.1	10.38	322.5	9.84
184.6	13.25	219.4	12.07	254.1	11.07	288.7	10.37	323.2	9.84
185.2	13.23	220.0	12.05	254.7	11.05	289.3	10.37	323.8	9.84
185.8	13.22	220.7	12.02	255.4	11.03	290.	10.35	324.4	9.84
186.5	13.20	221.3	12.00	256.0	11.01	290.6	10.32	325.0	9.83
187.1	13.19	221.9	11.99	256.6	10.98	291.2	10.30	325.7	9.82
187.7	13.18	222.6	11.96	257.3	10.96	291.8	10.29	326.3	9.79
188.4	13.14	223.2	11.94	257.9	10.96	292.5	10.26	326.9	9.78
189.0	13.10	223.8	11.91	258.5	10.95	293.1	10.24	327.5	9.77
189.6	13.08	224.5	11.91	259.2	10.94	293.7	10.22	328.2	9.76
190.3	13.03	225.1	11.89	259.8	10.90	294.4	10.22	328.8	9.74
190.9	12.97	225.7	11.89	260.4	10.87	295.0	10.22	329.4	9.72
191.5	12.94	226.4	11.89	261.0	10.83	295.6	10.21	330.0	9.70
192.2	12.93	227.0	11.87	261.7	10.79	296.2	10.21	330.7	9.69
192.8	12.90	227.6	11.86	262.3	10.77	296.9	10.21	331.3	9.67
193.4	12.87	228.3	11.85	262.9	10.75	297.5	10.20	331.9	9.64
194.1	12.83	228.9	11.84	263.6	10.72	298.1	10.21	332.5	9.63
194.7	12.80	229.5	11.83	264.2	10.70	298.7	10.18	333.2	9.63
195.3	12.77	230.1	11.82	264.8	10.68	299.4	10.14	333.8	9.63
196.0	12.74	230.8	11.80	265.5	10.67	300.0	10.12	334.4	9.62
196.6	12.71	231.4	11.79	266.1	10.66	300.6	10.12	335.0	9.62
197.2	12.70	232.0	11.78	266.7	10.66	301.2	10.09	335.7	9.61
197.9	12.68	232.7	11.76	267.3	10.66	301.9	10.07	336.3	9.59
198.5	12.66	233.3	11.74	268.0	10.66	302.5	10.07	336.9	9.58
199.1	12.62	233.9	11.70	268.6	10.66	303.1	10.07	337.5	9.57
199.8	12.57	234.6	11.69	269.2	10.65	303.8	10.05	338.2	9.56
200.4	12.52	235.2	11.66	269.9	10.65	304.4	10.04	338.8	9.55
201.0	12.51	235.8	11.62	270.5	10.64	305.0	10.02	339.4	9.55
201.7	12.49	236.5	11.58	271.1	10.59	305.6	10.00	340.0	9.54
202.3	12.47	237.1	11.53	271.7	10.57	306.3	9.98	340.6	9.53
202.9	12.46	237.7	11.50	272.4	10.56	306.9	9.97	341.3	9.52
203.6	12.46	238.4	11.49	273.0	10.55	307.5	9.97	341.9	9.51
204.2	12.44	239.0	11.48	273.6	10.56	308.1	9.96	342.5	9.50
204.8	12.43	239.6	11.47	274.3	10.54	308.8	9.96	343.1	9.49
205.5	12.43	240.2	11.45	274.9	10.53	309.4	9.95	343.8	9.48
206.1	12.41	240.9	11.44	275.5	10.49	310.0	9.95	344.4	9.46
206.7	12.39	241.5	11.43	276.1	10.47	310.6	9.93	345.0	9.45
207.4	12.38	242.1	11.42	276.8	10.46	311.3	9.93	345.6	9.44

346.3	9.43	380.5	8.95	414.6	8.53	448.6	8.05	482.4	7.71
346.9	9.41	381.1	8.95	415.2	8.54	449.2	8.06	483.0	7.70
347.5	9.40	381.7	8.94	415.8	8.54	449.8	8.05	483.7	7.70
348.1	9.37	382.4	8.93	416.5	8.53	450.4	8.05	484.3	7.70
348.8	9.37	383.0	8.91	417.1	8.53	451.0	8.04	484.9	7.69
349.4	9.36	383.6	8.90	417.7	8.53	451.7	8.03	485.5	7.68
350.0	9.35	384.2	8.91	418.3	8.52	452.3	8.02	486.1	7.67
350.6	9.33	384.8	8.91	418.9	8.52	452.9	8.02	486.7	7.65
351.3	9.32	385.5	8.90	419.6	8.52	453.5	8.00	487.3	7.65
351.9	9.30	386.1	8.89	420.2	8.51	454.1	8.00	487.9	7.65
352.5	9.29	386.7	8.90	420.8	8.49	454.7	8.01	488.6	7.64
353.1	9.29	387.3	8.91	421.4	8.47	455.4	8.00	489.2	7.64
353.7	9.28	388.	8.91	422.0	8.47	456.0	8.00	489.8	7.62
354.4	9.28	388.6	8.91	422.6	8.46	456.6	7.99	490.4	7.62
355.0	9.27	389.2	8.91	423.3	8.46	457.2	7.99	491.0	7.63
355.6	9.27	389.8	8.89	423.9	8.44	457.8	7.99	491.6	7.62
356.2	9.27	390.4	8.89	424.5	8.42	458.4	7.98	492.2	7.62
356.9	9.27	391.1	8.87	425.1	8.41	459.1	7.98	492.9	7.62
357.5	9.26	391.7	8.84	425.7	8.40	459.7	7.98	493.5	7.61
358.1	9.26	392.3	8.81	426.4	8.38	460.3	7.98	494.1	7.61
358.7	9.26	392.9	8.78	427.0	8.36	460.9	7.97	494.7	7.60
359.4	9.25	393.5	8.75	427.6	8.35	461.5	7.97	495.3	7.60
360.0	9.24	394.2	8.74	428.2	8.34	462.1	7.97	495.9	7.60
360.6	9.22	394.8	8.73	428.8	8.33	462.7	7.96	496.5	7.60
361.2	9.20	395.4	8.72	429.4	8.31	463.4	7.95	497.1	7.60
361.8	9.19	396.0	8.71	430.1	8.31	464.0	7.95	497.8	7.59
362.5	9.17	396.6	8.70	430.7	8.30	464.6	7.95	498.4	7.58
363.1	9.15	397.3	8.68	431.3	8.31	465.2	7.95	499.0	7.59
363.7	9.15	397.9	8.66	431.9	8.29	465.8	7.94	499.6	7.59
364.3	9.14	398.5	8.66	432.5	8.28	466.4	7.95	500.2	7.59
365.	9.14	399.1	8.65	433.2	8.27	467.1	7.94	500.8	7.59
365.6	9.14	399.7	8.65	433.8	8.26	467.7	7.94	501.4	7.59
366.2	9.13	400.4	8.64	434.4	8.24	468.3	7.94	502.1	7.58
366.8	9.13	401.0	8.63	435.0	8.24	468.9	7.94	502.7	7.58
367.4	9.12	401.6	8.62	435.6	8.24	469.5	7.92	503.3	7.57
368.1	9.11	402.2	8.62	436.2	8.21	470.1	7.91	503.9	7.57
368.7	9.11	402.8	8.61	436.9	8.22	470.7	7.90	504.5	7.56
369.3	9.09	403.5	8.61	437.5	8.20	471.4	7.89	505.1	7.56
369.9	9.09	404.1	8.61	438.1	8.20	472.0	7.89	505.7	7.56
370.6	9.09	404.7	8.60	438.7	8.19	472.6	7.87	506.3	7.55
371.2	9.08	405.3	8.59	439.3	8.20	473.2	7.85	507.	7.55
371.8	9.07	405.9	8.57	439.9	8.19	473.8	7.84	507.6	7.55
372.4	9.05	406.6	8.56	440.6	8.19	474.4	7.84	508.2	7.55
373.0	9.04	407.2	8.54	441.2	8.17	475.0	7.83	508.8	7.54
373.7	9.02	407.8	8.53	441.8	8.16	475.7	7.82	509.4	7.54
374.3	9.02	408.4	8.52	442.4	8.15	476.3	7.81	510.0	7.53
374.9	9.00	409.0	8.53	443.0	8.14	476.9	7.81	510.6	7.53
375.5	9.01	409.7	8.53	443.6	8.14	477.5	7.80	511.2	7.53
376.1	9.00	410.3	8.54	444.3	8.13	478.1	7.79	511.9	7.52
376.8	8.99	410.9	8.55	444.9	8.13	478.7	7.78	512.5	7.53
377.4	8.97	411.5	8.56	445.5	8.11	479.4	7.76	513.1	7.53
378.0	8.98	412.1	8.55	446.1	8.10	480.0	7.74	513.7	7.52
378.6	8.97	412.7	8.54	446.7	8.09	480.6	7.73	514.3	7.51
379.3	8.95	413.4	8.54	447.3	8.09	481.2	7.72	514.9	7.49
379.9	8.96	414.0	8.54	448.0	8.07	481.8	7.71	515.5	7.49

516.1	7.49	549.7	7.17	583.2	6.85	616.5	6.67	649.7	6.44
516.7	7.49	550.3	7.17	583.8	6.84	617.1	6.67	650.3	6.43
517.4	7.48	550.9	7.16	584.4	6.84	617.7	6.67	650.9	6.42
518.0	7.49	551.5	7.16	585.0	6.84	618.3	6.67	651.5	6.42
518.6	7.48	552.2	7.16	585.6	6.84	618.9	6.67	652.1	6.42
519.2	7.48	552.8	7.15	586.2	6.85	619.5	6.66	652.7	6.42
519.8	7.48	553.4	7.15	586.8	6.84	620.1	6.66	653.3	6.42
520.4	7.47	554.0	7.15	587.4	6.83	620.7	6.66	653.9	6.41
521.0	7.47	554.6	7.15	588.0	6.83	621.3	6.65	654.5	6.41
521.6	7.46	555.2	7.13	588.6	6.83	621.9	6.66	655.1	6.41
522.3	7.46	555.8	7.15	589.2	6.82	622.5	6.66	655.7	6.41
522.9	7.46	556.4	7.13	589.8	6.83	623.1	6.64	656.3	6.40
523.5	7.44	557.0	7.13	590.5	6.82	623.7	6.65	656.9	6.40
524.1	7.44	557.6	7.12	591.1	6.82	624.3	6.65	657.5	6.40
524.7	7.43	558.2	7.13	591.7	6.81	625.	6.65	658.1	6.41
525.3	7.43	558.9	7.12	592.3	6.81	625.6	6.64	658.7	6.41
525.9	7.42	559.5	7.10	592.9	6.81	626.2	6.64	659.3	6.39
526.5	7.42	560.1	7.09	593.5	6.81	626.8	6.64	659.9	6.38
527.1	7.42	560.7	7.09	594.1	6.80	627.4	6.64	660.5	6.38
527.8	7.41	561.3	7.08	594.7	6.80	628.0	6.64	661.1	6.37
528.4	7.42	561.9	7.07	595.3	6.79	628.6	6.63	661.7	6.37
529.0	7.42	562.5	7.07	595.9	6.79	629.2	6.63	662.3	6.38
529.6	7.41	563.1	7.06	596.5	6.79	629.8	6.64	662.9	6.37
530.2	7.41	563.7	7.06	597.1	6.79	630.4	6.62	663.5	6.37
530.8	7.40	564.3	7.05	597.7	6.78	631.0	6.63	664.1	6.37
531.4	7.39	564.9	7.04	598.3	6.78	631.6	6.62	664.7	6.36
532.0	7.39	565.5	7.02	598.9	6.78	632.2	6.62	665.3	6.36
532.6	7.38	566.2	7.02	599.5	6.78	632.8	6.61	665.9	6.35
533.2	7.37	566.8	7.03	600.1	6.78	633.4	6.61	666.5	6.33
533.9	7.36	567.4	7.02	600.8	6.77	634.0	6.60	667.1	6.32
534.5	7.35	568.0	7.02	601.4	6.77	634.6	6.60	667.7	6.31
535.1	7.33	568.6	7.00	602.0	6.77	635.2	6.59	668.3	6.30
535.7	7.33	569.2	6.97	602.6	6.77	635.8	6.58	668.9	6.30
536.3	7.32	569.8	6.97	603.2	6.76	636.4	6.58	669.5	6.29
536.9	7.32	570.4	6.97	603.8	6.75	637.0	6.57	670.1	6.28
537.5	7.32	571.0	6.95	604.4	6.76	637.6	6.57	670.7	6.26
538.1	7.31	571.6	6.97	605.0	6.75	638.2	6.57	671.3	6.26
538.7	7.30	572.2	6.95	605.6	6.75	638.8	6.56	671.9	6.27
539.4	7.29	572.8	6.95	606.2	6.75	639.4	6.55	672.5	6.26
540.0	7.28	573.5	6.94	606.8	6.75	640.0	6.55	673.1	6.25
540.6	7.27	574.1	6.93	607.4	6.74	640.6	6.55	673.7	6.24
541.2	7.26	574.7	6.92	608.0	6.75	641.2	6.54	674.3	6.24
541.8	7.26	575.3	6.90	608.6	6.74	641.8	6.54	674.9	6.23
542.4	7.25	575.9	6.90	609.2	6.74	642.5	6.54	675.5	6.22
543.0	7.24	576.5	6.90	609.8	6.74	643.1	6.54	676.1	6.22
543.6	7.23	577.1	6.89	610.4	6.74	643.7	6.53	676.7	6.22
544.2	7.22	577.7	6.89	611.0	6.73	644.3	6.54	677.3	6.21
544.8	7.21	578.3	6.88	611.7	6.71	644.9	6.53	677.9	6.21
545.5	7.20	578.9	6.87	612.3	6.71	645.5	6.53	678.5	6.20
546.1	7.20	579.5	6.87	612.9	6.71	646.1	6.52	679.1	6.20
546.7	7.19	580.1	6.86	613.5	6.70	646.7	6.51	679.7	6.19
547.3	7.19	580.7	6.86	614.1	6.71	647.3	6.50	680.3	6.20
547.9	7.18	581.3	6.85	614.7	6.70	647.9	6.49	680.9	6.19
548.5	7.18	582.	6.86	615.3	6.70	648.5	6.49	681.5	6.20
549.1	7.18	582.6	6.85	615.9	6.70	649.1	6.46	682.1	6.19



682.7	6.19	715.7	5.96	748.5	5.78
683.3	6.18	716.3	5.95	749.1	5.77
683.9	6.17	716.9	5.94	749.7	5.78
684.5	6.17	717.5	5.94	750.3	5.79
685.1	6.18	718.1	5.93	750.8	5.77
685.7	6.16	718.7	5.92	751.4	5.76
686.3	6.16	719.3	5.92	752.0	5.76
686.9	6.15	719.9	5.92	752.6	5.76
687.5	6.17	720.4	5.91	753.2	5.75
688.1	6.15	721.0	5.91	753.8	5.75
688.7	6.15	721.6	5.90	754.4	5.74
689.3	6.15	722.2	5.89	755.0	5.74
689.9	6.14	722.8	5.90	755.6	5.74
690.5	6.14	723.4	5.88	756.2	5.73
691.1	6.14	724.0	5.89	756.8	5.73
691.7	6.15	724.6	5.88	757.4	5.73
692.3	6.13	725.2	5.87	758.0	5.73
692.9	6.13	725.8	5.86	758.6	5.73
693.5	6.13	726.4	5.86	759.2	5.73
694.1	6.13	727.0	5.86	759.8	5.72
694.7	6.12	727.6	5.86	760.	5.72
695.3	6.12	728.2	5.86		
695.9	6.11	728.8	5.85		
696.5	6.11	729.4	5.86		
697.1	6.10	730.0	5.85		
697.7	6.10	730.6	5.85		
698.3	6.09	731.2	5.85		
698.9	6.09	731.8	5.85		
699.5	6.09	732.4	5.85		
700.1	6.08	733.0	5.85		
700.7	6.09	733.6	5.86		
701.3	6.09	734.2	5.85		
701.9	6.08	734.8	5.86		
702.5	6.09	735.4	5.86		
703.1	6.09	736.	5.85		
703.7	6.09	736.6	5.84		
704.3	6.09	737.2	5.83		
704.9	6.09	737.7	5.83		
705.5	6.07	738.3	5.83		
706.1	6.07	738.9	5.82		
706.7	6.07	739.5	5.82		
707.3	6.06	740.1	5.82		
707.9	6.04	740.7	5.82		
708.5	6.03	741.3	5.82		
709.1	6.03	741.9	5.82		
709.7	6.02	742.5	5.82		
710.3	6.03	743.1	5.81		
710.9	6.02	743.7	5.82		
711.5	6.01	744.3	5.82		
712.1	6.01	744.9	5.82		
712.7	6.00	745.5	5.81		
713.3	5.98	746.1	5.80		
713.9	5.98	746.7	5.79		
714.5	5.98	747.3	5.78		
715.1	5.97	747.9	5.78		

Date of Launch	: 08/19/94	32.3	28.77	67.7	22.83	103.	20.14	138.1	18.04
Time of Launch	: 03:45:15	32.9	28.75	68.3	22.81	103.6	20.10	138.7	18.03
Sequence #	: 11	33.5	28.73	69.0	22.79	104.2	20.05	139.4	18.01
Latitude	: 26 39.077 N	34.2	28.60	69.6	22.75	104.9	20.02	140.0	17.98
Longitude	: 93 29.600 W	34.8	28.33	70.2	22.68	105.5	20.01	140.7	17.93
		35.5	28.15	70.9	22.60	106.2	20.02	141.3	17.87
0.6	29.37	36.1	27.92	71.5	22.51	106.8	20.01	141.9	17.80
1.2	29.42	36.8	27.81	72.2	22.48	107.4	19.99	142.6	17.74
1.9	29.43	37.4	27.73	72.8	22.41	108.1	19.94	143.2	17.69
2.5	29.44	38.1	27.33	73.5	22.32	108.7	19.87	143.8	17.65
3.2	29.44	38.7	26.60	74.1	22.23	109.4	19.83	144.5	17.60
3.8	29.46	39.3	26.37	74.7	22.16	110.0	19.74	145.1	17.54
4.5	29.45	40.0	25.96	75.4	22.08	110.6	19.59	145.8	17.46
5.1	29.43	40.6	25.77	76.0	22.00	111.3	19.51	146.4	17.43
5.8	29.43	41.3	25.60	76.7	21.91	111.9	19.46	147.0	17.40
6.4	29.43	41.9	25.41	77.3	21.79	112.6	19.41	147.7	17.39
7.1	29.43	42.6	25.24	77.9	21.75	113.2	19.39	148.3	17.38
7.7	29.44	43.2	25.11	78.6	21.70	113.8	19.34	148.9	17.35
8.4	29.42	43.9	24.92	79.2	21.60	114.5	19.31	149.6	17.30
9.0	29.40	44.5	24.78	79.9	21.52	115.1	19.30	150.2	17.28
9.7	29.35	45.1	24.71	80.5	21.46	115.8	19.33	150.9	17.25
10.3	29.26	45.8	24.67	81.2	21.42	116.4	19.34	151.5	17.14
10.9	29.25	46.4	24.62	81.8	21.37	117.0	19.32	152.1	17.07
11.6	29.24	47.1	24.56	82.4	21.31	117.7	19.25	152.8	17.04
12.2	29.24	47.7	24.49	83.1	21.26	118.3	19.18	153.4	17.00
12.9	29.22	48.4	24.44	83.7	21.24	118.9	19.07	154.0	16.97
13.5	29.23	49.0	24.42	84.4	21.24	119.6	19.00	154.7	16.94
14.2	29.22	49.7	24.38	85.0	21.23	120.2	18.98	155.3	16.90
14.8	29.22	50.3	24.30	85.6	21.23	120.9	18.99	155.9	16.85
15.5	29.21	50.9	24.25	86.3	21.23	121.5	18.97	156.6	16.82
16.1	29.20	51.6	24.21	86.9	21.22	122.1	18.98	157.2	16.82
16.8	29.19	52.2	24.16	87.6	21.22	122.8	18.95	157.9	16.81
17.4	29.18	52.9	24.12	88.2	21.23	123.4	18.89	158.5	16.78
18.1	29.17	53.5	24.09	88.9	21.22	124.1	18.82	159.1	16.75
18.7	29.16	54.2	24.05	89.5	21.20	124.7	18.78	159.8	16.72
19.3	29.16	54.8	24.03	90.1	21.15	125.3	18.73	160.4	16.70
20.0	29.15	55.4	24.01	90.8	21.08	126.0	18.68	161.0	16.67
20.6	29.13	56.1	24.00	91.4	21.06	126.6	18.62	161.7	16.64
21.3	29.12	56.7	23.88	92.1	21.03	127.3	18.54	162.3	16.61
21.9	29.08	57.4	23.69	92.7	20.99	127.9	18.49	163.	16.58
22.6	29.07	58.0	23.62	93.3	20.88	128.5	18.45	163.6	16.53
23.2	29.06	58.7	23.57	94.0	20.77	129.2	18.44	164.2	16.49
23.9	29.04	59.3	23.46	94.6	20.73	129.8	18.41	164.9	16.45
24.5	29.03	60.0	23.37	95.3	20.67	130.4	18.35	165.5	16.43
25.2	29.00	60.6	23.31	95.9	20.60	131.1	18.32	166.1	16.40
25.8	28.95	61.2	23.24	96.5	20.54	131.7	18.28	166.8	16.36
26.4	28.91	61.9	23.16	97.2	20.52	132.4	18.25	167.4	16.33
27.1	28.87	62.5	23.11	97.8	20.49	133.0	18.20	168.0	16.29
27.7	28.85	63.2	23.08	98.5	20.45	133.6	18.18	168.7	16.27
28.4	28.83	63.8	23.03	99.1	20.44	134.3	18.17	169.3	16.24
29.0	28.82	64.5	22.98	99.7	20.43	134.9	18.17	169.9	16.22
29.7	28.83	65.1	22.94	100.4	20.36	135.6	18.15	170.6	16.20
30.3	28.82	65.7	22.88	101.0	20.31	136.2	18.10	171.2	16.16
31.0	28.80	66.4	22.85	101.7	20.24	136.8	18.07	171.9	16.14
31.6	28.78	67.0	22.83	102.3	20.18	137.5	18.06	172.5	16.13

173.1	16.08	208.0	14.58	242.8	13.35	277.4	12.50	311.9	11.48
173.8	16.06	208.6	14.56	243.4	13.32	278.0	12.48	312.5	11.46
174.4	16.06	209.3	14.55	244.0	13.29	278.7	12.47	313.1	11.41
175.0	16.05	209.9	14.55	244.7	13.22	279.3	12.46	313.8	11.42
175.7	16.04	210.5	14.53	245.3	13.17	279.9	12.44	314.4	11.41
176.3	16.00	211.2	14.51	245.9	13.15	280.5	12.43	315.0	11.39
176.9	15.95	211.8	14.49	246.6	13.13	281.2	12.40	315.7	11.38
177.6	15.91	212.4	14.49	247.2	13.13	281.8	12.39	316.3	11.37
178.2	15.90	213.1	14.47	247.8	13.11	282.4	12.38	316.9	11.37
178.8	15.88	213.7	14.44	248.4	13.09	283.1	12.37	317.5	11.37
179.5	15.87	214.3	14.42	249.1	13.08	283.7	12.37	318.2	11.36
180.1	15.86	215.0	14.39	249.7	13.06	284.3	12.36	318.8	11.33
180.7	15.83	215.6	14.37	250.3	13.04	284.9	12.35	319.4	11.32
181.4	15.79	216.2	14.34	251.0	13.02	285.6	12.35	320.0	11.31
182.0	15.75	216.9	14.32	251.6	13.02	286.2	12.34	320.7	11.31
182.7	15.71	217.5	14.32	252.2	13.01	286.8	12.33	321.3	11.28
183.3	15.67	218.1	14.31	252.9	12.99	287.4	12.32	321.9	11.24
183.9	15.63	218.8	14.30	253.5	12.99	288.1	12.32	322.5	11.20
184.6	15.61	219.4	14.29	254.1	12.95	288.7	12.30	323.2	11.18
185.2	15.54	220.0	14.28	254.7	12.96	289.3	12.29	323.8	11.16
185.8	15.48	220.7	14.25	255.4	12.94	290.	12.29	324.4	11.13
186.5	15.48	221.3	14.23	256.0	12.91	290.6	12.26	325.0	11.10
187.1	15.47	221.9	14.21	256.6	12.89	291.2	12.23	325.7	11.09
187.7	15.42	222.6	14.20	257.3	12.85	291.8	12.21	326.3	11.08
188.4	15.38	223.2	14.21	257.9	12.84	292.5	12.20	326.9	11.07
189.0	15.35	223.8	14.19	258.5	12.84	293.1	12.17	327.5	11.06
189.6	15.32	224.5	14.17	259.2	12.83	293.7	12.15	328.2	11.04
190.3	15.27	225.1	14.14	259.8	12.83	294.4	12.14	328.8	11.04
190.9	15.24	225.7	14.11	260.4	12.84	295.0	12.13	329.4	11.00
191.5	15.24	226.4	14.08	261.0	12.83	295.6	12.10	330.0	11.00
192.2	15.24	227.0	14.03	261.7	12.82	296.2	12.09	330.7	10.99
192.8	15.23	227.6	14.02	262.3	12.78	296.9	12.07	331.3	10.99
193.4	15.20	228.3	13.98	262.9	12.74	297.5	12.05	331.9	10.96
194.1	15.17	228.9	13.92	263.6	12.73	298.1	12.03	332.5	10.91
194.7	15.14	229.5	13.88	264.2	12.72	298.7	12.01	333.2	10.91
195.3	15.10	230.1	13.87	264.8	12.70	299.4	11.98	333.8	10.91
196.0	15.05	230.8	13.84	265.5	12.70	300.0	11.96	334.4	10.89
196.6	15.04	231.4	13.82	266.1	12.70	300.6	11.95	335.0	10.81
197.2	15.04	232.0	13.78	266.7	12.70	301.2	11.93	335.7	10.80
197.9	15.01	232.7	13.77	267.3	12.67	301.9	11.91	336.3	10.78
198.5	15.00	233.3	13.75	268.0	12.64	302.5	11.87	336.9	10.75
199.1	14.98	233.9	13.73	268.6	12.62	303.1	11.83	337.5	10.73
199.8	14.97	234.6	13.70	269.2	12.61	303.8	11.80	338.2	10.68
200.4	14.94	235.2	13.68	269.9	12.59	304.4	11.78	338.8	10.64
201.0	14.91	235.8	13.64	270.5	12.59	305.0	11.75	339.4	10.62
201.7	14.89	236.5	13.59	271.1	12.59	305.6	11.73	340.0	10.58
202.3	14.88	237.1	13.56	271.7	12.58	306.3	11.73	340.6	10.57
202.9	14.86	237.7	13.56	272.4	12.57	306.9	11.71	341.3	10.57
203.6	14.83	238.4	13.54	273.0	12.58	307.5	11.67	341.9	10.56
204.2	14.81	239.0	13.52	273.6	12.58	308.1	11.65	342.5	10.53
204.8	14.79	239.6	13.51	274.3	12.57	308.8	11.63	343.1	10.54
205.5	14.76	240.2	13.49	274.9	12.56	309.4	11.57	343.8	10.54
206.1	14.71	240.9	13.46	275.5	12.56	310.0	11.51	344.4	10.52
206.7	14.66	241.5	13.44	276.1	12.55	310.6	11.50	345.0	10.52
207.4	14.62	242.1	13.40	276.8	12.52	311.3	11.49	345.6	10.51

346.3	10.50	380.5	9.93	414.6	9.28	448.6	8.83	482.4	8.26
346.9	10.49	381.1	9.90	415.2	9.27	449.2	8.81	483.0	8.26
347.5	10.48	381.7	9.87	415.8	9.26	449.8	8.79	483.7	8.26
348.1	10.49	382.4	9.84	416.5	9.27	450.4	8.78	484.3	8.25
348.8	10.49	383.0	9.83	417.1	9.25	451.0	8.77	484.9	8.24
349.4	10.47	383.6	9.82	417.7	9.26	451.7	8.77	485.5	8.23
350.0	10.47	384.2	9.81	418.3	9.25	452.3	8.75	486.1	8.23
350.6	10.46	384.8	9.81	418.9	9.24	452.9	8.74	486.7	8.22
351.3	10.45	385.5	9.80	419.6	9.22	453.5	8.74	487.3	8.19
351.9	10.45	386.1	9.79	420.2	9.19	454.1	8.72	487.9	8.18
352.5	10.43	386.7	9.77	420.8	9.19	454.7	8.69	488.6	8.17
353.1	10.42	387.3	9.75	421.4	9.18	455.4	8.67	489.2	8.15
353.7	10.39	388.	9.75	422.0	9.18	456.0	8.65	489.8	8.14
354.4	10.35	388.6	9.73	422.6	9.17	456.6	8.64	490.4	8.14
355.0	10.34	389.2	9.73	423.3	9.17	457.2	8.63	491.0	8.13
355.6	10.33	389.8	9.71	423.9	9.16	457.8	8.63	491.6	8.14
356.2	10.30	390.4	9.71	424.5	9.16	458.4	8.63	492.2	8.13
356.9	10.29	391.1	9.69	425.1	9.15	459.1	8.63	492.9	8.12
357.5	10.27	391.7	9.66	425.7	9.13	459.7	8.61	493.5	8.11
358.1	10.26	392.3	9.62	426.4	9.10	460.3	8.58	494.1	8.11
358.7	10.26	392.9	9.60	427.0	9.08	460.9	8.57	494.7	8.12
359.4	10.25	393.5	9.58	427.6	9.08	461.5	8.56	495.3	8.10
360.0	10.24	394.2	9.57	428.2	9.07	462.1	8.55	495.9	8.10
360.6	10.24	394.8	9.56	428.8	9.07	462.7	8.53	496.5	8.09
361.2	10.23	395.4	9.56	429.4	9.07	463.4	8.53	497.1	8.09
361.8	10.23	396.0	9.57	430.1	9.06	464.0	8.52	497.8	8.09
362.5	10.23	396.6	9.56	430.7	9.06	464.6	8.51	498.4	8.08
363.1	10.22	397.3	9.54	431.3	9.06	465.2	8.50	499.0	8.08
363.7	10.20	397.9	9.53	431.9	9.06	465.8	8.50	499.6	8.06
364.3	10.20	398.5	9.53	432.5	9.06	466.4	8.50	500.2	8.04
365.	10.19	399.1	9.52	433.2	9.04	467.1	8.48	500.8	8.05
365.6	10.18	399.7	9.51	433.8	9.03	467.7	8.47	501.4	8.04
366.2	10.17	400.4	9.50	434.4	9.02	468.3	8.44	502.1	8.04
366.8	10.14	401.0	9.48	435.0	9.01	468.9	8.44	502.7	8.04
367.4	10.13	401.6	9.47	435.6	9.00	469.5	8.43	503.3	8.04
368.1	10.12	402.2	9.46	436.2	8.99	470.1	8.42	503.9	8.01
368.7	10.10	402.8	9.46	436.9	8.98	470.7	8.42	504.5	8.00
369.3	10.10	403.5	9.46	437.5	8.97	471.4	8.41	505.1	7.97
369.9	10.08	404.1	9.44	438.1	8.96	472.0	8.41	505.7	7.96
370.6	10.07	404.7	9.44	438.7	8.96	472.6	8.40	506.3	7.96
371.2	10.06	405.3	9.41	439.3	8.95	473.2	8.38	507.	7.95
371.8	10.05	405.9	9.38	439.9	8.95	473.8	8.36	507.6	7.95
372.4	10.04	406.6	9.38	440.6	8.94	474.4	8.35	508.2	7.96
373.0	10.04	407.2	9.36	441.2	8.94	475.0	8.34	508.8	7.95
373.7	10.04	407.8	9.34	441.8	8.93	475.7	8.34	509.4	7.95
374.3	10.03	408.4	9.34	442.4	8.93	476.3	8.33	510.0	7.95
374.9	10.03	409.0	9.34	443.0	8.93	476.9	8.32	510.6	7.95
375.5	10.03	409.7	9.33	443.6	8.92	477.5	8.31	511.2	7.96
376.1	10.01	410.3	9.33	444.3	8.91	478.1	8.29	511.9	7.94
376.8	10.00	410.9	9.32	444.9	8.88	478.7	8.29	512.5	7.93
377.4	9.99	411.5	9.32	445.5	8.87	479.4	8.28	513.1	7.92
378.0	9.99	412.1	9.32	446.1	8.86	480.0	8.28	513.7	7.91
378.6	9.97	412.7	9.31	446.7	8.85	480.6	8.29	514.3	7.90
379.3	9.97	413.4	9.30	447.3	8.84	481.2	8.27	514.9	7.88
379.9	9.95	414.0	9.30	448.0	8.85	481.8	8.26	515.5	7.87

516.1	7.85	549.7	7.49	583.2	7.00	616.5	6.46	649.7	6.21
516.7	7.85	550.3	7.49	583.8	6.99	617.1	6.46	650.3	6.21
517.4	7.85	550.9	7.49	584.4	6.97	617.7	6.45	650.9	6.21
518.0	7.84	551.5	7.48	585.0	6.97	618.3	6.45	651.5	6.21
518.6	7.83	552.2	7.47	585.6	6.95	618.9	6.45	652.1	6.20
519.2	7.82	552.8	7.47	586.2	6.94	619.5	6.44	652.7	6.20
519.8	7.82	553.4	7.47	586.8	6.93	620.1	6.43	653.3	6.19
520.4	7.81	554.0	7.46	587.4	6.92	620.7	6.43	653.9	6.17
521.0	7.81	554.6	7.45	588.0	6.91	621.3	6.42	654.5	6.18
521.6	7.81	555.2	7.46	588.6	6.89	621.9	6.41	655.1	6.18
522.3	7.80	555.8	7.46	589.2	6.87	622.5	6.41	655.7	6.17
522.9	7.80	556.4	7.46	589.8	6.86	623.1	6.41	656.3	6.17
523.5	7.80	557.0	7.45	590.5	6.83	623.7	6.41	656.9	6.16
524.1	7.80	557.6	7.43	591.1	6.80	624.3	6.40	657.5	6.15
524.7	7.80	558.2	7.42	591.7	6.76	625.	6.39	658.1	6.16
525.3	7.78	558.9	7.41	592.3	6.73	625.6	6.39	658.7	6.16
525.9	7.76	559.5	7.39	592.9	6.69	626.2	6.38	659.3	6.15
526.5	7.76	560.1	7.39	593.5	6.66	626.8	6.38	659.9	6.14
527.1	7.75	560.7	7.39	594.1	6.63	627.4	6.38	660.5	6.14
527.8	7.75	561.3	7.38	594.7	6.61	628.0	6.38	661.1	6.14
528.4	7.74	561.9	7.38	595.3	6.60	628.6	6.37	661.7	6.14
529.0	7.73	562.5	7.37	595.9	6.59	629.2	6.37	662.3	6.14
529.6	7.72	563.1	7.35	596.5	6.58	629.8	6.36	662.9	6.14
530.2	7.70	563.7	7.33	597.1	6.58	630.4	6.36	663.5	6.14
530.8	7.70	564.3	7.31	597.7	6.58	631.0	6.34	664.1	6.13
531.4	7.70	564.9	7.31	598.3	6.57	631.6	6.34	664.7	6.12
532.0	7.70	565.5	7.31	598.9	6.56	632.2	6.34	665.3	6.12
532.6	7.69	566.2	7.28	599.5	6.56	632.8	6.34	665.9	6.11
533.2	7.69	566.8	7.27	600.1	6.57	633.4	6.33	666.5	6.11
533.9	7.69	567.4	7.26	600.8	6.57	634.0	6.34	667.1	6.10
534.5	7.67	568.0	7.26	601.4	6.56	634.6	6.34	667.7	6.10
535.1	7.66	568.6	7.24	602.0	6.56	635.2	6.32	668.3	6.10
535.7	7.65	569.2	7.24	602.6	6.56	635.8	6.32	668.9	6.09
536.3	7.64	569.8	7.24	603.2	6.56	636.4	6.31	669.5	6.09
536.9	7.63	570.4	7.24	603.8	6.55	637.0	6.30	670.1	6.08
537.5	7.63	571.0	7.23	604.4	6.55	637.6	6.31	670.7	6.07
538.1	7.62	571.6	7.21	605.0	6.55	638.2	6.30	671.3	6.07
538.7	7.62	572.2	7.20	605.6	6.55	638.8	6.31	671.9	6.06
539.4	7.60	572.8	7.19	606.2	6.55	639.4	6.30	672.5	6.07
540.0	7.59	573.5	7.17	606.8	6.54	640.0	6.29	673.1	6.06
540.6	7.58	574.1	7.17	607.4	6.53	640.6	6.29	673.7	6.06
541.2	7.56	574.7	7.16	608.0	6.53	641.2	6.28	674.3	6.06
541.8	7.55	575.3	7.15	608.6	6.53	641.8	6.28	674.9	6.06
542.4	7.53	575.9	7.14	609.2	6.51	642.5	6.28	675.5	6.05
543.0	7.53	576.5	7.13	609.8	6.50	643.1	6.27	676.1	6.04
543.6	7.52	577.1	7.12	610.4	6.49	643.7	6.27	676.7	6.03
544.2	7.52	577.7	7.10	611.0	6.49	644.3	6.28	677.3	6.03
544.8	7.51	578.3	7.09	611.7	6.49	644.9	6.27	677.9	6.03
545.5	7.50	578.9	7.08	612.3	6.49	645.5	6.27	678.5	6.03
546.1	7.51	579.5	7.07	612.9	6.49	646.1	6.26	679.1	6.02
546.7	7.50	580.1	7.07	613.5	6.49	646.7	6.26	679.7	6.01
547.3	7.50	580.7	7.04	614.1	6.48	647.3	6.25	680.3	6.00
547.9	7.50	581.3	7.02	614.7	6.49	647.9	6.23	680.9	5.99
548.5	7.50	582.	7.01	615.3	6.48	648.5	6.23	681.5	5.99
549.1	7.49	582.6	7.00	615.9	6.46	649.1	6.22	682.1	5.98

682.7	5.98	715.7	5.78	748.5	5.55
683.3	5.97	716.3	5.78	749.1	5.54
683.9	5.97	716.9	5.77	749.7	5.54
684.5	5.97	717.5	5.76	750.3	5.54
685.1	5.96	718.1	5.76	750.8	5.53
685.7	5.96	718.7	5.76	751.4	5.53
686.3	5.95	719.3	5.73	752.0	5.53
686.9	5.95	719.9	5.74	752.6	5.53
687.5	5.94	720.4	5.73	753.2	5.53
688.1	5.93	721.0	5.72	753.8	5.53
688.7	5.93	721.6	5.72	754.4	5.52
689.3	5.92	722.2	5.73	755.0	5.52
689.9	5.91	722.8	5.71	755.6	5.51
690.5	5.91	723.4	5.71	756.2	5.50
691.1	5.90	724.0	5.71	756.8	5.50
691.7	5.90	724.6	5.72	757.4	5.50
692.3	5.89	725.2	5.71	758.0	5.50
692.9	5.89	725.8	5.70	758.6	5.50
693.5	5.89	726.4	5.70	759.2	5.49
694.1	5.88	727.0	5.69	759.8	5.49
694.7	5.88	727.6	5.68	760.	5.49
695.3	5.88	728.2	5.67		
695.9	5.87	728.8	5.68		
696.5	5.87	729.4	5.66		
697.1	5.87	730.0	5.65		
697.7	5.87	730.6	5.65		
698.3	5.87	731.2	5.65		
698.9	5.86	731.8	5.64		
699.5	5.86	732.4	5.63		
700.1	5.85	733.0	5.63		
700.7	5.84	733.6	5.64		
701.3	5.84	734.2	5.62		
701.9	5.84	734.8	5.62		
702.5	5.83	735.4	5.61		
703.1	5.83	736.	5.61		
703.7	5.83	736.6	5.60		
704.3	5.82	737.2	5.60		
704.9	5.81	737.7	5.60		
705.5	5.80	738.3	5.60		
706.1	5.80	738.9	5.59		
706.7	5.79	739.5	5.60		
707.3	5.80	740.1	5.59		
707.9	5.79	740.7	5.59		
708.5	5.79	741.3	5.59		
709.1	5.79	741.9	5.59		
709.7	5.79	742.5	5.58		
710.3	5.79	743.1	5.58		
710.9	5.79	743.7	5.57		
711.5	5.78	744.3	5.57		
712.1	5.78	744.9	5.57		
712.7	5.78	745.5	5.56		
713.3	5.78	746.1	5.56		
713.9	5.78	746.7	5.57		
714.5	5.78	747.3	5.56		
715.1	5.78	747.9	5.55		

Date of Launch	:	08/19/94	32.3	29.17	67.7	23.81	103.	21.39	138.1	18.51
Time of Launch	:	06:40:04	32.9	29.16	68.3	23.80	103.6	21.35	138.7	18.48
Sequence #	:	12	33.5	29.15	69.0	23.76	104.2	21.28	139.4	18.43
Latitude	:	26 45.156 N	34.2	29.15	69.6	23.72	104.9	21.23	140.0	18.37
Longitude	:	93 59.845 W	34.8	29.14	70.2	23.69	105.5	21.17	140.7	18.32
			35.5	29.12	70.9	23.66	106.2	21.12	141.3	18.27
0.6		28.99	36.1	29.09	71.5	23.55	106.8	21.05	141.9	18.23
1.2		29.26	36.8	29.03	72.2	23.45	107.4	20.99	142.6	18.19
1.9		29.35	37.4	29.00	72.8	23.39	108.1	20.94	143.2	18.11
2.5		29.37	38.1	28.99	73.5	23.32	108.7	20.89	143.8	18.04
3.2		29.39	38.7	28.95	74.1	23.26	109.4	20.81	144.5	17.99
3.8		29.38	39.3	28.91	74.7	23.19	110.0	20.77	145.1	17.96
4.5		29.39	40.0	28.91	75.4	23.13	110.6	20.76	145.8	17.95
5.1		29.39	40.6	28.90	76.0	23.10	111.3	20.75	146.4	17.95
5.8		29.40	41.3	28.90	76.7	23.07	111.9	20.69	147.0	17.93
6.4		29.40	41.9	28.83	77.3	23.03	112.6	20.60	147.7	17.91
7.1		29.40	42.6	28.74	77.9	23.01	113.2	20.48	148.3	17.89
7.7		29.41	43.2	28.55	78.6	22.99	113.8	20.44	148.9	17.84
8.4		29.41	43.9	28.38	79.2	22.96	114.5	20.41	149.6	17.76
9.0		29.42	44.5	28.27	79.9	22.96	115.1	20.36	150.2	17.69
9.7		29.45	45.1	28.21	80.5	22.95	115.8	20.30	150.9	17.66
10.3		29.46	45.8	28.17	81.2	22.94	116.4	20.22	151.5	17.65
10.9		29.43	46.4	27.98	81.8	22.92	117.0	20.16	152.1	17.65
11.6		29.42	47.1	27.46	82.4	22.90	117.7	20.13	152.8	17.65
12.2		29.39	47.7	26.90	83.1	22.87	118.3	20.10	153.4	17.65
12.9		29.36	48.4	26.46	83.7	22.85	118.9	20.01	154.0	17.64
13.5		29.35	49.0	26.02	84.4	22.77	119.6	19.95	154.7	17.63
14.2		29.33	49.7	25.70	85.0	22.72	120.2	19.87	155.3	17.61
14.8		29.32	50.3	25.44	85.6	22.68	120.9	19.83	155.9	17.58
15.5		29.30	50.9	25.31	86.3	22.65	121.5	19.77	156.6	17.54
16.1		29.30	51.6	25.22	86.9	22.59	122.1	19.73	157.2	17.50
16.8		29.28	52.2	25.12	87.6	22.51	122.8	19.71	157.9	17.48
17.4		29.29	52.9	25.04	88.2	22.41	123.4	19.68	158.5	17.46
18.1		29.28	53.5	25.00	88.9	22.33	124.1	19.66	159.1	17.42
18.7		29.28	54.2	24.94	89.5	22.26	124.7	19.61	159.8	17.42
19.3		29.27	54.8	24.84	90.1	22.20	125.3	19.53	160.4	17.41
20.0		29.28	55.4	24.78	90.8	22.13	126.0	19.47	161.0	17.40
20.6		29.26	56.1	24.72	91.4	22.07	126.6	19.33	161.7	17.36
21.3		29.25	56.7	24.65	92.1	21.99	127.3	19.20	162.3	17.31
21.9		29.25	57.4	24.61	92.7	21.95	127.9	19.15	163.	17.27
22.6		29.26	58.0	24.56	93.3	21.91	128.5	19.14	163.6	17.24
23.2		29.25	58.7	24.49	94.0	21.84	129.2	19.14	164.2	17.20
23.9		29.24	59.3	24.43	94.6	21.79	129.8	19.11	164.9	17.17
24.5		29.24	60.0	24.38	95.3	21.78	130.4	19.07	165.5	17.15
25.2		29.23	60.6	24.33	95.9	21.76	131.1	19.03	166.1	17.14
25.8		29.23	61.2	24.29	96.5	21.74	131.7	18.97	166.8	17.09
26.4		29.21	61.9	24.26	97.2	21.70	132.4	18.94	167.4	17.05
27.1		29.22	62.5	24.22	97.8	21.67	133.0	18.90	168.0	17.02
27.7		29.20	63.2	24.18	98.5	21.65	133.6	18.85	168.7	17.00
28.4		29.20	63.8	24.06	99.1	21.63	134.3	18.79	169.3	16.97
29.0		29.20	64.5	23.99	99.7	21.61	134.9	18.76	169.9	16.96
29.7		29.19	65.1	23.93	100.4	21.59	135.6	18.71	170.6	16.93
30.3		29.18	65.7	23.91	101.0	21.57	136.2	18.68	171.2	16.87
31.0		29.18	66.4	23.86	101.7	21.52	136.8	18.63	171.9	16.83
31.6		29.18	67.0	23.83	102.3	21.48	137.5	18.58	172.5	16.78

173.1	16.77	208.0	15.48	242.8	14.35	277.4	13.08	311.9	12.14
173.8	16.76	208.6	15.48	243.4	14.32	278.0	13.07	312.5	12.13
174.4	16.74	209.3	15.48	244.0	14.29	278.7	13.06	313.1	12.12
175.0	16.72	209.9	15.47	244.7	14.27	279.3	13.04	313.8	12.11
175.7	16.70	210.5	15.46	245.3	14.24	279.9	13.03	314.4	12.08
176.3	16.69	211.2	15.45	245.9	14.22	280.5	13.03	315.0	12.07
176.9	16.66	211.8	15.44	246.6	14.19	281.2	13.03	315.7	12.06
177.6	16.64	212.4	15.42	247.2	14.17	281.8	13.02	316.3	12.05
178.2	16.63	213.1	15.40	247.8	14.14	282.4	13.01	316.9	12.04
178.8	16.61	213.7	15.39	248.4	14.08	283.1	13.01	317.5	12.03
179.5	16.60	214.3	15.38	249.1	14.04	283.7	13.00	318.2	12.02
180.1	16.53	215.0	15.34	249.7	14.02	284.3	13.00	318.8	12.01
180.7	16.49	215.6	15.32	250.3	14.00	284.9	12.95	319.4	12.00
181.4	16.46	216.2	15.28	251.0	13.98	285.6	12.90	320.0	11.99
182.0	16.43	216.9	15.26	251.6	13.97	286.2	12.87	320.7	11.99
182.7	16.39	217.5	15.22	252.2	13.95	286.8	12.84	321.3	11.98
183.3	16.36	218.1	15.20	252.9	13.94	287.4	12.83	321.9	11.97
183.9	16.33	218.8	15.19	253.5	13.93	288.1	12.81	322.5	11.96
184.6	16.33	219.4	15.18	254.1	13.90	288.7	12.80	323.2	11.95
185.2	16.30	220.0	15.17	254.7	13.86	289.3	12.79	323.8	11.91
185.8	16.29	220.7	15.15	255.4	13.83	290.	12.78	324.4	11.88
186.5	16.24	221.3	15.11	256.0	13.81	290.6	12.76	325.0	11.84
187.1	16.19	221.9	15.07	256.6	13.79	291.2	12.75	325.7	11.83
187.7	16.15	222.6	15.04	257.3	13.76	291.8	12.74	326.3	11.82
188.4	16.13	223.2	15.01	257.9	13.74	292.5	12.73	326.9	11.81
189.0	16.11	223.8	15.00	258.5	13.72	293.1	12.72	327.5	11.79
189.6	16.09	224.5	14.98	259.2	13.70	293.7	12.70	328.2	11.77
190.3	16.05	225.1	14.95	259.8	13.69	294.4	12.67	328.8	11.76
190.9	16.01	225.7	14.93	260.4	13.68	295.0	12.63	329.4	11.75
191.5	16.01	226.4	14.91	261.0	13.66	295.6	12.62	330.0	11.72
192.2	15.98	227.0	14.90	261.7	13.66	296.2	12.61	330.7	11.67
192.8	15.97	227.6	14.88	262.3	13.63	296.9	12.60	331.3	11.62
193.4	15.96	228.3	14.84	262.9	13.62	297.5	12.59	331.9	11.61
194.1	15.92	228.9	14.82	263.6	13.60	298.1	12.58	332.5	11.59
194.7	15.86	229.5	14.79	264.2	13.59	298.7	12.56	333.2	11.56
195.3	15.82	230.1	14.77	264.8	13.58	299.4	12.55	333.8	11.55
196.0	15.81	230.8	14.76	265.5	13.55	300.0	12.55	334.4	11.55
196.6	15.79	231.4	14.74	266.1	13.53	300.6	12.51	335.0	11.55
197.2	15.78	232.0	14.73	266.7	13.52	301.2	12.47	335.7	11.53
197.9	15.74	232.7	14.71	267.3	13.49	301.9	12.43	336.3	11.52
198.5	15.71	233.3	14.69	268.0	13.46	302.5	12.40	336.9	11.50
199.1	15.70	233.9	14.67	268.6	13.43	303.1	12.37	337.5	11.49
199.8	15.68	234.6	14.63	269.2	13.40	303.8	12.32	338.2	11.48
200.4	15.67	235.2	14.60	269.9	13.38	304.4	12.30	338.8	11.44
201.0	15.66	235.8	14.59	270.5	13.35	305.0	12.29	339.4	11.42
201.7	15.64	236.5	14.58	271.1	13.31	305.6	12.28	340.0	11.42
202.3	15.61	237.1	14.58	271.7	13.29	306.3	12.28	340.6	11.41
202.9	15.59	237.7	14.57	272.4	13.26	306.9	12.27	341.3	11.39
203.6	15.56	238.4	14.55	273.0	13.25	307.5	12.25	341.9	11.38
204.2	15.55	239.0	14.53	273.6	13.23	308.1	12.23	342.5	11.37
204.8	15.54	239.6	14.51	274.3	13.20	308.8	12.20	343.1	11.34
205.5	15.54	240.2	14.47	274.9	13.17	309.4	12.19	343.8	11.31
206.1	15.53	240.9	14.44	275.5	13.16	310.0	12.18	344.4	11.30
206.7	15.50	241.5	14.41	276.1	13.13	310.6	12.16	345.0	11.28
207.4	15.48	242.1	14.38	276.8	13.10	311.3	12.15	345.6	11.27



346.3	11.27	380.5	10.52	414.6	9.84	448.6	9.41	482.4	8.79
346.9	11.26	381.1	10.51	415.2	9.83	449.2	9.40	483.0	8.77
347.5	11.25	381.7	10.50	415.8	9.82	449.8	9.39	483.7	8.77
348.1	11.23	382.4	10.50	416.5	9.81	450.4	9.36	484.3	8.76
348.8	11.22	383.0	10.49	417.1	9.80	451.0	9.35	484.9	8.76
349.4	11.20	383.6	10.48	417.7	9.78	451.7	9.33	485.5	8.75
350.0	11.17	384.2	10.47	418.3	9.76	452.3	9.32	486.1	8.75
350.6	11.16	384.8	10.46	418.9	9.76	452.9	9.32	486.7	8.75
351.3	11.16	385.5	10.44	419.6	9.74	453.5	9.31	487.3	8.75
351.9	11.14	386.1	10.43	420.2	9.72	454.1	9.29	487.9	8.74
352.5	11.13	386.7	10.42	420.8	9.71	454.7	9.28	488.6	8.73
353.1	11.10	387.3	10.41	421.4	9.70	455.4	9.27	489.2	8.71
353.7	11.07	388.	10.40	422.0	9.69	456.0	9.24	489.8	8.70
354.4	11.06	388.6	10.41	422.6	9.68	456.6	9.22	490.4	8.69
355.0	11.06	389.2	10.39	423.3	9.67	457.2	9.22	491.0	8.69
355.6	11.04	389.8	10.38	423.9	9.67	457.8	9.21	491.6	8.68
356.2	11.06	390.4	10.36	424.5	9.66	458.4	9.18	492.2	8.68
356.9	11.05	391.1	10.34	425.1	9.66	459.1	9.16	492.9	8.68
357.5	11.04	391.7	10.34	425.7	9.65	459.7	9.15	493.5	8.68
358.1	11.04	392.3	10.34	426.4	9.64	460.3	9.13	494.1	8.66
358.7	11.03	392.9	10.33	427.0	9.63	460.9	9.12	494.7	8.65
359.4	11.02	393.5	10.32	427.6	9.63	461.5	9.12	495.3	8.65
360.0	11.02	394.2	10.31	428.2	9.62	462.1	9.12	495.9	8.62
360.6	11.01	394.8	10.31	428.8	9.61	462.7	9.12	496.5	8.60
361.2	11.00	395.4	10.30	429.4	9.61	463.4	9.12	497.1	8.57
361.8	10.99	396.0	10.29	430.1	9.61	464.0	9.12	497.8	8.56
362.5	10.98	396.6	10.27	430.7	9.60	464.6	9.10	498.4	8.54
363.1	10.95	397.3	10.26	431.3	9.61	465.2	9.08	499.0	8.51
363.7	10.93	397.9	10.24	431.9	9.60	465.8	9.08	499.6	8.51
364.3	10.90	398.5	10.23	432.5	9.60	466.4	9.06	500.2	8.49
365.	10.88	399.1	10.22	433.2	9.59	467.1	9.06	500.8	8.49
365.6	10.87	399.7	10.21	433.8	9.58	467.7	9.04	501.4	8.48
366.2	10.86	400.4	10.17	434.4	9.55	468.3	9.04	502.1	8.47
366.8	10.84	401.0	10.14	435.0	9.53	468.9	9.04	502.7	8.47
367.4	10.83	401.6	10.13	435.6	9.52	469.5	9.04	503.3	8.45
368.1	10.82	402.2	10.11	436.2	9.50	470.1	9.03	503.9	8.43
368.7	10.80	402.8	10.09	436.9	9.50	470.7	9.02	504.5	8.42
369.3	10.79	403.5	10.07	437.5	9.49	471.4	9.01	505.1	8.41
369.9	10.77	404.1	10.06	438.1	9.48	472.0	8.98	505.7	8.41
370.6	10.76	404.7	10.04	438.7	9.46	472.6	8.98	506.3	8.40
371.2	10.75	405.3	10.03	439.3	9.47	473.2	8.97	507.	8.39
371.8	10.75	405.9	10.03	439.9	9.46	473.8	8.95	507.6	8.38
372.4	10.73	406.6	10.01	440.6	9.46	474.4	8.95	508.2	8.36
373.0	10.71	407.2	9.98	441.2	9.45	475.0	8.94	508.8	8.34
373.7	10.68	407.8	9.95	441.8	9.44	475.7	8.94	509.4	8.33
374.3	10.66	408.4	9.94	442.4	9.45	476.3	8.93	510.0	8.33
374.9	10.64	409.0	9.93	443.0	9.44	476.9	8.92	510.6	8.30
375.5	10.64	409.7	9.92	443.6	9.44	477.5	8.92	511.2	8.30
376.1	10.64	410.3	9.92	444.3	9.43	478.1	8.90	511.9	8.29
376.8	10.63	410.9	9.90	444.9	9.43	478.7	8.89	512.5	8.28
377.4	10.60	411.5	9.89	445.5	9.43	479.4	8.89	513.1	8.25
378.0	10.57	412.1	9.88	446.1	9.43	480.0	8.86	513.7	8.23
378.6	10.55	412.7	9.87	446.7	9.43	480.6	8.85	514.3	8.21
379.3	10.54	413.4	9.85	447.3	9.42	481.2	8.82	514.9	8.19
379.9	10.54	414.0	9.84	448.0	9.42	481.8	8.80	515.5	8.17

516.1	8.16	549.7	7.76	583.2	7.34	616.5	6.98	649.7	6.66
516.7	8.16	550.3	7.76	583.8	7.34	617.1	6.97	650.3	6.65
517.4	8.16	550.9	7.75	584.4	7.33	617.7	6.97	650.9	6.65
518.0	8.15	551.5	7.73	585.0	7.32	618.3	6.96	651.5	6.64
518.6	8.13	552.2	7.72	585.6	7.30	618.9	6.95	652.1	6.63
519.2	8.12	552.8	7.70	586.2	7.30	619.5	6.95	652.7	6.63
519.8	8.09	553.4	7.70	586.8	7.29	620.1	6.94	653.3	6.62
520.4	8.08	554.0	7.69	587.4	7.29	620.7	6.94	653.9	6.61
521.0	8.05	554.6	7.68	588.0	7.28	621.3	6.93	654.5	6.61
521.6	8.04	555.2	7.68	588.6	7.28	621.9	6.91	655.1	6.60
522.3	8.03	555.8	7.67	589.2	7.28	622.5	6.91	655.7	6.60
522.9	8.02	556.4	7.66	589.8	7.28	623.1	6.90	656.3	6.60
523.5	8.02	557.0	7.66	590.5	7.27	623.7	6.88	656.9	6.60
524.1	8.02	557.6	7.66	591.1	7.26	624.3	6.87	657.5	6.60
524.7	8.00	558.2	7.66	591.7	7.26	625.	6.87	658.1	6.57
525.3	7.99	558.9	7.66	592.3	7.26	625.6	6.87	658.7	6.57
525.9	7.96	559.5	7.64	592.9	7.25	626.2	6.86	659.3	6.55
526.5	7.94	560.1	7.63	593.5	7.25	626.8	6.85	659.9	6.55
527.1	7.95	560.7	7.62	594.1	7.24	627.4	6.85	660.5	6.55
527.8	7.94	561.3	7.62	594.7	7.24	628.0	6.84	661.1	6.54
528.4	7.94	561.9	7.62	595.3	7.23	628.6	6.83	661.7	6.53
529.0	7.94	562.5	7.62	595.9	7.22	629.2	6.83	662.3	6.50
529.6	7.94	563.1	7.60	596.5	7.22	629.8	6.83	662.9	6.50
530.2	7.95	563.7	7.59	597.1	7.22	630.4	6.82	663.5	6.50
530.8	7.96	564.3	7.59	597.7	7.20	631.0	6.82	664.1	6.49
531.4	7.96	564.9	7.57	598.3	7.20	631.6	6.81	664.7	6.49
532.0	7.94	565.5	7.55	598.9	7.19	632.2	6.80	665.3	6.50
532.6	7.93	566.2	7.53	599.5	7.19	632.8	6.79	665.9	6.49
533.2	7.91	566.8	7.52	600.1	7.18	633.4	6.78	666.5	6.49
533.9	7.90	567.4	7.50	600.8	7.17	634.0	6.77	667.1	6.49
534.5	7.89	568.0	7.50	601.4	7.17	634.6	6.78	667.7	6.49
535.1	7.88	568.6	7.50	602.0	7.17	635.2	6.76	668.3	6.49
535.7	7.87	569.2	7.49	602.6	7.15	635.8	6.76	668.9	6.48
536.3	7.88	569.8	7.49	603.2	7.13	636.4	6.75	669.5	6.48
536.9	7.87	570.4	7.49	603.8	7.11	637.0	6.75	670.1	6.48
537.5	7.86	571.0	7.49	604.4	7.10	637.6	6.75	670.7	6.47
538.1	7.86	571.6	7.48	605.0	7.10	638.2	6.74	671.3	6.46
538.7	7.85	572.2	7.48	605.6	7.10	638.8	6.74	671.9	6.46
539.4	7.84	572.8	7.47	606.2	7.10	639.4	6.72	672.5	6.46
540.0	7.83	573.5	7.46	606.8	7.09	640.0	6.71	673.1	6.45
540.6	7.82	574.1	7.44	607.4	7.08	640.6	6.71	673.7	6.44
541.2	7.82	574.7	7.44	608.0	7.07	641.2	6.70	674.3	6.45
541.8	7.81	575.3	7.43	608.6	7.06	641.8	6.70	674.9	6.44
542.4	7.82	575.9	7.41	609.2	7.06	642.5	6.70	675.5	6.44
543.0	7.81	576.5	7.41	609.8	7.06	643.1	6.69	676.1	6.42
543.6	7.79	577.1	7.41	610.4	7.05	643.7	6.69	676.7	6.41
544.2	7.79	577.7	7.40	611.0	7.05	644.3	6.69	677.3	6.41
544.8	7.78	578.3	7.39	611.7	7.03	644.9	6.69	677.9	6.41
545.5	7.79	578.9	7.39	612.3	7.04	645.5	6.69	678.5	6.40
546.1	7.79	579.5	7.38	612.9	7.02	646.1	6.69	679.1	6.40
546.7	7.79	580.1	7.37	613.5	7.01	646.7	6.68	679.7	6.40
547.3	7.78	580.7	7.37	614.1	7.00	647.3	6.68	680.3	6.40
547.9	7.78	581.3	7.35	614.7	7.00	647.9	6.67	680.9	6.39
548.5	7.77	582.	7.35	615.3	6.99	648.5	6.67	681.5	6.39
549.1	7.76	582.6	7.34	615.9	6.99	649.1	6.66	682.1	6.38

682.7	6.39	715.7	6.12	748.5	5.88
683.3	6.39	716.3	6.12	749.1	5.87
683.9	6.38	716.9	6.10	749.7	5.87
684.5	6.38	717.5	6.09	750.3	5.86
685.1	6.38	718.1	6.09	750.8	5.86
685.7	6.38	718.7	6.10	751.4	5.86
686.3	6.37	719.3	6.08	752.0	5.87
686.9	6.37	719.9	6.08	752.6	5.86
687.5	6.37	720.4	6.08	753.2	5.87
688.1	6.37	721.0	6.07	753.8	5.86
688.7	6.36	721.6	6.07	754.4	5.85
689.3	6.36	722.2	6.07	755.0	5.84
689.9	6.35	722.8	6.06	755.6	5.84
690.5	6.35	723.4	6.05	756.2	5.84
691.1	6.37	724.0	6.04	756.8	5.84
691.7	6.35	724.6	6.03	757.4	5.83
692.3	6.35	725.2	6.03	758.0	5.83
692.9	6.35	725.8	6.01	758.6	5.83
693.5	6.35	726.4	6.00	759.2	5.83
694.1	6.34	727.0	5.99	759.8	5.83
694.7	6.33	727.6	6.00	760.	5.83
695.3	6.32	728.2	5.99		
695.9	6.30	728.8	5.99		
696.5	6.29	729.4	5.98		
697.1	6.30	730.0	5.98		
697.7	6.28	730.6	5.98		
698.3	6.28	731.2	5.98		
698.9	6.28	731.8	5.98		
699.5	6.28	732.4	5.97		
700.1	6.27	733.0	5.97		
700.7	6.26	733.6	5.97		
701.3	6.26	734.2	5.97		
701.9	6.26	734.8	5.97		
702.5	6.26	735.4	5.96		
703.1	6.25	736.	5.96		
703.7	6.25	736.6	5.96		
704.3	6.25	737.2	5.96		
704.9	6.23	737.7	5.95		
705.5	6.24	738.3	5.95		
706.1	6.23	738.9	5.95		
706.7	6.22	739.5	5.94		
707.3	6.21	740.1	5.94		
707.9	6.19	740.7	5.92		
708.5	6.19	741.3	5.92		
709.1	6.18	741.9	5.92		
709.7	6.18	742.5	5.91		
710.3	6.18	743.1	5.91		
710.9	6.16	743.7	5.90		
711.5	6.16	744.3	5.89		
712.1	6.15	744.9	5.89		
712.7	6.14	745.5	5.90		
713.3	6.14	746.1	5.88		
713.9	6.14	746.7	5.89		
714.5	6.13	747.3	5.88		
715.1	6.12	747.9	5.87		

Date of Launch	: 08/19/94	32.3	28.91	67.7	23.84	103.	22.17	138.1	19.88
Time of Launch	: 12:25:19	32.9	28.90	68.3	23.81	103.6	22.15	138.7	19.84
Sequence #	: 13	33.5	28.90	69.0	23.77	104.2	22.11	139.4	19.79
Latitude	: 26 59.246 N	34.2	28.89	69.6	23.75	104.9	22.07	140.0	19.73
Longitude	: 94 59.411 W	34.8	28.86	70.2	23.71	105.5	22.01	140.7	19.69
		35.5	28.82	70.9	23.67	106.2	21.96	141.3	19.63
0.6	29.06	36.1	28.78	71.5	23.62	106.8	21.91	141.9	19.57
1.2	29.09	36.8	28.75	72.2	23.60	107.4	21.88	142.6	19.55
1.9	29.10	37.4	28.73	72.8	23.53	108.1	21.83	143.2	19.53
2.5	29.10	38.1	28.71	73.5	23.48	108.7	21.79	143.8	19.49
3.2	29.10	38.7	28.65	74.1	23.46	109.4	21.72	144.5	19.41
3.8	29.10	39.3	28.63	74.7	23.44	110.0	21.69	145.1	19.34
4.5	29.11	40.0	28.59	75.4	23.41	110.6	21.63	145.8	19.31
5.1	29.11	40.6	28.45	76.0	23.39	111.3	21.58	146.4	19.28
5.8	29.11	41.3	28.32	76.7	23.33	111.9	21.57	147.0	19.25
6.4	29.10	41.9	28.24	77.3	23.29	112.6	21.51	147.7	19.24
7.1	29.10	42.6	28.07	77.9	23.26	113.2	21.48	148.3	19.20
7.7	29.10	43.2	27.90	78.6	23.23	113.8	21.42	148.9	19.19
8.4	29.11	43.9	27.52	79.2	23.22	114.5	21.35	149.6	19.17
9.0	29.11	44.5	27.02	79.9	23.20	115.1	21.33	150.2	19.14
9.7	29.10	45.1	26.62	80.5	23.16	115.8	21.31	150.9	19.10
10.3	29.11	45.8	26.12	81.2	23.09	116.4	21.28	151.5	19.03
10.9	29.10	46.4	25.73	81.8	23.00	117.0	21.26	152.1	18.97
11.6	29.10	47.1	25.53	82.4	22.98	117.7	21.20	152.8	18.93
12.2	29.10	47.7	25.39	83.1	22.93	118.3	21.17	153.4	18.91
12.9	29.10	48.4	25.33	83.7	22.87	118.9	21.09	154.0	18.90
13.5	29.10	49.0	25.27	84.4	22.83	119.6	21.05	154.7	18.89
14.2	29.10	49.7	25.13	85.0	22.81	120.2	21.02	155.3	18.87
14.8	29.09	50.3	25.08	85.6	22.78	120.9	21.01	155.9	18.83
15.5	29.10	50.9	25.05	86.3	22.78	121.5	20.97	156.6	18.78
16.1	29.10	51.6	25.03	86.9	22.75	122.1	20.86	157.2	18.73
16.8	29.10	52.2	24.91	87.6	22.73	122.8	20.80	157.9	18.66
17.4	29.10	52.9	24.84	88.2	22.69	123.4	20.77	158.5	18.61
18.1	29.10	53.5	24.79	88.9	22.66	124.1	20.74	159.1	18.54
18.7	29.09	54.2	24.75	89.5	22.65	124.7	20.71	159.8	18.50
19.3	29.10	54.8	24.69	90.1	22.61	125.3	20.68	160.4	18.45
20.0	29.09	55.4	24.62	90.8	22.59	126.0	20.67	161.0	18.38
20.6	29.09	56.1	24.58	91.4	22.58	126.6	20.64	161.7	18.35
21.3	29.09	56.7	24.54	92.1	22.57	127.3	20.60	162.3	18.31
21.9	29.07	57.4	24.50	92.7	22.52	127.9	20.59	163.	18.29
22.6	29.07	58.0	24.45	93.3	22.51	128.5	20.56	163.6	18.27
23.2	29.07	58.7	24.41	94.0	22.49	129.2	20.52	164.2	18.22
23.9	29.07	59.3	24.37	94.6	22.46	129.8	20.43	164.9	18.20
24.5	29.05	60.0	24.35	95.3	22.44	130.4	20.31	165.5	18.15
25.2	29.05	60.6	24.33	95.9	22.40	131.1	20.28	166.1	18.09
25.8	29.03	61.2	24.32	96.5	22.37	131.7	20.27	166.8	18.03
26.4	29.02	61.9	24.30	97.2	22.35	132.4	20.23	167.4	17.99
27.1	29.01	62.5	24.24	97.8	22.32	133.0	20.21	168.0	17.97
27.7	29.00	63.2	24.17	98.5	22.29	133.6	20.18	168.7	17.96
28.4	28.98	63.8	24.11	99.1	22.27	134.3	20.11	169.3	17.86
29.0	28.96	64.5	24.07	99.7	22.27	134.9	20.08	169.9	17.80
29.7	28.95	65.1	24.03	100.4	22.24	135.6	20.04	170.6	17.74
30.3	28.94	65.7	24.00	101.0	22.22	136.2	20.03	171.2	17.70
31.0	28.93	66.4	23.94	101.7	22.21	136.8	20.01	171.9	17.65
31.6	28.92	67.0	23.88	102.3	22.21	137.5	19.94	172.5	17.60

173.1	17.58	208.0	16.11	242.8	14.81	277.4	13.67	311.9	12.79
173.8	17.51	208.6	16.08	243.4	14.82	278.0	13.65	312.5	12.77
174.4	17.45	209.3	16.06	244.0	14.80	278.7	13.65	313.1	12.75
175.0	17.41	209.9	16.04	244.7	14.78	279.3	13.64	313.8	12.74
175.7	17.38	210.5	16.02	245.3	14.75	279.9	13.63	314.4	12.72
176.3	17.34	211.2	15.99	245.9	14.73	280.5	13.62	315.0	12.70
176.9	17.31	211.8	15.98	246.6	14.71	281.2	13.61	315.7	12.66
177.6	17.29	212.4	15.96	247.2	14.69	281.8	13.60	316.3	12.64
178.2	17.27	213.1	15.95	247.8	14.67	282.4	13.58	316.9	12.63
178.8	17.23	213.7	15.92	248.4	14.65	283.1	13.55	317.5	12.60
179.5	17.21	214.3	15.90	249.1	14.61	283.7	13.54	318.2	12.58
180.1	17.18	215.0	15.87	249.7	14.56	284.3	13.53	318.8	12.57
180.7	17.14	215.6	15.85	250.3	14.54	284.9	13.52	319.4	12.55
181.4	17.12	216.2	15.84	251.0	14.52	285.6	13.52	320.0	12.53
182.0	17.09	216.9	15.84	251.6	14.51	286.2	13.52	320.7	12.48
182.7	17.07	217.5	15.80	252.2	14.50	286.8	13.51	321.3	12.45
183.3	17.05	218.1	15.75	252.9	14.49	287.4	13.50	321.9	12.45
183.9	17.04	218.8	15.74	253.5	14.47	288.1	13.49	322.5	12.44
184.6	17.03	219.4	15.74	254.1	14.45	288.7	13.46	323.2	12.43
185.2	17.03	220.0	15.72	254.7	14.43	289.3	13.45	323.8	12.43
185.8	17.02	220.7	15.72	255.4	14.41	290.	13.43	324.4	12.42
186.5	17.01	221.3	15.71	256.0	14.41	290.6	13.42	325.0	12.43
187.1	17.00	221.9	15.70	256.6	14.40	291.2	13.40	325.7	12.39
187.7	17.00	222.6	15.69	257.3	14.40	291.8	13.36	326.3	12.35
188.4	16.97	223.2	15.66	257.9	14.38	292.5	13.35	326.9	12.32
189.0	16.95	223.8	15.62	258.5	14.36	293.1	13.34	327.5	12.30
189.6	16.92	224.5	15.60	259.2	14.34	293.7	13.31	328.2	12.29
190.3	16.91	225.1	15.58	259.8	14.32	294.4	13.29	328.8	12.28
190.9	16.89	225.7	15.58	260.4	14.29	295.0	13.28	329.4	12.28
191.5	16.89	226.4	15.56	261.0	14.26	295.6	13.25	330.0	12.27
192.2	16.88	227.0	15.53	261.7	14.23	296.2	13.24	330.7	12.27
192.8	16.86	227.6	15.48	262.3	14.21	296.9	13.23	331.3	12.26
193.4	16.84	228.3	15.44	262.9	14.17	297.5	13.21	331.9	12.25
194.1	16.83	228.9	15.42	263.6	14.14	298.1	13.20	332.5	12.22
194.7	16.81	229.5	15.40	264.2	14.12	298.7	13.19	333.2	12.21
195.3	16.74	230.1	15.39	264.8	14.09	299.4	13.18	333.8	12.20
196.0	16.67	230.8	15.37	265.5	14.03	300.0	13.18	334.4	12.18
196.6	16.63	231.4	15.35	266.1	13.97	300.6	13.17	335.0	12.16
197.2	16.60	232.0	15.30	266.7	13.96	301.2	13.16	335.7	12.15
197.9	16.57	232.7	15.24	267.3	13.94	301.9	13.15	336.3	12.12
198.5	16.54	233.3	15.19	268.0	13.91	302.5	13.14	336.9	12.11
199.1	16.49	233.9	15.15	268.6	13.88	303.1	13.11	337.5	12.10
199.8	16.43	234.6	15.13	269.2	13.86	303.8	13.07	338.2	12.08
200.4	16.41	235.2	15.09	269.9	13.83	304.4	13.06	338.8	12.07
201.0	16.38	235.8	15.07	270.5	13.83	305.0	13.04	339.4	12.05
201.7	16.36	236.5	15.03	271.1	13.79	305.6	13.02	340.0	12.02
202.3	16.35	237.1	15.00	271.7	13.76	306.3	12.99	340.6	11.97
202.9	16.33	237.7	14.98	272.4	13.75	306.9	12.97	341.3	11.96
203.6	16.28	238.4	14.96	273.0	13.73	307.5	12.93	341.9	11.95
204.2	16.25	239.0	14.92	273.6	13.73	308.1	12.89	342.5	11.93
204.8	16.22	239.6	14.92	274.3	13.72	308.8	12.86	343.1	11.92
205.5	16.19	240.2	14.91	274.9	13.70	309.4	12.86	343.8	11.89
206.1	16.19	240.9	14.89	275.5	13.70	310.0	12.84	344.4	11.88
206.7	16.16	241.5	14.85	276.1	13.68	310.6	12.82	345.0	11.87
207.4	16.13	242.1	14.82	276.8	13.68	311.3	12.80	345.6	11.86

346.3	11.85	380.5	11.22	414.6	10.54	448.6	9.79	482.4	9.14
346.9	11.84	381.1	11.20	415.2	10.53	449.2	9.77	483.0	9.14
347.5	11.83	381.7	11.18	415.8	10.52	449.8	9.76	483.7	9.13
348.1	11.81	382.4	11.17	416.5	10.52	450.4	9.75	484.3	9.12
348.8	11.82	383.0	11.18	417.1	10.52	451.0	9.73	484.9	9.11
349.4	11.79	383.6	11.16	417.7	10.50	451.7	9.73	485.5	9.11
350.0	11.79	384.2	11.16	418.3	10.50	452.3	9.72	486.1	9.11
350.6	11.78	384.8	11.14	418.9	10.48	452.9	9.70	486.7	9.10
351.3	11.77	385.5	11.13	419.6	10.47	453.5	9.69	487.3	9.09
351.9	11.77	386.1	11.12	420.2	10.44	454.1	9.68	487.9	9.07
352.5	11.76	386.7	11.12	420.8	10.42	454.7	9.67	488.6	9.06
353.1	11.74	387.3	11.11	421.4	10.42	455.4	9.66	489.2	9.05
353.7	11.72	388.	11.09	422.0	10.39	456.0	9.64	489.8	9.03
354.4	11.71	388.6	11.09	422.6	10.38	456.6	9.63	490.4	9.01
355.0	11.70	389.2	11.08	423.3	10.36	457.2	9.62	491.0	9.01
355.6	11.68	389.8	11.08	423.9	10.36	457.8	9.61	491.6	8.99
356.2	11.68	390.4	11.08	424.5	10.34	458.4	9.60	492.2	8.97
356.9	11.66	391.1	11.07	425.1	10.33	459.1	9.60	492.9	8.96
357.5	11.64	391.7	11.06	425.7	10.33	459.7	9.59	493.5	8.95
358.1	11.61	392.3	11.05	426.4	10.32	460.3	9.56	494.1	8.94
358.7	11.60	392.9	11.03	427.0	10.31	460.9	9.55	494.7	8.93
359.4	11.59	393.5	11.01	427.6	10.28	461.5	9.53	495.3	8.93
360.0	11.58	394.2	10.99	428.2	10.26	462.1	9.52	495.9	8.92
360.6	11.58	394.8	10.99	428.8	10.26	462.7	9.49	496.5	8.91
361.2	11.57	395.4	10.97	429.4	10.24	463.4	9.47	497.1	8.89
361.8	11.55	396.0	10.95	430.1	10.23	464.0	9.45	497.8	8.86
362.5	11.53	396.6	10.94	430.7	10.20	464.6	9.43	498.4	8.84
363.1	11.51	397.3	10.93	431.3	10.19	465.2	9.43	499.0	8.83
363.7	11.50	397.9	10.91	431.9	10.17	465.8	9.42	499.6	8.82
364.3	11.49	398.5	10.88	432.5	10.17	466.4	9.41	500.2	8.81
365.	11.48	399.1	10.87	433.2	10.16	467.1	9.41	500.8	8.79
365.6	11.48	399.7	10.86	433.8	10.15	467.7	9.40	501.4	8.79
366.2	11.47	400.4	10.86	434.4	10.14	468.3	9.40	502.1	8.78
366.8	11.46	401.0	10.86	435.0	10.12	468.9	9.40	502.7	8.78
367.4	11.47	401.6	10.85	435.6	10.11	469.5	9.39	503.3	8.77
368.1	11.46	402.2	10.84	436.2	10.10	470.1	9.38	503.9	8.76
368.7	11.46	402.8	10.83	436.9	10.10	470.7	9.37	504.5	8.77
369.3	11.44	403.5	10.82	437.5	10.09	471.4	9.35	505.1	8.77
369.9	11.43	404.1	10.82	438.1	10.08	472.0	9.34	505.7	8.76
370.6	11.42	404.7	10.80	438.7	10.07	472.6	9.34	506.3	8.75
371.2	11.40	405.3	10.79	439.3	10.07	473.2	9.32	507.	8.74
371.8	11.38	405.9	10.79	439.9	10.05	473.8	9.31	507.6	8.73
372.4	11.38	406.6	10.77	440.6	10.04	474.4	9.28	508.2	8.73
373.0	11.37	407.2	10.72	441.2	10.03	475.0	9.25	508.8	8.70
373.7	11.36	407.8	10.67	441.8	10.01	475.7	9.24	509.4	8.69
374.3	11.36	408.4	10.64	442.4	9.99	476.3	9.23	510.0	8.69
374.9	11.33	409.0	10.61	443.0	9.97	476.9	9.21	510.6	8.68
375.5	11.32	409.7	10.60	443.6	9.95	477.5	9.22	511.2	8.67
376.1	11.30	410.3	10.60	444.3	9.93	478.1	9.21	511.9	8.66
376.8	11.30	410.9	10.59	444.9	9.91	478.7	9.21	512.5	8.65
377.4	11.28	411.5	10.59	445.5	9.88	479.4	9.20	513.1	8.64
378.0	11.26	412.1	10.59	446.1	9.86	480.0	9.19	513.7	8.64
378.6	11.24	412.7	10.58	446.7	9.84	480.6	9.17	514.3	8.64
379.3	11.24	413.4	10.58	447.3	9.82	481.2	9.15	514.9	8.63
379.9	11.23	414.0	10.56	448.0	9.81	481.8	9.14	515.5	8.61

516.1	8.61	549.7	8.08	583.2	7.63	616.5	7.22	649.7	6.93
516.7	8.60	550.3	8.07	583.8	7.62	617.1	7.22	650.3	6.92
517.4	8.60	550.9	8.06	584.4	7.61	617.7	7.21	650.9	6.92
518.0	8.59	551.5	8.05	585.0	7.61	618.3	7.21	651.5	6.91
518.6	8.57	552.2	8.04	585.6	7.60	618.9	7.21	652.1	6.90
519.2	8.57	552.8	8.04	586.2	7.59	619.5	7.22	652.7	6.91
519.8	8.56	553.4	8.04	586.8	7.60	620.1	7.21	653.3	6.90
520.4	8.56	554.0	8.02	587.4	7.59	620.7	7.21	653.9	6.89
521.0	8.54	554.6	8.02	588.0	7.59	621.3	7.19	654.5	6.88
521.6	8.53	555.2	8.02	588.6	7.58	621.9	7.18	655.1	6.87
522.3	8.53	555.8	8.02	589.2	7.57	622.5	7.18	655.7	6.86
522.9	8.52	556.4	8.02	589.8	7.57	623.1	7.17	656.3	6.85
523.5	8.52	557.0	8.01	590.5	7.56	623.7	7.16	656.9	6.85
524.1	8.51	557.6	8.01	591.1	7.55	624.3	7.15	657.5	6.85
524.7	8.50	558.2	7.99	591.7	7.54	625.	7.15	658.1	6.85
525.3	8.49	558.9	7.98	592.3	7.54	625.6	7.16	658.7	6.85
525.9	8.48	559.5	7.97	592.9	7.53	626.2	7.15	659.3	6.85
526.5	8.47	560.1	7.95	593.5	7.53	626.8	7.14	659.9	6.84
527.1	8.46	560.7	7.94	594.1	7.52	627.4	7.14	660.5	6.84
527.8	8.46	561.3	7.92	594.7	7.52	628.0	7.13	661.1	6.84
528.4	8.46	561.9	7.91	595.3	7.50	628.6	7.12	661.7	6.83
529.0	8.45	562.5	7.91	595.9	7.49	629.2	7.12	662.3	6.84
529.6	8.44	563.1	7.91	596.5	7.49	629.8	7.11	662.9	6.83
530.2	8.44	563.7	7.90	597.1	7.47	630.4	7.11	663.5	6.82
530.8	8.42	564.3	7.90	597.7	7.48	631.0	7.11	664.1	6.80
531.4	8.41	564.9	7.87	598.3	7.47	631.6	7.10	664.7	6.80
532.0	8.40	565.5	7.85	598.9	7.46	632.2	7.08	665.3	6.79
532.6	8.39	566.2	7.85	599.5	7.46	632.8	7.08	665.9	6.78
533.2	8.38	566.8	7.83	600.1	7.45	633.4	7.07	666.5	6.78
533.9	8.37	567.4	7.82	600.8	7.46	634.0	7.07	667.1	6.77
534.5	8.37	568.0	7.81	601.4	7.45	634.6	7.06	667.7	6.76
535.1	8.36	568.6	7.81	602.0	7.44	635.2	7.06	668.3	6.75
535.7	8.34	569.2	7.80	602.6	7.44	635.8	7.05	668.9	6.75
536.3	8.32	569.8	7.79	603.2	7.43	636.4	7.05	669.5	6.74
536.9	8.31	570.4	7.79	603.8	7.41	637.0	7.04	670.1	6.73
537.5	8.30	571.0	7.78	604.4	7.38	637.6	7.03	670.7	6.73
538.1	8.30	571.6	7.77	605.0	7.37	638.2	7.02	671.3	6.73
538.7	8.29	572.2	7.77	605.6	7.36	638.8	7.00	671.9	6.72
539.4	8.27	572.8	7.75	606.2	7.34	639.4	7.00	672.5	6.72
540.0	8.26	573.5	7.75	606.8	7.33	640.0	7.00	673.1	6.71
540.6	8.26	574.1	7.73	607.4	7.32	640.6	6.99	673.7	6.71
541.2	8.25	574.7	7.72	608.0	7.30	641.2	6.99	674.3	6.71
541.8	8.23	575.3	7.72	608.6	7.31	641.8	6.98	674.9	6.72
542.4	8.20	575.9	7.71	609.2	7.30	642.5	6.98	675.5	6.70
543.0	8.19	576.5	7.70	609.8	7.30	643.1	6.98	676.1	6.69
543.6	8.18	577.1	7.69	610.4	7.30	643.7	6.97	676.7	6.69
544.2	8.17	577.7	7.68	611.0	7.28	644.3	6.97	677.3	6.69
544.8	8.17	578.3	7.68	611.7	7.28	644.9	6.96	677.9	6.69
545.5	8.16	578.9	7.67	612.3	7.28	645.5	6.95	678.5	6.68
546.1	8.16	579.5	7.67	612.9	7.28	646.1	6.95	679.1	6.67
546.7	8.14	580.1	7.65	613.5	7.26	646.7	6.95	679.7	6.66
547.3	8.14	580.7	7.65	614.1	7.27	647.3	6.94	680.3	6.66
547.9	8.12	581.3	7.64	614.7	7.26	647.9	6.93	680.9	6.65
548.5	8.11	582.	7.64	615.3	7.25	648.5	6.93	681.5	6.64
549.1	8.09	582.6	7.63	615.9	7.23	649.1	6.93	682.1	6.64

682.7	6.63	715.7	6.35	748.5	6.10
683.3	6.63	716.3	6.35	749.1	6.09
683.9	6.62	716.9	6.34	749.7	6.09
684.5	6.62	717.5	6.33	750.3	6.08
685.1	6.62	718.1	6.33	750.8	6.09
685.7	6.62	718.7	6.33	751.4	6.08
686.3	6.60	719.3	6.33	752.0	6.09
686.9	6.60	719.9	6.31	752.6	6.08
687.5	6.60	720.4	6.31	753.2	6.07
688.1	6.58	721.0	6.32	753.8	6.06
688.7	6.57	721.6	6.32	754.4	6.05
689.3	6.57	722.2	6.31	755.0	6.06
689.9	6.56	722.8	6.31	755.6	6.06
690.5	6.57	723.4	6.30	756.2	6.05
691.1	6.56	724.0	6.30	756.8	6.05
691.7	6.56	724.6	6.30	757.4	6.05
692.3	6.55	725.2	6.30	758.0	6.05
692.9	6.54	725.8	6.28	758.6	6.04
693.5	6.53	726.4	6.27	759.2	6.05
694.1	6.52	727.0	6.26	759.8	6.04
694.7	6.52	727.6	6.26	760.	6.03
695.3	6.52	728.2	6.24		
695.9	6.51	728.8	6.23		
696.5	6.51	729.4	6.23		
697.1	6.50	730.0	6.22		
697.7	6.50	730.6	6.23		
698.3	6.51	731.2	6.23		
698.9	6.49	731.8	6.22		
699.5	6.49	732.4	6.22		
700.1	6.48	733.0	6.22		
700.7	6.47	733.6	6.22		
701.3	6.46	734.2	6.22		
701.9	6.46	734.8	6.20		
702.5	6.45	735.4	6.21		
703.1	6.46	736.	6.20		
703.7	6.45	736.6	6.19		
704.3	6.44	737.2	6.20		
704.9	6.45	737.7	6.19		
705.5	6.44	738.3	6.19		
706.1	6.43	738.9	6.18		
706.7	6.43	739.5	6.18		
707.3	6.42	740.1	6.17		
707.9	6.41	740.7	6.15		
708.5	6.40	741.3	6.15		
709.1	6.40	741.9	6.14		
709.7	6.39	742.5	6.15		
710.3	6.40	743.1	6.15		
710.9	6.40	743.7	6.13		
711.5	6.38	744.3	6.13		
712.1	6.38	744.9	6.13		
712.7	6.37	745.5	6.12		
713.3	6.36	746.1	6.12		
713.9	6.37	746.7	6.12		
714.5	6.36	747.3	6.11		
715.1	6.36	747.9	6.10		



Date of Launch	: 08/19/94	32.3	28.81	67.7	22.44	103.	19.42	138.1	17.66
Time of Launch	: 15:33:55	32.9	28.80	68.3	22.41	103.6	19.39	138.7	17.60
Sequence #	: 14	33.5	28.79	69.0	22.39	104.2	19.36	139.4	17.55
Latitude	: 27 06.093 N	34.2	28.77	69.6	22.36	104.9	19.34	140.0	17.51
Longitude	: 95 29.991 W	34.8	28.75	70.2	22.34	105.5	19.28	140.7	17.47
		35.5	28.68	70.9	22.31	106.2	19.23	141.3	17.40
0.6	28.99	36.1	28.50	71.5	22.28	106.8	19.21	141.9	17.29
1.2	28.94	36.8	28.45	72.2	22.19	107.4	19.20	142.6	17.22
1.9	28.99	37.4	28.42	72.8	22.10	108.1	19.20	143.2	17.18
2.5	29.00	38.1	28.39	73.5	22.00	108.7	19.20	143.8	17.15
3.2	29.02	38.7	28.34	74.1	21.87	109.4	19.17	144.5	17.14
3.8	29.02	39.3	28.30	74.7	21.73	110.0	19.14	145.1	17.12
4.5	29.02	40.0	28.20	75.4	21.61	110.6	19.11	145.8	17.10
5.1	29.02	40.6	28.09	76.0	21.55	111.3	19.09	146.4	17.06
5.8	29.02	41.3	28.00	76.7	21.53	111.9	19.04	147.0	17.04
6.4	29.02	41.9	27.88	77.3	21.51	112.6	18.98	147.7	17.02
7.1	28.99	42.6	27.71	77.9	21.45	113.2	18.98	148.3	16.97
7.7	28.98	43.2	27.52	78.6	21.35	113.8	18.99	148.9	16.92
8.4	28.97	43.9	27.23	79.2	21.28	114.5	18.99	149.6	16.89
9.0	28.96	44.5	26.97	79.9	21.23	115.1	18.99	150.2	16.86
9.7	28.96	45.1	26.73	80.5	21.19	115.8	18.99	150.9	16.80
10.3	28.95	45.8	26.51	81.2	21.08	116.4	18.95	151.5	16.72
10.9	28.95	46.4	26.25	81.8	21.02	117.0	18.90	152.1	16.67
11.6	28.95	47.1	26.00	82.4	20.99	117.7	18.85	152.8	16.63
12.2	28.95	47.7	25.82	83.1	20.97	118.3	18.83	153.4	16.62
12.9	28.95	48.4	25.58	83.7	20.91	118.9	18.81	154.0	16.61
13.5	28.94	49.0	25.45	84.4	20.84	119.6	18.78	154.7	16.60
14.2	28.95	49.7	25.36	85.0	20.74	120.2	18.72	155.3	16.58
14.8	28.94	50.3	25.24	85.6	20.68	120.9	18.70	155.9	16.54
15.5	28.94	50.9	25.04	86.3	20.60	121.5	18.66	156.6	16.48
16.1	28.94	51.6	24.93	86.9	20.56	122.1	18.62	157.2	16.44
16.8	28.94	52.2	24.81	87.6	20.50	122.8	18.55	157.9	16.39
17.4	28.94	52.9	24.60	88.2	20.38	123.4	18.46	158.5	16.36
18.1	28.94	53.5	24.40	88.9	20.31	124.1	18.42	159.1	16.32
18.7	28.94	54.2	24.27	89.5	20.26	124.7	18.37	159.8	16.26
19.3	28.94	54.8	24.20	90.1	20.24	125.3	18.31	160.4	16.19
20.0	28.94	55.4	24.14	90.8	20.20	126.0	18.28	161.0	16.13
20.6	28.94	56.1	24.04	91.4	20.13	126.6	18.27	161.7	16.00
21.3	28.94	56.7	23.81	92.1	20.08	127.3	18.26	162.3	15.88
21.9	28.94	57.4	23.66	92.7	19.99	127.9	18.26	163.	15.80
22.6	28.94	58.0	23.55	93.3	19.93	128.5	18.23	163.6	15.74
23.2	28.93	58.7	23.44	94.0	19.89	129.2	18.18	164.2	15.64
23.9	28.94	59.3	23.35	94.6	19.83	129.8	18.12	164.9	15.59
24.5	28.93	60.0	23.29	95.3	19.81	130.4	18.09	165.5	15.52
25.2	28.93	60.6	23.24	95.9	19.79	131.1	18.07	166.1	15.46
25.8	28.93	61.2	23.16	96.5	19.76	131.7	18.04	166.8	15.43
26.4	28.92	61.9	23.04	97.2	19.72	132.4	18.02	167.4	15.42
27.1	28.91	62.5	22.97	97.8	19.63	133.0	17.99	168.0	15.42
27.7	28.90	63.2	22.89	98.5	19.60	133.6	17.95	168.7	15.40
28.4	28.89	63.8	22.80	99.1	19.54	134.3	17.93	169.3	15.35
29.0	28.87	64.5	22.72	99.7	19.51	134.9	17.88	169.9	15.32
29.7	28.86	65.1	22.64	100.4	19.48	135.6	17.80	170.6	15.26
30.3	28.83	65.7	22.53	101.0	19.46	136.2	17.76	171.2	15.21
31.0	28.82	66.4	22.46	101.7	19.44	136.8	17.73	171.9	15.17
31.6	28.81	67.0	22.44	102.3	19.44	137.5	17.70	172.5	15.11

173.1	15.08	208.0	13.08	242.8	12.37	277.4	11.76	311.9	11.12
173.8	15.06	208.6	13.08	243.4	12.36	278.0	11.74	312.5	11.12
174.4	15.05	209.3	13.08	244.0	12.35	278.7	11.73	313.1	11.12
175.0	15.00	209.9	13.08	244.7	12.34	279.3	11.72	313.8	11.12
175.7	14.93	210.5	13.07	245.3	12.33	279.9	11.73	314.4	11.11
176.3	14.88	211.2	13.06	245.9	12.33	280.5	11.72	315.0	11.08
176.9	14.84	211.8	13.05	246.6	12.32	281.2	11.71	315.7	11.07
177.6	14.81	212.4	13.04	247.2	12.32	281.8	11.70	316.3	11.06
178.2	14.79	213.1	13.01	247.8	12.29	282.4	11.70	316.9	11.03
178.8	14.74	213.7	13.00	248.4	12.29	283.1	11.70	317.5	11.00
179.5	14.70	214.3	12.97	249.1	12.28	283.7	11.68	318.2	10.95
180.1	14.67	215.0	12.95	249.7	12.27	284.3	11.67	318.8	10.92
180.7	14.67	215.6	12.94	250.3	12.25	284.9	11.66	319.4	10.90
181.4	14.65	216.2	12.93	251.0	12.24	285.6	11.65	320.0	10.88
182.0	14.65	216.9	12.94	251.6	12.21	286.2	11.64	320.7	10.87
182.7	14.61	217.5	12.93	252.2	12.19	286.8	11.63	321.3	10.86
183.3	14.56	218.1	12.91	252.9	12.16	287.4	11.63	321.9	10.85
183.9	14.50	218.8	12.90	253.5	12.16	288.1	11.62	322.5	10.83
184.6	14.48	219.4	12.89	254.1	12.15	288.7	11.61	323.2	10.82
185.2	14.47	220.0	12.88	254.7	12.15	289.3	11.59	323.8	10.79
185.8	14.43	220.7	12.87	255.4	12.14	290.	11.57	324.4	10.78
186.5	14.38	221.3	12.86	256.0	12.13	290.6	11.56	325.0	10.73
187.1	14.34	221.9	12.83	256.6	12.12	291.2	11.55	325.7	10.69
187.7	14.29	222.6	12.83	257.3	12.10	291.8	11.54	326.3	10.67
188.4	14.26	223.2	12.82	257.9	12.09	292.5	11.54	326.9	10.67
189.0	14.23	223.8	12.81	258.5	12.09	293.1	11.53	327.5	10.65
189.6	14.19	224.5	12.78	259.2	12.08	293.7	11.53	328.2	10.65
190.3	14.16	225.1	12.72	259.8	12.06	294.4	11.52	328.8	10.65
190.9	14.12	225.7	12.68	260.4	12.04	295.0	11.51	329.4	10.64
191.5	14.10	226.4	12.65	261.0	12.01	295.6	11.52	330.0	10.64
192.2	14.08	227.0	12.63	261.7	11.99	296.2	11.51	330.7	10.64
192.8	14.05	227.6	12.61	262.3	11.97	296.9	11.49	331.3	10.64
193.4	14.01	228.3	12.60	262.9	11.96	297.5	11.48	331.9	10.64
194.1	13.99	228.9	12.59	263.6	11.95	298.1	11.47	332.5	10.63
194.7	13.98	229.5	12.58	264.2	11.94	298.7	11.45	333.2	10.62
195.3	13.91	230.1	12.58	264.8	11.93	299.4	11.42	333.8	10.61
196.0	13.89	230.8	12.58	265.5	11.92	300.0	11.40	334.4	10.58
196.6	13.87	231.4	12.57	266.1	11.92	300.6	11.39	335.0	10.55
197.2	13.83	232.0	12.56	266.7	11.91	301.2	11.38	335.7	10.53
197.9	13.78	232.7	12.55	267.3	11.88	301.9	11.37	336.3	10.53
198.5	13.76	233.3	12.53	268.0	11.87	302.5	11.33	336.9	10.52
199.1	13.70	233.9	12.52	268.6	11.86	303.1	11.32	337.5	10.52
199.8	13.65	234.6	12.51	269.2	11.86	303.8	11.29	338.2	10.51
200.4	13.61	235.2	12.49	269.9	11.84	304.4	11.28	338.8	10.51
201.0	13.54	235.8	12.47	270.5	11.84	305.0	11.28	339.4	10.51
201.7	13.44	236.5	12.47	271.1	11.83	305.6	11.28	340.0	10.50
202.3	13.39	237.1	12.46	271.7	11.82	306.3	11.26	340.6	10.49
202.9	13.35	237.7	12.45	272.4	11.82	306.9	11.25	341.3	10.49
203.6	13.31	238.4	12.45	273.0	11.81	307.5	11.24	341.9	10.49
204.2	13.29	239.0	12.43	273.6	11.80	308.1	11.25	342.5	10.49
204.8	13.26	239.6	12.42	274.3	11.79	308.8	11.24	343.1	10.47
205.5	13.18	240.2	12.39	274.9	11.77	309.4	11.23	343.8	10.45
206.1	13.12	240.9	12.39	275.5	11.77	310.0	11.19	344.4	10.45
206.7	13.09	241.5	12.38	276.1	11.77	310.6	11.14	345.0	10.44
207.4	13.08	242.1	12.37	276.8	11.76	311.3	11.13	345.6	10.44

346.3	10.43	380.5	9.93	414.6	9.43	448.6	8.98	482.4	8.59
346.9	10.42	381.1	9.92	415.2	9.42	449.2	8.96	483.0	8.58
347.5	10.41	381.7	9.91	415.8	9.42	449.8	8.95	483.7	8.58
348.1	10.39	382.4	9.91	416.5	9.43	450.4	8.95	484.3	8.57
348.8	10.37	383.0	9.90	417.1	9.43	451.0	8.94	484.9	8.55
349.4	10.36	383.6	9.89	417.7	9.43	451.7	8.93	485.5	8.54
350.0	10.34	384.2	9.87	418.3	9.43	452.3	8.92	486.1	8.53
350.6	10.34	384.8	9.86	418.9	9.43	452.9	8.92	486.7	8.52
351.3	10.33	385.5	9.84	419.6	9.41	453.5	8.91	487.3	8.51
351.9	10.30	386.1	9.83	420.2	9.41	454.1	8.90	487.9	8.49
352.5	10.30	386.7	9.84	420.8	9.41	454.7	8.88	488.6	8.50
353.1	10.29	387.3	9.83	421.4	9.40	455.4	8.88	489.2	8.50
353.7	10.28	388.	9.82	422.0	9.39	456.0	8.87	489.8	8.49
354.4	10.29	388.6	9.81	422.6	9.35	456.6	8.87	490.4	8.48
355.0	10.28	389.2	9.80	423.3	9.34	457.2	8.87	491.0	8.48
355.6	10.29	389.8	9.78	423.9	9.33	457.8	8.87	491.6	8.46
356.2	10.28	390.4	9.78	424.5	9.32	458.4	8.86	492.2	8.45
356.9	10.28	391.1	9.77	425.1	9.31	459.1	8.86	492.9	8.43
357.5	10.28	391.7	9.77	425.7	9.31	459.7	8.85	493.5	8.41
358.1	10.28	392.3	9.76	426.4	9.31	460.3	8.84	494.1	8.41
358.7	10.28	392.9	9.74	427.0	9.30	460.9	8.82	494.7	8.39
359.4	10.28	393.5	9.73	427.6	9.29	461.5	8.81	495.3	8.38
360.0	10.28	394.2	9.71	428.2	9.28	462.1	8.80	495.9	8.37
360.6	10.28	394.8	9.70	428.8	9.26	462.7	8.79	496.5	8.36
361.2	10.26	395.4	9.68	429.4	9.25	463.4	8.79	497.1	8.36
361.8	10.23	396.0	9.65	430.1	9.24	464.0	8.79	497.8	8.35
362.5	10.20	396.6	9.64	430.7	9.24	464.6	8.79	498.4	8.33
363.1	10.19	397.3	9.64	431.3	9.23	465.2	8.79	499.0	8.31
363.7	10.19	397.9	9.63	431.9	9.24	465.8	8.79	499.6	8.30
364.3	10.18	398.5	9.63	432.5	9.23	466.4	8.78	500.2	8.29
365.	10.17	399.1	9.63	433.2	9.21	467.1	8.78	500.8	8.27
365.6	10.15	399.7	9.63	433.8	9.20	467.7	8.78	501.4	8.26
366.2	10.11	400.4	9.61	434.4	9.19	468.3	8.76	502.1	8.26
366.8	10.10	401.0	9.60	435.0	9.19	468.9	8.76	502.7	8.26
367.4	10.08	401.6	9.58	435.6	9.19	469.5	8.75	503.3	8.25
368.1	10.07	402.2	9.58	436.2	9.18	470.1	8.73	503.9	8.23
368.7	10.06	402.8	9.56	436.9	9.17	470.7	8.72	504.5	8.22
369.3	10.05	403.5	9.55	437.5	9.16	471.4	8.71	505.1	8.21
369.9	10.03	404.1	9.54	438.1	9.15	472.0	8.71	505.7	8.19
370.6	10.02	404.7	9.53	438.7	9.14	472.6	8.71	506.3	8.19
371.2	10.01	405.3	9.52	439.3	9.13	473.2	8.70	507.	8.18
371.8	10.01	405.9	9.52	439.9	9.12	473.8	8.70	507.6	8.18
372.4	9.99	406.6	9.53	440.6	9.12	474.4	8.69	508.2	8.17
373.0	9.97	407.2	9.52	441.2	9.12	475.0	8.68	508.8	8.16
373.7	9.97	407.8	9.52	441.8	9.12	475.7	8.68	509.4	8.16
374.3	9.97	408.4	9.50	442.4	9.11	476.3	8.67	510.0	8.16
374.9	9.97	409.0	9.48	443.0	9.09	476.9	8.67	510.6	8.15
375.5	9.97	409.7	9.45	443.6	9.08	477.5	8.66	511.2	8.15
376.1	9.97	410.3	9.44	444.3	9.06	478.1	8.64	511.9	8.13
376.8	9.96	410.9	9.44	444.9	9.06	478.7	8.63	512.5	8.12
377.4	9.97	411.5	9.43	445.5	9.05	479.4	8.62	513.1	8.10
378.0	9.96	412.1	9.43	446.1	9.05	480.0	8.60	513.7	8.10
378.6	9.95	412.7	9.43	446.7	9.02	480.6	8.60	514.3	8.09
379.3	9.94	413.4	9.43	447.3	9.01	481.2	8.60	514.9	8.08
379.9	9.94	414.0	9.43	448.0	8.99	481.8	8.60	515.5	8.08

516.1	8.07	549.7	7.73	583.2	7.50	616.5	7.00	649.7	6.76
516.7	8.05	550.3	7.72	583.8	7.50	617.1	6.99	650.3	6.75
517.4	8.04	550.9	7.73	584.4	7.50	617.7	6.99	650.9	6.74
518.0	8.03	551.5	7.73	585.0	7.50	618.3	6.98	651.5	6.75
518.6	8.02	552.2	7.73	585.6	7.48	618.9	6.99	652.1	6.74
519.2	8.02	552.8	7.73	586.2	7.46	619.5	6.99	652.7	6.74
519.8	8.01	553.4	7.72	586.8	7.44	620.1	6.98	653.3	6.73
520.4	8.00	554.0	7.72	587.4	7.43	620.7	6.98	653.9	6.73
521.0	8.00	554.6	7.72	588.0	7.42	621.3	6.96	654.5	6.72
521.6	8.00	555.2	7.71	588.6	7.42	621.9	6.96	655.1	6.71
522.3	7.98	555.8	7.71	589.2	7.39	622.5	6.96	655.7	6.70
522.9	7.98	556.4	7.71	589.8	7.36	623.1	6.95	656.3	6.70
523.5	7.97	557.0	7.70	590.5	7.35	623.7	6.94	656.9	6.70
524.1	7.97	557.6	7.70	591.1	7.35	624.3	6.93	657.5	6.68
524.7	7.96	558.2	7.70	591.7	7.34	625.0	6.91	658.1	6.66
525.3	7.96	558.9	7.69	592.3	7.33	625.6	6.90	658.7	6.66
525.9	7.95	559.5	7.69	592.9	7.31	626.2	6.89	659.3	6.66
526.5	7.95	560.1	7.69	593.5	7.30	626.8	6.89	659.9	6.65
527.1	7.94	560.7	7.69	594.1	7.30	627.4	6.88	660.5	6.65
527.8	7.94	561.3	7.68	594.7	7.30	628.0	6.88	661.1	6.64
528.4	7.93	561.9	7.68	595.3	7.28	628.6	6.88	661.7	6.63
529.0	7.93	562.5	7.68	595.9	7.28	629.2	6.87	662.3	6.64
529.6	7.91	563.1	7.67	596.5	7.28	629.8	6.87	662.9	6.63
530.2	7.92	563.7	7.68	597.1	7.28	630.4	6.87	663.5	6.62
530.8	7.91	564.3	7.67	597.7	7.28	631.0	6.85	664.1	6.62
531.4	7.90	564.9	7.68	598.3	7.28	631.6	6.84	664.7	6.60
532.0	7.89	565.5	7.66	598.9	7.27	632.2	6.83	665.3	6.58
532.6	7.88	566.2	7.66	599.5	7.25	632.8	6.83	665.9	6.56
533.2	7.86	566.8	7.66	600.1	7.26	633.4	6.82	666.5	6.56
533.9	7.86	567.4	7.66	600.8	7.24	634.0	6.81	667.1	6.55
534.5	7.85	568.0	7.66	601.4	7.23	634.6	6.80	667.7	6.55
535.1	7.84	568.6	7.65	602.0	7.21	635.2	6.79	668.3	6.55
535.7	7.83	569.2	7.65	602.6	7.20	635.8	6.79	668.9	6.55
536.3	7.83	569.8	7.65	603.2	7.20	636.4	6.79	669.5	6.55
536.9	7.83	570.4	7.65	603.8	7.19	637.0	6.78	670.1	6.55
537.5	7.83	571.0	7.64	604.4	7.18	637.6	6.78	670.7	6.54
538.1	7.82	571.6	7.65	605.0	7.17	638.2	6.78	671.3	6.52
538.7	7.81	572.2	7.63	605.6	7.16	638.8	6.78	671.9	6.51
539.4	7.81	572.8	7.62	606.2	7.15	639.4	6.78	672.5	6.51
540.0	7.80	573.5	7.62	606.8	7.15	640.0	6.78	673.1	6.50
540.6	7.79	574.1	7.60	607.4	7.14	640.6	6.77	673.7	6.50
541.2	7.79	574.7	7.59	608.0	7.13	641.2	6.77	674.3	6.50
541.8	7.77	575.3	7.57	608.6	7.11	641.8	6.77	674.9	6.50
542.4	7.78	575.9	7.57	609.2	7.11	642.5	6.77	675.5	6.48
543.0	7.78	576.5	7.57	609.8	7.10	643.1	6.76	676.1	6.48
543.6	7.76	577.1	7.57	610.4	7.08	643.7	6.77	676.7	6.48
544.2	7.76	577.7	7.56	611.0	7.07	644.3	6.77	677.3	6.48
544.8	7.75	578.3	7.55	611.7	7.06	644.9	6.77	677.9	6.48
545.5	7.75	578.9	7.55	612.3	7.03	645.5	6.77	678.5	6.47
546.1	7.75	579.5	7.53	612.9	7.03	646.1	6.77	679.1	6.47
546.7	7.74	580.1	7.52	613.5	7.02	646.7	6.76	679.7	6.47
547.3	7.74	580.7	7.51	614.1	7.01	647.3	6.75	680.3	6.47
547.9	7.74	581.3	7.51	614.7	7.00	647.9	6.76	680.9	6.46
548.5	7.73	582.0	7.51	615.3	7.00	648.5	6.76	681.5	6.46
549.1	7.73	582.6	7.51	615.9	6.99	649.1	6.76	682.1	6.44

682.7	6.44	715.7	6.14	748.5	5.90
683.3	6.43	716.3	6.14	749.1	5.90
683.9	6.41	716.9	6.12	749.7	5.89
684.5	6.41	717.5	6.11	750.3	5.89
685.1	6.39	718.1	6.11	750.8	5.89
685.7	6.40	718.7	6.11	751.4	5.89
686.3	6.39	719.3	6.10	752.0	5.88
686.9	6.40	719.9	6.09	752.6	5.88
687.5	6.40	720.4	6.08	753.2	5.87
688.1	6.39	721.0	6.07	753.8	5.87
688.7	6.38	721.6	6.07	754.4	5.87
689.3	6.37	722.2	6.07	755.0	5.87
689.9	6.37	722.8	6.07	755.6	5.86
690.5	6.37	723.4	6.07	756.2	5.86
691.1	6.37	724.0	6.07	756.8	5.86
691.7	6.37	724.6	6.06	757.4	5.85
692.3	6.36	725.2	6.06	758.0	5.84
692.9	6.36	725.8	6.06	758.6	5.83
693.5	6.35	726.4	6.06	759.2	5.84
694.1	6.34	727.0	6.05	759.8	5.82
694.7	6.33	727.6	6.04	760.	5.82
695.3	6.33	728.2	6.03		
695.9	6.33	728.8	6.02		
696.5	6.32	729.4	6.01		
697.1	6.32	730.0	6.02		
697.7	6.31	730.6	6.01		
698.3	6.30	731.2	6.00		
698.9	6.29	731.8	6.01		
699.5	6.28	732.4	6.00		
700.1	6.27	733.0	5.99		
700.7	6.26	733.6	6.00		
701.3	6.26	734.2	6.00		
701.9	6.26	734.8	5.99		
702.5	6.26	735.4	5.99		
703.1	6.26	736.	5.99		
703.7	6.26	736.6	5.99		
704.3	6.25	737.2	5.99		
704.9	6.25	737.7	5.98		
705.5	6.25	738.3	5.98		
706.1	6.25	738.9	5.97		
706.7	6.24	739.5	5.97		
707.3	6.24	740.1	5.96		
707.9	6.24	740.7	5.95		
708.5	6.22	741.3	5.95		
709.1	6.22	741.9	5.95		
709.7	6.22	742.5	5.94		
710.3	6.21	743.1	5.93		
710.9	6.21	743.7	5.92		
711.5	6.20	744.3	5.92		
712.1	6.20	744.9	5.92		
712.7	6.20	745.5	5.92		
713.3	6.18	746.1	5.91		
713.9	6.18	746.7	5.91		
714.5	6.16	747.3	5.90		
715.1	6.16	747.9	5.91		

Date of Launch	08/19/94	32.3	24.29	67.7	20.65	103.	18.31	138.1	15.52
Time of Launch	18:33:48	32.9	24.24	68.3	20.60	103.6	18.22	138.7	15.48
Sequence #	15	33.5	24.20	69.0	20.52	104.2	18.12	139.4	15.44
Latitude	27 12.949 N	34.2	24.16	69.6	20.46	104.9	18.00	140.0	15.38
Longitude	95 59.852 W	34.8	24.06	70.2	20.39	105.5	17.86	140.7	15.34
		35.5	23.88	70.9	20.35	106.2	17.66	141.3	15.31
0.6	29.15	36.1	23.75	71.5	20.33	106.8	17.50	141.9	15.28
1.2	29.13	36.8	23.66	72.2	20.29	107.4	17.37	142.6	15.25
1.9	29.12	37.4	23.60	72.8	20.25	108.1	17.27	143.2	15.23
2.5	29.13	38.1	23.54	73.5	20.18	108.7	17.16	143.8	15.21
3.2	29.11	38.7	23.48	74.1	20.13	109.4	17.11	144.5	15.19
3.8	29.10	39.3	23.42	74.7	20.11	110.0	16.96	145.1	15.17
4.5	29.09	40.0	23.34	75.4	20.11	110.6	16.87	145.8	15.16
5.1	29.05	40.6	23.22	76.0	20.10	111.3	16.84	146.4	15.15
5.8	29.01	41.3	23.06	76.7	20.07	111.9	16.81	147.0	15.13
6.4	29.00	41.9	22.97	77.3	20.01	112.6	16.79	147.7	15.11
7.1	28.98	42.6	22.89	77.9	19.99	113.2	16.75	148.3	15.10
7.7	28.96	43.2	22.82	78.6	20.01	113.8	16.72	148.9	15.09
8.4	28.95	43.9	22.74	79.2	19.99	114.5	16.70	149.6	15.10
9.0	28.94	44.5	22.70	79.9	19.96	115.1	16.62	150.2	15.10
9.7	28.94	45.1	22.66	80.5	19.93	115.8	16.50	150.9	15.08
10.3	28.93	45.8	22.61	81.2	19.85	116.4	16.46	151.5	15.06
10.9	28.93	46.4	22.56	81.8	19.76	117.0	16.43	152.1	15.04
11.6	28.92	47.1	22.52	82.4	19.69	117.7	16.41	152.8	15.02
12.2	28.92	47.7	22.43	83.1	19.61	118.3	16.39	153.4	15.00
12.9	28.90	48.4	22.34	83.7	19.57	118.9	16.39	154.0	14.99
13.5	28.90	49.0	22.29	84.4	19.54	119.6	16.35	154.7	14.97
14.2	28.90	49.7	22.24	85.0	19.46	120.2	16.31	155.3	14.95
14.8	28.91	50.3	22.19	85.6	19.40	120.9	16.24	155.9	14.94
15.5	28.88	50.9	22.10	86.3	19.35	121.5	16.18	156.6	14.91
16.1	28.87	51.6	22.00	86.9	19.27	122.1	16.09	157.2	14.90
16.8	28.87	52.2	21.93	87.6	19.21	122.8	16.01	157.9	14.88
17.4	28.83	52.9	21.88	88.2	19.19	123.4	15.97	158.5	14.88
18.1	28.82	53.5	21.82	88.9	19.16	124.1	15.93	159.1	14.87
18.7	28.77	54.2	21.71	89.5	19.12	124.7	15.90	159.8	14.87
19.3	28.70	54.8	21.61	90.1	19.07	125.3	15.87	160.4	14.86
20.0	28.58	55.4	21.58	90.8	19.05	126.0	15.86	161.0	14.85
20.6	28.38	56.1	21.54	91.4	19.05	126.6	15.86	161.7	14.84
21.3	28.03	56.7	21.45	92.1	19.04	127.3	15.84	162.3	14.82
21.9	27.68	57.4	21.36	92.7	19.04	127.9	15.82	163.	14.82
22.6	27.38	58.0	21.24	93.3	19.01	128.5	15.79	163.6	14.80
23.2	27.13	58.7	21.16	94.0	18.97	129.2	15.78	164.2	14.80
23.9	27.01	59.3	21.09	94.6	18.93	129.8	15.76	164.9	14.79
24.5	26.87	60.0	21.04	95.3	18.90	130.4	15.75	165.5	14.80
25.2	26.65	60.6	21.01	95.9	18.85	131.1	15.73	166.1	14.79
25.8	26.32	61.2	20.96	96.5	18.81	131.7	15.70	166.8	14.77
26.4	26.13	61.9	20.89	97.2	18.80	132.4	15.69	167.4	14.75
27.1	25.85	62.5	20.86	97.8	18.79	133.0	15.68	168.0	14.75
27.7	25.62	63.2	20.84	98.5	18.78	133.6	15.64	168.7	14.73
28.4	25.39	63.8	20.82	99.1	18.77	134.3	15.61	169.3	14.74
29.0	25.23	64.5	20.78	99.7	18.72	134.9	15.60	169.9	14.73
29.7	25.03	65.1	20.74	100.4	18.69	135.6	15.59	170.6	14.71
30.3	24.89	65.7	20.72	101.0	18.63	136.2	15.57	171.2	14.69
31.0	24.75	66.4	20.71	101.7	18.55	136.8	15.56	171.9	14.68
31.6	24.48	67.0	20.69	102.3	18.42	137.5	15.54	172.5	14.64

173.1	14.61	208.0	13.38	242.8	12.41	277.4	11.82	311.9	11.10
173.8	14.56	208.6	13.36	243.4	12.40	278.0	11.83	312.5	11.09
174.4	14.53	209.3	13.36	244.0	12.39	278.7	11.81	313.1	11.08
175.0	14.50	209.9	13.34	244.7	12.39	279.3	11.81	313.8	11.07
175.7	14.48	210.5	13.34	245.3	12.36	279.9	11.80	314.4	11.06
176.3	14.47	211.2	13.33	245.9	12.36	280.5	11.79	315.0	11.04
176.9	14.45	211.8	13.34	246.6	12.35	281.2	11.79	315.7	11.02
177.6	14.46	212.4	13.32	247.2	12.35	281.8	11.78	316.3	10.99
178.2	14.44	213.1	13.32	247.8	12.34	282.4	11.77	316.9	10.95
178.8	14.42	213.7	13.33	248.4	12.33	283.1	11.76	317.5	10.93
179.5	14.43	214.3	13.33	249.1	12.32	283.7	11.74	318.2	10.92
180.1	14.43	215.0	13.33	249.7	12.32	284.3	11.70	318.8	10.90
180.7	14.42	215.6	13.33	250.3	12.30	284.9	11.66	319.4	10.89
181.4	14.41	216.2	13.31	251.0	12.28	285.6	11.65	320.0	10.86
182.0	14.40	216.9	13.29	251.6	12.27	286.2	11.63	320.7	10.84
182.7	14.36	217.5	13.26	252.2	12.27	286.8	11.62	321.3	10.82
183.3	14.31	218.1	13.24	252.9	12.25	287.4	11.58	321.9	10.81
183.9	14.26	218.8	13.24	253.5	12.25	288.1	11.56	322.5	10.80
184.6	14.22	219.4	13.23	254.1	12.22	288.7	11.52	323.2	10.80
185.2	14.20	220.0	13.22	254.7	12.20	289.3	11.49	323.8	10.79
185.8	14.17	220.7	13.21	255.4	12.19	290.	11.47	324.4	10.77
186.5	14.16	221.3	13.19	256.0	12.17	290.6	11.46	325.0	10.76
187.1	14.14	221.9	13.17	256.6	12.17	291.2	11.45	325.7	10.76
187.7	14.12	222.6	13.14	257.3	12.16	291.8	11.45	326.3	10.74
188.4	14.12	223.2	13.10	257.9	12.16	292.5	11.44	326.9	10.72
189.0	14.11	223.8	13.06	258.5	12.15	293.1	11.44	327.5	10.72
189.6	14.09	224.5	13.02	259.2	12.14	293.7	11.43	328.2	10.71
190.3	14.08	225.1	12.96	259.8	12.14	294.4	11.43	328.8	10.70
190.9	14.07	225.7	12.91	260.4	12.13	295.0	11.43	329.4	10.68
191.5	14.07	226.4	12.87	261.0	12.12	295.6	11.42	330.0	10.66
192.2	14.07	227.0	12.84	261.7	12.10	296.2	11.42	330.7	10.65
192.8	14.05	227.6	12.80	262.3	12.08	296.9	11.42	331.3	10.65
193.4	14.05	228.3	12.78	262.9	12.08	297.5	11.41	331.9	10.64
194.1	14.04	228.9	12.76	263.6	12.06	298.1	11.41	332.5	10.62
194.7	14.02	229.5	12.74	264.2	12.05	298.7	11.41	333.2	10.61
195.3	13.99	230.1	12.73	264.8	12.02	299.4	11.40	333.8	10.58
196.0	13.96	230.8	12.71	265.5	12.00	300.0	11.38	334.4	10.57
196.6	13.95	231.4	12.69	266.1	11.99	300.6	11.38	335.0	10.57
197.2	13.89	232.0	12.65	266.7	11.97	301.2	11.36	335.7	10.56
197.9	13.82	232.7	12.62	267.3	11.96	301.9	11.36	336.3	10.53
198.5	13.79	233.3	12.59	268.0	11.96	302.5	11.34	336.9	10.51
199.1	13.74	233.9	12.57	268.6	11.95	303.1	11.34	337.5	10.50
199.8	13.71	234.6	12.55	269.2	11.94	303.8	11.32	338.2	10.49
200.4	13.70	235.2	12.53	269.9	11.93	304.4	11.31	338.8	10.48
201.0	13.66	235.8	12.52	270.5	11.91	305.0	11.28	339.4	10.49
201.7	13.64	236.5	12.50	271.1	11.86	305.6	11.27	340.0	10.48
202.3	13.62	237.1	12.49	271.7	11.84	306.3	11.25	340.6	10.48
202.9	13.61	237.7	12.48	272.4	11.84	306.9	11.24	341.3	10.46
203.6	13.61	238.4	12.47	273.0	11.83	307.5	11.23	341.9	10.45
204.2	13.56	239.0	12.46	273.6	11.83	308.1	11.21	342.5	10.42
204.8	13.50	239.6	12.45	274.3	11.84	308.8	11.19	343.1	10.42
205.5	13.44	240.2	12.43	274.9	11.83	309.4	11.16	343.8	10.41
206.1	13.43	240.9	12.42	275.5	11.83	310.0	11.13	344.4	10.42
206.7	13.41	241.5	12.43	276.1	11.83	310.6	11.12	345.0	10.39
207.4	13.40	242.1	12.41	276.8	11.82	311.3	11.11	345.6	10.35

346.3	10.32	380.5	9.73	414.6	9.16	448.6	8.56
346.9	10.29	381.1	9.73	415.2	9.14	449.2	8.54
347.5	10.28	381.7	9.72	415.8	9.14	449.8	8.54
348.1	10.26	382.4	9.70	416.5	9.12	450.4	8.54
348.8	10.25	383.0	9.69	417.1	9.11	451.0	8.54
349.4	10.24	383.6	9.68	417.7	9.09	451.7	8.55
350.0	10.23	384.2	9.68	418.3	9.07	452.3	8.54
350.6	10.22	384.8	9.68	418.9	9.06	452.9	8.54
351.3	10.22	385.5	9.67	419.6	9.05	453.5	8.54
351.9	10.21	386.1	9.67	420.2	9.03	454.1	8.54
352.5	10.22	386.7	9.67	420.8	9.02	454.7	8.54
353.1	10.22	387.3	9.65	421.4	9.00	455.4	8.54
353.7	10.21	388.	9.64	422.0	8.99	456.0	8.53
354.4	10.22	388.6	9.64	422.6	8.98	456.6	8.53
355.0	10.21	389.2	9.62	423.3	8.96	457.2	8.52
355.6	10.21	389.8	9.62	423.9	8.95	457.8	8.52
356.2	10.21	390.4	9.61	424.5	8.94	458.4	8.52
356.9	10.21	391.1	9.59	425.1	8.93	459.1	8.51
357.5	10.21	391.7	9.58	425.7	8.93	459.7	8.51
358.1	10.20	392.3	9.56	426.4	8.92	460.3	8.51
358.7	10.21	392.9	9.56	427.0	8.92	460.9	8.50
359.4	10.19	393.5	9.56	427.6	8.92	461.5	8.50
360.0	10.17	394.2	9.56	428.2	8.91	462.1	8.49
360.6	10.17	394.8	9.56	428.8	8.91	462.7	8.50
361.2	10.15	395.4	9.55	429.4	8.91	463.4	8.49
361.8	10.15	396.0	9.55	430.1	8.91	464.0	8.49
362.5	10.13	396.6	9.55	430.7	8.90	464.6	8.50
363.1	10.12	397.3	9.54	431.3	8.89	465.2	8.49
363.7	10.10	397.9	9.54	431.9	8.90	465.8	8.49
364.3	10.09	398.5	9.54	432.5	8.89	466.4	8.49
365.	10.09	399.1	9.52	433.2	8.88	467.1	8.50
365.6	10.08	399.7	9.53	433.8	8.89	467.7	8.49
366.2	10.08	400.4	9.53	434.4	8.88	468.3	8.48
366.8	10.07	401.0	9.51	435.0	8.87	468.9	8.49
367.4	10.06	401.6	9.50	435.6	8.85	469.5	8.48
368.1	10.06	402.2	9.45	436.2	8.84	470.1	8.49
368.7	10.05	402.8	9.43	436.9	8.83	470.7	8.49
369.3	10.04	403.5	9.43	437.5	8.83	471.4	8.48
369.9	10.02	404.1	9.42	438.1	8.82	472.0	8.48
370.6	10.00	404.7	9.42	438.7	8.81	472.6	8.47
371.2	9.98	405.3	9.40	439.3	8.78	473.2	8.47
371.8	9.97	405.9	9.40	439.9	8.77	473.8	8.47
372.4	9.96	406.6	9.38	440.6	8.71	474.4	8.45
373.0	9.95	407.2	9.35	441.2	8.64	475.0	8.45
373.7	9.94	407.8	9.32	441.8	8.62	475.7	8.45
374.3	9.92	408.4	9.30	442.4	8.61	476.3	8.44
374.9	9.88	409.0	9.26	443.0	8.60	476.9	8.45
375.5	9.84	409.7	9.26	443.6	8.60	477.5	8.45
376.1	9.82	410.3	9.24	444.3	8.59	478.1	8.44
376.8	9.80	410.9	9.24	444.9	8.58	478.7	8.44
377.4	9.78	411.5	9.23	445.5	8.57	479.4	8.45
378.0	9.78	412.1	9.23	446.1	8.56	480.0	8.44
378.6	9.77	412.7	9.21	446.7	8.56	480.6	8.00
379.3	9.74	413.4	9.20	447.3	8.57		
379.9	9.74	414.0	9.19	448.0	8.55		

on bottom at  
z = 480 m



## BOTTLE DATA

At each CTD station on Leg One of cruise 94G-07, 30-liter Niskin bottles mounted on a General Oceanics 12-place rosette multisampler were tripped on the upcast for analysis of nutrients and dissolved oxygen, chlorophyll + phaeopigments, as well as bottle salinity. Autoanalyzer nutrient analyses were done at sea using a 6-channel Technicon AA-II analyzer, and salinity was checked at each bottle trip depth in the shipboard laboratory with Guildline Autosal model 8400B. Dissolved oxygen was measured by a modified Winkler titration method. On Leg Two, a 24-place rosette outfitted with 10-liter bottles was used instead of the 12-place, 30-liter bottle rosette.

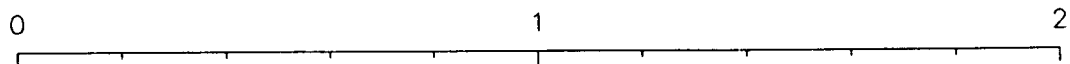
The following tables summarize temperature, salinity, nutrient, pigments, and dissolved oxygen concentrations. In the tables, Z = bottle trip depth, S = bottle salinity, and T = CTD temp. Concentrations of nutrients are reported as  $\mu$ moles/liter and of dissolved oxygen as ml/liter.

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

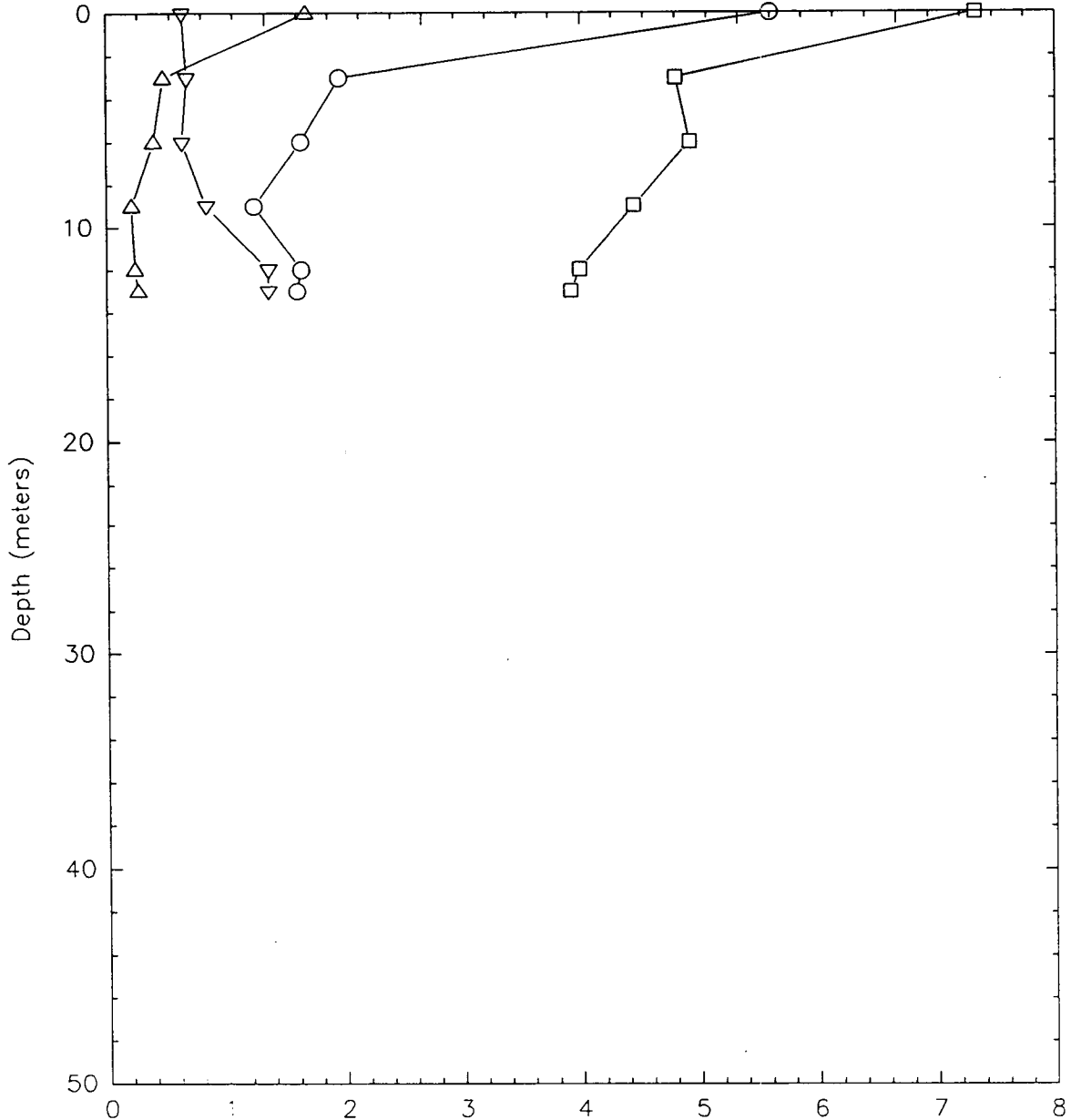
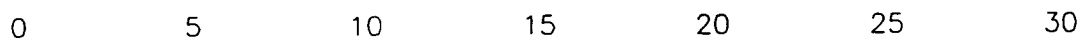
CRUISE 94G07 STATION 001 Date 8/10/94  
 LAT 28 54.297N LON 89 23.232W Time 2114Z GMT  
 Samples 6

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 umol/l	NH4 ( )	Urea ( )	PO4	SiO3	Chl (ug/L)	Pha
6	0	21.864	28.943	7.324	6.3	0.10	0.6	0.2	0.16	14.0		
5	3	26.514	28.567	4.807	1.8	0.03	0.8	0.1	0.17	4.9		
4	6	27.034	28.794	4.925	1.5	0.09	1.0	0.1	0.16	4.1		
3	9	29.956	28.909	4.455	0.8	0.59	1.6	0.2	0.21	3.1		
2	12	31.316	28.073	3.993	0.9	0.83	1.9	0.2	0.34	4.1		
1	13	31.378	28.007	3.921	1.0	0.82	1.8	0.3	0.34	4.0		

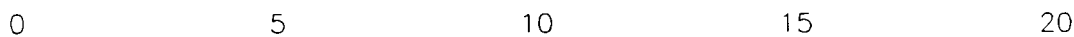
Phosphate ( $\mu\text{M/L}$ )



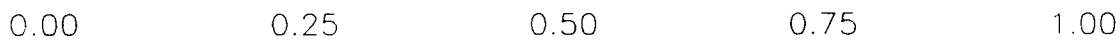
Nitrate ( $\mu\text{M/L}$ )



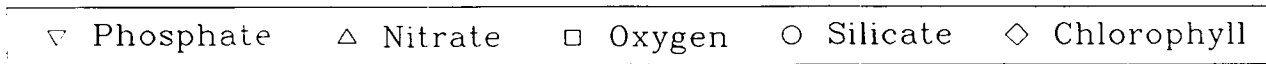
Oxygen (ml/L)



Silicate ( $\mu\text{M/L}$ )



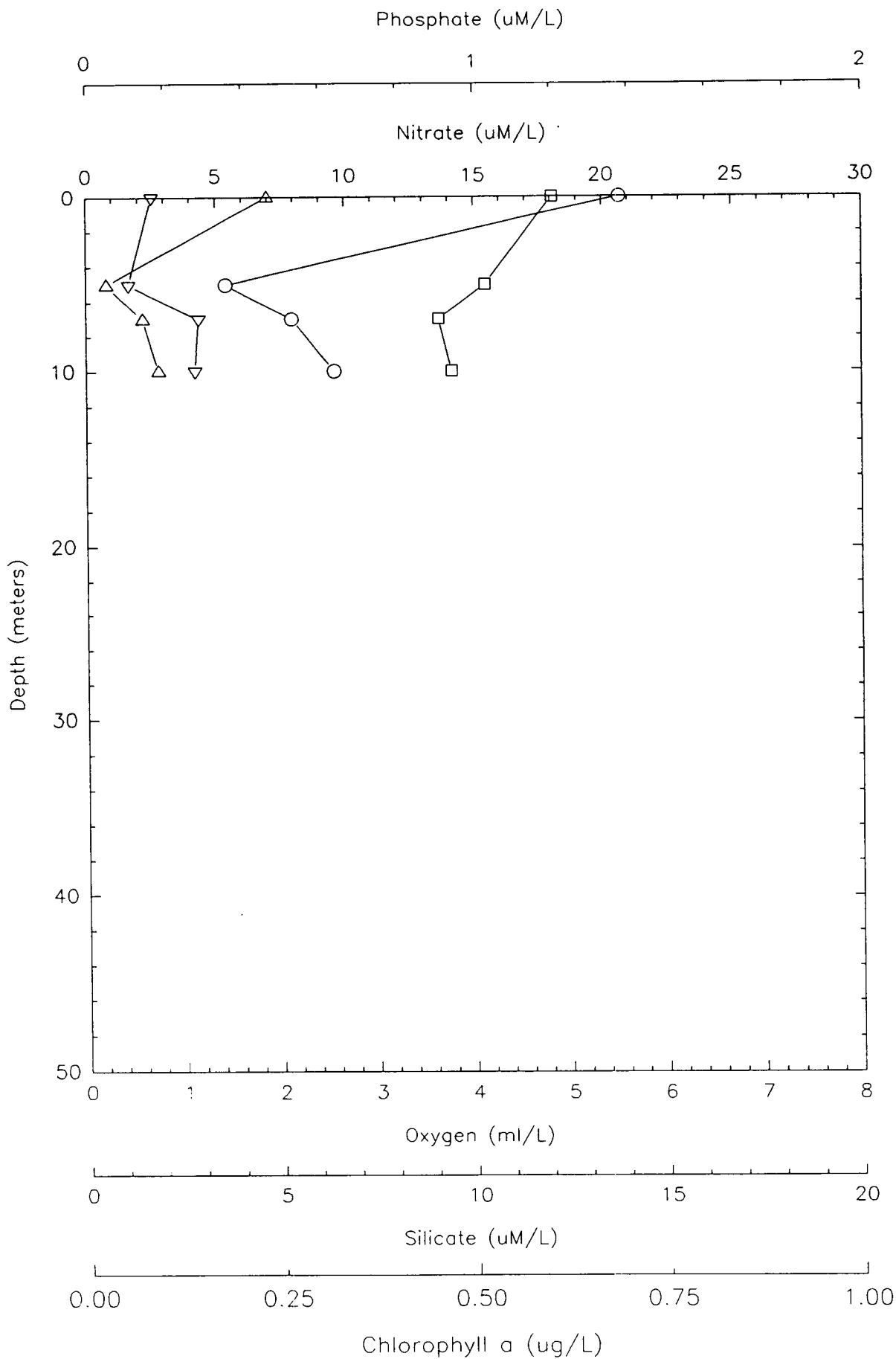
Chlorophyll a ( $\mu\text{g/L}$ )



## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE 94G07 STATION 002 Date 8/11/94  
 LAT 29 00.013N LON 89 30.051W Time 1401Z GMT  
 Samples 4

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 umol/l	NH4 ( )	Urea ( )	PO4	SiO3	Chl (ug/L)	Pha
4	0	21.005	28.515	4.822	7.0	0.63	2.8	0.4	0.17	13.8		
3	5	26.171	29.142	4.124	0.8	0.22	2.8	0.2	0.11	3.6		
2	7	29.063	29.208	3.638	2.2	1.07	1.4	0.2	0.29	5.3		
1	10	28.405	28.115	3.774	2.8	1.05	1.4	0.2	0.28	6.4		

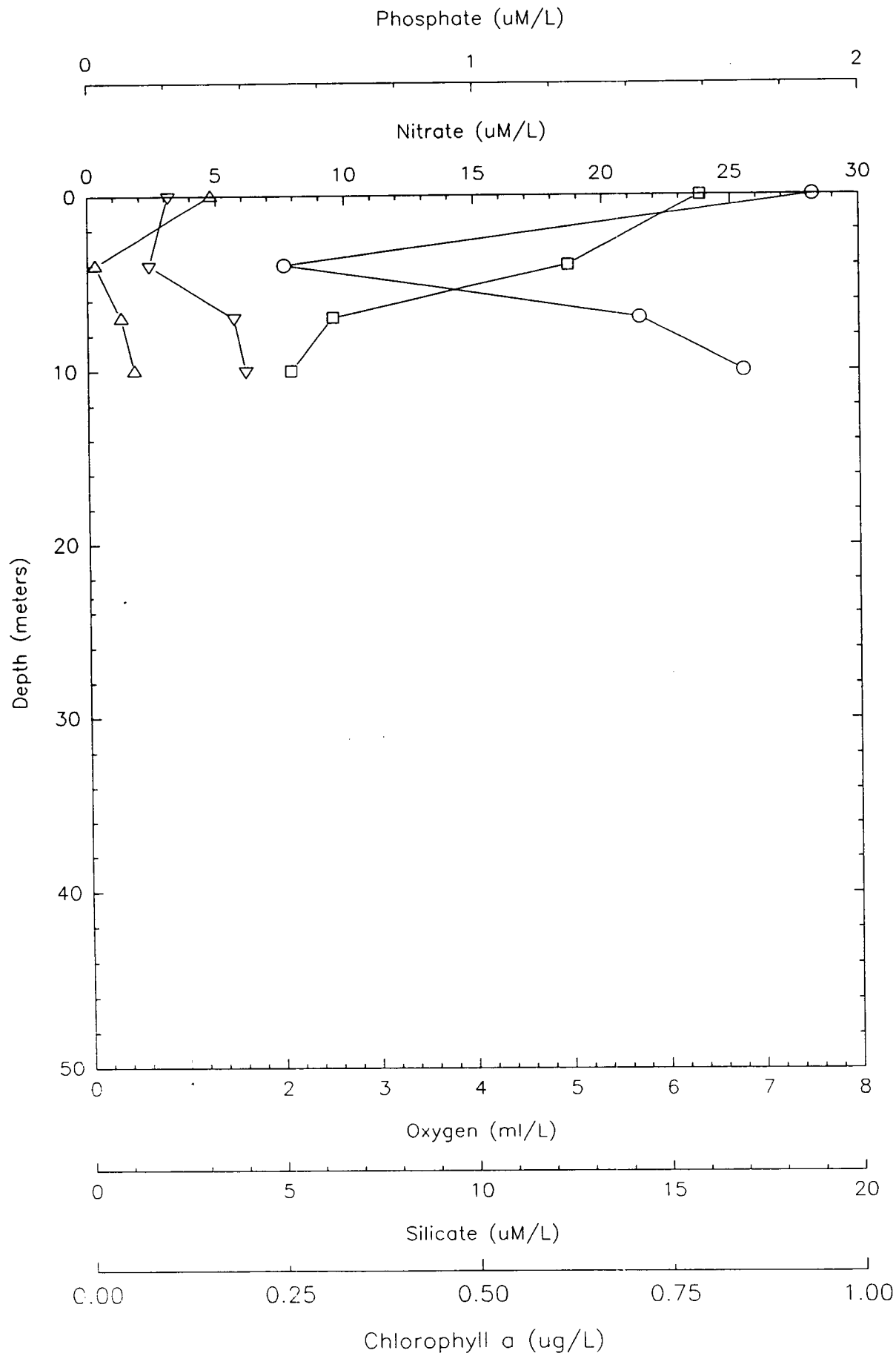


▽ Phosphate    △ Nitrate    □ Oxygen    ○ Silicate    ◇ Chlorophyll

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE 94G07 STATION 003B Date 8/12/94  
 LAT 29 06.473N LON 89 35.770W Time 1846Z GMT  
 Samples 4

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 ( umol/l )	NH4 ( )	Urea	PO4	SiO3	Chl ( ug/L )	Pha
5	0	17.550	28.726	6.355	4.8	0.15	1.0	0.4	0.21	18.8		
3	4	22.394	29.021	4.982	0.3	0.28	2.7	0.3	0.16	5.1		
2	7	26.322	28.924	2.546	1.3	1.72	3.1	0.2	0.38	14.3		
1	10	27.676	28.534	2.110	1.8	2.34	2.3	0.5	0.41	17.0		



▽ Phosphate    △ Nitrate    □ Oxygen    ○ Silicate    ◇ Chlorophyll

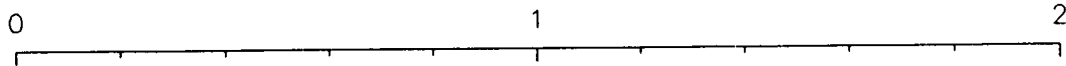
## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE 94G07 STATION 004 Date 8/13/94  
 LAT 29 07.145N LON 89 44.503W Time 2219Z GMT  
 Samples 7

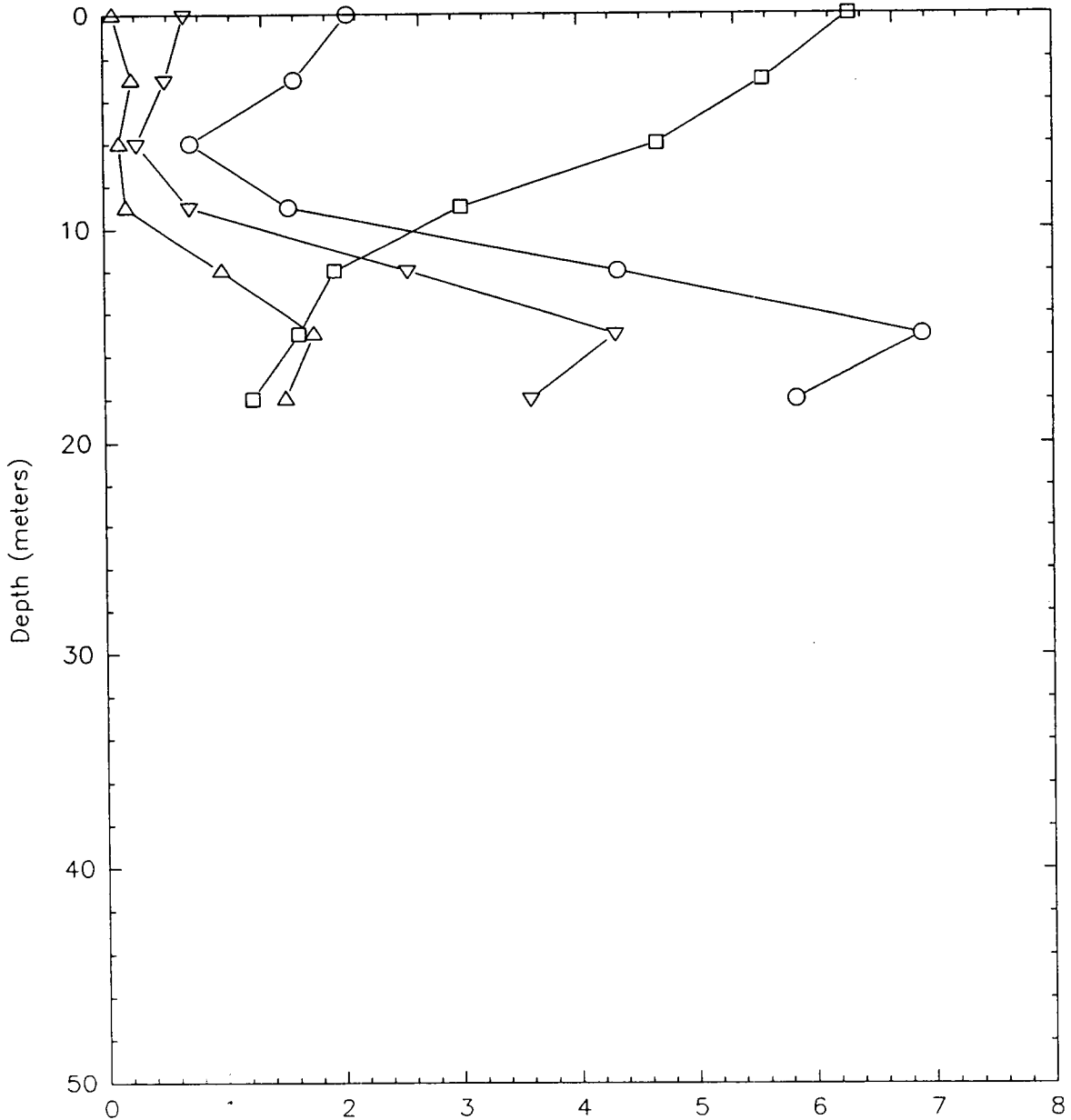
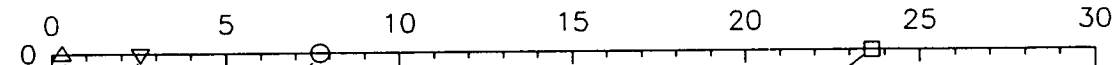
Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 umol/l	NH4 ( )	Urea ( )	PO4	SiO3	Chl (ug/L)	Pha
7	0	20.087	28.637	6.304	0.3	0.08	0.4	0.0	0.17	9.0		
6	3	21.323	28.742	5.577	0.9	0.12	2.2	0.1	0.13	7.0		
5	6	23.314	28.823	4.675	0.5	0.17	6.0	0.5	0.07	3.2		
4	9	27.523	28.833	3.011	0.7	0.71	4.7	0.1	0.18	6.8		
3	12	29.871	28.772	1.937	3.7	1.45	2.0	0.2	0.64	19.0		
2	15	30.892	28.780	1.637	6.6	1.51	0.7	0.2	1.08	30.2		
1	18	30.552	27.325	1.239	5.7	1.41	1.1	0.2	0.90	25.6		



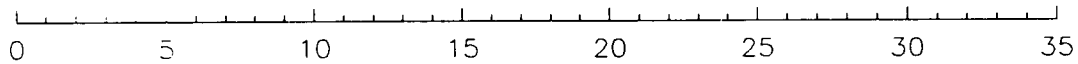
Phosphate ( $\mu\text{M/L}$ )



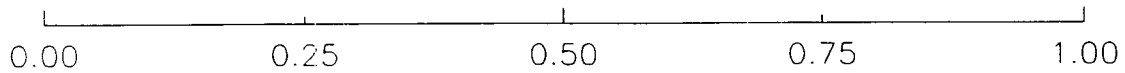
Nitrate ( $\mu\text{M/L}$ )



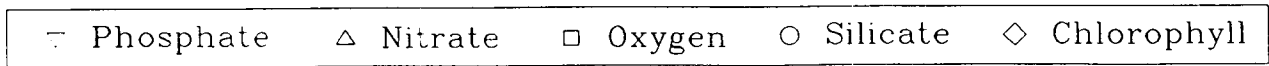
Oxygen (ml/L)



Silicate ( $\mu\text{M/L}$ )



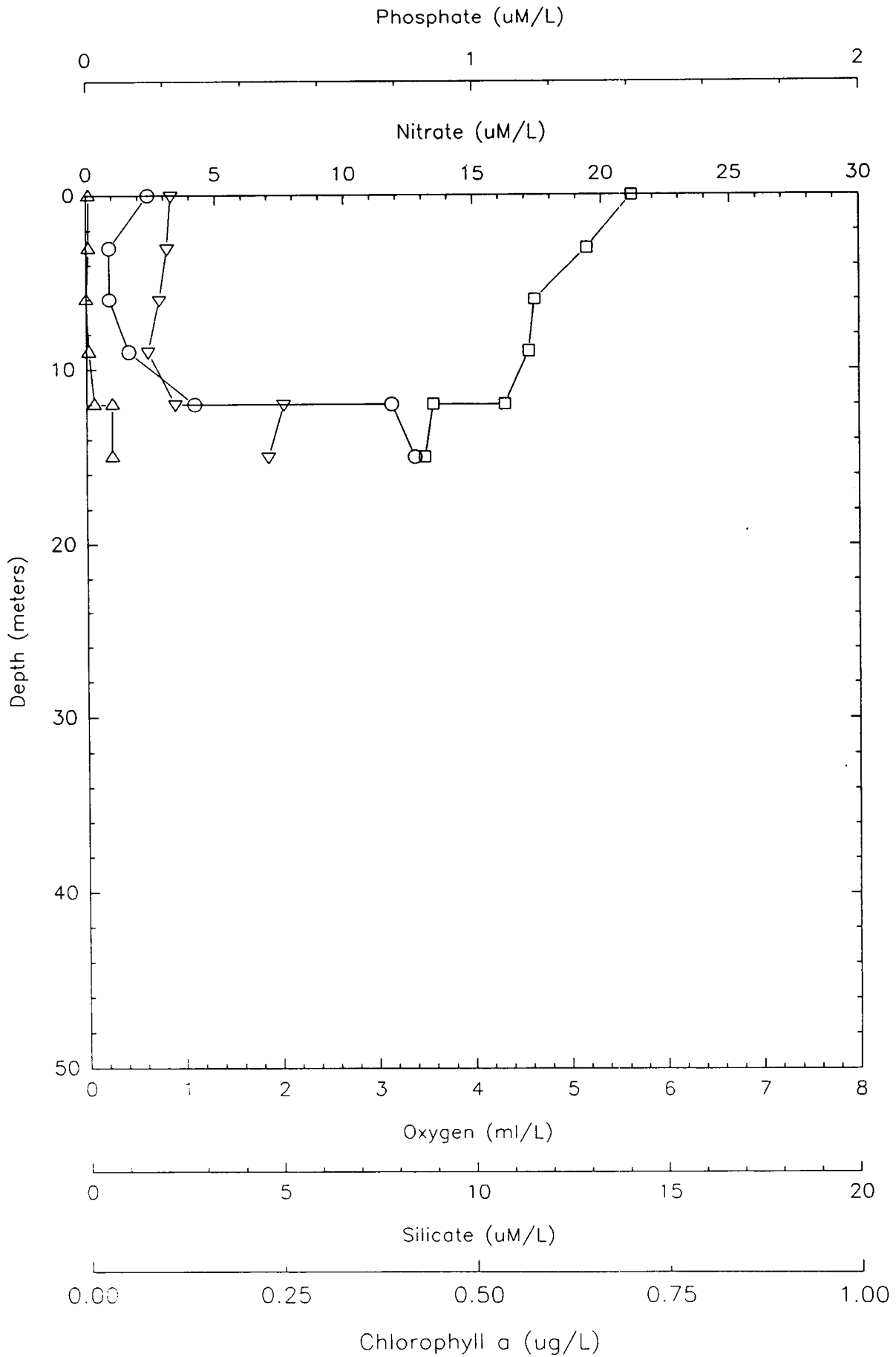
Chlorophyll a ( $\mu\text{g/L}$ )



## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE 94G07 STATION 005 Date 8/15/94  
 LAT 28 52.244N LON 90 27.497W Time 1410Z GMT  
 Samples 7

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 ( umol/l )	NH4 ( )	Urea ( )	PO4 ( )	SiO3 ( )	Chl ( ug/L )	Pha ( ug/L )
7	0	24.317	29.182	5.652	0.1	0.07	0.2	0.2	0.22	1.6		
6	3	26.297	29.147	5.186	0.1	0.05	0.2	0.8	0.21	0.6		
5	6	29.428	29.150	4.640	0.0	0.12	0.1	0.0	0.19	0.6		
4	9	30.409	28.973	4.581	0.1	0.03	0.1	0.0	0.16	1.1		
3	12	31.226	29.094	4.331	0.3	0.13	0.1	0.0	0.23	2.8		
2	12	31.860	29.094	3.588	1.0	0.44	0.3	0.6	0.51	7.9		
1	15	31.639	28.484	3.501	1.0	0.49	0.2	0.1	0.47	8.5		



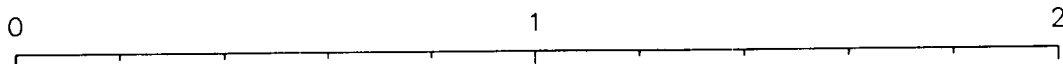
▽ Phosphate    △ Nitrate    □ Oxygen    ○ Silicate    ◇ Chlorophyll

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

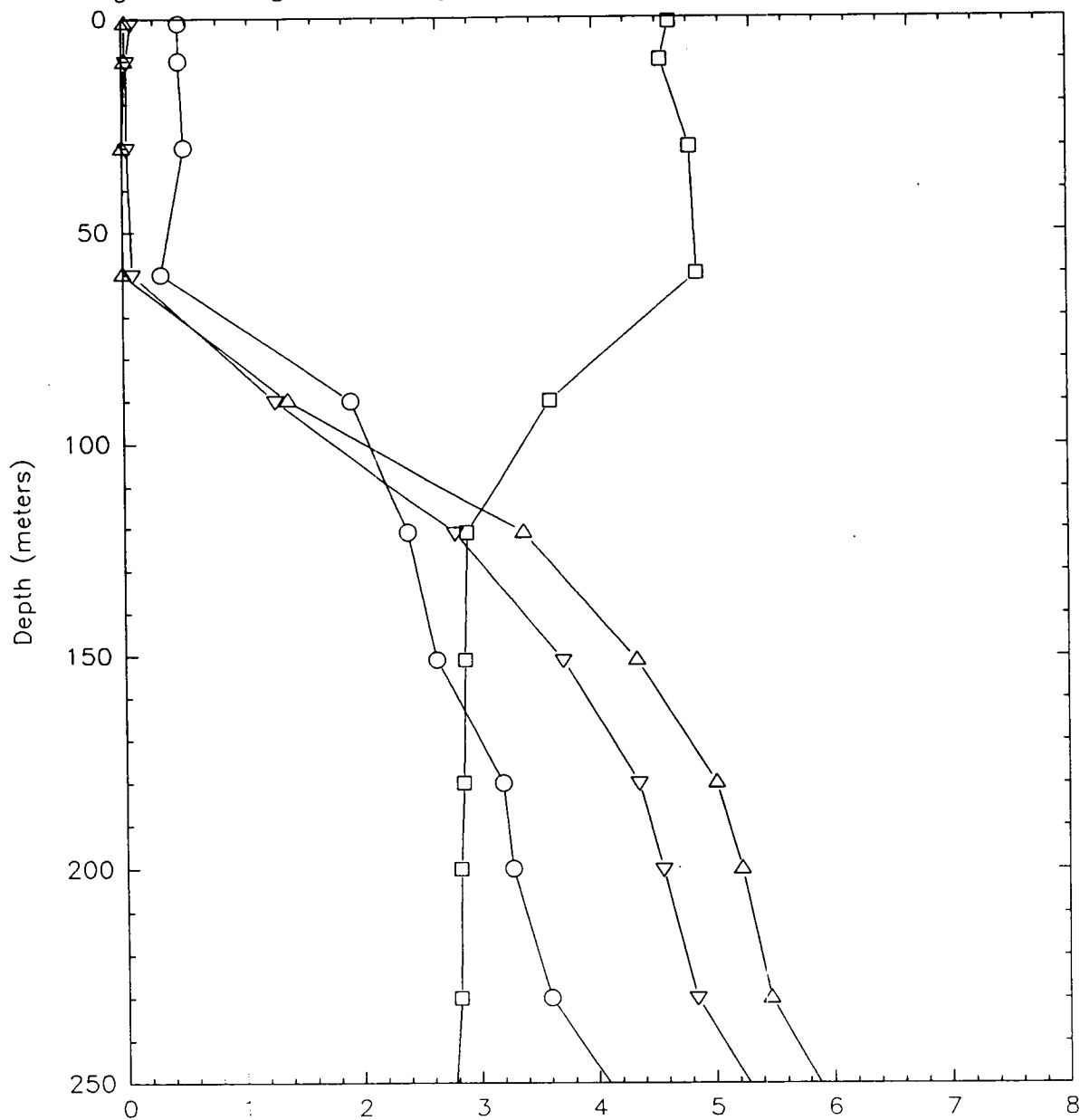
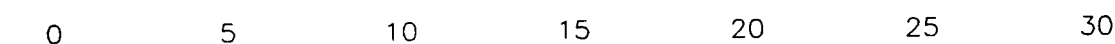
CRUISE 94G07 STATION 006 Date 8/16/94  
 LAT 27 56.194N LON 90 37.842W Time 1420Z GMT  
 Samples 12

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl (ug/L)	Pha
12	1	32.163	29.060	4.651	0.1	0.05	0.1	0.1	0.02	1.2		
11	10	34.160	29.590	4.579	0.1	0.05	0.0	0.1	0.01	1.2		
10	30	35.896	28.657	4.819	0.0	0.05	0.1	0.1	0.01	1.3		
9	60	36.263	21.700	4.872	0.0	0.08	0.1	0.1	0.02	0.8		
8	90	36.306	19.827	3.618	5.2	0.08	0.1	0.1	0.32	4.8		
7	121	36.272	17.546	2.903	12.7	0.06	0.1	0.1	0.70	6.0		
6	151	36.052	15.585	2.880	16.3	0.06	0.1	0.1	0.93	6.6		
5	180	35.846	14.215	2.863	18.8	0.05	0.1	0.0	1.09	8.0		
4	200	35.790	13.878	2.833	19.6	0.05	0.0	0.0	1.14	8.2		
3	230	35.686	12.983	2.822	20.5	0.05	0.1	0.1	1.21	9.0		
2	261	35.533	12.208	2.750	22.9	0.05	0.1	0.0	1.38	10.9		
1	286	35.521	12.144	2.708	23.1	0.05	0.1	0.1	1.41	11.3		

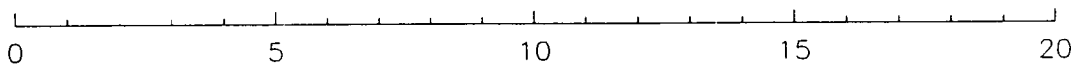
Phosphate ( $\mu\text{M/L}$ )



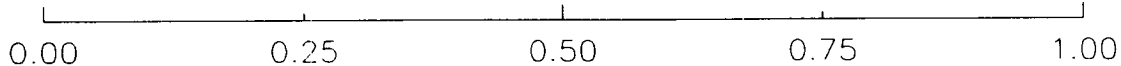
Nitrate ( $\mu\text{M/L}$ )



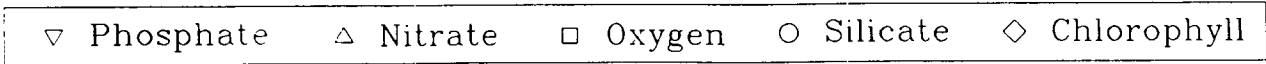
Oxygen (ml/L)



Silicate ( $\mu\text{M/L}$ )



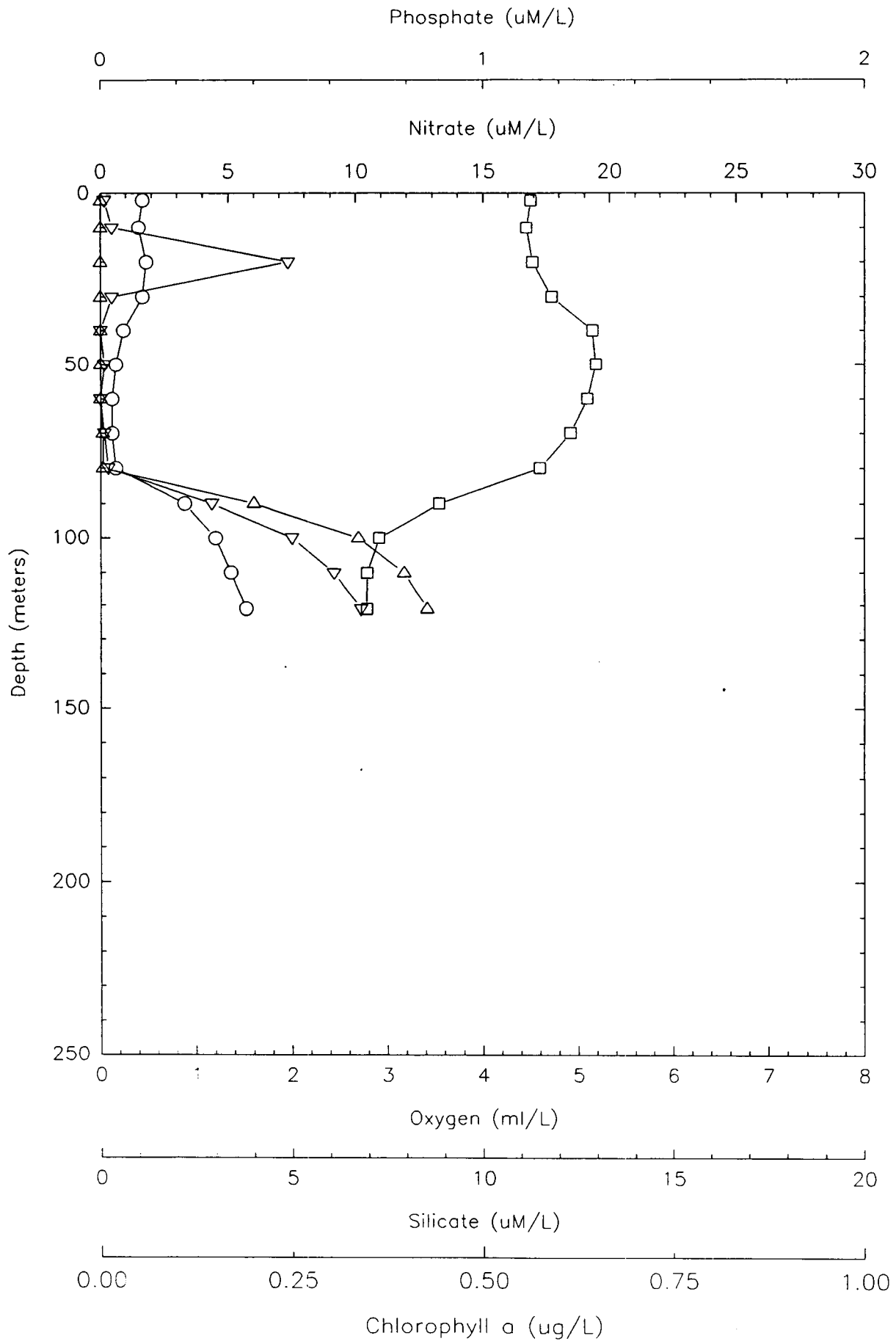
Chlorophyll a ( $\mu\text{g/L}$ )



## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE 94G07 STATION 007 Date 8/17/94  
 LAT 26 00.154N LON 90 36.2225W Time 1405Z GMT  
 Samples 13

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl (ug/L)	Pha
24	2	34.109	29.178	4.505	0.0	0.03	0.0	0.1	0.01	1.1		
14	10	35.692	29.842	4.458	0.0	0.03	0.0	0.1	0.03	1.0		
13	20	36.186	29.404	4.520	0.0	0.02	0.0	0.2	0.49	1.2		
12	30	36.353	28.107	4.720	0.0	0.02	0.0	0.1	0.03	1.1		
11	40	36.197	24.704	5.150	0.0	0.01	0.0	0.1	0.00	0.6		
10	50	36.273	23.087	5.186	0.0	0.01	0.0	0.1	0.01	0.4		
9	60	36.315	22.184	5.096	0.0	0.00	0.1	0.1	0.00	0.3		
8	70	36.300	20.782	4.919	0.1	0.00	0.1	0.1	0.01	0.3		
7	80	36.321	20.301	4.598	0.1	0.04	0.1	0.1	0.02	0.4		
6	90	36.370	19.619	3.541	6.0	0.05	0.1	0.1	0.29	2.2		
5	100	36.475	19.493	2.913	10.1	0.04	0.1	0.1	0.50	3.0		
4	110	36.460	18.917	2.785	11.9	0.05	0.1	0.1	0.61	3.4		
3	121	36.405	18.332	2.781	12.8	0.03	0.1	0.1	0.68	3.8		



▽ Phosphate    △ Nitrate    □ Oxygen    ○ Silicate    ◇ Chlorophyll

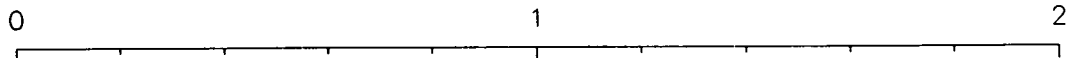
## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	94G07	STATION	007A	Date	8/17/94
LAT	26 00.017N	LON	90 35.965W	Time	2240Z GMT
Samples	12				

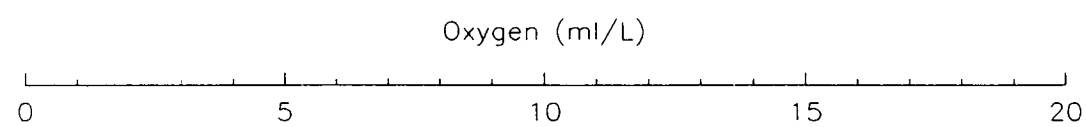
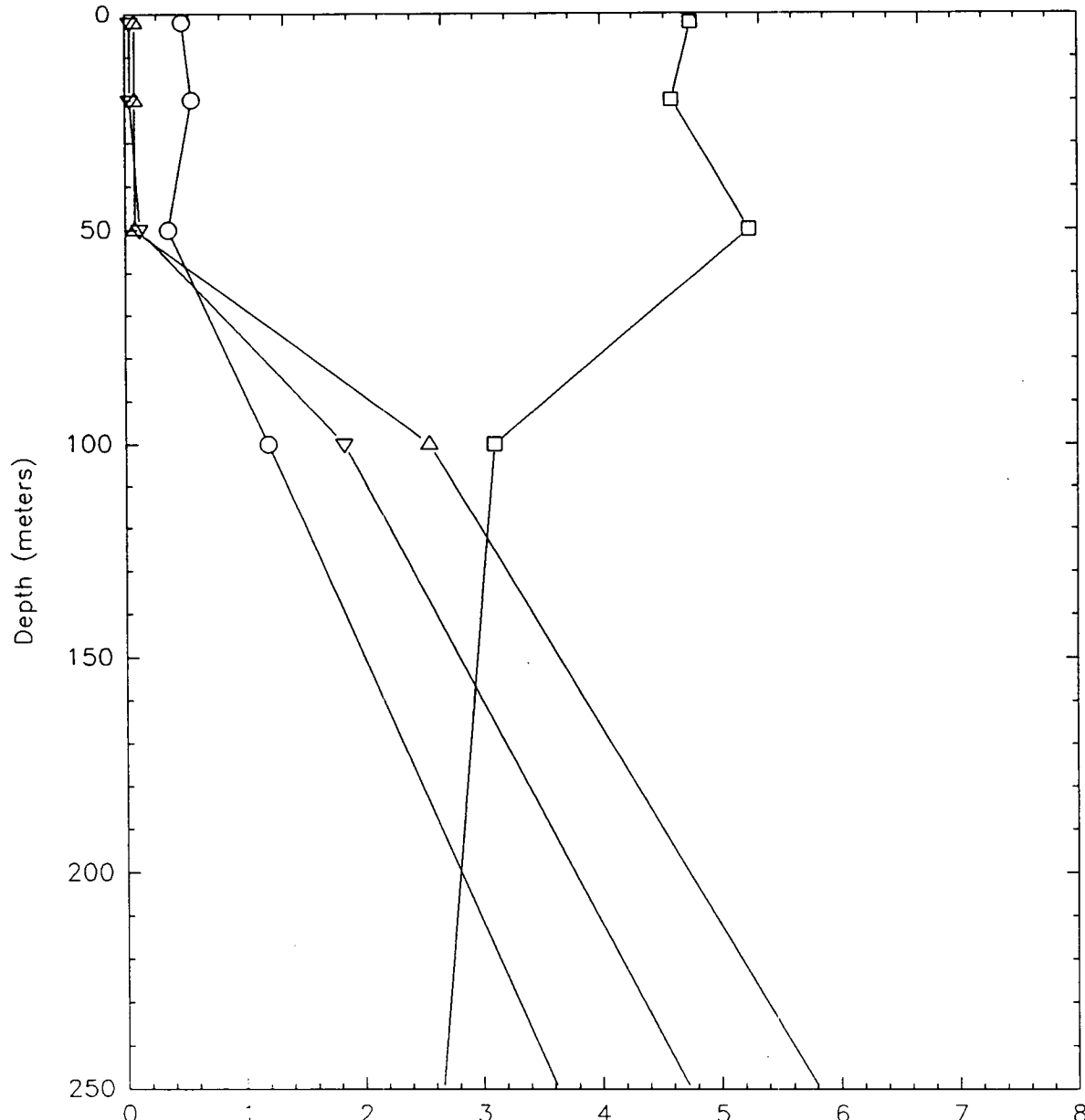
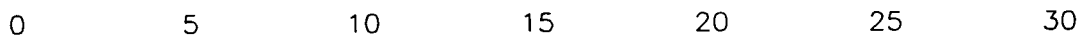
Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl (ug/L)	Pha
24	2	32.576	29.330	4.757	0.3	0.00	0.1	0.1	0.01	1.2		
22	20	35.907	29.632	4.599	0.3	0.01	0.0	0.1	0.01	1.4		
20	50	36.282	23.546	5.245	0.3	0.00	0.0	0.1	0.03	0.9		
18	100	36.426	19.314	3.109	9.6	0.04	0.1	0.1	0.46	3.0		
16	251	35.671	13.091	2.656	21.9	0.01	0.1	0.1	1.19	9.1		
14	501	35.001	8.215	2.728	30.3	0.06	0.1	0.0	1.80	19.0		
12	750	34.903	5.937	3.403	29.8	0.04	0.0	0.0	1.82	24.6		
10	1001	34.934	4.840	4.194	26.8	0.04	0.0	0.0	1.66	26.3		
8	1499	34.966	4.271	4.831	23.9	0.04	0.0	0.1	1.47	25.6		
6	2001	34.971	4.245	5.015	26.0	0.04	0.0	0.0	1.44	25.4		
4	2501	34.971	4.276	4.980	23.3	0.04	0.0	0.1	1.43	25.4		
2	3000	34.974	4.323	5.018	23.2	0.04	0.0	0.1	1.43	25.4		



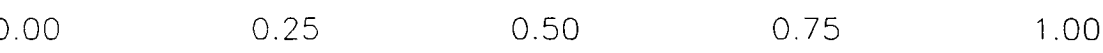
Phosphate ( $\mu\text{M/L}$ )



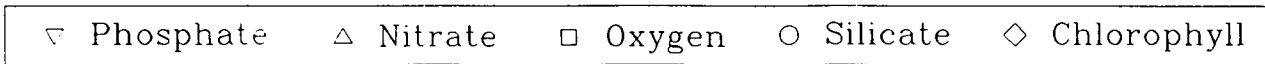
Nitrate ( $\mu\text{M/L}$ )



Silicate ( $\mu\text{M/L}$ )



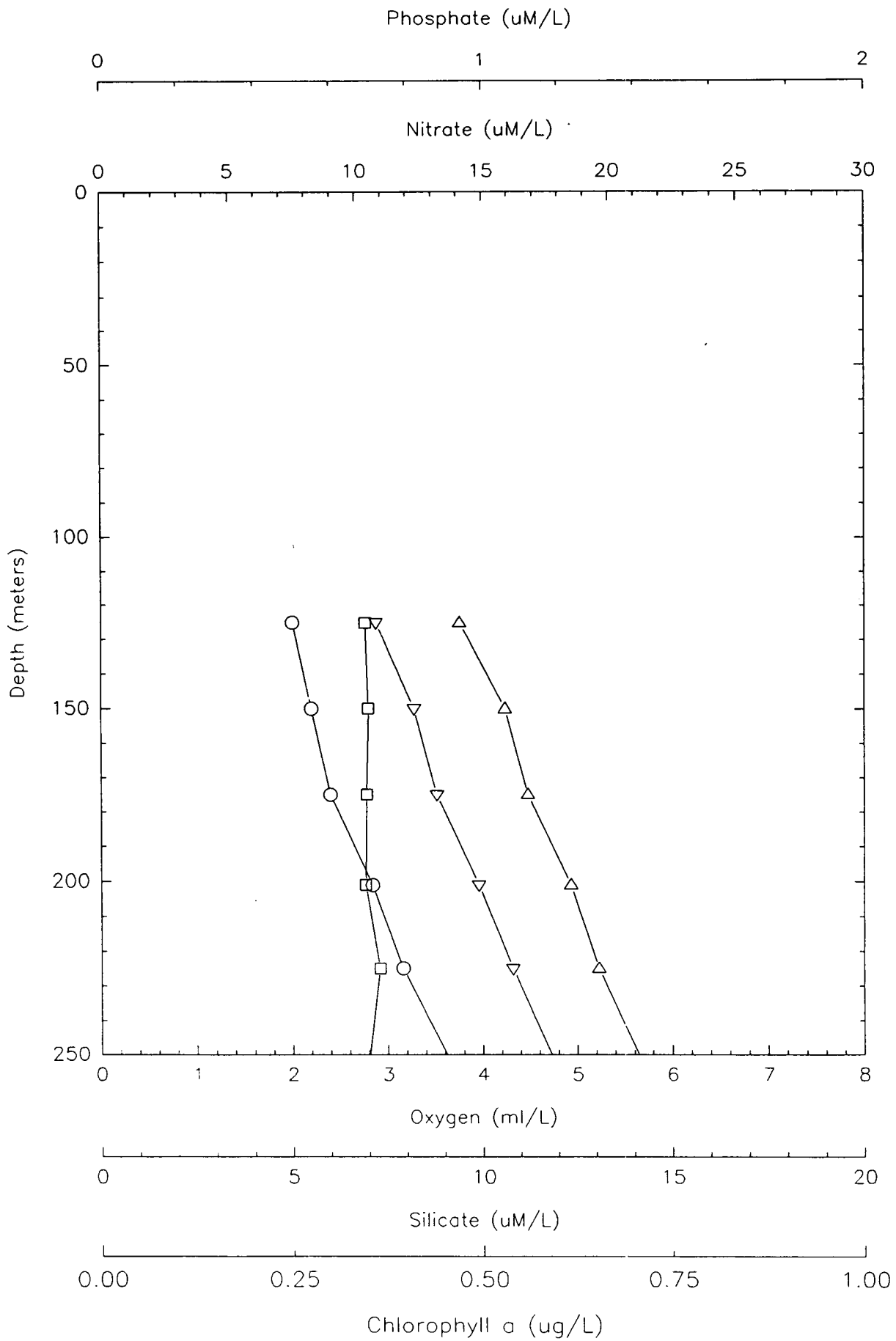
Chlorophyll a ( $\mu\text{g/L}$ )



## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE 94G07 STATION 007B Date 8/18/94  
 LAT 25 59.698N LON 90 36.027W Time 0247Z GMT  
 Samples 24

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl (ug/L)	Pha
24	125	36.340	17.666	2.765	14.1	0.04	0.0	0.3	0.72	5.0		
23	150	36.176	16.415	2.799	15.9	0.04	0.0	0.1	0.82	5.5		
22	175	36.086	15.825	2.780	16.8	0.04	0.0	0.1	0.88	6.0		
21	201	35.921	14.702	2.769	18.5	0.03	0.0	0.1	0.99	7.1		
20	225	35.789	13.890	2.915	19.6	0.03	0.0	0.1	1.08	7.9		
19	301	35.473	11.799	2.590	24.4	0.03	0.1	0.1	1.39	11.4		
18	350	35.331	10.810	2.580	26.3	0.04	0.1	0.1	1.52	13.3		
17	400	35.190	9.797	2.625	27.9	0.04	0.1	0.1	1.68	15.3		
16	450	35.100	9.057	2.593	29.3	0.05	0.1	0.1	1.73	17.0		
15	501	35.010	8.227	2.675	30.3	0.05	0.1	0.1	1.84	19.1		
14	550	34.952	7.642	2.833	30.8	0.05	0.1	0.1	1.86	20.7		
13	600	34.918	7.072	2.955	31.0	0.05	0.0	0.0	1.89	22.2		
12	650	34.902	6.658	3.072	30.7	0.05	0.0	0.0	1.88	23.3		
11	700	34.895	6.230	3.319	30.2	0.04	0.0	0.1	1.87	24.4		
10	751	34.897	5.906	3.427	29.7	0.04	0.0	0.1	1.84	25.0		
9	801	34.903	5.617	3.613	28.9	0.04	0.0	0.1	1.82	25.5		
8	850	34.905	5.394	3.760	28.2	0.03	0.0	0.1	1.77	25.6		
7	900	34.918	5.195	3.883	27.6	0.03	0.0	0.1	1.73	25.8		
6	950	34.926	4.895	4.033	26.9	0.03	0.0	0.1	1.71	25.8		
5	1001	34.931	4.725	4.174	26.4	0.03	0.0	0.1	1.67	25.9		
4	1051	34.939	4.724	4.325	25.8	0.02	0.0	0.1	1.63	25.9		
3	1100	34.955	4.601	4.410	25.2	0.02	0.0	0.1	1.59	25.6		
2	1150	34.951	4.506	4.545	24.9	0.02	0.0	0.1	1.55	25.7		
1	1200	34.954	4.445	4.631	24.6	0.02	0.0	0.0	1.54	25.7		



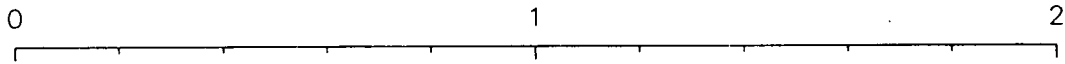
▽ Phosphate    △ Nitrate    □ Oxygen    ○ Silicate    ◇ Chlorophyll

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

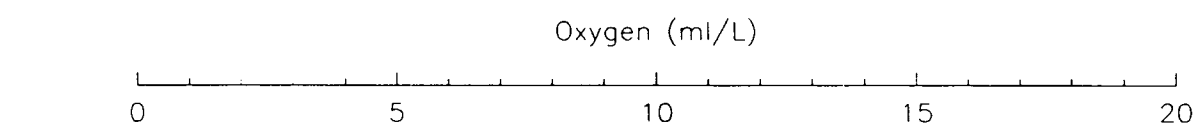
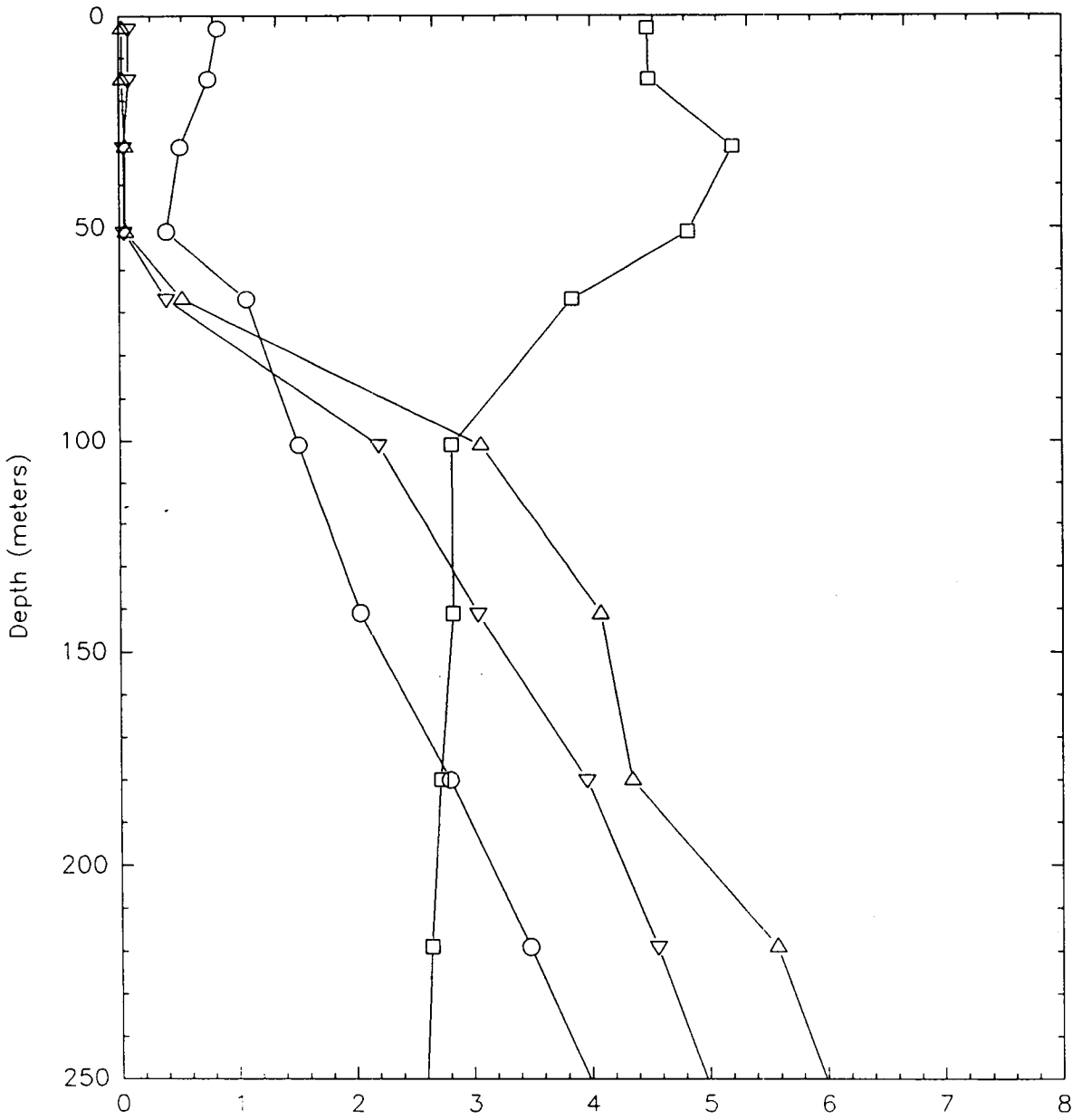
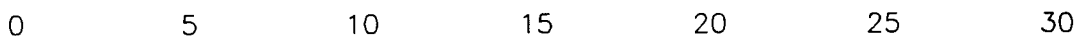
CRUISE 94G07 STATION 008 Date 8/19/94  
 LAT 27 14.396N LON 96 09.989W Time 2048Z GMT  
 Samples 12

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 ( umol/l )	NH4 ( )	Urea ( )	PO4	SiO3	Chl ( ug/L )	Pha
12	3	36.375	29.385	4.489	0.1	0.02	0.0	0.0	0.02	2.1		
11	15	36.375	29.175	4.498	0.1	0.01	0.0	0.1	0.02	1.9		
10	31	36.321	26.044	5.207	0.2	0.01	0.0	0.0	0.01	1.3		
9	51	36.333	22.318	4.828	0.2	0.00	0.0	0.1	0.01	1.0		
8	67	36.344	20.500	3.843	2.0	0.08	0.0	0.1	0.10	2.7		
7	101	36.419	18.710	2.819	11.5	0.06	0.0	0.1	0.55	3.8		
6	141	36.216	16.659	2.828	15.3	0.05	0.0	0.3	0.76	5.1		
5	180	35.971	14.990	2.721	16.3	0.05	0.0	0.0	0.99	7.0		
4	219	35.784	13.800	2.641	20.9	0.04	0.0	0.1	1.14	8.7		
3	261	35.619	12.711	2.588	23.0	0.04	0.0	0.1	1.28	10.4		
2	301	35.437	11.511	2.515	25.4	0.04	0.0	0.1	1.45	12.4		
1	339	35.355	10.955	2.465	26.5	0.04	0.0	0.1	1.52	13.7		

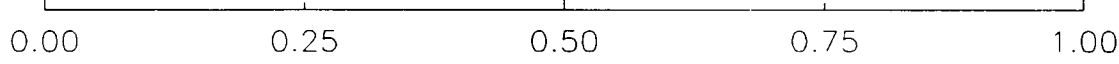
Phosphate (uM/L)



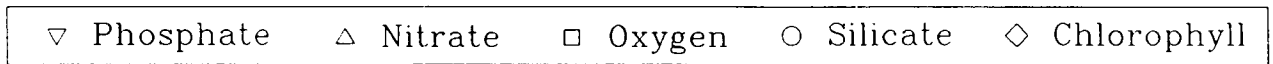
Nitrate (uM/L)



Silicate (uM/L)



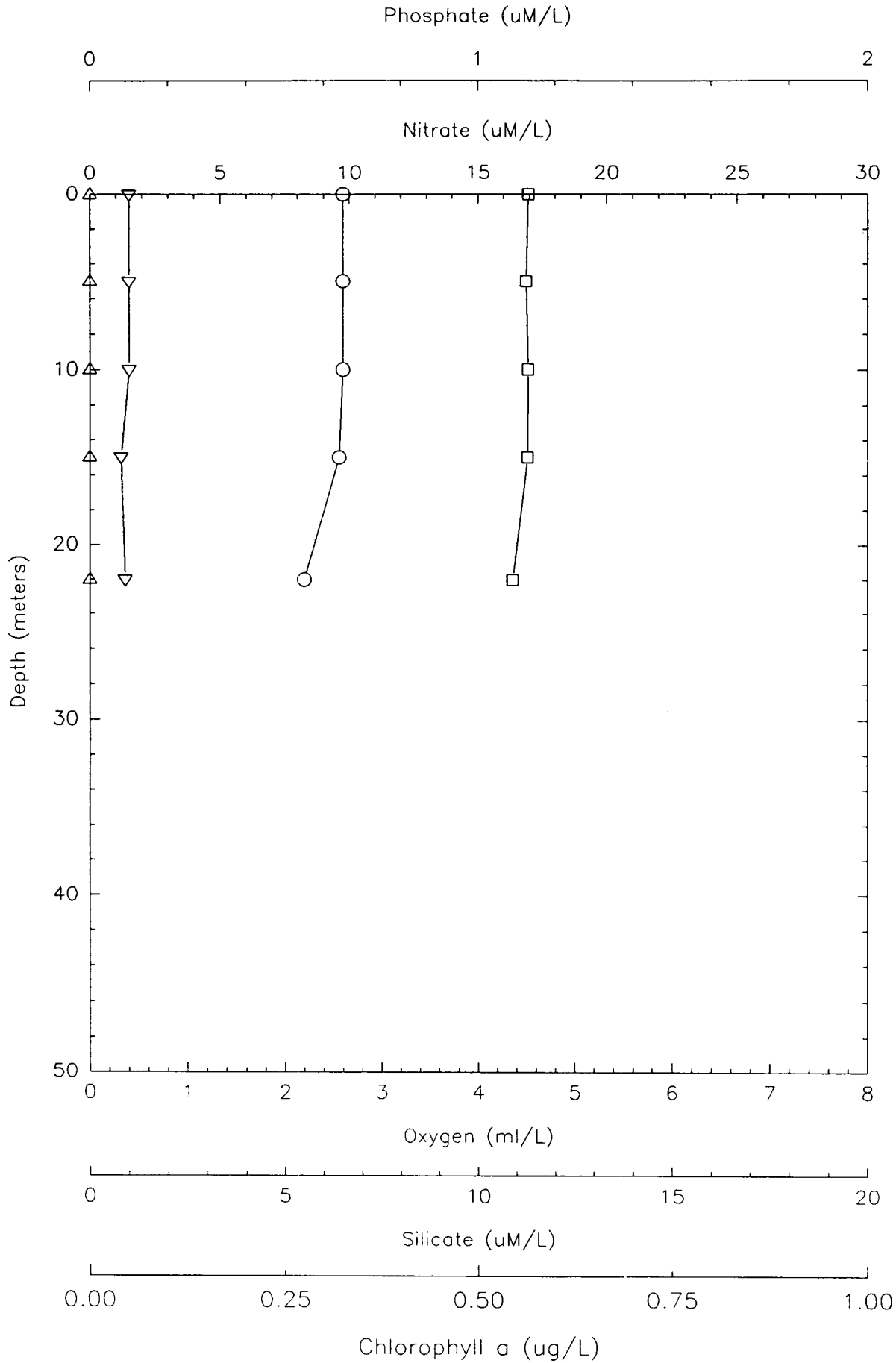
Chlorophyll a (ug/L)



## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE 94G07 STATION 009A Date 8/20/94  
 LAT 27 57.887N LON 96 33.186W Time 2330Z GMT  
 Samples 5

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 umol/l	NH4 ( )	Urea	PO4	SiO3	Chl (ug/L)	Pha
12	0	35.832	0.000	4.522	0.0	0.08	0.1	0.1	0.10	6.5		
17	5	35.839	0.000	4.499	0.0	0.07	0.1	0.1	0.10	6.5		
19	10	35.834	0.000	4.519	0.0	0.07	0.1	0.1	0.10	6.5		
21	15	35.827	0.000	4.513	0.0	0.06	0.1	0.0	0.08	6.4		
23	22	36.036	0.000	4.358	0.0	0.08	0.1	0.1	0.09	5.5		



▽ Phosphate    △ Nitrate    □ Oxygen    ○ Silicate    ◇ Chlorophyll

## ACKNOWLEDGMENTS

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TAMU Electronics Tech Mark Garner supervised the collection of CTD data, and TAMU Marine Techs Ken Bottom and Mark Spears analyzed the bottle samples that were collected on the CTD cast for dissolved oxygen, salinity, and nutrient samples. Garner, Spears, and TAMU graduate student Nektaria Menounou collected the XBT data.

The hydrographic data from this cruise are being shared cooperatively with NOAA-NECOP, MMS and NODC. Preparation of this hydrographic data report and the at sea participation of Mark Spears was supported in part by the US Minerals Management Service, under Cooperative Agreement 14-35-0001-30501 for the sharing of ship-of-opportunity hydrographic data between Texas A&M University and MMS (D.C. Biggs, Principal Investigator).





### **The Department of the Interior Mission**

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



### **The Minerals Management Service Mission**

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Minerals Revenue Management** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.