



8/00069

University of Hawaii at Manoa

Department of Oceanography
2525 Correa Road • Honolulu, Hawaii 96822
Telephone: (808) 948-7633 • Cable Address: UNIHAW

June 5, 1980

Dr. Jackson
Manager, IDOE Data Project
NOAA/EDS/NODC
2001 Wisconsin Avenue
Washington, D.C. 20234

Dear Dr. Jackson:

The accompanying tape contains the profiling current meter data set from the NORPAX Tahiti Shuttle Experiment under NSF Grant #OCE78-21320. The data have been interpolated to 10 m intervals. Velocity components are relative to the average velocity from 300 m to the bottom of the profile, usually 500 m. A few obviously bad profiles have been deleted. Plots of the data and details of the calibration and processing will soon be available in a Hawaii Institute of Geophysics report.

Also included is a description of the tape. Please inform us of the NODC accession number when it has been issued.

Sincerely,

Eric Firing
Physical Oceanographer

cc: Curt Collins
Dave Cutchin
Steve Pazan

EF:iv

NODC/RBC TAPE DESCRIPTION

4 JUNE 1981

mini-reel
9-trk
1600 BPI
No label
EBCDIC
RECFM=U
LRECL=66
MAX. BLKSIZE=1980 bytes

Each record is structured in the following manner:

characters
or
columns

1- 9	3(12,1X)	leg, profile, and station numbers
10-13	14	year
14	1X	blank
15-29	5(12,1X)	month, day, hour, minute, and second of start of profile (start down time)
30-39	2(14,1X)	latitude in degrees, minutes
40-49	2(14,1X)	longitude in degrees, minutes
50-54	14,1X	N number of data words (values) in profile N/4 gives the number of data points NPTS in profile NPTS x 10 gives the maximum depth
55-59	14,1X	NREP number of 66-byte repeat groups of data for the current profile
60-66	-	Blank or zero

----- repeat NREP times -----		
67-132	8FB.3	First two data points D,T,U,V,D,T,U,V D or depth in meters T or temperature in Celsius degrees U or U-component of current in cm/sec V or V-component of current in cm/sec
133-134	2X	Blank

133-nnn	8FB.3	repeat of data points above including repeat of blanks NREP times

A list of the first part of each record contained on this tape is enclosed. The first column is the record number. The rest is explained above.

NOTE: Leg 13 profile 1 is at the end of the Leg 13 section i.e. it is the last profile listed in Leg 13. This is the only profile that is out of normal increasing profile number order.

6 MAY 81 14:56:40 MODULE: *MAIN* OPTIONS: IN
61516-02 ENHANCED SAU FORTRAN COMPILER REVISION LEVEL 08.01 PRE SOURCE 1

```
1: C   AREANAHE: CHECK
2: C   Checks NODCTAPE pgm. by reading & reformatting file
3: C
4: C   DIMENSION BUF(700),IBUF(13),VAL(8)
5: C
6: C   1 FORMAT(3(I2,1X),14,1X,5(I2,1X),6(I4,1X),7X)
7: C   2 FORMAT(8F8.3,2X)
8: C   5 FORMAT(' ',3(I2,1X),14,1X,5(I2,1X),6(I4,1X),7X)
9: C   6 FORMAT(' ',8F8.3,2X)
10: C
11: C   LOOP
12: C   . BUFFER IN(12,BUF,S,700,1STAT,1WDS)
13: C   . CALL STATUS(12)
14: C   . EXIT LOOP IF(1STAT.NE.2)
15: C   . DECODE(66,1,BUF(1)) 1BUF,NWD,NREP
16: C   . WRITE(6,5) 1BUF,NWD,NREP
17: C   . IW=1
18: C   . FOR I1=1,NWD,8
19: C   . . I2=I1+7
20: C   . . IW=IW+11
21: C   . . DECODE(66,2,BUF(IW)) VAL
22: C   . . WRITE(6,6) VAL
23: C   . END FOR
24: C   END LOOP
25: C   STOP
26: C   END
```

Data from the first two records after original tape dataset was run through program CHECK. Each line represents 1 logical record(66bytes).

1	1	1	1979	2	7	15	46	0	16	0	-150	0	192	24
10.000	23.947	-17.325	3.376	20.000	23.948	-8.210	7.598							
30.000	23.948	0.115	16.056	40.000	23.948	-4.999	13.218							
50.000	23.948	-9.393	9.158	60.000	23.948	-5.914	10.301							
70.000	23.948	-5.854	3.630	80.000	23.568	-9.516	2.835							
90.000	22.413	-12.113	-0.306	100.000	21.354	-21.092	6.612							
110.000	20.293	-16.068	14.605	120.000	19.405	-6.813	12.322							
130.000	13.786	-4.800	8.203	140.000	17.943	-3.984	2.028							
150.000	16.836	-0.701	-6.829	160.000	16.009	3.460	-11.506							
170.000	15.097	-1.143	-15.682	180.000	14.058	-7.937	-19.135							
190.000	13.319	-9.573	-15.645	200.000	12.906	-9.052	-7.513							
210.000	12.436	-11.743	-0.096	220.000	11.626	-6.527	2.809							
230.000	10.556	-5.425	1.295	240.000	10.446	-1.402	0.138							
250.000	10.756	-2.757	-1.421	260.000	10.870	-4.833	2.364							
270.000	10.719	-3.283	3.031	280.000	10.567	-3.057	2.015							
290.000	10.445	-5.129	-0.893	300.000	10.330	-5.293	-2.924							
310.000	10.218	-6.351	-6.029	320.000	10.134	-3.391	-4.704							
330.000	10.029	3.000	0.680	340.000	9.954	8.623	3.914							
350.000	9.759	7.187	1.089	360.000	9.568	2.782	-1.380							
370.000	9.468	0.568	-1.952	380.000	9.221	-1.112	1.176							
390.000	8.995	0.557	0.158	400.000	8.830	2.143	-2.261							
410.000	8.604	0.171	-2.911	420.000	8.533	-1.195	-1.616							
430.000	8.415	-3.080	3.723	440.000	8.265	-2.945	9.967							
450.000	8.103	1.934	11.458	460.000	7.899	0.819	3.653							
470.000	7.789	-2.004	-2.852	480.000	7.742	-4.477	-6.563							
1	2	2	1979	2	8	1	17	0	15	0	-150	0	172	22
10.000	24.042	-1.808	-11.352	20.000	24.035	19.285	-5.361							
30.000	24.012	29.939	-31.539	40.000	24.010	31.583	-39.242							
50.000	24.010	34.730	-37.182	60.000	24.010	28.433	-42.440							
70.000	24.010	26.312	-42.600	80.000	23.991	32.974	-37.962							
90.000	23.216	38.641	-26.314	100.000	22.743	34.698	-27.503							
110.000	21.759	22.996	-31.460	120.000	20.088	29.106	-23.925							
130.000	19.310	38.665	-26.708	140.000	18.544	42.846	-28.919							
150.000	17.724	33.651	-23.805	160.000	16.897	18.032	-8.073							
170.000	16.214	2.747	5.573	180.000	15.389	15.636	5.022							
190.000	14.500	8.898	2.169	200.000	13.604	0.500	-4.462							
210.000	12.753	-2.424	-18.541	220.000	12.010	-8.000	-22.379							
230.000	11.243	-10.713	-16.747	240.000	10.708	-12.799	-12.201							
250.000	10.345	-11.251	-9.378	260.000	10.106	-13.091	-10.227							
270.000	9.943	-14.654	-11.281	280.000	9.827	-16.048	-11.386							
290.000	9.820	-14.740	-6.684	300.000	9.727	-15.079	-2.469							
310.000	9.609	-10.970	-1.760	320.000	9.362	-9.801	-2.353							
330.000	9.178	-9.250	-4.341	340.000	9.041	-6.769	-5.370							
350.000	8.962	-6.282	-1.442	360.000	8.858	-4.064	0.024							
370.000	8.704	0.857	0.862	380.000	8.502	4.656	0.779							
390.000	8.345	5.174	-0.499	400.000	8.268	9.146	-3.530							
410.000	8.155	17.886	1.336	420.000	8.013	14.621	7.608							
430.000	7.911	4.474	7.958	0.000	0.000	0.000	0.000							

Data from the last two records after going through program CHECK.

15	42	54	1980	6	11	4	26	0	9	0	-158	0	196	25
10.000	27.455	-47.731	2.787	20.000	27.455	-38.458	8.743							
30.000	27.455	-34.561	19.527	40.000	27.444	-33.447	10.908							
50.000	27.424	-34.555	2.557	60.000	27.332	-36.721	-10.065							
70.000	23.047	-48.712	6.566	80.000	17.876	-30.297	4.953							
90.000	15.031	-21.667	-4.259	100.000	13.747	-9.664	-8.815							
110.000	13.149	-5.625	-11.138	120.000	12.618	-19.643	-8.548							
130.000	12.041	-23.214	-5.736	140.000	11.548	-14.467	-9.094							
150.000	11.496	-9.240	-0.773	160.000	11.427	-10.967	3.206							
170.000	11.159	-8.793	-2.163	180.000	10.867	-6.114	-3.685							
190.000	10.654	-0.149	-3.088	200.000	10.509	4.000	1.494							
210.000	10.417	-0.116	0.793	220.000	10.291	1.707	-4.181							
230.000	10.232	2.380	2.652	240.000	10.125	-4.777	5.422							
250.000	10.040	-3.906	6.531	260.000	9.949	-3.620	6.308							
270.000	9.839	-6.612	5.640	280.000	9.745	-6.345	-1.262							
290.000	9.666	1.167	-4.794	300.000	9.606	3.656	1.586							
310.000	9.536	1.084	7.191	320.000	9.460	0.885	7.555							
330.000	9.368	0.090	6.965	340.000	9.282	-0.824	0.230							
350.000	9.213	3.660	-4.007	360.000	9.153	-1.281	-5.840							
370.000	9.125	-5.462	-7.141	380.000	9.057	-2.495	0.266							
390.000	8.965	0.668	2.818	400.000	8.818	3.530	0.488							
410.000	8.733	6.376	0.938	420.000	8.641	4.450	7.427							
430.000	8.535	0.396	5.828	440.000	8.416	-1.085	-3.433							
450.000	8.274	-2.156	-6.245	460.000	8.121	-1.769	-6.149							
470.000	8.042	-6.022	1.159	480.000	7.975	-4.590	4.551							
490.000	7.897	0.138	-5.001	0.000	0.000	0.000	0.000							
15	43	55	1980	6	11	13	25	0	10	0	-158	10	200	25
10.000	27.301	-39.609	23.431	20.000	27.301	-36.515	15.559							
30.000	27.301	-31.021	17.918	40.000	27.301	-30.970	16.663							
50.000	27.301	-30.153	17.552	60.000	27.231	-32.028	19.970							
70.000	26.026	-23.540	4.073	80.000	23.031	-21.314	-6.506							
90.000	20.883	-15.965	-9.230	100.000	18.819	-4.378	-12.918							
110.000	16.977	-6.071	-9.353	120.000	15.312	-3.546	-8.672							
130.000	13.840	-6.500	-5.582	140.000	12.892	-9.754	-7.369							
150.000	12.122	-8.933	-3.183	160.000	11.904	-0.495	-9.679							
170.000	11.916	2.341	-1.080	180.000	11.731	-2.276	-0.935							
190.000	11.480	-0.511	0.694	200.000	11.285	2.687	5.534							
210.000	11.199	3.323	1.042	220.000	11.101	6.898	-3.189							
230.000	11.007	2.261	0.630	240.000	10.853	0.524	-2.193							
250.000	10.717	3.103	-6.705	260.000	10.627	-0.960	0.174							
270.000	10.508	-2.491	-0.103	280.000	10.407	1.703	-1.600							
290.000	10.338	3.028	2.794	300.000	10.285	5.728	7.837							
310.000	10.193	7.137	10.572	320.000	10.090	4.437	3.548							
330.000	10.007	5.474	2.279	340.000	9.940	-0.689	3.244							
350.000	9.847	-7.207	-0.677	360.000	9.736	-6.725	-4.787							
370.000	9.567	-7.163	-5.393	380.000	9.467	-7.310	-5.333							
390.000	9.362	-6.690	-4.364	400.000	9.296	-3.065	-5.266							
410.000	9.214	-2.174	-0.667	420.000	9.111	8.445	4.956							
430.000	9.000	14.740	5.069	440.000	8.902	10.055	4.784							
450.000	8.738	4.945	0.471	460.000	8.699	1.650	-5.772							
470.000	8.569	-0.529	-5.064	480.000	8.420	-1.847	-4.350							
490.000	8.272	-3.648	-1.301	500.000	8.145	-6.794	4.615							

641	12	32	47	1980	3	1	3	53	0	1	300	-153	0	200	25	10.000	27.603	-69.815	3.313	20.000	27.487	-64.782	3.8
642	12	33	48	1980	3	1	3	57	0	1	599	-152	599	200	25	10.000	27.674	-72.839	24.772	20.000	27.698	-69.686	17.5
643	12	34	49	1980	3	1	13	7	0	2	300	-153	5	200	25	10.000	27.700	-74.253	12.381	20.000	27.703	-77.522	9.6
644	12	35	50	1980	3	1	18	17	0	3	0	-153	6	200	25	10.000	27.572	-98.987	-15.589	20.000	27.579	-97.272	-5.8
645	12	36	51	1980	3	2	1	50	0	4	0	-153	3	196	25	10.000	27.681	-53.837	35.582	20.000	27.510	-50.762	30.7
646	12	37	52	1980	3	2	9	50	0	5	20	-152	531	196	25	10.000	27.489	36.610	59.373	20.000	27.486	40.532	49.2
647	12	38	53	1980	3	2	17	18	0	6	0	-153	0	196	25	10.000	28.044	71.149	20.108	20.000	28.044	70.269	21.0
648	12	39	54	1980	3	3	0	46	0	7	0	-153	0	196	25	10.000	27.947	61.838	1.962	20.000	27.898	59.907	8.1
649	12	40	55	1980	3	3	8	20	0	7	599	-152	596	196	25	10.000	27.396	65.597	2.034	20.000	27.421	62.669	8.5
650	12	41	56	1980	3	3	15	50	0	9	0	-153	0	196	25	10.000	27.009	18.252	-17.511	20.000	27.017	16.996	-18.5
651	12	42	57	1980	3	3	23	14	0	10	0	-153	0	200	25	10.000	26.793	-36.541	-4.013	20.000	26.726	-28.311	5.5
652	12	43	64	1980	3	5	19	59	0	10	6	-150	1	200	25	10.000	26.747	-34.366	-7.930	20.000	26.848	-18.059	-21.6
653	12	44	65	1980	3	6	3	19	0	8	593	-150	4	196	25	10.000	27.362	-12.326	6.655	20.000	27.383	-2.216	-1.0
654	12	45	66	1980	3	6	10	44	0	8	0	-150	0	200	25	10.000	27.604	-43.594	-7.228	20.000	27.610	-27.231	0.1
655	12	46	67	1980	3	6	18	1	0	7	0	-150	0	196	25	10.000	27.851	38.460	14.399	20.000	27.894	41.311	13.7
656	12	48	69	1980	3	7	8	19	0	5	3	-150	2	196	25	10.000	27.463	29.557	-23.813	20.000	27.507	34.147	-13.3
657	12	49	70	1980	3	7	15	23	0	4	3	-150	0	200	25	10.000	26.991	-30.979	1.543	20.000	26.991	-22.664	5.3
658	12	50	71	1980	3	7	22	34	0	3	3	-150	12	196	25	10.000	26.989	-65.801	29.688	20.000	26.870	-60.958	13.9
659	12	54	75	1980	3	8	16	46	0	1	0	-149	599	196	25	10.000	26.481	-128.784	-15.922	20.000	26.449	-116.434	-19.3
660	12	55	76	1980	3	8	20	32	0	0	299	-150	6	196	25	10.000	26.327	-104.583	-18.700	20.000	26.221	-81.090	-26.2
661	12	56	77	1980	3	9	2	6	0	0	0	-150	10	196	25	10.000	26.416	-89.432	-41.844	20.000	26.204	-75.372	-47.6
662	12	57	78	1980	3	9	6	5	0	0	300	-150	0	196	25	10.000	26.404	-103.940	-15.492	20.000	26.242	-92.564	-23.0
663	12	58	79	1980	3	9	10	40	0	-1	0	-150	0	196	25	10.000	26.478	-78.996	-23.026	20.000	26.426	-67.087	-19.6
664	12	59	80	1980	3	9	14	20	0	-1	300	-150	2	196	25	10.000	26.613	-65.115	-23.932	20.000	26.614	-60.722	-26.0
665	12	60	81	1980	3	9	19	30	0	-1	599	-150	8	196	25	10.000	26.926	-68.777	-29.100	20.000	26.897	-60.684	-30.5
666	12	61	82	1980	3	9	23	8	0	-2	299	-150	4	196	25	10.000	27.189	-64.304	4.325	20.000	27.024	-59.029	2.9
667	12	62	83	1980	3	10	3	43	0	-3	6	-149	593	196	25	10.000	27.360	-46.651	9.935	20.000	27.140	-38.657	6.9
668	12	63	84	1980	3	10	10	36	0	-4	0	-149	599	196	25	10.000	27.354	-34.907	12.898	20.000	27.327	-28.906	9.2
669	12	64	85	1980	3	10	17	42	0	-4	599	-149	593	196	25	10.000	28.263	-35.533	6.103	20.000	28.263	-35.836	17.0
670	12	65	86	1980	3	11	0	35	0	-6	0	-150	5	192	24	10.000	28.701	-36.860	-1.323	20.000	28.580	-25.482	5.5
671	13	4	15	1980	3	21	21	45	0	-2	599	-149	599	196	25	10.000	27.735	-63.061	-3.753	20.000	27.665	-60.459	-2.2
672	13	5	16	1980	3	22	2	1	0	-2	300	-150	3	196	25	10.000	27.699	-93.091	6.900	20.000	27.495	-87.319	-0.9
673	13	6	17	1980	3	22	6	55	0	-2	1	-150	3	200	25	10.000	27.305	-69.840	16.030	20.000	27.268	-59.344	14.9
674	13	7	18	1980	3	22	10	44	0	-1	300	-150	4	196	25	10.000	27.037	-78.528	-5.758	20.000	27.031	-77.955	3.3
675	13	8	19	1980	3	22	15	41	0	-1	0	-149	596	196	25	10.000	26.789	-95.625	13.822	20.000	26.797	-79.295	20.4
676	13	9	20	1980	3	22	19	33	0	0	299	-149	594	196	25	10.000	26.531	-83.015	-2.326	20.000	26.492	-72.519	-1.6
677	13	10	21	1980	3	23	0	33	0	0	3	-149	595	196	25	10.000	26.550	-54.966	0.890	20.000	26.385	-41.846	2.0
678	13	11	22	1980	3	23	6	7	0	0	299	-149	590	200	25	10.000	26.698	-73.497	-4.150	20.000	26.601	-61.913	-0.6
679	13	12	23	1980	3	23	11	7	0	1	0	-150	0	196	25	10.000	26.736	-54.031	-15.353	20.000	26.713	-48.080	-16.6
680	13	13	24	1980	3	23	14	59	0	1	300	-150	1	200	25	10.000	27.128	-76.059	-3.510	20.000	27.139	-70.294	-6.7
681	13	14	25	1980	3	23	19	50	0	2	0	-149	596	196	25	10.000	27.416	-63.023	1.927	20.000	27.391	-57.689	-2.4
682	13	15	26	1980	3	23	23	32	0	2	300	-150	3	196	25	10.000	27.798	-44.420	-28.579	20.000	27.710	-42.197	-24.1
683	13	17	28	1980	3	24	11	44	0	4	0	-149	598	200	25	10.000	27.787	-14.400	1.139	20.000	27.794	-7.605	17.2
684	13	18	29	1980	3	24	18	49	0	5	0	-149	599	196	25	10.000	27.919	-17.434	8.272	20.000	27.919	-17.446	0.0
685	13	19	30	1980	3	25	1	48	0	6	0	-149	598	200	25	10.000	27.994	42.974	11.176	20.000	27.921	44.263	5.4
686	13	20	31	1980	3	25	9	20	0	6	599	-150	0	200	25	10.000	27.641	38.318	3.707	20.000	27.641	42.025	9.3
687	13	21	32	1980	3	25	16	28	0	7	599	-150	6	200	25	10.000	27.703	47.685	16.555	20.000	27.709	44.494	20.7
688	13	30	47	1980	3	30	0	53	0	4	0	-153	0	192	24	10.000	28.263	34.408	-11.756	20.000	28.187	27.147	-19.4
689	13	31	48	1980	3	30	8	1	0	2	599	-153	2	196	25	10.000	28.133	-9.448	-9.328	20.000	28.082	-10.256	-14.3
690	13	32	49	1980	3	30	12	1	0	2	300	-153	0	196	25	10.000	28.009	-33.392	23.954	20.000	27.994	-32.319	14.8
691	13	33	50	1980	3	30	17	7	0	2	1	-153	12	196	25	10.000	27.888	-40.690	5.564	20.000	27.888	-39.976	-3.0
692	13	34	51	1980	3	30	20	59	0	1	300	-153	0	196	25	10.000	27.862	-46.599	11.801	20.000	27.821	-55.795	-6.9
693	13	35	52	1980	3	31	2	6	0	1	0	-153	5	196	25	10.000	27.830	-52.930	-27.986	20.000	27.705	-48.407	-30.2
694	13	36	53	1980	3	31	6	6	0	0	302	-152	596	196	25	10.000	27.605	-75.534	-1.465	20.000	27.287	-48.407	6.4
695	13	37	54	1980	3	31	11	14	0	0	0	-153	0	196	25	10.000	27.325	-36.131	5.858	20.000	27.227	-23.274	4.9
696	13	38	55	1980	3	31	16	21	0	0	300	-153	0	196	25	10.000	27.203	-2.263	20.487	20.000	27.205	-0.308	15.1
697	13	39	56	1980	3	31	21	9	0	0	599	-153	1	196	25	10.000	27.429	-33.980	35.066	20.000	27.315	-29.422	28.8
698	13	40	57	1980	4	1	2	17	0	-1	300	-152	593	196	25	10.000	27.434	-44.259	18.134	20.000	27.252	-41.374	20.0
699	13	41	58	1980	4	1	7	31	0	-1	599	-152	597	196	25	10.000	27.637	-39.474	22.998	20.000	27.509	-26.404	34.7
700	13	42	59	1980	4	1	11	29	0	-2	300	-153	4	196	25	10.000	27.732	-74.775	12.805	20.000	27.705	-73.215	20.4
701	13	43	60	1980	4	1	16	38	0	-3	0	-153	0	196	25	10.000	28.186	-75.336	18.819	20.000	28.215	-75.266	13.5

705	13	47	68	1980	4	3	17	1	0	-2	301	-157	592	196	25	10.000	28.069	-35.796	25.689	20.000	28.075	-36.514	20.2
706	13	48	69	1980	4	3	21	55	0	-2	3	-158	6	196	25	10.000	28.080	-69.766	3.326	20.000	28.045	-60.710	-1.7
707	13	49	70	1980	4	4	1	49	0	-1	300	-158	0	196	25	10.000	27.882	-63.768	-4.147	20.000	27.798	-57.281	8.5
708	13	50	71	1980	4	4	6	35	0	-1	3	-158	1	196	25	10.000	27.919	-64.645	1.735	20.000	27.910	-71.465	-4.7
709	13	51	72	1980	4	4	10	28	0	0	300	-158	5	196	25	10.000	27.327	-74.776	-9.217	20.000	27.322	-71.737	3.4
710	13	52	73	1980	4	4	15	42	0	0	0	-158	0	132	17	10.000	27.103	-70.397	-0.607	20.000	27.086	-65.662	-0.5
711	13	53	74	1980	4	4	20	28	0	0	300	-158	0	196	25	10.000	27.203	-57.367	37.507	20.000	27.083	-44.801	30.5
712	13	54	75	1980	4	5	1	28	0	1	0	-158	0	196	25	10.000	27.723	-87.037	30.895	20.000	27.451	-72.536	27.2
713	13	55	76	1980	4	5	5	25	0	1	307	-158	10	196	25	10.000	27.760	-73.398	43.889	20.000	27.488	-53.307	31.7
714	13	56	77	1980	4	5	10	15	0	2	0	-158	7	196	25	10.000	27.335	-45.800	3.555	20.000	27.296	-41.250	-2.0
715	13	57	78	1980	4	5	14	16	0	2	300	-158	0	196	25	10.000	27.363	-16.076	1.141	20.000	27.358	-4.284	1.8
716	13	58	79	1980	4	5	19	14	0	3	2	-158	1	196	25	10.000	27.512	-18.920	57.032	20.000	27.513	-7.482	50.3
717	13	59	80	1980	4	6	2	36	0	4	0	-158	1	196	25	10.000	27.740	58.163	-7.169	20.000	27.717	63.307	0.0
718	13	60	81	1980	4	6	10	22	0	4	598	-157	595	196	25	10.000	28.176	47.226	13.425	20.000	28.175	47.229	6.1
719	13	61	82	1980	4	6	17	43	0	6	0	-158	7	196	25	10.000	28.175	56.252	11.361	20.000	28.175	59.071	0.4
720	13	62	83	1980	4	7	1	2	0	7	0	-158	0	196	25	10.000	28.158	-7.168	-8.865	20.000	28.084	-1.650	-1.0
721	13	63	84	1980	4	7	8	39	0	8	1	-158	1	196	25	10.000	27.328	-23.960	0.510	20.000	27.343	-19.984	17.1
722	13	64	85	1980	4	7	15	25	0	9	0	-158	0	196	25	10.000	27.228	-70.846	35.213	20.000	27.234	-65.849	34.7
723	13	65	86	1980	4	7	22	35	0	9	596	-158	0	196	25	10.000	27.516	-28.477	3.636	20.000	27.464	-15.202	0.9
724	13	1	12	1980	3	20	23	19	0	-6	0	-150	0	200	25	10.000	28.349	-23.029	-17.346	20.000	28.270	-15.998	-21.2
725	14	1	12	1980	4	23	17	44	0	10	0	-158	0	196	25	10.000	27.385	-11.501	0.130	20.000	27.385	-6.741	1.1
726	14	2	13	1980	4	24	0	56	0	9	0	-158	0	196	25	10.000	27.637	-27.555	39.456	20.000	27.561	-17.273	39.4
727	14	3	14	1980	4	24	8	7	0	8	0	-158	0	196	25	10.000	27.942	-1.427	-0.709	20.000	27.942	0.005	10.0
728	14	4	15	1980	4	24	15	28	0	7	1	-157	599	192	24	10.000	27.942	3.318	41.155	20.000	27.942	16.103	26.4
729	14	5	16	1980	4	24	22	44	0	6	32	-157	583	196	25	10.000	28.150	41.405	10.517	20.000	28.129	48.774	12.1
730	14	6	17	1980	4	25	6	14	0	5	0	-158	4	196	25	10.000	28.181	58.292	-6.694	20.000	28.132	60.107	-8.9
731	14	7	18	1980	4	25	13	44	0	4	0	-158	5	196	25	10.000	27.639	2.211	50.275	20.000	27.644	0.925	44.2
732	14	8	19	1980	4	25	21	15	0	2	598	-158	2	196	25	10.000	27.790	-53.985	26.140	20.000	27.544	-37.786	19.4
733	14	9	20	1980	4	26	1	15	0	2	300	-158	0	196	25	10.000	27.961	-81.173	59.963	20.000	27.745	-61.578	34.0
734	14	10	21	1980	4	26	6	1	0	2	1	-157	588	196	25	10.000	27.766	-30.961	37.353	20.000	27.627	-19.602	13.5
735	14	11	22	1980	4	26	10	0	0	1	300	-157	595	196	25	10.000	27.844	-71.877	34.068	20.000	27.754	-60.322	24.6
736	14	12	23	1980	4	26	14	14	0	1	0	-157	590	196	25	10.000	27.632	-40.807	20.926	20.000	27.621	-34.648	8.5
737	14	13	24	1980	4	26	19	0	0	0	300	-158	0	196	25	10.000	27.601	-42.876	-9.386	20.000	27.578	-35.756	-7.3
738	14	14	25	1980	4	26	23	42	0	0	0	-157	595	196	25	10.000	27.704	-1.803	-31.009	20.000	27.636	0.268	-29.6
739	14	15	26	1980	4	27	3	27	0	0	300	-157	590	196	25	10.000	27.890	-10.831	-8.324	20.000	27.736	-4.370	-11.3
740	14	16	27	1980	4	27	7	47	0	0	599	-157	599	196	25	10.000	27.808	-5.360	0.038	20.000	27.792	-0.508	-10.0
741	14	17	28	1980	4	27	11	36	0	-1	300	-158	0	196	25	10.000	28.187	-11.818	-1.928	20.000	28.192	-6.123	-5.2
742	14	18	29	1980	4	27	16	23	0	-2	0	-158	0	192	24	10.000	28.409	-2.863	-10.092	20.000	28.409	5.414	-14.4
743	14	19	30	1980	4	27	20	15	0	-2	300	-158	0	200	25	10.000	28.534	-7.092	10.791	20.000	28.534	-2.815	2.9
744	14	20	31	1980	4	28	0	49	0	-3	0	-158	0	196	25	10.000	28.840	15.472	-12.643	20.000	28.739	19.670	-10.2
745	14	21	32	1980	4	28	7	38	0	-3	599	-158	4	196	25	10.000	28.836	-32.355	-0.944	20.000	28.789	-29.658	-5.5
746	14	22	33	1980	4	29	8	52	0	-3	599	-153	0	196	25	10.000	28.958	-24.207	-12.230	20.000	28.842	-19.856	-9.1
747	14	24	35	1980	4	29	19	30	0	-2	301	-153	0	196	25	10.000	28.628	2.297	-28.637	20.000	28.628	3.608	-25.3
748	14	25	36	1980	4	30	0	5	0	-2	0	-153	0	196	25	10.000	28.566	-23.349	10.787	20.000	28.497	-19.399	7.2
749	14	26	37	1980	4	30	3	56	0	-1	300	-152	599	188	24	10.000	28.373	-7.202	14.316	20.000	28.298	-0.155	19.6
750	14	27	38	1980	4	30	8	11	0	-1	0	-153	4	196	25	10.000	28.198	-8.801	-4.094	20.000	28.159	-4.290	-3.5
751	14	28	39	1980	4	30	12	10	0	0	300	-152	595	196	25	10.000	27.970	10.756	22.976	20.000	27.932	16.329	20.2
752	14	29	40	1980	4	30	16	51	0	0	0	-152	596	192	24	10.000	27.695	20.034	39.153	20.000	27.695	10.837	34.2
753	14	30	41	1980	4	30	20	44	0	0	299	-153	0	196	25	10.000	27.665	-11.690	-0.490	20.000	27.603	-7.327	15.9
754	14	31	42	1980	5	1	1	13	0	1	0	-153	0	196	25	10.000	27.762	1.284	27.056	20.000	27.567	16.769	34.0
755	14	32	43	1980	5	1	5	1	0	1	300	-153	0	196	25	10.000	27.904	-6.159	39.476	20.000	27.788	6.256	41.0
756	14	33	44	1980	5	1	9	24	0	2	0	-153	0	200	25	10.000	28.108	-25.554	-8.789	20.000	28.114	-21.982	1.5
757	14	34	45	1980	5	1	13	14	0	2	301	-153	2	200	25	10.000	28.045	-29.198	17.660	20.000	28.045	-28.329	16.6
758	14	35	46	1980	5	1	17	47	0	3	0	-153	0	200	25	10.000	27.952	-25.803	24.968	20.000	27.935	-16.568	25.7
759	14	36	47	1980	5	2	0	31	0	4	0	-153	0	200	25	10.000	28.303	-8.048	8.023	20.000	28.155	2.455	13.8
760	14	37	48	1980	5	2	7	6	0	4	599	-152	597	196	25	10.000	28.164	27.037	27.441	20.000	28.053	50.671	7.2
761	14	38	49	1980	5	2	13	57	0	6	0	-153	0	196	25	10.000	28.109	50.533	-1.284	20.000	28.113	50.949	-1.4
762	14	39	50	1980	5	2	21	1	0	7	0	-152	595	196	25	10.000	27.770	55.562	12.814	20.000	27.793	56.815	4.6
763	14	40	51	1980	5	3	4	9	0	8	0	-153	0	196	25	10.000	27.393	10.360	-16.182	20.000	27.397	6.529	-13.3
764	14	41	52	1980	5	3	11	12	0	9	0	-153	2	200	25	10.000	27.146	-28.929	-1.410	20.000	27.146	-18.360	2.8
765	14	42	53	1980	5	3	18	23	0	10	2	-152	595	196	25	10.000	27.115	-22.837	-19.303	20.000	27.115	-9.735	-22.8
766	14	43	54	1980	5	5																	

yr	no	day	hr	min	sec	day	0	-150	0	192	24	10.000	23.947	-17.325	3.376	20.000	23.948	-8.210	7.598
1	1	1	1	1979	2	7	15	46	0	16	0	-150	0	172	22	10.000	24.042	-1.808	-11.352
2	1	2	2	1979	2	8	1	17	0	15	0	-150	0	172	22	10.000	24.222	-25.404	3.385
3	1	3	3	1979	2	8	9	50	0	13	595	-149	591	172	22	10.000	24.406	-16.765	1.857
4	1	4	4	1979	2	8	18	53	0	12	585	-150	1	168	21	10.000	24.444	-41.582	26.978
5	1	5	5	1979	2	9	2	12	0	12	18	-150	15	172	22	10.000	25.280	-33.400	16.308
6	1	6	6	1979	2	9	12	27	0	11	9	-150	0	168	21	10.000	25.171	-18.043	8.475
7	1	7	7	1979	2	9	22	37	0	10	2	-149	599	172	22	10.000	25.754	-7.251	-3.741
8	1	8	8	1979	2	10	9	43	0	8	593	-149	594	172	22	10.000	27.198	40.572	32.365
9	1	9	9	1979	2	10	16	54	0	8	6	-149	525	168	21	10.000	27.171	41.622	7.173
10	1	10	11	1979	2	11	15	2	0	5	594	-149	598	172	22	10.000	27.475	65.269	-6.549
11	1	11	12	1979	2	12	0	33	0	5	0	-150	0	132	17	10.000	27.063	-32.736	13.969
12	1	13	14	1979	2	12	19	24	0	3	10	-149	590	172	22	10.000	27.182	-55.748	-43.692
13	1	14	15	1979	2	13	4	59	0	1	555	-150	77	152	19	10.000	26.888	-36.817	-22.262
14	1	15	16	1979	2	13	8	50	0	1	300	-150	0	152	19	10.000	26.653	-38.857	-11.209
15	1	16	17	1979	2	13	14	14	0	0	577	-150	1	148	19	10.000	26.531	-56.247	-7.043
16	1	17	18	1979	2	13	20	3	0	0	300	-150	0	152	19	10.000	26.366	-2.800	-11.806
17	1	18	19	1979	2	14	2	3	0	0	0	-150	0	168	21	10.000	26.676	-33.719	-15.806
18	1	19	20	1979	2	14	10	2	0	0	10	-151	3	152	19	10.000	26.613	-79.710	11.279
19	1	20	21	1979	2	14	17	35	0	0	44	-151	567	148	19	10.000	26.520	-104.524	7.179
20	1	21	22	1979	2	15	1	35	0	0	0	-153	0	172	22	10.000	26.674	-85.235	-11.329
21	1	22	23	1979	2	15	5	48	0	0	292	-153	11	168	21	10.000	26.491	-78.953	-5.429
22	1	23	24	1979	2	15	11	44	0	1	0	-153	0	152	19	10.000	26.524	-67.762	-0.019
23	1	24	25	1979	2	15	16	13	0	1	303	-152	598	152	19	10.000	26.567	-42.296	3.950
24	1	25	26	1979	2	15	21	16	0	1	597	-152	594	152	19	10.000	26.764	-36.290	4.962
25	1	26	27	1979	2	16	1	37	0	2	300	-152	587	152	19	10.000	26.768	-33.083	20.702
26	1	27	28	1979	2	16	6	42	0	2	597	-152	585	152	19	10.000	27.017	36.600	19.245
27	1	28	29	1979	2	16	14	40	0	4	0	-153	0	152	19	10.000	26.374	-24.277	15.797
28	1	31	33	1979	2	17	23	44	0	8	0	-153	0	148	19	10.000	25.035	-6.458	0.703
29	1	32	34	1979	2	18	7	54	0	8	596	-152	589	152	19	10.000	24.964	-8.541	-32.484
30	1	33	35	1979	2	18	16	21	0	9	594	-152	599	152	19	10.000	24.827	-33.406	-19.575
31	1	34	36	1979	2	19	2	36	0	11	6	-153	26	152	19	10.000	24.418	-7.520	18.239
32	1	41	50	1979	2	24	4	37	0	17	1	-158	10	152	19	10.000	24.085	-9.675	-43.645
33	1	42	51	1979	2	24	12	45	0	18	0	-158	0	152	19	10.000	23.805	29.458	30.789
34	1	43	52	1979	2	24	20	36	0	19	1	-158	1	152	19	10.000	23.608	0.873	-38.700
35	1	44	53	1979	2	25	4	26	0	19	547	-157	587	152	19	10.000	25.688	-13.657	-0.742
36	2	1	12	1979	3	6	7	59	0	10	3	-158	10	152	19	10.000	27.203	-62.371	18.644
37	2	2	19	1979	3	8	12	28	0	3	0	-158	0	152	19	10.000	27.110	-83.686	16.964
38	2	3	20	1979	3	8	17	20	0	2	310	-158	15	152	19	10.000	26.971	-19.552	-5.904
39	2	4	21	1979	3	8	22	34	0	2	0	-158	0	152	19	10.000	27.041	-95.343	25.283
40	2	5	22	1979	3	9	3	4	0	1	290	-158	40	148	19	10.000	26.754	-83.955	1.278
41	2	6	23	1979	3	9	8	18	0	1	0	-158	0	192	24	10.000	26.583	-66.666	1.468
42	2	7	24	1979	3	9	13	17	0	0	300	-158	0	152	19	10.000	26.800	-70.754	-3.673
43	2	8	25	1979	3	9	17	52	0	0	15	-157	590	192	24	10.000	27.205	-77.222	0.153
44	2	9	26	1979	3	9	23	37	0	0	300	-158	0	152	19	10.000	27.298	-83.558	-5.900
45	2	10	27	1979	3	10	5	8	0	-1	41	-158	31	188	24	10.000	27.358	-87.767	-4.830
46	2	11	28	1979	3	10	9	8	0	-1	300	-158	10	152	19	10.000	27.347	-82.434	-11.410
47	2	12	29	1979	3	10	15	10	0	-2	22	-158	18	152	19	10.000	27.421	-87.036	-36.877
48	2	13	30	1979	3	10	19	3	0	-2	290	-158	5	148	19	10.000	27.555	-75.885	-26.884
49	2	14	31	1979	3	11	0	9	0	-3	0	-158	0	152	19	10.000	27.514	-59.946	-17.159
50	2	15	36	1979	3	12	18	43	0	-3	3	-153	20	152	19	10.000	27.450	-89.011	-19.464
51	2	16	37	1979	3	12	23	37	0	-2	295	-153	3	152	19	10.000	27.249	-69.010	-15.999
52	2	17	38	1979	3	13	5	5	0	-2	10	-153	29	152	19	10.000	26.984	-73.120	2.056
53	2	18	39	1979	3	13	9	52	0	-1	318	-152	596	152	19	10.000	26.800	-85.843	-20.381
54	2	19	40	1979	3	13	15	47	0	0	587	-152	587	192	24	10.000	26.627	-81.477	-4.876
55	2	20	41	1979	3	13	20	34	0	0	305	-152	587	188	24	10.000	26.662	-52.739	23.730
56	2	21	42	1979	3	14	2	12	0	0	4	-152	586	228	29	10.000	26.607	-81.620	23.750
57	2	22	43	1979	3	14	7	19	0	0	288	-153	4	192	24	10.000	26.653	-77.477	25.867
58	2	23	44	1979	3	14	22	33	0	0	574	-152	595	152	19	10.000	26.944	-90.537	48.539
59	2	24	45	1979	3	15	3	17	0	1	306	-153	14	152	19	10.000	27.099	-102.293	43.863
60	2	25	46	1979	3	15	8	29	0	2	22	-153	5	152	19	10.000	27.234	-98.326	37.293
61	2	26	47	1979	3	15	12	32	0	2	300	-153	13	152	19	10.000	27.270	-82.952	57.874
62	2	27	48	1979	3	15	17	10	0	3	0	-153	0	152	19	10.000	26.961	-30.278	13.758
63	2	28	63	1979	3	21	1	10	0	4	581	-150	42	152	19	10.000	26.800	-33.552	3.393
64	2	29	64	1979	3	21	8	37	0	4	0	-149	590	152	19	10.000			

65	2	30	65	1979	3	21	16	53	0	2	595	-150	0	148	19	10.000	26.614	-48.283	28.499	20.000	26.588	-38.419	23.46
66	2	31	66	1979	3	21	20	59	0	2	300	-150	0	152	19	10.000	26.688	-62.216	3.875	20.000	26.525	-58.681	10.58
67	2	32	67	1979	3	22	2	4	0	2	2	-149	599	152	19	10.000	26.870	-84.236	12.522	20.000	26.519	-82.478	15.34
68	2	33	68	1979	3	22	6	14	0	1	300	-150	0	152	19	10.000	26.704	-83.964	-5.371	20.000	26.269	-77.764	-6.46
69	2	34	69	1979	3	22	10	40	0	1	0	-150	0	188	24	10.000	26.531	-82.720	17.806	20.000	26.096	-69.008	23.13
70	2	35	70	1979	3	22	16	20	0	0	308	-149	596	152	19	10.000	26.248	-86.578	6.696	20.000	25.913	-71.994	4.84
71	2	36	71	1979	3	22	21	35	0	0	15	-150	0	192	24	10.000	26.860	-83.980	26.261	20.000	26.366	-61.667	27.37
72	2	37	72	1979	3	23	2	0	0	0	300	-150	0	152	19	10.000	26.897	-79.670	21.153	20.000	26.654	-68.448	33.71
73	2	38	73	1979	3	23	6	54	0	0	597	-150	9	192	24	10.000	27.045	-93.285	-3.769	20.000	27.014	-88.262	-5.03
74	2	39	74	1979	3	23	11	27	0	-1	300	-150	0	152	19	10.000	27.199	-96.459	-16.824	20.000	27.186	-93.925	-4.91
75	2	40	75	1979	3	23	16	30	0	-2	21	-150	20	152	19	10.000	27.380	-86.771	-21.269	20.000	27.309	-82.411	-10.71
76	2	41	76	1979	3	23	20	32	0	-2	300	-150	0	152	19	10.000	27.495	-74.683	-6.990	20.000	27.378	-75.746	5.07
77	2	42	77	1979	3	24	1	28	0	-3	4	-149	590	188	24	10.000	27.795	-55.778	-15.967	20.000	27.540	-52.538	-3.32
78	2	43	78	1979	3	24	9	37	0	-4	0	-150	0	192	24	10.000	27.973	-35.000	-11.756	20.000	27.901	-30.291	-7.15
79	2	44	79	1979	3	24	17	35	0	-5	0	-150	2	184	23	10.000	28.253	-15.819	-23.769	20.000	28.253	-12.509	-28.14
80	2	45	80	1979	3	25	1	24	0	-5	576	-150	18	188	24	10.000	28.652	-21.555	7.746	20.000	28.516	8.620	10.97
81	2	46	81	1979	3	25	9	37	0	-7	0	-149	595	192	24	10.000	28.596	-32.282	6.308	20.000	28.595	-26.808	7.04
82	2	47	82	1979	3	25	16	57	0	-8	0	-149	591	192	24	10.000	29.159	-6.873	-5.476	20.000	29.159	-10.156	-2.14
83	2	48	83	1979	3	26	1	30	0	-9	0	-150	0	192	24	10.000	29.347	5.373	-15.148	20.000	29.347	16.016	-17.87
84	3	1	14	1979	4	8	6	36	0	-4	0	-149	595	152	19	10.000	28.022	-49.269	-26.515	20.000	28.006	-46.059	-17.36
85	3	2	15	1979	4	8	15	45	0	-3	7	-150	0	152	19	10.000	27.483	-48.196	-6.032	20.000	27.504	-50.395	-6.67
86	3	3	16	1979	4	8	20	13	0	-2	300	-150	0	152	19	10.000	27.191	-73.168	8.832	20.000	27.168	-67.969	3.92
87	3	4	17	1979	4	9	4	18	0	-2	2	-150	11	192	24	10.000	27.286	-68.708	-11.869	20.000	27.167	-57.998	-17.04
88	3	6	19	1979	4	9	16	16	0	-1	0	-149	594	192	24	10.000	26.823	-18.704	-28.371	20.000	26.827	-15.720	-39.12
89	3	7	20	1979	4	9	20	50	0	0	300	-150	0	36	5	10.000	26.644	-129.762	43.090	20.000	26.565	-114.412	37.31
90	3	8	20	1979	4	9	22	4	0	0	300	-150	0	188	24	10.000	26.668	-15.444	9.867	20.000	26.581	-17.000	8.84
91	3	9	21	1979	4	10	3	20	0	0	0	-150	0	188	24	10.000	26.594	-26.276	9.731	20.000	26.448	-13.771	-3.20
92	3	11	23	1979	4	10	17	27	0	1	1	-149	590	188	24	10.000	26.457	-29.204	11.616	20.000	26.397	-32.486	11.10
93	3	12	24	1979	4	10	21	42	0	1	315	-149	592	188	24	10.000	27.023	-30.220	37.762	20.000	26.978	-23.304	26.78
94	3	13	25	1979	4	11	1	55	0	2	9	-150	0	192	24	10.000	27.471	-36.992	20.392	20.000	27.331	-23.963	14.78
95	3	14	26	1979	4	11	9	58	0	2	300	-150	0	152	19	10.000	27.385	-29.854	1.243	20.000	27.385	-27.464	8.02
96	3	15	27	1979	4	11	14	57	0	3	0	-150	0	152	19	10.000	27.447	-44.853	10.500	20.000	27.447	-37.526	11.34
97	3	16	28	1979	4	11	21	31	0	4	0	-150	0	148	19	10.000	27.539	-0.957	43.754	20.000	27.483	-0.764	41.77
98	3	17	30	1979	4	12	15	29	0	6	0	-150	0	152	19	10.000	27.320	13.374	-16.541	20.000	27.322	11.189	-1.98
99	3	18	34	1979	4	13	0	30	0	10	6	-150	11	152	19	10.000	27.013	7.378	-5.656	20.000	26.999	50.977	-1.67
100	3	19	45	1979	4	17	11	16	0	7	0	-153	0	148	19	10.000	27.358	2.416	30.297	20.000	27.382	20.882	31.9
101	3	20	46	1979	4	17	19	52	0	6	0	-153	0	148	19	10.000	27.402	10.994	-1.799	20.000	27.388	17.619	-5.2
102	3	21	47	1979	4	18	4	8	0	4	594	-153	3	152	19	10.000	27.895	-24.037	-13.897	20.000	27.648	6.963	-7.0
103	3	22	48	1979	4	18	12	24	0	4	0	-153	0	152	19	10.000	27.942	-38.003	-17.336	20.000	27.868	-17.545	-16.8
104	3	23	49	1979	4	18	20	32	0	3	0	-153	0	152	19	10.000	27.878	-38.837	29.493	20.000	27.836	-34.247	29.1
105	3	24	50	1979	4	19	0	36	0	2	300	-153	0	152	19	10.000	27.874	-57.172	-1.096	20.000	27.688	-45.849	-2.8
106	3	25	51	1979	4	19	6	10	0	1	597	-153	5	192	24	10.000	27.823	-32.027	3.830	20.000	27.637	-14.912	-9.3
107	3	26	52	1979	4	19	10	35	0	1	300	-153	0	192	24	10.000	27.559	-41.888	5.880	20.000	27.392	-24.003	-4.8
108	3	27	53	1979	4	19	16	8	0	1	0	-153	0	188	24	10.000	26.971	-9.072	9.956	20.000	26.958	-3.803	5.2
109	3	28	54	1979	4	19	20	26	0	0	300	-153	0	192	24	10.000	27.301	-23.354	-20.892	20.000	27.244	-15.552	-28.6
110	3	29	55	1979	4	20	2	38	0	0	0	-153	0	188	24	10.000	27.686	-32.401	-21.782	20.000	27.372	-23.308	-20.2
111	3	30	56	1979	4	20	7	4	0	0	300	-153	0	192	24	10.000	27.742	-50.191	8.986	20.000	27.571	-37.157	7.0
112	3	31	57	1979	4	20	13	24	0	-1	0	-153	0	192	24	10.000	27.686	-47.310	-19.035	20.000	27.631	-39.785	-16.0
113	3	32	58	1979	4	20	17	31	0	-1	300	-153	0	192	24	10.000	27.602	-81.129	-38.061	20.000	27.589	-73.686	-36.9
114	3	33	59	1979	4	20	23	13	0	-2	0	-153	0	188	24	10.000	27.727	-78.600	-26.152	20.000	27.461	-68.569	-30.4
115	3	34	60	1979	4	21	3	44	0	-2	300	-153	0	152	19	10.000	27.996	-46.717	17.973	20.000	27.707	-42.600	25.4
116	3	35	61	1979	4	21	9	18	0	-3	0	-153	0	152	19	10.000	28.153	-36.569	-5.198	20.000	27.975	-26.496	-1.2
117	3	36	62	1979	4	21	17	7	0	-4	0	-153	0	152	19	10.000	28.223	-45.451	-12.496	20.000	28.223	-45.702	-11.8
118	3	37	64	1979	4	22	23	7	0	-4	0	-158	0	152	19	10.000	28.946	-38.392	-14.723	20.000	28.854	-31.067	-9.5
119	3	38	65	1979	4	23	7	27	0	-3	0	-158	0	152	19	10.000	28.645	-25.555	27.728	20.000	28.615	-16.880	32.9
120	3	39	66	1979	4	23	11	34	0	-2	300	-158	30	152	19	10.000	28.565	-32.841	29.094	20.000	28.565	-34.766	32.00
121	3	40	67	1979	4	23	20	23	0	-2	0	-158	0	192	24	10.000	28.470	-53.623	9.498	20.000	28.447	-46.995	13.6
122	3	41	68	1979	4	24	0	48	0	-1	300	-158	0	196	25	10.000	28.344	-52.527	19.806	20.000	28.234	-43.978	14.0
123	3	42	69	1979	4	24	6	13	0	-1	0	-158	0	188	24	10.000	27.876	-44.942	-6.786	20.000	27.793	-31.194	-6.7
124	3	43	70	1979	4	24	10	58	0	0	300	-158	0	192	24	10.000	27.133	-24.279	-24.756	20.000	27.107	-23.727	-23.5
125	3	44	71	1979	4	24	15	45	0	0	0	-158	0	188	24	10.000	26.855	5.499	-12.345	20.000	26.818	13.219	-9.8
126	3	45	72	1979	4	24	23	35	0	0	300	-158	0	192	24	10.000	2						

129	3	48	75	1979	4	25	14	28	0	2	0	-158	0	188	24	10.000	27.416	-25.918	3.119	20.000	27.416	-22.100	-1.2
130	3	49	76	1979	4	25	21	38	0	2	300	-158	0	152	19	10.000	27.736	-50.924	-5.870	20.000	27.645	-46.952	-4.2
131	3	50	77	1979	4	26	2	37	0	3	0	-158	0	152	19	10.000	27.887	-36.103	0.495	20.000	27.657	-28.137	-0.1
132	3	52	79	1979	4	26	21	7	0	5	0	-158	0	152	19	10.000	28.072	-10.165	12.228	20.000	27.975	-4.135	4.4
133	3	53	80	1979	4	27	4	16	0	6	0	-158	0	148	19	10.000	27.968	25.617	-3.311	20.000	27.900	22.075	6.4
134	4	1	12	1979	5	15	3	13	0	9	0	-158	0	160	20	10.000	26.890	7.477	33.452	20.000	26.890	23.999	45.9
135	4	2	13	1979	5	15	13	29	0	8	0	-158	0	160	20	10.000	27.230	9.206	33.595	20.000	27.232	20.530	39.8
136	4	4	15	1979	5	16	7	37	0	6	0	-158	0	156	20	10.000	27.948	-5.308	45.775	20.000	27.972	-4.947	37.8
137	4	14	25	1979	5	20	0	37	0	0	300	-158	0	200	25	10.000	27.601	7.448	19.045	20.000	27.513	18.853	13.7
138	4	15	26	1979	5	20	6	9	0	-1	0	-158	0	208	26	10.000	27.952	-19.077	11.054	20.000	27.857	-12.285	12.0
139	4	16	27	1979	5	20	12	24	0	-1	300	-158	0	208	26	10.000	28.168	-41.818	22.478	20.000	28.155	-26.652	22.6
140	4	17	28	1979	5	20	18	8	0	-2	0	-158	0	204	26	10.000	28.265	-34.549	16.960	20.000	28.265	-28.030	12.1
141	4	19	30	1979	5	21	4	30	0	-3	0	-158	0	164	21	10.000	28.765	-39.405	-4.744	20.000	28.650	-25.170	-3.1
142	4	20	31	1979	5	22	16	54	0	-3	0	-153	0	160	20	10.000	28.341	-43.980	16.418	20.000	28.347	-47.125	8.5
143	4	21	32	1979	5	22	21	17	0	-2	300	-153	0	160	20	10.000	28.054	-32.130	28.812	20.000	28.019	-26.420	26.7
144	4	22	33	1979	5	23	2	10	0	-2	0	-153	0	196	25	10.000	27.772	-53.453	-5.289	20.000	27.677	-57.554	-0.6
145	4	23	34	1979	5	23	8	4	0	-1	300	-153	0	200	25	10.000	27.353	-41.451	-11.432	20.000	27.354	-48.864	-6.0
146	4	24	35	1979	5	23	13	41	0	-1	0	-153	0	196	25	10.000	27.107	1.475	-29.159	20.000	27.107	-0.640	-24.4
147	4	25	36	1979	5	23	18	43	0	0	300	-153	0	196	25	10.000	26.983	-8.859	-37.888	20.000	26.983	-5.099	-40.7
148	4	26	37	1979	5	24	0	35	0	0	0	-153	0	196	25	10.000	26.993	-13.277	-5.152	20.000	26.896	5.178	-14.6
149	4	27	38	1979	5	24	5	35	0	0	300	-153	0	196	25	10.000	27.131	-11.756	-15.564	20.000	27.136	-6.003	-4.2
150	4	28	39	1979	5	24	12	5	0	1	0	-153	0	196	25	10.000	27.261	-9.429	-22.883	20.000	27.272	-6.901	-19.7
151	4	29	40	1979	5	24	17	56	0	1	300	-153	0	196	25	10.000	27.354	8.150	-13.608	20.000	27.354	15.200	-25.7
152	4	30	41	1979	5	24	23	5	0	2	0	-153	0	196	25	10.000	27.571	-9.109	4.771	20.000	27.474	-5.468	2.9
153	4	31	42	1979	5	25	3	25	0	2	300	-153	0	156	20	10.000	27.881	-7.629	20.043	20.000	27.768	-0.353	15.2
154	4	32	43	1979	5	25	8	16	0	3	0	-153	0	160	20	10.000	27.970	-16.326	-3.877	20.000	27.942	-10.899	-8.5
155	4	33	44	1979	5	25	16	44	0	4	0	-153	0	156	20	10.000	28.002	-4.185	-4.507	20.000	28.005	1.183	6.8
156	4	34	45	1979	5	26	1	22	0	5	0	-153	0	160	20	10.000	28.091	-27.732	-0.046	20.000	28.068	-23.291	-1.5
157	4	35	46	1979	5	26	10	32	0	6	0	-153	0	160	20	10.000	27.635	6.228	-2.313	20.000	27.658	3.436	-10.3
158	4	36	47	1979	5	26	20	54	0	7	0	-153	0	156	20	10.000	27.540	5.385	5.444	20.000	27.540	-17.708	0.7
159	4	37	48	1979	5	27	5	10	0	8	0	-153	0	160	20	10.000	26.879	44.954	0.610	20.000	26.890	44.643	-0.1
160	4	38	49	1979	5	27	13	31	0	9	0	-153	0	156	20	10.000	26.748	8.061	-13.425	20.000	26.767	6.299	-18.5
161	4	39	50	1979	5	27	21	57	0	10	0	-153	0	160	20	10.000	26.536	-16.189	-10.481	20.000	26.492	-12.454	-3.9
162	4	40	59	1979	5	30	16	18	0	10	0	-150	0	160	20	10.000	27.013	-22.226	7.028	20.000	27.013	-24.211	7.4
163	4	43	62	1979	5	31	18	24	0	7	0	-150	0	156	20	10.000	27.385	22.910	-27.742	20.000	27.364	20.771	-26.0
164	4	44	63	1979	6	1	4	56	0	6	0	-150	0	156	20	10.000	27.794	38.073	14.451	20.000	27.628	31.903	4.9
165	4	45	64	1979	6	1	16	29	0	5	0	-150	0	160	20	10.000	28.251	57.642	7.377	20.000	28.149	53.311	0.8
166	4	46	65	1979	6	2	0	54	0	4	0	-150	0	156	20	10.000	28.168	1.494	57.826	20.000	28.163	13.353	39.4
167	4	47	66	1979	6	2	9	30	0	3	0	-150	0	156	20	10.000	27.748	-47.323	35.465	20.000	27.732	-46.418	33.6
168	4	48	67	1979	6	2	13	44	0	2	300	-150	0	156	20	10.000	27.694	-38.106	40.552	20.000	27.694	-38.293	41.0
169	4	49	68	1979	6	2	18	15	0	2	0	-150	0	196	25	10.000	27.690	23.591	26.282	20.000	27.675	20.665	13.8
170	4	50	69	1979	6	2	23	45	0	1	300	-150	0	196	25	10.000	27.765	24.044	41.188	20.000	27.629	27.711	35.3
171	4	51	70	1979	6	3	6	15	0	1	0	-150	0	196	25	10.000	27.554	62.704	-22.216	20.000	27.456	79.419	-18.2
172	4	52	71	1979	6	3	12	25	0	0	300	-150	0	196	25	10.000	27.416	5.868	5.338	20.000	27.407	13.473	1.4
173	4	53	72	1979	6	3	17	57	0	0	0	-150	0	188	24	10.000	27.424	31.978	-6.421	20.000	27.390	33.008	-3.7
174	4	54	73	1979	6	3	22	49	0	0	300	-150	0	196	25	10.000	28.165	12.980	18.993	20.000	28.040	18.465	16.6
175	4	55	74	1979	6	4	4	45	0	-1	0	-150	0	196	25	10.000	28.270	-1.482	9.763	20.000	28.201	5.905	2.1
176	4	56	75	1979	6	4	9	22	0	-1	300	-150	0	196	25	10.000	28.439	5.772	13.075	20.000	28.440	2.060	4.6
177	4	57	75	1979	6	4	14	56	0	5	0	-158	0	196	25	10.000	28.503	-0.055	0.245	20.000	28.503	-0.043	0.1
178	4	58	75	1979	6	4	19	31	0	5	0	-158	0	160	20	10.000	28.472	-0.363	-0.786	20.000	28.472	-0.348	-0.8
179	4	59	75	1979	6	5	0	53	0	5	0	-158	0	160	20	10.000	28.370	-2.820	0.642	20.000	28.317	-2.860	0.5
180	4	61	80	1979	6	5	17	16	0	-5	0	-150	0	160	20	10.000	28.450	-35.658	-29.226	20.000	28.450	-33.649	-26.2
181	4	62	81	1979	6	6	3	46	0	-6	0	-150	0	160	20	10.000	28.737	-15.050	-21.455	20.000	28.701	-6.976	-17.9
182	5	1	13	1979	6	22	5	57	0	-5	15	-149	597	152	19	10.000	28.353	-48.165	4.219	20.000	28.356	-44.493	-3.0
183	5	2	14	1979	6	22	15	30	0	-4	0	-150	0	152	19	10.000	28.231	-64.243	-12.875	20.000	28.231	-62.424	-13.1
184	5	3	15	1979	6	23	0	27	0	-3	0	-150	0	152	19	10.000	28.313	-40.655	20.065	20.000	28.293	-32.026	17.8
185	5	4	16	1979	6	23	5	1	0	-2	300	-150	0	152	19	10.000	28.200	-57.398	17.580	20.000	28.200	-50.113	19.5
186	5	5	17	1979	6	23	10	41	0	-2	0	-150	0	188	24	10.000	27.608	-52.088	-4.662	20.000	27.608	-49.304	-9.2
187	5	6	18	1979	6	23	17	7	0	-1	300	-150	0	188	24	10.000	27.328	-24.585	7.558	20.000	27.328	-26.505	1.0
188	5	7	19	1979	6	23	23	38	0	-1	0	-150	0	188	24	10.000	27.231	-25.637	4.066	20.000	27.142	-20.432	-5.0
189	5	10	22	1979	6	24	20	57	0	0	300	-150	0	184	23	10.000	26.810	-6.337	23.248	20.000	26.737	4.268	22.8
190	5	11	23	1979	6	25	3	35	0	1	0	-150	0	188	24	10.000	27.003	-13.639	11.132				

193	5	14	26	1979	6	25	19	0	0	2	300	-150	0	152	19	10.000	27.701	-27.467	9.808	20.000	27.701	-26.005	17.1
194	5	15	27	1979	6	26	0	28	0	3	0	-150	0	152	19	10.000	27.948	-16.306	36.823	20.000	27.884	-4.851	30.6
195	5	16	28	1979	6	26	9	3	0	4	0	-150	0	152	19	10.000	27.982	-43.150	51.251	20.000	27.982	-33.725	48.0
196	5	17	29	1979	6	26	17	0	0	5	0	-150	0	152	19	10.000	28.200	14.412	22.549	20.000	28.200	21.913	24.3
197	5	18	31	1979	6	27	9	22	0	7	0	-150	0	152	19	10.000	28.186	65.252	-4.373	20.000	28.209	59.629	-5.1
198	5	19	33	1979	6	28	1	39	0	9	0	-150	0	152	19	10.000	27.422	-11.227	-0.672	20.000	27.545	-16.630	6.5
199	5	20	34	1979	6	28	10	12	0	10	0	-150	0	152	19	10.000	27.263	-32.765	3.955	20.000	27.266	-20.711	15.0
200	5	21	42	1979	7	1	15	10	0	5	0	-153	0	148	19	10.000	28.082	20.107	8.526	20.000	28.108	21.751	13.5
201	5	22	43	1979	7	2	0	22	0	4	0	-153	0	152	19	10.000	28.204	-18.377	12.468	20.000	28.114	-14.525	12.3
202	5	23	44	1979	7	2	9	10	0	3	0	-153	0	152	19	10.000	27.701	-57.020	42.928	20.000	27.686	-55.448	35.8
203	5	24	45	1979	7	2	16	7	0	2	300	-153	0	152	19	10.000	27.663	-75.538	21.790	20.000	27.670	-60.641	22.2
204	5	25	46	1979	7	2	22	16	0	2	0	-153	0	188	24	10.000	27.551	-56.447	39.932	20.000	27.487	-54.049	38.5
205	5	26	47	1979	7	3	1	15	0	1	300	-153	0	188	24	10.000	27.241	-56.859	22.172	20.000	27.089	-44.948	9.8
206	5	27	48	1979	7	3	9	18	0	1	0	-153	0	188	24	10.000	26.924	-36.034	21.512	20.000	26.907	-24.262	20.6
207	5	28	49	1979	7	3	16	12	0	0	300	-153	0	188	24	10.000	26.937	-40.217	11.533	20.000	26.859	-25.110	19.7
208	5	29	50	1979	7	3	21	51	0	0	0	-153	0	188	24	10.000	26.889	-36.986	7.014	20.000	26.768	-21.010	6.0
209	5	30	51	1979	7	4	4	43	0	0	300	-153	0	188	24	10.000	26.782	-28.639	14.720	20.000	26.628	-11.349	18.9
210	5	31	52	1979	7	4	9	53	0	-1	0	-153	0	184	23	10.000	26.887	2.558	-6.909	20.000	26.862	13.871	-4.4
211	5	32	53	1979	7	4	16	23	0	-1	300	-153	0	184	23	10.000	27.172	-15.559	33.099	20.000	27.172	-21.109	43.9
212	5	33	54	1979	7	5	0	19	0	-2	0	-153	0	188	24	10.000	27.642	-40.435	19.224	20.000	27.616	-28.590	18.6
213	5	34	55	1979	7	5	5	7	0	-2	300	-153	0	152	19	10.000	27.701	-50.624	1.602	20.000	27.701	-42.923	7.7
214	5	35	56	1979	7	5	10	35	0	-3	0	-153	0	152	19	10.000	27.946	-53.647	14.831	20.000	27.950	-38.797	22.0
215	5	36	57	1979	7	6	14	27	0	-3	0	-158	0	152	19	10.000	28.388	-51.150	4.085	20.000	28.388	-52.585	8.5
216	5	37	58	1979	7	6	18	51	0	-2	300	-158	0	152	19	10.000	28.293	-46.704	16.575	20.000	28.294	-47.249	21.5
217	5	38	59	1979	7	7	0	5	0	-2	0	-158	0	188	24	10.000	28.171	-25.316	7.172	20.000	28.075	-24.740	5.8
218	5	39	60	1979	7	7	4	30	0	-1	300	-158	0	188	24	10.000	27.890	-32.689	-0.604	20.000	27.780	-35.113	1.8
219	5	40	61	1979	7	7	10	0	0	-1	0	-158	0	188	24	10.000	27.375	-27.517	34.670	20.000	27.253	-21.897	27.3
220	5	41	62	1979	7	7	16	8	0	0	300	-158	0	180	23	10.000	27.029	-13.174	12.332	20.000	26.947	-11.013	18.8
221	5	42	63	1979	7	7	21	31	0	0	0	-158	0	188	24	10.000	27.000	-14.405	32.352	20.000	26.852	-8.289	32.8
222	5	43	64	1979	7	8	3	10	0	0	300	-158	0	188	24	10.000	26.979	-25.460	6.309	20.000	26.792	-17.202	7.3
223	5	44	65	1979	7	8	8	57	0	1	0	-158	0	188	24	10.000	27.474	-4.538	10.493	20.000	27.273	-9.462	4.0
224	5	45	66	1979	7	8	13	27	0	1	300	-158	0	188	24	10.000	27.316	-17.231	6.751	20.000	27.247	-24.370	-0.4
225	5	46	67	1979	7	8	18	55	0	2	0	-158	0	188	24	10.000	27.761	1.387	-10.387	20.000	27.763	1.029	-14.8
226	5	47	68	1979	7	8	23	34	0	2	300	-158	0	152	19	10.000	27.819	-33.535	24.242	20.000	27.710	-33.231	14.2
227	5	48	69	1979	7	9	4	26	0	3	0	-158	0	148	19	10.000	28.106	-20.838	22.836	20.000	27.879	-38.579	30.5
228	5	50	71	1979	7	9	21	57	0	5	0	-158	0	152	19	10.000	28.276	-11.979	-42.476	20.000	28.194	-9.540	-34.6
229	5	51	72	1979	7	10	5	57	0	6	0	-158	0	148	19	10.000	28.584	40.719	10.609	20.000	28.311	41.979	7.5
230	5	52	73	1979	7	10	15	37	0	7	0	-158	0	152	19	10.000	28.197	59.887	-17.918	20.000	28.095	47.373	-10.4
231	5	53	74	1979	7	10	23	37	0	8	0	-158	0	152	19	10.000	27.996	7.410	25.052	20.000	27.682	21.539	23.5
232	5	54	75	1979	7	11	7	43	0	9	0	-158	0	152	19	10.000	27.590	-34.867	-2.299	20.000	27.455	-21.493	-5.0
233	5	55	76	1979	7	11	16	46	0	10	0	-158	0	148	19	10.000	27.292	-28.317	11.185	20.000	27.292	-29.831	19.6
234	6	1	11	1979	7	23	6	41	0	9	585	-158	338	200	25	10.000	27.529	-57.359	-26.510	20.000	27.461	-41.845	-36.8
235	6	2	12	1979	7	23	13	59	0	9	0	-158	299	200	25	10.000	27.662	-34.890	-51.567	20.000	27.676	-30.723	-47.6
236	6	4	14	1979	7	24	4	54	0	7	1	-158	295	200	25	10.000	28.440	57.716	9.038	20.000	28.440	65.534	13.2
237	6	5	15	1979	7	24	14	2	0	6	0	-157	299	200	25	10.000	28.509	68.447	8.977	20.000	28.538	62.421	23.3
238	6	6	16	1979	7	24	22	26	0	6	3	-158	298	200	25	10.000	28.695	57.940	4.352	20.000	28.679	57.464	4.9
239	6	7	17	1979	7	25	6	20	0	6	1	-159	300	196	25	10.000	28.596	68.308	0.316	20.000	28.622	65.682	-6.5
240	6	8	18	1979	7	25	15	1	0	5	1	-158	298	200	25	10.000	28.380	21.095	-12.153	20.000	28.397	20.045	-2.0
241	6	11	21	1979	7	26	9	44	0	2	300	-158	300	200	25	10.000	27.844	-50.408	20.015	20.000	27.820	-41.309	21.0
242	6	12	22	1979	7	26	14	39	0	1	599	-158	299	200	25	10.000	27.608	-26.819	-13.205	20.000	27.628	-30.507	-17.8
243	6	13	23	1979	7	26	18	30	0	1	295	-158	299	200	25	10.000	27.462	-43.126	25.774	20.000	27.475	-47.103	14.8
244	6	14	24	1979	7	26	23	20	0	1	9	-158	316	200	25	10.000	27.437	-13.125	-13.346	20.000	27.356	-11.144	-2.3
245	6	15	25	1979	7	27	3	27	0	0	300	-158	289	200	25	10.000	27.441	-12.332	-5.440	20.000	27.292	-7.670	1.1
246	6	16	26	1979	7	27	8	28	0	0	1	-158	301	196	25	10.000	27.241	17.056	9.808	20.000	27.102	25.424	-3.9
247	6	17	27	1979	7	27	12	56	0	0	299	-158	291	200	25	10.000	27.199	3.561	-5.915	20.000	27.191	7.345	-8.2
248	6	18	28	1979	7	27	17	53	0	-1	1	-158	279	200	25	10.000	27.385	-1.436	-4.542	20.000	27.385	28.065	-2.6
249	6	19	29	1979	7	27	21	51	0	-1	300	-158	300	200	25	10.000	27.628	-16.882	10.894	20.000	27.574	5.183	-4.2
250	6	20	30	1979	7	28	2	23	0	-2	0	-158	299	200	25	10.000	27.935	-25.527	24.070	20.000	27.850	-22.536	7.1
251	6	21	31	1979	7	28	6	8	0	-2	299	-158	298	200	25	10.000	28.036	1.258	4.710	20.000	28.003	11.851	-0.2
252	6	22	32	1979	7	28	10	46	0	-3	0	-158	300	200	25	10.000	28.098	-11.319	36.852	20.000	28.098	-9.158	24.3
253	6	23	33	1979	7	28	17	41	0	-4	0	-158	301	200	25	10.000	28.130	-30.566	8.798	20.000	28.129	-26.047	11.5
254	6	24	38	1979	7	30	0	20	0	-3	593	-15											

257	6	27	41	1979	7	30	15	56	0	-2	14	-153	287	200	25	10.000	27.908	22.546	-18.884	20.000	27.912	26.296	-13.2
258	6	28	42	1979	7	30	19	56	0	-1	301	-153	308	200	25	10.000	27.820	21.039	5.206	20.000	27.844	18.132	5.0
259	6	29	43	1979	7	31	0	45	0	-1	0	-153	304	200	25	10.000	27.631	51.756	-12.522	20.000	27.610	61.741	2.4
260	6	30	44	1979	7	31	4	43	0	0	301	-153	284	196	25	10.000	27.230	14.870	-8.066	20.000	27.230	17.614	13.5
261	6	31	45	1979	7	31	10	15	0	0	0	-153	303	200	25	10.000	27.013	27.284	7.530	20.000	27.015	39.385	18.3
262	6	32	46	1979	7	31	14	37	0	0	302	-153	294	200	25	10.000	26.798	12.228	7.837	20.000	26.798	21.435	3.2
263	6	33	47	1979	7	31	19	28	0	1	1	-153	304	196	25	10.000	27.447	-5.333	-17.232	20.000	27.447	-3.606	-14.4
264	6	34	48	1979	7	31	23	38	0	1	299	-153	309	200	25	10.000	28.009	-30.936	-8.291	20.000	27.939	-33.289	-20.9
265	6	35	49	1979	8	1	4	28	0	1	599	-153	310	200	25	10.000	27.942	-54.742	-19.307	20.000	27.935	-51.664	-16.5
266	6	36	50	1979	8	1	8	27	0	2	302	-153	297	200	25	10.000	28.005	-46.066	1.725	20.000	28.005	-35.953	2.7
267	6	37	51	1979	8	1	13	13	0	2	599	-153	299	196	25	10.000	28.006	-31.377	14.270	20.000	28.029	-30.226	11.2
268	6	38	52	1979	8	1	20	1	0	4	4	-153	300	200	25	10.000	28.253	-14.311	39.643	20.000	28.232	-27.318	37.0
269	6	39	53	1979	8	2	2	55	0	5	0	-153	300	200	25	10.000	28.467	14.351	25.107	20.000	28.419	18.629	15.4
270	6	40	54	1979	8	2	12	23	0	6	0	-152	300	200	25	10.000	28.393	29.897	-8.443	20.000	28.409	35.093	-13.8
271	6	41	55	1979	8	2	20	14	0	6	3	-153	296	200	25	10.000	28.379	7.396	-10.270	20.000	28.379	20.389	3.0
272	6	42	56	1979	8	3	3	44	0	6	0	-154	300	200	25	10.000	28.440	12.709	20.106	20.000	28.440	20.672	20.0
273	6	43	57	1979	8	3	13	54	0	6	599	-153	300	200	25	10.000	28.284	45.448	33.382	20.000	28.285	35.583	33.1
274	6	44	58	1979	8	3	20	47	0	8	2	-153	293	196	25	10.000	28.092	28.633	32.075	20.000	28.069	32.588	33.4
275	6	45	59	1979	8	4	3	42	0	9	0	-153	300	200	25	10.000	27.883	-6.420	14.889	20.000	27.849	1.681	13.6
276	6	46	60	1979	8	4	10	43	0	10	0	-153	300	196	25	10.000	27.365	-18.184	28.479	20.000	27.385	-5.277	25.9
277	6	47	67	1979	8	6	10	21	0	10	3	-150	301	192	24	10.000	27.577	2.036	-6.771	20.000	27.600	-1.772	-13.5
278	6	48	68	1979	8	6	17	11	0	9	0	-150	310	200	25	10.000	27.695	-16.092	-6.763	20.000	27.693	-12.642	-6.9
279	6	49	69	1979	8	7	0	40	0	8	0	-150	288	200	25	10.000	28.308	55.667	-2.575	20.000	28.286	68.850	-3.2
280	6	50	70	1979	8	7	8	9	0	7	0	-150	288	200	25	10.000	28.316	71.226	7.186	20.000	28.316	73.950	9.8
281	6	51	71	1979	8	7	16	12	0	6	0	-150	300	200	25	10.000	28.223	53.326	31.679	20.000	28.234	51.762	29.0
282	6	52	72	1979	8	8	10	17	0	5	1	-150	301	200	25	10.000	27.392	4.717	57.725	20.000	27.321	1.141	56.0
283	6	53	73	1979	8	8	18	44	0	4	3	-150	301	196	25	10.000	27.408	-77.029	32.828	20.000	27.416	-82.250	41.8
284	6	54	74	1979	8	8	16	6	0	3	48	-150	361	196	25	10.000	27.447	-73.386	10.994	20.000	27.447	-66.036	21.7
285	6	55	75	1979	8	8	20	41	0	2	299	-150	310	200	25	10.000	27.342	-44.862	5.758	20.000	27.322	-52.155	-3.1
286	6	56	76	1979	8	9	1	24	0	2	0	-150	302	200	25	10.000	27.168	-72.220	9.154	20.000	27.063	-64.780	9.2
287	6	57	77	1979	8	9	5	22	0	1	300	-150	310	200	25	10.000	26.763	-61.376	8.012	20.000	26.737	-64.124	2.6
288	6	58	78	1979	8	9	10	21	0	1	0	-150	297	200	25	10.000	26.274	6.186	-24.992	20.000	26.274	-3.681	-20.3
289	6	59	79	1979	8	9	14	13	0	0	300	-150	302	200	25	10.000	26.086	-5.545	-36.810	20.000	26.075	-1.823	-41.8
290	6	60	80	1979	8	9	17	56	0	0	2	-150	296	200	25	10.000	26.089	-29.630	-21.101	20.000	26.068	-25.035	-32.0
291	6	61	81	1979	8	9	23	15	0	0	299	-150	298	200	25	10.000	26.375	-20.023	-42.526	20.000	26.275	-13.366	-39.2
292	6	62	82	1979	8	10	4	7	0	-1	1	-150	299	200	25	10.000	26.623	-39.744	-27.315	20.000	26.513	-32.126	-29.1
293	6	63	83	1979	8	10	7	42	0	-1	301	-150	300	200	25	10.000	26.921	-76.530	-26.607	20.000	26.910	-75.295	-29.0
294	6	64	84	1979	8	10	12	24	0	-1	599	-150	301	200	25	10.000	27.178	-60.726	8.268	20.000	27.196	-63.338	-1.8
295	6	65	85	1979	8	10	16	9	0	-2	300	-150	294	200	25	10.000	27.322	-41.997	-11.409	20.000	27.322	-41.058	-6.1
296	6	66	86	1979	8	10	20	49	0	-3	3	-150	303	200	25	10.000	27.435	-31.808	13.475	20.000	27.387	-30.380	4.4
297	6	67	87	1979	8	11	3	28	0	-3	591	-150	314	200	25	10.000	27.601	-33.355	5.157	20.000	27.517	-26.508	3.2
298	7	1	14	1979	8	22	12	34	0	-4	0	-149	300	152	19	10.000	27.289	-59.129	-9.059	20.000	27.201	-56.733	-9.4
299	7	2	15	1979	8	22	21	52	0	-3	0	-149	300	152	19	10.000	27.307	-15.401	-11.974	20.000	27.292	-15.498	-10.1
300	7	3	16	1979	8	22	23	28	0	-2	300	-149	300	192	24	10.000	27.614	-21.343	6.941	20.000	27.449	-14.894	-3.6
301	7	4	17	1979	8	23	4	1	0	-2	0	-149	300	192	24	10.000	27.576	-11.003	16.197	20.000	27.427	-10.511	23.0
302	7	5	18	1979	8	23	8	5	0	-1	300	-149	300	192	24	10.000	27.347	-11.585	13.979	20.000	27.306	-9.789	14.2
303	7	6	19	1979	8	23	12	51	0	-1	0	-149	300	152	19	10.000	27.230	-32.792	31.324	20.000	27.204	-26.095	27.8
304	7	7	20	1979	8	23	16	30	0	0	300	-149	300	152	19	10.000	26.862	17.171	12.332	20.000	26.885	11.070	25.6
305	7	8	21	1979	8	23	21	29	0	0	0	-149	300	192	24	10.000	26.469	-25.877	71.492	20.000	26.404	-12.676	75.9
306	7	9	22	1979	8	24	1	59	0	0	300	-149	300	188	24	10.000	26.464	27.243	38.305	20.000	26.317	36.656	33.0
307	7	10	23	1979	8	24	6	49	0	1	0	-149	300	192	24	10.000	27.101	-7.835	37.015	20.000	27.058	0.218	37.9
308	7	11	24	1979	8	24	11	36	0	1	300	-149	300	192	24	10.000	26.971	-16.220	5.968	20.000	26.967	-9.875	0.9
309	7	12	25	1979	8	24	15	13	0	2	0	-149	300	192	24	10.000	26.906	-24.754	34.653	20.000	26.921	-26.074	29.8
310	7	13	26	1979	8	24	18	50	0	2	300	-149	300	188	24	10.000	26.793	-78.789	103.372	20.000	26.768	-78.043	93.2
311	7	14	27	1979	8	24	23	20	0	3	0	-149	300	192	24	10.000	26.816	-15.960	89.142	20.000	26.765	-28.698	83.6
312	7	15	28	1979	8	25	5	57	0	4	0	-149	300	188	24	10.000	27.265	-23.264	101.362	20.000	27.068	-37.596	89.8
313	7	16	29	1979	8	25	12	27	0	5	0	-149	300	188	24	10.000	27.074	31.929	81.559	20.000	26.969	23.136	73.8
314	7	17	30	1979	8	25	20	46	0	6	0	-149	300	188	24	10.000	28.253	50.860	32.297	20.000	28.267	46.712	32.2
315	7	18	31	1979	8	26	8	16	0	7	0	-149	300	192	24	10.000	28.223	65.499	16.999	20.000	28.223	62.927	17.0
316	7	19	32	1979	8	26	16	7	0	8	0	-149	300	188	24	10.000	28.050	47.257	22.863	20.000	28.067	53.999	23.6
317	7	20	33	1979	8	27	1	14	0	9	0	-149	300	192	24	10.000	27.862	7.517	13.877	20.000	27.802	14.13	

321	7	24	43	1979	8	29	21	46	0	8	0	-153	100	192	24	10.000	28.226	36.593	-3.148	20.000	28.177	28.678	-5.5
322	7	25	44	1979	8	30	5	10	0	7	0	-153	100	192	24	10.000	28.582	72.332	-7.693	20.000	28.436	68.881	-4.9
323	7	26	45	1979	8	30	14	36	0	6	0	-153	100	192	24	10.000	28.690	53.527	-37.069	20.000	28.522	52.089	-27.9
324	7	27	46	1979	8	30	22	34	0	5	0	-153	100	192	24	10.000	28.347	-6.990	-10.847	20.000	28.308	-4.286	-11.0
325	7	28	47	1979	8	31	6	30	0	4	0	-153	100	188	24	10.000	28.385	-35.913	-53.266	20.000	28.286	-15.667	-57.1
326	7	29	48	1979	8	31	13	55	0	3	0	-153	100	188	24	10.000	28.192	-40.327	-51.214	20.000	28.192	-47.047	-49.8
327	7	30	49	1979	8	31	18	45	0	2	300	-153	100	192	24	10.000	28.253	-27.668	-34.755	20.000	28.253	-24.637	-39.2
328	7	31	50	1979	8	31	23	29	0	2	0	-153	100	192	24	10.000	28.315	-18.965	6.728	20.000	28.243	-19.040	-5.9
329	7	32	51	1979	9	1	3	29	0	1	300	-153	100	188	24	10.000	28.346	-17.577	-12.960	20.000	28.311	6.610	-22.1
330	7	33	52	1979	9	1	7	27	0	1	0	-153	100	192	24	10.000	28.084	13.475	22.585	20.000	28.082	8.275	17.5
331	7	34	53	1979	9	1	11	57	0	0	425	-153	26	188	24	10.000	27.724	13.546	5.221	20.000	27.696	13.013	2.9
332	7	35	54	1979	9	1	16	44	0	0	200	-153	50	192	24	10.000	27.292	0.149	14.399	20.000	27.292	3.941	15.0
333	7	36	55	1979	9	1	21	15	0	0	0	-153	50	192	24	10.000	27.288	24.175	-6.032	20.000	27.209	48.240	-4.0
334	7	37	56	1979	9	2	2	1	0	0	300	-153	50	188	24	10.000	27.588	24.316	-11.852	20.000	27.449	31.323	-8.0
335	7	38	57	1979	9	2	7	9	0	-1	0	-153	100	192	24	10.000	27.815	8.212	-12.998	20.000	27.761	14.854	-13.7
336	7	39	58	1979	9	2	10	55	0	-1	300	-153	100	184	23	10.000	27.847	48.557	-4.104	20.000	27.864	45.412	-2.4
337	7	40	59	1979	9	2	16	11	0	-2	0	-153	100	192	24	10.000	27.754	40.017	26.107	20.000	27.757	38.148	22.2
338	7	42	61	1979	9	3	3	7	0	-3	0	-153	100	192	24	10.000	27.890	38.185	18.069	20.000	27.796	35.896	14.1
339	7	43	62	1979	9	3	9	26	0	-3	499	-153	100	192	24	10.000	27.881	-33.421	37.773	20.000	27.880	-19.954	46.2
340	7	44	66	1979	9	4	10	9	0	-3	499	-157	300	192	24	10.000	28.036	-33.908	-38.595	20.000	28.028	-29.087	-39.7
341	7	45	67	1979	9	4	16	30	0	-3	0	-157	300	192	24	10.000	28.110	-16.073	-30.301	20.000	28.129	-20.639	-11.7
342	7	46	68	1979	9	4	20	17	0	-2	300	-157	300	192	24	10.000	28.187	-23.950	-12.337	20.000	28.164	-19.956	-14.3
343	7	47	69	1979	9	5	1	55	0	-2	0	-157	300	192	24	10.000	28.398	-7.883	-25.050	20.000	28.273	8.224	-29.4
344	7	48	70	1979	9	5	4	44	0	-1	300	-157	300	192	24	10.000	28.000	-3.052	-27.246	20.000	27.883	14.871	-26.3
345	7	49	71	1979	9	5	10	4	0	-1	0	-157	300	192	24	10.000	27.850	-12.200	-45.774	20.000	27.829	-11.192	-42.0
346	7	50	72	1979	9	5	13	27	0	0	300	-157	300	192	24	10.000	27.794	-11.299	-32.774	20.000	27.815	-8.160	-30.0
347	7	51	73	1979	9	5	18	19	0	0	0	-157	300	176	22	10.000	27.726	8.135	-43.404	20.000	27.726	1.683	-32.6
348	7	52	74	1979	9	5	22	45	0	0	300	-157	300	192	24	10.000	27.878	-19.099	-24.333	20.000	27.768	-7.502	-19.7
349	7	53	75	1979	9	6	3	36	0	1	0	-157	300	192	24	10.000	28.029	-38.998	-8.385	20.000	27.792	-25.096	-18.3
350	7	54	76	1979	9	6	7	24	0	1	300	-157	300	192	24	10.000	28.212	-33.090	-15.836	20.000	27.870	-21.522	-9.9
351	7	55	77	1979	9	6	12	1	0	2	0	-157	400	188	24	10.000	27.309	-19.677	3.580	20.000	27.282	-11.629	3.5
352	7	56	78	1979	9	6	15	47	0	2	300	-157	300	192	24	10.000	28.245	-41.814	37.168	20.000	28.166	-29.010	24.1
353	7	57	79	1979	9	6	20	22	0	3	0	-157	300	192	24	10.000	28.163	-42.498	29.971	20.000	28.141	-42.698	22.6
354	7	58	80	1979	9	7	3	1	0	4	0	-157	300	192	24	10.000	28.313	-20.216	-2.832	20.000	28.188	-21.636	-8.6
355	7	59	81	1979	9	7	9	45	0	5	0	-157	300	192	24	10.000	28.244	57.044	7.508	20.000	28.209	49.133	5.4
356	7	60	82	1979	9	7	16	46	0	6	0	-157	300	192	24	10.000	28.977	64.851	-21.080	20.000	28.994	66.043	-15.7
357	7	61	83	1979	9	7	23	52	0	7	0	-157	300	192	24	10.000	28.804	81.328	11.106	20.000	28.771	80.277	10.2
358	7	62	85	1979	9	8	7	30	0	8	0	-157	300	188	24	10.000	28.434	116.340	-32.725	20.000	28.430	99.715	-32.2
359	7	63	86	1979	9	8	15	16	0	9	0	-157	300	192	24	10.000	28.252	26.842	-32.122	20.000	28.022	26.798	-10.4
360	7	64	87	1979	9	8	21	17	0	10	0	-157	300	192	24	10.000	27.964	-12.737	0.919	20.000	27.907	-29.158	-14.8
361	8	1	12	1979	10	2	2	56	0	10	0	-157	495	196	25	10.000	27.886	-54.242	-40.314	20.000	27.784	-62.123	-45.6
362	8	2	13	1979	10	2	10	1	0	9	0	-157	492	200	25	10.000	28.032	68.394	-37.863	20.000	28.006	61.516	-41.7
363	8	3	14	1979	10	2	17	4	0	8	0	-157	510	196	25	10.000	28.696	68.253	-15.313	20.000	28.696	66.361	-20.7
364	8	4	15	1979	10	3	0	18	0	7	0	-157	500	200	25	10.000	29.169	58.555	3.639	20.000	29.159	58.452	3.9
365	8	5	16	1979	10	3	7	44	0	6	0	-157	505	188	24	10.000	29.089	65.304	31.135	20.000	29.113	58.621	42.3
366	8	6	17	1979	10	3	14	56	0	4	599	-157	498	200	25	10.000	28.844	-52.717	51.350	20.000	28.871	-49.876	52.4
367	8	7	18	1979	10	3	22	8	0	4	0	-157	503	200	25	10.000	28.144	-25.303	41.286	20.000	28.038	-27.058	40.2
368	8	8	19	1979	10	4	6	29	0	3	0	-157	480	196	25	10.000	27.850	-1.239	50.134	20.000	27.846	-7.489	53.6
369	8	9	20	1979	10	4	10	36	0	2	300	-157	498	200	25	10.000	27.681	-49.362	55.075	20.000	27.695	-45.514	38.7
370	8	10	21	1979	10	4	15	56	0	2	3	-157	500	184	23	10.000	27.666	-36.008	-1.895	20.000	27.672	3.684	-8.3
371	8	11	22	1979	10	4	19	47	0	1	311	-157	507	196	25	10.000	27.308	-93.395	39.147	20.000	27.297	-65.918	14.5
372	8	12	23	1979	10	5	0	44	0	1	0	-157	516	200	25	10.000	27.331	-78.650	9.281	20.000	27.255	-66.817	-4.1
373	8	13	24	1979	10	5	5	33	0	0	299	-157	517	196	25	10.000	27.255	-117.133	-24.876	20.000	27.208	-106.655	-32.2
374	8	14	25	1979	10	5	10	21	0	0	5	-157	513	200	25	10.000	27.107	-82.111	-12.104	20.000	27.101	-73.765	-13.4
375	8	15	26	1979	10	5	14	30	0	0	300	-157	516	200	25	10.000	27.090	-59.826	-18.217	20.000	27.079	-56.441	-14.9
376	8	16	27	1979	10	5	19	33	0	-1	0	-157	517	200	25	10.000	27.147	-74.464	-20.297	20.000	27.131	-56.432	-19.7
377	8	17	28	1979	10	5	23	27	0	-1	300	-157	520	200	25	10.000	27.461	-66.265	-14.741	20.000	27.370	-63.818	-8.5
378	8	18	29	1979	10	6	4	21	0	-1	595	-157	531	196	25	10.000	27.720	-71.649	-17.157	20.000	27.595	-59.880	-18.2
379	8	19	30	1979	10	6	8	15	0	-2	302	-157	500	200	25	10.000	27.749	-59.573	-10.493	20.000	27.739	-50.086	-24.9
380	8	20	31	1979	10	6	12	58	0	-3	0	-157	470	200	25	10.000	27.850	-49.801	-12.050	20.000	27.850	-50.499	-20.7
381	8	21	32	1979	10	6	19	38	0	-3	550	-157	500	200	25	10.000	27.912	-52.785	4.526	20.000	27.912	-51.134	0.9
382	8	22	37	1979	10	8</																	

385	8	25	40	1979	10	8	20	42	0	-2	0	-152	300	200	25	10.000	27.444	-47.979	-23.422	20.000	27.416	-47.822	-12.2
386	8	26	41	1979	10	9	0	47	0	-1	300	-152	300	200	25	10.000	27.686	-34.662	1.751	20.000	27.517	-31.007	4.3
387	8	27	42	1979	10	9	5	46	0	-1	0	-152	300	200	25	10.000	27.473	-15.346	-4.403	20.000	27.359	-12.516	-0.5
388	8	28	43	1979	10	9	13	33	0	0	412	-153	48	200	25	10.000	27.385	-20.954	-11.562	20.000	27.369	-15.471	-15.4
389	8	29	44	1979	10	13	3	0	0	0	59	-152	106	200	25	10.000	26.885	-40.970	-10.677	20.000	26.865	-33.486	-15.5
390	8	30	46	1979	10	14	0	17	0	0	300	-152	308	200	25	10.000	27.304	-45.969	-40.643	20.000	27.199	-35.811	-33.6
391	8	31	47	1979	10	14	7	12	0	1	0	-152	300	200	25	10.000	27.292	-57.079	1.759	20.000	27.291	-49.570	-2.0
392	8	32	48	1979	10	14	14	32	0	0	418	-153	73	200	25	10.000	27.230	-42.124	-0.206	20.000	27.230	-38.185	-4.8
393	8	33	49	1979	10	16	9	53	0	1	298	-152	290	200	25	10.000	27.451	21.525	-18.502	20.000	27.462	20.316	-27.8
394	8	34	50	1979	10	16	14	45	0	2	0	-152	280	200	25	10.000	27.597	-17.995	6.245	20.000	27.602	-18.073	5.4
395	8	35	51	1979	10	16	18	54	0	2	300	-152	282	200	25	10.000	27.602	-18.405	3.541	20.000	27.602	-7.227	1.0
396	8	36	52	1979	10	16	23	30	0	3	3	-152	300	200	25	10.000	27.903	-20.084	-21.867	20.000	27.823	-17.260	-30.3
397	8	37	53	1979	10	17	5	45	0	4	0	-152	300	200	25	10.000	27.850	-35.777	7.167	20.000	27.846	-31.556	4.6
398	8	38	54	1979	10	17	14	53	0	5	0	-152	295	200	25	10.000	28.168	-33.032	7.474	20.000	28.171	-31.448	11.9
399	8	39	55	1979	10	17	21	44	0	6	0	-152	300	200	25	10.000	28.717	28.155	43.973	20.000	28.690	25.666	42.5
400	8	40	56	1979	10	18	4	22	0	7	0	-152	297	196	25	10.000	28.900	89.161	41.089	20.000	28.983	80.452	29.9
401	8	41	57	1979	10	18	11	24	0	7	596	-152	294	200	25	10.000	28.749	44.363	-1.905	20.000	28.722	43.390	11.4
402	8	42	58	1979	10	18	18	44	0	8	586	-152	302	200	25	10.000	28.253	35.136	-33.385	20.000	28.246	29.426	-31.6
403	8	43	59	1979	10	19	2	17	0	10	0	-152	300	196	25	10.000	28.005	-47.716	-16.145	20.000	28.002	-45.948	-4.7
404	8	44	62	1979	10	20	7	25	0	10	12	-149	493	200	25	10.000	27.469	-29.274	58.486	20.000	27.378	-11.085	49.0
405	8	45	64	1979	10	20	21	31	0	8	0	-149	506	200	25	10.000	28.583	91.551	3.915	20.000	28.553	92.938	3.1
406	8	46	65	1979	10	21	5	3	0	7	0	-149	492	200	25	10.000	28.751	99.656	4.059	20.000	28.753	97.773	3.9
407	8	47	66	1979	10	21	12	1	0	6	0	-149	495	200	25	10.000	28.509	73.492	-27.415	20.000	28.505	77.358	-21.5
408	8	48	67	1979	10	21	18	58	0	5	14	-149	519	200	25	10.000	27.540	-38.983	7.880	20.000	27.540	-38.743	14.0
409	8	49	68	1979	10	22	11	39	0	3	595	-149	492	112	14	10.000	26.921	-50.873	9.857	20.000	26.921	-51.023	8.4
410	8	50	69	1979	10	22	17	53	0	3	1	-149	511	112	14	10.000	27.013	-47.987	2.064	20.000	27.013	-62.484	11.8
411	8	51	70	1979	10	23	0	14	0	2	0	-149	501	112	14	10.000	27.108	-68.380	-19.287	20.000	27.021	-64.281	-24.1
412	8	52	71	1979	10	23	3	41	0	1	310	-149	520	112	14	10.000	27.129	-87.540	-4.365	20.000	27.087	-78.171	-15.1
413	8	53	72	1979	10	23	7	45	0	1	2	-149	501	112	14	10.000	27.042	-116.627	-36.208	20.000	27.044	-114.939	-33.8
414	8	54	73	1979	10	23	11	25	0	0	300	-149	515	112	14	10.000	26.878	-113.642	-18.070	20.000	26.813	-97.333	-41.4
415	8	55	74	1979	10	23	15	48	0	0	10	-149	502	112	14	10.000	26.559	-86.581	-61.399	20.000	26.520	-82.095	-55.2
416	8	56	75	1979	10	23	19	12	0	0	302	-149	500	112	14	10.000	26.191	-87.800	-57.332	20.000	26.140	-67.545	-75.5
417	8	57	76	1979	10	23	23	4	0	0	599	-149	500	112	14	10.000	26.416	-60.540	-34.227	20.000	26.335	-61.350	-32.9
418	8	58	77	1979	10	24	2	37	0	-1	296	-149	472	112	14	10.000	26.404	-57.621	-42.046	20.000	26.287	-53.280	-40.5
419	8	59	78	1979	10	24	6	27	0	-2	9	-149	490	112	14	10.000	26.437	-24.427	-41.889	20.000	26.351	-13.601	-42.2
420	8	60	79	1979	10	24	12	31	0	-3	0	-149	482	108	14	10.000	27.322	-5.771	21.904	20.000	27.322	-9.110	2.6
421	8	61	80	1979	10	24	18	50	0	-4	1	-149	498	112	14	10.000	27.571	-20.853	2.486	20.000	27.571	-20.029	11.0
422	9	1	14	1979	11	4	7	14	0	-4	0	-150	100	200	25	10.000	27.926	-10.774	-1.569	20.000	27.942	-13.910	6.5
423	9	2	15	1979	11	4	14	25	0	-3	0	-150	96	200	25	10.000	27.787	-10.554	4.136	20.000	27.787	-7.496	16.8
424	9	3	16	1979	11	4	18	17	0	-2	305	-150	92	200	25	10.000	27.322	-9.335	10.291	20.000	27.314	-10.204	31.5
425	9	4	17	1979	11	4	23	9	0	-2	0	-150	100	200	25	10.000	27.188	-5.575	33.811	20.000	27.107	-10.069	14.0
426	9	5	18	1979	11	5	2	55	0	-1	299	-150	87	196	25	10.000	26.912	-31.811	36.234	20.000	26.829	-25.477	33.0
427	9	6	19	1979	11	5	7	27	0	-1	2	-150	103	200	25	10.000	26.819	-28.447	24.716	20.000	26.789	-23.978	13.7
428	9	7	20	1979	11	5	11	29	0	0	300	-150	91	200	25	10.000	26.633	-23.289	28.446	20.000	26.601	-18.115	20.2
429	9	8	21	1979	11	5	17	22	0	0	7	-150	82	200	25	10.000	26.459	-14.046	25.283	20.000	26.459	-7.440	22.4
430	9	9	22	1979	11	5	23	16	0	0	300	-150	70	188	24	10.000	26.441	3.346	35.041	20.000	26.315	13.805	35.0
431	9	10	23	1979	11	6	4	13	0	1	0	-150	112	196	25	10.000	27.386	-41.645	-5.250	20.000	27.284	-39.809	-4.0
432	9	11	24	1979	11	6	8	16	0	1	301	-150	102	200	25	10.000	27.477	-34.945	-6.358	20.000	27.477	-34.842	-8.1
433	9	12	25	1979	11	6	12	52	0	2	0	-150	114	200	25	10.000	27.695	-25.846	-2.981	20.000	27.707	-23.390	4.3
434	9	13	26	1979	11	6	16	40	0	2	301	-150	97	196	25	10.000	27.913	-24.257	5.432	20.000	27.931	-26.399	3.4
435	9	14	27	1979	11	6	21	34	0	3	0	-150	106	200	25	10.000	27.949	-52.082	-2.155	20.000	27.895	-38.325	-8.8
436	9	15	28	1979	11	7	4	21	0	3	585	-150	75	200	25	10.000	27.849	2.026	-40.306	20.000	27.785	5.820	-41.0
437	9	16	29	1979	11	7	12	12	0	4	585	-150	109	200	25	10.000	28.263	25.148	40.710	20.000	28.184	27.060	34.0
438	9	17	30	1979	11	7	20	19	0	5	598	-150	87	196	25	10.000	28.628	43.923	-7.162	20.000	28.597	41.389	-12.7
439	9	18	31	1979	11	8	4	41	0	7	0	-150	100	200	25	10.000	28.661	43.218	3.661	20.000	28.684	45.402	6.8
440	9	19	32	1979	11	8	14	53	0	8	12	-150	111	196	25	10.000	28.316	67.481	-0.004	20.000	28.316	67.287	-0.7
441	9	20	33	1979	11	8	23	17	0	8	599	-150	110	200	25	10.000	27.943	1.518	-24.420	20.000	27.898	-2.971	-18.2
442	9	21	34	1979	11	9	6	26	0	10	0	-150	99	196	25	10.000	27.439	-37.418	11.290	20.000	27.405	-31.663	9.3
443	9	22	41	1979	11	10	22	56	0	10	7	-152	499	196	25	10.000	27.967	-20.386	-9.616	20.000	27.942	-18.782	-4.0
444	9	23	42	1979	11	11	6	16	0	9	0	-152	498	200	25	10.000	28.152	12.655	-34.588	20.000	28.151	7.601	-24.5
445	9	24	43	1979	11	11	13	19	0	8	0	-152	495	200	25	10.000	28.324						

449	9	28	47	1979	11	12	18	48	0	3	599	-152	517	196	25	10.000	27.695	33.419	-23.593	20.000	27.695	35.742	-20.8
450	9	29	48	1979	11	13	2	4	0	3	0	-152	500	196	25	10.000	28.052	-55.370	-13.147	20.000	27.935	-41.390	-19.1
451	9	30	49	1979	11	13	6	0	0	2	294	-152	506	200	25	10.000	27.945	-68.186	-23.498	20.000	27.928	-65.173	-26.9
452	9	31	50	1979	11	13	11	18	0	2	34	-152	534	200	25	10.000	27.850	-67.096	-16.111	20.000	27.850	-68.406	-13.0
453	9	32	51	1979	11	13	16	57	0	1	295	-152	523	192	24	10.000	27.755	-75.378	-11.921	20.000	27.757	-74.775	-19.3
454	9	33	52	1979	11	13	21	48	0	1	4	-152	509	200	25	10.000	27.257	-62.268	-22.130	20.000	27.228	-58.881	-24.9
455	9	34	53	1979	11	14	1	46	0	0	300	-152	497	200	25	10.000	26.934	-45.317	32.878	20.000	26.829	-41.352	18.2
456	9	35	54	1979	11	14	7	1	0	0	0	-152	499	200	25	10.000	26.705	2.157	45.491	20.000	26.692	5.606	33.3
457	9	36	55	1979	11	14	13	44	0	0	300	-152	499	196	25	10.000	26.763	78.803	12.859	20.000	26.766	71.375	27.3
458	9	37	56	1979	11	14	18	42	0	-1	10	-152	510	200	25	10.000	27.013	3.352	4.309	20.000	27.013	8.847	11.6
459	9	38	57	1979	11	14	22	46	0	-1	300	-152	505	200	25	10.000	27.253	7.729	-4.399	20.000	27.116	16.963	-11.4
460	9	39	58	1979	11	15	3	36	0	-2	14	-152	500	200	25	10.000	27.387	19.359	4.311	20.000	27.318	33.755	1.1
461	9	40	59	1979	11	15	7	27	0	-2	300	-152	502	200	25	10.000	27.581	4.885	4.721	20.000	27.509	7.587	3.3
462	9	41	60	1979	11	15	12	29	0	-2	562	-152	485	200	25	10.000	27.579	4.144	26.641	20.000	27.530	22.890	18.3
463	9	42	61	1979	11	15	19	46	0	-3	448	-152	510	200	25	10.000	28.038	-35.583	8.315	20.000	28.007	-33.549	18.0
464	9	43	66	1979	11	17	3	33	0	-3	445	-158	135	196	25	10.000	28.111	-40.690	-11.154	20.000	28.019	-29.380	-15.9
465	9	44	67	1979	11	17	9	26	0	-3	0	-158	112	200	25	10.000	27.881	-62.532	3.551	20.000	27.881	-70.477	18.2
466	9	45	68	1979	11	17	13	15	0	-2	300	-158	100	200	25	10.000	27.726	-41.947	-0.633	20.000	27.726	-43.283	1.9
467	9	46	69	1979	11	17	18	2	0	-2	1	-158	101	196	25	10.000	27.724	-34.072	-22.625	20.000	27.726	-38.716	-18.7
468	9	47	70	1979	11	18	0	21	0	-1	300	-158	95	200	25	10.000	27.699	-27.567	-16.293	20.000	27.636	-21.930	-30.2
469	9	48	71	1979	11	18	5	49	0	-1	0	-158	96	196	25	10.000	27.441	-47.404	-39.492	20.000	27.447	-36.606	-43.7
470	9	49	72	1979	11	18	9	48	0	0	302	-158	91	196	25	10.000	27.273	-17.431	-47.294	20.000	27.291	-18.158	-43.5
471	9	50	73	1979	11	18	16	13	0	0	61	-158	103	192	24	10.000	26.958	-20.618	-41.130	20.000	26.978	-19.628	-50.0
472	9	51	74	1979	11	18	20	40	0	0	281	-158	99	196	25	10.000	26.840	-40.394	-11.038	20.000	26.824	-39.591	-8.6
473	9	52	75	1979	11	19	1	46	0	1	1	-158	108	200	25	10.000	27.328	-53.237	0.543	20.000	27.242	-49.576	-4.6
474	9	53	76	1979	11	19	5	53	0	1	307	-158	103	196	25	10.000	27.354	-44.075	-5.090	20.000	27.354	-43.184	-6.0
475	9	54	77	1979	11	19	10	36	0	2	0	-158	100	196	25	10.000	27.354	-26.465	37.356	20.000	27.354	-11.735	38.6
476	9	55	78	1979	11	19	14	43	0	2	348	-158	108	196	25	10.000	27.261	-15.057	51.663	20.000	27.261	-21.691	47.2
477	9	56	79	1979	11	19	19	11	0	3	0	-158	96	200	25	10.000	27.467	-74.349	87.650	20.000	27.452	-50.033	73.6
478	9	57	80	1979	11	20	1	51	0	4	0	-158	85	196	25	10.000	27.959	-5.464	33.085	20.000	27.917	-13.201	36.7
479	9	58	81	1979	11	20	9	2	0	5	0	-158	85	200	25	10.000	28.385	10.414	40.736	20.000	28.407	4.445	38.7
480	9	59	82	1979	11	20	16	26	0	6	0	-158	82	188	24	10.000	28.844	60.483	4.919	20.000	28.847	62.509	4.9
481	9	60	83	1979	11	21	0	46	0	7	0	-158	100	196	25	10.000	28.914	67.843	4.034	20.000	28.908	70.924	10.4
482	9	61	84	1979	11	21	8	17	0	7	598	-158	98	200	25	10.000	28.710	47.151	-23.197	20.000	28.740	51.483	-19.9
483	9	62	85	1979	11	21	15	59	0	8	587	-158	96	196	25	10.000	28.409	22.301	-23.918	20.000	28.418	27.285	-21.5
484	9	63	86	1979	11	21	23	26	0	10	0	-158	113	196	25	10.000	27.974	-25.559	-4.820	20.000	27.974	-27.052	6.6
485	10	1	12	1979	12	11	4	26	0	10	0	-157	597	196	25	10.000	27.415	-26.386	9.022	20.000	27.416	-16.672	-1.1
486	10	2	13	1979	12	11	11	52	0	9	0	-158	0	196	25	10.000	27.571	-22.206	37.551	20.000	27.571	-18.610	33.2
487	10	3	14	1979	12	11	18	49	0	8	0	-157	593	200	25	10.000	27.974	-11.136	8.405	20.000	27.974	-2.373	-0.6
488	10	4	15	1979	12	12	1	50	0	7	1	-158	0	200	25	10.000	28.409	-27.959	9.873	20.000	28.408	-22.229	17.4
489	10	5	16	1979	12	12	9	2	0	6	8	-157	594	196	25	10.000	28.379	0.389	-5.537	20.000	28.379	-2.575	2.5
490	10	6	17	1979	12	12	16	50	0	5	6	-158	12	196	25	10.000	28.596	-5.432	39.047	20.000	28.596	-2.168	29.3
491	10	7	18	1979	12	13	0	23	0	4	0	-158	0	188	24	10.000	28.580	-5.704	23.102	20.000	28.534	1.442	12.6
492	10	8	19	1979	12	14	6	26	0	2	599	-158	15	200	25	10.000	27.846	-62.448	8.135	20.000	27.850	-64.947	3.8
493	10	9	20	1979	12	14	10	26	0	2	300	-158	0	196	25	10.000	27.632	-56.654	5.720	20.000	27.632	-60.946	1.7
494	10	10	21	1979	12	14	15	25	0	2	0	-158	10	196	25	10.000	27.199	-18.548	29.490	20.000	27.195	-19.502	33.3
495	10	11	22	1979	12	14	19	15	0	1	306	-157	596	200	25	10.000	27.107	-14.548	0.269	20.000	27.107	-8.042	7.6
496	10	12	23	1979	12	14	23	50	0	1	5	-158	2	196	25	10.000	27.021	-40.165	20.550	20.000	26.939	-32.948	11.6
497	10	13	24	1979	12	15	5	1	0	0	305	-158	33	196	25	10.000	26.935	-54.871	4.405	20.000	26.921	-50.262	10.3
498	10	14	25	1979	12	15	10	5	0	0	5	-158	6	196	25	10.000	26.705	-38.281	14.757	20.000	26.705	-30.618	28.3
499	10	15	26	1979	12	16	3	46	0	0	300	-158	0	196	25	10.000	27.013	-30.191	35.190	20.000	27.004	-21.549	29.8
500	10	16	27	1979	12	16	8	43	0	0	598	-157	588	200	25	10.000	27.301	-17.196	26.257	20.000	27.314	-8.320	21.9
501	10	17	28	1979	12	16	12	55	0	-1	300	-157	595	200	25	10.000	27.367	-99.652	20.317	20.000	27.390	-100.355	9.5
502	10	18	29	1979	12	16	17	34	0	-1	597	-157	596	200	25	10.000	27.607	-30.572	13.234	20.000	27.610	-25.509	16.0
503	10	19	30	1979	12	16	21	34	0	-2	300	-157	598	200	25	10.000	27.770	9.283	28.634	20.000	27.735	-3.693	7.9
504	10	20	31	1979	12	17	2	14	0	-3	0	-158	0	196	25	10.000	28.174	-24.254	8.783	20.000	27.954	-18.651	5.8
505	10	21	32	1979	12	17	9	3	0	-4	0	-158	1	200	25	10.000	28.231	-31.149	26.778	20.000	28.206	-23.912	27.5
506	10	22	37	1979	12	18	17	10	0	-3	596	-153	6	200	25	10.000	27.827	-37.404	9.188	20.000	27.827	-36.515	13.9
507	10	23	38	1979	12	19	0	2	0	-3	0	-153	0	200	25	10.000	27.303	18.428	-18.976	20.000	27.197	23.247	-9.3
508	10	24	39	1979	12	19	3	49	0	-2	305	-152	581	200	25	10.000	27.465	9.960	-21.002	20.000	27.346	7.290	-11.8
509	10	25	40	1979	12	19	8	21	0	-2	0	-152	590	200									

513	10	32	47	1979	12	20	13	47	0	1	300	-152	595	200	25	10.000	26.956	-36.106	-18.184	20.000	26.937	-28.806	-26.9
514	10	33	48	1979	12	20	18	43	0	1	590	-153	0	200	25	10.000	27.486	-86.747	-29.892	20.000	27.470	-80.293	-35.9
515	10	34	49	1979	12	20	23	7	0	2	301	-153	10	200	25	10.000	27.665	-61.755	-1.711	20.000	27.587	-50.053	-2.6
516	10	35	50	1979	12	21	3	41	0	3	2	-152	576	200	25	10.000	27.707	-56.827	1.293	20.000	27.533	-39.550	-4.0
517	10	36	51	1979	12	21	10	36	0	4	1	-152	592	200	25	10.000	27.080	-21.046	-10.888	20.000	27.074	-15.640	0.5
518	10	37	52	1979	12	21	17	38	0	4	597	-153	17	200	25	10.000	27.735	-11.774	68.714	20.000	27.756	-9.448	66.8
519	10	38	53	1979	12	22	0	50	0	6	0	-152	590	200	25	10.000	28.418	57.955	18.974	20.000	28.419	62.523	12.6
520	10	39	54	1979	12	22	8	32	0	7	1	-152	587	200	25	10.000	28.200	47.269	12.357	20.000	28.217	50.308	5.5
521	10	40	55	1979	12	22	16	31	0	8	0	-153	0	200	25	10.000	27.517	22.695	16.979	20.000	27.517	44.075	3.7
522	10	41	56	1979	12	23	23	52	0	9	0	-153	0	188	24	10.000	27.265	-39.982	5.636	20.000	27.269	-25.831	1.5
523	10	42	57	1979	12	24	6	55	0	9	596	-153	5	200	25	10.000	26.157	-39.392	-3.525	20.000	26.160	-40.870	8.4
524	10	43	64	1979	12	25	7	24	0	10	1	-149	576	200	25	10.000	26.090	-22.593	9.624	20.000	26.097	1.848	3.9
525	10	44	65	1979	12	25	14	56	0	9	1	-150	3	200	25	10.000	27.207	34.269	21.634	20.000	27.219	40.870	17.5
526	10	45	66	1979	12	25	22	6	0	8	4	-149	593	200	25	10.000	27.983	46.163	-0.835	20.000	27.980	48.164	-4.2
527	10	46	67	1979	12	26	5	10	0	7	9	-150	20	200	25	10.000	28.012	54.243	28.892	20.000	28.013	49.264	31.3
528	10	47	68	1979	12	26	12	15	0	6	0	-149	597	200	25	10.000	27.993	61.416	-9.451	20.000	28.012	59.479	-4.3
529	10	48	69	1979	12	26	19	5	0	5	2	-149	592	200	25	10.000	27.812	35.027	-21.864	20.000	27.796	39.813	-20.5
530	10	49	70	1979	12	27	3	13	0	4	0	-150	0	200	25	10.000	26.882	42.835	104.874	20.000	26.591	39.009	86.6
531	10	50	71	1979	12	27	11	25	0	3	0	-150	0	200	25	10.000	27.001	-9.256	82.822	20.000	26.750	-3.883	70.2
532	10	51	72	1979	12	27	15	44	0	2	304	-150	2	200	25	10.000	26.911	-22.527	74.346	20.000	26.710	-13.035	53.4
533	10	52	73	1979	12	27	20	33	0	2	0	-150	7	200	25	10.000	26.907	-47.967	41.990	20.000	26.789	-38.183	27.4
534	10	53	74	1979	12	28	0	34	0	1	302	-150	14	196	25	10.000	26.755	-55.593	41.594	20.000	26.622	-45.057	43.9
535	10	54	75	1979	12	28	5	36	0	0	590	-150	0	196	25	10.000	26.678	-64.289	13.216	20.000	26.648	-51.915	23.9
536	10	55	76	1979	12	28	9	32	0	0	302	-150	6	196	25	10.000	26.614	-24.018	12.970	20.000	26.614	-19.677	12.9
537	10	56	77	1979	12	28	14	31	0	0	1	-150	0	192	24	10.000	26.614	-23.959	-6.766	20.000	26.623	-19.394	-7.7
538	10	57	78	1979	12	28	18	27	0	0	299	-149	583	196	25	10.000	26.862	-11.687	10.515	20.000	26.854	3.183	-8.9
539	10	58	79	1979	12	28	23	1	0	-1	0	-149	590	196	25	10.000	27.291	-3.915	-31.668	20.000	27.261	1.527	-31.8
540	10	59	80	1979	12	29	3	3	0	-1	304	-149	588	196	25	10.000	27.577	-7.817	-31.304	20.000	27.569	-5.543	-25.5
541	10	60	81	1979	12	29	7	33	0	-2	0	-149	593	200	25	10.000	27.409	-20.576	1.585	20.000	27.421	-16.963	0.0
542	10	61	82	1979	12	29	11	12	0	-2	300	-150	0	196	25	10.000	27.688	0.752	36.827	20.000	27.698	1.873	31.8
543	10	62	83	1979	12	29	15	52	0	-3	0	-149	595	196	25	10.000	27.564	14.821	-10.358	20.000	27.576	16.484	-9.7
544	10	63	84	1979	12	29	22	37	0	-4	0	-150	0	196	25	10.000	28.074	-5.849	-17.184	20.000	27.999	3.881	-22.2
545	10	64	85	1979	12	30	5	45	0	-4	596	-149	596	196	25	10.000	28.138	-26.175	-30.144	20.000	28.132	-25.973	-31.7
546	10	65	86	1979	12	30	12	34	0	-6	0	-149	596	196	25	10.000	28.325	-16.300	-2.357	20.000	28.325	-9.139	2.2
547	11	1	12	1980	1	11	6	50	0	-5	599	-150	1	200	25	10.000	28.169	-23.246	-12.394	20.000	28.169	-22.031	-3.1
548	11	2	13	1980	1	11	15	40	0	-5	4	-150	0	200	25	10.000	27.734	-6.128	-35.590	20.000	27.734	0.686	-32.2
549	11	3	14	1980	1	11	22	36	0	-4	0	-149	598	200	25	10.000	26.955	-18.027	-63.091	20.000	26.879	-14.943	-51.6
550	11	4	15	1980	1	12	8	11	0	-3	4	-149	598	200	25	10.000	26.713	-23.938	-40.872	20.000	26.709	-16.899	-44.2
551	11	5	16	1980	1	12	12	25	0	-2	300	-150	20	200	25	10.000	26.590	-22.842	-32.452	20.000	26.585	-27.298	-29.6
552	11	6	17	1980	1	12	17	55	0	-2	0	-150	1	200	25	10.000	26.491	-38.931	-6.902	20.000	26.484	-47.488	-4.2
553	11	7	18	1980	1	12	23	11	0	-1	300	-150	10	200	25	10.000	26.607	-52.048	0.577	20.000	26.530	-41.857	2.4
554	11	8	19	1980	1	13	4	6	0	-1	0	-150	19	188	24	10.000	26.528	-56.034	7.540	20.000	26.493	-52.908	11.0
555	11	9	20	1980	1	13	10	32	0	0	299	-149	590	200	25	10.000	26.396	-74.888	25.742	20.000	26.405	-74.149	26.3
556	11	10	21	1980	1	13	13	48	0	0	0	-150	10	200	25	10.000	25.820	-34.253	14.366	20.000	25.820	-29.273	10.5
557	11	11	22	1980	1	13	21	32	0	0	300	-150	4	196	25	10.000	26.176	-108.084	13.150	20.000	26.118	-101.779	12.6
558	11	12	23	1980	1	14	2	51	0	1	0	-150	20	196	25	10.000	26.455	-101.107	31.227	20.000	26.397	-90.736	20.3
559	11	13	24	1980	1	14	6	55	0	1	299	-150	10	200	25	10.000	26.835	-111.572	40.133	20.000	26.830	-109.559	35.4
560	11	14	25	1980	1	14	12	20	0	2	23	-150	77	200	25	10.000	27.021	-98.287	34.109	20.000	27.019	-100.449	23.6
561	11	15	26	1980	1	14	18	45	0	2	300	-150	0	200	25	10.000	27.032	-87.859	17.184	20.000	27.022	-85.867	9.4
562	11	16	27	1980	1	14	23	37	0	3	0	-150	0	200	25	10.000	26.959	-78.640	63.059	20.000	26.930	-63.456	55.5
563	11	17	28	1980	1	15	7	2	0	4	0	-149	594	200	25	10.000	26.743	-25.628	9.764	20.000	26.743	-16.794	15.7
564	11	18	29	1980	1	15	17	40	0	5	0	-150	3	192	24	10.000	27.859	-2.682	19.097	20.000	27.859	20.304	22.4
565	11	19	30	1980	1	16	1	16	0	6	0	-150	0	196	25	10.000	27.889	63.847	16.440	20.000	27.880	51.622	22.0
566	11	20	31	1980	1	16	11	9	0	7	0	-150	0	200	25	10.000	27.889	-5.738	12.303	20.000	27.892	4.572	30.1
567	11	21	32	1980	1	16	18	33	0	8	8	-149	594	196	25	10.000	27.579	18.488	-7.543	20.000	27.579	1.788	-22.4
568	11	22	33	1980	1	17	2	51	0	9	0	-150	10	200	25	10.000	27.371	-5.497	27.609	20.000	27.339	-9.209	25.7
569	11	23	34	1980	1	17	10	18	0	10	0	-150	0	200	25	10.000	26.960	-27.805	14.211	20.000	26.972	-27.163	26.6
570	11	24	41	1980	1	19	7	1	0	10	5	-152	596	200	25	10.000	26.310	-7.969	-5.380	20.000	26.294	-2.050	-3.6
571	11	25	42	1980	1	19	14	24	0	9	0	-153	0	196	25	10.000	27.301	21.931	-8.617	20.000	27.314	24.289	-5.4
572	11	26	43	1980	1	19	21	8	0	7	591	-153	2	200	25	10.000	27.827	30.601	-20.681	20.000	27.806	22.180	-20.5
573	11	27	44	1980	1	20	7	40	0	7	3	-152	589	200	25	10.000	27.984						

577	11	31	48	1980	1	21	14	28	0	3	0	-153	5	192	24	10.000	27.146	-36.921	25.196	20.000	27.137	-37.579	16.2
578	11	32	49	1980	1	21	18	34	0	2	302	-153	6	200	25	10.000	26.993	-59.014	22.019	20.000	26.990	-62.152	15.0
579	11	33	50	1980	1	21	23	31	0	2	0	-153	7	200	25	10.000	27.254	-71.856	0.980	20.000	27.074	-74.608	-6.8
580	11	34	51	1980	1	22	3	21	0	1	300	-153	10	200	25	10.000	27.025	-67.712	-4.382	20.000	26.842	-66.776	-6.4
581	11	35	52	1980	1	22	8	15	0	1	3	-152	596	200	25	10.000	26.593	-67.311	12.390	20.000	26.470	-65.607	9.8
582	11	36	53	1980	1	22	12	7	0	0	300	-153	0	200	25	10.000	26.374	-32.000	20.263	20.000	26.139	-29.398	10.2
583	11	37	54	1980	1	22	17	11	0	0	0	-153	0	200	25	10.000	26.795	-52.682	-4.050	20.000	26.606	-42.579	-7.0
584	11	38	55	1980	1	22	21	52	0	0	300	-153	0	196	25	10.000	27.036	-50.430	15.729	20.000	26.747	-37.012	11.1
585	11	39	56	1980	1	23	2	46	0	-1	0	-153	0	192	24	10.000	27.350	-54.729	-13.096	20.000	26.961	-41.564	-3.8
586	11	40	57	1980	1	23	7	40	0	-1	304	-153	3	200	25	10.000	27.435	-53.352	-19.187	20.000	27.145	-45.478	-13.1
587	11	41	58	1980	1	23	12	35	0	-2	0	-153	0	196	25	10.000	27.463	-42.824	-16.515	20.000	27.176	-35.501	-7.1
588	11	42	59	1980	1	23	16	34	0	-2	308	-152	599	192	24	10.000	27.471	-30.444	-21.819	20.000	27.154	-22.880	-4.8
589	11	43	60	1980	1	23	21	13	0	-2	598	-153	0	200	25	10.000	27.527	-3.608	-8.835	20.000	27.391	-4.567	2.1
590	11	44	61	1980	1	24	4	16	0	-4	1	-153	1	196	25	10.000	28.391	-27.877	-29.386	20.000	28.291	-26.924	-26.5
591	11	45	66	1980	1	25	18	49	0	-4	1	-158	4	200	25	10.000	28.321	-18.782	-17.731	20.000	28.297	-11.730	-11.8
592	11	46	67	1980	1	26	2	14	0	-3	0	-157	595	200	25	10.000	27.992	-2.680	-30.878	20.000	27.902	-0.546	-28.0
593	11	47	68	1980	1	26	6	10	0	-2	301	-157	597	200	25	10.000	27.656	-10.301	-23.670	20.000	27.583	-0.905	-20.4
594	11	48	69	1980	1	26	11	5	0	-2	0	-158	0	200	25	10.000	27.517	-41.182	-23.125	20.000	27.495	-41.647	-12.4
595	11	49	70	1980	1	26	15	8	0	-1	303	-157	597	192	24	10.000	27.331	-51.029	-5.340	20.000	27.331	-53.112	-1.2
596	11	50	71	1980	1	26	20	10	0	-1	1	-158	3	200	25	10.000	27.417	-64.719	13.570	20.000	27.392	-62.377	10.9
597	11	51	72	1980	1	27	0	12	0	0	300	-158	0	200	25	10.000	27.514	-50.758	26.983	20.000	27.371	-40.467	31.8
598	11	52	73	1980	1	27	5	12	0	0	0	-157	595	196	25	10.000	27.579	-68.435	-7.359	20.000	27.499	-60.234	3.6
599	11	53	74	1980	1	27	13	10	0	0	300	-157	598	200	25	10.000	27.486	-94.639	3.399	20.000	27.465	-74.203	11.6
600	11	54	75	1980	1	27	18	15	0	1	0	-158	3	200	25	10.000	27.301	-49.930	8.827	20.000	27.301	-44.863	11.7
601	11	55	76	1980	1	27	23	39	0	1	300	-158	0	200	25	10.000	27.321	-66.155	23.143	20.000	27.189	-54.782	29.3
602	11	56	77	1980	1	28	4	34	0	2	0	-158	0	196	25	10.000	27.579	-31.027	5.637	20.000	27.466	-27.549	9.2
603	11	57	78	1980	1	28	9	6	0	2	307	-158	0	200	25	10.000	27.579	-39.257	33.052	20.000	27.574	-38.894	29.1
604	11	58	79	1980	1	28	13	58	0	3	0	-157	585	204	26	10.000	27.362	-6.036	62.920	20.000	27.342	-8.454	55.3
605	11	59	80	1980	1	28	21	16	0	3	598	-157	591	200	25	10.000	27.666	-17.941	-17.986	20.000	27.642	-13.125	-28.9
606	11	60	81	1980	1	29	4	44	0	5	0	-158	1	200	25	10.000	28.057	28.984	-35.759	20.000	28.067	31.084	-36.7
607	11	61	82	1980	1	29	13	56	0	6	0	-158	0	200	25	10.000	28.039	37.638	2.826	20.000	28.045	41.811	-7.5
608	11	62	83	1980	1	29	21	9	0	7	0	-158	0	196	25	10.000	27.920	12.808	70.826	20.000	27.920	24.204	67.1
609	11	63	84	1980	1	30	6	44	0	8	6	-158	39	200	25	10.000	27.582	-8.882	-11.567	20.000	27.604	-15.249	3.2
610	11	64	85	1980	1	30	14	29	0	9	0	-158	0	192	24	10.000	27.304	-3.836	5.633	20.000	27.327	1.320	6.9
611	11	65	86	1980	1	31	2	20	0	10	0	-158	0	200	25	10.000	26.756	6.892	4.280	20.000	26.723	7.072	5.7
612	12	1	12	1980	2	18	4	22	0	10	0	-158	0	188	24	10.000	26.994	-48.218	11.150	20.000	26.947	-36.395	12.2
613	12	2	13	1980	2	18	12	17	0	9	0	-158	0	200	25	10.000	27.207	-7.823	2.461	20.000	27.207	1.122	1.0
614	12	3	14	1980	2	18	20	8	0	8	8	-158	6	200	25	10.000	27.486	11.953	20.800	20.000	27.486	4.638	14.6
615	12	4	15	1980	2	19	3	49	0	7	0	-157	590	188	24	10.000	27.959	-7.356	-21.678	20.000	27.911	13.002	-33.0
616	12	5	16	1980	2	19	11	41	0	6	0	-158	0	200	25	10.000	28.076	-14.040	52.519	20.000	28.076	-21.661	51.6
617	12	7	18	1980	2	23	16	52	0	4	0	-158	0	188	24	10.000	27.689	1.311	23.614	20.000	27.703	9.817	19.7
618	12	8	19	1980	2	24	0	34	0	3	0	-158	3	200	25	10.000	27.385	-20.751	8.528	20.000	27.280	-16.607	6.9
619	12	10	21	1980	2	24	9	52	0	1	599	-158	0	200	25	10.000	27.235	-21.295	-6.913	20.000	27.086	-10.359	-11.8
620	12	11	22	1980	2	24	14	14	0	1	300	-158	0	200	25	10.000	27.051	-18.952	1.712	20.000	27.034	-14.901	-0.6
621	12	12	23	1980	2	24	19	19	0	1	4	-157	599	200	25	10.000	27.070	-5.493	21.493	20.000	27.052	-0.383	20.4
622	12	13	24	1980	2	24	23	27	0	0	300	-158	0	192	24	10.000	27.298	-19.985	-2.941	20.000	27.166	-18.892	0.7
623	12	14	25	1980	2	25	4	20	0	0	0	-158	0	200	25	10.000	27.348	-34.403	-16.530	20.000	27.187	-27.009	-16.7
624	12	15	26	1980	2	25	8	37	0	0	301	-158	4	200	25	10.000	27.424	-45.748	-22.009	20.000	27.403	-39.878	-15.2
625	12	16	27	1980	2	25	13	38	0	-1	0	-158	2	196	25	10.000	27.635	-65.092	-24.300	20.000	27.641	-63.878	-17.8
626	12	17	28	1980	2	25	17	37	0	-1	299	-158	0	200	25	10.000	27.765	-59.363	-3.450	20.000	27.772	-53.259	-9.3
627	12	18	29	1980	2	25	22	40	0	-2	0	-158	5	200	25	10.000	27.904	-49.363	6.562	20.000	27.858	-44.686	7.2
628	12	19	30	1980	2	26	2	45	0	-2	300	-158	16	196	25	10.000	28.072	-40.567	1.779	20.000	27.935	-35.814	6.4
629	12	20	31	1980	2	26	7	34	0	-3	0	-158	0	200	25	10.000	28.197	-43.376	-12.678	20.000	28.118	-37.131	-4.2
630	12	21	32	1980	2	26	14	55	0	-4	0	-158	0	200	25	10.000	28.200	-37.484	-23.523	20.000	28.223	-36.038	-19.1
631	12	22	37	1980	2	28	2	30	0	-3	599	-153	0	200	25	10.000	27.973	-56.014	20.224	20.000	27.705	-47.274	19.4
632	12	23	38	1980	2	28	10	13	0	-3	1	-153	18	200	25	10.000	27.610	-52.896	-7.903	20.000	27.631	-51.133	-7.8
633	12	24	39	1980	2	28	14	33	0	-2	300	-153	0	200	25	10.000	27.300	-58.717	-27.462	20.000	27.301	-60.267	-18.2
634	12	25	40	1980	2	28	19	30	0	-2	1	-152	595	196	25	10.000	27.273	-51.220	-2.126	20.000	27.269	-49.876	-12.4
635	12	26	41	1980	2	28	23	44	0	-1	300	-153	0	172	22	10.000	27.330	-31.026	-20.218	20.000	27.298	-26.201	-22.3
636	12	27	42	1980	2	29	4	44	0	-1	0	-152	595	200	25	10.000	26.837	-33.841	-21.564	20.000	26.837	-25.511	-21.4
637	12	28	43	1980	2	29	8	58	0	0	302	-153	4	200	25	10.000	26.620	-58.316	-28.396	20.000	26.617	-57.829	-16.6
638	12	29	44	1980	2	29	14																

769	14	46	61	1980	5	6	4	52	0	7	0	-150	0	196	25	10.000	27.759	-15.350	33.276	20.000	27.842	-5.875	28.6
770	14	47	62	1980	5	6	13	5	0	6	0	-150	4	200	25	10.000	27.889	11.822	36.981	20.000	27.893	18.362	38.5
771	14	48	63	1980	5	6	20	5	0	5	0	-149	597	200	25	10.000	28.170	42.295	15.617	20.000	28.187	40.162	14.1
772	14	49	64	1980	5	7	2	53	0	4	0	-150	6	196	25	10.000	28.371	1.975	8.199	20.000	28.153	15.853	23.7
773	14	50	65	1980	5	7	9	43	0	3	0	-149	599	200	25	10.250	28.312	-8.399	-9.281	20.000	28.210	-2.175	-13.6
774	14	51	66	1980	5	7	13	41	0	2	300	-149	598	200	25	10.000	28.341	13.156	-17.292	20.000	28.322	8.367	-20.8
775	14	52	67	1980	5	7	18	20	0	2	0	-149	593	200	25	10.000	28.232	14.758	-25.423	20.000	28.232	12.044	-22.8
776	14	53	68	1980	5	7	22	17	0	1	300	-150	0	196	25	10.000	28.128	10.620	-23.525	20.000	28.050	12.595	-25.2
777	14	54	69	1980	5	8	2	48	0	1	0	-150	0	196	25	10.000	28.122	19.421	-9.363	20.000	27.949	25.337	-5.3
778	14	55	70	1980	5	8	7	8	0	0	299	-149	593	200	25	10.000	27.949	38.660	-14.850	20.000	27.830	55.577	-14.3
779	14	56	71	1980	5	8	11	52	0	0	0	-149	596	200	25	10.000	27.917	36.026	-11.427	20.000	27.857	44.696	-8.9
780	14	57	72	1980	5	8	16	55	0	0	304	-149	599	196	25	10.000	28.013	51.632	-30.056	20.000	27.979	55.059	-27.5
781	14	58	73	1980	5	8	21	27	0	0	599	-150	0	196	25	10.000	28.319	-1.321	-8.324	20.000	28.252	10.432	-2.4
782	14	59	74	1980	5	9	1	19	0	-1	300	-150	0	200	25	10.000	28.397	-7.872	-19.716	20.000	28.238	-2.871	-15.5
783	14	60	75	1980	5	9	5	54	0	-2	0	-150	6	200	25	10.000	28.445	-24.461	11.340	20.000	28.355	-12.609	14.5
784	14	61	76	1980	5	9	9	52	0	-2	300	-150	1	200	25	10.000	28.700	-34.525	6.742	20.000	28.699	-27.920	11.8
785	14	62	77	1980	5	9	14	15	0	-3	0	-150	0	196	25	10.000	28.936	-38.420	-28.364	20.000	28.950	-20.279	-19.0
786	14	63	78	1980	5	9	21	40	0	-4	4	-150	18	200	25	10.000	29.092	-27.001	17.970	20.000	29.075	-26.615	12.4
787	14	64	79	1980	5	10	4	48	0	-5	0	-150	1	196	25	10.000	29.043	-55.203	-29.182	20.000	29.043	-55.153	-30.0
788	14	65	80	1980	5	10	12	22	0	-6	0	-150	0	200	25	10.000	29.232	-12.353	-24.498	20.000	29.232	-10.276	-27.5
789	15	1	12	1980	5	21	4	48	0	-6	10	-150	6	196	25	10.000	28.887	20.848	-15.755	20.000	28.881	18.516	-17.5
790	15	2	13	1980	5	21	13	49	0	-5	0	-150	3	204	26	10.000	28.512	-25.684	-16.859	20.000	28.512	-17.272	-16.4
791	15	3	14	1980	5	21	21	17	0	-4	1	-150	5	192	24	10.000	28.659	-65.121	4.576	20.000	28.638	-62.311	13.7
792	15	4	15	1980	5	22	6	59	0	-3	0	-149	595	192	24	10.000	28.481	-32.067	-2.527	20.000	28.481	-28.302	2.7
793	15	5	16	1980	5	22	10	59	0	-2	300	-150	2	200	25	10.000	28.356	-23.932	3.669	20.000	28.377	-20.456	6.6
794	15	6	17	1980	5	22	16	17	0	-2	0	-149	596	200	25	10.000	28.294	-26.045	4.868	20.000	28.294	-27.669	8.9
795	15	7	18	1980	5	22	21	11	0	-1	299	-150	1	200	25	10.000	28.184	-23.756	1.970	20.000	28.145	-29.399	6.5
796	15	8	19	1980	5	23	2	9	0	-1	0	-150	0	196	25	10.000	28.015	-18.105	12.920	20.000	27.903	-17.413	10.6
797	15	9	20	1980	5	23	6	16	0	0	301	-149	596	200	25	10.000	27.888	4.485	8.032	20.000	27.833	6.847	9.1
798	15	10	21	1980	5	23	11	57	0	0	0	-150	0	200	25	10.000	27.765	19.771	19.417	20.000	27.764	21.782	16.3
799	15	11	22	1980	5	23	18	48	0	0	301	-149	597	196	25	10.000	27.734	25.623	-23.214	20.000	27.727	24.875	-15.8
800	15	12	23	1980	5	24	0	9	0	1	0	-150	0	196	25	10.000	28.036	2.488	12.911	20.000	27.947	8.151	-0.3
801	15	13	24	1980	5	24	4	14	0	1	300	-150	5	200	25	10.000	28.263	-13.444	-7.535	20.000	28.246	-9.664	-12.5
802	15	14	25	1980	5	24	9	33	0	1	599	-149	599	200	25	10.000	28.353	-9.082	-5.547	20.000	28.356	-4.363	-11.7
803	15	15	26	1980	5	24	15	1	0	2	300	-149	599	196	25	10.000	28.481	-22.201	13.916	20.000	28.481	-17.574	14.3
804	15	16	27	1980	5	24	20	13	0	2	599	-149	599	200	25	10.000	28.537	-2.384	29.637	20.000	28.513	-1.837	25.4
805	15	17	28	1980	5	25	3	30	0	4	0	-150	0	204	26	10.000	28.563	28.951	3.680	20.000	28.435	30.949	-0.6
806	15	18	29	1980	5	25	12	47	0	5	0	-150	4	200	25	10.000	28.172	35.099	2.319	20.000	28.196	36.759	3.4
807	15	19	30	1980	5	25	20	3	0	5	597	-149	593	200	25	10.000	28.111	8.714	11.045	20.000	28.107	4.773	16.4
808	15	20	31	1980	6	3	0	55	0	0	368	-153	2	200	25	10.000	28.365	20.512	39.638	20.000	28.216	35.330	33.2
809	15	21	32	1980	6	3	9	22	0	0	1	-153	1	200	25	10.000	28.072	42.631	-11.400	20.000	28.053	46.770	-5.3
810	15	22	34	1980	6	4	4	0	0	0	393	-153	42	196	25	10.000	28.575	-8.246	33.989	20.000	28.515	1.788	33.3
811	15	23	35	1980	6	6	13	6	0	-4	0	-157	595	192	24	10.000	29.138	-26.061	22.187	20.000	29.138	-32.519	10.7
812	15	24	36	1980	6	6	20	21	0	-3	1	-157	599	200	25	10.000	29.091	-18.868	-3.686	20.000	29.082	-18.974	-18.0
813	15	25	37	1980	6	7	0	17	0	-2	300	-158	2	196	25	10.000	29.079	-28.131	3.290	20.000	29.024	-24.765	-8.9
814	15	26	38	1980	6	7	5	24	0	-2	0	-157	597	196	25	10.000	29.091	-20.153	-6.993	20.000	29.025	-17.182	-7.3
815	15	27	39	1980	6	7	9	20	0	-1	301	-158	2	200	25	10.000	28.793	-26.102	-4.111	20.000	28.790	-23.660	5.8
816	15	28	40	1980	6	7	14	27	0	-1	0	-157	599	196	25	10.000	28.550	-34.432	1.873	20.000	28.540	-28.365	-7.5
817	15	29	41	1980	6	7	18	25	0	0	300	-158	0	200	25	10.000	28.441	-8.693	-8.056	20.000	28.445	-7.232	0.9
818	15	30	42	1980	6	7	23	34	0	0	1	-157	598	204	26	10.000	28.362	0.186	-15.240	20.000	28.330	0.493	-14.7
819	15	31	43	1980	6	8	4	23	0	0	300	-158	0	196	25	10.000	28.490	0.517	-7.891	20.000	28.411	5.915	-6.3
820	15	32	44	1980	6	8	9	18	0	0	596	-157	598	200	25	10.000	28.556	7.966	-23.898	20.000	28.461	30.532	-16.8
821	15	33	45	1980	6	8	13	17	0	1	300	-158	0	200	25	10.000	28.512	0.561	3.235	20.000	28.526	11.394	12.6
822	15	34	46	1980	6	8	18	18	0	2	0	-158	1	200	25	10.000	28.511	-21.496	16.846	20.000	28.512	-16.848	22.2
823	15	35	47	1980	6	8	22	47	0	2	301	-157	599	200	25	10.000	28.603	-17.557	2.046	20.000	28.561	-6.468	-3.8
824	15	36	48	1980	6	9	3	43	0	3	0	-158	3	200	25	10.000	28.637	-23.309	11.032	20.000	28.630	-19.341	15.6
825	15	37	49	1980	6	9	10	45	0	4	0	-158	0	200	25	10.000	28.762	7.029	30.784	20.000	28.762	16.113	30.3
826	15	38	50	1980	6	9	17	53	0	5	2	-158	2	200	25	10.000	28.887	63.606	-18.924	20.000	28.887	64.314	-16.4
827	15	39	51	1980	6	10	1	18	0	5	599	-158	2	200	25	10.000	28.903	9.589	6.443	20.000	28.782	26.640	-3.7
828	15	40	52	1980	6	10	11	14	0	7	1	-157	599	200	25	10.000	28.419	12.129	1.069	20.000	28.419	12.305	-27.9
829	15	41	53	1980	6	10	18	52	0	8	0	-158	13	196	25	10.000	27.780	-50.484	-8.782	20.000	27.796	-41.652	-1.2
830	15	42	54																				