DISCLAIMER

This book was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

**FINAL REPORT
CROWN ZELLERBACH WELL NO. 2
LIVINGSTON PARISH, LOUISIANA**

**VOLUME II
WELL TEST DATA**

DOE/ET/27081--8 Vol. 2

DE82 011216

**TESTING GEOPRESSURED GEOTHERMAL
RESERVOIRS IN EXISTING WELLS
NOTICE**

**PORTIONS OF THIS REPORT ARE ILLEGIBLE. It
has been reproduced from the best available
copy to permit the broadest possible avail-
ability.**

**PREPARED FOR
U.S. DEPARTMENT OF ENERGY
NEVADA OPERATIONS OFFICE
UNDER CONTRACT NO. DE-AC08-80ET27081**

**EATON OPERATING COMPANY, INC.
3104 EDLOE, SUITE 200
HOUSTON, TEXAS 77027
713-627-9764**

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

fer

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency Thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

EATON OPERATING COMPANY, INC.

February 15, 1982

U. S. Department of Energy
Technical Information Center
Building 1916-T-1
Oak Ridge Turnpike
Oak Ridge, Tennessee 37830

Gentlemen:

Subject: Shipment of DOE Report No. DOE/ET/27081-8
Contract No. DE-AC08-80ET27081
"Final Report - Crown Zellerbach Well No. 2"

Accompanying this letter are the following:

- 1) 27 copies of the subject Final Report, and
- 2) DOE Form IR-426 (1/79), complete and signed.

Yours truly,

J. Holderness
Reports Manager

rg

Att.: As listed above

cc: Mr. J.B. Cotter, Director
Energy Applications Division
U.S. DOE
Las Vegas, Nevada

Mr. Robert R. Loux (w/cc of att. No. 2)
U.S. DOE
Las Vegas Nevada

Mr. F. Goldsberry
U.S. DOE
Houston, Texas

24

U

VOLUME II

TABLE OF CONTENTS

Appendix E,	Weatherly Engineering, Inc. Final Report of Field Test Data	E-1
Appendix F,	IGT Compiled Data	F-1
Appendix G,	ERMI Raw Data	G-1
Appendix H,	Gas Producers Association Tentative Method of Testing for Hydrogen Sulfide in Natural Gas Using Length of Stain Tubes	H-1
Appendix I,	IGT Combined Sample Log	I-1
Appendix J,	Weatherly Laboratories Report on Reservoir Fluids Study	J-1
Appendix K,	IGT Well Test Analysis	K-1
Appendix L,	Sampling and Chemical Analysis Procedures	L-1
Appendix M,	Rice University Scale and Corrosion Evaluation	M-1

APPENDIX E
WEATHERLY ENGINEERING, INC.
FINAL REPORT OF FIELD TEST DATA

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Industries of Houston, Inc.
Eaton Operating Co., Inc.
3104 Edloe, Houston, Texas 77027

223 Georgette
Lafayette, Louisiana 70506

July 10, 1981

Eaton Operating Co., Inc.
3100 Edloe
Houston, TX. 77027

ATTENTION: Mr. Dick Klauzinski

Dear Mr. Klauzinski;

Attached are typed, corrected copies of all field data gathered on the CROWN ZELLERBACH #2 Well. Approximately every fourth line is an average of the previous readings with all correction factors applied.

All gas readings are corrected using a gas gravity of .8049. All fluid readings are corrected using a thermal expansion factor of .00024 per degree above 60°F. This factor was calculated from published data in various handbooks.

Please let me know if you have any questions concerning this report.

Respectfully submitted,

AM:lw
4 Encl.

Abby Morales

GEOTHERMAL FIELD TEST DATA

PAGE 1
DATE JUNE 5, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/05	0700	SIP		2700																	
6/05	0811							OPEN WELL TO ADJUST RATE													
6/05	0830	ADJ.		1720				FLOW TO PIT									96				
6/05	0900	ADJ.		1500				FLOW TO PIT													
6/05	0930	ADJ.		1400				FLOW TO PIT				1000 = PUT IN TO SEPARATOR									
6/05	1030	ADJ.		1305	102	102	270		0		32	265	80	81,378	66						
6/05	1100	ADJ.		1270	102	102	275		0		32	270	81	82,465	115	49			2352		35.06
6/05	1130	ADJ.		1243	110	120	255		0		10	270	90	46,099	166	51			2448		18.83
6/05	1200	ADJ.		1223	115	125	270		0		36	270	90	87,467	216	50			2400		36.44
			*CORRECTED AVERAGE								27.5	268.75	85.25	65,030					2369		
6/05	1300	ADJ.		1210	125	127	270		0		56	270	90	109,091	314	98			2352		46.38
6/05	1400	ADJ.		1170	125	127	270		0		28	270	86	77,139	407	93			2232		34.56
6/05	1500	ADJ.		1140	135	135	270		0		28	270	90	77,139	503	96			2304		33.48
6/05	1600	ADJ.		1120	135	150	270		0		28	270	90	77,139	599	96			2304		33.48
			*CORRECTED AVERAGE								35	270	89	73,262					2257

GEOHERMAL FIELD TEST DATA

PAGE 1 CONT.
DATE JUNE 5, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,464-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		PUMP OR COOLER DATA				FILTER DATA			DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		DELTA PRESS.	OUTLET PRESS	DP	PRESS	TEMP	
		PRESS	TEMP	PRESS	TEMP						
6/05	1100					0	0		0		
6/05	1130					0	130		130		
6/05	1200					0	130		130		
6/05	1300					0	130		130		
6/05	1400					0	130		130		
6/05	1500					0	190		190		
6/05	1600					0	195		195

GEO THERMAL FIELD TEST DATA

PAGE 2
DATE JUNE 5, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1,939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W. TEMP	MANIF. TEMP	MANIF. PRESS	READING	CALC. SAND	CORS. COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/05	1700	ADJ.		1017	135	150	270		0		28	270	90	77,139	693	94			2256		34.19
6/05	1800	ADJ.		1095	135	152	275		0		30	270	90	79,846	787	94			2256		35.39
6/05	1900	ADJ.		1075	140	160	240		0		30	270	90	79,846	880	93			2232		35.77
6/05	2000	ADJ.		1065	145	165	210		0		0	210	90		1034	154			3696		
			*CORRECTED AVERAGE								29.33	255	90	64,864					2549		
6/05	2100	ADJ.		1058	145	165	285		0		26	260	90	73,017	1127	93			2232		32.71
6/05	2200	ADJ.		1050	150	165	285		0		26	260	90	73,017	1222	95			2280		32.07
6/05	2300	ADJ.		1042	145	170	270		0		24	240	80	67,554	1317	95			2280		29.63
6/05	2400	ADJ.		1035	145	170	270		0		25	230	80	67,581	1410	93			2232		30.28
			*CORRECTED AVERAGE								25.25	247.5	85	59,568					2198		
6/06	0100	ADJ.		1030	150	170	270		0		24	230	80	66,216	1503	93			2232		29.67
6/06	0200	ADJ.		1025	150	171	270		0		24	230	80	66,216	1595	92			2208		30
6/06	0300	ADJ.		1020	150	171	270		0		24	230	80	66,216	1686	91			2184		30.30
6/06	0400	ADJ.		1015	152	172	280		0		23	230	80	64,822	1779	93			2232		29
			*CORRECTED AVERAGE								23.75	230	80	55,895					2155

GEOTHERMAL FIELD TEST DATA

PAGE 2 CONT
DATE JUNE 5, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,464-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

DATE	TIME	PUMP OR COOLER DATA				FILTER DATA			DISPOSAL WELL		REMARKS
		INLET		OUTLET		DELTA PRESS.	OUTLET PRESS	DP	PRESS	TEMP	
		PRESS	TEMP	PRESS	TEMP						
6/05	1700					0	190		190		
6/05	1800					0	180		180		
6/05	1900					0	210		210		
6/05	2000					0	100		100		
6/05	2100					0	95		95		
6/05	2200					0	85		85		
6/05	2300					0	80		80		
6/05	2400					0	75		75		
6/06	0100					0	70		70		
6/06	0200					0	65		65		
6/05	0300					0	60		60		
6/06	0400					0	57		57

GEOTHERMAL FIELD TEST DATA

PAGE 3
DATE JUNE 6, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBL PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/06	0500	ADJ.		1012	152	172	285		0		24	220	80	64,850	1870	91			2184		29.70
6/06	0600	ADJ.		1012	152	172	285		0		24	220	80	64,850	1960	90			2160		30.02
6/06	0700	ADJ.		1002	155	172	285		0		24	220	80	64,850	2051	91			2184		29.70
6/06	0800	ADJ.		997	160	175	285		0		24	270	80	71,417	2142	91			2184		32.70
			*CORRECTED AVERAGE								24	232.5	80	56,492					2119		
6/06	0900	ADJ.		900	160	180	285		0		24	270	80	71,417	2231	89			2136		33.43
6/06	1000	ADJ.		985	165	180	290		0		24	270	110	71,417	2321	90			2160		33.06
6/06	1100	ADJ.		980	160	180	290		0		24	270	110	71,417	2410	89			2136		33.43
6/06	1200	ADJ.		687	155	182	285		0		46	270	88	98,872	2528	118			2832		34.91
			*CORRECTED AVERAGE								29.5	270	97	66,650					2249		
6/06	1300	ADJ.		667	155	182	285		0		44	270	88	96,669	2620	92			2208		43.80
6/06	1400	ADJ.		655	152	182	295		0		44	270	88	96,698	2725	105			2520		38.37
6/06	1500	ADJ.		645	155	183	295		0		45	270	89	97,791	2832	107			2568		38.10
6/06	1600	ADJ.		637	155	185	295		0		46	270	89	98,872	2940	108			2592		38.10
			*CORRECTED AVERAGE								44.75	270	89	82,840					2399

GEOTHERMAL FIELD TEST DATA

PAGE 3 CONT
DATE JUNE 6, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

DATE	TIME	PUMP OR COOLER DATA				FILTER DATA			DISPOSAL WELL		REMARKS
		INLET		OUTLET		DELTA PRESS.	OUTLET PRESS	DP	PRESS	TEMP	
		PRESS	TEMP	PRESS	TEMP						
6/06	0500					0	55		55		
6/06	0600					0	55		55		
6/06	0700					0	55		55		
6/06	0800					0	55		55		
6/06	0900					0	60		60		
6/06	1000					0	60		60		
6/06	1100					0	60		60		
6/06	1200					0	60		60		
6/06	1300					0	60		60		
6/06	1400					0	60		60		
6/06	1500					0	60		60		
6/06	1600					0	60		60

GEOTHERMAL FIELD TEST DATA

PAGE 4
DATE JUNE 6, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

DATE		TIME	WELLHEAD DATA				MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA							
			CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
												DIFF	PRESS	TEMP								
6/06	0700	ADJ.			632	154	190	295		0		44	270	92	96,699	3047	107			2568		37.70
6/06	1800	ADJ.			628	155	192	295		0		45	270	92	97,791	3153	106			2544		38.40
6/06	1900	ADJ.			622	155	190	295		0		46	270	90	98,872	3259	105			2544		38.90
6/06	2000	ADJ.			618	160	192	295		0		46	270	88	98,872	3365	106			2544		38.90
				*CORRECTED AVERAGE								45.26	270	90.5	83,078					2470		
6/06	2100	ADJ.			613	163	192	295		0		44	270	84	96,699	3469	104			2496		39.20
6/06	2200	ADJ.			610	165	193	295		0		43	270	80	95,594	3574	105			2520		38
6/06	2300	ADJ.			607	165	194	295		0		43	265	80	94,751	3678	104			2496		38
6/06	2400	ADJ.			602	162	194	295		0		43	265	80	94,751	3781	103			2472		38.30
				*CORRECTED AVERAGE								43	267.5	81	81,505					2416		
6/07	0100	ADJ.			600	180	195	290		0		41	260	80	91,692	3885	104			2496		36.74
6/07	0200	ADJ.			595	180	195	290		0		41	260	80	91,692	3988	103			2472		37.09
6/07	0300	ADJ.			590	180	195	290		0		41	260	80	91,692	4090	102			2448		37.46
6/07	0400	ADJ.			589	180	195	290		0		41	260	74	91,692	4192	102			2448		37.46
				*CORRECTED AVERAGE								41	260	78.5	78,681					2386

GEOTHERMAL FIELD TEST DATA

PAGE 4 CONT
DATE JUNE 6, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

DATE	TIME	PUMP OR COOLER DATA				FILTER DATA			DISPOSAL WELL		REMARKS
		INLET		OUTLET		DELTA PRESS.	OUTLET PRESS	DP	PRESS	TEMP	
		PRESS	TEMP	PRESS	TEMP						
6/06	1700					0	60		60		
6/06	1800					0	60		60		
6/06	1900					0	60		60		
6/06	2000					0	60		60		
6/06	2100					0	60		60		
6/06	2200					0	60		60		
6/06	2300					0	60		60		
6/06	2400					0	60		60		
6/07	0100					0	60		60		
6/07	0200					0	60		60		
6/07	0300					0	60		60		
6/07	0400					0	60		60		

E-10

GEOTHERMAL FIELD TEST DATA

PAGE 5
DATE JUNE 7, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/07	0500	ADJ.		587	180	195	290		0		41	260	74	91,692	4293	101			2424		37.83
6/07	0600	ADJ.		585	180	195	290		0		41	260	74	91,692	4394	101			2424		37.83
6/07	0700	ADJ.		581	185	195	285		0		41	260	74	91,692	4495	101			2424		37.83
6/07	0800	ADJ.		580	195	195	290		0		41	260	74	91,692	4596	101			2424		37.83
			*CORRECTED AVERAGE								41	260	74	79,129					2345		
6/07	0900	ADJ.		575	185	195	290		0		41	260	74	91,692	4697	101			2424		37.83
6/07	1000	ADJ.		571	185	195	290		0		40	260	74	90,567	4798	101			2424		37.36
6/07	1100	ADJ.		569	182	195	290		0		40	270	96	92,199	4894	96			2304		40.02
6/07	1200	ADJ.		561	182	195	290		0		40	270	100	92,199	4994	100			2400		38.42
			*CORRECTED AVERAGE								40	265	86	77,735					2311		
6/07	1300	ADJ.		560	183	195	290		0		40	270	98	92,199	5093	99			2376		38.80
6/07	1400	ADJ.		557	175	195	290		0		39	270	84	91,039	5191	98			2352		38.70
6/07	1500	ADJ.		555	175	194	290		0		38	260	80	88,274	5289	98			2352		37.53
6/07	1600	ADJ.		565	175	194	290		0		38	270	88	91,039	5388	99			2352		38.71
			*CORRECTED AVERAGE								38.75	267.5	87.5	76,796					2282

GEOTHERMAL FIELD TEST DATA

PAGE 5 CONT
DATE JUNE 7, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 61,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st X)

DATE	TIME	PUMP OR COOLER DATA				FILTER DATA			DISPOSAL WELL		REMARKS
		INLET		OUTLET		DELTA PRESS.	OUTLET PRESS	DP	PRESS	TEMP	
		PRESS	TEMP	PRESS	TEMP						
6/07	0500					0	60		60		
6/07	0600					0	60		60		
6/07	0700					0	60		60		
6/07	0800										FLOW TO PIT TO PERFORATE DISPOSAL WELL
6/07	0900										BY PASS
6/07	1000										BY PASS
6/07	1500										BACK TO DISPOSAL WELL
6/07	1600					0	110		110		

E-12

GEOHERMAL FIELD TEST DATA

PAGE 6
DATE JUNE 7, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 1 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 14,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

DATE	TIME	WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
		CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANF TEMP	MANF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/07	1700	ADJ.		566	175	192	295		0		40	270	84	92,199	5468	98			2352		39.20
6/07	1800	ADJ.		570	180	195	295		0		40	270	88	92,199	5586	100			2400		38.42
6/07	1900	ADJ.		578	180	195	290		0		40	270	88	92,199	5687	101			2424		38.04
6/07	2000	ADJ.		557	180	195	290		0		40	270	88	92,199	5785	98			2352		39.20
			*CORRECTED AVERAGE								40	270	87	78,463					2305		
6/07	2100	ADJ.		557	180	195	290		0		40	270	88	92,199	5884	99			2376		38.80
6/07	2200	ADJ.		558	180	195	290		0		40	270	88	92,199	5972	88			2112		43.65
6/07	2300	ADJ.		550	180	195	290		0		38	270	90	89,864	6068	96			2304		39
6/07	2400	ADJ.		545	180	195	290		0		38	270	80	89,864	6165	97			2328		38.60
			*CORRECTED AVERAGE								39	270	86.5	77,553					2209		
6/08	0100	ADJ.		542	180	195	290		0		38	255	80	87,467	6262	97			2328		37.57
6/08	0200	ADJ.		539	185	195	290		0		38	255	74	87,467	6360	98			2352		37.19
6/08	0300	ADJ.		537	185	195	290		0		38	255	74	87,467	6457	97			2328		37.57
6/08	0400	ADJ.		535	185	195	285		0		38	255	74	87,467	6553	96			2304		37.96
			*CORRECTED AVERAGE								38	255	75.75	75,157					2307

GEOTHERMAL FIELD TEST DATA

PAGE 6 CONT
DATE JUNE 7, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

DATE	TIME	PUMP OR COOLER DATA				FILTER DATA			DISPOSAL WELL		REMARKS
		INLET		OUTLET		DELTA PRESS.	OUTLET PRESS	DP	PRESS	TEMP	
		PRESS	TEMP	PRESS	TEMP						
6/07	1700					0	125		125		
6/07	1800					0	140		140		
6/07	1900					0	140		140		
6/07	2000					0	140		140		
6/07	2100					0	140		140		
6/07	2200					0	75		75		
6/07	2300					0	120		120		
6/07	2400					0	125		125		
6/08	0100					0	130		130		
6/08	0200					0	132		132		
6/08	0300					0	135		135		
6/08	0400					0	137		137		

E-14

GEOHERMAL FIELD TEST DATA

PAGE 7
DATE JUNE 8, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANF TEMP	MANF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/08	0500	ADJ.		532	185	195	285		0		38	255	74	87,467	6651	98			2352		37.19
6/08	0600	ADJ.		530	185	195	285		0		38	255	74	87,467	6746	95			2280		38.36
6/08	0700	ADJ.		527	185	195	285		0		38	255	74	87,467	6842	96			2304		37.96
6/08	0800	ADJ.		525	185	195	260		0		38	255	74	87,467	6948	106			2544		34.38
			*CORRECTED AVERAGE								38	255	74	75,370					2293		
6/08	0900	ADJ.		523	185	195	260		0		38	255	88	87,467	7032	84			2016		43.39
6/08	1000	ADJ.		520	185	195	260		0		38	255	88	87,467	7128	96			2304		37.96
6/08	1100	ADJ.		518	190	195	290		0		38	255	88	87,467	7222	94			2256		38.77
6/08	1200	ADJ.		517	190	195	290		0		38	255	96	87,467	7315	93			2232		38.74
			*CORRECTED AVERAGE								38	255	90	73,834					2131		
6/08	1300	ADJ.		511	190	195	290		0		38	270	104	89,864	7409	94			2256		39.83
6/08	1400	ADJ.		556	190	195	290		0		36	270	104	87,467	7501	92			2208		39.61
6/08	1500	ADJ.		516	195	195	290		0		35	270	104	86,244	7591	90			2160		39.93
6/08	1600	ADJ.		511	195	195	290		0		35	270	108	86,244	7591	88			2124		40.60
			*CORRECTED AVERAGE								36	270	105	72,966					2116

GEOTHERMAL FIELD TEST DATA

PAGE 7 CONT
DATE JUNE 8, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st X)

DATE	TIME	PUMP OR COOLER DATA				FILTER DATA			DISPOSAL WELL		REMARKS
		INLET		OUTLET		DELTA PRESS.	OUTLET PRESS	DP	PRESS	TEMP	
		PRESS	TEMP	PRESS	TEMP						
6/08	0500					0	137		137		
6/08	0600					0	137		137		
6/08	0700					0	137		137		
6/08	0800					0	140		140		
6/08	0900					0	140		140		
6/08	1000					0	145		145		
6/08	1100					0	145		145		
6/08	1200					0	145		145		
6/08	1300					0	150		150		
6/08	1400					0	150		150		
6/08	1500					0	150		150		
6/08	1600					0	150		150		

E-16

GEOTHERMAL FIELD TEST DATA

PAGE 8
DATE JUNE 8, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/08	1700	ADJ.		506	195	195	290		0		34	270	106	85,003	180.3	91.8			2203		38.59
6/08	1800	ADJ.		502	190	195	290		0		34	270	96	85,003	273.6	93.3			2239		37.96
6/08	1900	ADJ.		500	180	195	290		0		32	270	92	82,465	362.9	89.3			2143		38.48
6/08	2000	ADJ.		447	180	195	290		0		32	270	87	82,465	454.5	91.6			2198		37.52
			*CORRECTED AVERAGE								33	270	95.25	70,620					2125		
6/08	2100	ADJ.		497	180	195	290		0		34	270	88	85,003	545.5	90.7			2177		39.05
6/08	2200	ADJ.		495	180	195	290		0		34	270	80	85,003	636.1	90.9			2182		38.96
6/08	2300	ADJ.		493	180	195	290		0		34	270	80	85,003	726.8	90.7			2177		39.05
6/08	2400	ADJ.		513	180	195	290		0		34	270	80	85,003	819.5	92.7			2225		38.20
			*CORRECTED AVERAGE								34	270	82	72,814					2120		
6/09	0100	ADJ.		501	160	160	290		0		34	270	80	85,003	915.6	96.1			2306		36.86
6/09	0200	ADJ.		520	160	195	290		0		24	270	80	85,003	1010.3	94.7			2273		37.40
6/09	0300	ADJ.		517	175	195	290		0		34	270	80	85,003	1103.6	93.3			2239		37.96
6/09	0400	ADJ.		507	175	195	285		0		34	270	80	85,003	1197.3	93.7			2249		37.80
			*CORRECTED AVERAGE								34	270	80	72,948					2198

GEOTHERMAL FIELD TEST DATA

PAGE 8 CONT
DATE JUNE 8, 1981

COMPANY EATON OPERATING LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

DATE	TIME	PUMP OR COOLER DATA				FILTER DATA			DISPOSAL WELL		REMARKS
		INLET		OUTLET		DELTA PRESS.	OUTLET PRESS	DP	PRESS	TEMP	
		PRESS	TEMP	PRESS	TEMP						
6/08	1700					0	150		150		
6/08	1800					0	155		155		
6/08	1900					0	155		155		
6/08	2000					0	160		160		
6/08	2100					0	150		150		
6/08	2200					0	150		150		
6/08	2300					0	150		150		
6/08	2400					0	150		150		
6/09	0100					0	150		150		
6/09	0200					0	150		150		
6/09	0300					0	155		155		
6/09	0400					0	155		155		

E-18

GEOHERMAL FIELD TEST DATA

PAGE 9
DATE JUNE 9, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBL PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/09	0500	ADJ.		507	175	195	285		0		34	270	80	85,003	1287.9	90.6			2174		39.10
6/09	0600	ADJ.		485	175	195	285		0		34	270	80	85,003	1379.6	91.7			2201		38.62
6/09	0700	ADJ.		485	175	190	290		0		34	270	80	85,003	1480.6	101			2424		35.06
6/09	0800	ADJ.		464	175	190	290		0		32	270	80	82,465	1568.5	87.9			2110		39.08
			*CORRECTED AVERAGE								33.5	270	80	72,415					2155		
6/09	0900	ADJ.		455	180	190	290		0		32	270	88	82,465	1654.4	85.9			2061.6		40
6/09	1000	ADJ.		450	185	190	290		0		32	270	96	82,465	1739	84.6			2030		40.62
6/09	1100	ADJ.		437	185	195	290		0		32	270	96	82,465	1824	85			2040		40.42
6/09	1200	ADJ.		472	190	195	290		0		32	270	96	82,465	1909.5	85.5			2052		40.19
			*CORRECTED AVERAGE								32	270	94	69,560					2001		
6/09	1300	ADJ.		478	190	195	290		0		31	270	100	81,166	2000	90.5			2172		37.37
6/09	1400	ADJ.		476	190	195	290		0		34	270	112	85,003	2087	87			2088		40.71
6/09	1500	ADJ.		471	190	195	290		0		35	270	112	86,244	2174.2	87.2			2093		41.21
6/09	1600	ADJ.		470	190	195	290		0		36	270	120	87,467	2262.4	88.2			2117		41.32
			*CORRECTED AVERAGE								34	270	111	70,327					2050

GEOTHERMAL FIELD TEST DATA

PAGE 9 CONT
DATE JUNE 9, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

DATE	TIME	PUMP OR COOLER DATA				FILTER DATA			DISPOSAL WELL		REMARKS
		INLET		OUTLET		DELTA PRESS.	OUTLET PRESS	DP	PRESS	TEMP	
		PRESS	TEMP	PRESS	TEMP						
6/09	0500					0	155		155		
6/09	0600					0	155		155		
6/09	0700					0	150		150		
6/09	0800					0	150		150		
6/09	0900					0	150		150		
6/09	1000					0	150		150		
6/09	1100					0	150		150		
6/09	1200					0	150		150		
6/09	1200					0	150		150		
6/09	1300					0	150		150		
6/09	1400					0	150		150		
6/09	1500					0	160		160		
6/09	1600					0	160		160		

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

[illegible]

GEOHERMAL FIELD TEST DATA

PAGE 11
DATE JUNE 16, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											OFF	PRESS	TEMP								
6/16	1900		OPEN WELL TO 3/4 POS. CHOKE																		
6/16	1930		PUT WELL IN SEPARATOR.					BY PASS DISPOSAL WELL													
6/16	2000	3/4 P		330	140	150	270		0		86	240	96	127,877	82.4						
6/16	2100	3/4 P		307	155	165	270		0		66	240	96	112,025	228.4	146			3504		31.97
			*CORRECTED AVERAGE								76	240	96	100,467					3430		
6/16	2200	3/4 P		302	150	175	260		0		54	240	96	101,330	362	134			3206		31.61
6/16	2300	3/4 P		300	145	185	260		0		70	240	136	115,370	485.2	123			2957		39.02
6/16	2400	3/4 P		295	145	185	260		0		54	240	112	101,330	612.8	128			3062		33.09
			*CORRECTED AVERAGE								59	240	115	86,702					3011		
6/17	0100	3/4 P		292	150	190	260				52	240	104	99,436	736	123			2957		33.63
6/17	0200	3/4 P		292	175	190	260		0		48	240	104	95,535	857.2	121			2909		32.84
6/17	0300	3/4 P		290	180	190	260		0		48	240	104	95,535	978.7	122			2916		32.76
6/17	0400	3/4 P		290	180	190	260		0		48	240	104	95,535	1094.8	116			2786		34.29
			*CORRECTED AVERAGE								49	240	104	79,934					2815		

E-24

GEOTHERMAL FIELD TEST DATA

PAGE 12
DATE JUNE 17, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANF TEMP	MANF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/17	0500	3/4 P		290	180	190	260		0		46	240	104	95,535	1210.4	116			2774		34.44
6/17	0600	3/4 P		287	180	190	260		0		46	240	104	95,535	1325.8	115			2769		34.50
6/17	0700	3/4 P		287	180	190	260		0		40	240	104	87,211	1439.5	114			2729		31.96
6/17	0800	3/4 P		287	185	200	270		0		40	240	104	87,211	1553.6	114			2738		31.85
			*CORRECTED AVERAGE								43	240	104	74,885					2672		
6/17	0900	3/4 P		289	185	200	270		0		42	240	104	89,365	1662.4	109			2611		34.23
6/17	1000	3/4 P		293	190	200	270		0		38	240	112	85,003	1776.9	115			2748		30.93
6/17	1100	3/4 P		293	190	200	270		0		36	240	104	82,736	1886	109			2614		31.65
6/17	1200	3/4 P		294	195	200	270		0		36	240	100	82,736	1995	109			2621		31.57
			*CORRECTED AVERAGE								38	240	105	70,330					2567		
6/17	1300	3/4 P		294	195	200	270		0		36	240	100	82,736	2103.5	109			2604		31.77
6/17	1400	3/4 P		294	195	200	270		0		38	240	104	85,003	2211.1	108			2582		32.92
6/17	1500	3/4 P		294	195	200	270		0		38	240	104	85,005	2316.4	105			2527		33.64
6/17	1600	3/4 P		290	195	200	270		0		38	240	104	85,003	2420.9	105			2508		33.89
			*CORRECTED AVERAGE								37.5	240	103	69,990					2472		

E-25

GEOHERMAL FIELD TEST DATA

PAGE 14
DATE JUNE 23, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/23	0830	ADJ.		330	152	160	243		PUT THROUGH SEPARATOR					49.7							
6/23	0900	ADJ.		317	160	170	245		0		50	210	98	91,590	112.8	63.1			3028.8		30.24
6/23	1000	ADJ.		322	165	170	245		-		46	210	98	87,850	228.5	116			2776.8		31.64
6/23	1100	ADJ.		312	165	175	245		-		44	210	100	85,919	339	111			2652		32.40
			*CORRECTED AVERAGE								46.7	210	98.6	73,314					2745		
6/23	1200	ADJ.		310	165	175	245		-		44	210	92	85,919	457.8	114			2731.2		31.46
6/23	1300	ADJ.		307	165	175	245		-		46	210	80	87,850	561.4	109			2604		33.74
6/23	1400	ADJ.		305	165	180	245		-		44	210	82	85,919	669.1	108			2584.8		33.24
6/23	1500	ADJ.		305	170	182	243		-		47	210	98	88,800	782.2	133			2954.4		30.06
			*CORRECTED AVERAGE								45.25	210	88	72,895					2642		
6/23	1600	ADJ.		302	173	183	243				47	210	90	88,800	887.3	105			2522.4		35.20
6/23	1700	ADJ.		302	175	185	245		-		47	210	90	88,800	991.1	104			2491.2		35.65
			*CORRECTED AVERAGE								47	210	90	74,084					2433		
6/23	1730	ADJ.	STARTED GAS THROUGH #2 SEPARATOR.																		
6/23	1745	ADJ.	BY PASSED FLARE STACK TO SEE IF NOISTURE WAS ACCUMULATING INSIDE FLARE STACK

GEOTHERMAL FIELD TEST DATA

PAGE 15
DATE JUNE 23, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/23	1800	ADJ.		300	175	185	243		-		46	210	96	87,850	1096	105			2518		34.90
6/23	1900	ADJ.		302	175	185	245		-		46	210	96	87,850	1200.5	105			2508		35.03
6/23	2000	ADJ.		300	175	190	243		-		42	210	82	83,943	1299.5	99			2376		35.33
6/23	2100	ADJ.		295	175	190	243		-		42	210	82	83,943	1405.1	106			2534.4		33.12
			*CORRECTED AVERAGE								44	210	89	71,812					2408		
6/23	2200	ADJ.		295	175	190	243		-		42	210	74	83,944	1505	100			2397.6		35.01
6/23	2300	ADJ.		295	175	190	243		-		40	210	78	81,921	1607.2	102			2452.8		33.40
6/23	2400	ADJ.		295	178	190	243		-		41	210	88	82,938	1712.3	105			2522		32.88
6/24	0100	ADJ.		295	178	190	243		-		41	210	88	82,938	1818.8	106			2556		32.45
			*CORRECTED AVERAGE								41	210	82	69,840					2405		
6/24	0200	ADJ.		292	178	190	243		-		40	210	88	81,921	1913.9	95.1			2282.4		35.89
6/24	0300	ADJ.		294	178	190	243		-		42	210	88	83,943	2013.6	99.7			2392.8		35.08
6/24	0400	ADJ.		294	178	190	243		-		43	210	88	84,937	2113.3	99.7			2392.8		35.50
6/24	0500	ADJ.		292	178	190	243		-		43	210	88	84,937	2212.4	99.1			2378.4		35.71
			*CORRECTED AVERAGE								42	210	88	70,226					2288

GEOTHERMAL FIELD TEST DATA

PAGE 16
DATE JUNE 24, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st L. 939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANIF TEMP	MANIF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/24	0600	ADJ.		290	178	190	243		-		43	210	88	84,937	2312.2	99.8			2395.2		35.46
6/24	0700	ADJ.		290	160	185	243		-		38	210	76	79,846	2407.4	95.2			2284.8		34.95
6/24	0800	ADJ.		286	160	185	240		-		40	210	76	81,921	2505.7	98.3			2359.2		34.72
6/24	0900	ADJ.		288	165	190	243		-		38	210	80	79,846	2602	96.3			2311.2		34.55
			*CORRECTED AVERAGE								39.75	210	80	68,891					2247		
6/24	1000	ADJ.		289	160	190	243		-		39	210	82	80,890	2698.3	96.3			2311.2		35
6/24	1100	ADJ.		289	165	190	243		-		38	210	84	79,846	2795.1	96.8			2323.2		34.37
6/24	1200	ADJ.		289	170	195	245		-		40	210	104	81,921	2889.8	94.7			2272.8		36.04
6/24	1300	ADJ.		288	175	195	245		-		40	210	104	81,921	2985.3	95.5			2292		35.74
			*CORRECTED AVERAGE								39.25	210	93.5	67,520					2230		
6/24	1400	ADJ.		288	175	195	245		-		37	210	104	78,789	3082	96.7			2320.8		33.95
6/24	1500	ADJ.		288	180	195	245		-		36	210	104	77,716	3174.9	92.9			2229.6		34.86
6/24	1600	ADJ.		289	185	195	245		-		36	210	112	77,716	3279.9	98			2352		33.04
6/24	1700	ADJ.		289	175	190	245		-		38	210	84	79,846	3373.5	101			2414.4		33.07
			*CORRECTED AVERAGE								36.75	210	101	64,743					2226

GEOHERMAL FIELD TEST DATA

PAGE 17
DATE JUNE 24, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. 16,462-16,490 SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA							
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANF TEMP	MANF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO	
											DIFF	PRESS	TEMP									
6/24	1800	ADJ.		270	165	195	245		-		38	210	84	79,846	3465.6	92.1			2210.4		36.12	
			*CORRECTED AVERAGE								38	210	84	67,113					2138			
6/24	1845	ADJ.	SPRANG LEAK IN METER RUN.				PUT ON BY PASS. 2030 - PUT				THROUGH SEPARATOR.											
6/24	2100	ADJ.		274	168	195	240		-		42	210	79	83,944	3596.1							
6/24	2200	ADJ.		277	168	195	240		-		37	210	78	78,789	3689.5	93.4			2241.6		35.15	
6/24	2300	ADJ.		277	170	195	240		-		35	210	70	76,630	3784.8	95.3			2287.2		33.50	
6/24	2400	ADJ.		277	170	195	240		-		35	210	70	76,630	3878.2	93.4			2241.6		34.19	
6/25	0100	ADJ.		277	175	195	240		-		35	210	70	76,630	3972.4	94.2			2260.8		33.90	
			*CORRECTED AVERAGE								36	210	72	66,252					2183			
6/25	0200	ADJ.		277	175	195	240		-		35	210	70	76,630	4066.3	93.9			2253.6		34	
6/25	0300	ADJ.		275	175	195	240		-		35	210	70	76,630	4159	92.7			2224.8		34.44	
6/25	0400	ADJ.		275	175	195	240		-		33	210	70	74,408	4250.4	91.4			2193.6		33.92	
6/25	0500	ADJ.		275	180	195	240		-		34	210	70	75,527	4344	93.6			2246.4		33.62	
			*CORRECTED AVERAGE								34.25	210	70	64,739					2158

GEOHERMAL FIELD TEST DATA

PAGE 18
DATE JUNE 25, 1981

COMPANY EATON OPERATING COMPANY LEASE CROWN ZELLERBACH WELL NO. 2 FIELD LIVINGSTON
COUNTY or PARISH LIVINGSTON STATE LOUISIANA PERF. SAND
TUBING SIZE 2 3/8 SET @ 16,780 PACKER @ - CASING SIZE 7" SET @ 17,000 T.D. ORIFICE METER (1st 1.939 X .375)

		WELLHEAD DATA					MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS	CASING PRESS	W H TEMP	MANF TEMP	MANF PRESS	READING	CALC SAND	CORS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP G	GAS WATER RATIO
											DIFF	PRESS	TEMP								
6/25	0600	ADJ.		275	180	195	240		-		35	210	72	76,630	4433.3	89.3			2143.2		35.75
6/26	0700	ADJ.		275	180	195	240		-		35	210	72	76,630	4523.9	90.6			2174.4		35.24
6/25	0800	ADJ.		275	180	195	240		-		35	210	72	76,630	4615.8	91.9			2205.6		34.74
			*CORRECTED AVERAGE								35	210	72	65,323					2106		
6/25	0900	ADJ.		278	180	195	240		-		32	210	80	73,272	4706.1	90.3			2167.2		33.81
6/25	0940		SHUT WELL IN																		
6/25	1000	DWT		988																	
6/25	1015	DWT		1133																	
6/25	1030	DWT		1228																	
6/25	1045	DWT		1301																	
6/25	1100	DWT		1395																	
6/25	1130	DWT		1450																	
6/25	1200	DWT		1517																	
6/25	1230	DWT		1570																	
6/25	1300	DWT		1614																	

APPENDIX F
IGT COMPILED DATA

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Industries of Houston, Inc.
Eaton Operating Co., Inc.
3104 Edloe, Houston, Texas 77027

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1	604	124000	2867.8	95.3	---	5.7	0.0	.9	---	-.2	90.3	3.2	2838.3	-25.1
2	604	124500	2863.6	95.2	---	5.8	0.0	1.1	---	-.3	90.7	3.3	2837.3	-25.4
3	604	125000	2861.0	95.3	---	5.8	0.0	1.1	---	-.3	91.0	3.3	2836.9	-25.0
4	604	125500	2865.3	95.4	---	6.0	0.0	1.1	---	-.3	91.7	3.3	2837.5	-25.3
5	604	130000	2864.8	95.5	.0	5.8	0.0	.9	0.0	-.3	91.7	3.3	2836.4	-25.0
6	604	130500	2865.5	95.7	---	5.9	0.0	1.0	---	-.3	92.1	3.3	2835.0	-24.9
7	604	131000	2862.7	95.7	---	5.8	0.0	.7	---	-.3	91.7	3.3	2834.7	-25.2
8	604	131500	2862.9	95.9	---	5.5	-.0	1.0	---	-.4	91.7	3.3	2835.4	-25.0
9	604	132000	2858.5	95.9	---	5.8	.0	1.0	---	-.4	92.2	3.3	2833.5	-25.1
10	604	132500	2860.6	96.1	---	5.8	.0	1.0	---	-.4	92.5	3.2	2832.0	-25.0
11	604	133000	2863.3	96.3	.0	5.8	0.0	1.2	0.0	-.4	92.9	3.3	2829.7	-24.9
12	604	133500	2861.4	96.4	---	5.8	-.0	1.1	---	-.4	93.3	-5.8	2828.0	-25.1
13	604	134000	2864.2	96.5	---	5.8	-.0	1.1	---	-.5	93.8	3.3	2828.6	-25.0
14	604	134154	2860.8	96.7	---	5.8	0.0	1.0	---	-.5	94.0	3.3	2830.1	-25.8
15	604	134500	2863.3	96.7	---	5.8	0.0	1.1	---	-.5	93.5	3.3	2827.0	-24.7
16	604	140000	2853.8	97.1	.0	5.7	-.0	.9	0.0	-.5	93.7	3.3	2827.7	-24.8
17	604	141500	2861.8	97.4	---	5.6	-.0	.9	---	-.5	92.7	3.3	2827.5	-25.0
18	604	143000	2857.6	97.5	.0	5.6	-.0	.9	0.0	-.5	92.7	3.2	2826.4	-24.6
19	604	144500	2858.7	97.8	---	5.6	-.0	.9	---	-.5	92.8	3.3	2825.2	-25.1
20	604	150000	2860.4	97.8	.0	5.6	-.0	.8	0.0	59.1	91.4	3.3	2825.6	-25.0
21	604	151500	2858.7	97.6	---	5.6	-.0	1.2	---	101.7	91.2	3.3	2825.3	-24.9
22	604	153000	2854.9	97.5	.0	5.6	.0	1.1	0.0	100.2	91.5	3.3	2826.6	-25.0
23	604	154500	2856.9	97.6	---	5.6	.0	1.1	---	99.5	92.3	3.2	2823.7	-25.1
24	604	160000	2853.9	97.7	.0	5.6	-.0	1.0	0.0	99.3	92.5	3.2	2822.9	-25.2
25	604	160525	2857.6	97.7	---	5.9	.0	1.0	---	99.2	92.3	3.2	2818.6	-29.1
26	604	161500	2857.0	97.7	---	5.6	0.0	.8	---	99.1	91.5	3.3	2820.9	-28.8
27	604	162135	2855.3	97.5	---	5.8	-.0	.8	---	98.5	90.5	3.3	2820.4	-28.4
28	604	163000	2850.6	97.2	0.0	5.5	0.0	.8	4.3	97.7	89.7	3.2	2820.4	-25.0
29	604	163058	2854.5	97.3	---	5.5	0.0	.5	---	97.2	89.5	3.2	2819.3	-24.8
30	604	163540	2849.8	97.0	---	5.6	-.0	.6	---	96.8	89.3	3.3	2820.4	-24.5
31	604	164500	2853.2	96.7	---	5.5	.0	.8	---	95.9	89.1	3.2	2821.1	-25.1
32	604	170000	2852.2	96.4	.0	5.6	.0	.8	0.0	95.0	88.6	3.2	2820.1	-25.0
33	604	171500	2849.8	95.8	---	5.5	-.0	.5	---	93.9	87.8	3.1	2819.1	-25.0
34	604	173000	2850.3	95.1	.0	5.5	0.0	.7	0.0	92.5	86.4	3.1	2819.7	-25.0
35	604	174500	2849.1	94.3	---	5.5	0.0	.4	---	91.1	85.7	3.1	2817.1	-25.1
36	604	180000	2847.4	93.5	.0	5.7	.0	.4	0.0	89.9	85.1	3.0	2817.6	-25.0
37	604	181500	2845.8	92.8	---	5.6	.0	.3	---	89.1	84.3	3.0	2818.9	-25.0
38	604	183000	2845.8	92.1	.0	5.7	.0	.3	0.0	88.2	83.9	3.0	2816.6	-25.1
39	604	184500	2841.8	91.3	---	5.6	.0	.6	---	87.5	83.2	3.0	2816.1	-25.1
40	604	190000	2842.7	90.4	.0	5.6	.0	.3	0.0	86.7	82.6	3.0	2816.8	-25.1
41	604	191500	2841.2	89.6	---	5.5	.0	.4	---	86.0	81.9	3.0	2816.9	-25.1
42	604	193000	2840.1	88.9	.0	5.6	.0	.3	0.0	85.2	81.3	3.0	2818.6	-25.0
43	604	194500	2837.4	88.2	---	5.6	.0	.1	---	84.5	80.7	2.9	2815.4	-25.0
44	604	200000	2838.6	87.4	.0	5.5	.0	.5	0.0	83.8	80.0	2.9	2815.3	-25.0
45	604	201500	2838.1	86.7	---	5.5	.0	.3	---	82.8	79.3	2.9	2814.6	-25.0
46	604	203000	2836.6	85.9	.0	5.5	.0	.2	0.0	82.0	78.7	2.9	2814.9	-25.1
47	604	204500	2836.1	85.1	---	5.5	.0	.4	---	81.3	78.1	2.9	2813.9	-25.0
48	604	210000	2834.4	84.4	.0	5.5	.0	.2	0.0	80.6	77.6	2.9	2813.3	-25.0
49	604	211500	2831.8	83.9	---	5.5	.0	.3	---	80.1	77.0	2.9	2812.2	-25.2
50	604	213000	2830.0	83.3	.0	5.6	.0	.2	0.0	79.6	76.7	2.8	2812.5	-25.0
51	604	214500	2829.5	82.7	---	5.6	.0	.2	---	79.2	76.6	2.8	2812.6	-25.0
52	604	220000	2827.5	82.3	.0	5.7	.1	.2	0.0	79.0	76.7	2.8	2813.1	-24.9
53	604	221500	2825.7	81.9	---	5.8	.0	.2	---	79.0	76.8	2.8	2812.7	-25.0
54	604	223000	2800.4	81.7	.0	5.8	.0	.2	0.0	79.0	76.7	2.8	2793.6	-25.2
55	604	224500	2763.0	81.4	---	5.8	.0	.2	---	79.0	76.7	2.8	2756.6	-25.0

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
56	604	230000	2730.7	81.2	.0	5.8	.0	.2	0.0	79.0	76.7	2.8	2720.2	-25.1
57	604	231500	2692.5	80.9	---	5.8	.0	.3	---	79.0	76.8	2.8	2686.7	-24.9
58	604	233000	2653.6	80.7	.0	5.8	.0	.2	0.0	79.1	77.0	2.8	2644.9	-25.0
59	604	234500	2623.3	80.6	---	5.8	.1	.2	---	79.2	77.1	2.8	2612.8	-25.2
60	605	0	2620.4	80.3	.0	5.8	.0	.2	0.0	79.2	77.3	2.8	2608.5	-24.9
61	605	1500	2664.5	80.3	---	5.8	.0	.4	---	79.1	77.1	2.7	2658.8	-25.0
62	605	3000	2664.9	80.1	.0	5.7	.0	.2	0.0	79.0	76.7	2.8	2657.3	-25.0
63	605	4500	2669.7	79.7	---	5.8	.0	.2	---	78.8	76.6	2.8	292.9	-25.0
64	605	10000	2678.7	79.6	.0	5.7	.1	.2	0.0	78.7	76.5	2.8	19.9	-25.1
65	605	11500	2671.9	79.4	---	5.8	.1	.1	---	78.4	76.3	2.7	22.1	-25.0
66	605	13000	2671.0	79.2	.0	5.8	.0	.2	0.0	78.3	76.3	2.7	20.3	-25.1
67	605	14500	2673.8	79.2	---	5.8	.0	.2	---	78.3	76.2	2.7	17.7	-24.8
68	605	20000	2679.0	79.1	.0	5.8	.1	.2	0.0	78.2	76.2	2.7	19.3	-25.0
69	605	21500	2670.9	78.9	---	5.8	.1	.3	---	78.3	76.2	2.7	20.3	-25.1
70	605	23000	2672.6	78.8	.0	5.9	.1	.2	0.0	78.2	76.2	2.7	19.9	-25.1
71	605	24500	2673.7	78.8	---	5.8	.1	.2	---	78.3	76.2	2.7	19.6	-25.1
72	605	30000	2674.1	78.7	.0	5.8	.0	.2	0.0	78.3	76.2	2.7	18.6	-25.1
73	605	31500	2670.0	78.6	---	5.8	.0	.1	---	78.2	76.3	2.7	21.4	-25.0
74	605	33000	2674.3	78.6	.0	5.7	.0	.2	0.0	78.3	76.1	2.7	19.1	-25.0
75	605	34500	2670.8	78.4	---	5.7	.0	.4	---	78.2	76.0	2.7	25.9	-25.0
76	605	40000	2672.8	78.3	.0	5.7	.0	.2	0.0	78.2	75.9	2.7	24.4	-24.8
77	605	41500	2696.3	78.3	---	5.7	.0	.1	---	78.1	75.9	2.7	24.6	-25.1
78	605	43000	2726.3	78.3	.0	5.8	.1	.1	0.0	78.1	75.9	2.7	23.8	-24.9
79	605	44500	2770.0	78.3	---	5.8	.0	.1	---	78.0	75.9	2.7	25.6	-25.0
80	605	50000	2804.7	78.2	.0	5.8	.1	.2	0.0	78.0	76.0	2.7	27.3	-25.1
81	605	51500	2836.9	78.2	---	5.8	.0	.1	---	78.0	76.1	2.6	25.1	-25.2
82	605	53000	2862.0	78.2	.0	5.8	.0	.1	0.0	78.0	76.2	2.7	24.6	-25.1
83	605	54500	2900.1	78.2	---	5.8	.0	.2	---	78.0	76.2	2.6	26.2	-24.9
84	605	60000	2911.5	78.2	.0	5.8	.1	.1	0.0	78.0	76.2	2.6	24.0	-25.0
85	605	61500	2910.7	78.1	---	5.8	.1	.2	---	78.1	76.2	2.6	25.1	-24.9
86	605	63000	2901.3	78.2	.0	5.8	.1	.1	.0	78.2	76.4	2.6	24.4	-25.0
87	605	64500	2899.4	78.2	---	5.8	.1	.1	---	78.3	76.5	2.6	24.8	-25.0
88	605	64945	2899.6	78.3	---	5.7	.1	.9	---	78.5	76.5	2.7	1448.4	-24.9
89	605	65500	2896.0	78.2	---	5.7	.0	0.0	---	78.5	76.7	2.6	2876.1	-25.5
90	605	70000	2897.9	78.2	.0	5.7	.0	.0	.0	78.6	76.7	2.6	2875.8	-25.0
91	605	70330	2897.3	78.3	---	5.7	.0	.1	---	78.7	76.7	2.6	2877.7	-25.0
92	605	70400	2868.8	78.8	---	5.9	0.0	.3	---	78.6	76.6	2.6	2850.0	-25.5
93	605	70412	2818.8	80.3	---	5.5	0.0	0.0	---	78.5	76.8	2.6	2831.3	-24.6
94	605	70420	2750.0	81.5	---	6.0	0.0	0.0	---	79.0	77.0	2.6	2825.0	-25.3
95	605	70440	2812.5	82.0	---	6.0	1.3	1.3	---	79.0	76.5	2.6	2812.5	-30.9
96	605	70500	2829.2	81.7	---	5.5	0.0	0.0	---	78.5	76.8	2.7	2820.8	-24.7
97	605	70520	2829.2	80.2	---	5.5	0.0	0.0	---	78.7	76.5	2.6	2812.5	-24.9
98	605	70540	2833.3	79.7	---	5.7	.1	-5.4	---	78.8	76.8	2.6	2816.7	-25.1
99	605	70600	2833.3	79.0	---	5.7	.1	0.0	---	78.7	76.5	2.7	2812.5	-25.2
100	605	70620	2833.3	79.0	---	10.2	0.0	0.0	---	78.7	76.5	2.6	2812.5	-25.0
101	605	70640	2825.0	79.0	---	5.7	0.0	0.0	---	78.5	76.5	2.6	2816.7	-25.2
102	605	70700	2837.5	79.2	---	5.7	.1	0.0	---	78.7	76.7	2.6	2812.5	-24.8
103	605	70720	2829.2	79.2	---	5.7	0.0	0.0	---	78.8	76.7	2.6	2816.7	-25.1
104	605	70740	2829.2	79.2	---	5.7	0.0	0.0	---	78.7	76.8	2.6	2820.8	-24.8
105	605	70800	2833.3	79.3	---	5.8	.1	0.0	---	78.7	76.7	2.7	2812.5	-25.4
106	605	70820	2837.5	79.3	---	5.7	0.0	0.0	---	78.7	77.0	2.6	2816.7	-25.0
107	605	70840	2833.3	79.2	---	5.8	0.0	0.0	---	78.8	77.0	2.6	2816.7	-25.4
108	605	70900	2837.5	76.5	---	5.5	0.0	0.0	---	78.7	76.7	2.6	2812.5	-25.5
109	605	70920	2837.5	67.7	---	5.7	0.0	1.3	---	78.8	77.2	2.6	2812.5	-25.0
110	605	70940	2829.2	62.5	---	5.8	.6	0.0	---	78.7	77.0	2.6	2816.7	-24.9

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
111	605	71000	2837.5	62.0	---	5.7	.1	0.0	---	78.7	76.5	2.6	2812.5	-25.0
112	605	71020	2833.3	63.3	---	5.8	0.0	0.0	---	78.8	76.8	2.6	2812.5	-24.7
113	605	71040	2829.2	65.0	---	5.8	.1	.4	---	78.8	77.0	2.7	2812.5	-25.3
114	605	71100	2812.5	66.5	---	5.7	.1	0.0	---	78.8	77.0	2.7	2808.3	-25.3
115	605	71120	2716.7	75.2	---	5.8	.1	0.0	---	78.8	76.8	2.6	2687.5	-25.5
116	605	71140	2700.0	86.2	---	5.8	.6	0.0	---	78.8	76.7	2.6	2687.5	-25.0
117	605	71200	2695.8	88.7	---	5.5	0.0	0.0	---	78.7	77.0	2.6	2683.3	-25.2
118	605	71220	2666.7	87.7	---	6.0	0.0	0.0	---	79.0	77.0	2.6	2679.2	-24.7
119	605	71240	2695.8	86.0	---	5.7	.1	.4	---	78.8	77.0	2.6	2683.3	-25.0
120	605	71300	2695.8	85.0	---	5.8	.1	0.0	---	79.0	77.0	2.6	2687.5	-25.2
121	605	71320	2695.8	83.7	---	5.7	.1	0.0	---	79.0	76.8	2.6	2687.5	-25.0
122	605	71340	2691.7	82.8	---	5.7	0.0	0.0	---	78.7	77.2	2.6	2687.5	-24.8
123	605	71400	2687.5	82.2	---	5.8	.1	.4	---	78.8	76.8	2.6	2683.3	-24.9
124	605	71420	2695.8	81.8	---	5.5	0.0	0.0	---	79.0	77.2	2.6	2679.2	-25.3
125	605	71440	2691.7	81.2	---	5.7	.1	0.0	---	79.0	80.3	2.6	2683.3	-25.0
126	605	71500	2679.2	81.2	---	5.8	.1	0.0	---	79.0	77.3	2.6	2683.3	-24.8
127	605	71520	2679.2	80.7	---	5.7	0.0	0.0	---	79.0	76.7	2.6	2683.3	-23.8
128	605	71540	2683.3	80.7	---	5.8	.1	.4	---	79.0	76.8	2.6	2683.3	-25.0
129	605	71600	2687.5	80.8	---	5.5	0.0	0.0	---	79.0	77.2	2.6	2687.5	-25.4
130	605	71620	2691.7	80.7	---	5.5	0.0	0.0	---	79.0	77.0	2.6	2679.2	-25.3
131	605	71640	2695.8	80.7	---	5.7	.1	0.0	---	79.0	77.2	2.6	2687.5	-25.0
132	605	71700	2687.5	80.5	---	5.8	0.0	0.0	---	79.0	77.7	2.6	2679.2	-24.9
133	605	71720	2687.5	80.5	---	5.7	.1	0.0	---	79.0	76.8	2.6	2687.5	-24.8
134	605	71740	2695.8	80.5	---	5.7	.1	0.0	---	79.0	76.8	2.6	2687.5	-25.0
135	605	71800	2695.8	80.5	---	5.8	.6	0.0	---	79.0	77.3	2.6	2683.3	-25.0
136	605	71820	2691.7	80.3	---	5.7	.1	.4	---	79.0	76.8	2.6	2679.2	-25.0
137	605	71840	2687.5	80.5	---	5.8	0.0	0.0	---	79.0	77.5	2.6	2687.5	-24.8
138	605	71900	2691.7	80.3	---	5.7	.1	.4	---	79.0	77.8	2.6	2679.2	-24.9
139	605	71920	2691.7	80.5	---	5.7	0.0	0.0	---	79.0	77.0	2.6	2675.0	-24.9
140	605	71940	2784.2	80.5	---	5.7	0.0	0.0	---	79.0	76.0	2.7	2687.5	-25.1
141	605	72000	2691.7	80.3	---	5.7	0.0	0.0	---	79.0	77.3	2.6	2687.5	-25.0
142	605	72020	2691.7	80.5	---	5.5	0.0	0.0	---	79.0	77.2	2.8	2683.3	-24.9
143	605	72040	2695.8	80.5	---	5.5	0.0	0.0	---	79.0	77.2	2.6	2687.5	-24.7
144	605	72100	2687.5	80.5	---	5.7	0.0	0.0	---	79.2	77.3	2.6	2683.3	-24.8
145	605	72120	2691.7	80.5	---	5.5	0.0	0.0	---	79.0	77.5	2.6	2679.2	-25.0
146	605	72140	2691.7	80.5	---	5.7	.1	0.0	---	79.0	77.5	2.6	2687.5	-24.8
147	605	72200	2700.0	80.5	---	5.7	0.0	0.0	---	79.0	77.2	2.6	2687.5	-24.9
148	605	72220	2691.7	80.5	---	5.7	0.0	0.0	---	79.2	77.2	2.7	2687.5	-25.0
149	605	72240	2687.5	80.7	---	5.7	0.0	.4	---	79.0	76.8	2.5	2687.5	-24.8
150	605	72300	2695.8	80.5	---	5.7	0.0	0.0	---	79.2	77.0	2.6	2687.5	-24.9
151	605	72320	2695.8	80.5	---	5.5	0.0	0.0	---	79.2	77.2	2.6	2687.5	-24.8
152	605	72340	2691.7	80.5	---	5.8	.1	0.0	---	79.2	77.2	2.6	2683.3	-24.9
153	605	72400	2687.5	80.5	---	5.7	0.0	0.0	---	79.0	77.5	2.6	2679.2	-24.8
154	605	72420	2687.5	80.7	---	5.5	0.0	0.0	---	79.2	77.5	2.6	2683.3	-25.0
155	605	72440	2695.8	80.5	---	5.8	0.0	0.0	---	79.2	77.2	2.6	2679.2	-25.1
156	605	72500	2695.8	80.5	---	5.7	0.0	0.0	---	79.5	77.3	2.6	2687.5	-25.2
157	605	72520	2766.7	80.5	---	5.5	0.0	0.0	---	79.2	77.3	2.6	2687.5	-25.3
158	605	72540	2691.7	80.7	---	5.8	0.0	.4	---	79.2	77.0	2.6	2683.3	-25.0
159	605	72558	2695.8	80.5	---	5.5	0.0	0.0	---	79.2	77.3	2.6	2687.5	-24.9
160	605	72625	2687.5	80.5	---	5.5	0.0	0.0	---	79.0	77.5	2.6	2681.3	-25.0
161	605	72700	2646.9	80.6	---	5.6	0.0	.3	---	79.4	77.1	2.6	2681.3	-25.0
162	605	72720	2691.7	80.5	---	5.7	0.0	0.0	---	79.3	77.2	2.6	2687.5	-25.0
163	605	72740	2691.7	80.5	---	5.7	0.0	.4	---	79.0	77.0	2.6	2679.2	-25.2
164	605	72800	2687.5	80.5	---	5.8	0.0	0.0	---	79.5	77.5	2.6	2687.5	-25.3
165	605	72820	2691.7	80.5	---	5.5	0.0	.4	---	79.2	77.2	2.6	2687.5	-24.9

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tu	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
166	605	72840	2695.8	80.5	---	5.7	0.0	0.0	---	79.0	77.0	2.6	2683.3	-24.8
167	605	72900	2695.8	80.7	---	5.7	.1	0.0	---	79.5	77.8	2.7	2679.2	-24.8
168	605	72920	2691.7	80.5	---	6.0	0.0	0.0	---	79.2	77.2	2.6	2679.2	-25.2
169	605	72940	2691.7	80.5	---	5.7	0.0	0.0	---	79.2	77.5	2.6	2679.2	-25.1
170	605	73000	2691.7	80.5	0.0	5.7	0.0	0.0	0.0	79.5	77.5	2.7	2687.5	-25.1
171	605	73020	2691.7	80.2	---	5.8	.1	0.0	---	79.3	77.5	2.6	2683.3	-25.1
172	605	73040	2691.7	80.5	---	6.0	0.0	0.0	---	79.2	77.3	2.6	2683.3	-25.0
173	605	73100	2670.8	80.5	---	5.7	0.0	.4	---	79.2	77.8	2.6	2687.5	-25.1
174	605	73120	2691.7	80.5	---	5.7	-.1	0.0	---	79.2	77.8	2.6	2687.5	-25.0
175	605	73140	2691.7	80.5	---	5.5	0.0	.8	---	79.5	77.5	2.6	2679.2	-25.2
176	605	73200	2691.7	80.5	---	5.8	0.0	.4	---	79.3	77.7	2.7	2679.2	-24.9
177	605	73220	2687.5	80.3	---	5.5	.6	0.0	---	79.3	75.8	2.5	2683.3	-25.2
178	605	73240	2691.7	80.5	---	5.7	0.0	.4	---	79.3	77.8	2.6	2679.2	-25.0
179	605	73300	2691.7	80.5	---	5.5	0.0	.4	---	79.3	78.0	2.6	2679.2	-25.1
180	605	73320	2695.8	80.5	---	6.0	0.0	.8	---	79.5	77.7	2.6	2687.5	-25.1
181	605	73340	2691.7	80.5	---	5.8	.1	0.0	---	79.3	77.7	2.6	2683.3	-24.9
182	605	73400	2687.5	80.5	---	5.5	.1	0.0	---	79.3	77.5	2.5	2687.5	-24.7
183	605	73420	2700.0	80.3	---	5.8	.1	0.0	---	79.2	77.8	2.6	2695.8	-25.0
184	605	73440	2687.5	80.5	---	5.8	.1	0.0	---	79.5	77.7	2.6	2679.2	-25.1
185	605	73500	2691.7	80.3	---	5.7	0.0	.4	---	79.3	77.7	2.6	2675.0	-25.0
186	605	73520	2691.7	80.5	---	5.8	0.0	0.0	---	79.5	77.5	1.8	2675.0	-25.1
187	605	73540	2695.8	80.3	---	5.7	.1	0.0	---	79.5	77.8	2.6	2687.5	-24.8
188	605	73548	2687.5	80.5	---	5.5	0.0	0.0	---	79.5	77.5	2.5	2675.0	-25.0
189	605	73600	2700.0	80.5	---	6.0	0.0	0.0	---	79.5	78.0	2.6	2687.5	-24.8
190	605	73640	2687.5	80.3	---	5.5	0.0	0.0	---	79.5	78.0	2.6	2687.5	-24.8
191	605	73700	2687.5	80.5	---	5.7	0.0	0.0	---	79.5	77.7	2.6	2675.0	-25.3
192	605	73720	2687.5	80.5	---	5.7	0.0	0.0	---	79.5	77.7	2.5	2758.3	-24.1
193	605	73740	2700.0	80.5	---	5.8	0.0	0.0	---	79.5	77.7	2.6	2679.2	-25.2
194	605	73800	2687.5	80.5	---	5.5	0.0	0.0	---	79.5	77.8	2.6	2683.3	-25.0
195	605	73820	2687.5	80.5	---	5.7	0.0	0.0	---	79.5	78.2	2.5	2679.2	-25.2
196	605	73840	2687.5	80.3	---	5.7	0.0	0.0	---	79.5	77.5	2.6	2679.2	-25.0
197	605	73900	2658.3	80.5	---	5.8	0.0	0.0	---	79.5	77.8	2.6	2687.5	-24.9
198	605	73920	2695.8	80.3	---	5.8	.1	.8	---	79.5	77.8	2.6	2679.2	-25.3
199	605	73940	2691.7	80.5	---	5.8	0.0	0.0	---	79.7	78.0	2.6	2683.3	-25.3
200	605	74000	2687.5	80.5	---	5.7	0.0	0.0	---	79.5	78.0	2.6	2683.3	-25.2
201	605	74020	2687.5	80.3	---	5.8	0.0	0.0	---	79.7	78.0	2.6	2679.2	-24.9
202	605	74040	2695.8	80.5	---	5.8	0.0	0.0	---	79.5	77.8	2.7	2683.3	-25.0
203	605	74100	2691.7	80.3	---	5.5	0.0	.4	---	79.8	78.2	2.7	2675.0	-25.0
204	605	74120	2687.5	80.5	---	5.5	0.0	0.0	---	79.7	77.2	2.6	2679.2	-25.2
205	605	74140	2687.5	80.3	---	5.7	0.0	.4	---	79.7	78.0	2.6	2679.2	-25.0
206	605	74200	2687.5	80.5	---	10.4	.1	0.0	---	79.5	78.0	2.6	2687.5	-24.8
207	605	74220	2687.5	80.5	---	5.7	0.0	0.0	---	79.7	78.2	2.6	2675.0	-25.0
208	605	74229	2687.5	80.5	---	6.0	0.0	0.0	---	79.5	78.0	2.6	2562.5	-25.3
209	605	74240	2700.0	80.5	---	5.5	0.0	0.0	---	79.5	78.0	2.6	2675.0	-25.0
210	605	74300	2693.8	80.5	---	5.5	0.0	0.0	---	79.8	78.3	2.6	2687.5	-25.4
211	605	74400	2722.7	80.4	---	5.8	0.0	-1.4	---	79.8	78.1	2.6	2678.4	-25.9
212	605	74500	2703.4	80.3	---	5.8	.1	0.0	---	79.8	78.1	2.6	2679.5	-25.0
213	605	74600	2694.3	80.5	---	5.7	-.0	.2	---	79.8	77.0	2.6	2677.3	-24.9
214	605	74700	2693.2	80.5	---	5.8	.0	.1	---	79.9	78.3	3.8	2681.8	-24.9
215	605	74800	2701.1	80.6	---	5.7	.0	.3	---	80.0	78.4	2.6	2685.2	-25.1
216	605	74900	2703.4	80.5	---	5.8	0.0	.2	---	80.1	78.4	2.6	2685.2	-25.1
217	605	75000	2703.4	80.7	---	5.8	.0	.2	---	80.2	78.5	2.6	2751.1	-25.1
218	605	75100	2701.1	80.5	---	5.5	.0	.1	---	80.1	78.4	2.6	2690.9	-23.9
219	605	75200	2703.4	80.5	---	5.8	.0	0.0	---	80.3	78.7	2.6	2687.5	-25.0
220	605	75300	2706.8	80.7	---	5.6	0.0	.1	---	80.3	78.7	2.6	2688.6	-24.1

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
221	605	75400	2702.3	80.7	---	5.8	.1	0.0	---	80.4	78.0	2.6	2695.5	-8.3
222	605	75500	2715.9	80.6	---	5.8	0.0	-.1	---	80.3	78.9	2.6	2695.5	.8
223	605	75600	2715.9	80.8	---	5.8	.0	.1	---	80.5	78.9	2.6	2700.0	1.1
224	605	75700	2715.9	80.8	---	5.7	.1	.2	---	80.5	78.6	2.6	2700.0	1.4
225	605	75800	2720.5	80.7	---	5.7	.0	-.1	---	80.5	79.0	2.6	2701.1	2.0
226	605	75900	2721.6	80.7	---	5.7	.0	.1	---	80.5	79.1	2.6	2703.4	2.2
227	605	80000	2726.1	80.7	***	5.9	.0	.2	.0	80.6	79.1	2.6	2703.4	2.7
228	605	80100	2725.0	80.8	---	5.8	.0	.2	---	80.5	79.0	2.6	2709.1	2.5
229	605	80200	2723.9	80.7	---	5.8	.0	.1	---	80.6	79.0	2.7	2713.6	2.4
230	605	80220	2725.0	80.8	---	5.7	0.0	0.0	---	80.8	79.2	2.6	2712.5	2.4
231	605	80240	2731.3	80.8	---	5.5	.3	0.0	---	80.8	79.3	2.6	2706.3	2.4
232	605	80320	2721.9	80.8	---	5.6	0.0	0.0	---	80.6	79.0	2.7	2709.4	2.0
233	605	80340	2725.0	80.5	---	5.8	0.0	0.0	---	80.5	79.2	2.6	2712.5	1.4
234	605	80400	2725.0	80.8	---	5.8	.1	0.0	---	80.8	79.3	2.6	2712.5	1.8
235	605	80420	2725.0	80.7	---	5.7	0.0	0.0	---	80.8	79.2	2.6	2712.5	2.0
236	605	80440	2725.0	81.0	---	5.8	0.0	0.0	---	81.0	79.2	2.7	2712.5	2.0
237	605	80500	2725.0	81.0	---	5.8	.6	.4	---	80.7	79.2	2.6	2712.5	2.3
238	605	80520	2725.0	80.7	---	5.7	0.0	0.0	---	80.7	79.2	2.6	2720.8	2.0
239	605	80540	2729.2	80.5	---	5.7	0.0	0.0	---	80.8	79.7	2.7	2712.5	1.9
240	605	80600	2720.8	80.8	---	6.0	0.0	0.0	---	80.8	77.2	2.6	2712.5	1.5
241	605	80620	2725.0	80.8	---	5.8	0.0	0.0	---	81.0	79.3	2.6	2708.3	1.7
242	605	80640	2720.8	80.8	---	5.8	0.0	0.0	---	81.0	79.3	2.6	2708.3	1.2
243	605	80700	2729.2	80.8	---	5.8	0.0	0.0	---	81.0	78.5	2.6	2712.5	1.4
244	605	80720	2720.8	80.5	---	5.8	.1	0.0	---	81.0	79.7	2.6	2712.5	1.8
245	605	80740	2725.0	81.0	---	6.0	0.0	.4	---	81.0	79.5	2.6	2712.5	2.0
246	605	80800	2729.2	80.8	---	6.0	.1	0.0	---	81.0	79.2	2.6	2712.5	1.9
247	605	80820	2729.2	80.8	---	5.7	0.0	.4	---	81.2	79.3	2.6	2712.5	1.5
248	605	80830	2725.0	80.5	---	6.0	0.0	0.0	---	81.0	79.5	2.6	2712.5	3.4
249	605	80840	2725.0	80.5	---	6.0	0.0	0.0	---	81.0	79.0	2.5	2712.5	-.4
250	605	80850	2725.0	80.5	---	5.5	0.0	0.0	---	81.0	79.5	2.6	2712.5	3.0
251	605	81025	2723.6	80.9	---	5.8	0.0	.1	---	81.1	79.6	2.6	2711.1	2.0
252	605	81047	2725.0	81.0	---	5.5	0.0	0.0	---	81.5	79.3	2.6	2712.5	1.3
253	605	81103	2725.0	80.8	---	5.7	0.0	0.0	---	81.3	79.8	2.6	2712.5	2.8
254	605	81120	2725.0	81.0	---	5.5	0.0	0.0	---	81.0	79.5	2.6	2712.5	2.0
255	605	81140	2725.0	81.0	---	5.5	0.0	0.0	---	81.5	79.5	2.6	2712.5	1.4
256	605	81200	2725.0	80.8	---	5.8	0.0	0.0	---	81.3	79.7	2.6	2712.5	2.6
257	605	81220	2716.7	80.8	---	6.0	.1	0.0	---	81.3	79.7	2.6	2704.2	2.0
258	605	81240	2716.7	80.5	---	5.7	0.0	0.0	---	81.3	80.2	2.6	2700.0	2.5
259	605	81300	2716.7	80.5	---	5.8	.1	0.0	---	81.3	80.0	2.6	2700.0	1.7
260	605	81320	2704.2	80.7	---	5.7	0.0	0.0	---	81.3	80.0	2.5	2695.8	82.6
261	605	81340	2570.8	80.5	---	5.8	0.0	0.0	---	81.5	79.8	2.6	2550.0	125.4
262	605	81400	2458.3	80.0	---	5.8	0.0	.4	---	81.3	79.7	2.5	2441.7	120.2
263	605	81420	2395.8	78.5	---	5.8	.1	0.0	---	81.2	79.8	2.6	2383.3	24.0
264	605	81440	2375.0	77.3	---	5.8	0.0	.4	---	81.3	79.5	2.5	2362.5	3.7
265	605	81500	2345.8	77.0	---	5.8	.1	0.0	---	81.5	80.2	1.9	2337.5	3.0
266	605	81520	2329.2	76.7	---	5.8	.1	0.0	---	81.5	79.8	2.7	2312.5	2.5
267	605	81540	2312.5	76.5	---	5.7	0.0	.4	---	81.5	79.8	2.6	2304.2	2.1
268	605	81600	2295.8	76.5	---	5.7	0.0	0.0	---	81.5	80.2	2.6	2291.7	1.7
269	605	81620	2283.3	76.7	---	5.7	0.0	0.0	---	81.5	79.3	2.6	2275.0	2.7
270	605	81640	2266.7	76.7	---	5.8	.1	0.0	---	81.5	79.7	2.6	2262.5	2.6
271	605	81700	2262.5	76.8	---	5.8	0.0	0.0	---	81.5	80.5	2.6	2250.0	2.7
272	605	81720	2254.2	77.2	---	5.7	.1	0.0	---	81.5	80.0	2.6	2241.7	2.2
273	605	81740	2241.7	77.2	---	5.7	.1	0.0	---	81.5	79.8	2.6	2237.5	1.8
274	605	81800	2233.3	77.3	---	5.7	0.0	.4	---	81.5	79.5	2.6	2225.0	2.2
275	605	81820	2229.2	77.7	---	5.7	0.0	.4	---	81.7	80.3	2.5	2225.0	2.1

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
276	605	81840	2216.7	77.5	---	5.5	.1	.4	---	81.5	80.3	2.6	2212.5	2.5
277	605	81900	2216.7	77.7	---	5.8	0.0	0.0	---	81.5	80.3	2.6	2216.7	2.0
278	605	81920	2208.3	78.8	---	5.7	0.0	0.0	---	81.7	80.0	2.6	2208.3	2.5
279	605	81940	2204.2	77.8	---	5.7	0.0	0.0	---	81.7	78.7	2.6	2200.0	2.1
280	605	82000	2200.0	77.8	---	5.8	-.8	.4	---	81.7	80.3	2.6	2195.8	3.0
281	605	82020	2275.0	78.0	---	5.8	0.0	.4	---	81.7	80.2	2.6	2187.5	2.8
282	605	82040	2191.7	78.0	---	5.7	0.0	.4	---	81.7	80.2	2.6	2187.5	1.8
283	605	82100	2187.5	78.0	---	5.7	0.0	.4	---	82.0	80.3	2.5	2179.2	2.0
284	605	82120	2175.0	78.2	---	5.8	0.0	0.0	---	81.7	80.2	2.6	2175.0	1.8
285	605	82140	2175.0	78.0	---	5.8	0.0	0.0	---	81.7	80.0	2.6	2175.0	2.1
286	605	82200	2183.3	78.0	---	5.5	0.0	.4	---	81.8	80.0	2.6	2170.8	2.3
287	605	82220	2170.8	78.0	---	5.8	0.0	0.0	---	81.8	80.0	3.4	2170.8	2.8
288	605	82240	2166.7	78.0	---	5.8	.1	0.0	---	82.0	79.8	2.7	2170.8	2.2
289	605	82300	2162.5	78.0	---	5.5	0.0	0.0	---	81.8	80.0	2.6	2158.3	2.8
290	605	82320	2158.3	77.8	---	5.8	0.0	0.0	---	82.0	79.8	2.6	2154.2	2.6
291	605	82340	2158.3	78.0	---	5.5	0.0	0.0	---	82.0	80.7	2.6	2158.3	2.8
292	605	82400	2175.0	78.0	---	5.8	.1	0.0	---	82.0	79.8	2.6	2150.0	2.5
293	605	82420	2141.7	78.0	---	6.8	0.0	.8	---	82.0	80.3	2.6	2141.7	2.6
294	605	82440	2079.2	78.0	---	5.8	0.0	.4	---	82.0	80.2	2.6	2066.7	2.8
295	605	82500	2020.8	78.0	---	5.7	0.0	0.0	---	82.0	80.5	2.6	2016.7	3.4
296	605	82520	1975.0	78.0	---	5.7	0.0	0.0	---	82.0	80.2	2.5	1970.8	2.8
297	605	82540	1929.2	78.0	---	5.7	0.0	0.0	---	82.0	80.2	2.6	1933.3	2.5
298	605	82600	1900.0	78.0	---	5.7	0.0	0.0	---	82.0	80.3	2.6	1900.0	2.9
299	605	82620	1862.5	78.2	---	5.7	0.0	.8	---	82.0	80.5	2.6	1862.5	3.3
300	605	82640	1841.7	78.3	---	5.8	.1	.4	---	82.0	80.2	2.6	1833.3	2.5
301	605	82700	1820.8	78.2	---	5.7	0.0	0.0	---	82.0	80.0	2.7	1820.8	3.1
302	605	82720	1741.7	78.3	---	5.7	.1	.4	---	82.0	80.3	2.7	1812.5	2.0
303	605	82740	1783.3	78.7	---	5.8	0.0	0.0	---	82.0	80.0	2.6	1791.7	2.5
304	605	82800	1775.0	78.8	---	5.7	0.0	0.0	---	82.2	80.0	2.6	1779.2	2.7
305	605	82820	1770.8	78.8	---	5.8	.1	0.0	---	82.2	80.2	2.6	1775.0	2.5
306	605	82840	1762.5	79.0	---	6.8	0.0	.8	---	82.0	80.7	2.6	1762.5	3.5
307	605	82900	1750.0	79.3	---	5.7	0.0	0.0	---	82.0	80.7	2.6	1750.0	2.5
308	605	82920	1745.8	79.3	---	5.7	0.0	.8	---	82.2	80.5	2.6	1745.8	3.7
309	605	82940	1745.8	79.8	---	5.8	.1	.4	---	82.0	80.2	2.6	1737.5	3.0
310	605	83000	1729.2	79.7	25.2	5.5	0.0	0.0	0	82.3	80.5	2.6	1737.5	2.3
311	605	83020	1729.2	80.0	---	5.7	0.0	0.0	---	82.2	80.3	2.6	1725.0	3.2
312	605	83040	1712.5	80.0	---	5.7	0.0	.4	---	82.0	80.7	2.6	1716.7	3.1
313	605	83100	1708.3	80.3	---	5.7	.1	.4	---	82.0	80.5	2.6	1708.3	3.9
314	605	83120	1704.2	80.5	---	5.8	0.0	.4	---	82.0	80.7	2.6	1704.2	1.7
315	605	83140	1695.8	80.7	---	5.5	0.0	0.0	---	82.5	80.8	2.6	1695.8	3.3
316	605	83200	1695.8	80.7	---	6.2	0.0	0.0	---	82.2	80.7	2.6	1691.7	2.3
317	605	83220	1675.0	81.0	---	5.8	0.0	0.0	---	82.3	80.5	2.6	1687.5	2.9
318	605	83240	1679.2	81.2	---	5.8	0.0	0.0	---	82.3	80.7	2.6	1704.2	2.3
319	605	83300	1662.5	81.3	---	5.5	0.0	0.0	---	82.3	80.8	2.6	1675.0	2.6
320	605	83320	1670.8	81.8	---	5.7	0.0	0.0	---	82.3	80.5	2.6	1675.0	2.7
321	605	83340	1666.7	81.8	---	5.8	.1	0.0	---	82.3	80.5	2.6	1670.8	2.3
322	605	83400	1662.5	82.0	---	6.8	.1	0.0	---	82.3	81.0	2.6	1662.5	2.5
323	605	83420	1658.3	82.3	---	5.7	.1	0.0	---	82.2	85.7	2.6	1662.5	2.8
324	605	83440	1654.2	82.2	---	5.5	0.0	0.0	---	82.3	80.7	2.7	1654.2	2.5
325	605	83500	1637.5	82.2	---	5.5	0.0	0.0	---	82.2	81.2	2.6	1650.0	2.9
326	605	83520	1645.8	82.3	---	5.8	0.0	.8	---	82.5	80.3	2.6	1650.0	2.7
327	605	83540	1637.5	82.8	---	6.0	0.0	.4	---	82.5	80.7	2.6	1641.7	2.7
328	605	83600	1631.3	82.5	---	5.5	0.0	0.0	---	82.5	80.8	2.6	1637.5	2.6
329	605	83700	1637.5	83.0	---	5.7	.0	.2	---	82.5	80.9	2.6	1636.4	2.3
330	605	83800	1622.7	83.3	---	5.7	.1	0.0	---	82.5	80.9	2.6	1629.5	2.6

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
331	605	83900	1612.5	83.8	---	5.7	.1	.1	---	82.6	81.0	2.6	1613.6	1.5
332	605	84000	1595.5	84.1	---	5.6	.0	0.0	---	82.7	81.0	2.6	1593.2	1.5
333	605	84100	1584.1	84.5	---	5.6	0.0	.2	---	82.8	81.3	2.6	1572.7	1.2
334	605	84200	1575.0	84.8	---	5.6	.0	.1	---	82.9	81.0	2.6	1575.0	1.8
335	605	84300	1571.6	85.1	---	5.6	0.0	.3	---	82.8	81.1	2.6	1565.9	2.4
336	605	84400	1559.1	85.6	---	5.6	0.0	.1	---	83.0	81.3	2.6	1559.1	1.8
337	605	84500	1551.1	85.9	---	5.5	0.0	.2	---	83.0	81.3	2.6	1550.0	2.0
338	605	84600	1550.0	86.3	---	5.6	.0	.2	---	83.0	81.2	2.6	1548.9	1.5
339	605	84700	1550.0	86.6	---	5.5	-.0	.2	---	83.2	81.1	2.6	1537.5	1.8
340	605	84800	1551.1	86.8	---	5.5	0.0	.3	---	83.2	81.4	2.6	1546.6	2.4
341	605	84900	1547.7	87.1	---	5.6	.0	.1	---	83.3	81.3	2.6	1543.2	2.3
342	605	85000	1540.9	87.3	---	5.5	.0	.1	---	83.2	81.2	2.6	1537.5	2.4
343	605	85100	1536.4	87.7	---	5.6	.0	.1	---	83.3	81.5	2.6	1535.2	1.6
344	605	85200	1540.9	88.0	---	5.5	.0	.1	---	83.4	81.3	2.6	1528.4	1.9
345	605	85300	1527.3	88.2	---	5.5	.0	0.0	---	83.3	81.6	2.5	1525.0	2.0
346	605	85400	1525.0	88.5	---	5.5	0.0	.1	---	83.5	81.5	2.6	1519.3	1.9
347	605	85500	1523.9	88.7	---	5.5	0.0	.2	---	83.7	81.7	2.6	1521.6	3.1
348	605	85600	1519.3	89.0	---	5.5	.0	.6	---	83.8	81.6	2.6	1515.9	1.9
349	605	85700	1511.4	89.3	---	5.6	0.0	.1	---	83.7	81.9	2.6	1504.5	1.5
350	605	85800	1506.8	89.5	---	5.6	0.0	.5	---	83.6	81.9	2.6	1497.7	2.1
351	605	85900	1533.0	90.0	---	5.6	.1	.5	---	83.9	81.8	2.6	1500.0	1.6
352	605	90000	1506.8	90.2	112.4	6.0	0.0	.5	.0	83.8	81.8	2.6	1495.5	2.1
353	605	90100	1502.3	90.4	---	5.5	.0	.2	---	84.0	81.8	2.6	1493.2	1.8
354	605	90200	1478.4	90.8	---	5.6	0.0	.3	---	84.0	81.8	2.6	1489.8	2.1
355	605	90240	1489.3	91.0	---	5.6	0.0	0.0	---	84.0	81.8	2.6	1487.5	2.2
356	605	90500	1481.7	91.5	---	5.5	0.0	.1	---	84.0	81.8	2.6	1486.5	2.1
357	605	91000	1482.2	92.4	---	5.6	.0	.2	---	84.1	81.8	2.6	1473.5	2.1
358	605	91500	1465.7	93.8	---	5.8	.0	.2	---	84.0	81.7	2.7	1458.3	1.7
359	605	92000	1447.0	95.0	---	5.5	.0	.1	---	84.0	81.4	2.7	1439.8	2.2
360	605	92500	1436.9	96.3	---	5.6	0.0	.1	---	83.9	81.1	2.6	1429.0	2.5
361	605	93000	1416.1	97.6	191.9	5.5	.0	-.1	.0	83.5	80.3	2.7	1410.0	2.1
362	605	93500	1407.2	98.8	---	5.5	.0	.1	---	83.2	80.0	2.6	1395.3	2.7
363	605	94000	1394.7	100.0	---	5.5	-.0	-.4	---	82.9	80.0	2.6	1382.8	2.6
364	605	94500	1378.0	101.1	---	5.5	0.0	.1	---	82.7	80.1	2.6	1374.2	2.3
365	605	95000	1372.7	102.3	---	5.5	.0	-.1	---	82.7	80.0	2.6	1359.7	1.7
366	605	95500	1363.6	103.3	---	74.3	13.2	.2	---	82.7	80.1	2.6	1350.0	1.5
367	605	95625	1314.1	104.1	---	8.8	78.3	0.0	---	82.6	80.6	2.6	1342.2	1.5
368	605	100000	1351.7	104.6	***	10.1	103.9	.1	10.5	82.8	80.8	2.6	1343.2	1.4
369	605	100013	1356.3	105.0	---	9.2	136.2	.6	---	82.5	80.5	2.6	1337.5	1.4
370	605	100320	1349.2	105.4	---	10.8	170.9	.1	---	82.7	81.3	2.6	1334.1	1.2
371	605	100400	1350.0	105.6	---	11.8	193.7	0.0	---	82.8	81.2	2.6	1329.2	.9
372	605	100500	1339.8	105.8	---	11.4	207.9	.2	---	82.9	81.3	2.6	1327.3	-.2
373	605	100600	1338.6	106.0	---	11.5	217.3	.2	---	82.8	81.5	2.6	1327.3	1.4
374	605	100700	1337.5	106.2	---	11.5	229.2	0.0	---	83.0	81.6	2.6	1325.0	1.1
375	605	100800	1339.8	106.5	---	11.5	242.1	.2	---	83.0	81.8	2.6	1325.0	1.1
376	605	100900	1335.2	106.6	---	11.5	253.5	0.0	---	83.1	81.8	2.6	1319.3	1.0
377	605	101000	1333.0	106.6	---	11.4	264.3	.2	---	83.2	81.8	2.5	1325.0	1.3
378	605	101100	1345.5	107.0	---	13.0	269.1	.2	---	83.1	81.7	2.5	1317.0	1.2
379	605	101200	1336.4	107.3	---	11.2	268.1	0.0	---	83.1	81.9	2.5	1320.5	.8
380	605	101300	1331.8	107.3	---	14.8	264.8	.3	---	83.2	81.8	2.5	1317.0	1.3
381	605	101400	1328.4	107.4	---	40.7	263.1	.1	---	83.2	82.0	2.5	1317.0	1.2
382	605	101500	1329.5	107.7	---	40.0	263.8	0.0	---	83.3	82.0	2.6	1313.6	1.2
383	605	101600	1326.1	107.7	---	41.2	263.8	.1	---	83.4	82.2	2.5	1312.5	.2
384	605	101700	1325.0	108.1	---	41.7	263.8	.3	---	83.5	82.2	2.5	1302.3	1.0
385	605	101800	1311.4	108.5	---	41.6	263.8	.3	---	83.5	82.0	2.5	1312.5	.9

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
386	605	101820	1320.8	108.5	---	42.2	263.8	0.0	---	83.5	82.5	2.5	1304.2	.6
387	605	101900	1318.8	108.8	---	38.2	263.8	0.0	---	83.6	82.1	2.5	1300.0	1.0
388	605	102000	1318.2	108.7	---	39.7	263.8	.1	---	83.8	82.3	2.5	1306.8	.8
389	605	102100	1320.5	109.0	---	36.4	263.5	.1	---	83.8	82.3	2.5	1305.7	1.1
390	605	102200	1318.2	109.0	---	31.0	264.0	.2	---	83.8	82.4	2.5	1301.1	1.0
391	605	102300	1314.8	109.1	---	27.7	266.7	.2	---	83.9	82.7	2.5	1300.0	.6
392	605	102345	1317.2	109.6	---	31.6	268.3	.3	---	84.0	82.7	2.5	1300.0	1.1
393	605	102500	1313.5	109.7	---	34.3	267.5	.2	---	84.0	82.8	2.6	1300.0	.9
394	605	103000	1311.9	110.2	314.1	36.7	267.4	.2	62.0	84.1	82.8	2.5	1295.6	.8
395	605	103500	1298.1	111.1	---	39.0	266.1	.1	---	84.2	82.9	2.5	1287.7	.9
396	605	104000	1297.9	112.0	---	35.9	265.8	.2	---	84.3	83.1	2.5	1282.2	1.0
397	605	104500	1290.7	113.0	---	34.8	266.2	.1	---	84.4	83.4	2.6	1272.9	.7
398	605	105000	1284.1	113.9	---	34.0	265.9	.2	---	84.7	83.6	2.6	1263.6	.8
399	605	105500	1279.4	114.8	---	38.0	268.2	18.5	---	93.8	83.6	-.8	1262.1	.2
400	605	110000	1272.2	115.8	386.9	36.3	266.3	113.1	113.5	114.2	83.3	-2.9	1252.8	1.9
401	605	110500	1269.3	116.8	---	38.6	266.7	141.1	---	115.1	83.4	-2.9	1250.0	1.1
402	605	111000	1262.9	117.6	---	37.1	268.6	141.0	---	116.2	83.7	-2.9	1245.3	1.5
403	605	111438	1260.0	118.4	---	39.6	267.8	140.3	---	117.1	84.0	-2.9	1239.3	1.3
404	605	112000	1255.1	119.4	---	36.8	266.0	146.2	---	117.9	84.0	-2.9	1236.4	1.3
405	605	112500	1248.3	120.3	---	40.7	266.6	147.5	---	118.8	84.7	-2.9	1225.0	2.2
406	605	113000	1249.2	121.1	458.8	28.9	261.1	149.7	163.9	111.5	85.0	-2.9	1226.5	2.5
407	605	113500	1247.5	121.9	---	20.6	258.8	152.1	---	116.5	85.6	-2.8	1223.9	2.7
408	605	114000	1241.1	122.7	---	45.9	268.0	152.3	---	120.9	85.7	-2.9	1215.7	2.9
409	605	114500	1234.7	123.6	---	40.0	267.4	148.4	---	121.9	85.7	.1	1212.7	3.1
410	605	115000	1236.0	124.4	---	38.6	266.4	138.7	---	121.7	85.6	1.4	1210.0	3.1
411	605	115500	1227.5	125.2	---	40.9	266.5	144.0	---	123.5	85.6	1.5	1205.1	2.9
412	605	120000	1221.4	126.0	531.4	41.4	266.0	151.1	213.6	124.5	85.8	1.5	1200.8	-12.3
413	605	120500	1222.7	126.8	---	36.8	265.5	147.8	---	125.1	85.4	1.5	1189.6	1.9
414	605	121000	1211.7	127.7	---	34.0	265.2	145.2	---	125.8	85.2	1.2	1187.1	3.2
415	605	121500	1213.6	128.5	---	38.6	266.2	149.5	---	126.7	85.3	1.2	1186.7	3.0
416	605	122000	1208.5	129.3	---	35.2	265.6	143.0	---	127.4	85.2	1.2	1177.8	2.7
417	605	122500	1199.2	130.2	---	34.2	265.7	145.4	---	128.1	85.1	1.4	1176.1	2.5
418	605	123000	1208.1	130.9	***	39.1	266.6	149.8	263.5	129.1	84.9	1.3	1176.9	3.1
419	605	123500	1206.8	131.7	---	38.9	265.7	142.9	---	129.8	84.4	1.2	1175.0	2.9
420	605	124000	1199.8	132.6	---	44.0	266.6	149.1	---	130.5	84.3	1.3	1174.4	2.8
421	605	124500	1211.2	133.3	---	42.9	265.0	140.4	---	130.9	83.9	1.2	1173.3	3.3
422	605	125000	1213.1	133.9	---	50.6	267.6	148.6	---	131.9	83.1	1.3	1175.2	1.8
423	605	125500	1217.2	134.4	---	53.0	266.5	141.5	---	132.3	82.3	1.2	1175.8	.7
424	605	130000	1211.9	135.0	***	67.9	267.4	144.3	311.9	132.9	81.8	1.2	1178.0	1.6
425	605	130500	1212.7	135.5	---	80.3	267.6	133.0	---	132.8	81.0	1.4	1182.6	2.6
426	605	131000	1208.5	136.2	---	50.9	266.2	122.6	---	133.1	80.6	1.2	1183.9	1.8
427	605	131500	1203.8	136.8	---	43.8	266.3	107.5	---	133.5	80.4	1.2	1175.0	1.6
428	605	132000	1194.5	137.4	---	38.2	265.7	102.7	---	134.1	80.2	1.1	1170.8	2.4
429	605	132500	1189.0	137.9	---	30.3	266.3	112.2	---	132.2	80.2	1.6	1164.0	1.3
430	605	133000	1184.5	138.5	***	31.2	265.6	142.2	358.9	133.7	80.0	2.9	1161.9	1.4
431	605	133500	1182.6	139.1	---	34.3	267.2	145.3	---	136.9	80.0	3.0	1154.7	1.4
432	605	134000	1181.1	139.7	---	34.5	265.3	146.4	---	137.5	79.7	3.1	1151.7	2.2
433	605	134500	1174.6	140.3	---	31.8	263.8	147.5	---	138.1	79.4	3.1	1147.6	2.0
434	605	134838	1174.1	140.8	---	30.1	265.0	148.3	---	138.4	79.2	3.2	1149.1	2.1
435	605	135000	1174.0	141.0	---	38.9	265.7	148.8	---	138.6	79.2	3.1	1149.0	3.6
436	605	135135	1177.9	141.0	---	29.9	266.2	148.5	---	138.9	79.2	3.1	1147.8	2.0
437	605	135500	1171.3	141.5	---	30.5	266.6	149.2	---	138.9	79.2	3.1	1146.6	2.3
438	605	135832	1168.5	141.9	---	31.9	267.5	150.2	---	139.4	79.6	3.2	1144.3	2.2
439	605	135905	1175.0	142.0	---	34.0	267.5	150.0	---	139.8	79.0	3.3	1143.8	2.9
440	605	140000	1166.1	142.1	745.6	34.3	267.5	150.4	407.0	139.8	79.3	3.2	1141.1	2.5

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
441	605	140500	1166.5	142.4	---	34.1	266.9	150.5	---	140.0	79.1	3.2	1139.8	1.9
442	605	141000	1163.1	143.0	---	29.2	265.9	151.4	---	140.7	79.2	3.3	1137.7	2.6
443	605	141343	1158.5	143.4	---	32.7	267.5	153.0	---	141.2	79.3	3.3	1137.2	2.5
444	605	141500	1160.4	143.8	---	33.3	267.5	155.0	---	141.6	79.2	3.3	1138.5	2.7
445	605	142000	1151.3	144.1	---	32.9	266.4	168.8	---	141.9	79.5	3.3	1129.9	2.6
446	605	142500	1154.7	144.6	---	32.3	264.8	182.7	---	142.4	79.9	3.3	1127.8	2.5
447	605	143000	1154.2	145.1	816.2	31.6	264.5	193.8	455.0	143.0	79.8	3.3	1125.8	3.1
448	605	143500	1151.5	145.6	---	31.7	264.9	204.1	---	143.4	79.8	3.3	1124.8	2.4
449	605	144000	1150.8	146.1	---	30.2	266.0	214.4	---	143.9	80.2	3.3	1124.6	2.8
450	605	144500	1148.7	146.5	---	30.2	264.8	213.4	---	144.4	80.2	3.4	1122.2	3.0
451	605	145000	1148.3	147.0	---	30.8	267.4	211.5	---	144.7	80.6	3.3	1114.8	3.0
452	605	145500	1145.3	147.6	---	33.0	266.7	210.8	---	145.3	81.0	3.3	1114.6	3.0
453	605	150000	1143.2	148.0	886.5	34.2	265.2	209.9	503.0	145.7	80.8	3.4	1111.4	2.7
454	605	150500	1140.7	148.4	---	28.4	264.5	210.1	---	146.1	80.6	3.4	1113.6	3.1
455	605	151000	1138.6	148.9	---	30.8	266.9	209.2	---	146.6	80.8	3.4	1111.2	3.6
456	605	151500	1134.3	149.3	---	33.3	266.2	208.8	---	147.0	80.7	3.4	1109.1	3.2
457	605	152000	1133.5	149.7	---	32.2	264.6	207.8	---	147.4	80.7	3.4	1104.9	2.4
458	605	152500	1133.9	150.1	---	29.9	263.7	206.8	---	147.9	80.8	3.4	1101.5	3.5
459	605	152737	1131.9	150.4	---	30.0	264.9	206.1	---	148.1	80.7	3.4	1101.2	2.9
460	605	153000	1131.8	150.6	***	29.9	265.0	206.3	551.0	148.1	80.2	3.5	1101.6	3.6
461	605	153408	1130.1	151.0	---	30.2	265.8	207.2	---	148.1	79.7	3.5	1101.0	3.7
462	605	153500	1131.3	151.0	---	30.2	266.3	207.5	---	148.4	79.7	3.5	1100.0	2.6
463	605	154000	1128.6	151.3	---	30.8	266.2	208.1	---	148.5	79.4	3.5	1100.0	2.8
464	605	154500	1126.7	151.7	---	30.8	266.5	209.4	---	148.9	79.4	3.6	1099.6	3.8
465	605	155000	1124.8	152.2	---	31.5	266.6	209.5	---	149.2	79.1	3.6	1099.4	3.2
466	605	155120	1125.8	152.5	---	31.2	266.1	209.8	---	149.7	79.1	3.6	1096.7	7.2
467	605	155500	1124.1	152.6	---	31.5	266.1	209.8	---	149.7	79.0	3.6	1095.7	3.4
468	605	160000	1121.8	152.9	1032.2	31.1	265.5	210.1	599.0	150.0	78.9	3.6	1092.7	3.5
469	605	160500	1121.8	153.3	---	30.8	264.9	210.2	---	150.4	78.9	3.6	1090.9	4.1
470	605	161000	1119.1	153.6	---	29.9	265.0	210.5	---	150.7	78.8	3.6	1089.8	4.5
471	605	161500	1117.8	154.1	---	29.5	270.0	211.2	---	150.9	78.8	3.7	1088.3	3.5
472	605	162000	1110.8	154.3	---	27.4	270.0	210.4	---	149.2	78.9	3.7	1087.9	3.3
473	605	162500	1116.3	154.7	---	31.8	270.0	209.9	---	148.2	79.0	4.0	1087.3	3.8
474	605	163000	1107.2	155.1	1095.3	30.8	270.0	209.9	646.0	148.5	79.1	4.7	1087.9	3.8
475	605	163500	1112.9	155.6	---	29.9	270.0	209.9	---	149.4	79.2	4.9	1087.5	4.0
476	605	164000	1111.4	155.7	---	26.3	270.0	209.2	---	149.0	79.1	16.8	1086.9	3.6
477	605	164500	1109.7	156.4	---	34.0	270.0	207.8	---	149.0	78.5	28.2	1086.7	3.4
478	605	165000	1107.2	157.1	---	26.3	270.0	210.5	---	150.5	77.9	27.8	1084.3	3.7
479	605	165500	1104.9	157.7	---	33.0	277.2	210.8	---	152.0	77.9	16.8	1080.3	3.8
480	605	170000	1106.6	158.1	1157.8	33.1	275.8	210.6	693.0	153.0	78.2	10.0	1079.7	-0.8
481	605	170500	1103.0	158.6	---	29.2	276.5	210.2	---	153.7	78.1	8.9	1076.5	4.2
482	605	171000	1099.4	159.0	---	30.4	276.2	193.5	---	136.6	78.3	7.6	1075.4	3.8
483	605	171500	1098.9	159.3	---	29.5	275.8	201.1	---	153.5	78.6	7.5	1075.0	4.1
484	605	172000	1098.5	159.8	---	32.9	273.3	202.5	---	154.3	78.8	7.3	1075.8	4.6
485	605	172500	1095.3	160.6	---	26.6	276.1	191.2	---	154.6	78.6	8.7	1074.8	4.4
486	605	173000	1094.7	161.0	1224.5	33.8	281.5	199.1	740.0	155.4	78.7	11.7	1074.4	3.4
487	605	173500	1096.0	161.1	---	32.3	279.8	200.2	---	154.9	79.0	11.1	1073.3	3.8
488	605	174000	1087.5	160.8	---	26.3	275.6	198.3	---	154.4	78.8	11.2	1069.7	2.9
489	605	174500	1090.5	161.1	---	31.4	278.2	196.1	---	155.2	78.7	11.3	1068.4	2.9
490	605	174525	1090.6	161.0	---	32.5	277.2	198.8	---	155.4	79.0	11.0	1065.6	3.2
491	605	175000	1087.7	161.5	---	31.4	276.9	198.4	---	155.5	78.8	12.1	1065.9	2.7
492	605	175500	1089.0	161.7	---	27.0	278.3	187.9	---	155.9	78.9	11.4	1064.0	3.0
493	605	180000	1087.5	162.0	1284.9	34.1	279.7	196.3	787.0	157.2	79.0	7.3	1062.7	2.7
494	605	180500	1093.0	162.6	---	28.5	277.0	197.8	---	157.6	79.1	7.4	1062.5	2.8
495	605	181000	1087.5	162.9	---	31.6	276.4	188.5	---	157.5	79.5	7.6	1064.6	2.5

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
496	605	181500	1086.9	163.2	---	28.1	278.1	194.6	---	158.5	79.8	7.1	1064.8	3.0
497	605	182000	1084.7	163.4	---	33.5	276.6	197.2	---	158.6	80.1	6.4	1062.1	2.9
498	605	182500	1083.1	163.5	---	25.7	274.6	194.3	---	158.9	80.4	5.8	1057.2	2.8
499	605	183000	1057.0	163.7	1352.4	31.8	275.6	191.7	833.5	158.9	80.5	6.5	1059.0	2.4
500	605	190000	1071.9	166.0	1413.3	30.0	270.0	221.3	880.0	160.6	80.4	13.1	1043.8	2.2
501	605	190700	1066.7	165.8	---	30.0	270.0	221.7	---	160.8	80.5	12.7	1037.5	2.6
502	605	190720	1075.8	166.0	---	30.0	270.0	221.3	---	161.0	80.3	13.3	1037.5	2.8
503	605	191000	1070.0	165.9	---	30.0	270.0	221.3	---	161.4	80.7	13.4	1040.0	3.0
504	605	191500	1070.6	166.1	---	30.0	270.0	221.4	---	161.8	80.6	13.5	1039.6	2.8
505	605	192000	1071.4	166.2	---	30.0	270.0	219.0	---	160.8	80.7	7.3	1040.5	3.0
506	605	192500	1069.7	166.1	---	30.0	270.0	220.9	---	161.9	80.7	2.3	1039.0	2.8
507	605	193000	1066.7	166.4	1478.7	30.0	270.0	233.6	926.7	162.4	80.8	2.3	1038.6	3.4
508	605	193500	1067.6	166.7	---	30.0	270.0	241.1	---	162.5	80.3	2.3	1036.7	2.7
509	605	193935	1063.7	166.9	---	30.0	270.0	106.9	---	158.4	79.9	2.6	1038.9	2.9
510	605	194000	1062.5	167.0	---	30.0	270.0	84.4	---	153.0	79.5	2.6	1037.5	3.4
511	605	194500	1067.2	167.1	---	30.0	270.0	76.8	---	149.5	79.3	2.2	1038.3	1.7
512	605	195000	1064.4	167.2	---	30.0	270.0	69.2	---	144.0	79.4	2.0	1039.6	2.5
513	605	195500	1063.6	167.4	---	30.0	270.0	68.0	---	139.1	79.7	2.1	1037.5	2.2
514	605	200000	1061.2	167.7	1548.1	30.0	270.0	55.3	973.3	134.9	80.4	2.1	1037.3	2.1
515	605	200500	1066.9	167.9	---	30.0	270.0	55.0	---	131.4	81.0	2.2	1037.5	3.0
516	605	201000	1063.8	168.2	---	30.0	270.0	54.8	---	126.0	80.2	2.1	1037.5	2.2
517	605	201500	1061.9	168.4	---	23.3	270.0	17.4	---	125.6	79.9	2.3	1037.5	2.4
518	605	202000	1063.3	168.5	---	36.9	269.4	2.6	---	122.0	79.7	2.2	1037.1	2.0
519	605	202500	1061.7	168.7	---	29.9	268.8	1.2	---	117.2	79.9	2.3	1037.5	2.1
520	605	203000	1065.0	168.8	1684.6	28.8	271.0	5.3	1019.8	129.6	79.5	2.1	1036.4	1.3
521	605	203500	1059.3	168.9	---	33.2	269.3	15.6	---	163.6	79.3	1.1	1038.8	1.9
522	605	204000	1058.5	169.1	---	29.9	268.9	22.4	---	164.8	79.4	1.3	1036.4	1.8
523	605	204500	1065.5	169.3	---	30.4	269.4	30.3	---	165.1	79.1	1.2	1035.4	2.2
524	605	205000	1059.7	169.5	---	29.8	269.9	33.5	---	165.4	79.3	1.3	1034.7	2.2
525	605	205500	1059.7	169.6	---	30.2	269.8	34.8	---	165.6	79.2	1.2	1034.5	2.0
526	605	210000	1057.0	169.8	1656.8	29.6	269.4	35.4	1067.0	165.8	79.2	1.2	1033.5	2.3
527	605	210500	1055.9	170.0	---	27.7	270.1	35.4	---	166.1	79.1	1.2	1038.1	2.6
528	605	211000	1058.9	170.2	---	28.9	271.2	35.2	---	166.3	79.1	1.2	1033.9	2.4
529	605	211500	1055.9	170.4	---	29.5	271.2	35.4	---	166.4	78.9	1.2	1023.5	2.7
530	605	212000	1055.5	170.5	---	29.5	270.4	35.4	---	166.6	78.9	1.2	1029.4	1.7
531	605	212500	1053.8	170.6	---	29.5	269.6	35.4	---	166.7	78.7	1.1	1028.0	2.2
532	605	213000	1056.8	170.9	1709.3	29.7	269.7	35.1	1114.3	167.0	78.8	1.2	1026.1	2.5
533	605	213500	1051.3	170.9	---	29.7	269.8	35.2	---	167.2	78.7	1.2	1028.2	2.1
534	605	214000	1052.1	171.1	---	29.4	270.0	35.1	---	167.3	78.6	1.1	1026.3	2.0
535	605	214500	1051.9	171.2	---	29.6	270.7	35.1	---	167.3	78.4	1.0	1026.5	2.2
536	605	215000	1050.6	171.3	---	30.6	271.3	35.3	---	167.5	78.3	1.1	1025.4	1.8
537	605	215500	1050.6	171.5	---	31.8	270.3	35.1	---	167.6	78.3	1.1	1025.2	1.7
538	605	220000	1047.9	171.6	1764.2	31.3	269.1	35.1	1161.1	167.8	78.3	1.1	1028.0	1.9
539	605	220500	1048.3	171.8	---	27.6	269.6	35.4	---	168.0	78.4	1.2	1024.2	1.6
540	605	221000	1044.9	171.9	---	27.1	271.4	36.0	---	168.2	78.5	1.2	1024.8	1.7
541	605	221500	1048.3	172.0	---	28.6	271.9	36.0	---	168.3	78.2	1.2	1024.8	1.5
542	605	222000	1047.2	172.1	---	30.4	271.8	36.1	---	168.4	78.2	1.1	1024.8	1.5
543	605	222500	1046.2	172.3	---	30.6	271.0	34.5	---	168.2	78.3	1.0	1028.2	1.3
544	605	223000	1047.5	172.4	1818.1	30.1	270.0	35.2	1208.4	168.5	78.1	1.2	1023.9	1.0
545	605	223500	1046.0	172.6	---	29.9	270.0	35.2	---	168.5	78.1	1.1	1022.9	1.1
546	605	224000	1044.3	172.7	---	29.4	270.0	35.7	---	168.7	78.4	1.1	1021.2	1.4
547	605	224500	1043.6	172.8	---	28.9	270.5	35.6	---	168.9	78.1	1.1	1021.0	1.5
548	605	225000	1042.4	172.9	---	29.2	271.3	35.6	---	169.0	78.2	1.0	1016.9	1.3
549	605	225500	1041.9	173.0	---	29.5	271.7	35.8	---	169.1	78.3	1.1	1015.5	1.3
550	605	230000	1041.1	173.1	1880.0	29.2	275.5	35.5	1255.4	169.2	78.4	1.0	1015.3	1.3

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
551	605	230500	1041.3	173.2	---	30.2	271.1	35.4	---	169.4	78.4	1.0	1014.2	1.1
552	605	231000	1039.8	173.4	---	30.6	269.7	35.3	---	169.5	78.6	1.0	1014.8	1.4
553	605	231500	1037.3	173.6	---	31.0	269.3	35.1	---	169.5	78.7	1.0	1014.0	1.1
554	605	232000	1041.5	173.6	---	32.7	269.7	35.0	---	169.7	78.7	1.0	1014.0	1.4
555	605	232500	1038.6	173.7	---	30.4	266.5	34.8	---	169.5	78.8	.9	1013.3	1.2
556	605	233000	1037.7	173.8	1946.2	29.4	267.8	35.6	1302.1	169.8	78.7	.9	1012.7	.9
557	605	233500	1039.8	173.9	---	29.4	267.4	35.6	---	170.0	78.8	.9	1012.7	.1
558	605	234000	1039.0	174.0	---	29.0	267.4	35.9	---	170.2	78.8	1.0	1014.2	1.5
559	605	234500	1040.5	174.1	---	29.3	266.8	35.9	---	170.3	78.9	1.0	1012.1	.3
560	605	235000	1035.8	174.2	---	29.3	266.6	35.7	---	170.5	78.6	1.0	1032.8	1.5
561	605	235500	1036.9	174.3	---	29.5	266.6	35.7	---	170.5	78.2	1.0	1364.0	.8
562	606	0	1035.0	174.6	***	29.3	267.4	35.4	1348.9	170.7	78.4	.9	1215.3	2.3
563	606	500	1035.4	174.7	---	30.2	267.6	35.3	---	170.8	78.4	1.0	1303.2	2.6
564	606	1000	1033.7	174.8	---	31.6	266.9	34.8	---	170.4	78.3	1.0	1323.7	2.4
565	606	1500	1033.7	174.8	---	31.5	265.5	35.2	---	170.7	78.4	.9	1333.7	2.5
566	606	2000	1040.5	175.0	---	31.2	264.7	34.8	---	170.7	78.3	.9	1366.3	2.4
567	606	2500	1031.4	175.0	---	30.5	264.2	35.1	---	170.7	78.6	1.0	1305.5	3.7
568	606	3000	1031.6	175.0	***	29.4	264.4	35.4	1395.2	170.9	78.2	1.0	1314.8	3.0
569	606	3500	1028.0	175.0	---	29.1	263.8	35.2	---	170.8	78.5	1.0	6802.5	3.2
570	606	4000	1029.9	175.2	---	29.2	263.8	35.4	---	171.1	78.6	1.0	1796.0	2.8
571	606	4500	1025.8	175.3	---	29.1	263.9	35.4	---	171.0	78.7	1.0	2872.2	3.0
572	606	5000	1028.6	175.4	---	29.3	264.9	35.4	---	171.1	78.8	1.0	1581.8	2.8
573	606	5500	1029.7	175.5	---	29.6	265.0	35.6	---	171.4	78.7	.9	1837.7	2.9
574	606	10000	1026.5	175.5	***	29.5	265.3	35.1	1441.6	171.5	79.0	.9	2465.0	2.9
575	606	10500	1026.9	175.6	---	29.7	265.7	34.9	---	171.3	79.0	1.1	2062.3	3.0
576	606	11000	1020.1	175.7	---	29.6	264.8	35.2	---	171.7	78.7	1.0	3612.5	3.1
577	606	11500	1026.5	175.8	---	29.6	265.1	35.6	---	171.9	79.1	.9	1734.7	3.5
578	606	12000	1029.4	175.8	---	29.3	265.0	35.5	---	171.9	78.9	.9	1023.5	2.7
579	606	12500	1025.6	175.8	---	29.9	265.2	35.4	---	172.0	79.0	.9	1129.7	2.9
580	606	13000	1026.1	176.3	***	29.7	265.1	35.1	1488.0	172.2	79.2	.9	1239.2	2.5
581	606	13500	1026.5	176.3	---	29.6	265.2	35.5	---	172.5	79.1	.9	1359.1	3.1
582	606	14000	1024.4	176.4	---	30.8	265.3	35.7	---	172.5	79.3	1.0	1921.6	3.0
583	606	14500	1029.4	176.4	---	29.8	265.9	35.1	---	172.5	79.2	.9	3487.1	2.8
584	606	15000	1025.0	176.5	---	30.0	265.6	35.2	---	172.7	78.9	.9	3178.0	3.0
585	606	15500	1025.8	176.6	---	29.8	265.7	35.3	---	172.4	79.1	1.1	1833.1	3.2
586	606	20000	1023.7	176.7	***	29.7	265.3	35.3	1534.1	172.7	79.0	1.2	1662.1	2.9
587	606	20500	1023.5	176.7	---	29.5	265.1	35.4	---	172.7	79.7	1.0	1493.0	2.7
588	606	21000	1018.6	176.8	---	29.5	265.1	35.3	---	172.7	79.1	.9	1428.6	2.9
589	606	21500	1023.7	176.7	---	29.8	265.1	35.7	---	172.9	79.2	1.0	1293.2	3.1
590	606	22000	1023.7	176.9	---	29.9	265.0	35.1	---	173.0	79.2	1.0	1151.7	2.7
591	606	22500	1020.6	177.0	---	29.7	264.4	35.4	---	173.0	79.1	1.0	1132.0	2.7
592	606	23000	1020.8	177.1	***	29.7	264.7	35.2	1580.3	173.0	79.3	1.0	1131.1	3.1
593	606	23500	1015.9	177.2	---	29.6	265.1	35.3	---	173.0	79.2	1.0	1134.3	2.9
594	606	24000	1025.8	177.3	---	28.1	264.3	35.6	---	173.0	79.2	1.0	1147.5	2.7
595	606	24500	1020.8	177.4	---	26.7	265.8	35.5	---	173.0	79.1	.9	1126.9	2.9
596	606	25000	1019.7	177.5	---	29.8	266.2	35.2	---	172.9	79.2	1.0	1152.8	2.8
597	606	25500	1019.7	177.6	---	29.4	264.7	35.3	---	173.1	79.0	1.3	1142.2	3.0
598	606	30000	1015.5	177.6	***	31.1	265.7	35.1	1626.2	173.3	79.3	1.2	1136.9	3.4
599	606	30500	1021.6	177.8	---	32.7	264.9	35.1	---	173.5	79.3	1.2	1141.3	2.7
600	606	31000	1018.6	177.8	---	27.4	265.0	35.3	---	173.7	79.1	1.2	1116.1	1.8
601	606	31500	1016.9	178.0	---	27.8	265.2	35.6	---	173.7	79.2	1.2	1146.2	2.9
602	606	32000	1016.1	178.0	---	28.5	266.7	35.5	---	173.9	78.8	1.2	1149.8	2.7
603	606	32500	1016.9	178.2	---	29.6	266.3	35.5	---	174.0	79.0	1.2	1118.9	2.9
604	606	33000	1021.2	178.3	***	30.6	266.4	35.3	1672.1	174.0	78.8	1.1	1108.5	2.9
605	606	33500	1014.8	178.3	---	30.7	266.4	35.2	---	174.0	78.8	1.2	1098.3	2.9

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
606	606	34000	1018.4	178.4	---	30.3	266.2	34.8	---	174.1	78.7	1.2	1103.8	3.0
607	606	34500	1013.3	178.6	---	30.5	265.9	34.7	---	173.8	78.8	1.1	1101.1	2.8
608	606	35000	1017.2	178.6	---	28.3	263.9	35.3	---	174.3	78.8	1.3	1097.5	3.0
609	606	35500	1015.9	178.6	---	27.8	265.0	35.6	---	174.2	78.8	1.2	1088.8	2.8
610	606	40000	1014.8	177.8	---	26.1	267.4	35.0	1717.9	173.5	78.7	1.3	1088.1	2.6
611	606	40500	1013.3	177.5	---	27.4	271.3	34.9	---	172.7	78.8	1.2	1097.5	2.4
612	606	41000	1015.5	176.6	---	29.1	269.2	33.9	---	170.8	78.6	1.2	1077.1	2.6
613	606	41500	1019.9	175.0	---	26.5	273.2	33.3	---	168.3	78.9	1.3	1048.5	2.4
614	606	42000	1015.9	175.4	---	28.8	270.7	33.7	---	168.3	78.6	1.2	1059.3	2.1
615	606	42500	1016.7	175.1	---	28.3	270.7	33.3	---	167.3	78.5	1.3	1046.6	2.5
616	606	43000	1019.9	176.7	2667.0	28.5	270.1	33.0	1763.6	165.4	78.6	1.2	1051.5	2.8
617	606	43500	1013.3	177.9	---	28.2	270.1	32.7	---	166.2	79.1	1.8	1064.4	4.6
618	606	44000	1013.3	178.2	---	29.7	269.8	33.8	---	168.8	78.7	2.3	1107.0	4.2
619	606	44500	1013.1	178.3	---	31.3	269.3	34.9	---	170.8	78.2	2.1	1100.0	3.2
620	606	45000	1012.3	178.5	---	30.9	268.8	34.0	---	171.4	78.1	1.9	1115.5	3.4
621	606	45500	1011.2	178.6	---	30.9	267.9	34.6	---	172.6	78.0	1.8	1139.8	2.9
622	606	50000	1012.1	178.5	---	29.7	267.4	36.1	1809.0	173.2	77.5	1.6	1072.7	3.2
623	606	50500	1013.1	178.5	---	29.7	268.4	34.8	---	173.6	77.6	1.5	1066.3	2.9
624	606	51000	1011.2	178.5	---	29.7	268.5	34.9	---	173.9	77.8	1.5	1063.3	2.7
625	606	51500	1009.7	178.5	---	30.0	268.6	35.4	---	174.0	77.8	1.4	1067.6	2.7
626	606	52000	1010.8	178.5	---	30.2	267.6	34.9	---	174.0	77.8	1.3	1061.2	2.9
627	606	52500	1016.1	178.6	---	30.1	267.4	34.7	---	174.0	77.7	1.3	1060.6	2.9
628	606	53000	1010.8	178.6	---	28.4	267.5	34.9	1854.5	174.2	77.7	1.3	1070.1	2.6
629	606	53500	1009.7	178.7	---	28.6	268.1	34.9	---	174.4	77.8	1.4	1066.5	3.0
630	606	54000	1008.5	178.7	---	28.5	267.6	35.0	---	174.4	77.9	1.5	1063.8	2.8
631	606	54500	1008.7	178.5	---	28.6	267.9	34.3	---	173.6	77.9	1.6	1047.2	2.3
632	606	55000	1009.7	178.6	---	28.1	266.2	34.2	---	173.5	77.9	1.6	1053.4	2.6
633	606	55500	1006.6	178.6	---	28.3	266.2	34.7	---	173.7	77.9	1.5	1050.4	2.4
634	606	60000	1007.6	178.6	---	28.0	267.0	34.7	1900.1	173.9	77.6	1.6	1051.1	2.7
635	606	60500	1002.3	178.7	---	28.9	267.4	34.2	---	174.0	77.8	2.4	1043.0	2.8
636	606	61000	1004.2	178.7	---	29.8	267.0	34.6	---	174.0	77.9	2.9	1035.2	2.8
637	606	61500	1006.4	178.7	---	28.8	267.6	35.5	---	174.1	77.8	1.5	1039.6	2.4
638	606	62000	1005.5	178.6	---	29.6	267.5	35.0	---	174.3	77.9	1.5	1036.7	2.6
639	606	62500	1005.3	177.8	---	27.5	268.6	32.9	---	170.2	78.1	1.5	1007.2	2.3
640	606	63000	1004.2	177.4	---	25.0	281.7	31.8	1945.4	165.9	78.1	1.5	1710.0	2.0
641	606	63500	1007.0	177.9	---	30.5	274.5	32.5	---	167.7	78.4	1.6	1223.1	5.1
642	606	64000	1003.2	177.9	---	30.2	270.3	32.9	---	168.7	78.2	1.6	1139.2	5.4
643	606	64500	1001.3	177.8	---	30.0	272.0	32.6	---	168.3	77.9	1.5	1130.3	4.8
644	606	65000	1001.5	178.1	---	29.9	270.3	32.9	---	170.1	77.8	1.6	1130.3	3.0
645	606	65500	1001.1	178.3	---	29.6	268.2	33.3	---	170.9	77.6	1.6	1108.5	2.8
646	606	70000	1000.8	178.4	3065.9	28.1	268.1	33.9	1990.5	172.4	77.8	1.6	1103.8	3.1
647	606	70500	999.4	178.4	---	27.8	269.6	34.1	---	173.2	77.7	1.6	1098.1	3.0
648	606	71000	998.5	178.4	---	28.5	270.0	34.8	---	173.8	77.8	1.7	1243.9	2.9
649	606	71500	998.7	178.4	---	29.8	268.9	34.2	---	174.1	77.8	1.6	1668.6	3.2
650	606	72000	996.6	178.5	---	29.7	268.6	34.2	---	174.2	77.8	1.5	1238.8	-1.8
651	606	72500	997.7	178.6	---	29.6	268.0	34.0	---	174.4	77.8	1.6	1178.2	3.8
652	606	73000	994.1	178.7	---	29.1	267.5	34.4	2035.8	174.7	77.9	1.6	1151.1	3.4
653	606	73500	985.2	178.9	---	28.6	268.0	34.2	---	174.8	78.0	1.6	1136.0	2.9
654	606	74000	995.3	179.0	---	28.3	269.1	34.2	---	174.8	78.2	1.5	1127.1	2.7
655	606	74500	995.8	179.0	---	28.4	270.1	33.9	---	175.1	78.5	1.6	1177.1	2.8
656	606	75000	998.9	179.1	---	28.7	270.3	34.0	---	175.4	78.8	1.6	1210.8	2.4
657	606	75500	996.4	179.1	---	29.2	270.4	34.0	---	175.5	79.0	1.6	1213.8	2.8
658	606	80000	996.2	179.2	---	29.7	270.2	34.0	2080.9	175.5	78.7	1.7	1218.4	3.0
659	606	83000	993.0	180.0	---	29.5	270.0	34.1	2125.9	178.2	80.0	2.8	-1923.1	1.3
660	606	90000	989.8	180.0	---	29.5	270.0	33.8	2170.8	178.3	80.0	2.8	-2300.0	1.1

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	8bb1	Td	Ts	FDP	Tbng	Sand
661	606	93000	985.2	180.0	***	29.5	270.0	34.3	2215.8	178.3	80.0	2.0	-2321.6	1.3
662	606	100000	983.0	180.0	***	29.5	270.0	33.1	2260.7	177.3	90.0	2.0	-2309.1	.9
663	606	102700	983.0	180.6	---	30.5	285.0	33.9	---	177.9	93.6	2.0	-2335.2	1.0
664	606	102800	981.8	180.9	---	31.2	284.7	33.9	---	178.0	94.1	2.1	-277.3	1.1
665	606	102900	970.5	180.7	---	30.9	283.7	34.2	---	178.4	94.4	2.0	167.0	1.2
666	606	103000	980.7	180.5	***	24.4	283.5	34.0	2305.7	178.3	94.6	2.1	664.8	1.3
667	606	103100	977.3	180.6	---	31.0	284.3	34.3	---	178.2	94.9	2.1	1061.4	1.4
668	606	103138	978.6	180.6	---	32.5	283.2	37.7	---	178.0	94.7	2.0	1060.7	1.6
669	606	103500	978.3	180.6	---	32.1	281.1	34.4	---	178.1	94.2	2.1	1051.6	1.4
670	606	104000	980.7	180.7	---	26.5	280.3	33.9	---	178.1	92.9	2.1	1040.7	1.0
671	606	104500	980.1	180.7	---	33.5	283.6	33.1	---	178.0	92.3	2.0	1036.7	1.0
672	606	105000	975.8	180.7	---	27.2	284.9	33.7	---	178.1	93.1	2.3	1042.2	1.6
673	606	105500	977.8	180.8	---	28.4	284.1	33.8	---	178.1	93.0	2.5	1055.7	1.8
674	606	110000	976.7	180.8	***	26.2	283.6	34.0	2350.0	178.4	92.7	2.2	1062.5	1.2
675	606	110500	835.2	181.1	---	41.8	284.6	42.7	---	178.8	91.8	1.7	941.1	1.6
676	606	111000	768.4	181.6	---	41.5	284.9	45.0	---	178.0	91.0	1.6	916.9	1.0
677	606	111500	746.6	182.0	---	42.8	285.1	47.6	---	178.8	90.6	1.5	907.0	.8
678	606	112000	738.8	182.4	---	44.8	286.0	47.0	---	179.4	90.0	1.5	855.9	1.1
679	606	112500	727.8	182.9	---	37.3	286.5	48.5	---	180.1	89.9	1.6	822.0	1.0
680	606	113000	724.2	183.2	3717.1	43.1	288.0	48.5	2410.5	180.5	90.2	1.6	809.7	1.3
681	606	113500	725.2	183.5	---	44.7	286.5	47.6	---	180.9	89.5	1.7	794.5	.9
682	606	114000	716.1	183.9	---	44.0	286.7	47.7	---	181.1	87.9	1.5	778.0	1.3
683	606	114500	710.8	184.5	---	39.3	285.9	47.7	---	181.5	88.1	1.5	766.1	1.2
684	606	115000	705.3	184.6	---	42.5	284.7	47.1	---	181.5	87.8	1.7	746.0	1.2
685	606	115500	698.9	186.3	---	42.5	286.1	46.1	---	180.4	86.1	1.7	710.6	.2
686	606	120000	693.9	186.8	3784.7	39.1	282.2	44.9	2467.9	180.1	84.8	1.9	704.0	.4
687	606	120500	688.6	187.2	---	42.0	280.0	45.5	---	180.9	84.1	1.7	706.6	1.0
688	606	121000	687.9	187.5	---	43.8	278.2	45.6	---	181.4	83.7	1.7	696.6	.1
689	606	121500	687.1	188.0	---	43.2	274.0	46.1	---	181.7	83.6	1.6	698.3	.3
690	606	122000	687.3	188.5	---	37.4	276.8	46.3	---	182.6	85.1	1.6	693.0	.6
691	606	122500	687.1	188.1	---	54.2	280.5	45.0	---	183.1	87.5	1.6	686.7	.5
692	606	123000	684.5	188.0	3857.5	40.1	281.1	45.8	2524.0	183.5	89.6	1.6	680.9	1.7
693	606	123500	680.7	187.7	---	47.2	279.7	45.6	---	183.7	91.6	1.8	684.5	.9
694	606	124000	683.3	187.8	---	43.1	278.9	45.5	---	184.1	92.4	1.9	680.5	1.3
695	606	124500	676.7	187.8	---	44.7	279.0	45.1	---	184.4	93.9	2.2	677.3	1.5
696	606	125000	673.7	188.0	---	44.5	278.5	44.9	---	184.5	93.9	2.1	684.1	1.6
697	606	125500	671.2	188.4	---	38.6	276.6	45.2	---	184.7	93.1	2.4	692.4	1.6
698	606	130000	669.7	189.4	3922.8	40.7	264.0	43.0	2579.6	181.7	90.4	3.2	697.5	.8
699	606	130500	666.7	189.7	---	37.1	247.2	42.8	---	182.3	86.9	2.8	941.1	-.0
700	606	131000	669.3	189.8	---	40.1	236.0	44.7	---	183.2	86.8	2.0	-596.4	.7
701	606	131500	669.7	190.2	---	36.3	282.6	45.1	---	184.0	88.1	1.8	3.8	1.1
702	606	132000	665.9	190.0	---	43.1	279.9	45.4	---	184.5	89.0	1.7	637.7	1.5
703	606	132500	663.8	191.2	---	39.8	278.6	45.1	---	184.8	88.9	1.8	645.3	-3.1
704	606	133000	664.0	191.5	3987.8	40.2	278.5	45.0	2635.1	184.9	88.4	1.9	641.9	1.3
705	606	133500	664.7	191.6	---	40.1	278.1	44.8	---	185.0	86.6	1.9	639.4	1.1
706	606	134000	662.1	191.8	---	42.4	277.0	43.7	---	184.9	86.0	2.0	636.9	.9
707	606	134500	662.9	192.0	---	39.8	276.3	44.6	---	185.0	84.4	2.1	635.8	1.5
708	606	135000	661.4	191.9	---	36.7	275.0	43.4	---	182.3	83.1	1.9	636.0	1.3
709	606	135500	663.1	192.1	---	37.7	275.0	42.8	---	181.6	81.9	1.9	632.4	1.6
710	606	140000	665.9	192.4	***	41.3	275.0	43.8	2690.0	183.4	81.8	2.0	627.5	.9
711	606	140500	658.7	192.6	---	41.9	275.0	43.4	---	184.4	82.1	1.9	625.0	1.6
712	606	141000	658.3	192.8	---	42.3	275.0	43.6	---	185.2	82.4	2.0	625.2	1.6
713	606	141500	660.2	193.2	---	41.8	275.0	44.4	---	185.8	84.1	2.0	625.8	1.7
714	606	142000	654.4	192.2	---	41.8	275.0	44.5	---	186.1	86.5	2.1	622.7	2.1
715	606	142500	655.3	192.6	---	40.8	275.0	44.7	---	186.4	88.1	2.0	619.1	2.3

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
716	606	143000	652.8	191.8	***	36.9	275.0	44.5	2744.5	186.5	88.6	2.1	616.7	2.2
717	606	143500	651.1	191.9	---	45.1	275.0	43.6	---	186.6	88.9	2.0	614.4	1.6
718	606	144000	651.9	191.8	---	39.9	275.0	43.9	---	187.1	89.3	2.0	613.3	2.0
719	606	144500	651.9	191.7	---	40.1	275.0	43.5	---	187.5	89.8	2.1	612.7	2.4
720	606	145000	649.4	191.8	---	37.3	275.0	43.5	---	187.7	91.5	2.2	612.9	2.5
721	606	145500	651.5	191.7	---	34.8	275.0	44.2	---	188.0	92.6	2.3	608.3	1.3
722	606	150000	648.3	191.7	4229.2	39.7	275.0	44.3	2798.8	187.8	90.5	2.0	612.3	2.3
723	606	150500	644.3	191.8	---	44.6	275.0	43.6	---	188.0	89.3	2.4	613.1	2.2
724	606	151000	642.8	192.6	---	41.5	275.0	43.6	---	188.0	88.5	2.6	612.1	2.7
725	606	151500	644.7	193.4	---	36.5	275.0	43.8	---	187.3	88.6	2.5	609.3	4.2
726	606	152000	642.6	193.2	---	38.0	275.0	43.9	---	187.5	87.7	2.4	607.8	2.9
727	606	152500	641.7	192.7	---	38.9	275.0	43.7	---	187.8	87.3	2.1	606.1	2.8
728	606	153000	643.2	192.9	4300.3	34.9	275.0	43.6	2852.7	187.3	86.4	2.1	605.5	3.7
729	606	153500	641.5	193.5	---	39.3	275.0	42.4	---	186.6	84.4	2.1	602.8	2.9
730	606	154000	640.3	193.6	---	40.1	275.0	43.7	---	187.6	84.9	2.1	600.0	2.8
731	606	154500	640.5	193.5	---	38.8	275.0	43.8	---	188.2	85.1	2.1	600.6	3.6
732	606	155000	640.9	194.3	---	38.5	275.0	43.7	---	188.2	85.4	2.0	599.6	3.5
733	606	155500	639.0	194.0	---	39.4	275.0	43.4	---	188.9	84.8	2.1	601.1	3.5
734	606	160000	639.2	194.4	4368.2	42.1	275.0	42.7	2906.5	188.4	86.0	2.0	599.8	3.4
735	606	160500	639.8	193.9	---	37.7	275.0	42.8	---	188.8	87.7	2.1	600.2	3.5
736	606	161000	638.8	193.2	---	36.7	275.0	43.8	---	188.6	88.7	2.1	600.0	3.1
737	606	161500	637.7	193.3	---	36.9	275.0	43.7	---	188.9	90.3	2.3	600.8	3.2
738	606	162000	639.4	193.6	---	39.9	275.0	42.3	---	188.5	91.5	2.2	599.8	2.9
739	606	162500	637.1	193.2	---	40.7	275.0	43.2	---	189.5	92.5	2.2	598.3	2.7
740	606	163000	637.5	193.3	4433.4	40.4	275.0	43.1	2960.1	189.9	95.0	2.2	601.9	2.5
741	606	163500	637.7	193.3	---	39.7	275.0	41.8	---	189.8	97.8	2.3	597.0	2.0
742	606	164000	636.7	193.6	---	38.3	275.0	43.5	---	189.7	95.2	2.7	595.1	2.1
743	606	164500	635.8	193.8	---	37.4	275.0	43.4	---	189.5	91.4	3.1	591.5	1.4
744	606	165000	636.2	193.9	---	39.4	275.0	43.5	---	189.4	90.4	3.3	590.9	.7
745	606	165500	636.0	194.0	---	39.1	275.0	42.5	---	189.5	90.2	3.6	591.1	1.7
746	606	170000	636.2	194.0	4498.6	37.8	275.0	42.4	3013.6	189.7	90.6	3.8	590.9	2.4
747	606	170500	634.3	194.0	---	38.3	275.0	43.3	---	189.9	91.2	4.2	589.2	.4
748	606	171000	633.7	194.0	---	38.3	275.0	42.9	---	189.8	91.3	4.0	588.8	1.2
749	606	171500	634.1	194.1	---	37.9	275.0	42.4	---	189.7	91.4	3.3	588.1	1.5
750	606	172000	631.8	194.1	---	38.1	275.0	42.3	---	190.0	92.2	3.6	587.9	1.8
751	606	172500	636.2	194.1	---	38.0	275.0	43.1	---	190.0	93.3	3.3	587.7	1.4
752	606	173000	631.8	194.1	4576.0	38.9	275.0	42.7	3066.9	189.8	93.9	2.8	587.5	1.2
753	606	173500	631.6	194.2	---	41.4	275.0	42.3	---	189.8	93.6	3.5	588.1	1.7
754	606	174000	631.6	194.2	---	40.0	275.0	41.3	---	189.8	94.1	3.0	587.7	1.7
755	606	174500	623.1	194.3	---	35.4	275.0	42.9	---	190.0	95.0	2.7	587.3	1.6
756	606	175000	630.5	194.4	---	36.8	275.0	43.1	---	190.0	94.1	3.2	587.5	1.3
757	606	175500	629.2	194.5	---	39.9	275.0	42.7	---	190.1	92.5	3.2	587.3	1.3
758	606	180000	629.7	194.5	4655.0	40.0	275.0	41.2	3119.9	189.9	92.1	2.7	586.9	1.5
759	606	180500	630.1	194.5	---	40.2	275.0	42.0	---	190.4	91.5	2.9	587.5	1.8
760	606	181000	620.3	194.5	---	37.6	275.0	42.6	---	190.4	91.5	3.1	587.3	1.9
761	606	181500	630.7	194.7	---	36.4	275.0	43.0	---	190.5	91.9	3.1	586.9	1.9
762	606	182000	629.7	194.7	---	36.3	275.0	42.6	---	190.5	91.7	2.9	584.7	1.9
763	606	182500	628.2	194.7	---	38.2	275.0	41.9	---	190.5	91.4	4.2	588.8	2.2
764	606	183000	629.2	194.7	***	38.8	275.0	42.9	3173.0	190.8	92.0	4.3	586.2	2.1
765	606	183500	628.2	194.7	---	39.1	275.0	42.6	---	190.8	92.1	3.2	587.3	2.2
766	606	184000	628.6	194.8	---	41.3	275.0	42.7	---	190.9	92.6	4.1	587.1	2.4
767	606	184500	628.6	194.8	---	38.3	275.0	42.0	---	190.6	93.0	4.0	587.3	2.3
768	606	185000	626.9	194.8	---	35.8	275.0	42.6	---	190.7	93.4	4.1	586.2	1.9
769	606	185500	627.8	194.9	---	34.1	275.0	42.9	---	190.8	92.9	3.9	585.8	2.3
770	606	190000	629.4	194.9	***	40.9	275.0	42.5	3225.8	190.9	91.7	4.2	584.7	2.5

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Band
771	606	190500	625.6	195.0	---	35.5	275.0	43.8	---	191.0	90.8	4.6	584.5	2.3
772	606	191000	626.9	195.0	---	35.6	275.0	43.2	---	191.1	90.8	4.5	582.4	2.2
773	606	191500	623.5	195.0	---	38.0	275.0	42.3	---	191.1	89.5	4.9	581.6	2.2
774	606	192000	625.4	195.1	---	41.0	275.0	41.6	---	190.9	88.9	4.9	579.2	2.4
775	606	192500	623.1	195.2	---	36.6	275.0	42.6	---	191.3	88.7	4.7	579.7	2.0
776	606	193000	623.5	195.2	---	36.0	275.0	42.9	3278.6	191.4	88.3	4.6	579.4	2.3
777	606	193500	626.7	195.2	---	36.2	275.0	43.3	---	191.5	87.7	4.3	577.8	2.3
778	606	194000	621.4	195.2	---	36.6	275.0	43.2	---	191.5	86.9	4.3	578.2	2.1
779	606	194500	621.8	195.2	---	39.8	275.0	42.5	---	191.3	86.6	4.5	577.5	2.2
780	606	195000	618.6	195.4	---	39.0	275.0	42.8	---	191.4	86.8	4.4	576.5	2.1
781	606	195500	622.9	195.5	---	37.9	275.0	42.6	---	191.5	85.2	3.5	578.6	2.1
782	606	200000	622.2	195.5	---	44.0	275.0	41.6	3331.0	191.3	84.6	4.0	576.9	2.4
783	606	200500	621.8	195.5	---	36.2	275.0	42.6	---	191.6	84.4	4.3	576.3	2.2
784	606	201000	621.2	195.5	---	37.1	275.0	42.7	---	191.7	83.9	4.4	576.7	3.0
785	606	201500	620.1	195.5	---	37.4	275.0	42.7	---	191.7	83.6	4.3	577.1	2.4
786	606	202000	620.1	195.5	---	38.9	275.0	42.8	---	191.7	83.2	4.3	576.1	2.6
787	606	202500	626.7	195.5	---	38.8	275.0	42.7	---	191.7	82.9	5.2	576.5	2.4
788	606	203000	619.9	195.6	5057.9	38.5	275.0	42.7	3383.6	191.6	82.9	5.3	577.1	2.2
789	606	203500	619.1	195.6	---	38.4	278.4	42.6	---	191.5	82.7	4.0	575.8	-2.7
790	606	204000	619.5	195.7	---	38.3	277.9	42.6	---	191.5	82.2	3.6	576.5	2.5
791	606	204500	626.9	195.7	---	38.8	275.4	42.5	---	191.6	81.9	3.5	575.8	2.3
792	606	205000	613.6	195.8	---	38.9	274.3	42.2	---	191.7	81.6	3.9	576.1	3.0
793	606	205500	618.6	195.8	---	39.1	272.4	41.7	---	191.5	81.2	4.1	577.8	2.5
794	606	210000	616.5	195.9	---	38.1	271.3	42.6	3435.8	191.8	80.9	4.3	577.3	2.3
795	606	210500	616.9	195.8	---	38.0	271.4	42.6	---	191.9	80.8	4.2	579.7	2.2
796	606	211000	616.9	195.9	---	37.1	271.4	42.8	---	192.0	80.6	4.5	581.8	2.3
797	606	211500	615.3	195.9	---	37.5	272.2	42.8	---	192.0	80.3	4.7	581.6	2.3
798	606	212000	616.9	196.0	---	37.3	272.5	43.0	---	192.0	80.0	5.0	578.8	2.3
799	606	212500	615.7	196.1	---	38.2	273.7	42.6	---	192.0	80.0	5.2	580.1	2.2
800	606	213000	618.0	196.1	---	39.2	273.6	42.5	3488.0	192.0	79.7	5.5	576.5	2.2
801	606	213500	614.8	196.3	---	39.3	273.6	42.5	---	192.0	79.7	5.3	577.1	2.8
802	606	214000	614.4	196.2	---	38.8	271.7	42.5	---	192.0	79.7	4.9	577.1	2.6
803	606	214500	616.3	196.3	---	38.3	270.4	42.6	---	192.0	79.5	4.9	577.1	2.5
804	606	215000	614.0	196.4	---	38.1	271.1	42.6	---	192.0	79.4	5.2	576.7	2.5
805	606	215500	614.0	196.5	---	38.3	271.7	42.5	---	192.0	79.3	5.2	575.4	2.4
806	606	220000	613.8	196.5	---	38.0	271.7	41.5	3540.1	191.8	79.1	5.1	575.2	2.5
807	606	220500	614.8	196.5	---	37.9	270.3	42.5	---	192.2	78.5	5.3	575.2	3.6
808	606	221000	606.6	196.5	---	37.7	270.0	42.5	---	192.3	78.8	5.8	573.3	2.6
809	606	221500	615.3	196.5	---	37.0	270.4	42.3	---	192.2	78.8	5.6	575.2	2.9
810	606	222000	614.0	196.6	---	36.9	271.2	42.7	---	192.3	78.6	5.8	576.7	2.9
811	606	222500	612.7	196.6	---	37.5	272.2	42.6	---	192.2	78.4	6.2	574.8	3.0
812	606	223000	613.3	196.7	---	39.5	271.9	42.6	3592.1	192.3	78.6	6.5	574.8	3.4
813	606	223500	613.6	196.6	---	38.7	271.2	42.5	---	192.3	78.2	7.0	575.2	3.1
814	606	224000	612.5	196.7	---	38.7	269.2	42.9	---	192.3	78.2	6.9	573.1	2.8
815	606	224500	616.7	196.7	---	36.9	269.0	42.5	---	192.4	77.9	6.8	574.6	4.4
816	606	225000	613.3	196.8	---	36.8	269.4	42.6	---	192.3	78.0	7.1	574.4	3.2
817	606	225500	612.7	196.8	---	36.6	270.4	42.6	---	192.4	78.0	7.3	572.2	3.9
818	606	230000	612.3	196.7	---	36.9	270.7	42.5	3644.1	192.3	77.8	7.3	574.4	3.6
819	606	230500	612.1	196.8	---	37.3	271.4	42.5	---	192.3	77.8	6.9	573.7	3.6
820	606	231000	608.7	196.8	---	37.4	272.0	42.5	---	192.4	77.8	5.1	572.5	3.6
821	606	231500	609.1	196.9	---	38.2	271.4	41.8	---	192.2	77.8	4.8	573.5	3.6
822	606	232000	616.3	196.9	---	37.9	269.9	42.1	---	192.5	77.6	3.7	570.3	3.5
823	606	232500	611.4	197.0	---	37.5	268.9	42.5	---	192.5	77.2	3.8	571.8	3.3
824	606	233000	610.0	197.0	---	37.1	268.7	42.5	3696.0	192.5	77.4	4.5	571.6	3.8
825	606	233500	609.5	197.0	---	37.5	269.6	42.5	---	192.5	77.4	4.8	572.0	3.6

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
826	606	234000	614.6	197.0	---	37.5	270.2	42.5	---	192.5	77.4	5.6	567.2	3.7
827	606	234500	604.4	197.0	---	38.0	270.8	42.5	---	192.5	77.1	6.4	566.9	3.5
828	606	235000	609.7	197.0	---	38.1	271.0	42.5	---	192.5	77.0	7.2	570.3	4.7
829	606	235500	607.8	197.0	---	38.4	269.5	42.5	---	192.5	76.9	7.7	565.7	3.8
830	607	0	607.6	197.0	---	36.9	268.1	42.6	3747.6	192.5	77.0	7.7	566.1	3.9
831	607	500	603.0	197.1	---	36.1	268.6	42.7	---	192.5	77.0	8.4	568.2	4.9
832	607	1000	612.5	197.0	---	36.1	269.2	42.6	---	192.5	77.2	9.3	565.5	3.6
833	607	1500	607.2	197.1	---	38.1	270.8	42.5	---	192.5	77.4	9.4	565.5	3.6
834	607	2000	606.6	197.1	---	39.2	270.7	42.1	---	192.5	77.4	9.9	563.8	3.9
835	607	2500	607.6	197.1	---	39.1	268.6	42.4	---	192.5	77.1	10.9	566.5	3.7
836	607	3000	606.4	197.1	---	36.4	268.2	42.4	3799.2	192.6	77.5	10.7	564.8	3.3
837	607	3500	605.5	197.1	---	35.7	270.8	41.9	---	192.4	77.5	10.3	564.6	3.7
838	607	4000	605.5	197.1	---	35.6	269.8	42.3	---	192.7	77.4	9.2	564.4	3.7
839	607	4500	607.4	197.1	---	37.3	271.1	42.4	---	192.5	77.5	9.3	562.9	3.7
840	607	5000	604.2	197.1	---	39.4	270.3	41.7	---	192.6	77.2	9.8	563.6	3.8
841	607	5500	615.3	197.2	---	38.8	268.6	41.6	---	192.6	77.0	10.6	563.8	3.6
842	607	10000	603.4	197.2	---	35.3	268.0	42.5	3850.8	192.7	77.3	10.9	562.5	3.9
843	607	10500	603.6	197.2	---	35.3	269.0	42.6	---	192.7	77.2	10.9	563.3	4.1
844	607	11000	601.3	197.2	---	42.1	270.8	41.7	---	192.8	77.3	10.9	562.5	3.6
845	607	11500	593.2	197.2	---	35.4	268.4	42.4	---	192.7	77.1	11.1	561.0	3.6
846	607	12000	600.0	197.3	---	35.3	269.2	42.4	---	192.7	77.3	11.1	559.7	4.0
847	607	12500	600.8	197.2	---	36.9	270.8	42.2	---	192.7	77.2	10.7	561.0	3.8
848	607	13000	601.3	197.3	---	37.9	272.5	42.3	3902.1	192.7	77.5	11.0	562.9	3.2
849	607	13500	601.3	197.2	---	37.8	273.1	41.8	---	192.6	77.4	10.9	560.2	3.6
850	607	14000	604.2	197.2	---	37.7	271.5	41.7	---	192.6	77.2	10.7	560.0	3.7
851	607	14500	598.9	197.3	---	37.8	270.2	41.6	---	192.6	77.3	10.6	559.3	3.8
852	607	15000	600.2	197.4	---	37.5	269.4	41.7	---	192.7	77.3	10.5	561.0	3.9
853	607	15500	599.8	197.4	---	37.6	269.3	41.6	---	192.6	77.3	10.7	558.1	4.5
854	607	20000	599.2	197.4	---	36.8	268.6	41.7	3953.2	192.8	77.5	11.3	559.3	3.7
855	607	20500	595.1	197.4	---	36.8	267.6	41.8	---	192.7	77.5	11.6	560.8	4.0
856	607	21000	599.2	197.4	---	36.4	267.7	41.7	---	192.8	77.7	12.0	555.9	3.9
857	607	21500	587.7	197.3	---	37.1	268.1	41.1	---	192.7	77.8	12.1	558.1	3.9
858	607	22000	592.6	197.4	---	36.7	267.7	41.5	---	192.9	78.0	12.2	555.9	3.7
859	607	22500	598.5	197.4	---	36.4	267.5	41.6	---	192.8	77.9	11.9	554.4	3.6
860	607	23000	597.2	197.4	---	36.4	267.6	41.8	4084.4	192.9	77.8	12.2	553.6	4.1
861	607	23500	597.2	197.4	---	35.5	268.4	41.8	---	192.8	77.9	12.0	554.2	3.8
862	607	24000	596.2	197.4	---	36.4	269.8	41.6	---	192.7	78.0	12.1	553.6	3.7
863	607	24500	592.6	197.4	---	38.2	269.7	41.5	---	192.7	77.9	13.0	551.3	4.1
864	607	25000	593.6	197.4	---	38.5	268.8	41.0	---	192.7	77.8	13.7	551.1	3.6
865	607	25500	587.1	197.4	---	36.7	266.9	41.6	---	192.8	77.8	13.8	553.2	3.6
866	607	30000	593.6	197.4	---	35.2	266.9	41.8	4055.5	192.8	77.7	13.1	550.4	3.6
867	607	30500	593.0	197.4	---	35.3	267.0	42.0	---	192.8	77.6	13.0	554.7	2.3
868	607	31000	592.4	197.5	---	40.0	268.1	41.3	---	192.7	77.7	13.6	550.8	3.6
869	607	31500	593.6	197.4	---	35.5	265.9	41.7	---	192.8	77.7	14.5	551.7	3.3
870	607	32000	587.9	197.5	---	35.5	266.2	41.7	---	192.8	77.6	14.8	550.6	3.4
871	607	32500	591.1	197.5	---	35.4	267.3	41.7	---	192.9	77.5	15.4	550.2	4.2
872	607	33000	590.7	197.5	---	36.6	267.9	41.4	4186.4	192.7	77.6	15.3	551.3	2.7
873	607	33500	592.6	197.5	---	36.8	267.7	41.2	---	192.8	77.1	15.0	550.6	3.2
874	607	34000	591.5	197.5	---	37.2	267.5	41.4	---	192.8	77.3	15.2	551.3	3.0
875	607	34500	592.8	197.5	---	37.2	267.6	41.3	---	192.8	77.5	15.1	550.4	3.2
876	607	35000	589.6	197.5	---	37.2	267.7	41.2	---	192.9	77.3	15.2	547.7	3.3
877	607	35500	591.7	197.5	---	37.2	267.6	41.3	---	192.9	77.4	15.9	551.1	3.4
878	607	40000	589.0	197.5	---	36.7	266.5	41.0	4157.3	192.8	77.4	16.2	550.4	3.7
879	607	40500	590.0	197.5	---	36.2	265.7	41.0	---	193.1	77.7	15.9	550.2	3.1
880	607	41000	590.0	197.6	---	35.8	265.9	41.3	---	193.1	77.6	16.3	550.0	3.5

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	TW	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
881	607	41500	590.3	197.6	---	35.7	265.1	41.4	---	193.1	77.5	16.0	550.0	3.2
882	607	42000	589.2	197.6	---	35.8	266.4	41.3	---	193.1	77.5	15.2	550.0	3.7
883	607	42500	590.0	197.6	---	36.3	267.3	41.3	---	193.0	77.3	15.0	548.9	3.7
884	607	43000	590.7	197.7	***	37.7	266.8	41.4	4208.1	193.1	77.3	15.3	550.0	2.8
885	607	43500	589.0	197.5	---	37.4	265.8	41.3	---	193.1	77.5	14.7	549.4	3.7
886	607	44000	589.8	197.6	---	37.6	265.1	41.3	---	193.8	77.7	13.6	551.5	3.6
887	607	44500	585.8	197.6	---	37.3	265.0	41.3	---	193.1	77.6	12.9	543.9	3.2
888	607	45000	588.6	197.7	---	37.2	265.0	41.3	---	193.1	77.6	12.5	550.0	3.9
889	607	45500	590.3	197.6	---	37.6	265.1	41.4	---	193.1	77.5	12.4	549.6	4.0
890	607	50000	578.2	197.5	***	37.4	264.9	41.3	4258.8	192.9	77.2	11.2	547.0	3.8
891	607	50500	590.0	197.5	---	36.8	264.5	41.3	---	193.1	77.2	8.6	550.4	3.7
892	607	51000	589.4	197.6	---	36.7	263.8	41.3	---	193.1	77.5	7.4	550.0	3.5
893	607	51500	592.8	197.6	---	36.2	263.7	41.6	---	193.1	77.4	7.8	549.8	3.8
894	607	52000	584.3	197.7	---	36.0	264.6	41.3	---	193.1	77.3	9.6	553.0	4.0
895	607	52500	587.7	197.7	---	36.0	264.9	41.3	---	193.2	77.4	8.7	550.4	4.0
896	607	53000	591.5	197.7	***	36.4	265.0	41.5	4389.5	192.9	77.4	8.1	549.6	3.3
897	607	53500	588.1	197.6	---	36.2	264.9	40.7	---	192.9	77.3	7.4	554.4	4.3
898	607	54000	585.6	197.7	---	35.9	263.9	41.3	---	193.3	77.5	7.7	549.6	4.1
899	607	54500	588.1	197.7	---	35.9	263.8	41.0	---	193.2	77.2	9.6	549.6	4.0
900	607	55000	586.8	197.7	---	36.8	264.4	41.3	---	193.2	77.5	9.8	548.9	4.0
901	607	55500	587.9	197.7	---	39.6	264.9	41.3	---	193.2	77.6	9.5	549.2	3.7
902	607	60000	587.9	197.8	***	35.2	263.7	41.5	4360.2	193.3	77.6	8.8	543.9	4.2
903	607	60500	588.3	197.7	---	35.6	263.7	41.4	---	193.3	77.6	8.7	548.7	3.9
904	607	61000	586.7	197.7	---	35.5	264.2	41.3	---	193.3	77.5	9.0	546.0	4.0
905	607	61500	585.4	197.8	---	35.9	265.5	41.3	---	193.2	77.5	9.1	541.5	4.3
906	607	62000	584.1	197.7	---	36.9	265.9	41.3	---	193.1	77.6	8.1	544.7	4.1
907	607	62500	591.3	197.8	---	37.1	265.6	41.1	---	193.2	77.3	7.8	542.2	4.1
908	607	63000	586.4	197.8	***	37.1	264.7	40.7	4418.6	193.1	77.5	7.6	545.6	3.6
909	607	63500	584.3	197.9	---	35.8	263.7	41.0	---	193.3	77.5	8.6	546.0	4.3
910	607	64000	592.2	197.8	---	35.0	263.8	41.3	---	193.5	77.5	9.7	544.1	3.9
911	607	64500	583.9	197.8	---	35.2	263.8	41.8	---	193.4	77.9	11.6	543.9	4.3
912	607	65000	587.7	197.8	---	35.3	265.4	41.1	---	193.5	78.3	12.9	543.6	4.0
913	607	65500	585.4	197.7	---	37.4	267.2	41.2	---	193.5	78.7	11.2	542.4	4.2
914	607	70000	583.9	197.8	***	37.4	266.4	41.2	4461.1	193.4	79.0	12.0	541.7	4.0
915	607	70500	586.4	197.8	---	36.7	264.6	41.3	---	193.5	79.1	14.7	540.5	3.5
916	607	71000	580.3	197.8	---	34.8	265.3	41.1	---	193.4	79.3	13.7	541.7	2.9
917	607	71500	584.3	197.8	---	34.9	266.2	41.2	---	193.3	79.5	13.7	541.9	3.7
918	607	72000	585.2	197.7	---	34.9	266.6	41.3	---	193.2	80.2	13.5	540.0	3.5
919	607	72500	580.5	197.6	---	38.3	267.5	41.1	---	193.3	79.8	12.7	539.4	3.5
920	607	73000	583.7	197.7	***	39.1	266.1	40.8	4511.4	193.3	80.3	11.9	541.9	3.6
921	607	73500	584.1	197.5	---	34.6	265.3	40.3	---	193.2	80.4	10.9	530.1	4.3
922	607	74000	583.9	197.6	---	33.6	266.3	41.2	---	193.5	80.8	10.7	540.5	3.8
923	607	74500	578.2	197.5	---	38.1	267.3	40.7	---	193.4	81.1	8.8	538.3	3.6
924	607	75000	581.1	197.5	---	37.9	265.6	41.0	---	193.2	81.2	7.6	539.4	3.9
925	607	75500	581.1	197.5	---	35.0	265.5	41.2	---	193.3	81.1	7.2	538.3	3.9
926	607	80000	580.7	197.5	***	35.1	265.8	32.2	4561.8	191.2	81.3	4.0	538.6	4.6
927	607	80500	579.7	197.5	---	33.8	266.6	16.1	---	180.6	81.3	3.1	529.9	3.2
928	607	81000	580.9	197.6	---	41.6	267.3	10.6	---	170.9	81.3	3.0	538.6	3.4
929	607	81500	583.9	197.6	---	35.2	266.4	8.2	---	160.3	81.4	3.1	538.3	3.4
930	607	82000	582.6	197.6	---	35.2	266.9	7.0	---	150.1	81.6	3.1	539.6	3.4
931	607	82500	581.4	197.8	---	35.5	267.5	6.3	---	141.9	81.4	3.1	537.3	3.0
932	607	83000	579.2	197.8	***	35.6	267.8	5.9	4611.8	134.8	81.3	3.1	537.3	3.2
933	607	83500	579.9	197.8	---	35.3	268.2	5.2	---	128.7	81.3	3.0	538.1	3.1
934	607	84000	579.2	197.8	---	35.4	268.3	5.2	---	123.4	81.4	2.9	537.5	3.0
935	607	84500	579.4	197.8	---	35.3	268.2	4.8	---	118.4	81.2	2.9	537.3	3.4

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
936	607	85000	581.4	197.8	---	35.6	268.6	4.3	---	113.8	81.2	2.7	537.3	3.8
937	607	85500	579.4	197.8	---	35.6	269.1	3.8	---	109.7	81.5	2.6	534.3	3.5
938	607	90000	578.4	197.7	7254.0	26.3	270.8	3.8	4662.2	106.6	82.4	2.6	537.7	2.9
939	607	90044	576.6	197.7	---	39.1	272.5	3.8	---	105.1	82.4	2.5	537.5	3.0
940	607	90500	576.8	197.8	---	37.9	271.7	4.7	---	103.4	82.0	2.5	540.4	2.7
941	607	91000	574.4	198.7	---	35.0	272.6	3.2	---	100.5	81.1	2.4	538.8	2.2
942	607	91500	577.1	199.1	---	37.3	270.8	2.6	---	95.6	79.6	2.4	537.3	2.2
943	607	92000	577.3	199.3	---	34.8	270.8	2.5	---	91.1	78.7	2.4	537.3	2.3
944	607	92500	576.3	199.6	---	35.0	270.8	2.4	---	88.0	78.7	2.4	535.8	1.9
945	607	93000	577.1	199.7	***	34.9	270.8	2.4	4711.8	86.2	79.0	2.4	536.9	2.2
946	607	93500	578.2	199.8	---	34.9	270.8	2.4	---	85.4	79.7	2.4	535.0	2.4
947	607	94000	577.8	199.9	---	33.4	270.8	1.9	---	85.3	80.2	2.4	535.6	2.5
948	607	94500	577.1	200.0	---	31.7	270.8	1.8	---	85.6	81.4	2.4	534.5	2.4
949	607	95000	576.7	200.0	---	34.4	270.8	1.8	---	86.7	83.8	2.4	535.4	3.5
950	607	95500	576.9	199.8	---	39.3	270.8	1.8	---	88.9	85.3	2.4	535.0	3.1
951	607	100000	578.0	199.6	***	35.1	270.8	1.7	4761.7	90.5	86.0	2.4	529.2	3.3
952	607	100500	577.3	199.5	---	33.7	270.8	1.7	---	91.5	85.3	2.4	529.7	2.6
953	607	101000	577.5	199.4	---	31.9	270.8	1.7	---	91.9	85.4	2.4	529.7	2.7
954	607	101500	577.5	199.1	---	36.1	270.8	1.7	---	92.3	86.3	2.4	527.1	2.6
955	607	102000	581.1	198.9	---	30.5	270.8	1.8	---	93.2	87.2	2.3	528.6	2.3
956	607	102500	576.1	198.6	---	37.2	270.8	1.7	---	94.6	88.7	2.4	531.4	2.7
957	607	103000	575.4	198.9	***	45.3	270.8	1.9	4810.5	95.9	88.9	2.3	526.3	2.6
958	607	103500	575.0	198.8	---	34.9	270.8	1.8	---	96.2	88.4	2.3	534.1	1.8
959	607	104000	575.2	198.8	---	31.7	270.8	1.5	---	95.9	88.1	2.3	127.1	2.5
960	607	104500	573.9	198.8	---	36.1	270.8	1.6	---	95.8	88.6	2.3	75.2	2.7
961	607	105000	574.6	198.4	---	37.1	270.8	2.1	---	96.3	89.3	2.2	114.2	2.9
962	607	105500	573.9	198.3	---	30.2	270.8	1.5	---	96.7	89.5	2.2	141.9	3.0
963	607	110000	573.3	198.2	***	37.1	270.8	1.6	4860.1	97.6	91.3	2.1	226.9	2.7
964	607	110500	566.1	198.3	---	32.4	270.8	1.7	---	99.0	93.3	2.2	254.4	2.9
965	607	111000	574.8	198.3	---	34.9	270.8	1.8	---	100.7	95.5	2.2	302.3	2.8
966	607	111500	573.7	198.2	---	34.3	270.8	1.7	---	102.3	96.5	2.2	315.0	2.8
967	607	112000	571.8	198.1	---	36.5	270.8	1.4	---	103.5	97.1	2.3	337.1	3.0
968	607	112500	572.2	198.2	---	35.1	270.8	1.7	---	104.6	97.8	2.3	387.7	2.9
969	607	113000	572.7	198.2	***	34.8	270.8	1.8	4909.4	105.9	99.0	2.2	412.1	3.5
970	607	113500	572.7	198.2	---	34.9	270.8	2.0	---	107.0	99.1	2.2	394.3	3.1
971	607	114000	571.4	198.1	---	31.5	270.8	1.6	---	107.1	98.0	2.2	411.2	2.7
972	607	114500	578.4	198.0	---	36.4	270.8	1.6	---	107.1	98.8	2.2	461.2	2.9
973	607	115000	572.7	198.0	---	33.5	270.8	1.6	---	107.3	99.4	2.2	515.7	3.0
974	607	115500	571.4	197.9	---	35.2	270.8	1.7	---	108.4	100.9	2.3	534.1	3.7
975	607	120000	570.6	197.9	***	36.7	270.8	1.5	4958.8	109.3	100.5	2.3	511.4	3.1
976	607	120500	572.0	197.9	---	32.1	270.8	1.4	---	108.8	99.5	2.2	557.8	2.8
977	607	121000	571.6	197.7	---	37.5	270.8	1.5	---	108.4	99.5	2.2	553.0	3.1
978	607	121500	571.0	197.5	---	31.0	270.8	1.4	---	108.4	99.4	2.2	600.0	2.8
979	607	122000	570.1	197.5	---	37.7	270.8	1.4	---	109.1	101.3	2.2	642.2	3.3
980	607	122500	571.0	197.5	---	33.7	270.8	1.5	---	110.6	102.4	2.2	688.6	3.5
981	607	123000	574.2	197.7	***	34.6	270.8	1.4	5008.2	111.5	102.2	2.3	667.4	3.5
982	607	123500	569.7	197.5	---	38.1	270.8	1.4	---	111.8	100.4	2.2	685.7	3.4
983	607	124000	569.9	197.7	---	32.3	270.8	1.3	---	110.0	98.9	2.1	621.6	3.7
984	607	124500	570.3	197.7	---	36.6	270.8	.8	---	108.1	97.8	2.2	613.6	3.4
985	607	125000	571.0	197.7	---	33.2	270.8	1.3	---	106.3	97.6	2.1	640.9	3.6
986	607	125500	567.4	197.7	---	33.3	270.8	1.4	---	105.2	97.8	2.1	644.7	3.3
987	607	130000	564.6	197.6	***	35.6	270.8	1.3	5057.5	104.4	97.4	2.2	617.6	3.2
988	607	130500	564.6	197.5	---	34.5	270.8	1.3	---	103.4	95.8	2.2	576.1	3.7
989	607	131000	555.1	197.6	---	35.5	270.8	1.3	---	101.6	93.4	2.2	532.8	2.9
990	607	131500	572.7	197.5	---	35.5	270.8	1.2	---	99.1	91.3	2.1	507.6	3.8

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
991	607	132000	559.3	197.5	---	30.9	270.0	1.2	---	96.8	89.4	2.1	466.7	4.0
992	607	132500	560.4	197.6	---	33.5	270.0	1.1	---	94.4	87.5	2.1	439.0	2.8
993	607	133000	563.6	198.0	***	33.3	270.0	1.3	5106.7	91.8	84.4	2.1	400.0	2.0
994	607	133500	561.9	198.3	---	32.3	270.0	1.3	---	89.0	83.1	2.1	398.1	2.3
995	607	134000	562.5	198.2	---	32.8	270.0	1.2	---	87.1	81.7	2.1	369.3	2.4
996	607	134500	562.5	198.2	---	34.3	270.0	1.2	---	85.7	81.3	2.0	345.3	2.3
997	607	135000	564.0	198.1	---	34.2	270.0	1.2	---	84.8	81.2	2.1	310.0	2.7
998	607	135500	562.3	198.1	---	34.6	270.0	1.4	---	84.1	81.0	2.0	287.7	2.0
999	607	140000	558.3	198.4	***	34.3	270.0	1.3	5155.8	83.2	80.5	2.0	-104.0	2.2
1000	607	140500	561.4	198.6	---	34.5	270.0	1.3	---	82.7	80.3	2.0	-1427.1	2.1
1001	607	141000	560.8	198.6	---	34.0	270.0	1.3	---	82.5	80.1	2.0	229.0	2.4
1002	607	141500	554.0	198.7	---	34.6	270.0	1.3	---	82.1	79.8	2.0	202.8	2.4
1003	607	142000	560.4	198.6	---	34.3	270.0	1.2	---	82.0	79.5	2.0	181.6	2.3
1004	607	142500	560.4	198.6	---	34.6	270.0	1.1	---	81.9	79.4	2.0	157.2	2.2
1005	607	143000	562.3	198.6	***	34.1	270.0	1.2	5204.8	81.7	79.7	2.1	136.9	2.4
1006	607	143500	562.1	198.5	---	34.1	270.0	1.3	---	81.4	79.4	2.0	121.6	2.2
1007	607	144000	562.1	198.3	---	34.3	270.0	1.2	---	81.2	79.5	2.0	88.6	2.4
1008	607	144500	562.5	198.3	---	34.3	270.0	1.3	---	81.0	79.9	2.0	71.6	3.2
1009	607	145000	561.7	198.4	---	34.1	270.0	1.3	---	81.0	79.3	2.0	69.1	2.3
1010	607	145500	560.6	198.4	---	34.0	270.0	1.3	---	80.9	79.3	2.0	45.3	2.2
1011	607	150000	563.3	198.4	***	32.6	270.0	8.4	5253.9	115.0	79.4	1.4	41.9	2.0
1012	607	150500	561.0	198.4	---	32.8	270.0	41.9	---	189.7	80.3	1.1	56.1	2.1
1013	607	151000	562.1	198.2	---	34.2	270.0	75.7	---	191.4	81.2	2.0	64.8	2.1
1014	607	151500	557.2	198.1	---	35.1	270.0	96.4	---	192.1	82.1	1.2	41.3	2.2
1015	607	152000	558.3	198.1	---	35.1	270.0	102.9	---	192.4	81.0	1.1	31.6	2.2
1016	607	152500	557.8	198.1	---	34.4	270.0	107.6	---	192.6	82.1	1.2	38.1	2.3
1017	607	153000	555.7	197.9	8676.2	32.1	270.0	113.8	5302.9	192.7	82.8	1.2	58.3	2.2
1018	607	153500	560.8	197.7	---	32.8	270.0	118.9	---	192.8	85.2	1.4	165.3	2.0
1019	607	154000	560.8	196.0	---	33.3	270.0	119.8	---	192.8	87.3	1.4	163.8	2.0
1020	607	154500	571.6	195.2	---	35.3	270.0	121.8	---	192.2	87.8	1.5	135.2	2.4
1021	607	155000	565.0	195.8	---	34.0	270.0	123.9	---	191.4	89.1	1.5	185.2	2.6
1022	607	155500	569.1	195.3	---	31.7	270.0	125.9	---	191.3	89.4	1.5	145.1	2.2
1023	607	160000	573.9	194.8	***	35.4	270.0	127.5	5352.3	191.1	88.5	1.4	131.8	2.1
1024	607	160500	568.6	194.7	---	36.8	270.0	129.7	---	190.9	87.2	1.5	124.4	2.1
1025	607	161000	571.6	194.6	---	29.3	270.0	134.1	---	190.6	86.6	1.5	126.1	1.0
1026	607	161500	572.0	194.6	---	34.9	270.0	135.0	---	190.3	86.7	1.5	116.1	2.1
1027	607	162000	571.2	194.5	---	37.6	270.0	136.5	---	190.3	86.1	1.5	104.7	1.6
1028	607	162500	571.4	194.5	---	34.4	270.0	139.0	---	190.3	85.5	1.7	94.3	1.5
1029	607	163000	572.7	194.5	***	31.1	270.0	141.1	5402.1	190.3	85.2	1.7	91.3	2.4
1030	607	163500	572.0	194.5	---	37.8	270.0	142.4	---	190.3	84.8	1.7	85.2	1.6
1031	607	164000	572.9	194.5	---	34.1	270.0	144.5	---	190.2	84.3	1.7	73.1	1.0
1032	607	164500	573.3	194.6	---	33.9	270.0	145.6	---	190.1	84.0	1.8	64.2	.6
1033	607	165000	572.2	194.5	---	35.5	270.0	147.7	---	190.2	83.5	1.8	48.3	1.1
1034	607	165500	572.0	194.5	---	33.4	270.0	148.7	---	190.2	83.6	1.8	41.7	.6
1035	607	170000	572.5	194.5	***	32.6	270.0	149.2	5451.7	190.2	83.2	1.8	40.3	2.0
1036	607	170500	569.3	194.5	---	35.2	270.0	150.5	---	190.2	83.5	1.8	47.5	1.5
1037	607	171000	573.7	194.5	---	33.1	270.0	151.5	---	190.1	84.5	1.8	79.4	1.1
1038	607	171500	572.5	194.3	---	33.0	270.0	152.8	---	190.1	85.7	1.8	122.9	1.5
1039	607	172000	573.1	194.3	---	33.2	270.0	153.5	---	190.0	86.3	1.8	76.1	1.6
1040	607	172500	572.0	194.3	---	35.8	270.0	154.5	---	190.0	85.9	1.8	89.2	1.3
1041	607	173000	571.6	194.2	9002.3	29.4	270.0	155.9	5501.6	190.0	87.1	1.7	142.4	1.1
1042	607	173500	571.0	194.1	---	34.3	270.0	155.6	---	190.0	88.3	1.7	166.1	.4
1043	607	174000	568.2	194.5	---	37.5	270.0	156.1	---	190.0	89.1	1.8	164.2	1.1
1044	607	174500	559.5	196.1	---	36.3	270.0	157.1	---	190.1	88.6	1.8	170.1	.9
1045	607	175000	557.4	196.7	---	29.5	270.0	158.9	---	191.0	88.5	2.0	191.7	1.0

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1046	607	175500	562.7	196.9	---	34.4	270.0	158.9	---	191.7	88.4	1.8	206.4	.8
1047	607	180000	574.2	197.1	***	39.2	270.0	159.6	5550.7	192.3	88.4	1.9	204.7	.5
1048	607	180500	575.6	197.1	---	33.7	270.0	161.6	---	192.5	88.3	1.8	224.2	1.4
1049	607	181000	580.9	196.0	---	34.7	270.0	162.1	---	192.5	88.2	1.9	223.9	1.7
1050	607	181500	582.8	194.7	---	34.8	270.0	163.7	---	192.2	88.0	1.9	232.8	1.5
1051	607	182000	584.7	194.4	---	32.2	270.0	164.1	---	191.2	87.9	1.8	238.6	1.6
1052	607	182500	583.9	194.4	---	34.3	270.0	163.9	---	190.6	87.7	1.8	240.3	1.2
1053	607	183000	583.5	194.2	9197.1	35.4	270.0	163.1	5601.1	190.5	87.7	1.8	251.7	1.2
1054	607	183500	576.5	194.2	---	36.0	270.0	161.4	---	190.3	87.5	1.7	237.5	.8
1055	607	184000	585.4	194.2	---	35.8	270.0	168.3	---	190.3	87.4	1.7	237.5	1.5
1056	607	184500	579.0	194.3	---	35.7	270.0	159.3	---	190.4	87.3	1.6	229.2	1.6
1057	607	185000	584.3	194.3	---	35.7	270.0	157.6	---	190.5	87.3	1.5	230.1	1.9
1058	607	185500	583.3	194.1	---	34.8	270.0	156.6	---	190.5	87.2	1.5	221.6	2.1
1059	607	190000	582.4	194.1	9268.2	35.0	270.0	155.5	5651.4	190.4	87.2	1.5	221.0	2.6
1060	607	190500	576.3	195.1	---	33.1	270.0	154.7	---	190.3	86.8	1.5	213.6	2.2
1061	607	191000	579.7	194.7	---	32.4	270.0	154.8	---	190.8	86.7	1.5	206.6	2.1
1062	607	191500	581.4	194.4	---	34.8	270.0	154.3	---	190.9	86.5	1.5	184.3	1.3
1063	607	192000	580.7	194.3	---	35.9	270.0	153.1	---	190.7	85.9	1.5	176.7	1.0
1064	607	192500	576.9	194.5	---	35.9	270.0	152.4	---	190.5	85.5	1.6	170.3	.7
1065	607	193000	584.3	194.3	***	35.6	270.0	153.3	5701.6	190.5	84.9	1.5	145.3	1.0
1066	607	193500	580.7	194.3	---	35.7	270.0	152.5	---	190.4	84.5	1.6	127.1	1.2
1067	607	194000	567.4	196.2	---	35.6	270.0	153.3	---	190.4	84.0	1.5	102.5	1.1
1068	607	194500	575.6	197.4	---	35.3	270.0	152.9	---	191.1	83.3	1.6	77.8	.9
1069	607	195000	569.9	197.5	---	32.5	270.0	153.0	---	192.2	82.9	1.4	80.7	1.2
1070	607	195500	574.8	197.6	---	32.5	270.0	153.0	---	192.7	82.6	1.4	52.1	1.4
1071	607	200000	569.5	197.7	***	33.4	270.0	152.5	5751.4	193.0	82.3	1.5	27.8	1.3
1072	607	200500	568.4	197.7	---	36.3	270.0	152.3	---	193.0	82.1	1.5	7.2	1.4
1073	607	201000	566.9	197.7	---	39.1	270.0	151.4	---	193.0	81.4	1.4	9.3	1.2
1074	607	201500	566.3	197.7	---	35.9	270.0	152.6	---	193.1	81.1	1.4	4.9	1.5
1075	607	202000	562.3	197.7	---	35.1	270.0	152.8	---	193.2	80.8	1.4	9.1	1.4
1076	607	202500	564.2	197.8	---	35.0	270.0	152.5	---	193.2	80.3	1.4	9.7	1.9
1077	607	203000	562.5	197.8	9580.9	33.5	270.0	153.1	5800.4	193.3	80.1	1.4	10.4	1.9
1078	607	203500	564.2	197.8	---	32.1	270.0	153.9	---	193.3	80.0	1.4	11.2	2.2
1079	607	204000	573.1	197.8	---	33.6	270.0	154.0	---	193.4	79.6	1.5	10.8	2.6
1080	607	204500	561.4	197.9	---	35.5	270.0	153.5	---	193.4	79.6	1.5	6.1	2.0
1081	607	205000	563.1	197.9	---	38.4	270.0	153.0	---	193.5	79.0	1.5	20.3	1.8
1082	607	205500	561.4	197.9	---	33.8	270.0	154.1	---	193.4	79.4	1.5	11.7	2.4
1083	607	210000	561.9	198.0	9648.1	33.3	270.0	154.3	5849.4	193.5	78.1	1.6	12.1	2.8
1084	607	210500	565.9	198.0	---	33.7	265.0	154.2	---	193.5	79.4	1.4	12.7	2.7
1085	607	211000	570.3	198.0	---	37.0	265.0	154.2	---	193.5	78.8	1.4	12.1	2.6
1086	607	211500	557.0	198.0	---	37.7	265.0	154.0	---	193.5	78.4	1.5	12.5	3.4
1087	607	212000	563.3	198.0	---	33.0	265.0	149.4	---	193.5	80.0	1.3	10.8	3.0
1088	607	212500	569.7	198.0	---	33.0	265.0	99.6	---	189.9	80.0	.4	14.0	4.4
1089	607	213000	766.7	196.5	9692.2	33.0	265.0	87.8	5898.0	182.8	80.0	.3	13.3	2.6
1090	607	213500	644.9	197.2	---	33.0	265.0	74.2	---	177.8	80.0	.8	10.8	3.1
1091	607	214000	587.1	196.9	---	33.0	265.0	91.7	---	175.8	80.0	1.7	6.4	2.8
1092	607	214500	575.6	197.0	---	33.0	265.0	89.5	---	182.8	80.0	1.0	13.3	2.8
1093	607	215000	577.3	197.1	---	33.0	265.0	82.6	---	180.1	80.0	.4	12.9	3.0
1094	607	215500	569.5	197.1	---	33.0	265.0	81.2	---	176.3	80.0	.4	16.7	2.9
1095	607	220000	566.7	197.1	9751.0	33.0	265.0	80.1	5947.0	172.7	80.0	.3	13.3	2.7
1096	607	220500	565.0	197.3	---	33.0	265.0	78.9	---	168.9	80.0	.3	12.7	3.1
1097	607	221000	564.6	197.5	---	27.7	260.4	108.2	---	180.2	80.0	1.8	15.5	3.1
1098	607	221500	574.6	197.5	---	29.7	261.9	129.6	---	192.0	80.0	2.3	12.9	2.8
1099	607	222000	560.2	197.5	---	34.2	261.2	130.7	---	192.4	80.0	2.4	12.7	3.2
1100	607	222500	559.1	197.5	---	32.5	262.1	130.4	---	192.8	80.0	2.2	13.3	2.7

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1101	607	223000	562.5	197.5	9809.9	34.3	261.5	130.4	5995.9	192.9	80.0	2.4	12.7	3.2
1102	607	223500	560.0	197.5	---	35.5	261.8	132.7	---	192.9	80.0	2.4	14.0	2.5
1103	607	224000	556.1	197.5	---	36.1	261.3	133.3	---	192.8	80.0	2.4	14.0	2.2
1104	607	224500	556.1	197.5	---	35.3	260.3	133.9	---	192.8	80.0	2.1	13.3	2.4
1105	607	225000	555.7	197.6	---	38.6	262.3	134.6	---	193.1	80.0	2.2	13.1	2.8
1106	607	225500	553.6	197.6	---	35.4	264.5	134.2	---	193.2	80.0	2.2	13.8	2.2
1107	607	230000	554.7	197.7	9876.3	35.2	260.2	135.4	6044.8	193.1	80.0	2.4	13.8	2.4
1108	607	230500	554.9	197.8	---	32.6	261.7	136.7	---	193.2	80.0	2.2	12.7	3.4
1109	607	231000	553.0	197.7	---	34.1	262.6	136.1	---	193.3	83.2	2.1	12.3	2.3
1110	607	231500	553.6	197.8	---	35.0	260.5	136.0	---	193.2	82.4	2.1	14.0	2.8
1111	607	232000	554.0	197.7	---	27.6	260.6	135.9	---	193.2	81.9	1.6	17.8	2.7
1112	607	232500	554.4	197.8	---	37.8	261.1	136.6	---	193.5	81.1	1.3	13.8	3.3
1113	607	233000	552.3	197.9	---	39.1	261.0	137.7	6093.9	193.3	80.0	1.3	13.8	2.6
1114	607	233500	551.7	197.9	---	34.9	260.0	138.7	---	193.4	80.4	1.3	14.8	3.5
1115	607	234000	550.2	197.9	---	32.1	260.1	139.1	---	193.4	80.0	1.3	12.7	3.2
1116	607	234500	553.6	198.1	---	32.8	261.8	139.8	---	193.5	79.6	1.2	14.6	3.3
1117	607	235000	545.1	197.9	---	33.5	261.3	139.2	---	193.5	79.3	1.3	18.6	2.7
1118	607	235500	553.2	197.9	---	33.9	260.9	139.8	---	193.4	78.9	1.3	14.2	3.2
1119	608	0	550.2	198.0	---	34.2	259.6	140.6	6142.8	193.4	78.4	1.4	13.1	2.6
1120	608	500	550.6	198.0	---	31.5	259.7	140.9	---	193.5	78.1	1.3	21.4	2.9
1121	608	1000	548.9	198.0	---	32.5	261.2	141.0	---	193.5	77.8	1.3	15.9	2.0
1122	608	1500	547.5	198.0	---	34.1	261.0	141.2	---	193.5	77.6	1.3	8.5	3.0
1123	608	2000	550.0	198.0	---	33.4	259.5	141.5	---	193.5	77.2	1.3	13.3	2.5
1124	608	2500	546.0	198.0	---	32.3	260.3	142.0	---	193.4	77.0	1.3	15.5	2.7
1125	608	3000	550.4	198.0	---	32.5	260.6	141.9	6191.5	193.5	76.9	1.2	15.7	2.6
1126	608	3500	547.9	198.0	---	34.3	259.8	142.8	---	193.4	76.7	1.3	15.5	2.8
1127	608	4000	547.7	198.1	---	32.4	259.3	143.1	---	193.5	76.7	1.3	17.6	3.0
1128	608	4500	545.8	198.1	---	26.4	260.4	141.8	---	193.4	76.7	1.2	15.7	3.8
1129	608	5000	550.8	198.1	---	37.9	261.3	141.3	---	193.6	76.7	1.3	15.3	2.7
1130	608	5500	544.3	198.1	---	35.1	259.9	143.2	---	193.5	76.9	1.3	16.1	2.9
1131	608	10000	547.9	198.1	---	32.1	260.2	143.8	6240.3	193.5	76.8	1.3	18.6	2.9
1132	608	10500	548.7	198.1	---	32.3	262.0	144.1	---	193.5	77.1	1.3	14.6	2.6
1133	608	11000	546.2	198.1	---	32.3	264.0	144.8	---	193.5	77.0	1.3	15.5	3.1
1134	608	11500	547.9	198.1	---	32.3	260.4	145.0	---	193.5	77.2	1.3	17.6	2.9
1135	608	12000	544.9	197.6	---	32.3	260.7	145.5	---	193.5	77.3	1.3	16.9	3.0
1136	608	12500	543.9	198.1	---	33.1	260.1	146.5	---	193.4	77.1	1.2	17.4	3.0
1137	608	13000	543.4	198.2	---	32.6	260.1	146.3	6288.9	193.5	77.2	1.3	17.8	2.2
1138	608	13500	547.5	198.2	---	32.0	260.9	146.5	---	193.5	77.1	1.3	16.3	2.7
1139	608	14000	547.7	198.1	---	32.4	261.3	147.6	---	193.6	77.3	1.2	17.2	2.2
1140	608	14500	546.0	198.2	---	32.8	261.2	147.5	---	193.7	77.3	1.3	18.2	2.7
1141	608	15000	546.4	198.2	---	32.4	260.5	147.5	---	193.7	77.3	1.3	18.2	2.7
1142	608	15500	545.8	198.2	---	32.5	260.0	147.8	---	193.6	77.3	1.3	17.8	2.3
1143	608	20000	544.9	198.2	---	32.1	260.0	147.9	6337.5	193.7	76.6	1.2	20.3	2.3
1144	608	20500	544.5	198.2	---	30.2	260.0	148.6	---	193.7	77.4	1.3	18.0	2.6
1145	608	21000	546.6	198.2	---	33.9	260.0	148.4	---	193.7	77.4	1.3	19.3	2.6
1146	608	21500	545.3	198.2	---	33.4	260.0	149.1	---	193.7	77.5	1.3	20.1	2.9
1147	608	22000	547.9	198.2	---	31.6	255.0	148.8	---	193.7	77.0	1.3	24.6	2.5
1148	608	22500	545.1	198.3	---	30.9	255.0	148.9	---	193.7	77.6	1.3	17.4	3.0
1149	608	23000	543.6	198.2	---	32.5	255.0	149.0	6386.1	193.8	77.7	1.3	20.3	2.5
1150	608	23500	543.4	198.2	---	32.8	255.0	149.9	---	193.8	77.8	1.4	19.3	2.4
1151	608	24000	550.2	198.2	---	30.6	255.0	149.8	---	193.8	77.7	1.4	20.3	1.7
1152	608	24500	546.2	198.3	---	32.6	255.0	149.9	---	193.7	77.8	1.3	19.3	2.7
1153	608	25000	541.5	198.2	---	33.1	255.0	150.4	---	193.8	77.8	1.3	19.7	2.6
1154	608	25500	541.9	198.3	---	32.2	255.0	151.1	---	193.7	77.8	1.3	18.2	2.5
1155	608	30000	542.4	198.2	---	31.5	255.0	150.9	6434.6	193.7	77.8	1.3	19.1	2.0

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1156	608	30500	540.5	198.2	---	25.4	255.0	150.7	---	193.7	77.8	1.4	19.9	2.4
1157	608	31000	539.4	198.2	---	37.9	255.0	148.8	---	194.1	77.8	1.3	19.5	2.5
1158	608	31500	539.8	198.2	---	34.9	255.0	151.1	---	193.9	77.8	1.3	21.4	2.0
1159	608	32000	542.2	198.3	---	30.6	255.0	151.4	---	193.7	77.9	1.3	20.1	2.8
1160	608	32500	541.1	198.3	---	31.4	255.0	151.9	---	193.8	78.0	1.3	21.4	2.5
1161	608	33000	538.3	198.3	***	34.5	255.0	151.5	6483.1	193.8	77.2	1.3	20.3	2.3
1162	608	33500	542.4	198.3	---	32.4	255.0	151.8	---	193.7	78.0	1.3	22.2	2.6
1163	608	34000	541.3	198.3	---	31.4	255.0	152.6	---	193.9	78.1	1.3	21.0	2.9
1164	608	34500	540.8	198.3	---	31.4	255.0	152.7	---	193.8	78.0	1.3	21.0	2.6
1165	608	35000	540.8	198.3	---	31.4	255.0	152.8	---	193.8	78.2	1.3	24.4	2.6
1166	608	35500	540.7	198.3	---	31.8	255.0	153.0	---	193.8	78.1	1.3	21.4	2.6
1167	608	40000	540.8	198.3	***	31.9	255.0	153.3	6531.5	193.8	78.3	1.3	21.2	2.4
1168	608	40500	540.3	198.3	---	30.8	255.0	151.9	---	193.8	78.3	1.3	22.7	2.4
1169	608	41000	540.5	198.3	---	29.1	255.0	152.4	---	193.9	78.3	1.3	21.4	1.8
1170	608	41500	538.6	198.3	---	37.5	255.0	151.8	---	193.9	78.3	1.3	22.0	2.1
1171	608	42000	540.8	198.4	---	34.0	255.0	152.9	---	193.9	78.2	1.3	21.2	3.9
1172	608	42500	537.9	198.3	---	30.8	255.0	153.5	---	193.9	78.3	1.3	21.8	2.6
1173	608	43000	539.4	198.3	***	30.7	255.0	153.7	6579.8	193.7	78.3	1.3	23.5	2.4
1174	608	43500	537.5	198.4	---	31.7	260.0	154.0	---	193.6	78.3	1.3	22.9	2.3
1175	608	44000	538.1	198.4	---	32.1	260.0	153.7	---	193.9	78.3	1.3	23.9	2.5
1176	608	44500	541.1	198.4	---	31.9	260.0	153.7	---	193.9	78.3	1.3	21.2	2.6
1177	608	45000	544.5	198.4	---	31.4	260.0	154.5	---	194.0	78.4	1.2	23.3	2.7
1178	608	45500	538.1	198.4	---	31.4	260.0	154.1	---	194.0	78.4	1.2	23.3	1.9
1179	608	50000	540.8	198.4	***	31.8	260.0	154.6	6628.0	194.0	78.4	1.2	27.5	2.4
1180	608	50500	538.3	198.4	---	23.7	260.0	153.9	---	193.9	78.6	1.2	21.4	2.4
1181	608	51000	538.3	198.4	---	40.3	260.0	152.1	---	194.1	78.6	1.2	23.3	2.3
1182	608	51500	537.1	198.3	---	30.4	260.0	154.6	---	194.0	78.9	1.2	21.6	2.5
1183	608	52000	537.7	198.3	---	31.8	260.0	154.7	---	193.9	78.5	1.2	20.8	2.5
1184	608	52500	536.7	198.4	---	33.6	260.0	154.6	---	194.0	78.3	1.2	19.9	2.3
1185	608	53000	537.7	198.4	***	34.0	260.0	154.7	6676.1	193.8	78.4	1.2	23.5	1.9
1186	608	53500	536.2	198.4	---	31.9	260.0	155.0	---	193.9	78.3	1.2	23.1	2.2
1187	608	54000	537.7	198.4	---	29.0	260.0	155.4	---	193.8	78.3	1.3	21.2	3.0
1188	608	54500	541.3	198.4	---	31.0	260.0	155.4	---	193.9	77.9	1.2	21.8	1.8
1189	608	55000	535.6	198.4	---	31.6	260.0	155.1	---	194.0	77.8	1.2	19.7	2.2
1190	608	55500	537.3	198.5	---	31.3	260.0	155.3	---	193.8	78.1	1.3	22.5	2.1
1191	608	60000	534.5	198.4	***	31.2	260.0	155.2	6724.1	193.9	77.6	1.2	21.4	2.4
1192	608	60500	534.7	198.5	---	32.5	260.0	155.4	---	193.9	77.7	1.2	22.5	2.5
1193	608	61000	530.1	198.5	---	33.3	260.0	156.1	---	194.0	77.6	1.2	17.8	2.5
1194	608	61500	535.6	198.4	---	30.6	260.0	156.4	---	194.0	77.3	1.2	20.3	2.1
1195	608	62000	536.7	198.5	---	32.6	260.0	155.6	---	193.9	77.5	1.2	20.3	2.1
1196	608	62500	531.8	198.4	---	24.3	260.0	155.8	---	193.8	77.4	1.2	20.8	2.6
1197	608	63000	537.9	198.5	***	35.6	260.0	154.9	6772.1	194.1	77.4	1.1	21.4	2.5
1198	608	63500	535.4	198.4	---	36.7	260.0	155.2	---	193.9	77.1	1.2	24.2	2.8
1199	608	64000	535.6	198.5	---	32.5	260.0	155.8	---	193.8	77.4	1.2	23.1	2.5
1200	608	64500	535.0	198.5	---	29.8	260.0	156.9	---	194.1	77.2	1.2	22.0	2.8
1201	608	65000	536.4	198.5	---	29.8	260.0	156.7	---	194.1	77.6	1.2	22.9	3.0
1202	608	65500	535.8	198.5	---	30.3	260.0	156.8	---	193.6	77.7	1.2	23.3	2.8
1203	608	70000	539.2	198.5	***	31.8	260.0	156.4	6819.8	194.0	78.1	1.2	23.3	2.8
1204	608	70500	534.5	198.5	---	32.4	260.0	156.8	---	194.0	78.2	1.2	13.8	2.7
1205	608	71000	534.3	198.5	---	32.2	260.0	157.2	---	193.8	78.4	1.2	25.6	2.8
1206	608	71500	533.9	198.4	---	32.1	260.0	157.5	---	193.9	78.3	1.2	22.7	2.1
1207	608	72000	526.7	198.5	---	30.6	260.0	157.4	---	193.9	78.9	1.3	25.0	2.2
1208	608	72500	533.7	198.6	---	30.5	260.0	157.4	---	194.8	79.4	1.1	22.5	2.7
1209	608	73000	535.4	198.4	***	30.4	260.0	157.6	6867.6	194.0	80.1	1.2	26.1	2.3
1210	608	73500	534.3	198.4	---	30.6	260.0	157.3	---	193.9	81.1	1.3	26.1	1.8

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1211	608	74000	531.1	198.4	---	30.8	260.0	157.5	---	193.8	81.6	1.2	25.6	2.5
1212	608	74500	533.1	198.3	---	31.0	260.0	157.8	---	193.7	82.1	1.1	27.8	2.3
1213	608	75000	533.9	198.4	---	32.7	260.0	157.6	---	193.8	83.2	1.1	25.2	2.0
1214	608	75500	528.4	198.3	---	31.7	260.0	157.2	---	193.6	83.9	1.1	29.4	2.1
1215	608	80000	534.7	198.2	---	28.9	260.0	156.9	6915.2	193.6	84.7	1.1	28.2	2.0
1216	608	80500	535.2	198.2	---	24.7	260.0	155.7	---	193.5	85.2	1.2	31.1	3.1
1217	608	81000	533.1	198.3	---	39.0	264.5	155.0	---	193.6	85.6	1.2	30.5	2.1
1218	608	81500	534.1	198.3	---	30.9	262.5	156.7	---	193.4	85.8	1.3	31.4	2.0
1219	608	82000	533.7	198.3	---	29.4	263.9	156.9	---	193.2	85.9	1.2	33.5	2.3
1220	608	82500	531.6	198.2	---	34.2	263.4	156.3	---	193.4	86.2	1.2	38.6	2.3
1221	608	83000	531.8	198.1	11349.9	29.6	263.2	157.3	6962.7	193.6	86.6	1.2	36.0	2.3
1222	608	83500	532.0	198.2	---	31.0	263.6	157.3	---	193.6	86.7	1.2	33.5	2.2
1223	608	84000	527.8	198.2	---	31.4	263.4	157.1	---	193.1	87.1	1.2	42.4	2.4
1224	608	84500	530.3	198.2	---	30.4	264.8	157.4	---	193.3	87.9	1.2	41.3	2.2
1225	608	85000	529.2	198.2	---	33.6	264.8	157.3	---	193.4	87.7	1.2	38.1	2.8
1226	608	85500	528.6	198.2	---	28.7	267.3	157.4	---	193.6	87.5	1.2	48.3	2.8
1227	608	90000	529.4	198.2	---	31.3	267.6	157.6	7010.2	193.6	88.2	1.2	54.0	2.2
1228	608	90500	530.7	198.2	---	29.6	269.1	157.6	---	193.7	89.6	1.2	98.3	2.1
1229	608	91000	528.8	198.1	---	32.7	269.5	157.0	---	193.5	89.1	1.2	79.4	2.4
1230	608	91300	529.2	198.1	---	34.3	269.0	157.5	---	193.4	88.9	1.2	73.9	2.2
1231	608	92000	524.4	198.1	---	29.5	269.0	157.9	---	193.5	88.6	1.3	94.1	2.9
1232	608	92500	529.7	198.1	---	27.2	271.4	157.4	---	193.5	88.8	1.2	125.8	2.7
1233	608	93000	528.2	198.1	---	36.5	271.4	157.3	7057.5	193.5	89.6	1.2	125.4	2.3
1234	608	93500	526.7	198.0	---	31.2	271.1	157.6	---	193.5	89.0	1.2	116.7	2.2
1235	608	94000	532.8	198.0	---	25.7	273.6	158.2	---	193.5	89.4	1.3	198.7	2.1
1236	608	94500	535.0	198.1	---	28.6	275.5	157.9	---	193.6	91.4	1.1	245.3	2.3
1237	608	94508	525.0	198.0	---	26.5	277.5	157.5	---	194.0	93.0	1.0	250.0	1.8
1238	608	95000	530.9	198.2	---	32.0	276.2	158.0	---	193.8	93.7	1.1	383.3	2.1
1239	608	95500	529.2	198.1	---	31.5	273.4	157.7	---	193.8	94.7	1.1	337.1	2.0
1240	608	100000	527.1	198.1	---	31.2	270.0	157.8	7184.9	193.6	94.8	1.1	318.2	2.2
1241	608	100500	526.9	198.1	---	31.1	270.0	158.9	---	193.5	94.3	1.2	309.5	2.1
1242	608	101000	528.6	198.0	---	28.6	270.0	156.4	---	193.5	93.8	1.1	349.8	2.1
1243	608	101500	520.6	198.1	---	27.3	270.0	157.8	---	193.8	95.0	1.3	417.4	2.7
1244	608	102000	525.0	198.2	---	37.9	270.0	157.2	---	193.9	96.2	1.3	446.4	3.7
1245	608	102500	531.1	198.1	---	28.2	270.0	158.9	---	193.6	96.3	1.3	441.9	2.3
1246	608	103000	518.9	198.2	---	28.3	270.0	156.8	7152.4	193.6	96.1	1.2	467.6	2.4
1247	608	103500	526.3	198.2	---	32.2	270.0	157.8	---	193.9	96.5	1.3	490.7	2.8
1248	608	104000	524.4	198.3	---	28.0	270.0	158.4	---	193.6	96.3	1.3	532.8	2.7
1249	608	104500	523.9	198.3	---	28.6	270.0	158.9	---	193.5	97.1	1.3	572.7	3.0
1250	608	105000	523.3	198.2	---	30.3	270.0	159.2	---	193.6	98.2	2.5	594.7	2.7
1251	608	105500	519.9	198.2	---	33.6	270.0	159.3	---	193.1	99.4	3.5	637.3	2.3
1252	608	110000	526.7	198.3	---	33.5	270.0	158.8	7199.4	192.9	98.0	3.6	579.0	2.0
1253	608	110500	520.1	198.2	---	29.3	270.0	159.3	---	193.0	96.9	3.7	638.6	2.3
1254	608	111000	526.1	198.2	---	32.5	270.0	159.6	---	192.7	97.7	3.8	672.0	2.6
1255	608	111500	523.7	198.2	---	30.5	270.0	160.1	---	192.6	98.6	3.4	721.0	2.6
1256	608	112000	523.7	198.2	---	33.4	270.0	160.1	---	192.8	98.5	3.4	693.0	2.7
1257	608	112500	524.4	198.1	---	30.9	270.0	159.7	---	192.9	97.5	3.5	668.2	1.8
1258	608	113000	517.8	198.2	---	28.9	270.0	160.5	7246.5	193.2	97.8	3.7	754.7	2.4
1259	608	113500	524.4	198.1	---	31.3	270.0	160.3	---	193.2	98.9	3.9	766.5	2.3
1260	608	114000	524.2	198.0	---	30.6	270.0	160.7	---	193.2	97.7	4.5	727.1	1.8
1261	608	114500	523.9	198.1	---	28.7	270.0	160.6	---	193.4	98.6	5.5	803.2	2.0
1262	608	115000	525.2	198.1	---	30.0	270.0	161.1	---	193.4	100.3	7.1	846.4	2.2
1263	608	115500	522.2	198.1	---	34.3	270.0	160.9	---	193.4	101.8	10.0	845.1	2.1
1264	608	120000	522.7	198.0	---	28.3	270.0	161.5	7293.4	193.3	100.2	16.8	792.6	2.1
1265	608	120500	521.8	198.1	---	24.1	270.0	161.3	---	193.6	101.4	29.1	899.6	1.9

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	TW	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1266	608	121000	522.5	198.0	---	23.7	270.0	159.0	---	193.5	102.5	3.4	924.8	2.1
1267	608	121500	523.1	198.1	---	33.4	270.0	159.4	---	193.6	103.4	3.5	951.3	2.4
1268	608	123000	521.6	198.1	12074.8	26.6	270.0	160.6	7340.4	193.6	103.3	3.5	896.2	1.8
1269	608	130000	640.9	107.7	***	27.9	270.0	155.8	7387.4	193.2	101.1	3.5	962.9	2.4
1270	608	130228	528.1	198.0	---	24.0	266.9	158.8	---	192.8	101.4	3.1	1009.4	2.0
1271	608	130500	532.5	198.2	---	24.6	267.9	160.3	---	193.6	101.6	3.3	1044.2	2.5
1272	608	130550	525.0	198.1	---	28.2	268.2	160.8	---	193.7	102.2	3.3	1048.6	2.6
1273	608	130740	525.7	198.0	---	28.1	268.2	161.2	---	193.8	102.6	3.4	1034.0	2.6
1274	608	131000	524.5	198.3	---	28.1	268.6	160.7	---	193.7	101.0	3.5	1056.3	2.7
1275	608	131210	523.5	198.0	---	28.5	267.5	160.2	---	193.8	101.0	3.3	1067.0	2.6
1276	608	131240	525.0	198.0	---	29.2	266.3	160.6	---	193.8	101.0	3.5	1100.0	1.8
1277	608	131500	522.4	198.0	---	28.1	267.6	161.0	---	193.8	101.0	3.4	1067.2	4.4
1278	608	132000	522.4	198.0	---	38.5	269.1	161.0	---	193.8	101.0	3.4	1060.1	2.7
1279	608	132500	521.2	197.9	---	28.5	268.8	160.9	---	193.5	101.0	3.5	319.7	2.6
1280	608	133000	521.8	197.9	12292.9	28.6	267.6	160.9	7434.8	193.3	101.0	3.5	76.5	3.3
1281	608	133500	529.0	198.0	---	30.3	266.6	160.8	---	193.2	99.4	3.5	107.6	2.5
1282	608	134000	523.5	198.0	---	27.3	265.9	161.1	---	192.6	101.3	3.5	66.9	2.1
1283	608	134500	523.1	198.0	---	29.1	266.6	161.5	---	193.4	101.1	3.5	90.5	2.3
1284	608	135000	535.4	197.8	---	17.0	266.0	160.4	---	193.3	100.5	3.5	55.1	2.9
1285	608	135500	553.0	198.3	---	37.1	266.9	155.1	---	201.2	100.1	3.4	52.5	2.1
1286	608	140000	561.4	198.8	12348.7	22.5	266.0	158.4	7481.8	209.1	99.8	3.5	55.1	2.4
1287	608	140500	567.4	198.7	---	28.0	267.0	158.5	---	206.2	99.7	3.5	50.0	2.3
1288	608	141000	564.0	198.4	---	27.9	265.3	157.9	---	204.8	99.5	3.5	44.1	1.9
1289	608	141500	574.6	198.1	---	23.1	266.5	158.1	---	201.4	99.8	3.5	74.6	1.9
1290	608	142000	575.8	197.9	---	25.8	265.7	158.6	---	199.9	99.9	3.5	55.5	1.7
1291	608	142500	577.5	197.7	---	26.2	266.4	159.4	---	198.2	100.5	3.5	101.7	1.8
1292	608	143000	577.1	197.3	12399.3	26.7	266.2	158.5	7528.7	192.5	101.9	3.5	110.2	2.0
1293	608	143500	578.0	197.2	---	23.2	267.7	157.5	---	192.7	103.1	3.6	123.3	2.6
1294	608	144000	564.6	197.4	---	25.1	266.6	162.0	---	195.8	101.8	3.9	76.1	2.3
1295	608	144500	548.3	197.2	---	27.9	266.8	163.2	---	192.9	101.8	4.1	105.7	1.9
1296	608	145000	533.3	197.3	---	31.9	266.7	161.3	---	194.6	103.3	4.8	163.3	1.3
1297	608	145500	537.5	197.3	---	25.9	266.8	162.2	---	196.0	104.6	5.8	182.4	1.4
1298	608	150000	529.4	197.3	***	30.0	260.0	162.5	7576.2	194.2	105.2	7.1	171.0	2.4
1299	608	150500	521.0	197.3	---	30.0	260.0	158.9	---	192.9	105.2	8.7	194.9	1.5
1300	608	150618	524.2	197.2	---	30.0	260.0	184.2	---	190.5	105.4	5.8	223.3	-1.5
1301	608	151000	525.7	197.3	---	30.0	258.6	161.0	---	192.0	105.9	7.0	203.5	1.8
1302	608	151300	529.6	197.3	---	30.0	268.6	151.0	---	196.9	104.8	9.1	158.2	2.1
1303	608	151400	527.1	197.3	---	30.0	265.2	162.9	---	194.9	104.9	17.9	175.0	1.6
1304	608	151500	521.6	197.1	---	30.0	267.6	166.4	---	192.5	104.9	21.5	173.9	1.9
1305	608	151600	525.0	197.2	---	30.0	268.8	163.0	---	192.9	105.4	24.0	167.0	1.8
1306	608	151700	521.6	197.2	---	30.0	268.9	161.9	---	193.0	105.4	26.3	189.8	1.7
1307	608	151800	523.9	197.6	---	30.0	269.2	155.9	---	193.0	109.6	30.0	217.0	.8
1308	608	151900	522.7	197.3	---	30.0	268.9	159.0	---	193.0	109.0	33.0	219.3	2.4
1309	608	151934	522.9	197.3	---	30.0	268.8	158.8	---	192.8	110.3	34.7	225.0	1.8
1310	608	152000	525.0	197.4	---	30.0	269.1	158.4	---	192.6	110.3	35.6	228.1	2.8
1311	608	152500	523.9	197.2	---	30.0	268.2	161.9	---	193.0	120.4	8.6	204.4	1.9
1312	608	152604	538.5	197.1	---	30.0	268.3	161.4	---	193.5	113.3	3.6	166.7	2.2
1313	608	152818	521.3	197.2	---	30.0	266.6	161.2	---	193.3	111.3	3.6	191.9	1.2
1314	608	152900	517.5	197.4	---	30.0	266.3	161.3	---	193.3	111.9	3.6	215.0	1.3
1315	608	153000	519.3	197.2	12538.3	32.1	266.5	161.1	7623.3	193.5	112.1	3.6	214.8	1.9
1316	608	153100	522.7	197.5	---	30.6	268.1	161.3	---	193.5	110.6	3.6	214.8	1.9
1317	608	153200	523.9	197.2	---	30.0	268.9	161.5	---	193.5	110.4	3.7	189.8	1.9
1318	608	153300	519.3	197.2	---	34.7	266.9	164.8	---	193.9	110.0	3.6	197.7	1.7
1319	608	153400	520.5	197.2	---	14.4	267.0	165.0	---	193.5	109.9	3.5	211.4	1.5
1320	608	153500	521.9	197.4	---	17.3	269.1	165.8	---	193.3	112.8	3.5	229.7	2.0

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Band
1321	608	153700	521.3	197.4	---	24.4	267.6	165.9	---	193.5	112.4	3.4	236.3	2.3
1322	608	153800	515.9	197.4	---	23.8	266.6	164.9	---	193.5	112.5	3.5	251.1	1.6
1323	608	153900	519.3	197.2	---	24.2	268.5	162.8	---	193.5	112.6	3.6	245.5	2.0
1324	608	154000	520.5	197.2	---	33.1	269.0	162.5	---	193.0	112.9	3.6	246.6	1.9
1325	608	154100	521.6	197.3	---	36.0	268.6	162.4	---	193.1	112.9	3.6	212.5	1.9
1326	608	154200	519.3	197.3	---	35.1	267.6	162.5	---	193.5	111.9	3.6	187.5	1.7
1327	608	154300	520.5	197.4	---	35.2	267.5	162.4	---	193.5	110.9	3.7	187.5	2.4
1328	608	154400	522.7	197.5	---	34.1	267.5	162.0	---	193.5	110.4	3.5	202.3	-3
1329	608	154500	521.6	197.3	---	34.9	266.9	161.5	---	193.5	110.1	3.6	223.9	1.8
1330	608	154524	525.0	197.4	---	35.5	266.9	163.1	---	193.5	110.1	3.5	240.6	1.4
1331	608	155000	521.8	197.4	---	27.6	266.4	164.4	---	193.5	109.9	3.7	214.4	2.0
1332	608	155500	519.9	197.4	---	24.7	268.2	165.5	---	193.6	108.9	3.5	288.9	2.1
1333	608	160000	519.3	197.5	***	35.9	267.5	163.5	7667.5	193.6	109.8	3.6	256.6	2.2
1334	608	160500	521.2	197.4	---	25.9	267.1	165.0	---	193.4	110.2	3.7	265.9	1.7
1335	608	161000	517.6	197.4	---	28.2	267.4	165.8	---	192.5	110.5	3.7	269.7	2.1
1336	608	161500	519.1	197.4	---	31.3	268.2	163.7	---	192.8	110.3	3.8	253.8	1.1
1337	608	162000	517.4	197.3	---	32.3	268.5	163.8	---	192.8	108.8	3.8	207.6	1.9
1338	608	162500	523.7	197.4	---	23.4	266.2	166.5	---	193.2	107.7	3.7	233.7	2.0
1339	608	163000	516.9	197.4	***	30.2	268.8	164.4	7713.6	193.1	107.9	3.7	225.4	3.2
1340	608	163500	516.3	197.4	---	35.9	266.9	163.8	---	192.7	106.2	3.8	196.0	1.8
1341	608	164000	517.2	197.5	---	24.3	266.6	165.7	---	192.7	105.3	3.8	213.1	1.8
1342	608	164500	515.9	197.4	---	26.0	267.0	165.4	---	192.7	104.8	3.8	160.8	1.4
1343	608	165000	516.5	197.5	---	26.0	267.0	163.4	---	192.6	103.4	3.8	168.4	2.3
1344	608	165500	515.3	197.5	---	27.2	267.0	165.4	---	192.8	103.4	3.9	154.4	1.5
1345	608	170000	513.3	197.5	12794.9	21.7	267.6	166.1	7759.5	193.0	102.3	4.0	130.7	1.7
1346	608	170500	515.5	197.5	---	33.3	268.1	164.4	---	192.9	103.4	4.3	158.9	1.8
1347	608	171000	515.3	197.5	---	32.0	266.5	164.4	---	192.9	103.6	4.6	153.4	1.7
1348	608	171500	515.7	197.5	---	19.9	266.8	167.1	---	193.0	103.5	5.0	150.2	1.7
1349	608	172000	514.8	197.5	---	29.9	268.8	164.0	---	192.9	103.5	5.6	153.0	2.1
1350	608	172500	514.0	197.5	---	31.9	268.7	164.0	---	192.8	103.3	6.1	141.7	1.9
1351	608	173000	512.9	197.5	12848.4	24.4	266.1	166.2	7805.2	193.0	103.1	6.8	141.5	1.8
1352	608	173500	512.9	197.5	---	24.3	267.4	165.7	---	193.0	102.9	7.7	133.7	1.8
1353	608	174000	510.2	197.5	---	30.7	268.0	164.4	---	192.6	101.9	8.5	103.2	1.7
1354	608	174500	511.4	197.5	---	30.9	267.4	165.0	---	192.6	101.3	9.5	127.8	1.5
1355	608	175000	508.3	197.5	---	22.6	266.5	166.3	---	192.6	100.7	11.0	91.1	1.3
1356	608	175500	511.4	197.5	---	24.0	267.6	166.1	---	192.7	100.3	12.6	85.8	1.4
1357	608	180000	510.4	197.5	***	31.8	267.6	164.7	7850.7	192.6	100.1	14.3	76.1	2.5
1358	608	180500	511.4	197.5	---	28.8	266.5	165.5	---	192.6	99.9	16.3	77.5	2.9
1359	608	181000	510.0	197.5	---	21.8	266.9	166.7	---	192.8	99.6	19.0	76.7	1.7
1360	608	181500	511.0	197.5	---	34.8	267.6	164.0	---	192.6	99.4	21.3	60.6	2.5
1361	608	182000	503.6	197.5	---	19.7	266.1	167.6	---	192.9	99.3	24.6	58.7	2.3
1362	608	182500	510.4	197.5	---	34.4	267.5	163.8	---	192.7	98.7	27.7	31.8	2.2
1363	608	183000	510.2	197.5	12983.0	20.2	265.7	167.8	7896.6	192.9	98.2	31.8	40.7	1.7
1364	608	183500	508.5	197.5	---	34.8	267.2	163.1	---	192.7	97.9	32.9	24.4	1.9
1365	608	184000	508.9	197.5	---	20.3	265.5	166.0	---	193.1	97.8	3.5	16.5	1.9
1366	608	184500	508.7	197.5	---	33.4	266.5	164.8	---	193.2	97.7	3.5	21.8	1.3
1367	608	185000	509.3	197.5	---	26.8	264.9	166.7	---	193.3	97.6	3.5	-3.6	1.6
1368	608	185500	508.5	197.5	---	24.2	266.2	167.0	---	193.1	97.1	3.5	-9.1	1.4
1369	608	190000	508.3	197.5	13035.8	34.6	264.4	164.9	7941.8	192.5	96.2	3.5	-11.0	1.4
1370	608	190500	507.4	197.5	---	24.6	264.0	166.5	---	192.8	95.8	3.5	-9.1	.8
1371	608	191000	508.9	197.5	---	23.9	265.9	167.0	---	193.4	95.5	3.5	-9.5	.9
1372	608	191500	508.9	197.5	---	31.3	265.1	165.1	---	193.4	94.9	3.5	-1.9	.9
1373	608	192000	506.8	197.5	---	30.8	264.8	165.1	---	193.4	94.7	3.5	-8.1	1.2
1374	608	192500	505.9	197.5	---	22.5	263.5	167.9	---	193.2	94.1	3.6	-7.8	.8
1375	608	193000	507.4	197.5	13088.7	26.3	264.9	166.0	7987.5	192.7	93.5	3.6	-8.1	1.1

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Band
1376	608	193500	505.1	197.5	---	30.4	264.2	165.0	---	192.7	92.9	3.7	-5.3	1.1
1377	608	194000	505.9	197.5	---	30.4	263.9	165.4	---	192.6	92.4	3.7	-2.3	.8
1378	608	194500	507.2	197.5	---	23.1	262.7	167.5	---	193.3	92.0	3.5	-1.1	.9
1379	608	195000	504.7	197.5	---	24.3	264.3	166.4	---	192.9	91.3	3.7	-.2	1.2
1380	608	195500	508.5	197.5	---	29.2	264.8	165.4	---	193.1	90.6	3.6	.6	1.4
1381	608	200000	504.4	197.5	13151.8	29.6	263.9	166.1	8032.7	193.0	90.1	3.7	3.0	1.7
1382	608	200500	505.7	197.5	---	30.1	263.6	166.1	---	193.0	89.6	3.7	1.9	1.8
1383	608	201000	505.5	197.6	---	19.0	262.6	168.2	---	193.1	89.0	3.5	1.1	1.1
1384	608	201500	492.4	197.5	---	30.6	264.0	165.8	---	193.0	88.5	3.7	.8	2.8
1385	608	202000	507.0	197.5	---	31.5	263.8	164.9	---	192.9	88.1	3.7	2.1	2.3
1386	608	202500	502.3	197.5	---	24.7	262.1	167.5	---	193.0	87.5	3.7	3.2	2.5
1387	608	203000	507.0	197.5	13217.2	24.3	263.3	167.2	8078.5	193.2	87.0	3.6	3.0	2.6
1388	608	203500	506.4	197.5	---	30.0	263.8	165.4	---	193.1	86.7	3.6	1.5	2.4
1389	608	204000	507.0	197.5	---	29.7	263.7	165.6	---	193.0	86.3	3.6	-.6	2.6
1390	608	204500	506.4	197.5	---	30.5	262.9	166.0	---	192.8	85.9	3.7	4.4	2.3
1391	608	205000	505.9	197.5	---	23.8	261.1	167.8	---	193.0	85.8	3.7	5.3	1.6
1392	608	205500	507.6	197.5	---	23.7	262.6	167.6	---	193.0	85.4	3.8	3.6	2.7
1393	608	210000	501.7	197.5	***	29.2	263.5	166.5	8123.9	193.0	85.1	4.0	4.9	2.8
1394	608	210500	504.2	197.5	---	28.9	262.6	166.3	---	192.9	84.8	4.2	4.0	2.1
1395	608	213000	508.0	197.0	0.0	25.0	258.0	150.0	8169.4	0.0	81.0	0.0	0.0	0.0
1396	608	220000	495.0	195.0	0.0	28.0	259.0	150.0	8214.9	0.0	80.0	0.0	0.0	0.0
1397	608	223000	494.0	195.0	0.0	28.0	257.0	150.0	8260.3	0.0	79.0	0.0	0.0	0.0
1398	608	230000	493.0	195.0	0.0	30.0	258.0	150.0	8305.6	0.0	78.0	0.0	0.0	0.0
1399	608	233000	505.0	195.0	0.0	26.0	259.0	150.0	8352.8	0.0	76.0	0.0	0.0	0.0
1400	609	0	513.0	195.0	0.0	29.0	259.0	150.0	8398.3	0.0	76.0	0.0	0.0	0.0
1401	609	3000	507.0	195.0	0.0	27.0	257.0	150.0	8446.4	0.0	75.0	0.0	0.0	0.0
1402	609	10000	525.0	195.0	0.0	29.0	258.0	150.0	8494.9	0.0	76.0	0.0	0.0	0.0
1403	609	13000	520.0	195.0	0.0	32.0	256.0	150.0	8544.3	0.0	77.0	0.0	0.0	0.0
1404	609	20000	520.0	195.0	0.0	32.0	259.0	150.0	8594.1	0.0	76.0	0.0	0.0	0.0
1405	609	23000	518.0	195.0	0.0	30.0	258.0	150.0	8642.8	0.0	76.0	0.0	0.0	0.0
1406	609	30000	517.0	195.0	0.0	30.0	257.0	155.0	8691.4	0.0	76.0	0.0	0.0	0.0
1407	609	33000	512.0	195.0	0.0	29.0	258.0	155.0	8738.3	0.0	75.0	0.0	0.0	0.0
1408	609	40000	507.0	195.0	0.0	29.0	258.0	155.0	8785.1	0.0	74.0	0.0	0.0	0.0
1409	609	43000	508.0	195.0	0.0	28.0	257.0	155.0	8830.4	0.0	74.0	0.0	0.0	0.0
1410	609	50000	507.0	195.0	0.0	28.0	255.0	155.0	8875.7	0.0	75.0	0.0	0.0	0.0
1411	609	53000	496.0	195.0	0.0	27.0	257.0	155.0	8921.6	0.0	75.0	0.0	0.0	0.0
1412	609	60000	485.0	195.0	0.0	27.0	256.0	155.0	8967.4	0.0	76.0	0.0	0.0	0.0
1413	609	63000	550.0	193.0	0.0	28.0	257.0	150.0	9017.9	0.0	76.0	0.0	0.0	0.0
1414	609	70000	485.0	190.0	0.0	31.0	260.0	150.0	9068.4	0.0	77.0	0.0	0.0	0.0
1415	609	73000	475.0	190.0	0.0	26.0	259.0	150.0	9112.4	0.0	78.0	0.0	0.0	0.0
1416	609	80000	464.0	190.0	0.0	26.0	259.0	150.0	9156.3	0.0	80.0	0.0	0.0	0.0
1417	609	83000	460.0	192.0	0.0	27.0	259.0	150.0	9199.3	0.0	83.0	0.0	0.0	0.0
1418	609	84500	465.0	193.9	---	25.2	263.2	165.3	---	188.4	85.5	3.5	13.8	2.7
1419	609	84600	463.6	193.8	---	30.7	265.0	164.7	---	188.5	85.7	3.5	14.8	3.6
1420	609	84700	468.2	193.8	---	32.7	265.0	164.3	---	188.5	85.9	3.5	17.0	3.2
1421	609	84800	463.6	193.7	---	32.5	265.0	163.9	---	188.5	85.5	3.5	14.8	3.4
1422	609	84900	464.8	193.6	---	32.5	264.5	164.0	---	188.4	85.9	3.5	12.5	3.8
1423	609	85000	465.9	193.7	---	32.7	264.1	163.8	---	188.4	86.0	3.5	15.9	3.1
1424	609	85100	462.5	193.7	---	34.6	263.3	163.5	---	188.5	86.3	3.5	12.5	3.2
1425	609	85200	464.8	193.8	---	28.7	263.5	163.9	---	188.3	86.4	3.5	13.6	3.3
1426	609	85300	461.4	193.6	---	28.1	264.1	164.8	---	188.0	86.3	3.6	17.0	3.0
1427	609	85400	460.2	193.6	---	27.2	264.4	164.2	---	188.1	86.5	3.6	14.8	3.3
1428	609	85500	462.5	193.8	---	28.8	264.1	165.7	---	188.2	86.9	3.8	12.5	3.1
1429	609	85600	460.2	193.7	---	18.6	264.3	168.3	---	188.4	87.0	3.7	14.8	3.5
1430	609	85700	464.8	193.8	---	14.5	264.9	168.6	---	188.5	87.6	3.8	15.9	3.5

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1431	609	85800	460.2	193.8	---	16.1	263.8	168.8	---	188.7	87.5	3.8	14.8	3.4
1432	609	85900	461.4	193.7	---	14.8	264.1	167.5	---	188.8	87.8	3.8	13.6	3.3
1433	609	90000	463.6	193.8	***	25.6	265.3	165.9	9242.2	188.7	88.0	3.8	14.8	3.2
1434	609	98100	461.4	193.7	---	27.1	265.0	165.0	---	188.7	88.1	3.8	17.0	3.3
1435	609	90200	461.4	193.7	---	26.7	264.9	165.0	---	188.6	88.2	3.8	14.8	2.9
1436	609	90300	464.8	193.8	---	21.1	263.6	165.0	---	188.7	88.4	3.9	17.0	3.2
1437	609	90400	460.2	193.7	---	19.3	264.5	165.0	---	188.8	88.3	3.9	20.5	3.5
1438	609	90500	458.0	193.8	---	23.1	265.7	165.1	---	188.8	88.6	3.9	15.9	3.1
1439	609	90600	463.6	193.8	---	23.4	266.3	164.8	---	188.7	88.9	3.9	14.8	3.5
1440	609	90700	495.5	193.9	---	23.4	266.3	164.1	---	188.9	89.5	4.0	17.0	3.6
1441	609	90800	464.8	193.8	---	23.0	266.5	165.0	---	189.2	89.9	4.0	15.9	3.1
1442	609	90900	460.2	193.6	---	23.1	267.2	165.3	---	189.0	90.3	4.1	15.9	3.3
1443	609	91000	462.5	193.8	---	23.8	267.3	165.4	---	188.8	90.2	4.2	14.6	3.0
1444	609	91100	461.4	193.7	---	29.0	266.3	165.1	---	189.0	90.5	4.2	14.8	3.0
1445	609	91200	462.5	193.9	---	29.9	265.3	165.2	---	188.8	90.1	4.3	14.8	3.7
1446	609	91300	461.4	193.8	---	29.0	264.4	165.1	---	188.7	90.4	4.3	14.8	3.8
1447	609	91400	464.8	193.8	---	24.0	265.0	165.1	---	188.8	89.8	4.4	15.9	3.6
1448	609	91500	463.6	193.8	---	24.2	266.0	165.1	---	188.6	90.0	4.5	15.9	3.1
1449	609	91600	461.4	193.8	---	25.6	265.2	165.1	---	188.7	89.8	4.6	13.6	3.3
1450	609	91700	459.1	193.8	---	26.5	265.0	165.3	---	188.6	89.7	4.6	14.8	3.2
1451	609	91800	462.5	193.8	---	26.2	265.3	165.3	---	188.5	89.8	4.7	15.9	3.1
1452	609	91900	456.8	193.8	---	23.7	265.7	166.3	---	188.5	89.7	4.8	14.8	3.6
1453	609	92000	462.5	193.9	---	17.1	266.3	167.6	---	188.5	90.2	4.9	13.6	3.1
1454	609	92007	462.5	193.5	---	18.0	266.3	166.3	---	188.5	90.0	4.9	12.5	4.1
1455	609	92100	458.9	193.9	---	17.7	267.5	167.0	---	188.6	90.7	5.0	16.1	3.3
1456	609	92125	459.4	193.6	---	17.6	267.5	166.3	---	188.8	90.8	5.1	12.5	3.5
1457	609	92500	464.3	193.9	---	22.9	267.6	166.8	---	188.8	91.7	5.3	16.8	3.3
1458	609	93000	461.4	193.8	14679.2	21.9	267.3	167.0	9284.5	188.8	92.7	5.8	16.9	3.2
1459	609	93500	462.1	193.8	---	21.5	267.5	167.1	---	188.8	93.2	6.8	16.1	3.1
1460	609	94000	462.1	193.8	---	27.4	266.0	166.3	---	188.7	93.1	8.0	15.0	2.9
1461	609	94500	462.9	193.9	---	23.3	266.6	166.2	---	188.6	92.3	9.8	15.3	3.5
1462	609	95000	458.9	193.8	---	24.1	268.5	166.4	---	188.9	93.2	11.7	16.9	3.1
1463	609	95500	458.1	193.8	---	25.3	269.1	166.2	---	188.8	94.7	14.8	18.0	4.0
1464	609	100000	462.5	193.8	14735.9	27.9	268.9	165.7	9326.8	188.7	96.4	16.5	22.2	3.4
1465	609	100500	463.8	193.7	---	20.7	267.8	167.3	---	188.7	97.0	20.0	18.9	3.0
1466	609	101000	454.9	193.8	---	21.1	271.2	168.3	---	188.8	97.4	23.9	21.4	2.2
1467	609	101500	451.3	193.8	---	33.0	269.0	166.1	---	188.5	97.6	27.1	20.3	2.5
1468	609	102000	450.4	193.8	---	13.0	267.3	170.9	---	188.7	97.3	32.6	14.8	2.1
1469	609	102500	451.1	193.8	---	17.6	268.8	167.6	---	188.7	97.5	17.5	12.9	1.3
1470	609	103000	452.3	193.9	***	21.9	270.1	167.6	9369.3	189.2	97.7	3.5	16.1	2.3
1471	609	103500	444.5	193.9	---	21.4	272.0	167.9	---	189.2	99.1	3.6	21.6	1.7
1472	609	104000	449.8	194.1	---	28.7	270.0	168.4	---	189.3	100.1	3.6	18.4	1.5
1473	609	104500	446.8	194.1	---	18.4	266.4	169.7	---	189.2	98.6	3.7	15.9	1.3
1474	609	105000	443.4	194.2	---	13.9	270.3	170.3	---	189.6	98.6	3.6	20.8	1.3
1475	609	105500	443.6	194.2	---	17.6	271.6	168.5	---	189.7	100.3	3.6	24.6	.9
1476	609	110000	444.1	194.2	***	18.8	271.4	168.3	9411.8	189.0	101.4	3.6	23.9	1.7
1477	609	110500	447.7	194.2	---	14.6	267.9	170.4	---	189.5	101.4	3.6	24.4	1.6
1478	609	110654	444.9	194.3	---	11.0	269.7	172.2	---	190.0	101.4	3.6	27.3	1.6
1479	609	111000	442.4	194.2	---	19.5	270.9	168.1	---	189.9	102.3	3.5	30.7	1.8
1480	609	111500	445.1	194.3	---	23.0	268.1	167.0	---	189.8	101.7	3.5	22.2	.6
1481	609	112000	446.4	194.4	---	13.0	267.3	169.4	---	189.7	100.1	3.6	19.5	1.3
1482	609	112500	442.2	194.4	---	19.7	269.9	168.5	---	189.8	100.8	3.6	33.3	1.8
1483	609	113000	443.6	194.5	***	19.4	270.1	167.5	9454.6	189.6	101.8	3.6	39.6	1.8
1484	609	113500	447.7	194.5	---	21.4	271.5	168.2	---	189.1	103.2	3.6	48.1	1.6
1485	609	114000	446.4	194.5	---	21.8	270.2	168.2	---	189.3	104.1	3.7	49.4	1.6

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1486	609	114500	446.6	194.5	---	16.0	271.0	169.5	---	189.8	105.0	3.8	73.3	2.1
1487	609	115000	440.5	194.5	---	16.1	270.1	169.9	---	190.0	104.8	3.8	49.8	1.6
1488	609	115500	453.2	194.5	---	18.9	271.5	166.1	---	189.7	105.1	8.6	80.5	1.5
1489	609	120000	470.6	194.3	***	18.0	269.8	160.7	9497.2	188.8	105.9	9.6	93.9	1.2
1490	609	120500	473.7	194.2	---	15.5	271.5	164.0	---	189.4	106.7	10.1	107.6	2.9
1491	609	121000	500.8	193.9	---	17.3	270.6	166.0	---	189.4	107.1	5.7	122.2	1.2
1492	609	121500	503.2	193.8	---	20.2	271.5	170.0	---	190.0	107.7	17.3	151.5	1.9
1493	609	122000	494.3	194.0	---	17.4	270.0	170.4	---	190.1	107.4	10.3	140.7	1.5
1494	609	122500	482.4	194.2	---	24.5	269.1	170.4	---	190.3	105.8	6.1	93.0	1.3
1495	609	123000	479.4	194.3	***	22.4	268.4	167.2	9541.7	190.2	104.2	22.2	96.2	1.2
1496	609	123500	484.3	194.5	---	21.8	268.8	160.8	---	190.4	104.1	7.5	111.4	1.5
1497	609	124000	484.1	194.5	---	29.4	269.0	155.4	---	190.5	104.2	3.5	153.6	1.3
1498	609	124500	486.0	194.6	---	26.8	268.9	153.6	---	190.6	104.7	3.9	177.5	1.1
1499	609	125000	486.0	194.6	---	21.1	269.7	153.9	---	190.0	105.9	4.0	212.3	.3
1500	609	125500	486.9	194.7	---	23.4	269.6	152.4	---	190.2	106.2	4.2	196.8	1.1
1501	609	130000	482.6	194.7	***	26.7	269.6	151.6	9586.4	190.2	105.9	4.7	195.6	1.0
1502	609	130500	483.9	194.8	---	26.4	269.9	152.2	---	190.4	106.6	5.6	246.4	1.4
1503	609	131000	484.1	194.9	---	26.5	270.0	152.4	---	190.3	107.4	6.6	248.5	1.6
1504	609	131500	483.7	194.9	---	28.3	269.9	152.7	---	190.5	107.3	7.7	221.2	1.8
1505	609	132000	482.6	195.0	---	30.2	268.1	152.9	---	190.4	107.0	8.8	291.1	1.7
1506	609	132500	481.1	195.0	---	29.7	267.9	152.6	---	190.7	107.9	9.9	290.7	2.0
1507	609	133000	481.8	195.1	15349.8	24.3	268.2	154.0	9630.4	190.6	108.0	11.1	229.4	2.3
1508	609	133500	481.8	195.1	---	22.8	268.6	155.0	---	190.6	107.4	12.2	266.9	2.4
1509	609	134000	484.5	195.3	---	32.1	268.7	153.1	---	190.6	108.4	13.0	273.1	2.5
1510	609	134500	483.5	195.3	---	31.4	268.3	152.9	---	190.5	108.2	13.7	249.8	2.6
1511	609	135000	483.5	195.3	---	22.1	267.3	155.5	---	190.5	107.8	14.9	255.5	2.3
1512	609	135500	482.8	195.3	---	24.3	269.1	155.6	---	190.7	108.5	15.8	139.8	2.4
1513	609	140000	483.1	195.4	15401.6	33.8	269.3	153.8	9674.3	190.6	109.3	16.7	512.5	2.8
1514	609	140500	479.7	195.4	---	31.9	268.3	154.4	---	190.7	109.2	17.9	510.6	3.1
1515	609	141000	480.7	195.5	---	20.9	268.5	156.5	---	190.8	109.2	19.5	511.2	3.6
1516	609	141500	480.9	195.5	---	27.0	268.9	155.7	---	191.0	109.8	20.9	511.0	3.4
1517	609	142000	476.1	195.5	---	29.7	269.2	154.8	---	190.9	109.8	22.3	509.5	3.0
1518	609	142500	476.9	195.5	---	28.0	268.1	153.2	---	190.9	109.8	17.0	506.6	2.9
1519	609	143000	479.7	195.5	15453.1	21.1	267.9	156.9	9718.4	191.3	109.9	3.7	507.0	3.5
1520	609	143500	479.0	195.5	---	27.8	267.7	155.3	---	191.3	109.0	3.8	505.3	3.2
1521	609	144000	476.7	195.5	---	29.1	268.2	155.2	---	191.1	106.7	3.8	498.7	2.6
1522	609	144500	474.6	195.6	---	29.4	267.0	155.3	---	190.5	107.2	3.8	500.2	2.1
1523	609	145000	478.0	195.6	---	28.5	267.5	155.2	---	190.7	107.9	3.9	504.4	1.4
1524	609	145500	478.8	195.7	---	28.7	267.5	155.7	---	191.0	108.8	3.8	503.4	1.8
1525	609	150000	478.4	195.6	15516.1	28.6	267.6	156.2	9761.8	190.9	109.2	3.8	504.2	1.5
1526	609	150500	477.5	195.7	---	28.4	267.6	156.3	---	190.8	108.6	3.8	503.6	1.2
1527	609	151000	480.1	195.7	---	27.2	266.9	156.8	---	191.3	109.0	3.8	503.8	1.1
1528	609	151500	477.5	195.8	---	21.8	268.3	158.1	---	191.4	109.9	3.9	503.2	1.2
1529	609	152000	469.7	195.7	---	22.7	268.9	158.2	---	191.3	109.7	4.0	503.4	1.0
1530	609	152500	477.3	195.8	---	28.9	268.6	157.5	---	191.3	109.1	4.2	504.2	1.4
1531	609	153000	476.7	195.8	15568.6	28.2	267.7	157.5	9805.8	191.2	108.7	4.2	503.2	.6
1532	609	153500	476.5	195.8	---	27.7	269.0	157.5	---	191.2	108.5	4.4	502.8	1.2
1533	609	154000	473.1	195.9	---	30.3	267.4	157.6	---	191.0	108.4	4.2	502.1	1.8
1534	609	154500	479.9	195.9	---	27.3	267.5	157.8	---	191.1	108.3	4.4	502.8	2.0
1535	609	155000	475.6	195.9	---	27.5	268.8	158.8	---	190.4	108.4	4.1	502.8	1.6
1536	609	155500	474.2	195.9	---	30.5	267.4	160.3	---	191.2	108.6	4.1	504.0	1.6
1537	609	160000	480.5	195.8	15628.9	29.0	266.5	164.9	9849.0	191.2	108.5	4.1	504.7	1.9
1538	609	160500	473.9	195.9	---	21.6	267.5	171.7	---	191.2	108.4	4.1	503.6	1.5
1539	609	161000	472.7	195.9	---	24.8	267.1	176.3	---	191.2	108.3	4.1	504.2	1.4
1540	609	161500	474.8	196.0	---	25.9	268.8	178.7	---	191.1	108.1	4.1	502.1	2.2

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1541	609	162000	474.6	196.0	---	28.1	268.2	177.4	---	191.0	107.7	4.2	501.5	1.7
1542	609	162500	474.6	196.0	---	27.2	267.3	176.3	---	191.0	107.3	4.4	501.5	1.4
1543	609	163000	474.4	196.1	***	26.3	267.3	175.2	9893.3	191.1	107.2	4.5	501.7	1.4
1544	609	163500	474.4	196.0	---	26.2	267.6	174.7	---	191.2	107.2	4.6	502.1	1.4
1545	609	164000	474.2	196.1	---	27.1	269.5	173.9	---	191.1	107.3	4.8	500.2	.9
1546	609	164500	471.2	196.1	---	29.3	269.0	173.9	---	191.0	106.5	5.0	500.0	1.2
1547	609	165000	473.3	196.1	---	29.9	267.9	173.9	---	191.0	105.5	5.2	501.1	1.1
1548	609	165500	475.2	196.2	---	29.5	267.1	174.4	---	191.1	105.2	5.5	500.8	1.0
1549	609	170000	475.2	196.1	15750.2	21.0	268.5	176.0	9936.2	191.1	105.4	5.7	500.8	1.3
1550	609	170500	475.0	196.2	---	24.2	268.1	175.9	---	191.1	105.3	5.9	501.3	1.4
1551	609	171000	474.2	196.2	---	27.4	269.3	174.6	---	191.1	104.9	6.2	500.8	.9
1552	609	171500	472.0	196.2	---	32.3	268.8	173.8	---	191.0	104.7	6.4	501.7	1.1
1553	609	172000	472.2	196.2	---	26.5	267.4	175.9	---	191.0	104.2	6.7	500.8	.5
1554	609	172500	472.7	196.2	---	20.4	267.6	176.9	---	191.3	104.1	7.0	502.1	1.2
1555	609	173000	471.8	196.2	15800.9	35.2	269.2	173.6	9979.4	191.3	103.9	7.3	501.1	1.1
1556	609	173500	474.2	196.2	---	22.6	266.9	176.6	---	191.4	103.8	7.7	500.6	1.0
1557	609	174000	472.2	196.3	---	27.3	268.6	175.8	---	191.5	103.3	8.0	500.6	1.3
1558	609	174500	470.3	196.3	---	34.4	266.9	173.7	---	191.3	102.7	8.4	501.3	-1.9
1559	609	175000	472.0	196.3	---	18.6	266.7	177.4	---	191.4	102.1	8.9	500.8	1.2
1560	609	175500	472.2	196.2	---	30.7	268.5	175.5	---	191.3	101.5	9.1	501.1	.9
1561	609	180000	473.5	196.2	15852.1	29.7	266.4	174.8	10022.9	191.3	101.3	9.7	500.0	1.1
1562	609	180500	473.5	196.3	---	18.9	268.5	178.4	---	191.4	101.1	10.1	501.9	1.3
1563	609	181000	469.7	196.2	---	34.5	268.8	174.2	---	191.2	100.6	10.5	500.6	1.7
1564	609	181500	470.8	196.2	---	25.7	266.3	176.4	---	191.3	100.2	11.2	500.8	1.2
1565	609	182000	471.2	196.2	---	20.9	266.6	178.0	---	191.3	99.8	11.7	500.4	2.1
1566	609	182500	472.5	196.3	---	32.8	267.8	175.3	---	191.1	99.3	12.2	500.2	1.4
1567	609	183000	471.6	196.2	15903.1	29.2	266.5	176.0	10066.2	191.2	98.9	12.8	500.4	1.7
1568	609	183500	471.4	196.3	---	19.8	266.0	178.6	---	191.4	98.7	13.6	500.2	1.4
1569	609	184000	468.9	196.2	---	30.9	267.6	175.8	---	191.4	98.4	13.8	500.4	.8
1570	609	184500	469.7	196.2	---	30.0	265.7	175.4	---	191.2	97.9	14.7	500.4	1.3
1571	609	185000	470.1	196.3	---	19.6	265.7	179.4	---	191.5	97.7	15.2	500.2	1.5
1572	609	185500	467.4	196.3	---	32.7	266.7	175.5	---	191.3	97.4	15.9	500.6	1.2
1573	609	190000	468.0	196.2	15954.9	29.5	265.6	175.7	10109.3	191.3	96.9	16.6	500.3	1.4
1574	609	190500	470.6	196.3	---	19.1	265.8	179.2	---	191.4	96.6	17.5	500.0	1.4
1575	609	191000	475.0	196.1	---	29.6	267.1	176.7	---	191.4	96.2	17.8	497.9	2.0
1576	609	191500	468.0	196.3	---	33.3	266.0	175.4	---	191.3	95.9	18.7	500.8	1.2
1577	609	192000	468.6	196.3	---	16.7	265.0	179.9	---	191.6	95.4	19.5	500.4	1.5
1578	609	192500	467.6	196.3	---	32.1	266.2	176.0	---	191.5	94.7	20.1	499.4	1.1
1579	609	193000	468.2	196.3	16005.9	31.9	265.6	176.0	10152.5	191.4	93.8	21.0	501.1	1.0
1580	609	193500	467.4	196.3	---	20.1	263.6	179.1	---	191.5	93.1	21.9	501.7	1.1
1581	609	194000	469.1	196.3	---	25.6	265.0	177.7	---	191.5	92.5	22.5	501.5	1.2
1582	609	194500	469.1	196.3	---	33.7	265.4	175.5	---	191.3	91.8	23.4	502.5	1.2
1583	609	195000	467.4	196.2	---	19.8	263.3	179.8	---	191.5	91.2	24.4	502.1	1.1
1584	609	195500	466.9	196.3	---	27.6	265.1	178.3	---	191.5	90.7	24.9	502.1	.9
1585	609	200000	466.5	196.3	16056.7	32.2	264.6	176.8	10195.6	191.3	90.2	26.1	501.7	.9
1586	609	200500	463.8	196.2	---	20.1	263.4	179.8	---	191.5	89.7	27.2	501.3	.8
1587	609	201000	467.8	196.3	---	24.5	264.6	178.9	---	191.5	89.3	27.8	502.1	.8
1588	609	201500	465.3	196.2	---	34.0	265.1	176.2	---	191.3	88.9	28.9	501.3	.9
1589	609	202000	466.1	196.2	---	18.1	263.1	180.7	---	191.4	88.4	30.4	501.9	1.4
1590	609	202500	464.6	196.2	---	29.1	264.4	177.9	---	191.5	88.1	30.9	503.2	1.0
1591	609	203000	463.8	196.2	16107.5	31.5	263.8	176.3	10238.7	191.4	87.9	32.1	502.8	.8
1592	609	203500	465.7	196.2	---	22.5	262.9	179.1	---	191.5	87.5	33.5	503.6	.7
1593	609	204000	465.5	196.2	---	22.4	264.3	180.1	---	191.5	87.3	34.4	507.4	.9
1594	609	204500	465.7	196.2	---	32.9	264.4	176.5	---	191.3	87.1	35.5	506.8	1.2
1595	609	205000	473.7	196.3	---	18.6	263.3	177.9	---	191.4	86.7	11.1	503.4	.8

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1596	609	205500	466.5	196.3	---	37.8	264.9	175.2	---	191.6	86.4	3.2	505.9	.8
1597	609	210000	464.2	196.2	16158.2	17.0	262.4	181.0	10282.2	191.8	86.3	3.5	505.1	.4
1598	609	210500	467.6	196.2	---	28.9	263.9	178.0	---	191.8	86.8	3.4	505.1	1.3
1599	609	211000	469.3	196.3	---	28.9	263.9	177.4	---	191.7	85.7	3.5	506.4	1.7
1600	609	211500	463.1	196.3	---	28.7	263.8	177.8	---	191.7	85.6	3.5	506.8	1.7
1601	609	212000	465.9	196.3	---	27.3	262.9	179.1	---	191.7	85.4	3.5	507.4	1.0
1602	609	212500	465.5	196.3	---	22.4	262.5	180.0	---	191.8	85.3	3.5	511.9	.8
1603	609	213000	467.2	196.3	16209.1	22.9	262.5	179.8	10325.1	191.7	85.1	3.6	506.4	.8
1604	609	213500	465.8	196.3	---	25.5	263.5	178.7	---	191.4	84.8	3.6	505.5	1.0
1605	609	214000	464.8	196.2	---	27.9	263.8	178.2	---	191.2	84.5	3.6	509.3	.9
1606	609	214500	466.1	196.3	---	28.2	263.3	177.9	---	191.3	84.3	3.6	506.6	.9
1607	609	215000	456.1	196.3	---	27.7	263.4	178.7	---	191.5	84.1	3.6	507.4	.9
1608	609	215500	463.8	196.3	---	27.7	263.2	178.1	---	191.5	84.0	3.6	507.0	1.3
1609	609	220000	464.4	196.2	16259.6	28.1	262.6	178.2	10367.6	191.3	83.6	3.7	507.2	.8
1610	609	220500	468.2	196.2	---	27.1	261.6	179.0	---	190.1	83.2	3.7	508.7	2.1
1611	609	221000	463.1	196.2	---	25.6	262.0	179.4	---	191.3	83.3	3.8	507.2	.8
1612	609	221500	463.6	196.2	---	25.5	261.5	178.9	---	191.4	82.9	3.8	508.7	1.1
1613	609	222000	463.1	196.2	---	23.5	262.4	178.9	---	191.5	82.7	3.9	507.8	1.0
1614	609	222135	464.6	196.2	---	19.3	263.3	179.4	---	191.5	82.7	4.0	507.6	.4
1615	609	222200	587.5	196.3	---	24.4	263.0	180.0	---	191.5	82.8	4.0	504.2	1.2
1616	609	222300	465.9	196.2	---	24.7	263.8	179.9	---	191.5	82.7	4.0	505.7	.8
1617	609	222400	463.6	196.2	---	25.1	263.8	180.0	---	191.5	82.8	4.1	510.2	1.5
1618	609	222500	465.9	196.3	---	24.6	262.6	179.3	---	191.5	82.8	4.1	508.0	1.2
1619	609	222600	460.2	196.3	---	23.7	262.5	179.3	---	191.4	82.6	4.1	503.4	.4
1620	609	222700	463.6	196.2	---	24.3	262.8	179.2	---	191.5	82.5	4.1	505.7	.9
1621	609	222800	463.6	196.2	---	24.5	263.0	179.3	---	191.5	82.5	4.1	511.4	.9
1622	609	222900	461.4	196.2	---	24.0	263.0	179.0	---	191.5	82.4	4.1	508.0	.9
1623	609	223000	463.6	196.2	16310.4	24.9	263.5	178.8	10410.7	191.5	82.5	4.1	506.8	.4
1624	609	223100	465.9	196.0	---	24.1	263.8	179.3	---	191.5	82.3	4.2	508.0	1.1
1625	609	223125	468.8	196.4	---	25.1	263.8	179.4	---	191.5	82.1	4.2	509.4	.7
1626	609	223200	462.5	196.3	---	24.6	261.9	179.7	---	191.5	82.3	4.2	509.4	1.0
1627	609	223220	458.3	196.3	---	24.0	263.8	179.2	---	191.5	82.5	4.2	512.5	.3
1628	609	223240	466.7	196.5	---	24.0	263.8	178.8	---	191.5	82.3	4.1	508.3	.8
1629	609	223300	466.7	196.3	---	24.3	263.8	179.2	---	191.5	82.2	4.2	508.3	.8
1630	609	223320	462.5	196.3	---	24.3	263.8	180.0	---	191.2	82.2	4.2	508.3	1.0
1631	609	223340	466.7	196.2	---	24.7	263.8	179.6	---	191.3	82.3	4.1	512.5	.5
1632	609	223400	462.5	196.0	---	24.7	263.8	180.0	---	191.5	82.2	4.1	504.2	.1
1633	609	223420	462.5	196.2	---	24.8	263.8	180.0	---	191.5	82.2	4.2	508.3	.7
1634	609	223440	462.5	196.0	---	25.0	263.8	180.0	---	191.5	82.5	4.2	508.3	.5
1635	609	223500	462.5	196.2	---	24.6	263.8	180.0	---	191.3	82.3	4.2	508.3	1.1
1636	609	223520	462.5	196.3	---	25.0	263.8	180.0	---	191.2	82.2	4.2	504.2	1.0
1637	609	223540	462.5	196.2	---	24.3	263.8	178.8	---	191.3	82.3	4.3	508.3	.8
1638	609	223600	458.3	196.2	---	24.7	263.8	179.2	---	191.2	82.2	4.3	512.5	1.5
1639	609	223620	466.7	196.2	---	24.8	263.8	179.6	---	191.0	82.2	4.2	516.7	1.0
1640	609	223640	466.7	196.3	---	24.3	263.8	179.6	---	190.7	82.3	4.3	508.3	1.9
1641	609	223700	462.5	196.2	---	26.0	263.8	179.2	---	190.5	82.2	4.3	508.3	1.3
1642	609	223720	458.3	196.2	---	25.7	263.8	179.6	---	190.2	82.2	4.2	508.3	1.2
1643	609	223740	462.5	196.5	---	25.5	263.8	180.0	---	189.5	82.2	4.1	508.3	.6
1644	609	223800	462.5	196.2	---	27.3	262.9	179.6	---	189.2	82.3	4.1	508.3	2.0
1645	609	223820	466.7	196.2	---	25.6	262.9	180.0	---	189.2	82.0	4.1	508.3	1.5
1646	609	223840	462.5	196.2	---	24.7	262.9	178.8	---	189.0	82.2	4.1	512.5	.5
1647	609	223900	462.5	196.2	---	24.7	262.5	178.8	---	189.0	82.2	4.0	508.3	.8
1648	609	223920	429.2	196.2	---	26.3	262.5	180.0	---	189.0	82.5	4.0	504.2	.8
1649	609	223940	462.5	196.0	---	26.7	262.9	179.6	---	189.0	82.3	3.9	512.5	1.8
1650	609	224000	458.3	196.2	---	26.2	262.5	179.2	---	189.2	82.2	3.9	508.3	1.1

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1651	609	224020	458.3	196.2	---	26.5	262.5	179.6	---	189.3	81.8	4.0	508.3	.6
1652	609	224040	458.3	196.5	---	25.5	262.9	179.6	---	189.0	82.0	4.0	508.3	1.0
1653	609	224100	466.7	196.3	---	26.3	262.5	180.0	---	189.5	82.2	4.0	504.2	.8
1654	609	224120	458.3	196.2	---	25.5	262.5	180.0	---	189.5	82.2	4.0	508.3	1.1
1655	609	224140	462.5	196.2	---	27.0	262.5	180.0	---	189.8	81.8	3.9	504.2	.7
1656	609	224200	458.3	196.0	---	26.0	262.1	180.0	---	189.8	81.7	3.9	508.3	.1
1657	609	224220	462.5	196.2	---	26.2	262.5	180.4	---	190.0	81.7	3.8	512.5	1.6
1658	609	224240	466.7	196.3	---	26.5	262.5	180.0	---	190.0	82.0	3.8	512.5	.9
1659	609	224300	462.5	196.3	---	26.0	262.5	180.0	---	190.0	82.0	3.8	508.3	1.0
1660	609	224320	462.5	196.0	---	25.2	262.5	180.0	---	190.3	81.5	3.9	508.3	1.0
1661	609	224340	450.0	196.0	---	26.8	262.5	180.0	---	190.5	82.0	3.8	512.5	1.4
1662	609	224400	466.7	196.2	---	25.0	262.5	180.0	---	190.5	81.8	3.9	512.5	.5
1663	609	224420	466.7	196.2	---	26.3	262.5	180.0	---	190.3	82.0	3.8	508.3	1.5
1664	609	224440	462.5	196.3	---	26.0	262.5	179.2	---	190.5	82.0	3.8	512.5	1.2
1665	609	224500	466.7	196.2	---	25.3	260.0	178.8	---	190.5	81.8	3.8	516.7	.9
1666	609	224520	512.5	196.0	---	3.2	253.3	175.0	---	190.5	82.0	3.5	566.7	1.5
1667	609	224538	562.5	196.0	---	3.2	250.0	159.2	---	190.5	81.7	1.5	612.5	1.3
1668	609	224620	621.9	195.9	---	2.9	250.0	157.2	---	190.4	81.8	1.5	675.0	.4
1669	609	224640	666.7	195.8	---	2.7	250.0	150.0	---	190.0	81.5	5.9	716.7	.8
1670	609	224700	691.7	195.7	---	2.7	249.6	148.3	---	190.0	81.8	8.2	741.7	1.1
1671	609	224720	720.8	195.5	---	2.5	249.6	145.8	---	190.0	81.7	10.8	766.7	1.5
1672	609	224740	733.3	195.5	---	2.8	250.0	143.8	---	189.7	81.8	12.8	791.7	1.2
1673	609	224800	750.0	195.2	---	2.7	249.2	142.1	---	189.8	81.5	14.4	808.3	1.6
1674	609	224820	766.7	195.2	---	3.0	245.8	140.8	---	189.5	81.7	15.8	825.0	1.0
1675	609	224840	787.5	194.8	---	3.0	242.5	138.8	---	189.0	81.5	17.0	837.5	.9
1676	609	224900	787.5	194.7	---	3.0	238.7	138.3	---	189.0	81.8	18.1	850.0	1.4
1677	609	224920	804.2	194.5	---	3.0	235.0	137.5	---	188.7	81.7	19.1	866.7	-.3
1678	609	224940	812.5	194.0	---	3.0	231.2	136.7	---	188.5	81.7	20.0	875.0	.8
1679	609	225000	825.0	193.8	---	2.8	227.9	135.4	---	188.2	81.8	20.7	887.5	1.6
1680	609	225020	837.5	193.8	---	2.8	224.2	135.0	---	187.7	81.8	21.4	895.8	1.2
1681	609	225040	845.8	193.5	---	3.0	220.4	133.8	---	187.7	81.7	22.0	908.3	.1
1682	609	225100	850.0	193.2	---	3.0	217.1	133.8	---	187.3	81.5	22.5	916.7	1.2
1683	609	225120	862.5	193.0	---	3.2	212.5	133.3	---	187.0	81.3	23.1	925.0	1.0
1684	609	225140	904.2	192.5	---	3.0	207.5	133.3	---	187.0	81.5	23.4	933.3	.6
1685	609	225200	845.8	192.2	---	2.8	202.1	132.5	---	186.7	81.2	23.8	937.5	1.0
1686	609	225220	837.5	191.7	---	2.7	197.1	132.5	---	186.5	81.2	24.1	941.7	3.7
1687	609	225240	845.8	191.5	---	3.0	191.7	132.5	---	186.2	81.2	24.5	958.3	-16.5
1688	609	225300	837.5	191.0	---	2.8	186.7	131.3	---	186.0	81.3	24.7	958.3	-25.0
1689	609	225320	837.5	191.2	---	3.0	182.5	131.3	---	185.7	81.2	25.3	962.5	-24.4
1690	609	225340	837.5	190.7	---	2.8	177.5	131.3	---	185.5	81.3	25.2	975.0	-25.0
1691	609	225400	837.5	190.5	---	2.8	172.9	131.3	---	185.3	81.0	25.5	979.2	-24.9
1692	609	225420	841.7	190.5	---	2.8	169.2	130.4	---	185.0	81.2	25.7	987.5	-24.4
1693	609	225440	833.3	190.0	---	3.0	165.0	130.0	---	184.8	81.3	25.8	987.5	-25.2
1694	609	225500	829.2	189.5	---	2.7	160.0	130.0	---	184.7	81.3	26.0	995.8	-25.8
1695	609	225520	829.2	189.2	---	2.7	156.7	130.0	---	184.5	81.3	26.1	1000.0	-24.9
1696	609	225540	829.2	189.2	---	2.8	153.3	130.0	---	184.3	81.2	26.3	1004.2	-25.1
1697	609	225600	825.0	188.8	---	2.8	150.0	130.0	---	183.7	81.2	26.4	1012.5	-25.0
1698	609	225620	837.5	188.5	---	2.8	146.7	130.0	---	183.5	81.0	26.5	1016.7	-25.1
1699	609	225640	833.3	188.3	---	2.8	143.7	130.0	---	183.3	80.7	26.5	1025.0	-24.4
1700	609	225700	825.0	187.8	---	2.7	140.4	129.6	---	183.2	80.8	26.6	1025.0	-23.9
1701	609	225720	829.2	187.7	---	3.0	137.5	129.2	---	183.0	80.8	26.8	1029.2	-24.1
1702	609	225740	833.3	187.5	---	2.8	134.6	128.8	---	182.5	80.3	26.8	1037.5	-24.6
1703	609	225800	820.8	187.2	---	2.8	131.7	129.2	---	182.3	80.7	26.9	1037.5	-24.4
1704	609	225820	825.0	186.8	---	4.3	129.6	129.2	---	182.2	80.8	26.9	1037.5	-24.5
1705	609	225840	833.3	186.7	---	2.8	127.1	128.8	---	182.0	80.7	26.9	1050.0	-24.9

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1706	609	225900	833.3	185.8	---	2.7	111.0	128.8	---	181.7	80.7	27.0	1050.0	-24.6
1707	609	225920	829.2	186.2	---	3.0	121.7	128.8	---	181.3	80.7	27.1	1054.2	-24.1
1708	609	225940	820.8	185.8	---	2.7	119.6	129.2	---	181.2	80.8	27.1	1058.3	-24.5
1709	609	230000	825.0	185.5	---	2.7	117.1	128.3	10432.7	181.0	80.8	27.3	1062.5	-25.0
1710	609	230020	816.7	185.3	---	3.0	115.0	128.8	---	180.7	80.5	27.2	1066.7	-24.5
1711	609	230040	825.0	184.8	---	2.7	113.3	128.8	---	180.5	80.7	27.3	1058.3	-25.1
1712	609	230100	820.8	184.8	---	2.8	110.8	127.9	---	180.2	80.7	27.3	1075.0	-25.1
1713	609	230120	825.0	184.5	---	2.7	109.2	127.9	---	180.0	80.3	27.4	1075.0	-24.9
1714	609	230140	825.0	184.3	---	2.8	107.5	127.9	---	179.7	80.8	27.4	1083.3	-25.4
1715	609	230200	816.7	183.8	---	3.0	105.4	128.3	---	179.7	80.7	27.5	1087.5	-25.4
1716	609	230220	829.2	183.7	---	3.0	103.7	127.9	---	179.2	80.7	27.5	1158.3	-24.5
1717	609	230240	820.8	183.3	---	3.0	102.1	127.9	---	178.7	80.7	27.7	1091.7	-24.6
1718	609	230300	812.5	183.2	---	2.7	100.4	127.5	---	178.5	80.5	27.6	1095.8	-24.5
1719	609	230320	829.2	182.8	---	2.8	98.8	127.9	---	178.3	80.3	27.9	1100.0	-24.4
1720	609	230340	820.8	182.7	---	3.0	96.7	127.5	---	178.2	80.7	27.9	1104.2	-24.8
1721	609	230400	829.2	182.3	---	2.8	95.0	127.1	---	178.0	80.7	28.0	1100.0	-24.7
1722	609	230420	816.7	182.2	---	2.8	93.7	127.5	---	177.7	80.7	28.1	1112.5	-24.7
1723	609	230440	820.8	181.8	---	2.7	92.1	127.5	---	177.5	80.8	28.1	1112.5	-25.1
1724	609	230500	829.2	181.7	---	2.8	90.4	126.7	---	177.2	80.3	28.1	1125.0	-25.0
1725	609	230520	829.2	181.5	---	2.7	89.2	126.7	---	176.8	80.0	28.3	1033.3	-24.8
1726	609	230540	816.7	181.0	---	2.7	87.9	126.7	---	176.8	80.7	28.3	1125.0	-25.3
1727	609	230600	816.7	181.0	---	2.7	86.2	126.3	---	176.5	80.3	28.3	1125.0	-24.5
1728	609	230620	812.5	180.7	---	2.7	85.4	126.3	---	176.2	80.5	28.4	1129.2	-24.6
1729	609	230640	829.2	180.5	---	2.8	83.8	126.7	---	176.0	80.5	28.4	1129.2	-24.8
1730	609	230700	812.5	180.2	---	2.8	82.1	127.1	---	175.7	80.5	28.4	1137.5	-24.6
1731	609	230720	812.5	180.0	---	3.0	81.3	126.3	---	175.3	80.5	28.5	1137.5	-24.6
1732	609	230740	820.8	179.8	---	3.0	79.6	126.3	---	175.2	80.3	28.5	1141.7	-25.0
1733	609	230800	825.0	179.5	---	3.0	78.8	126.3	---	175.0	80.5	28.4	1150.0	-25.1
1734	609	230820	816.7	179.3	---	2.8	77.5	126.3	---	175.0	80.5	28.4	1150.0	-24.8
1735	609	230840	816.7	179.0	---	2.8	77.1	126.3	---	174.5	80.2	28.4	1150.0	-25.0
1736	609	230900	816.7	178.7	---	2.8	75.0	126.7	---	174.2	80.0	28.4	1150.0	-24.9
1737	609	230920	825.0	178.5	---	2.8	74.6	126.3	---	174.0	80.2	28.4	1154.2	-24.9
1738	609	230940	812.5	178.2	---	2.7	73.3	126.3	---	174.0	80.5	28.5	1154.2	-25.0
1739	609	231000	812.5	178.0	---	3.0	72.5	126.3	---	173.5	80.2	28.6	1162.5	-25.0
1740	609	231020	825.0	177.8	---	2.8	71.3	126.3	---	173.2	80.5	28.6	1162.5	-24.8
1741	609	231040	820.8	177.8	---	3.0	70.4	126.3	---	173.0	80.5	28.8	1166.7	-25.1
1742	609	231100	816.7	177.5	---	3.0	69.2	125.8	---	173.0	80.3	28.8	1175.0	-25.0
1743	609	231120	812.5	177.2	---	2.7	68.3	125.8	---	172.7	80.2	28.8	1170.8	-24.6
1744	609	231140	812.5	177.0	---	3.0	67.5	125.8	---	172.2	80.3	28.9	1175.0	-24.8
1745	609	231200	816.7	176.7	---	2.8	66.7	125.8	---	172.2	80.2	29.0	1175.0	-25.1
1746	609	231220	816.7	176.5	---	3.0	65.8	125.0	---	172.0	80.3	29.0	1179.2	-24.8
1747	609	231240	795.8	176.5	---	2.8	65.0	125.0	---	171.7	80.0	29.1	1175.0	-24.4
1748	609	231300	812.5	175.5	---	2.8	63.7	125.0	---	171.5	80.3	29.3	1187.5	-24.5
1749	609	231320	812.5	175.7	---	2.7	63.3	125.0	---	171.3	80.0	29.3	1187.5	-25.2
1750	609	231340	825.0	175.5	---	2.8	62.5	125.0	---	171.0	80.5	29.4	1187.5	-24.3
1751	609	231400	808.3	175.2	---	2.8	62.1	125.0	---	171.0	80.5	29.4	1187.5	-25.1
1752	609	231420	820.8	175.0	---	2.8	61.3	125.0	---	170.5	80.3	29.5	1195.8	-24.8
1753	609	231440	812.5	175.0	---	2.7	59.6	125.0	---	170.3	80.2	29.6	1191.7	-25.0
1754	609	231500	812.5	174.5	---	2.8	59.2	125.0	---	170.2	80.2	29.6	1204.2	-24.9
1755	609	231520	808.3	174.7	---	2.8	58.8	125.0	---	169.8	80.3	29.8	1200.0	-24.6
1756	609	231540	812.5	174.2	---	2.8	57.9	124.6	---	169.8	80.3	29.8	1204.2	-25.0
1757	609	231600	820.8	174.2	---	2.8	57.5	124.6	---	169.5	80.3	29.8	1208.3	-24.8
1758	609	231620	812.5	173.8	---	3.0	56.7	124.6	---	169.2	80.5	29.9	1208.3	-24.6
1759	609	231640	816.7	173.8	---	3.0	55.8	124.2	---	169.0	80.5	29.9	1212.5	-24.2
1760	609	231700	812.5	173.7	---	2.8	55.0	124.2	---	168.8	80.3	30.0	1212.5	-24.8

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tu	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1761	609	231720	816.7	173.2	---	3.1	54.6	123.8	---	168.5	80.2	30.1	1212.5	-24.8
1762	609	231740	812.5	173.0	---	3.0	54.2	123.8	---	168.7	80.3	30.1	1216.7	-24.8
1763	609	231800	812.5	173.0	---	2.8	53.7	123.8	---	168.3	80.3	30.2	1225.0	-25.0
1764	609	231820	816.7	172.8	---	3.0	52.5	123.8	---	167.8	80.3	30.3	1220.8	-24.8
1765	609	231840	812.5	172.5	---	3.0	52.5	123.8	---	167.7	80.8	30.3	1208.3	-25.2
1766	609	231900	812.5	172.2	---	3.0	52.1	123.8	---	167.5	80.5	30.4	1225.0	-24.9
1767	609	231920	812.5	171.8	---	2.8	51.2	123.8	---	167.5	80.2	30.4	1229.2	-25.1
1768	609	231940	808.3	171.7	---	3.0	50.8	122.9	---	167.0	80.5	30.4	1229.2	-24.8
1769	609	232000	808.3	171.5	---	2.8	50.0	123.8	---	166.8	80.3	30.5	1233.3	-25.2
1770	609	232020	825.0	171.5	---	3.0	50.0	123.3	---	166.5	80.3	30.5	1237.5	-24.5
1771	609	232040	812.5	171.0	---	3.0	49.2	123.8	---	166.5	80.7	30.5	1237.5	-25.0
1772	609	232100	808.3	171.0	---	2.8	48.8	122.9	---	166.3	80.3	30.6	1237.5	-24.9
1773	609	232120	812.5	171.0	---	3.0	47.9	117.9	---	165.8	80.7	30.7	1241.7	-24.8
1774	609	232140	812.5	170.5	---	3.0	47.5	122.5	---	165.7	80.3	30.8	1245.8	-24.7
1775	609	232200	812.5	170.3	---	2.8	47.1	122.5	---	165.5	80.5	30.8	1250.0	-25.0
1776	609	232220	812.5	170.3	---	3.0	46.3	122.5	---	165.3	80.3	30.8	1250.0	-25.1
1777	609	232240	812.5	170.0	---	3.0	46.3	122.9	---	165.0	80.2	30.9	1250.0	-25.3
1778	609	232300	812.5	169.8	---	3.0	45.4	122.5	---	165.0	80.7	31.0	1254.2	-25.2
1779	609	232307	800.0	170.0	---	3.0	45.0	122.5	---	164.5	80.5	31.0	1250.0	-24.5
1780	609	232400	814.1	169.1	---	2.9	44.8	122.0	---	164.4	80.3	31.1	1254.7	-24.9
1781	609	232500	809.1	169.1	---	3.0	43.9	121.8	---	163.8	80.3	31.2	1263.6	-24.7
1782	609	232600	808.0	168.4	---	3.0	43.2	121.3	---	163.1	80.5	31.4	1278.4	-25.1
1783	609	232700	808.0	167.9	---	3.1	41.2	121.3	---	162.4	80.3	31.5	1275.0	-25.0
1784	609	232800	810.2	167.2	---	3.0	40.3	121.5	---	161.9	80.4	31.7	1277.3	-24.9
1785	609	232900	839.8	166.7	---	3.0	39.1	121.3	---	161.3	80.4	31.7	1286.4	-25.1
1786	609	233000	809.1	166.0	16385.8	3.0	38.5	121.4	10432.7	160.5	80.5	31.8	1293.2	-25.6
1787	609	233100	809.1	165.5	---	3.0	37.5	120.7	---	159.9	80.4	31.9	1300.0	-24.6
1788	609	233200	810.2	165.1	---	3.0	36.9	120.5	---	159.3	80.4	32.0	1301.1	-24.7
1789	609	233300	806.8	164.7	---	3.0	36.0	120.6	---	158.7	80.5	32.1	1305.7	-24.4
1790	609	233400	805.7	164.0	---	3.0	35.1	120.1	---	158.2	80.5	32.1	1312.5	-24.9
1791	609	233500	809.1	163.5	---	3.0	35.0	119.7	---	157.7	80.6	32.3	1315.9	-24.8
1792	609	233600	802.3	163.1	---	3.0	34.3	119.4	---	157.0	80.5	32.4	1323.9	-24.7
1793	609	233700	804.5	162.5	---	3.0	33.7	118.9	---	156.6	80.9	32.4	1326.1	-25.1
1794	609	233800	805.7	162.1	---	3.0	32.7	118.9	---	155.7	80.5	32.5	1329.5	-24.9
1795	609	233900	803.4	161.7	---	3.5	32.4	118.8	---	155.4	80.5	32.6	1335.2	-25.0
1796	609	234000	806.8	161.3	---	3.0	31.8	118.8	---	154.7	80.5	32.8	1339.8	-25.1
1797	609	234100	814.8	160.7	---	3.0	31.3	118.6	---	154.2	80.5	33.0	1346.6	-24.7
1798	609	234200	805.7	160.3	---	3.0	31.0	117.7	---	153.6	80.4	33.2	1351.1	-24.9
1799	609	234300	805.7	159.8	---	3.0	30.2	117.8	---	153.1	80.8	33.3	1352.3	-24.7
1800	609	234400	804.5	159.3	---	3.0	30.0	117.5	---	152.5	80.0	33.5	1358.0	-24.8
1801	609	234500	805.7	158.8	---	2.9	29.9	117.5	---	152.1	80.5	33.6	1363.6	-25.1
1802	609	234600	805.7	158.5	---	3.1	29.7	117.5	---	151.5	80.6	33.8	1363.6	-25.1
1803	609	234608	800.0	158.5	---	3.0	28.8	117.5	---	151.0	80.5	34.0	1375.0	-24.5
1804	609	234738	803.1	157.6	---	2.9	28.8	116.6	---	150.6	80.6	34.1	1371.9	-25.1
1805	609	235100	802.7	156.8	---	3.1	28.0	116.1	---	149.5	80.4	34.5	1382.8	-24.6
1806	609	235400	795.4	155.5	---	3.0	27.4	115.2	---	148.0	80.5	35.0	1394.3	-24.3
1807	609	235700	800.7	154.4	---	3.0	26.4	114.7	---	146.4	80.5	35.5	1407.1	-24.8
1808	610	0	794.3	153.2	16385.8	3.0	26.0	113.8	10295.6	145.0	80.4	36.0	1417.1	-24.4
1809	610	300	797.1	152.2	---	3.1	25.1	112.9	---	143.6	80.3	36.6	1427.1	-24.8
1810	610	600	797.1	151.0	---	3.1	24.9	112.0	---	142.3	80.2	37.4	1438.2	-24.9
1811	610	900	795.0	149.9	---	3.1	24.3	110.6	---	141.0	80.3	38.3	1445.4	-25.0
1812	610	1200	799.3	148.9	---	3.0	23.7	109.7	---	139.8	80.2	39.0	1454.3	-25.0
1813	610	1500	792.9	148.0	---	3.0	23.9	108.5	---	138.4	80.2	39.6	1464.6	-24.8
1814	610	1800	785.7	146.8	---	3.0	23.7	107.6	---	137.3	80.3	40.3	1474.3	-25.0
1815	610	2100	770.7	145.9	---	3.0	23.7	106.6	---	136.1	80.1	40.9	1479.6	-24.2

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1816	610	2400	789.3	144.9	---	3.1	23.7	105.6	---	134.9	88.1	41.7	1487.5	-25.0
1817	610	2700	792.9	144.0	---	3.0	22.9	104.6	---	133.8	79.9	42.5	1496.1	-25.0
1818	610	2755	791.3	143.4	---	3.0	22.6	103.8	---	133.0	79.9	43.0	1501.3	-24.9
1819	610	3000	788.6	142.9	16385.8	3.1	22.7	103.8	10295.6	132.5	80.1	43.4	1506.8	-24.9
1820	610	3500	789.0	141.9	---	3.0	22.6	102.8	---	131.2	79.8	44.2	1515.7	-24.8
1821	610	4000	787.1	140.4	---	3.0	22.3	100.8	---	129.5	79.7	45.4	1527.1	-24.9
1822	610	4500	787.9	139.0	---	3.0	21.5	99.4	---	127.8	79.5	46.3	1540.0	-25.0
1823	610	5000	794.1	137.6	---	3.0	21.3	98.2	---	126.1	79.3	47.0	1549.6	-24.9
1824	610	5500	785.6	136.2	---	3.1	21.4	96.9	---	124.5	79.3	47.8	1559.1	-24.9
1825	610	10000	791.7	134.9	16385.8	3.1	21.3	95.5	10295.6	123.0	79.2	48.9	1570.6	-24.4
1826	610	10500	785.6	133.7	---	3.0	21.3	93.8	---	121.6	79.3	50.1	1577.5	-24.9
1827	610	11000	778.4	132.5	---	3.1	21.2	92.4	---	120.3	79.4	51.0	1590.7	-24.9
1828	610	11500	782.2	131.2	---	3.1	20.9	91.3	---	118.9	79.0	52.0	1597.0	-24.9
1829	610	12000	783.1	130.0	---	3.6	20.3	89.6	---	117.6	79.3	52.9	1605.5	-24.9
1830	610	12500	780.1	128.9	---	3.6	20.1	88.4	---	116.4	79.2	53.9	1612.7	-24.9
1831	610	13000	779.2	127.7	16385.8	3.5	20.0	87.0	10295.6	115.2	79.2	54.8	1620.3	-25.0
1832	610	13500	761.4	126.6	---	3.5	20.0	85.8	---	113.9	79.0	55.5	1627.8	-25.0
1833	610	14000	776.7	125.6	---	3.5	19.7	84.8	---	112.8	79.1	56.3	1637.5	-24.8
1834	610	14500	776.9	124.6	---	3.5	19.2	83.3	---	111.6	79.1	57.1	1642.8	-24.9
1835	610	15000	769.1	123.6	---	3.5	18.8	82.1	---	110.5	78.8	58.0	1650.6	-24.8
1836	610	15500	775.6	122.4	---	3.5	18.7	80.8	---	109.5	78.8	59.0	1656.6	-24.9
1837	610	20000	775.4	121.5	16385.8	3.5	18.3	79.5	10295.6	108.6	78.8	59.9	1665.0	-24.6
1838	610	20500	776.1	120.6	---	3.5	17.6	78.2	---	107.5	78.6	60.7	1667.2	-25.0
1839	610	21000	776.3	119.7	---	3.6	17.5	76.3	---	106.6	78.8	62.4	1675.0	-24.9
1840	610	21500	773.5	118.8	---	3.5	17.4	73.5	---	105.7	78.7	65.0	1677.8	-24.9
1841	610	22000	769.1	118.0	---	3.7	16.8	70.6	---	104.8	78.8	67.5	1686.0	-24.9
1842	610	22500	774.6	117.1	---	3.6	16.4	67.9	---	103.9	78.6	69.9	1688.3	-24.9
1843	610	23000	774.8	116.3	16385.8	3.7	16.2	65.0	10295.6	102.9	78.7	72.3	1693.6	-25.0
1844	610	23500	774.2	115.6	---	3.9	16.3	62.6	---	101.9	78.5	74.6	1701.3	-25.0
1845	610	24000	773.1	114.7	---	3.9	16.2	60.1	---	101.1	78.4	76.8	1708.1	-24.5
1846	610	24500	772.7	113.9	---	3.7	16.2	57.3	---	100.2	78.4	79.2	1712.9	-24.9
1847	610	25000	771.8	113.2	---	4.0	16.2	54.9	---	99.2	78.5	81.2	1717.8	-24.9
1848	610	25500	765.5	112.5	---	4.0	15.5	52.8	---	98.4	78.4	83.3	1725.0	-24.7
1849	610	30000	770.6	111.6	16385.8	4.0	15.3	50.3	10295.6	97.6	78.3	85.4	1726.7	-24.8
1850	610	30500	771.4	111.0	---	4.1	15.1	48.0	---	96.8	78.3	87.3	1735.6	-24.8
1851	610	31000	771.2	110.2	---	4.0	15.1	45.7	---	95.9	78.2	89.2	1743.9	-24.9
1852	610	31500	771.0	109.6	---	4.1	15.0	43.8	---	95.2	78.3	90.9	1739.0	-24.9
1853	610	32000	769.7	108.9	---	4.1	15.0	41.8	---	94.5	78.4	92.5	1745.3	-24.8
1854	610	32500	776.1	108.2	---	4.0	15.1	39.6	---	94.0	78.4	94.0	1749.4	-25.0
1855	610	33000	771.0	107.5	16385.8	4.1	14.6	38.4	10295.6	93.4	78.4	95.3	1751.5	-25.3
1856	610	33500	769.5	106.9	---	4.1	14.3	36.9	---	92.8	78.4	96.6	1754.4	-24.9
1857	610	34000	764.6	106.3	---	4.2	14.0	35.4	---	92.4	78.4	97.6	1761.4	-25.0
1858	610	34500	769.1	105.7	---	4.1	13.8	34.3	---	92.0	78.5	98.6	1763.6	-24.9
1859	610	35000	768.9	105.2	---	4.1	13.8	33.0	---	91.3	78.7	99.7	1767.6	-24.9
1860	610	35500	768.6	104.6	---	4.1	13.7	31.8	---	90.5	78.7	100.5	1777.5	-25.0
1861	610	40000	768.9	104.0	16385.8	4.0	13.8	30.6	10295.6	89.6	78.7	101.4	1774.8	-24.9
1862	610	40500	769.7	103.4	---	4.0	13.7	29.8	---	88.8	78.9	102.1	1779.0	-24.8
1863	610	41000	767.4	102.9	---	4.2	13.8	28.6	---	88.2	78.7	102.8	1778.0	-24.9
1864	610	41500	770.1	102.3	---	4.2	13.8	27.7	---	87.6	78.8	103.5	1783.3	-24.6
1865	610	42000	769.5	101.9	---	4.1	14.0	26.7	---	87.1	78.8	104.1	1786.9	-24.9
1866	610	42500	770.3	101.4	---	4.1	13.6	26.0	---	86.8	78.9	104.7	1790.3	-24.9
1867	610	43000	772.9	101.1	16385.8	4.0	13.4	25.1	10295.6	86.1	79.2	105.2	1790.9	-24.8
1868	610	43500	773.1	100.6	---	4.2	13.3	24.3	---	85.7	79.2	105.8	1796.8	-24.8
1869	610	44000	773.3	100.1	---	4.3	13.1	23.9	---	85.2	79.2	106.3	1799.8	-24.9
1870	610	44500	773.3	99.6	---	4.1	13.1	23.4	---	84.7	79.3	106.7	1800.4	-24.8

CZ COMPILED DATA 1 B.U.(AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1871	610	45000	773.3	99.1	---	4.1	12.9	22.6	---	84.3	79.4	107.1	1803.4	-25.0
1872	610	45500	772.9	98.7	---	4.1	12.9	22.5	---	84.0	79.7	107.0	1802.8	-24.6
1873	610	50000	774.4	98.3	16385.8	4.0	12.9	22.6	10295.6	83.8	79.8	106.6	1805.7	-25.0
1874	610	50500	777.3	97.9	---	4.0	12.7	22.9	---	83.6	79.7	106.2	1811.0	-25.3
1875	610	51000	775.2	97.5	---	4.0	12.7	23.7	---	83.4	79.7	105.5	1812.3	-24.7
1876	610	51500	774.4	97.1	---	4.2	12.7	23.8	---	83.2	79.7	104.8	1813.1	-24.9
1877	610	52000	776.1	96.7	---	4.2	13.0	24.0	---	83.1	79.8	104.2	1814.4	-25.0
1878	610	52500	773.3	96.4	---	4.2	12.6	24.9	---	83.0	79.9	103.6	1819.3	-25.1
1879	610	53000	774.8	96.0	16385.8	4.1	12.5	25.0	10295.6	83.0	79.8	103.1	1821.2	-24.9
1880	610	53500	774.2	95.6	---	4.1	12.6	25.4	---	82.9	79.9	102.6	1825.8	-25.0
1881	610	54000	774.2	95.2	---	4.0	12.5	25.4	---	82.8	79.9	102.1	1825.8	-24.9
1882	610	54500	774.4	94.9	---	4.0	12.5	26.3	---	82.7	80.0	101.7	1830.9	-25.0
1883	610	55000	775.8	94.5	---	4.3	12.5	26.3	---	82.7	80.1	101.3	1832.2	-25.0
1884	610	55500	776.3	94.1	---	4.2	12.5	26.3	---	82.7	80.2	100.9	1836.4	-24.9
1885	610	60000	775.4	93.9	16385.8	4.1	12.5	26.1	10295.6	82.6	80.2	100.5	1836.9	-24.9
1886	610	60500	774.4	93.7	---	4.0	12.5	26.4	---	82.5	80.2	100.2	1837.1	-24.9
1887	610	61000	771.2	93.3	---	4.1	12.5	26.7	---	82.5	80.1	99.9	1836.0	-25.1
1888	610	61500	774.6	93.0	---	4.0	12.6	26.4	---	82.5	80.0	99.6	1838.8	-25.2
1889	610	62000	776.7	92.8	---	4.0	12.5	26.6	---	82.3	79.9	99.3	1840.7	-25.0
1890	610	62500	778.2	92.5	---	3.9	12.5	26.7	---	82.2	79.8	99.0	1843.2	-25.0
1891	610	63000	774.8	92.2	16385.8	4.1	12.5	26.9	10295.6	82.2	79.9	98.8	1850.0	-25.0
1892	610	63500	772.5	92.0	---	4.2	12.5	27.1	---	82.1	79.8	98.6	1847.0	-24.9
1893	610	64000	772.9	92.0	---	4.1	12.5	27.3	---	82.2	79.9	98.3	1850.6	-25.0
1894	610	64500	775.2	91.7	---	4.0	12.5	27.2	---	82.4	80.1	98.2	1853.4	-25.0
1895	610	65000	776.5	91.5	---	4.0	12.4	27.4	---	82.6	80.2	98.0	1854.9	-25.1
1896	610	65500	783.5	91.2	---	4.1	12.1	27.2	---	82.8	80.4	97.8	1856.1	-25.3
1897	610	70000	785.8	91.1	16385.8	4.2	11.9	27.3	10295.6	83.2	80.6	97.6	1860.2	-24.8
1898	610	70500	787.1	90.9	---	4.0	11.8	27.2	---	83.8	80.8	97.5	1862.1	-25.0
1899	610	71000	789.4	90.9	---	4.0	11.6	27.1	---	84.2	81.3	97.3	1862.3	-24.8
1900	610	71500	793.0	90.7	---	4.3	11.6	27.3	---	84.6	81.6	97.2	1863.1	-24.8
1901	610	72000	807.8	90.7	---	4.1	11.5	27.4	---	85.2	82.0	97.1	1865.3	-25.0
1902	610	72500	812.3	90.8	---	4.0	11.3	27.4	---	86.0	82.3	97.0	1866.1	-25.1
1903	610	73000	815.5	90.9	16385.8	4.3	11.2	27.4	10295.6	87.0	82.9	96.9	1868.9	-24.4
1904	610	73500	818.4	91.0	---	4.1	11.1	27.3	---	88.2	83.6	96.9	1868.0	-24.7
1905	610	74000	814.8	91.1	---	4.1	10.8	27.5	---	89.5	84.4	96.9	1872.0	-24.9
1906	610	74500	816.3	91.5	---	4.1	9.0	27.5	---	90.7	85.4	96.9	1872.0	-25.0
1907	610	75000	820.3	91.8	---	4.1	8.8	27.4	---	91.9	86.3	96.9	1874.6	-24.8
1908	610	75500	835.8	91.9	---	4.1	7.9	27.4	---	92.9	87.5	96.9	1871.6	-24.8
1909	610	80000	836.0	92.0	16385.8	4.1	6.9	27.4	10295.6	93.8	88.8	96.9	1873.5	-24.6
1910	610	80500	840.7	92.3	---	4.1	6.3	27.4	---	94.4	89.2	96.8	1874.6	-24.7
1911	610	81000	842.2	92.5	---	4.1	5.2	27.4	---	94.9	89.7	96.7	1879.2	-24.8
1912	610	81500	843.0	92.7	---	3.9	5.0	27.4	---	95.3	90.2	96.7	1873.9	-24.7
1913	610	82000	843.0	92.8	---	4.0	3.2	27.4	---	95.3	90.0	96.6	1875.0	-24.9
1914	610	82500	834.3	92.9	---	3.5	.1	27.3	---	95.1	90.0	96.4	1875.6	-24.5
1915	610	83000	843.9	92.9	16385.8	3.5	.2	27.2	10295.6	94.9	90.1	96.3	1877.8	-25.3
1916	610	83500	858.9	93.0	---	3.5	.1	27.1	---	95.0	90.7	96.2	1878.4	-25.2
1917	610	84000	848.9	93.1	---	3.3	.1	27.3	---	95.3	91.5	96.1	1878.4	-24.0
1918	610	84427	836.1	93.3	---	2.8	.0	26.9	---	95.7	92.4	96.0	1880.7	-24.3
1919	610	84500	912.5	93.5	---	3.1	.3	26.6	---	96.0	92.1	96.0	1884.4	-24.9
1920	610	90000	821.4	93.5	16385.8	2.7	.0	27.0	10295.6	96.1	91.5	95.9	1886.6	-24.8
1921	610	91500	828.2	93.9	---	2.8	.0	26.5	---	96.2	91.7	95.7	1888.1	-24.9
1922	610	93000	821.1	94.2	---	3.5	.0	26.5	10295.6	96.5	91.8	95.4	1891.0	-24.7
1923	610	94500	851.4	94.5	---	3.8	.0	26.6	---	96.8	92.9	95.2	1897.6	-24.7
1924	610	100000	891.7	95.7	16385.8	3.7	.0	26.5	10295.6	99.4	95.6	95.2	1899.5	-24.9
1925	610	101500	1804.1	96.8	---	3.9	.0	26.6	---	101.5	97.5	95.2	1899.9	-24.8

CZ COMPILED DATA 1 B.U. (AUGUST-5-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1926	610	103000	1826.0	98.1	16385.8	3.7	.0	26.3	10295.6	103.9	98.7	95.4	1899.8	-24.7
1927	610	104500	1831.0	98.7	---	3.7	.0	26.3	---	104.1	98.9	95.5	1900.3	-25.0
1928	610	110000	1836.5	100.5	16385.8	3.7	.0	26.4	10295.6	108.5	102.3	95.6	1902.0	-24.8
1929	610	111500	1834.3	101.9	---	3.5	0.0	26.4	---	111.0	102.7	95.6	1901.7	-24.7
1930	610	113000	1839.1	103.0	16385.8	3.4	.0	26.4	10295.6	111.2	104.6	95.4	1903.2	-24.6
1931	610	114500	1840.1	104.3	---	3.2	.0	26.6	---	112.1	104.7	95.3	1907.8	-24.6
1932	610	120000	1841.8	104.4	16385.8	3.1	.0	26.4	10295.6	110.0	102.5	95.0	1909.8	-24.7
1933	610	121500	1845.4	105.1	---	3.4	.0	26.7	---	111.0	104.9	94.8	1913.2	-24.8
1934	610	123000	1848.8	107.0	16385.9	3.3	.0	27.1	10295.6	115.9	107.2	94.7	1913.2	-24.8
1935	610	124500	1850.4	108.7	---	3.1	0.0	27.3	---	119.0	109.4	94.7	1913.8	-24.8
1936	610	130000	1851.5	109.2	16385.9	2.6	-.0	26.4	10295.6	116.8	105.8	94.9	1915.3	-24.8

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1	610	134500	1858.4	101.3	---	2.6	.0	23.8	---	93.0	88.3	94.4	1926.0	-24.8
2	610	140000	1861.0	99.9	16385.9	2.9	.0	23.8	10338.9	91.1	87.9	93.9	1928.4	-24.9
3	610	141500	1862.3	98.6	---	3.0	.0	24.0	---	90.4	88.3	93.2	1934.8	-24.9
4	610	143000	1863.8	97.4	16385.9	3.1	.0	24.0	10338.9	89.8	86.3	92.5	1937.4	-24.7
5	610	144500	1866.3	94.4	---	3.2	.7	24.2	---	86.3	79.0	91.2	1944.1	-23.5
6	610	150000	1867.7	90.5	16385.9	4.0	1.2	24.1	10338.9	81.7	76.3	90.2	1949.2	-24.4
7	610	151500	1752.1	88.6	---	4.0	1.3	24.1	---	80.2	75.9	89.9	1950.2	-24.6
8	610	153000	1872.7	87.3	16385.9	4.1	1.3	24.1	10338.9	79.7	76.2	89.7	1950.9	-24.8
9	610	154500	1875.3	86.4	---	4.1	1.3	23.9	---	79.5	75.8	89.6	1953.8	-24.9
10	610	160000	1875.1	85.7	16385.9	4.3	1.2	23.7	10338.9	79.4	75.8	89.7	1956.0	-24.9
11	610	161500	1877.6	84.5	---	4.3	.9	23.2	---	79.3	75.6	89.6	1961.2	-24.8
12	610	163000	1880.0	83.3	16385.9	4.4	.7	22.6	10338.9	78.4	75.3	89.4	1962.8	-24.8
13	610	164500	1882.1	82.0	---	4.5	.9	22.4	---	77.8	74.6	89.1	1964.5	-24.8
14	610	170000	1884.3	80.8	16385.9	4.5	1.0	22.4	10338.9	77.1	74.2	88.8	1967.5	-24.8
15	610	171500	1887.2	80.3	---	4.5	.9	22.5	---	76.9	74.3	88.5	1973.6	-24.8
16	610	173000	1885.8	79.9	16385.9	4.5	.7	22.6	10338.9	77.1	74.4	88.3	1973.5	-24.4
17	610	174500	1893.2	79.4	---	4.5	.7	22.3	---	77.2	74.0	88.0	1974.9	-24.5
18	610	180000	1895.0	78.8	16385.9	4.6	0.0	21.9	10338.9	77.0	73.5	87.7	1975.1	-24.7
19	610	181500	1894.6	78.1	---	4.6	.0	21.5	---	76.4	73.1	87.4	1976.8	-24.8
20	610	183000	1898.1	77.4	16385.9	4.6	.1	21.3	10338.9	76.1	72.8	87.1	1976.9	-24.9
21	610	184500	1894.6	77.0	---	4.6	.3	21.3	---	75.8	73.1	86.8	1977.4	-24.7
22	610	190000	1902.0	76.9	16385.9	4.7	.4	21.3	10338.9	75.3	73.2	86.4	1982.0	-25.0
23	610	191500	1898.5	76.6	---	4.7	.4	21.0	---	75.1	73.2	86.2	1986.5	-24.7
24	610	193000	1899.9	76.5	16385.9	4.8	1.2	21.3	10338.9	75.2	73.3	85.9	1987.5	-24.7
25	610	194500	1903.5	90.7	---	5.0	10.3	21.3	---	174.6	73.5	86.9	1988.7	-24.8
26	610	200000	1901.9	154.8	16385.9	5.0	5.1	21.3	10338.9	593.9	73.6	86.8	1989.2	-24.9
27	610	201500	1902.7	144.6	---	5.0	4.5	21.3	---	291.4	71.9	85.9	1988.8	-24.8
28	610	203000	1904.1	152.1	16385.9	5.0	4.3	21.2	10338.9	395.9	70.0	86.9	2567.0	-24.8
29	610	204500	1901.7	152.8	---	5.0	4.3	21.0	---	368.0	123.2	86.3	2171.5	-24.7
30	610	210000	1906.0	285.2	16385.9	5.0	3.7	21.1	10338.9	166.5	99.6	85.1	2149.2	-24.9
31	610	211500	1904.9	247.4	---	5.0	6.1	21.0	---	108.6	78.2	84.4	2060.6	-25.0
32	610	213000	1910.9	220.9	16385.9	5.1	4.9	21.0	10338.9	106.4	73.8	84.1	2025.3	-24.9
33	610	214500	1911.5	169.4	---	5.1	4.3	20.6	---	94.6	72.8	84.2	2022.8	-25.1
34	610	220000	1911.0	145.4	16385.9	5.1	3.6	20.6	10338.9	89.2	72.6	83.9	2017.7	-25.1
35	610	221500	1914.5	188.8	---	5.1	1.3	20.3	---	97.1	72.3	83.7	2013.4	-24.9
36	610	223000	1914.0	162.2	16385.9	5.1	2.7	20.4	10338.9	90.1	72.1	84.1	2012.4	-25.1
37	610	224500	1915.5	122.3	---	5.1	1.9	20.3	---	81.8	72.0	93.0	2014.2	-25.1
38	610	230000	1914.5	129.1	16385.9	5.1	1.2	20.2	10338.9	83.7	71.9	109.8	2014.9	-25.1
39	610	231500	1914.5	224.7	---	5.1	1.3	19.9	---	100.5	71.7	123.2	2015.7	-24.9
40	610	233000	1912.3	336.5	16385.9	5.0	1.2	19.9	10338.9	106.8	71.5	136.8	2013.4	-25.0
41	610	234500	1912.1	406.6	---	5.0	1.2	19.8	---	108.7	71.3	121.0	2014.6	-25.0
42	611	0	1915.9	440.3	16385.9	5.0	1.1	19.8	10338.9	105.7	71.1	103.7	2021.4	-25.0
43	611	1500	1914.2	671.5	---	4.8	.9	19.6	---	126.4	71.0	101.0	2023.0	-25.1
44	611	3000	1917.0	673.9	16385.9	4.7	.9	19.3	10388.9	121.1	70.8	96.7	2025.0	-25.1
45	611	4500	1928.8	599.3	---	4.8	.9	19.1	---	114.9	70.8	92.5	2027.0	-25.1
46	611	90834	1960.0	84.4	---	5.0	2.5	20.0	---	95.8	89.2	83.2	2060.0	-24.8
47	611	91000	1964.6	84.7	---	5.0	2.6	20.0	---	96.3	88.9	83.2	2058.3	-25.1
48	611	91500	1964.8	85.0	---	5.1	2.4	20.0	---	96.6	89.7	83.2	2059.5	-24.7
49	611	92000	1961.0	85.5	---	5.1	2.4	19.9	---	97.3	90.4	83.4	2061.9	-24.8
50	611	92500	1963.6	86.0	---	5.1	2.4	20.1	---	97.8	91.1	83.5	2056.8	-24.9
51	611	93000	1962.7	86.6	---	5.1	2.4	20.1	0.0	98.1	91.5	83.6	2057.4	-24.8
52	611	93500	1958.7	87.0	---	5.1	2.5	20.3	---	98.1	91.3	83.6	2058.9	-24.8
53	611	94000	1966.5	87.4	---	5.2	2.2	20.1	---	98.1	92.1	83.8	2057.6	-24.8
54	611	94500	1962.9	88.1	---	5.1	1.6	20.2	---	98.7	93.7	84.0	2055.9	-24.9
55	611	95000	1964.4	88.9	---	5.2	1.5	20.1	---	99.8	95.0	84.2	2056.6	-24.8

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
56	611	95500	1964.8	89.6	---	5.2	1.3	20.0	---	100.9	95.6	84.3	2057.4	-24.9
57	611	100000	1963.3	90.0	0.0	5.1	1.3	20.2	0.0	101.4	96.1	84.3	2053.0	-24.8
58	611	100500	1965.0	90.6	---	5.1	1.3	20.2	---	101.9	96.4	84.8	2053.2	-24.8
59	611	101000	1963.8	90.9	---	5.1	1.3	19.8	---	101.7	95.6	84.8	2052.3	-24.8
60	611	101500	1963.6	91.2	---	5.1	1.3	20.2	---	101.3	95.6	84.5	2057.2	-24.8
61	611	102000	1964.8	91.4	---	5.1	1.3	20.2	---	100.9	95.6	84.3	2052.8	-24.8
62	611	102500	1965.0	91.9	---	5.1	1.3	20.5	---	100.8	95.9	84.5	2060.4	-24.9
63	611	103000	1964.8	92.4	0.0	5.0	1.5	20.4	0.0	101.0	96.8	84.9	2060.8	-24.7
64	611	103500	1965.3	93.1	---	5.1	1.5	20.7	---	101.8	97.9	85.1	2057.6	-24.9
65	611	104000	1965.7	93.8	---	5.2	1.4	20.7	---	103.3	99.7	84.8	2056.4	-24.8
66	611	104500	1968.2	94.8	---	5.1	1.3	20.6	---	105.3	100.8	84.5	2055.7	-24.9
67	611	104722	1965.6	95.5	---	5.1	1.3	20.8	---	106.5	101.2	84.7	2054.0	-24.8
68	611	110000	1965.3	96.6	0.0	5.3	1.3	20.9	0.0	108.3	101.8	85.1	2052.3	-24.9
69	611	111500	1968.2	98.4	---	5.5	1.2	21.0	---	109.9	102.4	85.1	2053.2	-24.8
70	611	113000	1968.2	99.9	0.0	5.5	1.3	21.0	0.0	110.6	102.9	84.1	2050.4	-24.9
71	611	114500	1970.5	101.2	---	5.5	1.2	21.2	---	111.1	102.9	84.0	2049.8	-24.8
72	611	120000	1972.1	101.8	0	5.2	1.9	20.6	0.0	109.6	100.0	84.0	2052.1	-25.0
73	611	121500	1972.3	101.1	---	5.0	2.0	20.4	---	104.8	97.0	83.8	2051.9	-24.6
74	611	121605	1970.8	100.8	---	5.0	2.9	20.2	---	102.5	96.0	83.6	2053.1	-24.8
75	611	123000	1974.2	100.4	0	4.9	3.2	20.1	0.0	101.0	95.4	83.5	2059.9	-24.9
76	611	124500	1975.7	99.9	---	4.9	3.7	20.1	---	99.2	95.7	83.3	2094.1	-24.6
77	611	130000	1971.8	99.8	0	4.9	3.1	20.4	0.0	110.1	95.7	83.1	2063.5	-24.7
78	611	131500	1975.4	99.1	---	4.6	2.7	20.3	---	134.9	95.0	82.8	2061.7	-24.9
79	611	133000	1976.3	97.0	0	4.5	2.5	20.4	0.0	107.9	99.8	82.3	2062.9	-24.8
80	611	134500	1974.9	95.3	---	4.5	2.5	20.5	---	150.4	91.8	82.1	2063.8	-24.8
81	611	140000	1978.8	93.0	0	4.8	2.8	20.2	0.0	151.4	85.8	81.5	2065.4	-24.7
82	611	141500	1974.0	87.4	---	5.0	7.6	20.0	---	115.3	79.4	80.2	2070.0	-24.7
83	611	143000	1975.0	83.8	0.0	5.5	1.1	19.6	0.0	103.7	86.2	80.0	2074.0	-24.7
84	612	0	-100.0	-100.0	0.0	-10.0	-100.0	-100.0	0.0	-100.0	-100.0	78.1	-100.0	-25.4
85	612	105000	1983.0	97.6	---	5.8	1.3	18.4	---	110.0	102.9	78.1	11.4	-25.4
86	612	105200	1981.3	97.9	---	5.9	1.3	18.3	---	110.1	102.8	78.2	11.5	-25.0
87	612	105300	1981.8	98.2	---	5.8	1.4	18.6	---	110.4	102.9	78.4	11.4	-25.0
88	612	105400	1983.0	98.5	---	5.9	1.7	18.9	---	110.7	102.8	78.5	10.2	-25.3
89	612	105500	1992.0	98.5	---	6.0	2.0	18.9	---	111.0	102.5	78.4	11.4	-24.9
90	612	105600	1987.5	98.7	---	6.0	1.4	18.9	---	111.0	102.1	78.2	12.5	-23.9
91	612	105700	1992.0	98.8	---	6.0	1.7	19.0	---	111.1	102.1	78.2	11.4	-24.3
92	612	110000	1991.2	99.0	0.0	6.1	2.4	19.0	0.0	111.3	102.7	78.4	12.9	-24.9
93	612	110500	1985.6	99.3	---	6.0	1.8	18.9	---	111.5	102.3	78.8	12.5	-24.9
94	612	111000	1988.6	99.3	---	6.0	1.5	19.0	---	110.8	101.5	78.7	12.3	-25.1
95	612	111500	1991.7	99.6	---	6.0	2.3	19.0	---	110.1	101.8	78.7	12.3	-25.0
96	612	112000	1991.5	99.7	---	6.1	2.4	18.9	---	109.4	101.0	78.4	12.1	-24.8
97	612	112500	1992.4	100.0	---	6.1	2.5	18.8	---	108.5	101.5	78.4	10.2	-24.9
98	612	113000	2000.4	100.5	0	6.3	3.0	19.2	0.0	108.2	101.9	78.4	13.3	-24.8
99	612	113257	1996.4	100.8	---	6.4	3.3	18.1	---	108.3	102.2	78.4	17.5	-25.0
100	612	113400	2000.0	101.0	---	6.4	3.6	19.4	---	108.4	102.9	78.4	12.5	-25.1
101	612	113500	1996.6	101.0	---	6.5	3.7	19.5	---	108.2	103.3	78.4	12.5	-25.0
102	612	113600	2000.0	101.0	---	6.5	3.7	19.5	---	108.5	103.3	78.4	12.5	-25.0
103	612	113700	1996.6	101.2	---	6.5	3.7	19.2	---	108.2	103.4	78.5	12.5	-24.7
104	612	113800	1994.3	101.2	---	6.3	3.4	19.1	---	108.4	103.4	78.5	12.5	-25.0
105	612	113900	1996.6	101.4	---	6.2	3.4	19.2	---	108.5	103.3	78.5	13.6	-25.2
106	612	114000	1994.3	101.6	---	6.3	3.7	19.1	---	108.5	103.2	78.6	12.5	-24.9
107	612	114100	2000.0	101.5	---	6.3	3.6	19.0	---	108.5	102.9	78.5	-3.4	-24.9
108	612	114200	1998.9	101.6	---	6.4	3.7	19.0	---	108.4	102.7	78.5	12.5	-24.7
109	612	114300	1996.6	101.7	---	6.2	2.7	19.2	---	108.2	102.3	78.5	14.8	-25.1
110	612	114400	2001.1	101.6	---	6.4	2.9	19.4	---	108.3	102.0	78.6	13.6	-25.1

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
111	612	114500	2000.0	101.5	---	6.2	2.9	18.8	---	108.2	101.7	78.6	12.5	-25.1
112	612	114600	1997.7	101.5	---	6.3	2.8	18.8	---	108.1	101.3	78.6	12.5	-25.0
113	612	114613	1993.8	101.5	---	6.2	2.5	19.4	---	108.0	101.3	78.6	12.5	-25.1
114	612	115000	2004.7	101.4	---	6.3	2.7	19.2	---	107.7	101.1	78.6	13.1	-25.6
115	612	115500	1573.9	98.2	---	6.3	2.7	18.9	---	107.0	100.4	78.6	12.1	-25.0
116	612	120000	1363.8	99.7	.0	6.3	3.0	18.9	0.0	106.5	101.1	78.7	12.9	-25.1
117	612	120500	1753.6	99.9	---	6.4	3.3	19.0	---	107.3	102.1	78.7	16.7	-25.1
118	612	121000	1799.8	100.3	---	6.5	3.7	19.6	---	108.7	102.6	78.8	12.1	-25.0
119	612	121500	1838.1	100.6	---	6.5	3.9	19.1	---	109.2	101.9	78.8	12.1	-25.1
120	612	122000	1858.5	100.8	---	6.5	3.8	19.2	---	109.2	102.5	78.8	11.7	-25.0
121	612	122500	1871.0	101.0	---	6.5	3.9	19.0	---	110.1	103.1	79.2	12.3	-25.0
122	612	123000	1888.8	101.6	.0	6.5	3.9	19.4	0.0	111.0	103.0	80.1	12.3	-25.0
123	612	123500	1897.9	102.3	---	6.5	4.9	19.8	---	111.7	103.1	79.8	12.9	-25.0
124	612	124000	1903.8	102.9	---	6.6	5.1	19.8	---	112.6	103.4	79.9	13.8	-25.0
125	612	124500	1908.2	103.4	---	6.6	5.0	20.1	---	113.4	103.6	80.4	12.9	-24.7
126	612	125000	1917.2	104.1	---	6.7	5.2	19.7	---	114.2	104.7	80.5	12.1	-25.0
127	612	125500	1921.8	104.6	---	6.7	6.1	19.4	---	114.6	104.5	80.0	12.5	-25.0
128	612	130000	1925.4	104.9	.0	6.6	6.2	19.1	0.0	114.4	103.6	79.9	11.4	-24.7
129	612	130500	1930.7	105.2	---	6.3	6.6	19.3	---	113.9	103.0	79.9	12.9	-24.8
130	612	131000	1932.4	105.3	---	6.2	6.4	19.3	---	113.0	102.6	79.8	12.5	-25.0
131	612	131500	1936.7	105.6	---	6.1	6.5	19.3	---	112.6	102.7	79.5	12.5	-24.7
132	612	132000	1939.0	105.8	---	6.1	7.5	19.3	---	113.3	103.4	79.8	11.4	-24.9
133	612	132500	1940.9	106.3	---	6.2	7.0	19.3	---	114.2	103.8	79.8	12.1	-25.0
134	612	133000	1940.3	106.7	.0	6.2	5.7	19.4	0.0	114.3	103.5	79.5	14.8	-24.8
135	612	133500	1946.8	106.9	---	6.1	5.5	19.1	---	113.5	102.8	79.6	12.3	-24.6
136	612	134000	1947.7	106.9	---	6.1	4.9	19.4	---	111.8	100.7	79.6	12.1	-24.7
137	612	134500	1950.0	106.8	---	6.0	3.6	19.1	---	110.2	100.2	79.4	12.7	-25.0
138	612	135000	1950.6	106.8	---	6.1	2.9	19.0	---	109.3	98.8	79.4	13.1	-24.7
139	612	135500	1952.1	107.0	---	6.0	1.8	18.8	---	106.3	91.1	79.2	14.8	-24.7
140	612	140000	1952.5	105.4	.0	6.0	1.4	18.7	0.0	99.5	85.5	78.7	12.5	-24.8
141	612	140500	1951.3	103.1	---	5.6	1.4	18.8	---	93.2	82.9	78.1	9.5	-24.8
142	612	141000	1959.3	101.6	---	5.5	1.4	18.8	---	89.1	82.4	77.8	12.7	-24.8
143	612	141500	1955.1	100.5	---	5.7	1.5	18.6	---	87.8	85.0	77.9	12.5	-24.7
144	612	142000	1960.2	99.8	---	5.9	1.5	17.9	---	88.8	87.8	77.9	11.9	-24.9
145	612	142500	1962.5	99.6	---	6.0	1.3	19.1	---	90.8	89.8	77.9	14.4	-25.1
146	612	143000	1960.2	99.7	.0	6.0	1.3	19.3	0.0	92.5	91.8	78.8	12.3	-24.7
147	612	143500	1960.0	99.7	---	6.0	1.2	19.1	---	93.7	91.9	78.8	12.7	-25.0
148	612	143945	1961.2	99.8	---	6.0	1.3	18.9	---	94.1	90.9	78.6	12.3	-24.9
149	612	144500	1957.6	99.3	---	6.0	1.2	19.0	---	94.0	90.3	78.4	12.9	-25.0
150	612	150000	1956.8	99.1	.0	6.0	1.3	18.9	0.0	93.2	89.4	77.9	11.4	-24.9
151	612	151500	1966.3	98.7	---	6.0	1.3	19.0	---	93.1	90.3	77.4	12.9	-25.1
152	612	153000	1969.4	98.6	.0	6.1	1.3	19.1	0.0	94.6	93.6	77.5	12.0	-25.0
153	612	154500	1971.9	99.1	---	6.8	1.3	19.2	---	97.7	96.9	77.6	13.4	-25.0
154	612	160000	1973.8	100.0	.0	7.7	1.0	19.6	0.0	100.8	100.0	77.7	13.7	-25.0
155	612	161500	1975.6	101.0	---	7.5	.3	19.1	---	102.8	101.7	77.8	13.5	-25.0
156	612	163000	1974.3	101.8	.0	7.6	.7	19.1	0.0	104.5	103.6	77.7	13.6	-25.0
157	612	164500	1976.7	102.7	---	7.6	1.3	19.4	---	106.0	118.1	77.8	13.3	-24.9
158	612	170000	1978.1	102.4	.0	7.6	1.1	19.0	0.0	102.7	98.6	77.7	13.1	-25.0
159	612	171500	1980.4	100.4	---	7.5	.5	18.8	---	96.2	94.6	77.3	14.3	-24.8
160	612	173000	1982.2	99.4	.0	7.0	1.1	19.0	0.0	93.1	93.2	77.2	14.2	-24.9
161	612	174500	1985.3	98.5	---	7.0	1.2	19.1	---	91.1	91.6	76.9	14.3	-24.7
162	612	180000	1986.0	97.8	.0	7.1	1.3	19.1	0.0	90.9	91.8	76.7	15.0	-24.8
163	612	181500	1986.9	97.3	---	7.1	1.2	19.5	---	93.3	92.6	76.8	15.6	-24.7
164	612	183000	1984.4	96.9	.0	6.7	.6	19.4	0.0	94.0	91.1	76.7	16.4	-24.8
165	612	184500	1988.5	96.3	---	6.6	.7	19.4	---	93.5	90.0	76.6	17.3	-24.9

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
166	612	190000	1988.7	95.6	.0	6.6	.5	18.7	0.0	93.3	89.0	76.6	17.8	-24.7
167	612	191500	1989.0	94.8	---	6.6	.5	19.1	---	92.8	87.9	76.6	22.3	-24.7
168	612	193000	1994.5	94.1	.0	6.6	.6	19.1	0.0	91.7	86.6	76.5	21.7	-24.6
169	612	194500	1992.9	93.5	---	6.6	.6	18.9	---	90.2	85.3	76.4	24.2	-24.9
170	612	200000	1995.0	92.7	.0	6.6	.7	18.9	0.0	88.2	83.8	76.2	24.4	-24.9
171	612	201500	1996.5	91.9	---	6.7	.5	19.0	---	86.8	82.8	76.1	22.4	-24.8
172	612	203000	1995.0	91.0	.0	6.7	.7	18.9	0.0	84.2	80.8	75.9	22.6	-24.8
173	612	204500	1997.3	90.2	---	6.8	1.1	18.9	---	82.7	80.0	75.7	24.4	-24.7
174	612	210000	1998.8	89.5	.0	6.9	1.2	18.9	0.0	81.8	79.4	75.5	23.7	-24.8
175	612	211500	1999.2	88.7	---	7.0	1.2	19.0	---	81.0	78.8	75.4	23.8	-24.9
176	612	213000	1998.4	88.0	.0	7.0	1.2	18.8	0.0	80.2	78.3	75.2	24.6	-24.9
177	612	214500	2002.2	87.2	---	7.0	1.2	18.7	---	79.5	77.8	75.1	24.8	-24.9
178	612	220000	2005.7	86.6	.0	7.0	1.3	18.8	0.0	79.1	77.4	75.1	24.4	-24.9
179	612	221500	2002.8	86.0	---	7.1	1.3	18.7	---	78.7	77.0	74.9	26.2	-24.8
180	612	223000	2003.1	85.4	.0	7.0	1.3	18.7	0.0	78.3	76.7	74.8	24.0	-24.9
181	612	224500	2002.9	84.8	---	7.0	1.3	18.6	---	78.0	76.5	74.7	24.2	-24.9
182	612	230000	2005.6	84.2	.0	7.0	1.3	18.6	0.0	77.8	76.0	74.6	25.5	-24.9
183	612	231500	2002.5	83.7	---	7.0	1.3	18.5	---	77.6	75.7	74.5	24.4	-25.0
184	612	233000	2007.6	83.0	.0	7.0	1.3	18.7	0.0	77.3	75.4	74.4	26.2	-25.0
185	612	234500	2009.3	82.6	---	7.0	1.3	18.6	---	77.0	75.2	74.3	25.3	-25.1
186	613	0	2009.2	82.1	.0	7.0	1.3	18.6	0.0	76.7	75.0	74.1	25.1	-25.0
187	613	1500	2010.2	81.8	---	7.0	1.3	18.9	---	76.5	74.8	74.1	25.2	-25.0
188	613	3000	2011.9	81.3	.0	7.0	1.3	18.5	0.0	76.2	74.4	74.0	26.2	-25.0
189	613	4500	2012.0	80.9	---	7.1	1.3	18.3	---	75.9	74.2	73.9	25.6	-24.9
190	613	10000	2013.7	80.6	.0	7.0	1.3	18.2	0.0	75.6	73.8	73.9	25.1	-25.0
191	613	11500	2013.0	80.2	---	7.1	1.3	18.8	---	75.3	73.8	73.8	23.9	-24.9
192	613	13000	2013.5	79.7	.0	7.1	1.3	17.9	0.0	75.6	73.8	73.7	24.9	-25.0
193	613	14500	2014.3	79.2	---	7.1	1.3	17.8	---	75.7	73.8	73.7	23.4	-24.8
194	613	20000	2013.5	79.0	.0	7.1	1.3	17.7	0.0	75.3	73.6	73.6	25.6	-25.0
195	613	21500	2018.2	78.7	---	7.1	1.3	17.7	---	75.0	73.2	73.6	24.7	-24.9
196	613	23000	2015.2	78.3	.0	7.1	1.3	17.7	0.0	74.7	72.9	73.4	24.4	-25.0
197	613	24500	2013.6	78.0	---	7.1	1.2	17.7	---	74.4	73.0	73.4	24.9	-24.8
198	613	30000	2015.9	77.8	.0	7.1	1.3	17.6	0.0	74.6	73.2	73.3	26.5	-24.9
199	613	31500	2018.1	77.6	---	7.1	1.3	17.6	---	74.7	73.0	73.2	24.8	-24.9
200	613	33000	2020.5	77.2	.0	7.1	1.3	17.6	0.0	74.4	72.5	73.2	25.2	-25.0
201	613	34500	2019.9	77.1	---	7.1	1.2	17.6	---	74.1	72.7	73.1	24.7	-24.9
202	613	40000	2021.8	76.7	.0	7.1	1.3	17.5	0.0	73.8	72.3	73.1	25.0	-25.0
203	613	41500	2282.3	76.7	---	7.1	1.3	17.5	---	73.7	72.3	73.0	25.7	-24.9
204	613	43000	1032.2	77.8	.0	7.1	1.8	17.6	0.0	73.8	72.4	72.9	25.1	-25.0
205	613	44500	1504.8	83.6	---	7.1	1.3	17.5	---	73.8	72.3	72.9	25.1	-25.0
206	613	50000	1761.5	82.5	.0	7.1	1.2	17.5	0.0	73.6	72.1	72.7	25.3	-25.0
207	613	51500	1832.1	80.7	---	7.1	1.3	17.5	---	73.5	72.2	72.7	24.4	-25.1
208	613	53000	1862.2	79.7	.0	7.1	1.3	17.5	0.0	73.5	71.9	72.6	25.9	-25.0
209	613	54500	1894.6	79.1	---	7.1	1.3	17.5	---	73.3	71.8	72.5	25.5	-24.8
210	613	60000	1909.8	78.7	.0	7.1	1.2	17.5	0.0	73.4	72.0	72.4	25.7	-25.1
211	613	61500	1924.7	78.3	---	7.1	1.3	17.5	---	73.7	72.3	72.3	24.6	-25.0
212	613	63000	1932.7	78.2	.0	7.1	1.3	17.5	0.0	73.9	72.6	72.2	26.5	-25.0
213	613	64500	1663.8	80.2	---	7.2	1.3	17.7	---	74.2	72.7	72.1	25.5	-25.0
214	613	70000	1718.0	85.9	.0	7.2	1.3	17.6	0.0	74.9	73.1	72.2	26.0	-25.0
215	613	71500	1849.4	84.0	---	7.2	1.3	17.4	---	77.1	74.2	72.3	28.8	-24.8
216	613	73000	1881.6	82.7	.0	7.1	1.2	17.5	0.0	80.3	76.1	72.5	23.5	-25.1
217	613	74500	1908.7	82.8	---	7.2	1.2	17.6	---	84.2	77.9	72.8	25.3	-24.9
218	613	80000	1921.7	83.7	.0	7.2	1.3	17.7	0.0	87.2	79.4	73.1	23.9	-24.8
219	613	81500	1928.8	84.9	---	7.1	1.3	17.9	---	89.6	83.6	73.3	23.5	-24.9
220	613	83000	1939.9	86.3	.0	7.2	1.3	18.2	0.0	92.8	94.6	73.6	24.0	-25.1

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
221	613	84500	1945.4	87.9	---	7.1	1.2	18.2	---	95.4	93.6	73.8	21.9	-24.9
222	613	90000	1949.9	88.7	.0	7.1	1.2	18.1	0.0	95.4	91.8	73.7	21.4	-25.0
223	613	91500	1952.5	89.3	---	7.1	1.2	18.0	---	95.5	92.1	73.8	23.0	-24.9
224	613	93000	1360.5	90.6	.0	7.2	1.3	18.0	0.0	95.1	96.7	73.8	24.0	-24.8
225	613	94500	1468.2	93.9	---	7.3	1.4	18.4	---	98.1	106.4	74.1	28.1	-24.9
226	613	100000	1765.2	94.2	.0	7.2	2.8	18.7	0.0	101.3	106.4	74.4	17.8	-24.9
227	613	101500	1822.7	94.2	---	7.1	1.9	18.6	---	102.9	108.3	74.5	17.6	-24.9
228	613	103000	1854.3	95.2	.0	7.0	1.4	18.8	0.0	104.7	104.5	74.6	17.1	-24.8
229	613	104500	1877.7	96.7	---	7.0	1.3	19.0	---	106.4	103.3	74.8	14.5	-25.0
230	613	110000	1895.1	98.3	.0	7.0	1.2	18.9	0.0	108.2	103.4	74.9	12.6	-24.8
231	613	111500	1905.9	98.8	---	7.0	1.2	18.9	---	108.0	101.7	75.0	12.1	-24.9
232	613	113000	1920.3	99.6	.0	7.0	1.3	18.9	0.0	107.8	112.2	75.1	12.2	-25.0
233	613	114500	1926.3	100.9	---	7.0	1.2	19.0	---	109.3	131.7	75.1	12.0	-24.7
234	613	120000	1950.0	101.7	.0	7.0	1.2	19.1	0.0	108.4	138.4	75.2	11.9	-24.9
235	613	121500	1947.8	102.4	---	6.9	1.3	19.0	---	109.4	184.2	75.3	11.9	-24.8
236	613	123000	1940.6	103.8	.0	7.0	1.2	18.8	0.0	111.4	258.9	75.4	12.7	-24.6
237	613	124500	1944.3	103.9	---	7.0	1.2	18.7	---	110.3	322.8	75.6	12.2	-24.9
238	613	130000	1949.0	105.4	.0	7.0	1.3	18.7	0.0	113.4	285.7	75.8	12.2	-24.9
239	613	131500	1951.5	106.3	---	7.0	1.4	18.7	---	114.8	340.6	75.9	11.9	-24.8
240	613	133000	1954.2	107.7	.0	7.0	1.3	18.8	0.0	116.2	325.7	75.9	11.5	-24.8
241	613	134500	1957.4	108.5	---	6.9	1.3	18.9	---	117.1	334.8	76.1	11.0	-24.9
242	613	140000	1960.2	108.4	.0	6.6	1.2	18.9	0.0	116.1	281.3	76.0	9.4	-24.8
243	613	141500	1170.7	102.9	---	6.6	1.2	18.8	---	114.7	183.2	76.1	11.9	-24.9
244	613	143000	1573.2	102.6	.0	6.3	1.2	18.6	0.0	111.6	126.4	76.2	10.5	-24.9
245	613	144500	1766.0	103.0	---	6.1	1.2	18.3	---	108.4	107.1	76.1	10.5	-24.9
246	613	150000	1825.5	101.8	.0	6.0	1.2	18.2	0.0	101.0	100.5	75.7	10.1	-24.7
247	613	150800	1848.6	102.1	---	6.0	1.2	18.2	---	102.0	104.0	75.8	11.6	-24.9
248	613	151500	1863.3	101.0	---	5.7	1.0	17.7	---	99.4	91.4	75.4	10.5	-24.7
249	613	153000	1876.8	95.5	.0	5.5	1.2	17.6	0.0	89.9	82.4	74.4	14.7	-25.0
250	613	154500	1894.8	91.4	---	5.4	1.2	17.7	---	83.0	78.7	73.8	11.2	-24.9
251	613	160000	1905.1	89.7	.0	5.4	1.2	17.5	0.0	81.3	80.1	73.5	13.7	-24.8
252	613	161500	1916.7	89.9	---	5.5	1.2	17.8	---	83.6	84.6	73.5	15.6	-24.7
253	613	163000	1926.5	91.0	.0	5.6	1.2	18.1	0.0	88.1	88.4	73.6	13.3	-24.8
254	613	164500	1929.7	92.2	---	5.6	.9	18.3	---	91.5	90.4	73.6	13.1	-24.9
255	613	170000	1939.0	93.3	.0	5.6	.7	18.5	0.0	94.2	93.2	73.7	14.4	-24.9
256	613	171500	1945.5	94.2	---	5.6	.5	18.7	---	96.4	93.9	73.8	14.2	-24.9
257	613	173000	1950.9	95.0	.0	7.7	.4	18.5	0.0	98.1	95.6	73.8	14.4	-24.9
258	613	174500	1950.8	95.6	---	9.5	.3	18.6	---	99.9	98.1	74.0	14.0	-24.8
259	613	180000	1953.2	96.3	.0	9.5	.2	18.7	0.0	101.5	98.8	74.1	13.8	-24.7
260	613	181500	1958.7	96.4	---	9.5	.0	18.7	---	102.0	96.5	74.1	14.2	-24.8
261	613	183000	1963.6	95.7	.0	9.5	.2	18.3	0.0	100.9	94.5	74.1	15.1	-24.7
262	613	184500	1964.4	95.0	---	9.3	.5	18.5	---	99.5	92.6	73.9	15.9	-24.9
263	613	190000	1968.4	94.0	.0	9.2	.6	18.6	0.0	96.9	90.4	73.8	15.2	-25.0
264	613	191500	1971.2	93.2	---	9.3	.5	18.4	---	95.8	90.3	73.7	18.1	-24.9
265	613	193000	1974.0	92.5	.0	9.2	.7	18.7	0.0	94.5	88.9	73.6	17.0	-25.1
266	613	194500	1975.5	91.8	---	8.8	.4	18.5	---	92.7	87.6	73.4	17.6	-24.7
267	613	200000	1976.3	90.9	.0	8.6	.4	18.5	0.0	90.3	86.0	73.3	19.0	-24.9
268	613	201500	1976.0	90.1	---	8.9	.7	18.4	---	87.9	84.5	73.1	18.5	-24.9
269	613	202215	1977.8	89.4	---	8.5	.5	18.5	---	86.5	83.1	73.0	18.8	-24.8
270	613	202240	1979.2	89.3	---	8.5	1.3	18.8	---	86.2	83.0	72.9	29.2	-25.0
271	613	202300	1983.3	90.5	---	8.5	1.3	18.8	---	86.0	82.7	72.9	20.8	-24.5
272	613	202320	1979.2	89.2	---	8.5	.6	18.3	---	86.0	82.7	72.9	20.8	-24.7
273	613	202340	1979.2	89.2	---	8.5	1.3	18.8	---	86.0	82.5	72.9	12.5	-24.8
274	613	202400	1975.0	89.2	---	8.5	.6	18.3	---	85.7	82.7	73.0	16.7	-24.9
275	613	202420	1979.2	89.2	---	8.5	1.3	17.9	---	85.8	83.0	72.9	20.8	-24.8

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
276	613	202440	1983.3	89.2	---	8.5	1.3	18.3	---	85.8	83.0	72.9	16.7	-24.9
277	613	202450	1987.5	89.5	---	8.5	1.3	18.8	---	86.0	82.5	72.9	25.0	-25.5
278	613	202500	1987.5	89.0	---	8.5	1.3	18.8	---	86.0	82.5	73.0	12.5	-24.9
279	613	203000	1980.6	89.1	.0	8.6	1.0	18.5	0.0	85.5	82.3	72.9	20.9	-24.9
280	613	203500	1981.1	88.7	---	8.5	1.0	18.4	---	85.0	82.0	72.9	21.4	-24.7
281	613	203540	1985.7	88.5	---	8.5	1.3	18.4	---	84.9	81.8	72.8	19.6	-24.9
282	613	203600	1975.0	88.5	---	8.5	.3	18.1	---	85.0	81.5	72.8	18.8	-24.3
283	613	203620	1983.3	88.7	---	8.7	.6	18.3	---	85.0	81.7	72.8	25.0	-24.8
284	613	203638	1979.2	88.5	---	8.5	1.3	18.3	---	84.7	81.5	72.8	16.7	-24.8
285	613	203720	1977.5	88.5	---	8.6	1.3	17.8	---	84.6	81.7	72.8	17.5	-25.3
286	613	203740	1987.5	88.5	---	8.7	1.3	18.8	---	84.7	82.0	72.8	25.0	-24.8
287	613	203800	1979.2	88.3	---	8.5	1.6	18.3	---	84.7	81.7	72.8	25.0	-25.0
288	613	203820	1979.2	88.5	---	8.7	1.3	17.5	---	84.5	81.7	72.8	20.8	-24.3
289	613	203840	1981.3	88.3	---	8.5	1.3	18.1	---	84.3	81.8	72.7	25.0	-24.9
290	613	203918	1975.0	88.3	---	8.5	.3	18.1	---	84.3	78.8	72.8	18.8	-24.8
291	613	204000	1981.3	88.0	---	8.5	.3	18.8	---	84.5	81.8	72.8	18.8	-23.9
292	613	204020	1979.2	88.3	---	8.5	.1	18.3	---	84.2	81.8	72.8	16.7	-24.7
293	613	204040	1983.3	88.2	---	8.5	.1	17.9	---	84.3	82.0	72.7	20.8	-24.9
294	613	204100	1979.2	88.3	---	8.5	1.3	18.3	---	84.2	81.8	72.8	20.8	-25.4
295	613	204115	1981.3	88.3	---	7.7	.3	18.1	---	84.0	81.5	72.8	25.0	-24.6
296	613	204200	1980.0	88.2	---	6.9	.2	18.3	---	84.2	81.8	72.8	27.5	-24.9
297	613	204220	1975.0	88.3	---	7.0	.6	18.8	---	84.0	81.5	72.8	25.0	-24.9
298	613	204240	1970.8	88.0	---	7.0	0.0	18.8	---	84.0	81.8	72.7	25.0	-24.7
299	613	204300	1987.5	88.2	---	7.0	.6	18.8	---	84.0	81.7	72.8	20.8	-24.5
300	613	204315	1981.3	88.0	---	7.0	.3	18.1	---	84.3	82.0	72.8	18.8	-24.8
301	613	204340	1981.3	88.0	---	7.0	1.3	18.8	---	84.0	81.3	72.8	12.5	-25.0
302	613	204400	1979.2	88.0	---	7.0	1.3	17.5	---	84.0	81.5	72.8	20.8	-24.7
303	613	204407	1975.0	88.0	---	7.0	1.3	18.8	---	84.0	81.0	72.8	25.0	-25.3
304	613	204420	1987.5	88.0	---	7.0	1.3	18.8	---	84.0	81.5	72.8	12.5	-24.9
305	613	204440	1987.5	88.0	---	7.0	1.3	18.8	---	84.0	81.0	72.8	25.0	-25.1
306	613	204500	1979.2	88.0	---	7.0	1.3	18.3	---	84.0	81.2	72.8	20.8	-24.9
307	613	204520	1979.2	88.2	---	7.0	1.3	18.3	---	83.8	81.2	72.8	25.0	-25.3
308	613	204530	1975.0	87.5	---	7.0	1.3	18.8	---	84.0	81.0	72.8	25.0	-25.4
309	613	204540	1975.0	88.5	---	7.0	1.3	18.8	---	84.0	81.0	72.8	25.0	-24.8
310	613	204620	1979.2	87.8	---	7.0	1.3	18.8	---	84.0	81.7	72.8	25.0	-25.1
311	613	204700	1981.3	87.5	---	7.0	.3	17.5	---	83.8	81.3	72.8	18.8	-25.2
312	613	204720	1987.5	88.0	---	7.0	1.3	18.8	---	83.5	81.2	72.7	20.8	-24.3
313	613	204730	1987.5	88.0	---	7.0	1.3	17.5	---	84.0	81.5	72.8	25.0	-25.3
314	613	204740	2000.0	88.0	---	7.0	1.3	17.5	---	84.0	81.5	72.8	12.5	-24.5
315	613	204820	1987.5	87.8	---	7.2	1.3	18.8	---	83.8	81.3	72.8	12.5	-25.3
316	613	204840	1987.5	87.8	---	7.2	.6	17.9	---	83.8	81.5	72.7	20.8	-25.1
317	613	204900	1979.2	87.5	---	7.7	1.3	18.8	---	83.8	81.0	72.7	25.0	-25.2
318	613	204920	1983.3	87.7	---	8.0	1.3	18.3	---	83.7	81.3	72.8	20.8	-24.9
319	613	204940	1987.5	87.8	---	8.0	1.3	18.1	---	83.5	81.3	72.7	18.8	-24.9
320	613	205000	1979.2	87.5	---	8.0	1.3	18.3	---	83.5	81.3	72.8	16.7	-25.1
321	613	205020	1987.5	87.7	---	8.0	.6	17.5	---	83.3	81.3	72.7	20.8	-24.7
322	613	205040	1975.0	87.7	---	8.0	1.3	17.9	---	83.5	81.0	72.7	16.7	-24.7
323	613	205100	1979.2	87.7	---	8.0	.1	17.9	---	83.3	81.5	72.7	16.7	-24.8
324	613	205120	1983.3	87.5	---	8.0	.6	17.9	---	83.5	81.0	72.8	16.7	-24.7
325	613	205140	1987.5	88.0	---	8.0	1.3	18.3	---	83.0	81.2	72.7	25.0	-25.1
326	613	205200	1979.2	87.8	---	8.0	1.3	17.9	---	83.2	81.5	72.7	25.0	-25.1
327	613	205220	1983.3	87.5	---	8.0	.6	18.3	---	83.5	80.8	72.7	25.0	-24.4
328	613	205240	1983.3	87.5	---	8.0	.6	18.3	---	83.0	80.5	72.6	25.0	-24.4
329	613	205300	1987.5	87.7	---	8.0	1.3	18.8	---	83.0	81.0	72.7	25.0	-25.2
330	613	205320	1983.3	87.5	---	8.0	1.3	17.5	---	83.3	80.8	72.6	25.0	-25.2

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	PW	TW	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
331	613	205338	1983.3	87.5	---	8.2	1.3	18.3	---	83.2	81.0	72.7	25.0	-24.8
332	613	210000	1980.2	87.3	.0	8.4	1.1	18.3	0.0	82.9	80.8	72.6	21.6	-24.8
333	613	211500	1984.8	87.0	---	9.3	1.1	18.1	---	82.3	80.4	72.6	22.3	-24.9
334	613	213000	1985.9	86.3	.0	11.3	1.3	17.6	0.0	81.5	79.8	72.5	21.8	-24.9
335	613	214500	1987.8	85.7	---	10.3	1.3	17.8	---	81.1	79.0	72.5	23.6	-25.0
336	613	220000	1988.1	85.1	.0	10.0	1.2	17.6	0.0	80.6	78.4	72.4	24.5	-25.0
337	613	221500	1988.7	84.6	---	9.7	1.2	17.9	---	80.1	77.7	72.3	25.0	-24.9
338	613	223000	1990.7	84.1	.0	9.4	1.2	17.7	0.0	79.5	77.1	72.2	23.7	-24.9
339	613	224500	1992.0	83.5	---	9.1	1.3	17.6	---	79.1	76.7	72.1	24.7	-24.9
340	613	230000	1994.7	82.9	.0	9.2	1.2	17.8	0.0	78.6	76.3	71.9	24.1	-25.0
341	613	231500	1996.6	82.4	---	9.1	1.2	17.8	---	78.2	76.1	71.8	22.6	-24.9
342	613	233000	1996.4	82.0	.0	9.1	1.2	17.7	0.0	77.9	75.8	71.7	24.0	-25.0
343	613	234500	1997.2	81.6	---	9.2	1.3	17.7	---	77.5	75.4	71.6	22.7	-24.8
344	614	0	1999.4	80.8	.0	9.1	1.2	17.6	0.0	76.8	74.9	71.4	25.3	-24.9
345	614	1500	1999.4	80.8	---	9.1	1.2	17.6	---	76.8	74.9	71.4	25.3	-24.9
346	614	3000	2001.1	80.3	.0	9.0	1.3	17.6	0.0	76.2	74.4	71.3	24.3	-25.0
347	614	4500	2003.7	79.8	---	9.1	1.2	17.4	---	76.1	74.3	71.3	23.5	-24.9
348	614	10000	2004.5	79.4	.0	8.7	1.2	17.6	0.0	75.9	74.2	71.2	25.0	-24.9
349	614	11500	2008.3	79.1	---	10.0	1.3	17.6	---	75.5	73.8	71.2	25.3	-24.9
350	614	13000	2006.8	78.7	.0	9.0	1.3	17.6	0.0	75.1	73.7	71.1	23.6	-24.9
351	614	14500	2006.4	78.3	---	9.1	1.3	17.5	---	74.9	73.3	71.0	26.2	-25.0
352	614	20000	2009.1	78.1	.0	9.4	1.3	17.5	0.0	74.8	73.6	71.0	27.7	-24.9
353	614	21500	2009.4	77.8	---	9.7	1.3	17.5	---	75.0	73.5	70.8	25.9	-24.9
354	614	23000	2010.2	77.5	.0	10.3	1.3	17.5	0.0	75.1	73.4	70.7	25.0	-24.8
355	614	24500	2012.6	77.2	---	10.3	1.2	17.4	---	74.9	73.3	70.6	25.1	-24.9
356	614	30000	2012.7	77.0	.0	10.3	1.2	17.8	0.0	74.7	73.2	70.6	25.2	-25.1
357	614	31500	2011.7	76.7	---	10.9	1.2	17.5	---	74.4	73.1	70.5	26.3	-24.9
358	614	33000	2016.4	76.5	.0	10.6	1.2	17.5	0.0	74.4	73.1	70.4	25.6	-25.0
359	614	34500	2010.1	76.2	---	10.7	1.3	17.5	---	74.4	72.8	70.4	25.4	-25.0
360	614	40000	2013.3	76.1	.0	10.8	1.3	17.3	0.0	74.1	72.3	70.3	25.5	-24.8
361	614	41500	2014.1	75.9	---	10.8	1.3	17.3	---	73.9	72.6	70.2	26.3	-24.8
362	614	43000	2012.9	75.7	.0	10.4	1.2	17.4	0.0	74.0	72.5	70.1	23.7	-24.8
363	614	44500	2014.5	75.4	---	10.4	1.2	17.3	---	74.0	72.2	70.1	26.3	-25.1
364	614	50000	2015.5	75.2	.0	10.3	1.2	17.4	0.0	73.7	72.1	70.0	26.0	-25.0
365	614	51500	2015.6	75.0	---	10.4	1.2	17.3	---	73.5	72.2	70.0	25.4	-25.0
366	614	53000	2016.6	74.8	.0	11.0	1.3	17.2	0.0	73.3	71.8	69.9	26.0	-25.1
367	614	54500	2017.7	74.7	---	11.0	1.2	17.0	---	73.1	71.4	69.9	25.2	-24.9
368	614	60000	2020.0	74.5	.0	11.4	1.2	16.8	0.0	72.8	71.6	69.9	25.6	-25.0
369	614	61500	794.8	81.9	---	11.5	1.2	16.7	---	73.1	71.9	70.0	25.6	-24.8
370	614	63000	1149.3	85.8	.0	12.1	1.3	16.6	0.0	73.3	71.7	70.0	24.9	-24.9
371	614	64500	1636.7	83.4	---	12.1	1.3	16.5	---	73.5	72.2	69.9	25.3	-25.1
372	614	70000	1743.1	81.0	.0	12.5	1.2	16.6	0.0	75.0	73.3	69.9	26.5	-25.0
373	614	71500	1803.1	80.9	---	12.6	1.2	16.5	---	77.5	74.3	70.0	25.2	-24.9
374	614	73000	1843.9	81.5	.0	12.6	1.2	16.8	0.0	80.7	75.6	70.2	25.4	-24.9
375	614	74500	1874.2	82.5	---	12.6	1.2	17.1	---	84.1	77.2	70.4	25.1	-24.9
376	614	80000	1898.7	83.7	.0	12.9	1.2	17.5	0.0	87.2	79.2	70.6	25.0	-24.9
377	614	81500	1913.6	85.0	---	13.0	1.2	17.5	---	90.4	82.1	70.9	24.7	-25.0
378	614	83000	1927.8	86.2	.0	13.0	1.2	17.5	0.0	92.9	85.7	71.1	23.8	-24.9
379	614	84500	1934.7	87.6	---	13.0	1.1	17.5	---	96.0	89.6	71.3	22.2	-24.7
380	614	90000	1944.8	89.3	.0	13.0	.7	17.5	0.0	99.4	92.2	71.6	22.3	-24.9
381	614	91500	1947.4	90.7	---	12.8	.5	17.5	---	101.9	93.6	71.7	20.1	-24.7
382	614	93000	1953.1	92.2	.0	12.7	.2	17.5	0.0	103.7	95.1	71.9	18.2	-24.8
383	614	94500	1957.4	93.9	---	13.0	.2	17.6	---	105.0	96.3	72.1	16.3	-24.9
384	614	100000	1963.7	95.5	.0	12.9	.2	17.6	0.0	106.3	97.0	72.3	15.9	-24.9
385	614	101500	1967.7	96.3	---	12.7	.1	17.6	---	105.7	97.4	72.4	14.9	-24.9

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
386	614	103000	1972.7	96.7	.0	12.5	.1	17.6	0.0	104.9	95.6	72.5	13.3	-25.0
387	614	104500	1975.6	97.1	---	12.4	.1	17.6	---	104.4	95.6	72.5	13.4	-24.8
388	614	110000	1745.3	97.2	.0	12.3	.2	17.7	0.0	106.2	97.5	72.6	13.6	-24.8
389	614	111500	1396.4	97.3	---	12.4	.1	17.8	---	107.0	96.9	72.6	10.7	-24.9
390	614	113000	1804.8	98.1	.0	12.1	.1	17.9	0.0	106.5	96.8	72.6	12.4	-24.6
391	614	114500	1863.4	98.8	---	12.0	.1	17.8	---	107.2	97.4	72.7	12.5	-24.8
392	614	120000	1900.2	99.6	.0	11.6	.1	18.1	0.0	107.3	98.2	72.7	12.6	-24.9
393	614	121500	1917.2	101.1	---	11.2	.0	18.1	---	110.0	99.8	72.8	13.0	-24.9
394	614	123000	1933.3	102.2	.0	11.1	.0	18.1	0.0	111.1	100.1	72.9	11.5	-25.0
395	614	124500	1945.9	103.7	---	11.0	.0	18.1	---	112.5	101.0	73.0	11.5	-24.9
396	614	130000	1953.6	104.6	.0	10.9	.0	18.1	0.0	112.7	100.9	73.1	11.0	-24.9
397	614	131500	1962.8	105.5	---	10.7	.0	18.1	---	112.7	100.3	73.1	11.1	-24.8
398	614	133000	2093.9	105.6	.0	10.6	.0	18.0	0.0	109.3	98.8	73.0	10.6	-24.9
399	614	134500	2247.4	105.8	---	10.5	.0	17.8	---	109.8	100.6	73.2	13.3	-25.0
400	614	140000	1981.7	105.3	.0	10.3	.0	17.7	0.0	108.5	98.0	73.4	10.3	-24.9
401	614	141500	1907.6	105.0	---	10.2	.0	17.6	---	107.0	99.1	73.4	10.8	-24.8
402	614	143000	1876.9	105.6	.0	10.2	.0	17.6	0.0	108.9	100.5	73.5	11.7	-24.7
403	614	144500	1900.7	105.9	---	10.1	.0	17.8	---	108.9	101.3	73.4	10.7	-24.8
404	614	150000	1957.5	106.7	.0	10.2	-.0	17.9	0.0	110.3	102.2	73.5	9.9	-24.9
405	614	151500	1884.6	106.8	---	10.2	.0	17.8	---	110.8	102.3	73.6	9.5	-24.9
406	614	153000	1949.5	106.8	.0	10.1	-.0	17.8	0.0	110.8	102.1	73.7	9.8	-24.8
407	614	154500	1979.3	106.8	---	10.1	.0	17.8	---	110.5	102.1	73.7	11.5	-24.9
408	614	160000	1987.4	107.2	.0	10.0	.0	17.8	0.0	110.8	102.0	73.8	11.1	-24.9
409	614	161500	1993.4	107.4	---	9.7	.0	17.8	---	110.9	102.2	73.9	10.3	-24.9
410	614	163000	1994.9	107.6	.0	9.6	.0	17.6	0.0	111.0	102.3	74.1	9.2	-24.8
411	614	164500	1998.6	107.5	---	9.5	.0	17.7	---	111.3	101.7	74.1	8.4	-24.6
412	614	170000	2003.7	107.2	.0	9.5	.0	17.6	0.0	110.7	100.6	74.1	8.5	-24.9
413	614	171500	1964.7	106.1	---	9.5	.0	17.7	---	110.0	100.4	74.2	8.4	-24.9
414	614	173000	1999.0	104.0	.0	9.4	-.0	17.5	0.0	108.7	99.3	74.1	8.2	-25.0
415	614	174500	2024.9	103.5	---	8.8	.0	7.4	---	107.5	98.1	31.9	6.4	-25.0
416	614	174530	2032.5	103.2	---	8.8	0.0	-.3	---	106.8	97.4	1.8	5.0	-24.8
417	614	180000	2033.2	103.1	.0	9.0	.0	.4	0.0	106.2	97.3	1.9	5.5	-24.8
418	614	181500	2031.2	102.7	---	9.1	.0	.5	---	105.9	96.6	1.8	8.2	-24.8
419	614	183000	2040.8	102.1	.0	9.2	.0	.6	0.0	105.8	95.7	1.8	9.1	-24.9
420	614	184500	2047.9	101.4	---	9.4	.0	.6	---	105.2	95.1	1.8	10.8	-24.9
421	614	190000	2058.4	100.6	.0	9.4	.0	.5	0.0	104.5	94.1	1.8	12.8	-24.7
422	614	191500	2061.2	99.4	---	9.3	.0	.5	---	103.2	92.2	1.8	11.2	-24.9
423	614	193000	2022.4	98.3	.0	9.1	.1	.6	0.0	100.6	90.0	1.7	13.1	-25.0
424	614	194500	2000.3	97.3	---	9.0	.1	.3	---	97.3	87.9	1.8	11.3	-25.0
425	614	200000	1983.7	96.1	.0	9.0	.1	.5	0.0	94.1	86.1	1.8	12.2	-24.8
426	614	201500	1977.0	95.0	---	15.5	.2	.4	---	91.4	84.8	1.8	12.6	-24.8
427	614	203000	1991.3	94.0	.0	13.1	.3	.4	0.0	89.1	83.8	1.8	13.8	-25.0
428	614	204500	2017.2	93.0	---	2.4	.3	.3	---	87.5	83.0	1.8	12.8	-24.9
429	614	210000	2049.2	92.0	.0	2.5	.5	.4	0.0	86.3	82.3	1.8	10.9	-24.9
430	614	211500	2063.0	91.2	---	2.5	.4	.6	---	85.4	81.8	1.8	14.1	-24.9
431	614	213000	2057.5	90.4	.0	2.5	.7	.7	0.0	84.8	81.7	1.8	12.8	-24.9
432	614	214500	2072.5	89.5	---	2.5	.7	.6	---	84.3	81.7	1.8	14.0	-24.9
433	614	220000	2062.8	88.8	.0	2.5	.8	.7	0.0	84.0	81.3	1.8	15.4	-24.8
434	614	221500	2068.4	88.3	---	2.5	.8	.6	---	83.6	81.1	1.8	14.5	-24.8
435	614	223000	2076.3	87.7	.0	2.5	.7	.8	0.0	83.3	80.9	1.8	14.6	-24.9
436	614	224500	2092.6	87.2	---	2.5	.9	.7	---	83.0	80.8	1.8	15.2	-24.9
437	614	230000	2100.5	86.8	.0	2.5	.7	.8	0.0	82.8	80.5	1.8	14.3	-25.0
438	614	231500	2100.1	86.2	---	2.5	.8	.9	---	82.4	80.1	1.8	14.7	-24.9
439	614	233000	2093.4	85.6	.0	2.5	.8	.6	0.0	82.0	79.5	1.8	14.1	-24.8
440	614	234500	2061.3	85.1	---	2.5	.8	.7	---	81.5	78.8	1.8	15.5	-24.9

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
441	615	0	2056.1	84.5	0	2.5	.9	.7	0.0	80.8	78.2	1.8	15.9	-24.8
442	615	1500	2052.3	84.0	---	2.5	1.0	.9	---	80.2	77.5	1.8	13.2	-25.0
443	615	3000	2047.9	83.4	0	2.5	.9	1.0	0.0	79.4	76.7	1.8	15.6	-24.8
444	615	4500	2049.4	82.7	---	2.5	.8	1.0	---	78.8	76.3	1.8	15.9	-24.8
445	615	10000	2048.3	82.3	0	2.6	.9	1.0	0.0	78.3	75.7	1.8	17.2	-25.0
446	615	11500	2059.8	81.7	---	2.5	1.1	1.0	---	78.0	75.4	1.7	17.0	-25.0
447	615	13000	2063.5	81.2	0	2.5	1.0	1.0	0.0	77.8	75.0	1.8	15.1	-24.9
448	615	14500	2064.4	80.8	---	2.5	1.1	1.3	---	77.4	74.6	1.8	15.6	-24.9
449	615	20000	2064.5	80.3	0	2.5	1.2	.9	0.0	76.9	74.3	1.8	16.1	-24.9
450	615	21500	2063.0	79.9	---	2.5	1.2	1.0	---	76.7	74.1	1.8	20.8	-25.2
451	615	23000	2067.5	79.4	0	2.5	1.1	1.1	0.0	76.6	73.9	1.7	16.1	-25.0
452	615	24500	2064.0	79.1	---	2.5	1.1	1.1	---	76.3	73.8	1.8	19.1	-25.0
453	615	30000	2070.4	78.8	0	2.6	1.1	1.0	0.0	76.2	73.7	1.8	16.7	-24.9
454	615	31500	2075.1	78.4	---	2.6	1.2	1.2	---	76.0	73.4	1.8	15.5	-25.0
455	615	33000	2076.3	78.1	0	2.6	1.1	1.1	0.0	75.8	73.2	1.8	17.3	-25.0
456	615	34500	2075.3	77.8	---	2.5	1.1	1.0	---	75.3	72.9	1.8	17.2	-25.0
457	615	40000	2075.1	77.5	0	2.5	1.1	1.2	0.0	75.2	72.9	1.8	17.0	-25.0
458	615	41500	2073.4	77.2	---	2.6	1.2	1.0	---	75.0	72.7	1.8	16.6	-25.0
459	615	43000	2075.5	76.9	0	2.6	1.2	1.1	0.0	74.8	72.7	1.8	15.9	-25.0
460	615	44500	2077.4	76.6	---	2.5	1.1	.8	---	74.7	72.6	1.7	17.6	-24.7
461	615	50000	2078.8	76.3	0	2.6	1.1	1.0	0.0	74.4	72.1	1.8	17.5	-25.0
462	615	51500	2079.9	76.0	---	2.6	1.2	1.1	---	74.2	71.9	1.8	16.9	-25.0
463	615	53000	2083.9	75.8	0	2.6	1.1	1.1	0.0	73.8	71.6	1.8	17.3	-25.1
464	615	54500	2085.9	75.6	---	2.5	1.1	.7	---	73.6	71.6	1.8	19.3	-25.0
465	615	60000	2087.2	75.2	0	2.6	1.1	1.1	0.0	73.6	71.4	1.8	18.7	-24.9
466	615	61500	2087.8	74.9	---	2.6	1.2	1.0	---	73.4	71.3	1.8	17.9	-25.0
467	615	63000	2089.1	74.7	0	2.6	1.1	1.1	0.0	73.5	71.7	1.8	17.9	-24.9
468	615	64500	2087.0	74.7	---	2.6	1.2	1.1	---	74.4	72.2	1.8	18.6	-24.9
469	615	70000	2093.0	75.1	0	2.6	1.1	1.1	0.0	76.8	72.9	1.8	17.4	-24.9
470	615	71500	2097.5	76.0	---	2.6	1.1	1.2	---	80.1	73.9	1.8	16.0	-25.1
471	615	73000	2099.0	77.2	0	2.6	1.2	1.2	0.0	84.1	75.5	1.9	16.6	-24.8
472	615	74500	2101.0	78.6	---	2.7	.9	1.3	---	87.6	77.5	1.9	16.2	-24.9
473	615	80000	2098.8	80.2	0	2.8	.9	1.2	0.0	90.7	81.1	1.9	13.3	-25.0
474	615	81500	2098.7	81.9	---	2.8	1.0	1.2	---	93.7	85.5	1.9	16.1	-24.8
475	615	83000	2097.5	83.7	0	2.8	1.0	1.3	0.0	96.7	89.2	1.9	14.5	-24.9
476	615	84500	1278.6	84.9	---	2.9	.4	1.3	---	99.5	92.3	2.0	14.0	-24.9
477	615	90000	1798.7	87.7	.5	3.0	.1	1.2	0.0	102.1	94.0	1.9	14.2	-24.8
478	615	91500	1881.9	88.6	---	3.0	.1	1.3	---	103.5	94.3	1.9	14.2	-24.9
479	615	93000	1917.6	89.9	.5	3.2	.1	1.2	0.0	104.8	95.8	2.0	12.4	-24.9
480	615	94500	1940.9	91.6	---	4.2	-.0	1.1	---	106.3	97.4	2.0	12.4	-24.9
481	615	100000	1956.5	93.0	.5	3.8	.0	1.2	0.0	107.5	98.9	2.0	14.9	-24.8
482	615	101500	1964.2	94.8	---	3.0	.0	1.3	---	110.1	100.7	2.0	10.5	-24.7
483	615	103000	1971.3	96.7	.5	3.0	.0	1.1	0.0	112.9	101.8	2.0	9.2	-24.8
484	615	104500	1974.1	97.7	---	3.0	.0	1.2	---	111.0	99.3	2.0	9.4	-24.7
485	615	121500	2014.9	104.5	---	3.5	0.0	1.1	---	114.5	103.4	2.0	5.7	-24.9
486	615	123000	2018.4	105.2	.5	3.8	-.0	104.4	0.0	116.1	105.1	2.0	2.1	-24.8
487	615	123700	2017.9	106.3	---	1.6	-.0	1.0	---	117.9	105.6	2.0	2.9	-24.8
488	615	124500	2021.8	106.9	---	.5	-.0	1.1	---	117.6	104.6	2.0	.8	-24.9
489	615	125210	2020.6	107.3	---	.1	-.0	1.0	---	117.5	104.8	-.0	.7	-24.8
490	615	130000	2019.7	107.7	.5	-.0	0.0	1.0	0.0	116.6	104.6	.1	.7	-24.8
491	615	131500	2025.6	107.9	---	-.3	.0	1.0	---	115.0	105.0	.1	1.7	-24.9
492	615	133000	2023.5	108.7	.5	-.4	-.0	.6	0.0	116.4	105.9	.1	1.1	-24.9
493	615	134500	2027.7	109.8	---	-.4	-.0	.3	---	118.9	108.5	.1	1.1	-25.0
494	615	135550	2027.7	110.8	---	-.6	-.0	5.2	---	119.8	109.1	26.4	3.0	-24.9
495	615	135630	2025.0	111.0	---	.5	-.3	16.3	---	118.8	107.0	71.6	-6.3	-24.4

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
496	615	140000	2026.4	110.9	.5	.5	-.4	16.7	0.0	118.3	107.0	71.7	-1.0	-24.7
497	615	141500	2022.1	111.2	---	.5	-.2	16.4	---	118.0	107.1	72.0	.7	-25.0
498	615	143000	2029.5	111.1	.5	.4	-.1	16.3	0.0	114.5	104.4	71.7	-1.1	-24.9
499	615	144500	2029.8	111.0	---	.6	-.1	16.3	---	113.9	107.5	71.8	3.1	-24.9
500	615	150000	2031.9	111.7	.5	.6	-.3	16.5	0.0	117.1	110.8	72.3	.9	-24.9
501	615	151500	2034.4	112.6	---	.6	-.5	16.5	---	118.0	110.3	72.8	.8	-24.8
502	615	153000	2034.7	113.1	.5	.5	-.5	16.4	0.0	117.9	107.9	72.8	-.4	-24.9
503	615	154500	2033.9	112.1	---	.3	-.2	16.3	---	113.5	103.5	73.0	.8	-24.9
504	615	160000	2033.0	111.5	.5	.5	-.1	16.3	0.0	112.2	104.5	74.3	2.4	-24.9
505	615	161500	1395.1	108.8	---	.7	-.4	16.5	---	114.4	106.6	74.2	1.0	-24.9
506	615	163000	1433.5	105.4	.5	.2	-.2	16.2	0.0	111.6	99.7	73.1	.6	-24.9
507	615	164500	966.3	104.7	---	.6	-.1	16.3	---	108.6	100.4	72.5	3.4	-25.0
508	615	170000	1036.7	104.7	.5	.7	-.1	16.4	0.0	109.1	101.1	72.3	2.2	-25.0
509	615	171500	1141.9	105.2	---	1.2	-.1	16.5	---	110.0	101.9	71.6	4.2	-25.0
510	615	173000	1362.8	105.7	.5	-2.9	-.1	16.5	0.0	110.6	100.7	71.6	2.0	-24.8
511	615	174500	1591.3	106.1	---	2.4	-.1	16.4	---	110.7	100.3	71.5	1.3	-24.9
512	615	180000	1684.2	106.1	.5	1.7	-.1	16.3	0.0	110.1	98.8	71.5	1.6	-25.0
513	615	181500	1746.4	105.6	---	1.9	-.0	16.4	---	109.5	98.3	71.5	3.4	-24.8
514	615	183000	1784.3	104.9	.5	2.2	-.0	16.4	0.0	109.0	97.2	71.4	2.7	-25.0
515	615	184500	1820.8	103.7	---	1.8	-.0	16.4	---	107.7	95.5	71.2	3.4	-25.0
516	615	190000	1842.9	102.6	.5	1.5	0.0	16.3	0.0	106.4	94.0	71.1	3.3	-25.0
517	615	191500	1866.1	101.1	---	1.5	.0	16.5	---	104.4	92.3	70.9	7.1	-24.9
518	615	193000	1878.5	99.7	.5	1.5	.0	16.2	0.0	101.5	90.1	70.7	7.3	-25.2
519	615	194500	1896.0	98.4	---	1.3	.0	16.3	---	98.3	88.1	70.5	8.6	-24.9
520	615	200000	1908.0	97.2	.5	1.2	.0	16.4	.0	95.0	86.4	70.2	12.8	-24.6
521	615	201500	1919.8	96.0	---	1.1	.0	16.2	---	92.1	84.9	70.0	10.4	-24.9
522	615	203000	1926.7	94.9	.5	1.1	.0	16.1	.0	89.5	83.5	69.8	10.6	-24.9
523	615	204500	1936.9	93.7	---	1.1	.1	16.2	---	87.6	82.2	69.6	12.8	-25.0
524	615	210000	1941.1	92.6	.5	1.1	.1	16.0	.0	86.1	81.4	69.4	13.0	-24.9
525	615	211500	1950.9	91.8	---	1.2	0.0	15.9	---	85.0	80.7	69.2	12.9	-25.0
526	615	213000	1957.3	90.8	.5	1.1	.2	15.7	.0	84.2	80.2	69.1	14.0	-25.0
527	615	214500	1956.3	90.0	---	1.2	.1	15.7	---	83.4	79.6	68.9	14.5	-24.9
528	615	220000	1966.3	89.2	.5	1.2	.2	15.6	.1	82.6	79.1	68.7	14.0	-24.9
529	615	221500	1973.7	88.3	---	1.3	.1	15.6	---	82.0	78.7	68.6	12.7	-24.9
530	615	223000	1973.7	87.5	.5	1.3	.2	15.4	.2	81.5	78.3	68.5	14.5	-24.9
531	615	224500	1980.6	86.8	---	1.4	.1	15.3	---	80.9	77.9	68.4	13.8	-24.9
532	615	230000	1981.8	86.0	.5	1.4	.1	15.3	.2	80.5	77.3	68.2	15.2	-24.8
533	615	231500	1984.5	85.3	---	1.5	.1	15.3	---	79.8	76.8	68.1	14.2	-25.0
534	615	233000	1987.1	84.7	.5	1.5	.0	15.3	.2	79.5	76.6	68.0	15.2	-24.7
535	615	234500	1989.2	84.0	---	1.5	.1	15.2	---	79.1	76.1	67.9	15.6	-25.0
536	616	0	1993.4	83.4	.5	1.5	.1	15.4	.2	78.7	75.8	67.8	15.6	-24.8
537	616	1500	1997.2	82.8	---	1.5	.1	15.3	---	78.3	75.4	67.7	14.7	-25.0
538	616	3000	1998.8	82.2	.5	1.5	.0	15.2	.2	77.9	74.9	67.6	15.5	-24.9
539	616	4500	2000.6	81.7	---	1.5	.1	15.1	---	77.4	74.7	67.5	15.4	-24.8
540	616	10000	2001.6	81.2	.5	1.5	.1	15.0	.2	77.1	74.2	67.4	15.4	-24.9
541	616	11500	2002.1	80.7	---	1.5	.1	15.2	---	76.8	73.8	67.3	15.1	-24.9
542	616	13000	2009.0	80.2	.5	1.5	.1	15.2	.2	76.3	73.5	67.2	16.6	-24.9
543	616	14500	2008.7	79.5	---	1.5	.1	15.1	---	75.9	73.0	67.1	15.6	-24.9
544	616	20000	2011.9	79.1	.5	1.6	.1	15.1	.2	75.5	72.8	67.0	15.2	-25.0
545	616	21500	2013.1	78.6	---	1.5	.1	15.2	---	74.9	72.4	66.9	15.2	-24.9
546	616	23000	2008.8	78.1	.5	1.5	.1	15.1	.2	74.6	72.1	66.8	16.6	-25.2
547	616	24500	2014.7	77.8	---	1.5	.1	14.9	---	74.2	71.8	66.7	18.2	-24.9
548	616	30000	2015.2	77.3	.5	1.5	.2	15.0	.2	74.1	71.6	66.6	17.9	-24.9
549	616	31500	2018.2	76.9	---	1.5	.1	15.0	---	73.8	71.3	66.5	19.1	-25.1
550	616	33000	2018.9	76.5	.5	1.5	.2	14.9	.2	73.7	71.1	66.4	17.7	-25.2

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
551	616	34500	2020.7	76.2	---	1.5	.1	15.0	---	73.4	70.7	66.3	19.4	-25.1
552	616	40000	2020.7	75.6	.5	1.5	.2	14.9	.2	73.1	70.4	66.2	18.7	-24.8
553	616	41500	2023.3	75.4	---	1.5	.2	15.0	---	72.8	70.6	66.1	17.7	-25.0
554	616	43000	2022.6	75.2	.5	1.5	.3	14.9	.2	73.0	70.9	66.1	18.4	-24.9
555	616	44500	2022.6	74.9	---	1.5	.2	14.8	---	73.3	70.7	66.0	17.6	-24.9
556	616	50000	2029.5	74.7	.5	1.5	.1	14.7	.2	73.2	70.5	65.9	18.6	-25.0
557	616	51500	2025.6	74.3	---	1.5	.1	14.8	---	72.7	70.1	65.8	18.9	-24.9
558	616	53000	2024.4	74.0	.5	1.5	.3	14.5	.2	72.3	69.8	65.8	18.9	-25.1
559	616	54500	2027.4	73.6	---	1.5	.2	14.7	---	72.1	69.7	65.7	20.9	-24.9
560	616	60000	2029.2	73.3	.5	1.5	.2	14.3	.2	71.7	69.5	65.6	17.7	-24.9
561	616	61500	2028.1	73.2	---	1.5	.2	14.5	---	71.7	69.5	65.5	18.3	-24.9
562	616	63000	1427.4	78.3	.5	1.5	.2	14.5	.2	71.7	69.4	65.5	17.7	-24.9
563	616	64500	1015.6	87.7	---	1.5	.2	14.4	---	72.0	69.9	65.4	19.3	-25.1
564	616	70000	873.2	92.6	.5	1.5	.3	14.5	.2	73.3	70.7	65.4	18.7	-24.9
565	616	71500	830.4	94.9	---	1.6	.1	14.7	---	76.1	71.7	65.5	18.1	-24.9
566	616	73000	732.7	96.9	.5	1.6	.1	14.9	.2	80.1	73.0	65.7	18.3	-25.0
567	616	74500	817.0	100.1	---	1.7	.1	15.0	---	84.3	74.9	66.0	17.1	-24.9
568	616	80000	929.3	100.7	.5	1.8	.1	14.9	.2	88.2	78.9	66.2	16.3	-25.0
569	616	81500	1023.4	102.5	---	1.9	.2	15.1	---	92.0	84.1	66.5	15.4	-24.9
570	616	83000	1081.9	102.7	.5	2.0	.2	15.1	.2	95.3	88.6	66.8	15.9	-24.9
571	616	84500	1107.8	102.9	---	2.0	.0	15.2	---	98.4	92.3	67.1	13.9	-24.8
572	616	90000	1138.5	103.7	.5	2.0	.0	15.1	.2	100.6	94.5	67.2	13.2	-24.9
573	616	91500	1369.3	105.5	---	2.0	-.0	15.3	---	102.1	96.2	67.4	12.8	-24.9
574	616	93000	1493.2	105.7	.5	2.2	.0	15.4	.2	103.8	97.9	67.5	12.1	-25.1
575	616	94500	1562.9	106.1	---	2.5	-.0	15.8	---	105.7	99.9	67.6	11.5	-24.8
576	616	100000	1616.4	105.8	.5	2.5	-.0	16.0	.2	107.7	101.8	67.8	8.7	-24.6
577	616	101500	1653.4	105.5	---	1.8	-.0	16.1	---	109.2	102.5	68.0	11.1	-24.8
578	616	103000	1685.5	105.2	.5	1.1	-.0	16.2	.2	109.7	102.7	68.1	7.0	-24.9
579	616	104500	1714.8	106.5	---	.7	-.0	12.7	---	108.0	101.3	71.3	6.1	-24.9
580	616	110000	1734.6	107.3	.5	.5	-.1	8.7	.2	107.7	102.5	75.3	5.2	-24.8
581	616	111500	1751.7	107.4	---	.5	-.1	6.4	---	107.8	102.8	77.7	4.7	-24.9
582	616	113000	1781.6	105.4	.5	.4	-.1	.7	.2	100.8	102.6	83.5	4.5	-24.9
583	616	114500	1840.4	103.2	---	.3	-.2	.3	---	101.0	105.2	84.3	3.8	-25.0
584	616	120000	1870.9	106.4	.5	.1	-.4	.5	.2	107.5	104.7	84.4	3.1	-25.0
585	616	121500	1896.9	107.1	---	.1	-.2	.3	---	107.4	102.3	84.3	3.9	-24.9
586	616	123000	1916.0	106.7	.5	.1	-.0	.3	.2	104.9	100.0	84.1	4.3	-24.8
587	616	124500	1929.1	107.0	---	.0	-.0	.4	---	105.5	100.9	84.2	3.8	-24.9
588	616	130000	1945.1	107.8	.5	.2	-.1	.4	.2	107.7	102.1	84.4	3.1	-24.9
589	616	131500	1955.8	110.0	---	.5	-.3	.1	---	112.5	105.2	84.6	2.7	-25.0
590	616	133000	1967.7	111.1	.5	-.0	-.5	.1	.2	112.7	105.4	84.7	.9	-25.1
591	616	134500	1977.2	111.6	---	.1	-.3	.2	---	112.7	107.5	84.8	1.2	-24.8
592	616	140000	1987.1	112.4	.5	-.0	-.3	.1	.3	113.2	106.8	84.9	1.8	-24.8
593	616	141500	1994.5	112.0	---	0.0	-.0	.2	---	112.5	108.4	85.0	.8	-24.8
594	616	143000	2002.4	113.2	.5	-.0	-.1	.2	.3	115.3	110.4	85.2	.1	-24.8
595	616	144500	2010.8	115.1	---	-.1	-.1	.1	---	116.9	112.1	85.5	-1.0	-24.8
596	616	150000	2014.6	116.9	.5	-.2	-.1	.0	.3	117.4	112.8	85.7	-1.9	-24.9
597	616	151500	2020.7	117.8	---	-.4	-.2	.1	---	117.4	112.6	85.9	-3.6	-24.9
598	616	153000	2026.8	118.4	.5	-.5	-.3	-.0	.3	117.2	113.1	86.0	-2.3	-24.9
599	616	154500	2016.0	119.1	---	-.5	-.4	-.0	---	116.8	111.0	86.1	-3.4	-24.8
600	616	160000	1078.6	110.6	.5	-.7	-.6	-.0	.3	117.2	112.2	86.3	-3.9	-24.9
601	616	161500	1146.4	112.5	---	-.8	-.7	-.1	---	117.0	111.9	86.3	-5.4	-24.8
602	616	163000	1197.7	114.1	.5	-.9	-.6	.1	.3	117.2	111.8	86.4	-5.4	-24.9
603	616	164500	1171.1	115.2	---	-.9	-.6	-.2	---	116.8	111.7	86.4	-4.1	-25.0
604	616	170000	1143.6	115.9	.5	-.9	-.7	-.1	.3	116.3	111.2	86.5	-3.1	-24.8
605	616	171500	1122.0	116.5	---	-1.0	-.7	-.1	---	116.1	108.9	86.5	-2.2	-24.8

CZ COMPILED DATA 2 B.U. (AUGUST-6-B1)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
606	616	173000	1100.8	117.2	.5	-1.0	-6	-0	.3	116.0	108.6	86.5	-4.1	-24.9
607	616	174500	1357.5	116.8	---	-1.0	-5	-1	---	115.4	108.5	86.4	-.9	-24.8
608	616	180000	1615.8	115.9	.5	-1.0	-6	-0	.3	114.2	107.1	86.4	-2.0	-24.6
609	616	181500	1716.8	114.9	---	-.9	-5	.1	---	113.1	105.4	86.3	-1.2	-24.9
610	616	183000	1785.3	113.7	.5	-.9	-3	.3	.3	110.9	102.1	86.2	-1.0	-24.6
611	616	184500	1835.8	112.0	---	-.7	-1	.6	---	109.2	97.4	85.8	.8	-24.9
612	616	190000	1710.8	111.6	***	-.5	-0	1.3	.3	107.5	94.3	85.1	1.3	-25.0
613	616	191500	454.3	127.8	---	-.5	-0	1.7	---	105.3	92.6	84.2	1.9	-25.0
614	616	193000	372.9	137.0	172.3	-.5	-0	3.9	.3	102.5	92.4	74.5	3.1	-24.9
615	616	194500	362.2	144.6	---	86.0	240.0	142.7	---	138.9	98.2	18.4	1.4	-25.0
616	616	200000	349.9	150.7	***	86.0	240.0	118.5	82.7	146.9	97.3	19.5	1.4	-18.1
617	616	200252	352.9	153.7	---	70.0	240.0	75.1	---	150.2	97.2	20.2	2.9	-.7
618	616	200400	353.4	154.5	---	70.0	240.0	74.4	---	150.8	97.3	20.2	5.7	-1.7
619	616	200500	351.1	154.8	---	70.0	240.0	74.1	---	151.2	97.0	20.3	5.7	-.4
620	616	200600	350.0	155.0	---	70.0	240.0	73.9	---	151.4	97.4	20.5	2.3	-1.5
621	616	200700	351.1	155.2	---	70.0	240.0	73.2	---	151.7	98.0	20.7	3.4	-.4
622	616	200800	351.1	155.5	---	70.0	240.0	73.8	---	152.2	97.7	20.7	3.4	.5
623	616	200900	350.0	155.7	---	70.0	240.0	73.5	---	152.4	97.7	20.8	4.5	.0
624	616	201000	350.0	156.3	---	70.0	240.0	73.4	---	152.9	97.8	20.8	4.5	.1
625	616	201100	326.1	156.5	---	70.0	240.0	73.2	---	153.0	98.0	21.0	0.0	-.0
626	616	201200	342.0	157.4	---	70.0	240.0	67.7	---	153.5	98.4	21.1	5.7	-.3
627	616	201300	348.9	157.1	---	70.0	240.0	72.5	---	153.7	98.5	21.2	5.7	-.2
628	616	201400	343.2	157.4	---	70.0	240.0	68.8	---	153.9	98.5	20.5	4.5	-.6
629	616	201500	346.6	157.7	---	70.0	240.0	68.8	---	154.2	99.1	21.8	3.4	.8
630	616	201600	346.6	157.9	---	70.0	240.0	71.7	---	154.5	99.2	22.0	2.3	-.2
631	616	201700	344.3	158.2	---	70.0	240.0	72.3	---	154.8	99.3	21.9	4.5	.1
632	616	201800	343.2	158.4	---	70.0	240.0	69.5	---	155.0	99.7	21.8	4.5	.1
633	616	201900	344.3	158.7	---	70.0	240.0	68.8	---	155.2	99.8	22.0	8.0	-.1
634	616	202000	343.2	158.9	---	70.0	240.0	69.2	---	155.5	100.0	22.6	6.8	-.3
635	616	202100	343.2	159.3	---	70.0	240.0	74.7	---	155.7	100.0	22.6	4.5	-.4
636	616	202200	343.2	159.5	---	70.0	240.0	69.1	---	156.0	99.7	22.5	6.8	.3
637	616	202300	346.6	159.7	---	70.0	240.0	68.6	---	156.2	99.8	22.8	-19.3	-.5
638	616	202400	334.1	160.0	---	70.0	240.0	68.0	---	156.5	99.8	23.1	9.1	-.2
639	616	202500	343.2	160.4	---	70.0	240.0	67.8	---	157.0	99.8	23.3	3.4	.0
640	616	202600	343.2	160.6	---	70.0	240.0	68.5	---	157.2	99.8	23.7	6.8	-.4
641	616	202700	342.0	160.9	---	70.0	240.0	68.8	---	157.4	99.8	23.7	6.8	-1.0
642	616	202725	337.5	161.1	---	70.0	240.0	68.8	---	157.6	99.9	23.8	15.6	-1.1
643	616	203000	343.1	161.5	***	70.0	240.0	68.4	158.7	158.0	99.5	24.2	6.9	-.6
644	616	203500	338.1	162.4	---	62.0	240.0	67.9	---	158.9	99.0	25.2	2.1	-.7
645	616	204000	341.3	163.5	---	62.0	240.0	65.5	---	160.1	98.3	26.8	8.9	-.5
646	616	204455	340.9	164.8	---	62.0	240.0	64.4	---	161.3	97.8	28.5	8.4	-.6
647	616	204533	342.5	165.3	---	62.0	240.0	65.3	---	161.8	97.7	29.7	12.5	-.3
648	616	204600	341.7	165.5	---	62.0	240.0	64.2	---	161.8	97.7	30.8	4.2	-.7
649	616	204620	337.5	165.5	---	62.0	240.0	65.0	---	162.0	97.7	29.9	4.2	0.0
650	616	204640	341.7	165.7	---	62.0	240.0	64.2	---	162.0	97.5	30.2	12.5	.7
651	616	204649	337.5	165.5	---	62.0	240.0	63.8	---	162.0	97.5	30.1	12.5	1.5
652	616	204700	337.5	166.0	---	62.0	240.0	63.8	---	162.5	97.5	30.4	0.0	0.0
653	616	205000	334.6	166.0	---	62.0	240.0	64.7	---	162.5	97.3	30.9	11.0	-.6
654	616	205500	332.4	166.8	---	62.0	240.0	64.5	---	163.4	97.2	32.2	7.6	-.5
655	616	210000	330.7	167.8	***	62.0	240.0	63.9	228.7	164.3	97.9	33.4	7.8	-.8
656	616	210500	331.1	168.8	---	54.0	240.0	62.3	---	165.4	99.0	34.0	12.7	-.7
657	616	211000	333.9	169.7	---	54.0	240.0	61.4	---	166.2	99.3	34.4	11.9	-.4
658	616	211500	332.4	170.6	---	54.0	240.0	61.4	---	167.1	98.7	34.8	12.7	-.9
659	616	212000	328.0	171.4	---	54.0	240.0	61.2	---	168.0	98.7	35.2	11.7	-.8
660	616	212500	326.9	172.3	---	54.0	240.0	59.6	---	168.9	98.4	35.0	11.4	-.5

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
661	616	213000	319.7	173.3	***	54.0	240.0	59.7	295.5	169.7	98.0	35.9	12.5	- .9
662	616	213500	324.4	174.2	---	54.0	240.0	61.4	---	170.6	97.6	36.6	13.1	- .9
663	616	214000	329.0	175.0	---	54.0	240.0	60.8	---	171.5	97.2	36.8	16.3	.4
664	616	214500	327.8	175.8	---	54.0	240.0	60.9	---	172.4	97.1	37.3	17.4	- .6
665	616	215000	327.1	176.5	---	54.0	240.0	58.8	---	173.2	97.5	37.3	12.3	- .3
666	616	215500	324.4	177.1	---	54.0	240.0	58.1	---	173.8	98.4	38.2	16.7	- .2
667	616	220000	325.4	177.8	***	54.0	240.0	58.4	362.3	174.4	98.8	39.4	12.5	.0
668	616	220500	324.8	178.5	---	54.0	240.0	60.2	---	175.0	98.7	41.0	13.6	.3
669	616	221000	325.2	179.1	---	54.0	240.0	58.2	---	175.6	98.0	45.3	17.8	.4
670	616	221500	323.3	179.8	---	54.0	240.0	57.2	---	176.3	97.2	58.6	13.3	.2
671	616	222000	326.9	180.2	---	54.0	240.0	54.4	---	177.0	97.2	113.9	13.3	.4
672	616	222500	325.4	180.8	---	54.0	240.0	46.1	---	177.3	97.9	130.5	9.3	.2
673	616	223000	325.2	181.3	***	54.0	240.0	42.2	428.0	177.5	100.3	130.5	14.2	.5
674	616	223500	338.6	181.7	---	54.0	240.0	40.8	---	178.0	107.0	130.5	13.6	.1
675	616	224000	323.3	182.2	---	54.0	240.0	55.3	---	178.3	107.0	75.5	13.3	.5
676	616	224500	296.4	183.0	---	54.0	240.0	74.6	---	180.0	107.0	.1	12.3	.2
677	616	225000	319.5	183.3	---	54.0	240.0	56.5	---	180.6	107.0	.1	12.9	.2
678	616	225500	324.2	183.7	---	54.0	240.0	58.1	---	181.1	107.0	- .0	13.1	.2
679	616	230000	322.9	184.3	***	54.0	240.0	57.5	493.0	181.5	107.0	- .0	12.7	.6
680	616	230500	323.3	184.7	---	54.0	240.0	57.1	---	181.9	107.0	- .1	12.9	.1
681	616	231000	337.3	185.2	---	54.0	240.0	57.2	---	182.2	107.0	- .1	13.6	.1
682	616	231500	313.8	185.6	---	54.0	240.0	57.2	---	182.7	107.0	- .0	12.7	- .0
683	616	232000	322.0	185.9	---	54.0	240.0	56.9	---	183.0	107.0	- .0	14.2	.8
684	616	232500	320.8	186.2	---	54.0	240.0	56.8	---	183.4	107.0	- .0	12.9	- .1
685	616	233000	322.9	186.6	***	54.0	240.0	56.2	557.0	183.7	107.0	- .1	12.7	1.1
686	616	233500	324.4	186.9	---	54.0	240.0	56.6	---	184.1	107.0	- .1	12.3	.7
687	616	234000	322.2	187.3	---	54.0	240.0	56.3	---	184.4	107.7	- .1	13.3	.1
688	616	234500	318.9	187.6	---	54.0	240.0	57.1	---	184.7	107.2	- .0	11.7	- .1
689	616	235000	322.7	188.0	---	54.0	240.0	56.0	---	185.2	106.8	- .1	13.3	-1.2
690	616	235500	322.0	188.3	---	54.0	240.0	55.4	---	185.4	106.9	- .1	12.7	-1.5
691	617	0	324.4	188.6	***	54.0	240.0	55.0	620.3	185.6	106.8	- .2	12.7	-1.6
692	617	500	318.6	189.0	---	54.0	240.0	55.9	---	185.9	106.6	- .1	12.7	-1.4
693	617	1000	320.3	189.2	---	54.0	240.0	55.9	---	186.3	106.0	- .1	13.1	-1.7
694	617	1500	323.5	189.5	---	54.0	240.0	55.1	---	186.5	105.1	- .2	10.2	-1.6
695	617	2000	321.8	189.8	---	54.0	240.0	54.9	---	186.7	103.9	- .1	12.7	-1.5
696	617	2500	318.9	190.1	---	54.0	240.0	55.1	---	187.0	103.4	- .1	13.1	-1.4
697	617	3000	320.6	190.3	***	54.0	240.0	55.3	681.9	187.2	102.1	- .1	13.1	-1.3
698	617	3500	317.2	190.8	---	52.6	244.0	55.3	---	187.5	101.7	- .1	13.8	-1.6
699	617	4000	316.1	190.9	---	50.1	245.3	55.2	---	187.7	101.3	- .1	13.3	-1.7
700	617	4012	318.8	191.0	---	52.0	246.3	55.0	---	188.0	101.5	- .2	12.5	-1.3
701	617	4500	316.5	191.1	---	53.8	246.9	54.8	---	188.2	101.4	- .2	12.9	-1.8
702	617	5000	315.7	191.3	---	55.2	246.5	54.1	---	188.3	101.5	- .2	13.3	-1.6
703	617	5500	316.5	191.5	---	54.2	245.8	54.2	---	188.5	101.4	- .2	11.4	-1.7
704	617	10000	322.2	191.7	***	53.5	244.4	54.3	743.1	188.7	101.2	- .2	11.7	-1.4
705	617	10500	317.4	192.1	---	51.7	244.2	55.3	---	189.0	100.7	- .1	13.6	-1.3
706	617	11000	316.3	192.3	---	49.0	244.4	54.9	---	189.2	100.2	- .1	14.2	-1.2
707	617	11500	315.3	192.4	---	48.1	245.8	54.7	---	189.4	99.8	- .2	16.5	-1.2
708	617	12000	316.3	192.6	---	52.1	246.1	53.7	---	189.8	100.4	- .2	12.5	-1.4
709	617	12500	316.5	192.8	---	56.7	245.9	53.6	---	189.8	101.2	- .2	13.6	- .7
710	617	12815	318.8	193.3	---	50.4	246.6	53.3	---	190.0	101.8	- .2	12.5	-1.1
711	617	13000	317.4	193.2	***	54.7	246.5	52.8	804.1	190.1	101.8	- .2	11.1	-1.5
712	617	13218	316.4	193.3	---	53.4	246.2	52.8	---	190.1	101.9	- .2	11.2	-1.2
713	617	13500	318.1	193.3	---	46.9	243.8	54.3	---	190.2	101.8	- .1	14.7	-1.3
714	617	14000	321.8	193.5	---	48.0	245.9	53.7	---	190.3	101.8	- .2	13.6	-1.3
715	617	14500	325.0	193.6	---	53.2	246.1	53.1	---	190.6	101.8	- .2	13.8	-1.0

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tu	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
716	617	15000	322.8	193.8	---	50.9	243.8	53.8	---	190.8	102.3	-1	18.0	-1.5
717	617	15500	323.5	193.9	---	49.3	244.0	53.9	---	191.0	103.0	-1	13.6	-1.4
718	617	20000	319.5	194.1	---	49.1	246.2	53.2	865.2	191.0	103.5	-2	16.1	-1.8
719	617	20500	323.7	194.2	---	53.1	246.3	52.9	---	191.2	104.7	-2	13.6	-1.3
720	617	21000	324.6	194.3	---	52.7	245.9	52.7	---	191.3	105.6	-2	14.0	-1.2
721	617	21500	325.4	194.5	---	52.4	244.6	53.2	---	191.5	106.0	-2	14.0	-1.6
722	617	22000	326.5	194.7	---	50.8	243.8	53.2	---	191.6	106.1	-2	13.6	-1.4
723	617	22500	323.5	194.7	---	47.6	244.9	53.4	---	191.8	105.8	-1	13.8	-1.1
724	617	23000	322.9	194.8	---	48.5	246.1	53.1	925.0	191.8	105.8	-2	13.6	-1.5
725	617	23500	327.1	195.0	---	50.3	246.4	52.5	---	192.1	105.4	-1	14.0	-1.2
726	617	24000	323.9	195.1	---	53.7	246.4	52.5	---	192.3	105.4	-3	12.9	-1.2
727	617	24500	320.3	195.3	---	53.0	245.6	52.6	---	192.3	105.3	-2	13.3	-1.1
728	617	25000	324.6	195.3	---	52.2	244.0	52.7	---	192.2	105.2	-2	14.8	-1.2
729	617	25500	320.1	195.3	---	48.8	243.9	52.9	---	192.5	104.7	-2	13.1	-1.7
730	617	30000	321.0	195.5	---	49.4	244.0	52.9	984.6	192.5	104.7	-1	15.5	-1.0
731	617	30500	320.1	195.6	---	49.4	244.6	52.7	---	192.7	104.4	-2	13.6	-1.0
732	617	31000	318.6	195.7	---	49.7	245.0	52.5	---	192.7	104.3	-2	12.9	-1.3
733	617	31500	320.8	195.8	---	49.1	245.3	52.6	---	192.8	103.9	-2	11.2	-1.1
734	617	32000	318.9	195.9	---	49.3	245.6	52.5	---	193.0	104.0	-2	14.0	-1.9
735	617	32500	316.1	196.2	---	49.4	245.6	52.4	---	193.2	104.2	-2	13.6	-1.9
736	617	33000	320.8	196.2	---	48.9	245.1	52.6	1043.7	193.3	104.3	-2	13.6	-1.2
737	617	33500	317.6	196.3	---	49.0	245.4	52.4	---	193.3	104.3	-2	12.9	-1.3
738	617	34000	320.1	196.5	---	48.6	245.1	52.4	---	193.5	104.2	-2	12.9	-1.1
739	617	34500	319.7	196.6	---	49.1	245.4	52.7	---	193.5	104.2	-2	14.8	-1.2
740	617	35000	319.9	196.7	---	48.8	245.8	51.9	---	193.6	104.0	-2	18.4	-1.1
741	617	35500	320.1	196.8	---	49.9	245.7	51.8	---	193.6	103.8	-2	14.2	-1.2
742	617	40000	318.9	196.8	---	48.3	245.6	51.7	1102.5	193.8	103.5	-2	14.0	-1.0
743	617	40500	319.9	196.9	---	48.8	245.2	51.5	---	193.7	103.2	-2	14.0	-1.0
744	617	41000	320.1	197.1	---	49.2	245.0	51.7	---	193.7	102.7	-2	14.0	-1.8
745	617	41500	311.9	197.2	---	48.4	245.0	51.4	---	193.8	102.0	-2	15.3	-1.0
746	617	42000	318.6	197.2	---	48.2	244.9	51.5	---	193.9	101.5	-2	13.1	-1.5
747	617	42500	316.5	197.2	---	48.1	244.4	51.4	---	194.0	100.9	-2	14.2	-1.3
748	617	43000	322.2	197.3	---	49.3	244.2	51.4	1161.0	194.2	100.8	-2	15.7	-1.7
749	617	43500	318.0	197.3	---	49.4	244.0	51.4	---	194.2	100.8	-2	14.2	-1.3
750	617	44000	316.3	197.5	---	48.3	244.9	51.0	---	194.3	100.8	-2	15.5	-1.4
751	617	44500	321.4	197.6	---	48.2	245.0	50.9	---	194.3	100.8	-2	15.7	-1.0
752	617	45000	311.2	197.7	---	48.7	244.6	51.0	---	194.2	100.6	-2	14.6	-1.3
753	617	45500	317.2	197.7	---	45.4	244.7	51.3	---	194.3	99.8	-2	12.1	-1.3
754	617	50000	316.9	197.8	---	44.9	245.0	51.1	1219.1	194.4	98.6	-2	14.0	-1.3
755	617	50500	316.3	197.8	---	45.8	245.0	51.2	---	194.4	97.5	-2	14.8	-1.4
756	617	51000	319.1	197.9	---	46.3	245.2	51.1	---	194.5	96.4	-2	14.0	-1.1
757	617	51500	320.8	198.0	---	45.8	246.3	50.7	---	194.6	95.4	-2	14.0	-1.3
758	617	52000	319.5	198.1	---	47.2	246.3	50.4	---	194.7	95.1	-2	20.1	-1.1
759	617	52500	316.1	198.2	---	49.4	245.3	50.3	---	194.8	95.2	-2	14.2	-1.1
760	617	53000	314.2	198.3	---	48.5	244.4	50.3	1276.7	194.7	95.4	-2	16.3	-1.2
761	617	53500	315.7	198.3	---	44.6	244.5	50.7	---	195.0	95.9	-2	13.8	-1.1
762	617	54000	314.4	198.3	---	43.7	245.0	51.0	---	195.2	96.0	-2	12.5	-1.3
763	617	54500	316.9	198.4	---	44.4	245.2	50.9	---	195.2	96.5	-2	16.1	-1.3
764	617	55000	315.5	198.5	---	45.6	246.3	50.1	---	195.2	97.1	-2	15.0	-1.5
765	617	55500	315.0	198.7	---	48.2	245.9	50.2	---	195.2	97.7	-2	14.6	-1.4
766	617	60000	315.5	198.7	---	50.4	245.0	50.0	1334.2	195.3	98.3	-2	14.0	-1.3
767	617	60500	314.8	198.7	---	46.7	244.0	50.1	---	195.3	98.7	-2	14.2	-1.4
768	617	61000	312.9	198.8	---	45.6	244.3	50.1	---	195.3	98.3	-2	15.3	-1.4
769	617	61500	313.8	198.7	---	45.5	244.2	49.3	---	195.3	97.8	-2	14.2	-1.4
770	617	62000	313.8	198.8	---	45.2	244.2	50.2	---	195.3	97.1	-2	15.0	-1.4

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
771	617	62500	314.6	198.8	---	44.3	245.2	50.1	---	195.4	96.4	-.2	14.4	-.5
772	617	63000	315.7	198.9	***	44.7	246.3	50.1	1391.6	195.5	95.9	-.3	14.4	-.4
773	617	63500	315.3	198.9	---	48.4	246.3	49.9	---	195.5	95.3	-.2	14.8	-1.2
774	617	64000	313.1	199.0	---	48.7	245.2	50.0	---	195.5	95.3	-.2	14.8	-.2
775	617	64500	314.2	199.0	---	44.2	245.2	50.0	---	195.6	94.9	-.2	14.8	-.6
776	617	65000	316.5	199.1	---	44.0	244.9	49.9	---	195.7	94.8	-.2	15.9	-.5
777	617	65500	310.8	199.2	---	41.9	245.5	50.1	---	195.8	95.0	-.1	14.2	-.4
778	617	70000	315.5	199.2	***	42.8	245.9	50.0	1448.6	195.8	95.2	-.2	13.6	-.3
779	617	70500	316.9	199.2	---	44.1	247.3	50.0	---	195.8	95.7	-.2	16.1	-.2
780	617	71000	319.5	199.3	---	49.6	246.5	49.3	---	195.7	96.1	-.2	13.6	-.2
781	617	71500	314.6	199.3	---	45.1	245.7	49.7	---	195.8	96.6	-.1	14.4	-.6
782	617	72000	313.8	199.2	---	42.4	246.2	50.0	---	196.0	96.8	-.1	16.5	-1.4
783	617	72500	318.0	199.3	---	42.6	246.3	50.0	---	195.9	96.6	-.1	14.2	-1.3
784	617	73000	315.7	199.4	***	43.0	247.1	50.0	1505.3	195.9	96.3	-.1	15.7	-1.6
785	617	73500	315.5	199.4	---	43.0	248.0	49.9	---	195.9	96.4	-.1	13.8	-1.7
786	617	74000	318.9	199.4	---	42.9	248.8	49.8	---	195.9	96.5	-.1	14.0	-1.3
787	617	74500	318.0	199.5	---	43.8	248.7	49.3	---	195.9	96.8	-.1	13.8	-1.3
788	617	75000	316.3	199.6	---	44.2	248.6	49.3	---	195.8	96.8	-.1	13.3	-1.6
789	617	75500	317.8	199.6	---	44.1	248.1	49.0	---	195.8	96.7	-.1	13.3	-1.4
790	617	80000	318.9	199.7	***	44.2	247.9	49.1	1561.4	195.7	96.5	-.1	13.8	-1.4
791	617	80500	316.9	199.7	---	43.9	247.6	49.4	---	195.8	96.2	.1	17.6	-1.5
792	617	81000	317.8	199.7	---	42.1	247.6	49.3	---	196.1	96.1	-.1	12.3	-1.5
793	617	81500	316.3	199.7	---	41.1	248.5	49.7	---	196.3	96.6	-.1	13.1	-1.3
794	617	82000	318.6	199.8	---	41.4	248.7	49.7	---	196.1	96.3	-.1	14.4	-1.7
795	617	82500	318.6	199.8	---	41.3	249.7	49.1	---	196.1	96.8	-.1	13.1	-1.1
796	617	83000	318.6	199.8	***	43.0	250.1	48.8	1617.5	196.2	97.0	-.1	10.0	-1.2
797	617	83500	308.5	199.7	---	45.0	250.0	48.7	---	196.3	98.0	-.1	12.5	-1.3
798	617	84000	316.5	199.8	---	44.5	249.4	48.6	---	196.2	98.2	-.1	15.7	-1.6
799	617	84500	315.7	199.8	---	41.6	248.9	49.0	---	196.2	98.2	-.1	12.5	-.9
800	617	85000	315.7	199.9	---	40.3	249.6	49.1	---	196.3	98.8	-.1	12.5	-1.7
801	617	85500	318.4	199.9	---	40.2	249.9	49.1	---	196.3	98.9	-.0	12.5	-1.7
802	617	90000	316.7	199.9	***	40.8	250.8	48.7	1673.3	196.3	98.9	-.1	12.1	-1.5
803	617	90500	316.9	200.0	---	40.2	251.9	48.5	---	196.3	99.5	-.1	10.8	-1.1
804	617	91000	318.0	200.1	---	46.7	251.0	48.0	---	196.5	100.7	-.1	12.5	-1.5
805	617	91500	305.9	200.2	---	40.6	251.7	47.9	---	196.7	100.8	-.1	12.5	-1.6
806	617	92000	313.3	200.2	---	44.9	251.0	48.1	---	196.7	101.2	-.0	11.4	-1.8
807	617	92500	313.3	200.2	---	37.6	250.6	48.7	---	196.7	100.3	-.0	15.9	-1.6
808	617	93000	319.7	200.2	***	38.8	252.4	48.7	1728.8	196.8	101.2	-.0	12.1	-1.5
809	617	93500	318.4	200.2	---	47.7	251.7	47.8	---	196.8	101.5	-.0	11.2	-1.7
810	617	94000	316.1	200.2	---	40.1	249.5	48.7	---	196.8	101.7	.1	12.1	-1.1
811	617	94500	318.0	200.2	---	40.6	251.4	48.5	---	196.9	101.4	.0	10.6	-2.0
812	617	95000	317.8	200.2	---	44.9	251.1	47.7	---	197.0	102.4	.0	11.9	-2.0
813	617	95500	315.7	200.2	---	37.2	250.6	48.4	---	197.0	102.5	.1	11.0	-2.0
814	617	100000	317.8	200.3	***	39.7	252.5	48.6	1784.1	197.0	102.9	.0	9.5	-2.0
815	617	100500	315.9	200.3	---	40.2	252.8	48.2	---	197.1	103.5	.0	11.7	-2.0
816	617	101000	318.2	200.3	---	40.1	253.2	47.8	---	197.2	104.3	.1	10.8	-2.0
817	617	101500	325.6	200.4	---	46.3	253.9	34.6	---	196.5	103.9	.3	7.6	-1.7
818	617	102000	322.5	200.3	---	38.8	252.9	32.8	---	196.0	100.8	.7	8.7	-2.0
819	617	102500	316.9	200.4	---	41.1	251.4	42.4	---	197.1	98.4	.7	4.7	-2.0
820	617	103000	324.2	200.5	***	40.5	252.4	45.7	1839.0	197.2	97.3	.6	5.1	-2.0
821	617	103500	318.0	200.4	---	42.5	250.7	47.1	---	197.3	96.0	.6	5.3	-2.1
822	617	104000	317.8	200.4	---	38.8	250.1	47.7	---	197.2	94.9	.5	1.9	-1.8
823	617	104500	320.8	200.4	---	37.3	252.6	47.5	---	197.2	94.3	.4	3.2	-1.7
824	617	105000	322.2	200.4	---	42.1	253.5	46.8	---	197.3	94.4	.5	2.3	-1.8
825	617	105500	321.8	200.5	---	37.2	253.4	47.4	---	197.3	94.3	.6	3.4	-2.0

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
826	617	110000	323.3	200.5	***	37.1	253.2	47.9	1894.0	197.3	94.8	.5	2.3	-1.3
827	617	110500	323.3	200.5	---	40.9	253.9	46.8	---	197.2	95.8	.4	2.1	-1.9
828	617	111000	322.2	200.5	---	41.2	253.1	47.0	---	197.3	96.6	.5	3.4	-2.3
829	617	111500	325.0	200.5	---	36.7	252.2	47.4	---	197.3	96.6	.5	2.3	-1.9
830	617	112000	322.9	200.5	---	38.3	254.1	47.2	---	197.3	97.2	.4	1.1	-2.0
831	617	112500	323.9	200.5	---	40.7	254.3	46.8	---	197.3	97.9	.4	1.5	-2.1
832	617	113000	323.3	200.6	***	39.9	253.6	47.2	1948.5	197.4	98.4	.5	.8	-1.0
833	617	113500	324.8	200.5	---	35.6	254.0	47.5	---	197.5	98.7	.5	1.9	-1.6
834	617	114000	324.8	200.6	---	37.8	254.1	47.6	---	197.5	98.4	.4	.6	-1.4
835	617	114500	323.3	200.6	---	38.0	255.0	47.8	---	197.6	98.5	.4	.4	-1.7
836	617	115000	324.6	200.6	---	38.8	255.2	48.3	---	197.7	98.8	.4	-.2	-1.8
837	617	115500	325.8	200.7	---	41.1	254.6	48.7	---	197.6	98.7	.4	-.2	-1.9
838	617	120000	321.8	200.7	***	37.6	253.7	48.4	2003.1	197.7	99.0	.5	-1.1	-1.7
839	617	120500	321.4	200.7	---	37.4	254.6	49.0	---	197.7	99.4	.4	-.6	-1.8
840	617	121000	325.8	200.7	---	37.3	255.0	48.9	---	197.8	99.6	.4	-.2	-1.5
841	617	121500	325.2	200.6	---	38.6	255.0	48.9	---	197.8	100.0	.4	-.8	-1.5
842	617	122000	325.8	200.7	---	39.2	255.0	48.9	---	197.7	100.2	.3	-.4	-2.3
843	617	122500	325.2	200.7	---	40.0	254.6	48.3	---	197.6	100.3	.4	-1.1	-2.1
844	617	123000	324.2	200.7	***	38.6	254.1	48.9	2057.2	197.6	100.6	.3	1.3	-2.2
845	617	123500	324.8	200.7	---	38.8	254.0	48.7	---	197.7	101.4	.4	-1.1	-1.9
846	617	124000	322.9	200.6	---	38.4	253.7	48.8	---	197.7	102.3	.4	-1.9	-2.1
847	617	124500	321.6	200.7	---	39.0	253.5	48.8	---	197.7	102.8	.4	-1.5	-1.4
848	617	125000	324.4	200.7	---	38.8	253.2	48.9	---	197.8	103.6	.4	-2.3	-.5
849	617	125500	321.0	200.7	---	39.0	252.8	48.8	---	197.8	104.5	.4	-3.6	-.7
850	617	130000	324.6	200.7	***	38.9	252.5	48.8	2111.5	197.7	105.3	.4	-4.7	.3
851	617	130500	322.2	200.8	---	38.3	253.0	48.6	---	197.7	105.9	.3	-4.7	-1.2
852	617	131000	323.5	200.7	---	38.7	253.7	48.8	---	197.7	106.5	.3	-4.2	-1.0
853	617	131500	322.9	200.7	---	40.7	253.9	47.7	---	197.7	106.7	.3	-4.0	-1.8
854	617	132000	320.3	200.8	---	43.5	252.7	47.7	---	197.7	107.5	.3	-4.4	-.4
855	617	132500	324.6	200.7	---	34.5	253.2	48.3	---	197.8	108.4	.3	-4.7	-.5
856	617	133000	323.5	200.7	***	44.7	254.4	46.5	2165.3	197.7	108.7	.3	-5.7	-1.2
857	617	133500	321.8	200.7	---	36.9	252.6	46.4	---	197.6	106.8	.4	-3.8	-1.9
858	617	134000	324.6	200.8	---	39.8	253.9	46.0	---	197.6	106.4	.3	-5.5	-.9
859	617	134500	321.8	200.7	---	43.1	252.2	46.0	---	197.6	106.6	.3	-4.9	-1.1
860	617	135000	325.8	200.7	---	37.0	252.2	46.4	---	197.7	107.1	.3	-2.5	-1.3
861	617	135500	320.6	200.8	---	36.0	254.6	46.3	---	197.7	108.5	.2	-2.1	-1.3
862	617	140000	319.1	200.7	***	41.2	254.6	46.5	2219.1	197.7	109.2	.1	-5.3	-1.0
863	617	140500	323.7	200.7	---	41.2	253.4	48.0	---	197.7	108.7	.3	-4.2	-1.0
864	617	141000	323.1	200.8	---	40.2	252.3	48.4	---	197.7	108.2	.3	-3.6	-.9
865	617	141500	321.4	200.8	---	38.6	252.0	48.1	---	197.8	109.3	.3	-3.2	-1.2
866	617	142000	322.0	200.8	---	35.3	253.9	47.9	---	197.8	109.9	.3	-2.8	-.5
867	617	142500	323.3	200.8	---	46.2	252.9	47.4	---	197.7	109.7	.3	-4.0	-.6
868	617	143000	318.6	200.8	***	36.0	252.0	47.6	2272.9	197.8	109.9	.4	-4.2	-.9
869	617	143500	323.7	200.9	---	37.2	253.7	47.8	---	197.7	110.0	.2	-4.0	-1.1
870	617	144000	323.1	200.8	---	40.9	253.1	47.6	---	197.8	110.1	.2	-3.6	-.9
871	617	144500	324.2	200.8	---	40.5	252.1	47.6	---	198.0	110.3	.2	-4.9	-.6
872	617	145000	321.8	200.9	---	38.0	251.2	47.8	---	197.9	111.3	.3	-3.6	-1.1
873	617	145500	321.4	200.9	---	37.9	251.8	47.7	---	197.9	111.7	.3	-4.7	-1.2
874	617	150000	324.6	201.0	***	37.4	253.3	47.6	2326.4	198.0	111.4	.2	-8.9	-.7
875	617	150500	320.1	201.0	---	41.1	252.9	47.4	---	198.1	111.7	.2	-4.0	-.5
876	617	151000	322.7	201.1	---	39.8	252.5	47.3	---	198.0	111.2	.2	-3.4	-.6
877	617	151500	322.9	201.0	---	39.7	252.4	47.2	---	198.0	110.7	.2	-4.9	-.7
878	617	152000	321.2	200.8	---	39.5	251.5	47.6	---	198.0	111.4	.2	-4.0	-.7
879	617	152500	317.4	200.8	---	38.2	251.1	47.8	---	198.1	112.3	.2	-5.9	-.9
880	617	153000	322.5	200.9	***	36.2	252.5	48.3	2379.8	198.1	112.8	.2	-5.1	-.7

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
881	617	153500	323.1	200.9	----	37.9	253.5	48.0	----	198.1	113.1	.2	-5.9	-.6
882	617	154000	324.2	200.9	----	39.4	253.7	47.7	----	198.0	112.5	.2	-5.9	-.3
883	617	154500	322.9	200.8	----	41.5	252.7	47.6	----	198.0	111.5	.2	-5.3	-.1
884	617	155000	321.4	200.8	----	36.9	252.0	47.9	----	197.9	110.0	.2	-6.1	-.5
885	617	155500	321.4	200.9	----	37.6	251.5	47.8	----	197.8	108.9	.2	-10.6	-.5
886	617	160000	322.0	201.0	***	39.4	252.0	47.9	2433.0	198.0	109.6	.1	-7.0	-.6
887	617	160500	320.8	201.0	----	39.0	251.6	47.8	----	198.1	109.8	.1	-6.4	-.5
888	617	161000	326.9	201.1	----	39.4	251.3	47.8	----	198.2	110.4	.1	-4.7	.0
889	617	161210	323.0	201.0	----	35.4	252.5	47.8	----	198.3	111.2	.1	-6.5	-.4
890	617	161240	321.9	201.0	----	36.4	252.5	47.8	----	198.4	111.1	.3	0.0	-.7
891	617	161300	316.7	201.0	----	36.8	252.9	48.3	----	198.3	111.5	.2	0.0	-1.4
892	617	161320	329.2	201.2	----	16.4	245.4	47.1	----	198.2	111.5	.1	-4.2	-1.5
893	617	161340	379.2	201.2	----	-.1	240.0	41.7	----	198.2	111.5	0.0	0.0	-1.9
894	617	161400	404.2	201.0	----	-2.1	213.7	37.9	----	198.0	111.2	0.0	0.0	-2.3
895	617	161420	425.0	200.8	----	-.2	207.5	35.0	----	197.2	111.2	0.0	-4.2	-1.7
896	617	161440	450.0	200.8	----	-.2	207.5	33.3	----	196.3	111.2	0.0	0.0	-1.3
897	617	161500	466.7	200.5	----	-5.8	188.7	31.3	----	195.8	111.3	-.1	0.0	-1.8
898	617	161520	495.8	200.7	----	-5.9	154.9	29.6	----	195.2	111.2	-.6	-4.2	-1.3
899	617	161540	504.2	200.3	----	-4.6	125.0	28.8	----	194.3	111.0	-.1	-12.5	-1.6
900	617	161600	520.8	200.5	----	.2	96.5	27.5	----	193.8	111.0	.0	0.0	-1.8
901	617	161620	541.7	200.2	----	-9.5	59.8	27.5	----	193.5	110.8	.2	-8.3	-2.1
902	617	161640	554.2	199.8	----	-6.4	36.6	27.5	----	192.7	111.0	.3	-4.2	-1.7
903	617	161700	566.7	199.7	----	-3.6	22.9	27.5	----	192.0	110.7	.1	-4.2	-1.9
904	617	161720	579.2	199.3	----	-3.4	15.0	27.5	----	191.2	110.8	.1	-8.3	-.9
905	617	161740	591.7	198.8	----	-2.4	10.0	27.5	----	190.7	110.8	-.1	-4.2	-.3
906	617	161800	600.0	198.7	----	-2.8	6.7	27.5	----	189.8	110.7	-.1	4.2	-.6
907	617	161820	616.7	198.5	----	-2.5	1.9	27.5	----	189.2	110.5	-.1	0.0	-.7
908	617	161840	616.7	198.0	----	-.8	1.3	27.1	----	188.3	110.7	1.3	0.0	-.8
909	617	161900	629.2	197.7	----	0.0	1.3	27.1	----	187.7	110.8	-.1	-8.3	-.0
910	617	161920	641.7	197.7	----	-.0	1.3	26.3	----	186.8	110.5	-.1	-4.2	.2
911	617	161940	645.8	196.8	----	0.0	1.3	26.3	----	186.3	111.0	-.0	-4.2	-.9
912	617	162000	658.3	197.0	----	-.6	1.3	26.3	----	185.5	110.3	-.1	-4.2	-.5
913	617	162020	666.7	196.7	----	-.8	.6	25.8	----	185.0	111.0	-.0	0.0	-1.0
914	617	162040	675.0	196.0	----	-1.2	1.3	25.4	----	184.0	111.0	-.1	-8.3	-.8
915	617	162100	679.2	195.5	----	-1.2	1.3	25.0	----	183.5	110.2	-.1	-4.2	-.5
916	617	162120	695.8	195.3	----	-1.2	1.3	25.4	----	183.0	110.3	-.1	-4.2	-1.2
917	617	162140	704.2	195.0	----	-1.2	1.3	25.0	----	182.3	110.2	-.1	-4.2	-1.0
918	617	162200	708.3	194.7	----	-1.2	1.3	25.4	----	181.8	110.7	-.0	-4.2	-.8
919	617	162207	712.5	194.5	----	-.5	1.3	25.0	----	181.5	110.0	-.1	-12.5	-.3
920	617	162300	726.4	194.1	----	-1.1	1.3	24.6	----	180.8	110.4	-.1	-5.6	-.6
921	617	162400	745.5	193.3	----	-1.0	1.3	23.9	----	179.4	110.4	-.1	-2.3	-.7
922	617	162500	761.4	192.3	----	-1.0	1.3	23.8	----	177.7	110.0	-.1	-8.0	-.9
923	617	162600	780.7	191.4	----	-1.1	1.3	23.5	----	175.8	109.9	-.1	-1.1	-1.0
924	617	162700	802.3	190.5	----	-1.2	1.3	22.7	----	174.0	109.5	-.1	-3.4	-.9
925	617	162800	812.5	189.7	----	-1.2	1.3	22.0	----	172.4	109.2	-.1	-5.7	-.9
926	617	162900	836.4	188.9	----	-1.3	1.3	21.7	----	170.6	108.9	-.2	-6.8	-.8
927	617	163000	845.5	188.1	***	-1.6	1.3	21.3	2456.5	168.5	108.7	-.1	-3.4	-1.1
928	617	163100	861.4	187.3	----	-1.3	1.3	21.0	----	166.5	108.4	-.1	-4.5	-.9
929	617	163200	876.1	186.7	----	-1.4	1.3	20.1	----	164.7	108.1	-.1	-4.5	-.9
930	617	163300	888.6	185.9	----	-1.4	1.3	20.0	----	162.8	107.7	-.1	-4.5	-.6
931	617	163400	903.4	185.2	----	-1.3	1.3	19.4	----	161.0	107.6	-.1	-4.5	-.9
932	617	163500	917.0	184.5	----	-1.3	1.3	19.0	----	159.0	107.4	-.1	-5.7	-.6
933	617	163600	930.7	183.8	----	-1.3	1.3	18.8	----	157.4	107.3	-.1	-1.1	-.6
934	617	163700	938.6	183.1	----	-1.4	1.3	18.4	----	155.8	106.9	-.1	-6.8	-.8
935	617	163800	953.4	182.5	----	-1.5	1.3	17.7	----	154.1	106.9	-.1	-3.4	-.8

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
936	617	163900	960.2	181.9	---	-1.5	1.3	17.5	---	152.7	107.1	-1.1	-3.4	-1.5
937	617	164000	972.7	181.4	---	-1.5	1.3	17.5	---	151.3	107.3	-1.1	-4.5	-1.4
938	617	164100	983.0	181.0	---	-1.5	1.6	16.8	---	149.9	107.5	-1.1	-3.4	-1.4
939	617	164200	990.9	180.1	---	-1.4	1.3	16.4	---	148.5	107.6	-1.1	-1.1	-1.8
940	617	164300	1003.4	179.7	---	-1.2	1.3	16.1	---	147.2	107.3	-1.1	-1.1	-1.9
941	617	164400	1011.4	179.1	---	-1.3	1.3	15.7	---	146.0	107.2	-1.1	-1.1	-1.5
942	617	164500	1019.3	178.2	---	-1.1	1.3	15.7	---	144.8	107.0	-1.1	-1.1	-1.3
943	617	164600	1033.0	177.9	---	-1.1	1.3	15.0	---	143.4	106.6	-1.1	-3.4	-1.0
944	617	164700	1037.5	177.3	---	-1.1	1.3	15.0	---	142.3	106.2	-1.0	-3.4	-1.0
945	617	164800	1048.9	176.5	---	-1.0	1.3	14.4	---	141.0	106.1	-1.1	-4.5	-1.1
946	617	164900	1054.5	176.1	---	-1.0	1.3	14.0	---	139.8	105.8	-1.1	-1.1	-1.4
947	617	165000	1067.0	175.5	---	-.9	1.3	14.0	---	138.7	105.7	-1.1	-5.7	-1.5
948	617	165100	1073.9	175.1	---	-1.1	1.3	13.4	---	137.5	105.3	-1.2	-2.3	-1.5
949	617	165200	1079.5	174.6	---	-1.0	1.3	13.4	---	136.6	105.3	-1.1	-1.1	-1.9
950	617	165300	1088.6	174.2	---	-1.1	1.3	13.2	---	135.6	106.0	-1.1	-3.4	-1.9
951	617	165400	1098.9	173.8	---	-1.4	1.3	12.5	---	134.7	105.7	-1.1	-3.4	-1.2
952	617	165500	1103.4	173.2	---	-1.4	1.3	13.0	---	133.9	105.9	-1.1	-2.3	-.7
953	617	165600	1112.5	172.7	---	-1.5	1.3	10.3	---	133.0	106.1	-1.1	-1.1	-1.2
954	617	165700	1119.3	172.1	---	-1.4	1.5	12.0	---	132.5	106.2	-1.1	-4.5	-1.4
955	617	165800	1128.4	171.9	---	-1.8	1.3	11.5	---	131.6	106.9	-1.1	-2.3	-.6
956	617	165900	1134.1	171.5	---	-2.0	1.3	11.5	---	131.0	106.9	-1.1	-5.7	-1.2
957	617	170000	1144.3	171.0	4205.7	-1.9	1.3	11.1	2456.5	130.3	107.3	-1.1	-1.1	-.6
958	617	170100	1146.6	170.5	---	-2.0	1.3	11.0	---	129.8	107.2	-1.1	-1.1	-1.2
959	617	170200	1159.1	170.0	---	-2.0	1.3	10.8	---	129.3	107.4	-1.0	0.0	-1.4
960	617	170300	1164.8	169.6	---	-2.0	1.3	10.5	---	128.8	107.5	-1.1	-2.3	-1.5
961	617	170400	1168.2	169.2	---	-2.0	1.3	9.9	---	128.3	107.7	-1.1	-1.1	-.9
962	617	170500	1175.0	168.7	---	-2.0	1.3	9.8	---	127.8	107.8	-1.1	-2.3	-4.0
963	617	170600	1180.7	168.3	---	-2.0	1.3	8.3	---	127.4	107.7	-1.1	-1.1	-24.9
964	617	170700	1186.4	167.8	---	-2.1	1.3	9.5	---	126.9	107.3	-1.1	-2.3	-25.0
965	617	170800	1196.6	167.3	---	-2.1	1.3	8.8	---	126.5	107.3	-1.1	-9.1	-24.8
966	617	170900	1208.0	166.9	---	-2.1	-2	12.2	---	126.2	107.0	-1.1	-3.4	-24.9
967	617	171000	1209.1	166.5	---	-2.0	1.3	8.9	---	125.7	107.1	-1.1	-2.3	-24.9
968	617	171100	1217.0	166.1	---	-2.3	1.3	8.8	---	125.3	106.9	-1.1	0.0	-24.9
969	617	171200	1220.5	165.7	---	-2.3	1.3	8.4	---	125.0	107.1	-1.1	0.0	-24.3
970	617	171300	1223.9	165.3	---	-2.4	1.3	8.1	---	124.4	107.0	-1.1	-1.1	-24.9
971	617	171400	1230.7	164.7	---	-2.2	1.3	7.8	---	124.0	107.3	-1.0	-2.3	-24.9
972	617	171500	1237.5	164.5	---	-2.1	1.3	7.6	---	123.8	107.2	-1.1	0.0	-24.9
973	617	171600	1245.5	163.8	---	-2.3	2.0	7.7	---	123.3	107.1	-1.1	0.0	-24.8
974	617	171700	1251.1	163.6	---	-2.2	1.3	7.3	---	123.0	106.8	-1.0	-1.1	-25.1
975	617	171800	1256.8	163.0	---	-2.0	1.3	7.5	---	122.7	106.6	-1.1	0.0	-25.0
976	617	171900	1262.5	162.4	---	-2.1	1.3	7.0	---	122.4	106.4	-1.1	-11.4	-25.1
977	617	172000	1265.9	162.1	---	-2.4	1.3	6.4	---	121.9	106.4	-1.1	-2.3	-24.8
978	617	172100	1271.6	161.8	---	-2.1	1.3	6.4	---	121.7	106.1	-1.0	0.0	-24.6
979	617	172200	1275.0	161.2	---	-2.2	1.3	6.3	---	121.5	106.1	-1.1	4.5	-24.9
980	617	172300	1281.8	160.8	---	-2.2	1.3	6.3	---	121.2	106.2	-1.1	-2.3	-24.9
981	617	172400	1288.6	160.4	---	-2.2	1.3	6.3	---	121.0	106.2	-1.1	-2.3	-25.3
982	617	172500	1294.3	160.1	---	-2.4	1.3	6.3	---	120.7	106.4	-1.1	-1.1	-25.0
983	617	172600	1300.0	159.6	---	-2.0	1.3	6.3	---	120.5	106.5	-1.0	10.2	-24.9
984	617	172700	1265.9	159.3	---	-1.9	1.3	6.0	---	120.4	106.5	-1.0	-1.1	-24.8
985	617	172800	1309.1	159.0	---	-2.0	1.3	5.9	---	120.1	106.1	-1.0	-1.1	-24.8
986	617	172900	1312.5	158.6	---	-2.2	1.3	5.5	---	119.9	105.7	-1.1	-3.4	-25.0
987	617	173000	1314.8	158.3	4205.7	-2.3	1.3	5.2	2456.5	119.8	105.6	-1.0	-1.1	-25.3
988	617	173100	1315.9	158.0	---	-2.2	1.0	5.1	---	119.4	105.7	-1.0	-2.3	-24.9
989	617	173200	1327.3	157.7	---	-2.2	1.3	5.2	---	119.5	105.5	-1.1	0.0	-25.0
990	617	173300	1329.5	157.4	---	-2.3	1.3	5.2	---	119.1	105.3	-1.0	-1.1	-24.8

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
991	617	173400	1331.8	157.1	----	-2.1	1.5	5.1	----	119.0	105.3	-0.0	-4.5	-24.7
992	617	173500	1340.9	156.7	----	-2.2	1.3	5.0	----	118.9	104.8	-1.1	-1.1	-24.8
993	617	173515	1337.5	156.3	----	-1.7	1.3	5.0	----	118.8	104.5	0.0	0.0	-25.1
994	617	173600	1342.9	156.2	----	-2.2	1.3	4.3	----	118.7	104.3	-1.1	-3.6	-24.8
995	617	173900	1351.4	155.5	----	-2.2	1.3	4.9	----	118.2	104.1	-0.0	-1.4	-24.8
996	617	174200	1361.8	154.5	----	-2.3	1.3	4.9	----	117.7	103.7	-0.0	-2.1	-24.8
997	617	174500	1376.4	153.5	----	-2.2	1.3	4.4	----	117.2	103.4	-1.1	2.5	-24.8
998	617	174800	1383.6	152.5	----	-2.2	1.3	4.3	----	116.9	103.1	-0.0	-1.8	-25.1
999	617	175100	1379.3	151.6	----	-2.1	1.3	3.9	----	116.3	102.9	-0.0	-1.1	-24.8
1000	617	175400	1407.5	150.8	----	-2.3	1.3	4.2	----	116.0	102.4	0.0	-1.8	-24.9
1001	617	175700	1412.9	149.8	----	-2.2	1.3	4.1	----	115.4	102.1	0.0	-1.1	-24.9
1002	617	180000	1425.0	148.9	4205.7	-2.4	1.2	4.0	2456.5	114.9	101.8	-0.0	-1.1	-24.9
1003	617	180300	1435.7	148.1	----	-2.5	1.3	4.6	----	114.4	101.3	-0.0	-1.1	-24.8
1004	617	180524	1441.1	147.4	----	-2.4	1.3	3.8	----	114.2	101.2	-0.0	37.9	-24.9
1005	617	180600	1445.8	146.8	----	-2.3	1.3	3.8	----	113.8	100.8	-0.0	279.2	-24.9
1006	617	180623	1446.9	147.0	----	-2.4	1.3	3.8	----	113.8	101.0	0.0	278.1	-24.8
1007	617	180700	1450.0	146.8	----	-2.5	1.3	3.8	----	113.7	100.9	0.0	282.5	-24.7
1008	617	180800	1456.8	146.2	----	-2.3	1.3	3.6	----	113.7	100.7	0.0	284.1	-24.8
1009	617	180900	1453.4	146.1	----	-2.2	1.3	3.8	----	113.5	100.7	0.1	285.2	-24.9
1010	617	181000	1455.7	145.5	----	-2.3	1.3	3.8	----	113.2	100.6	0.0	287.5	-24.9
1011	617	181100	1463.6	145.6	----	-2.4	1.3	3.8	----	112.9	100.0	0.0	304.5	-25.0
1012	617	181200	1467.0	145.2	----	-2.3	1.3	3.8	----	112.6	100.2	0.0	295.5	-24.8
1013	617	181300	1470.5	145.0	----	-2.3	1.3	3.5	----	112.2	100.3	0.0	300.0	-24.7
1014	617	181400	1471.6	144.7	----	-2.1	1.3	3.8	----	111.8	100.2	0.0	301.1	-24.9
1015	617	181500	1473.9	144.3	----	-2.0	1.3	3.8	----	111.4	99.9	0.0	301.1	-24.9
1016	617	181600	1472.7	143.9	----	-2.0	1.3	3.8	----	111.0	99.8	0.0	306.8	-24.7
1017	617	181700	1478.4	143.5	----	-2.0	1.3	3.6	----	110.6	99.8	0.0	312.5	-24.9
1018	617	181800	1481.8	143.3	----	-2.0	1.3	3.9	----	110.1	99.5	0.0	313.6	-25.0
1019	617	181900	1479.5	142.8	----	-1.9	1.3	3.8	----	109.8	99.4	0.0	313.6	-24.8
1020	617	182000	1484.1	142.4	----	-1.9	1.3	3.8	----	109.4	98.9	0.0	315.9	-25.0
1021	617	182100	1488.6	142.0	----	-1.6	1.3	3.8	----	108.7	98.9	0.0	322.7	-24.9
1022	617	182200	1489.8	141.9	----	-1.5	1.3	3.8	----	108.0	98.5	0.0	338.6	-24.8
1023	617	182300	1493.2	141.3	----	-1.4	1.3	3.6	----	107.5	98.3	0.0	327.3	-24.8
1024	617	182400	1497.7	141.0	----	-1.4	1.3	3.6	----	107.0	97.9	0.0	325.0	-24.7
1025	617	182500	1494.3	140.6	----	-1.2	1.3	3.8	----	106.5	97.7	0.0	333.0	-24.9
1026	617	182600	1497.7	140.2	----	-1.0	1.3	3.8	----	105.9	97.6	0.0	336.4	-24.9
1027	617	182700	1502.3	139.8	----	-1.1	1.3	3.8	----	105.5	97.4	0.0	337.5	-25.0
1028	617	182800	1506.8	139.5	----	-0.8	1.3	3.8	----	105.0	97.3	0.0	338.6	-25.0
1029	617	182900	1511.4	139.3	----	-0.7	1.3	3.8	----	104.5	96.9	0.0	344.3	-24.9
1030	617	182944	1510.9	138.9	----	-0.4	1.3	3.8	----	104.1	97.0	-0.0	357.8	-25.0
1031	617	183000	1512.5	139.0	4205.7	-0.7	1.3	3.8	2456.5	103.8	96.8	0.0	350.0	-24.5
1032	617	183500	1518.2	137.7	----	-0.2	1.3	3.7	----	102.8	96.3	-0.0	351.3	-24.8
1033	617	184000	1529.2	136.0	----	0.3	1.3	3.8	----	101.0	95.1	-0.0	364.2	-24.9
1034	617	184500	1541.5	134.2	----	0.8	1.3	3.7	----	99.3	94.2	-0.0	376.9	-24.8
1035	617	185000	1549.8	132.9	----	1.2	1.2	3.8	----	97.9	93.7	-1.1	386.2	-24.7
1036	617	185205	1557.8	132.0	----	1.6	1.3	3.7	----	97.3	93.3	-1.1	391.7	-24.9
1037	617	185300	1561.1	131.7	----	1.7	1.3	3.8	----	97.2	93.2	-1.1	395.8	-25.0
1038	617	185400	1561.4	131.4	----	1.8	1.3	3.6	----	97.2	93.0	-1.1	401.1	-25.1
1039	617	185500	1560.2	131.1	----	1.7	1.3	3.8	----	97.0	92.9	0.1	401.1	-25.0
1040	617	185600	1564.8	130.8	----	1.8	1.3	3.8	----	97.0	92.9	-1.1	402.3	-24.7
1041	617	185700	1552.3	130.7	----	1.8	1.3	3.8	----	96.9	93.0	-1.1	388.6	-24.8
1042	617	185800	1535.2	130.8	----	1.7	1.3	3.9	----	97.0	93.0	-1.1	363.6	-24.7
1043	617	185900	1577.3	130.8	----	1.7	1.3	3.8	----	97.0	92.8	-1.1	419.3	-25.0
1044	617	190000	1622.7	122.9	4205.7	1.7	1.3	3.8	2456.5	97.2	92.9	-1.1	462.5	-24.8
1045	617	190100	1622.7	120.0	----	1.9	1.3	3.8	----	97.2	92.9	-1.1	363.6	-24.9

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pm	Tu	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1046	617	190200	1598.9	118.4	---	1.7	1.3	3.8	---	97.2	92.9	-1	11.4	-24.8
1047	617	190300	1828.4	117.0	---	1.5	1.3	3.6	---	97.3	92.5	-1	9.1	-24.9
1048	617	190400	2272.7	116.5	---	1.3	1.3	3.5	---	97.3	92.8	-1	12.5	-24.7
1049	617	190500	2392.0	117.0	---	1.3	1.3	3.8	---	97.1	92.8	-1	11.4	-25.4
1050	617	190600	2439.8	117.0	---	1.4	1.3	3.8	---	97.3	93.0	-1	10.2	-24.8
1051	617	190700	2448.9	117.0	---	1.4	1.3	3.6	---	97.2	92.6	-1	12.5	-25.1
1052	617	190800	2488.6	117.5	---	1.4	1.3	3.8	---	97.4	92.6	-1	12.5	-24.8
1053	617	190900	2498.9	118.2	---	1.4	1.3	3.6	---	97.4	92.5	-1	13.6	-25.0
1054	617	191000	2510.2	118.3	---	1.4	1.3	3.6	---	97.2	92.2	-1	13.6	-25.0
1055	617	191100	2521.6	118.0	---	1.3	1.3	3.8	---	97.3	92.4	-1	12.5	-24.8
1056	617	191200	2523.9	117.4	---	1.3	1.3	3.8	---	97.3	92.2	-1	13.6	-24.8
1057	617	191300	2520.5	116.7	---	1.3	1.3	3.6	---	97.3	92.1	-1	12.5	-25.1
1058	617	191400	2518.2	116.4	---	1.2	1.3	3.5	---	97.1	92.0	-1	13.6	-25.0
1059	617	191500	2510.2	116.0	---	1.0	1.3	3.8	---	97.1	91.8	-1	19.3	-24.8
1060	617	191600	2510.2	115.8	---	1.1	1.3	3.5	---	97.0	91.8	-1	19.3	-24.8
1061	617	191700	2502.3	115.9	---	1.2	1.3	1.9	---	97.1	91.8	-1	23.9	-24.9
1062	617	191800	2489.8	116.0	---	1.1	1.3	7.5	---	97.1	91.6	-1	29.5	-24.8
1063	617	191900	1997.7	116.2	---	1.6	1.3	3.6	---	97.0	91.5	-1	35.2	-24.8
1064	617	192000	2194.3	116.1	---	1.1	1.3	3.6	---	96.9	91.5	-1	33.0	-25.7
1065	617	192100	2293.2	115.9	---	.8	1.3	3.8	---	96.8	91.3	-1	38.6	-24.8
1066	617	192200	2290.9	115.5	---	.9	1.3	3.8	---	96.8	91.0	-1	37.5	-24.8
1067	617	192300	2297.7	114.8	---	.9	1.3	3.6	---	96.7	90.7	-0	38.6	-24.9
1068	617	192400	2343.2	114.3	---	1.0	1.3	3.6	---	96.6	90.6	-1	42.0	-24.9
1069	617	192500	2342.0	114.0	---	.9	1.3	3.8	---	96.5	90.3	-1	50.0	-24.8
1070	617	192600	2319.3	113.8	---	.8	1.3	3.8	---	96.3	90.3	-1	51.1	-24.9
1071	617	192700	2298.9	113.7	---	.8	1.3	3.6	---	96.3	89.8	.2	75.0	-24.8
1072	617	192800	2273.9	113.1	---	.9	1.3	3.6	---	96.3	89.9	-1	89.8	-26.7
1073	617	192900	2292.0	112.8	---	.8	1.3	3.6	---	95.8	89.4	-1	87.5	-24.7
1074	617	193000	2323.9	113.2	4206.6	.7	1.3	3.4	2456.5	95.7	89.3	-1	88.6	-24.8
1075	617	193100	2322.7	113.2	---	.8	1.3	3.3	---	95.5	89.7	-0	88.6	-24.9
1076	617	193200	2296.6	112.3	---	.9	1.3	3.6	---	95.3	89.2	-1	88.6	-24.8
1077	617	193300	2305.7	111.6	---	.5	1.3	3.6	---	95.1	88.8	-1	98.9	-24.8
1078	617	193400	2288.6	111.3	---	.7	1.3	3.6	---	95.0	88.6	-1	92.0	-25.1
1079	617	193500	2280.7	111.0	---	.6	1.3	3.5	---	94.8	88.9	-1	89.8	-24.9
1080	617	193600	1896.6	110.8	---	.8	1.3	3.5	---	94.7	88.3	-1	88.6	-24.7
1081	617	193700	1238.6	110.9	---	.6	1.3	3.8	---	94.3	88.1	-1	81.0	-25.1
1082	617	193800	1354.5	111.1	---	.8	1.3	3.8	---	94.2	88.1	-1	76.1	-25.0
1083	617	193900	1961.4	110.6	---	1.7	1.3	3.8	---	94.0	87.6	-1	84.1	-24.7
1084	617	194000	1877.3	110.0	---	2.4	1.5	3.6	---	93.7	87.7	-1	88.6	-24.9
1085	617	194100	1505.7	109.3	---	2.3	2.7	3.8	---	93.8	87.6	-1	86.4	-24.7
1086	617	194200	1608.0	108.0	---	2.4	3.6	3.8	---	93.4	87.3	-1	86.4	-24.9
1087	617	194300	1487.5	108.0	---	2.3	4.4	3.6	---	93.2	87.2	-1	85.2	-25.1
1088	617	194400	1529.5	107.8	---	2.3	5.0	3.8	---	93.0	87.2	-1	87.5	-24.7
1089	617	194500	1746.6	107.1	---	2.4	6.1	3.6	---	92.7	87.2	-1	86.4	-24.8
1090	617	194600	1930.7	107.3	---	2.4	6.6	3.6	---	92.5	86.9	-0	88.6	-24.7
1091	617	194700	1961.4	108.7	---	2.4	7.5	3.8	---	92.2	86.8	-1	90.9	-24.5
1092	617	194800	1976.1	108.4	---	2.4	8.8	3.6	---	92.0	86.8	-1	93.2	-24.8
1093	617	194900	1975.0	107.1	---	2.2	9.1	3.8	---	92.0	86.8	-1	85.2	-24.9
1094	617	195000	1973.9	106.8	---	2.3	11.6	3.8	---	91.8	86.7	-1	90.9	-25.0
1095	617	195100	1964.8	106.5	---	2.4	11.3	3.3	---	91.6	86.4	-1	96.6	-24.5
1096	617	195200	1959.1	105.8	---	2.8	11.9	3.3	---	91.3	86.5	-1	96.6	-24.9
1097	617	195300	1948.9	105.5	---	2.4	12.7	3.3	---	91.3	86.3	-1	100.0	-24.9
1098	617	195400	1933.0	105.5	---	2.2	13.6	3.1	---	90.9	86.2	-1	98.9	-24.8
1099	617	195500	1283.0	105.3	---	2.2	14.0	3.3	---	90.7	86.0	-1	102.3	-24.6
1100	617	195600	1304.5	104.9	---	2.2	15.0	3.3	---	90.5	85.8	-1	87.5	-25.0

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1101	617	195700	1678.4	105.1	---	2.0	15.9	3.0	---	90.3	85.8	-.2	88.6	-24.9
1102	617	195800	1781.8	105.5	---	2.2	16.5	3.2	---	90.2	85.7	-.1	96.6	-24.6
1103	617	195900	1800.0	105.3	---	2.2	17.5	3.3	---	90.0	85.7	-.1	97.7	-24.9
1104	617	200000	1803.4	105.3	4211.8	2.1	18.3	2.8	2456.5	89.8	85.7	-.1	101.1	-24.6
1105	617	200100	1813.6	104.8	---	2.2	19.2	3.0	---	89.9	85.5	-.1	101.1	-24.7
1106	617	200200	1667.0	104.8	---	2.2	20.0	3.4	---	89.5	85.3	-.1	102.3	-24.6
1107	617	200300	1309.1	104.5	---	2.0	20.8	2.8	---	89.5	85.2	-.1	90.9	-24.6
1108	617	200400	1150.0	104.2	---	2.2	21.3	2.6	---	89.4	85.2	-.1	89.8	-24.8
1109	617	200500	897.7	104.1	---	2.1	22.0	3.1	---	89.2	85.4	-.2	87.5	-24.9
1110	617	200600	872.7	105.3	---	2.1	22.7	3.1	---	89.0	85.0	-.1	86.4	-24.9
1111	617	200700	945.5	105.6	---	2.1	23.8	3.1	---	88.8	84.8	-.1	87.5	-25.0
1112	617	200800	1368.2	105.5	---	2.5	24.0	2.7	---	88.8	84.8	-.1	87.5	-26.3
1113	617	200900	1590.9	105.5	---	2.3	25.1	3.0	---	88.5	84.6	-.1	97.7	-25.0
1114	617	201000	1214.8	105.4	---	2.1	26.0	2.8	---	88.4	84.7	-.1	92.0	-25.0
1115	617	201100	1051.1	104.8	---	2.0	26.4	2.7	---	88.3	84.5	-.1	88.6	-24.9
1116	617	201200	1293.2	104.5	---	2.1	27.2	3.2	---	88.0	84.2	-.1	88.6	-25.1
1117	617	201300	1369.3	104.8	---	2.0	27.8	2.7	---	87.9	84.3	-.1	92.0	-25.0
1118	617	201400	1284.1	104.5	---	2.1	28.8	2.6	---	87.7	84.2	-.1	95.5	-25.3
1119	617	201500	720.5	104.6	---	2.0	29.7	2.7	---	87.6	84.0	-.1	202.3	-24.7
1120	617	201600	525.0	104.4	---	2.0	30.0	3.0	---	87.4	84.0	-.1	2246.6	-24.9
1121	617	201700	584.1	103.7	---	2.1	30.1	3.0	---	87.3	83.8	-.1	2327.3	-24.9
1122	617	201800	568.2	103.3	---	2.0	31.3	3.2	---	87.3	83.7	-.1	2309.1	-24.8
1123	617	201900	547.7	102.5	---	2.0	31.8	3.1	---	87.0	83.7	-.1	2290.9	-25.1
1124	617	202000	534.1	102.1	---	2.0	32.5	3.4	---	87.0	83.8	-.1	2268.2	-24.9
1125	617	202100	515.9	101.6	---	2.0	32.8	3.1	---	86.9	83.5	-.1	2251.1	-25.1
1126	617	202200	497.7	101.8	---	2.0	33.7	3.0	---	86.7	83.2	-.1	2236.4	-24.7
1127	617	202300	485.2	102.0	---	2.0	34.3	2.6	---	86.7	83.3	-.1	2221.6	-24.9
1128	617	202400	472.7	102.3	---	2.0	35.0	3.1	---	86.6	83.3	-.1	2208.0	-24.8
1129	617	202500	494.3	102.4	---	2.0	35.1	2.7	---	86.4	83.0	-.1	1329.5	-25.0
1130	617	202600	944.3	102.2	---	2.0	36.3	3.2	---	86.4	83.0	-.1	88.6	-24.9
1131	617	202700	1400.0	101.9	---	2.0	36.4	3.1	---	86.2	82.7	-.1	92.0	-26.5
1132	617	202800	1438.6	100.9	---	2.0	37.5	3.1	---	86.0	82.7	-.1	94.3	-24.8
1133	617	202900	1238.6	100.5	---	2.0	37.8	3.3	---	86.0	82.6	-.1	93.2	-24.8
1134	617	203000	1176.1	100.6	4217.4	1.9	38.4	3.2	2456.5	85.8	82.7	-.1	88.6	-24.8
1135	617	203100	1160.2	101.0	---	1.8	38.8	3.3	---	85.7	82.7	-.1	88.6	-25.0
1136	617	203200	1155.7	101.0	---	2.0	39.5	3.4	---	85.7	82.3	-.1	88.6	-24.9
1137	617	203300	1151.1	101.1	---	1.5	40.0	3.0	---	85.6	82.1	-.1	89.8	-25.0
1138	617	203400	1143.2	101.0	---	-3.0	9.2	3.2	---	85.4	82.3	-.1	88.6	-24.9
1139	617	203500	1115.9	100.5	---	-.5	.3	3.3	---	85.4	82.3	-.1	89.8	-24.7
1140	617	203600	1128.4	100.4	---	-.5	.4	3.5	---	85.3	82.0	-.1	88.6	-24.9
1141	617	203700	1093.2	100.3	---	-.5	.1	3.2	---	85.2	81.8	-.1	89.8	-25.0
1142	617	203800	1071.6	100.3	---	-.4	.3	3.4	---	85.2	81.7	-.1	92.0	-24.9
1143	617	203900	1064.8	100.1	---	-.5	.0	3.3	---	85.0	81.3	-.1	87.5	-24.8
1144	617	204000	1045.5	100.2	---	-.4	.3	3.1	---	85.0	81.4	-.1	90.9	-24.8
1145	617	204100	863.6	100.0	---	-.5	.4	3.0	---	84.7	81.2	-.1	93.2	-24.8
1146	617	204200	295.5	99.4	---	-.5	.0	3.2	---	84.7	81.0	-.1	2279.5	-24.8
1147	617	204300	277.3	99.3	---	-.5	0.0	3.2	---	84.8	81.0	-.1	2484.1	-25.1
1148	617	204400	243.2	99.3	---	-.4	0.0	2.8	---	84.6	80.7	-.1	2443.2	-24.6
1149	617	204500	217.0	100.4	---	-.3	.0	2.8	---	84.5	80.9	-.2	2410.2	-24.9
1150	617	204600	189.8	101.7	---	-.5	.3	3.0	---	84.4	80.5	-.2	2373.9	-24.7
1151	617	204700	168.2	103.1	---	-.5	.0	2.8	---	84.4	80.8	-.2	2362.5	-24.8
1152	617	204800	152.3	103.6	---	-.5	.0	2.6	---	84.2	80.7	-.2	2344.3	-24.9
1153	617	204900	138.6	104.3	---	-.3	.1	3.1	---	84.2	80.6	-.2	2328.4	-24.8
1154	617	205000	239.8	105.1	---	-.3	.1	3.1	---	84.2	80.3	-.2	2431.8	-24.5
1155	617	205100	356.8	98.4	---	-.3	.0	3.2	---	84.1	80.3	-.2	339.8	-24.6

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	PM	TW	Wbb1	DP	Pa	Pd	Sbb1	Td	Ts	FDP	Tbng	b-
1156	617	205200	529.5	94.5	---	-.5	.0	3.0	---	84.0	80.1	-.2	87.5	-24.5
1157	617	205300	545.5	94.8	---	-.5	.1	2.8	---	84.0	80.3	-.2	84.1	-24.9
1158	617	205400	593.2	95.5	---	-.3	.0	3.2	---	84.0	80.2	-.2	87.5	-24.8
1159	617	205500	401.1	96.4	---	-.4	.0	3.1	---	84.0	80.2	-.2	81.8	-24.8
1160	617	205600	48.9	98.0	---	-.3	.1	3.0	---	84.0	80.0	-.1	76.1	-24.8
1161	617	205700	39.8	99.4	---	-.4	.2	3.3	---	83.8	79.9	-.2	75.8	-24.5
1162	617	205800	111.4	98.4	---	-.3	.1	2.7	---	83.8	79.9	-.2	75.0	-24.8
1163	617	205900	244.3	97.6	---	-.4	.2	2.7	---	83.7	79.7	-.2	76.1	-25.0
1164	617	210000	265.9	97.7	4223.3	-.5	.4	3.1	2456.5	83.8	79.6	-.2	78.4	-24.8
1165	617	210100	264.8	97.8	---	-.4	.1	2.6	---	84.0	79.9	-.2	75.0	-24.9
1166	617	210200	104.5	98.6	---	-.3	0.0	2.6	---	83.6	79.7	-.2	1203.4	-24.9
1167	617	210300	20.5	99.1	---	-.5	.1	2.5	---	83.6	79.9	-.2	2442.0	-24.8
1168	617	210400	19.3	99.2	---	-.3	.1	2.6	---	83.3	79.7	-.2	2433.0	-24.6
1169	617	210500	14.8	100.5	---	-.1	0.0	2.6	---	83.4	79.7	-.2	2419.3	-25.0
1170	617	210600	52.3	101.0	---	-.0	.0	2.5	---	83.2	79.7	-.2	2411.4	-24.9
1171	617	210700	14.8	100.7	---	-.0	.0	2.6	---	83.1	79.5	-.2	2400.0	-24.9
1172	617	210800	19.3	101.1	---	-.0	.3	2.5	---	83.1	79.7	-.2	2392.0	-24.8
1173	617	210900	15.9	101.2	---	0.0	.0	1.6	---	83.1	79.7	-.2	2385.2	-24.9
1174	617	211000	15.9	101.3	---	-.0	.1	2.6	---	83.2	79.6	-.2	2377.3	-24.8
1175	617	211100	19.3	101.4	---	-.0	.2	2.5	---	83.1	79.5	-.2	2372.7	-24.8
1176	617	211200	20.5	101.0	---	.3	.0	2.6	---	82.7	79.4	-.2	2363.6	-24.9
1177	617	211300	17.0	100.9	---	.5	.2	2.7	---	82.7	79.3	-.2	2352.3	-24.7
1178	617	211400	2.3	100.5	---	.5	.2	2.2	---	82.9	79.3	-.2	2350.0	-24.6
1179	617	211500	21.6	100.3	---	.5	.1	2.5	---	82.9	79.2	-.1	2346.6	-25.2
1180	617	211600	19.3	100.4	---	.5	.2	2.7	---	82.8	79.1	-.2	2348.9	-25.1
1181	617	211700	22.7	100.0	---	.5	.1	2.5	---	82.7	79.2	-.2	2203.4	-24.8
1182	617	211800	-22.7	99.7	---	.6	.0	2.6	---	82.8	79.3	.1	2569.3	-25.0
1183	617	211900	18.2	99.5	---	.8	.0	2.4	---	82.7	79.1	-.2	3054.5	-24.7
1184	617	212000	17.0	99.2	---	.7	.0	2.5	---	82.6	79.1	-.2	3175.0	-24.8
1185	617	212100	36.4	99.1	---	.9	.0	2.6	---	82.5	79.1	-.3	3161.4	-24.6
1186	617	212200	20.5	98.9	---	1.0	.1	2.4	---	82.5	79.3	-.1	3144.3	-24.8
1187	617	212300	21.6	98.7	---	1.1	.0	2.7	---	82.4	79.1	-.2	3119.3	-24.9
1188	617	212400	25.0	98.6	---	1.2	.0	2.5	---	82.4	78.9	-.2	3093.2	-24.7
1189	617	212500	36.4	98.5	---	1.1	.0	2.5	---	82.4	78.9	-.1	3067.0	-24.8
1190	617	212600	43.2	98.3	---	1.3	.1	2.6	---	82.2	78.9	-.2	3038.6	-24.9
1191	617	212700	65.9	98.3	---	1.3	.0	2.4	---	82.2	78.9	-.2	3021.6	-24.9
1192	617	212800	114.8	98.2	---	1.5	.0	2.4	---	82.0	78.3	-.2	3014.8	-24.9
1193	617	212900	189.8	98.3	---	1.5	.0	2.4	---	82.1	78.9	-.2	3019.3	-25.0
1194	617	213000	245.5	98.2	4224.1	1.5	.0	2.5	2456.5	82.0	78.8	-.2	3019.3	-24.8
1195	617	213100	279.5	97.8	---	1.5	.0	2.5	---	82.0	78.7	-.2	3006.8	-24.9
1196	617	213200	305.7	95.9	---	1.5	.0	2.5	---	81.9	78.9	-.2	2984.1	-24.8
1197	617	213300	329.5	94.3	---	1.5	.2	1.9	---	82.0	78.7	-.2	2956.8	-24.9
1198	617	213400	350.0	93.3	---	1.6	.0	2.4	---	81.8	78.8	-.1	2929.5	-24.8
1199	617	213500	367.0	92.8	---	1.6	.0	2.4	---	81.8	78.6	-.2	2908.0	-25.0
1200	617	213600	385.2	92.6	---	1.8	.0	2.5	---	81.7	78.7	-.2	2885.2	-24.7
1201	617	213700	404.5	92.7	---	1.8	.1	2.4	---	81.8	78.8	-.2	2851.1	-24.8
1202	617	213800	421.6	93.0	---	1.9	.4	2.5	---	81.9	78.5	-.2	2814.8	-24.8
1203	617	213900	433.0	93.2	---	2.0	.3	2.5	---	81.7	78.8	-.2	2778.4	-25.0
1204	617	214000	446.6	93.5	---	2.0	.0	1.9	---	81.7	78.7	-.2	2742.0	-24.8
1205	617	214100	463.6	93.9	---	2.0	.0	1.3	---	81.6	78.7	-.2	2786.8	-24.9
1206	617	214200	476.1	94.2	---	2.0	.0	1.4	---	81.6	78.6	-.2	2673.9	-25.1
1207	617	214300	493.2	94.4	---	2.0	.2	1.3	---	81.5	78.6	-.2	2640.9	-24.9
1208	617	214400	500.0	94.5	---	2.2	.0	1.3	---	81.4	78.7	-.2	2606.8	-24.9
1209	617	214500	510.2	94.5	---	2.1	0.0	1.3	---	81.5	78.5	-.2	2258.0	-24.9
1210	617	214600	438.6	94.8	---	2.3	.3	1.3	---	81.5	78.3	-.2	1636.4	-24.9

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1211	617	214700	237.5	95.8	---	2.4	.0	1.4	---	81.5	78.4	-.2	254.5	-25.8
1212	617	214800	135.2	97.5	---	2.5	.2	1.5	---	81.4	78.5	-.2	155.7	-24.9
1213	617	214900	93.2	98.5	---	2.5	.2	1.6	---	81.4	78.2	-.2	117.0	-24.9
1214	617	215000	69.3	98.8	---	2.5	.0	1.6	---	81.5	78.2	-.2	96.6	-24.8
1215	617	215100	58.0	98.7	---	2.5	.3	1.6	---	81.4	78.4	-.2	86.4	-24.8
1216	617	215200	52.3	98.7	---	2.5	.1	1.9	---	81.4	78.3	-.2	76.1	-24.9
1217	617	215300	47.7	98.7	---	2.5	.2	1.6	---	81.2	78.2	-.2	72.7	-25.0
1218	617	215400	50.8	98.5	---	2.5	.1	1.5	---	81.3	78.2	-.2	62.5	-25.1
1219	617	215500	47.7	98.3	---	2.5	.2	1.3	---	81.3	78.1	-.2	63.6	-24.8
1220	617	215600	44.3	98.4	---	2.5	0.0	1.5	---	81.2	78.3	-.2	58.0	-25.0
1221	617	215700	40.9	98.2	---	2.5	.1	1.4	---	81.3	78.2	-.2	53.4	-25.0
1222	617	215800	37.5	98.2	---	2.5	.1	1.6	---	81.3	78.0	-.2	51.1	-24.6
1223	617	215900	35.2	98.0	---	2.5	.0	1.4	---	81.2	78.1	-.2	50.0	-24.9
1224	617	220000	36.4	98.0	4224.1	2.5	0.0	1.4	2456.5	81.3	78.0	-.2	51.1	-24.7
1225	617	220010	37.5	97.5	---	2.5	0.0	1.3	---	81.0	78.5	-.1	50.0	-24.9
1226	617	220300	34.8	97.7	---	2.4	.1	1.4	---	81.3	78.1	-.2	38.7	-24.5
1227	617	220600	35.0	97.3	---	2.5	.1	1.4	---	81.1	77.9	-.1	37.5	-24.7
1228	617	220900	32.5	96.9	---	2.5	.1	1.4	---	80.8	77.9	-.2	34.6	-24.9
1229	617	221200	32.1	96.5	---	2.5	.1	1.5	---	80.7	77.9	-.2	28.9	-25.0
1230	617	221500	35.4	94.2	---	2.6	.1	1.4	---	80.8	77.8	-.2	26.1	-25.0
1231	617	221800	35.7	90.4	---	2.9	.1	1.6	---	80.6	77.8	-.2	24.6	-25.0
1232	617	222100	36.4	84.6	---	2.8	.0	1.5	---	80.6	77.8	-.2	23.2	-24.8
1233	617	222400	35.7	82.2	---	2.7	.0	1.5	---	80.5	77.6	-.2	20.7	-25.1
1234	617	222700	35.7	81.1	---	2.7	.1	1.2	---	80.4	77.5	-.2	15.4	-24.6
1235	617	223000	36.4	80.6	4225.7	2.7	.1	1.4	2456.5	80.4	77.4	-.2	17.9	-24.7
1236	617	223300	37.1	80.3	---	3.0	.1	1.4	---	80.3	77.2	-.2	17.5	-24.6
1237	617	223445	35.0	80.0	---	2.8	.2	1.5	---	80.4	77.4	-.2	18.1	-24.7
1238	617	223535	40.0	79.8	---	2.5	0.0	2.0	---	80.3	77.3	-.2	17.5	-24.8
1239	617	224500	-2358.1	-91.9	---	-87.8	-223.4	-236.4	---	-91.9	-90.4	-23.7	-2364.2	-24.5
1240	617	230000	-2500.0	-100.0	4225.7	-100.0	-250.0	-250.0	2456.5	-100.0	-100.0	-25.0	-2500.0	-24.1
1241	617	231500	-2500.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	-2500.0	-24.0
1242	617	233000	-2500.0	-100.0	4225.7	-100.0	-250.0	-250.0	2456.5	-100.0	-100.0	-25.0	-2500.0	-23.9
1243	617	233535	-2500.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	-2499.8	-24.0
1244	621	232004	-2500.0	79.7	---	3.0	0.0	1.0	---	86.8	79.3	1.2	-2500.0	-19.3
1245	621	233000	-2500.0	79.6	***	2.9	.0	1.2	0.0	86.5	79.3	1.1	-2500.8	-21.0
1246	621	234500	-2499.8	79.4	---	2.9	.0	1.2	---	86.1	78.9	1.0	-2499.4	-23.1
1247	622	0	-2500.0	78.6	0.0	3.0	.0	1.4	0.0	85.7	78.6	.9	-2499.9	-24.0
1248	622	1500	-2500.1	78.1	---	3.0	.0	1.3	---	85.1	78.2	.9	-2499.9	-25.0
1249	622	3000	-2499.9	78.1	0.0	3.0	.1	1.3	0.0	84.6	78.1	.9	-2499.7	-24.9
1250	622	4500	-2499.8	78.0	---	3.1	.1	1.3	---	84.2	77.8	.8	-2499.8	-24.3
1251	622	10000	-2500.2	77.5	0.0	3.1	.1	1.2	0.0	83.7	77.5	.8	-2500.0	-25.2
1252	622	11500	-2500.0	77.0	---	3.0	.1	1.3	---	83.2	77.1	.8	-2499.7	-24.8
1253	622	13000	-2500.0	76.7	0.0	3.1	.1	1.3	0.0	82.7	76.7	.7	-2500.1	-25.3
1254	622	14500	-2500.0	76.7	---	3.1	.1	1.3	---	82.4	76.6	.8	-2499.7	-24.5
1255	622	20000	-2499.8	76.4	0.0	3.0	.1	1.3	0.0	82.1	76.3	.7	-2499.9	-25.1
1256	622	21500	-2500.3	76.0	---	2.9	.1	1.3	---	81.8	75.9	.7	-2499.7	-25.0
1257	622	23000	-2500.1	75.6	0.0	2.6	.1	1.3	0.0	81.4	75.7	.6	-2499.8	-24.2
1258	622	24500	-2500.0	75.1	---	3.0	.2	1.4	---	80.9	75.2	.7	-2500.3	-25.7
1259	622	30000	-2500.1	74.9	0.0	2.8	.2	1.3	0.0	80.6	74.8	.7	-2499.7	-25.8
1260	622	31500	-2500.1	74.7	---	3.0	.3	1.3	---	80.3	74.6	.6	-2499.8	-26.0
1261	622	33000	-2499.8	74.3	0.0	3.1	.3	1.3	0.0	79.8	74.3	.6	-2499.9	-25.8
1262	622	34500	-2499.9	74.1	---	3.0	.3	1.2	---	79.5	74.0	.6	-2500.0	-26.3
1263	622	40000	-2500.1	74.0	0.0	3.2	.5	1.3	0.0	79.2	73.7	.6	-2499.9	-25.8
1264	622	41500	-2500.0	73.9	---	3.1	.6	1.5	---	78.7	73.4	.6	-2500.0	-26.1
1265	622	43000	-2500.1	73.7	0.0	3.1	.5	1.3	0.0	78.4	73.2	.6	-2500.1	-25.1

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1266	622	44500	-2499.8	73.3	---	3.2	.5	1.3	---	78.1	72.8	.6	-2500.2	-25.5
1267	622	50000	-2500.0	73.1	0.0	3.1	.7	1.2	0.0	77.8	72.5	.6	-2500.0	-25.4
1268	622	51500	-2499.9	72.8	---	3.1	.8	1.2	---	77.5	72.3	.6	-2499.8	-25.3
1269	622	53000	-2499.9	72.5	0.0	3.1	.8	1.2	0.0	77.0	71.9	.6	-2500.0	-24.8
1270	622	54500	-2500.0	72.3	---	3.3	.8	1.4	---	76.7	71.8	.6	-2499.9	-25.2
1271	622	60000	-2500.3	72.2	0.0	3.0	.7	1.2	0.0	76.5	71.8	.6	-2500.1	-24.5
1272	622	61500	-2500.0	72.8	---	3.0	.8	1.2	---	76.3	71.8	.5	-2500.1	-24.3
1273	622	63000	-2500.2	73.4	0.0	2.8	1.0	1.2	0.0	76.3	72.2	.5	-2499.9	-23.4
1274	622	64500	-2500.0	74.1	---	2.6	.9	1.2	---	76.3	72.4	.5	-2500.1	-24.4
1275	622	70000	-2499.9	74.7	0.0	2.4	.9	1.2	0.0	76.3	72.8	.5	-2499.9	-24.4
1276	622	71500	-2500.0	76.0	---	1.8	1.0	1.2	---	76.4	73.4	.5	-2499.9	-24.6
1277	622	73000	-2500.0	77.3	0.0	1.1	.9	1.2	0.0	76.8	74.0	.5	-2499.8	-24.6
1278	622	74500	-2500.1	78.6	---	-.2	1.0	1.2	---	77.4	75.2	.4	-2499.9	-24.5
1279	622	80000	-2500.0	80.4	0.0	-1.6	1.1	1.4	0.0	78.2	76.9	.4	-2499.7	-23.4
1280	622	81500	-2500.3	83.2	---	-1.7	.9	1.3	---	79.4	79.7	.4	-2499.7	-23.5
1281	622	83000	-2500.5	87.5	0.0	-1.2	.8	1.2	0.0	81.3	83.7	.4	-2500.1	-23.8
1282	622	84500	-2499.9	91.6	---	-1.2	.3	1.2	---	83.7	87.4	.5	-2500.6	-23.8
1283	622	85533	-2499.9	93.8	---	-1.3	.1	1.2	---	85.8	89.8	.5	-2499.9	-23.6
1284	622	90000	-2500.0	96.7	0.0	.1	.1	1.5	0.0	87.8	91.1	.5	-2499.5	-22.9
1285	622	91500	-2500.0	100.5	---	.0	.1	1.3	---	88.8	92.4	.5	-2499.9	-23.1
1286	622	93000	-2499.8	105.7	0.0	.0	.0	1.5	0.0	91.5	95.5	.5	-2499.8	-22.4
1287	622	94500	-2500.0	109.9	---	-.0	.0	1.3	---	94.2	97.7	.5	-2500.3	-23.0
1288	622	100000	-2500.1	112.1	0.0	-.0	.0	1.7	0.0	96.6	99.1	.5	-2499.8	-22.8
1289	622	101500	-2500.2	115.6	---	-.3	.0	1.7	---	99.1	101.6	.5	-2499.6	-23.0
1290	622	103000	-2500.0	120.0	0.0	-.3	.0	2.4	0.0	101.6	102.3	.5	-2499.6	-23.1
1291	622	104500	-2500.1	119.9	---	-.5	.0	2.5	---	104.0	103.5	.5	-2500.0	-23.4
1292	622	110000	-2499.7	119.7	0.0	-.5	.0	3.6	0.0	105.5	103.5	.5	-2500.5	-23.3
1293	622	111500	-2500.0	116.4	---	-.5	.0	6.0	---	107.9	104.9	.5	-2499.5	-23.3
1294	622	113000	-2500.0	116.0	0.0	-.5	-.0	5.6	0.0	110.4	106.0	.4	-2499.5	-23.4
1295	622	114500	-2500.0	115.3	---	-.5	0.0	5.2	---	112.9	106.5	.4	-2500.0	-23.6
1296	622	120000	-2498.7	114.8	0.0	-.5	.0	5.4	0.0	114.2	106.1	.4	-2500.0	-23.7
1297	622	121500	-2499.7	116.9	---	-.5	-.0	5.1	---	114.7	105.8	.4	-2499.9	-23.4
1298	622	123000	-2500.3	126.2	0.0	-.6	-.0	4.0	0.0	116.0	106.2	.4	-2499.7	-23.0
1299	622	124500	-2500.0	127.3	---	-.7	.0	3.9	---	116.6	105.5	.4	-2499.8	-23.3
1300	622	130000	-2499.8	125.2	0.0	-22.6	-.0	3.4	0.0	117.8	105.3	.4	-2500.0	-23.2
1301	622	131500	-2499.8	130.8	---	-100.0	-.0	2.7	---	118.2	106.1	.4	-2500.4	-23.3
1302	622	132449	-2500.0	136.3	---	-32.5	.0	2.7	---	119.3	107.4	.4	-2498.9	-22.6
1303	622	133000	-2500.0	138.5	0.0	-.0	0.0	2.9	0.0	120.3	109.2	.4	-2500.0	-22.2
1304	622	134500	-2500.6	130.0	---	-.0	-.0	2.9	---	120.1	108.1	.4	-2499.6	-22.7
1305	622	140000	-2500.0	128.4	0.0	.0	-.0	3.0	0.0	120.1	108.9	.4	-2499.5	-23.3
1306	622	141500	-2499.7	132.2	---	-.0	-.0	3.3	---	120.4	110.0	.4	-2499.9	-22.6
1307	622	143000	-2500.0	136.0	0.0	-.1	-.0	3.2	0.0	121.3	110.6	.4	-2499.8	-22.9
1308	622	144500	-2499.9	136.1	---	-.1	-.0	3.2	---	122.1	112.3	.4	-2499.2	-23.2
1309	622	150000	-2500.0	138.1	0.0	-.1	-.1	3.1	0.0	122.7	112.3	.4	-2499.6	-22.6
1310	622	151500	-2500.0	135.5	---	-.4	-.1	2.9	---	123.5	112.7	.4	-2499.9	-23.7
1311	622	153000	-2499.9	131.1	0.0	-.2	-.1	2.7	0.0	123.8	114.2	.4	-2499.3	-23.9
1312	622	154500	-2499.9	125.0	---	-.3	-.2	2.9	---	123.7	112.8	.4	-2499.5	-23.9
1313	622	160000	-2500.1	123.0	0.0	-.2	-.1	3.6	0.0	123.1	112.0	.4	-2499.9	-23.9
1314	622	161500	-2500.0	-27.8	---	-.3	-.2	3.1	---	122.7	110.0	.4	-2499.8	-23.9
1315	622	163000	-2504.3	-100.2	0.0	-.4	-.1	2.7	0.0	120.7	105.6	.4	-2499.6	-23.8
1316	622	164500	-2500.1	-28.5	---	-.4	-.0	2.6	---	118.8	103.4	.4	-2500.1	-23.9
1317	622	170000	-2499.9	112.2	0.0	-.3	-.0	3.0	0.0	117.1	101.6	.4	-2499.9	-19.9
1318	622	171500	-2499.9	110.9	---	-.3	-.0	2.4	---	115.7	100.1	.4	-2500.0	-15.5
1319	622	173000	-2500.0	109.5	0.0	-.4	-.0	2.3	0.0	114.1	98.2	.4	-2500.1	-14.5
1320	622	174500	-2500.0	107.3	---	-.5	-.0	2.1	---	112.1	94.4	.5	-2500.0	-16.4

CZ COMPILED DATA 2 D.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1321	622	180000	-711.9	103.9	0.0	-1.5	-1.0	1.6	0.0	109.5	91.2	.5	1443.2	-35.6
1322	622	181500	2040.9	101.2	---	-1.5	-1.0	1.6	---	106.8	89.0	.4	2260.5	-38.3
1323	622	183000	2040.3	98.7	.0	-1.5	-1.0	1.4	.0	104.7	86.8	.4	2261.7	-37.9
1324	622	184500	2041.3	96.3	---	-1.4	.0	1.3	---	102.9	85.7	.4	2261.5	-37.1
1325	622	190000	2042.2	94.1	.0	-1.3	.0	1.4	.0	101.0	84.4	.4	2262.4	-37.4
1326	622	191500	2044.5	92.4	---	-1.2	.0	1.3	---	99.2	83.4	.4	2263.0	-36.2
1327	622	193000	2046.8	90.9	.0	-1.1	.0	1.4	.0	97.6	82.4	.4	2263.1	-34.8
1328	622	194500	2047.1	89.5	---	-1.1	.0	1.4	---	96.0	81.8	.4	2262.7	-34.3
1329	622	200000	2048.5	88.3	.0	-1.0	.0	1.2	.0	94.5	80.9	.4	2263.1	-34.7
1330	622	201500	2046.4	86.8	---	-1.0	.0	1.3	---	93.1	79.8	.4	2263.8	-33.4
1331	622	203000	2047.3	85.3	.0	-1.0	.1	1.2	.0	91.4	79.2	.4	2264.0	-34.2
1332	622	203214	2046.6	84.5	---	-1.0	.0	1.3	---	90.5	79.1	.4	2264.9	-31.7
1333	622	203500	2048.8	84.2	---	0.0	.1	1.3	---	90.4	78.8	.4	2265.6	-32.6
1334	622	204000	2047.0	84.1	---	.0	.1	1.4	---	90.0	78.8	.4	2267.2	-34.7
1335	622	204500	2046.6	83.8	---	.0	.1	1.4	---	89.6	78.8	.4	2263.1	-33.9
1336	622	205000	2046.8	83.5	---	.0	.0	1.3	---	89.3	78.5	.4	2266.3	-31.8
1337	622	205500	2048.7	83.2	---	.0	.0	1.3	---	88.9	78.3	.4	2265.9	-34.4
1338	622	210000	2048.5	82.9	.0	.0	.1	1.1	.0	88.6	78.2	.4	2269.3	-33.2
1339	622	210500	2048.7	82.7	---	.0	.1	1.2	---	88.3	78.2	.4	2270.1	-31.7
1340	622	211000	2048.5	82.6	---	.0	.1	1.0	---	88.0	78.2	.4	2269.1	-32.6
1341	622	211500	2048.1	83.1	---	.0	.1	1.2	---	87.7	78.0	.4	2268.2	-33.6
1342	622	212000	2047.5	83.2	---	.0	.2	1.2	---	87.3	77.8	.4	2268.6	-31.5
1343	622	212500	2048.9	82.9	---	.0	.1	1.2	---	87.1	77.7	.4	2272.0	-31.4
1344	622	213000	2049.4	82.6	.0	.0	.1	1.3	.0	86.8	77.6	.4	2271.0	-35.5
1345	622	213500	2050.4	82.3	---	-1.0	.1	1.2	---	86.5	77.5	.4	2272.0	-33.8
1346	622	214000	2051.5	82.1	---	.0	.1	1.1	---	86.2	77.3	.4	2272.7	-33.5
1347	622	214500	2047.2	81.9	---	.0	.1	1.1	---	85.9	77.2	.4	2267.8	-33.3
1348	622	215000	2045.6	81.7	---	.0	.1	1.3	---	85.8	77.0	.4	2266.1	-34.0
1349	622	215500	2042.4	81.3	---	.0	.1	1.1	---	85.4	76.7	.4	2258.9	-30.8
1350	622	220000	2045.3	81.1	.0	.0	.0	1.2	.0	85.2	76.7	.4	2268.2	-30.3
1351	622	220500	2049.2	80.7	---	.0	.2	1.4	---	84.9	76.4	.4	2270.8	-32.9
1352	622	221000	2050.2	80.5	---	.0	.2	1.2	---	84.7	76.3	.4	2272.7	-31.6
1353	622	221500	2041.9	80.3	---	.0	.2	1.5	---	84.3	76.1	.4	2265.5	-34.5
1354	622	222000	2044.7	80.1	---	.0	.1	1.2	---	84.2	75.8	.4	2266.7	-34.4
1355	622	222500	2050.0	79.9	---	.0	.1	1.2	---	83.9	75.7	.4	2268.9	-30.6
1356	622	223000	2051.9	79.8	.0	.0	.3	.9	.0	83.7	75.5	.4	2262.9	-33.5
1357	622	223500	2043.9	79.6	---	.0	.1	1.3	---	83.5	75.5	.4	2263.1	-33.3
1358	622	224000	2050.6	79.4	---	.0	.1	1.1	---	83.2	75.2	.4	2259.5	-32.2
1359	622	224500	2054.4	79.3	---	.0	.2	1.1	---	82.9	75.3	.4	2260.6	-32.1
1360	622	225000	2049.2	79.2	---	.0	.1	1.1	---	82.7	75.3	.4	2260.8	-34.4
1361	622	225500	2050.6	79.1	---	.0	.2	1.2	---	82.5	75.1	.4	2257.6	-32.1
1362	622	230000	2050.2	79.1	.0	.0	.2	1.0	.0	82.3	75.1	.4	2255.7	-33.4
1363	622	230500	2054.4	78.9	---	.0	.1	1.1	---	82.2	75.1	.4	2257.8	-33.9
1364	622	231000	2050.0	78.8	---	.0	.0	1.0	---	82.1	74.9	.4	2257.0	-31.4
1365	622	231500	2050.6	78.7	---	.0	.1	.9	---	81.9	74.7	.4	2254.2	-32.4
1366	622	232000	2051.1	78.6	---	.0	.0	.9	---	81.8	74.8	.4	2254.7	-34.3
1367	622	232500	2051.1	78.4	---	.0	.2	.9	---	81.7	74.7	.4	2257.2	-33.7
1368	622	233000	2050.4	78.3	.0	.0	.1	1.0	.0	81.4	74.5	.4	2253.8	-33.0
1369	622	233500	2050.4	78.2	---	.0	.1	1.0	---	81.3	74.3	.4	2258.1	-30.0
1370	622	234000	2048.5	78.1	---	.0	.1	.7	---	81.2	74.3	.4	2260.0	-32.2
1371	622	234500	2050.8	78.0	---	.0	.1	.7	---	80.8	74.3	.4	2258.3	-33.6
1372	622	235000	2051.5	77.8	---	.0	.2	.5	---	80.7	74.2	.4	2257.8	-35.8
1373	622	235500	2051.1	77.7	---	0.0	.1	.7	---	80.6	74.1	.4	2258.3	-31.1
1374	623	0	2051.1	77.7	.0	.0	.1	.9	.0	80.5	73.8	.4	2258.9	-35.3
1375	623	500	2052.1	77.5	---	.0	.1	.6	---	80.3	73.8	.4	2259.1	-32.6

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1376	623	1000	2052.1	77.3	---	.0	.1	.5	---	80.2	73.7	.4	2260.6	-34.8
1377	623	1500	2053.0	77.2	---	.0	.1	.5	---	80.0	73.7	.4	2261.9	-32.5
1378	623	2000	2054.9	77.2	---	.0	.2	.5	---	79.8	73.5	.4	2261.0	-35.3
1379	623	2500	2052.1	77.1	---	.0	.1	.5	---	79.7	73.4	.4	2261.2	-30.5
1380	623	3000	2051.9	76.9	.0	.0	.1	.6	.0	79.5	73.3	.4	2267.2	-29.0
1381	623	3500	2053.0	76.8	---	.0	.2	.3	---	79.3	73.2	.4	2264.8	-37.1
1382	623	4000	2054.2	76.7	---	.0	.2	.4	---	79.2	73.1	.4	2272.0	-38.0
1383	623	4202	2051.6	76.7	---	.0	.1	.6	---	79.2	72.9	.4	2281.8	-32.0
1384	623	4240	2052.5	76.6	---	0.0	0.0	0.0	---	79.2	73.2	.4	2280.0	-35.1
1385	623	4300	2050.0	76.7	---	0.0	0.0	.8	---	79.3	73.2	.4	2287.5	-30.8
1386	623	4320	2050.0	76.7	---	0.0	.1	.8	---	79.0	73.3	.4	2287.5	-39.7
1387	623	4340	2054.2	76.7	---	.2	.1	1.3	---	79.0	73.2	.4	2283.3	-35.7
1388	623	4400	2050.0	76.5	---	0.0	.6	.8	---	79.2	72.7	.4	2283.3	-28.7
1389	623	4420	2050.0	76.5	---	0.0	0.0	.4	---	79.2	72.7	.4	2283.3	-20.4
1390	623	4440	2050.0	76.8	---	.1	.1	.4	---	79.0	73.5	.4	2287.5	-35.0
1391	623	4500	2054.2	76.8	---	.1	.1	.4	---	79.0	73.0	.4	2287.5	-44.3
1392	623	4520	2050.0	76.7	---	0.0	0.0	.4	---	79.0	72.8	.4	2283.3	-35.0
1393	623	4540	2050.0	76.7	---	0.0	.1	.4	---	79.0	73.0	.4	2283.3	-47.2
1394	623	4600	2050.0	76.5	---	0.0	0.0	.4	---	79.0	73.2	.2	2283.3	-41.5
1395	623	4620	2050.0	76.5	---	0.0	.6	.4	---	79.0	73.0	.4	2283.3	-35.4
1396	623	4640	2054.2	76.5	---	0.0	0.0	.8	---	79.0	72.7	.4	2279.2	-34.4
1397	623	4700	2050.0	75.8	---	.1	.1	.8	---	79.0	73.0	.4	2279.2	-36.6
1398	623	4720	2050.0	76.7	---	0.0	0.0	0.0	---	79.0	73.2	.4	2275.0	-32.1
1399	623	4740	2050.0	76.5	---	0.0	.6	.4	---	79.0	72.7	.4	2283.3	-24.6
1400	623	4800	2050.0	76.5	---	0.0	.1	.4	---	79.0	73.2	.4	2279.2	-41.0
1401	623	4820	2054.2	76.7	---	0.0	.1	.4	---	78.8	72.7	.4	2279.2	-37.5
1402	623	4840	2050.0	76.5	---	.1	0.0	.8	---	79.0	72.8	.4	2279.2	-27.2
1403	623	4900	2045.8	76.5	---	0.0	1.3	.4	---	79.0	73.2	.4	2283.3	-28.6
1404	623	4920	2050.0	76.5	---	.1	.1	.4	---	78.8	72.7	.4	2283.3	-42.0
1405	623	4940	2050.0	76.5	---	0.0	1.3	.8	---	79.0	72.8	.4	2287.5	-40.3
1406	623	5000	2050.0	76.5	---	0.0	0.0	.8	---	79.0	73.0	.4	2283.3	-21.6
1407	623	5020	2050.0	76.5	---	0.0	.1	.8	---	78.8	72.7	.4	2275.0	-30.3
1408	623	5040	2050.0	76.5	---	.1	.6	.4	---	78.8	73.0	.4	2287.5	-49.7
1409	623	5100	2045.8	76.3	---	0.0	0.0	0.0	---	78.7	72.8	.4	2279.2	-39.6
1410	623	5120	2020.8	76.5	---	0.0	.1	-2.1	---	78.7	72.5	.5	2258.3	-42.7
1411	623	5140	2012.5	77.7	---	0.0	.6	.4	---	78.8	72.8	.4	2245.8	-47.0
1412	623	5200	2020.8	82.7	---	.1	.1	.8	---	79.0	72.7	.4	2258.3	-24.9
1413	623	5220	2041.7	85.5	---	0.0	.6	.4	---	78.7	72.7	.3	2266.7	-51.9
1414	623	5240	2037.5	86.7	---	0.0	0.0	.4	---	78.8	72.7	.4	2270.8	-35.8
1415	623	5300	2037.5	87.0	---	0.0	.6	0.0	---	78.8	73.0	.4	2270.8	-32.7
1416	623	5320	2041.7	87.0	---	.1	.6	.4	---	78.8	73.0	.4	2275.0	-54.0
1417	623	5340	2041.7	87.3	---	0.0	.1	.4	---	79.0	72.5	.4	2275.0	-35.6
1418	623	5400	2045.8	87.3	---	0.0	.1	0.0	---	78.8	72.7	.4	2275.0	-31.9
1419	623	5420	2050.0	87.0	---	.1	0.0	0.0	---	78.8	72.8	.4	2275.0	-26.5
1420	623	5440	2041.7	86.7	---	.1	.1	6.3	---	78.8	72.8	.4	2275.0	-37.2
1421	623	5500	2050.0	86.8	---	0.0	.1	.4	---	78.5	72.8	.4	2275.0	-48.4
1422	623	5520	2045.8	86.5	---	0.0	0.0	.4	---	78.8	72.8	.4	2275.0	-27.4
1423	623	5540	2045.8	86.5	---	.1	0.0	.8	---	79.0	72.8	.4	2275.0	-27.6
1424	623	5600	2041.7	86.3	---	0.0	0.0	.8	---	78.5	72.7	.4	2279.2	-51.1
1425	623	5620	2050.0	86.2	---	0.0	0.0	.8	---	78.7	73.0	.4	2270.8	-39.5
1426	623	5640	2045.8	86.0	---	.1	.1	.8	---	78.7	72.7	.4	2279.2	-33.0
1427	623	5700	2045.8	85.8	---	0.0	.6	0.0	---	78.7	72.8	.4	2279.2	-39.5
1428	623	5720	2041.7	85.7	---	0.0	.1	.4	---	78.7	72.8	.4	2279.2	-35.8
1429	623	5740	2050.0	85.5	---	0.0	.1	.4	---	78.7	72.5	.4	2279.2	-38.4
1430	623	5800	2050.0	85.5	---	.1	.1	.8	---	78.5	72.7	.4	2279.2	-37.0

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1431	623	5820	2045.8	85.5	---	0.0	.1	0.0	---	78.8	72.8	.4	2279.2	-28.8
1432	623	5840	2045.8	85.3	---	0.0	.6	0.0	---	78.7	73.0	.4	2275.0	-26.5
1433	623	5900	2037.5	85.5	---	0.0	.1	0.0	---	78.5	72.7	.4	2275.0	-44.3
1434	623	5920	2045.8	85.2	---	0.0	.6	0.0	---	78.8	72.8	.4	2275.0	-29.9
1435	623	5940	2045.8	85.3	---	0.0	0.0	0.0	---	78.7	72.7	.4	2287.5	-24.8
1436	623	10000	2041.7	85.3	.2	0.0	1.3	.4	.0	78.7	72.8	.4	2283.3	-34.4
1437	623	10020	2045.8	84.8	---	.1	.1	.4	---	78.8	72.8	.4	2283.3	-24.1
1438	623	10040	2050.0	85.0	---	.1	.1	.8	---	78.5	72.8	.4	2279.2	-45.5
1439	623	10100	2045.8	84.7	---	.1	0.0	0.0	---	79.0	72.5	.4	2279.2	-20.4
1440	623	10120	2050.0	85.0	---	.1	.6	.8	---	78.8	72.8	.4	2279.2	-38.8
1441	623	10140	2050.0	84.8	---	0.0	.6	.4	---	78.7	72.7	.4	2287.5	-43.4
1442	623	10200	2041.7	84.7	---	0.0	.1	.4	---	78.7	72.8	.4	2279.2	-39.3
1443	623	10220	2054.2	84.7	---	.1	.1	.8	---	78.7	72.8	.4	2266.7	-28.0
1444	623	10240	1995.8	84.5	---	.1	.6	.4	---	78.7	72.7	.4	2279.2	-27.4
1445	623	10300	2058.3	84.7	---	0.0	0.0	.4	---	79.0	72.7	.4	2283.3	-26.8
1446	623	10320	2062.5	84.2	---	0.0	.6	.4	---	78.7	72.8	.4	2250.0	-54.5
1447	623	10340	2050.0	84.2	---	.1	.6	0.0	---	78.8	72.8	.4	2279.2	-34.7
1448	623	10400	2045.8	84.3	---	0.0	.6	0.0	---	78.5	72.7	.4	2275.0	-45.8
1449	623	10420	2041.7	84.2	---	0.0	.6	.4	---	78.5	72.5	.4	2279.2	-32.5
1450	623	10440	2050.0	84.3	---	.1	0.0	.8	---	78.5	72.7	.4	2279.2	-43.7
1451	623	10500	2050.0	84.3	---	0.0	0.0	0.0	---	78.5	72.7	.4	2283.3	-53.2
1452	623	10520	2045.8	84.2	---	.1	.1	.4	---	78.5	72.7	.4	2279.2	-28.0
1453	623	10540	2041.7	84.0	---	0.0	.1	0.0	---	78.7	72.7	.4	2279.2	-39.5
1454	623	10600	2050.0	84.0	---	0.0	0.0	.4	---	78.5	72.5	.4	2279.2	-41.4
1455	623	10620	2050.0	84.0	---	0.0	.6	0.0	---	78.5	72.8	.4	2287.5	-40.9
1456	623	10640	2045.8	84.0	---	0.0	.1	0.0	---	78.5	72.7	.4	2275.0	-35.0
1457	623	10700	2050.0	83.8	---	0.0	.6	.4	---	78.5	72.7	.4	2283.3	-35.2
1458	623	10720	2054.2	83.7	---	.1	.6	0.0	---	78.8	72.8	.4	2279.2	-32.7
1459	623	10740	2083.3	83.5	---	.2	.6	.8	---	78.5	72.5	.4	2320.8	-33.5
1460	623	10800	2075.0	83.8	---	0.0	.1	0.0	---	78.5	72.8	.4	2316.7	-42.0
1461	623	10820	2062.5	83.7	---	0.0	.6	.4	---	78.5	72.5	.4	2304.2	-44.7
1462	623	10840	2066.7	83.7	---	.1	0.0	.4	---	78.5	72.7	.4	2300.0	-35.0
1463	623	10900	2062.5	84.0	---	0.0	0.0	.4	---	78.2	72.7	.4	2308.8	-53.8
1464	623	10920	2058.3	83.7	---	.1	0.0	0.0	---	78.3	72.7	.4	2300.0	-44.9
1465	623	10940	2058.3	83.7	---	0.0	0.0	0.0	---	78.2	72.7	.4	2295.8	-38.9
1466	623	11000	2054.2	83.5	---	0.0	.1	0.0	---	78.0	72.8	.4	2291.7	-48.5
1467	623	11020	2054.2	83.3	---	.1	0.0	.4	---	78.7	72.7	.4	2300.0	-30.1
1468	623	11040	2062.5	83.5	---	.2	0.0	.4	---	78.3	72.7	.4	2308.3	-28.5
1469	623	11100	2062.5	83.5	---	0.0	.1	0.0	---	78.2	72.5	.4	2320.8	-43.0
1470	623	11120	2070.8	83.3	---	.1	0.0	.4	---	78.2	72.5	.4	2341.7	-47.7
1471	623	11140	2075.0	83.2	---	.1	.1	0.0	---	78.3	73.0	.4	2350.0	-32.1
1472	623	11200	2075.0	83.5	---	0.0	.1	.4	---	78.3	73.0	.4	2350.0	-36.9
1473	623	11220	2075.0	83.0	---	.2	.1	.4	---	78.5	72.7	.7	2350.0	-26.6
1474	623	11240	2075.0	83.0	---	0.0	.6	.4	---	78.2	72.7	.4	2350.0	-46.3
1475	623	11300	2062.5	83.3	---	0.0	.1	.4	---	78.2	72.7	.4	2341.7	-52.3
1476	623	11320	2062.5	83.2	---	.1	.1	1.3	---	78.3	72.8	.4	2337.5	-37.0
1477	623	11340	2062.5	83.2	---	0.0	.6	.4	---	78.3	72.7	.4	2337.5	-33.3
1478	623	11400	2058.3	83.2	---	0.0	1.3	.4	---	78.2	72.8	.4	2337.5	-43.8
1479	623	11420	2075.0	83.2	---	0.0	1.3	0.0	---	78.2	72.7	.4	2345.8	-48.2
1480	623	11440	2075.0	83.2	---	.2	.6	.4	---	78.3	72.7	.4	2345.8	-43.6
1481	623	11500	2062.5	82.8	---	0.0	1.3	0.0	---	78.2	72.7	.4	2333.3	-43.8
1482	623	11520	2062.5	83.0	---	.1	0.0	.4	---	78.2	72.7	.4	2333.3	-47.6
1483	623	11540	2062.5	83.0	---	.1	.6	0.0	---	78.3	72.7	.4	2337.5	-29.7
1484	623	11600	2058.3	82.8	---	0.0	0.0	.4	---	78.2	73.0	.4	2333.3	-34.1
1485	623	11620	2058.3	83.0	---	.2	.1	.8	---	78.2	72.8	.4	2337.5	-42.6

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1486	623	11640	2058.3	83.0	---	.2	.6	3.3	---	78.2	72.5	.4	2329.2	-29.7
1487	623	11700	2054.2	83.2	---	.1	.6	.4	---	78.5	72.5	.4	2333.3	-23.9
1488	623	11720	2054.2	83.0	---	.1	.1	.4	---	78.3	72.7	.4	2325.0	-35.2
1489	623	11740	2050.0	82.7	---	0.0	.6	0.0	---	78.0	72.5	.4	2333.3	-51.0
1490	623	11800	2054.2	82.8	---	.2	0.0	.8	---	78.2	72.7	.4	2325.0	-43.7
1491	623	11820	2041.7	82.8	---	.1	.1	.4	---	78.3	72.5	.4	2325.0	-33.6
1492	623	11840	1862.5	82.7	---	0.0	.6	0.0	---	78.2	72.3	.4	2166.7	-47.3
1493	623	11900	1275.0	83.7	---	.2	.6	.4	---	78.3	72.5	.4	1562.5	-41.9
1494	623	11920	941.7	84.2	---	0.0	.6	.4	---	78.0	72.5	.4	1245.8	-49.9
1495	623	11940	966.7	84.7	---	-.2	0.0	0.0	---	78.0	72.5	.4	1283.3	-51.5
1496	623	12000	1050.0	85.2	---	0.0	.1	0.0	---	78.2	72.5	.4	1354.2	-42.0
1497	623	12020	1141.7	85.5	---	0.0	0.0	0.0	---	78.2	72.3	.4	1445.8	-39.8
1498	623	12040	1183.3	85.7	---	0.0	.1	0.0	---	78.3	72.5	.4	1487.5	-29.8
1499	623	12100	1208.3	85.8	---	0.0	0.0	.4	---	78.3	72.3	.4	1504.2	-38.2
1500	623	12120	1191.7	85.5	---	0.0	.6	.4	---	78.2	72.5	.4	1495.8	-43.2
1501	623	12140	1200.0	85.5	---	0.0	.6	0.0	---	78.2	72.3	.4	1504.2	-41.4
1502	623	12200	1200.0	85.5	---	0.0	.1	.4	---	78.2	72.2	.4	1495.8	-26.0
1503	623	12220	1179.2	85.3	---	0.0	.1	0.0	---	78.0	72.5	.4	1479.2	-24.3
1504	623	12240	1187.5	85.2	---	0.0	.1	0.0	---	78.2	72.3	.4	1479.2	-17.7
1505	623	12300	1179.2	85.3	---	0.0	.6	0.0	---	78.0	72.5	.4	1479.2	-41.1
1506	623	12320	1158.3	85.2	---	-.1	.1	.8	---	78.2	72.3	.4	1462.5	-36.5
1507	623	12340	1141.7	85.2	---	0.0	.1	.4	---	78.2	72.3	.4	1441.7	-39.5
1508	623	12400	1125.0	85.0	---	.1	0.0	0.0	---	78.0	72.3	.4	1420.8	-35.6
1509	623	12420	1125.0	84.8	---	0.0	.1	.4	---	78.0	72.5	.4	1425.0	-44.9
1510	623	12440	1133.3	84.8	---	0.0	.1	0.0	---	78.3	72.5	.4	1441.7	-38.6
1511	623	12500	1145.8	84.8	---	0.0	.1	0.0	---	78.0	72.0	.5	1441.7	-58.2
1512	623	12520	1141.7	85.0	---	0.0	0.0	0.0	---	78.2	72.2	.4	1437.5	-28.0
1513	623	12540	1125.0	85.2	---	0.0	.6	0.0	---	78.2	72.0	.4	1429.2	-25.8
1514	623	12600	1108.3	85.2	---	0.0	0.0	.8	---	78.0	72.5	.4	1420.8	-21.5
1515	623	12620	1112.5	85.2	---	0.0	.6	.4	---	78.0	72.3	.4	1412.5	-52.0
1516	623	12640	1108.3	85.5	---	0.0	.6	0.0	---	78.0	72.3	.3	1408.3	-41.5
1517	623	12700	1091.7	85.8	---	.1	.1	.4	---	78.2	72.5	.4	1387.5	-44.3
1518	623	12720	1087.5	85.7	---	.1	.6	.4	---	78.2	72.5	.4	1395.8	-42.2
1519	623	12740	1070.8	86.0	---	.1	.1	.8	---	78.0	72.5	.4	1383.3	-16.0
1520	623	12800	1025.0	86.2	---	0.0	.1	.4	---	78.0	72.3	.4	1387.5	-27.7
1521	623	12820	1066.7	86.2	---	.1	.6	.4	---	78.0	72.2	.6	1375.0	-15.8
1522	623	12840	1050.0	86.3	---	.1	.1	0.0	---	78.0	72.5	.4	1354.2	-61.9
1523	623	12900	1058.3	86.3	---	0.0	.1	0.0	---	78.0	72.0	.4	1375.0	-64.4
1524	623	12920	1058.3	86.8	---	0.0	0.0	0.0	---	78.0	72.3	.4	1362.5	-38.2
1525	623	12940	1033.3	86.8	---	0.0	.1	.8	---	78.0	72.5	.4	1345.8	-17.0
1526	623	13000	1025.0	87.3	---	0.0	.6	0.0	---	78.0	72.7	.4	1337.5	1.0
1527	623	13020	1016.7	87.5	---	0.0	.6	0.0	---	78.0	72.5	.4	1325.0	-1.4
1528	623	13040	1012.5	87.5	---	0.0	.6	0.0	---	78.0	72.0	.4	1325.0	3.4
1529	623	13100	1012.5	87.8	---	0.0	.6	0.0	---	78.0	72.2	.4	1329.2	-.2
1530	623	13120	1012.5	88.0	---	0.0	.1	0.0	---	78.0	72.3	.4	1325.0	-2.3
1531	623	13140	995.8	88.5	---	.2	1.3	0.0	---	78.0	72.2	.3	1316.7	-2.3
1532	623	13200	1004.2	88.2	---	.1	0.0	.4	---	78.0	72.3	.4	1316.7	-2.8
1533	623	13220	1016.7	88.5	---	.1	.6	.4	---	78.0	72.3	.4	1329.2	-2.6
1534	623	13240	995.8	88.7	---	0.0	.1	0.0	---	78.0	72.0	.4	1316.7	-2.8
1535	623	13300	987.5	88.8	---	0.0	.6	0.0	---	78.0	72.5	.4	1300.0	-2.5
1536	623	13320	979.2	89.0	---	0.0	.1	0.0	---	78.0	72.2	.4	1300.0	-2.7
1537	623	13340	987.5	89.2	---	.1	.1	.8	---	78.0	72.2	.4	1300.0	-3.0
1538	623	13400	979.2	87.3	---	0.0	0.0	.4	---	78.0	72.3	.4	1312.5	-3.0
1539	623	13420	1004.2	89.5	---	.1	.6	.4	---	78.0	72.3	.4	1312.5	-2.9
1540	623	13440	1004.2	89.8	---	0.0	.1	.4	---	78.0	72.0	.4	1291.7	-3.1

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	TW	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1541	623	13500	950.0	89.5	---	0.0	.1	.8	---	78.0	72.5	.4	1283.3	-3.5
1542	623	13520	945.8	90.3	---	.1	.1	0.0	---	78.0	72.0	.4	1270.8	-3.3
1543	623	13540	933.3	90.0	---	0.0	.1	0.0	---	78.0	72.2	.4	1266.7	-3.4
1544	623	13600	933.3	90.3	---	0.0	.6	.4	---	78.0	72.5	.4	1262.5	-3.5
1545	623	13620	945.8	90.5	---	.1	.1	0.0	---	78.0	72.0	.4	1270.8	-3.2
1546	623	13640	962.5	90.7	---	0.0	.1	0.0	---	78.0	72.2	.4	1275.0	-3.2
1547	623	13700	966.7	90.5	---	.1	.1	0.0	---	78.0	72.3	.4	1254.2	-3.2
1548	623	13720	904.2	91.0	---	0.0	.6	.8	---	78.0	72.3	.4	1254.2	-3.2
1549	623	13740	920.8	90.7	---	0.0	.6	0.0	---	78.0	72.3	.4	1245.8	-3.4
1550	623	13800	912.5	91.0	---	0.0	0.0	0.0	---	78.0	72.5	.4	1241.7	-3.0
1551	623	13820	908.3	91.2	---	0.0	.6	.4	---	78.0	72.3	.3	1254.2	-2.9
1552	623	13840	941.7	91.3	---	.1	.6	0.0	---	78.0	71.8	.4	1262.5	-2.9
1553	623	13900	925.0	91.7	---	.1	0.0	.4	---	77.8	72.0	.4	1254.2	-2.5
1554	623	13920	891.7	91.8	---	.2	.6	-4.2	---	78.0	72.2	.4	1241.7	-2.6
1555	623	13940	937.5	91.5	---	.1	.6	0.0	---	78.0	72.5	.3	1237.5	-2.5
1556	623	14000	895.8	91.8	---	.1	.1	.4	---	78.0	72.2	.4	1233.3	-2.5
1557	623	14020	895.8	92.0	---	0.0	1.3	.4	---	78.0	72.2	.3	1220.8	-2.8
1558	623	14040	908.3	92.2	---	0.0	.1	0.0	---	77.8	72.3	.4	1225.0	-4.0
1559	623	14100	912.5	92.0	---	0.0	.1	.4	---	78.0	72.5	.4	1250.0	-1.6
1560	623	14120	895.8	92.3	---	.1	.6	.4	---	78.0	72.3	.3	1250.0	-1.6
1561	623	14140	925.0	92.3	---	.1	0.0	.4	---	78.0	72.3	.4	1254.2	-1.5
1562	623	14200	929.2	92.5	---	0.0	.1	0.0	---	77.8	72.2	.3	1250.0	-1.5
1563	623	14300	922.5	92.8	---	0.0	.2	0.0	---	77.8	72.1	.4	1250.0	-1.5
1564	623	14400	912.5	93.1	---	.0	.5	.2	---	77.8	72.2	.4	1252.3	-1.3
1565	623	14500	909.1	93.5	---	.0	.4	.2	---	77.8	72.1	.4	1244.3	-1.4
1566	623	14600	895.5	93.9	---	.0	.2	0.0	---	77.6	72.3	.4	1233.0	-1.3
1567	623	14700	878.4	94.1	---	.0	.1	.2	---	77.9	72.5	.4	1218.2	-1.4
1568	623	14800	886.4	94.5	---	.0	.1	.2	---	77.8	72.2	.4	1212.5	-1.3
1569	623	14900	859.1	95.0	---	.1	.5	.2	---	77.7	72.3	.4	1176.1	-1.3
1570	623	15000	855.7	95.2	---	.0	.5	.1	---	77.7	72.4	.4	1153.4	-1.3
1571	623	15100	852.3	95.4	---	.0	.4	.2	---	77.7	72.3	.4	1164.8	-.4
1572	623	15200	844.3	95.9	---	.0	.1	.1	---	77.8	72.2	.4	1162.5	-.8
1573	623	15300	834.1	95.9	---	.1	.1	1.0	---	77.6	72.3	.4	1160.2	-.8
1574	623	15400	829.5	96.4	---	.0	.5	.2	---	77.7	72.2	.4	1156.8	-.9
1575	623	15500	823.9	96.5	---	0.0	.2	.2	---	77.6	72.4	.4	1163.6	-.9
1576	623	15600	812.5	96.7	---	.1	.4	.1	---	77.6	72.1	.4	1151.1	-.7
1577	623	15700	806.8	97.1	---	.0	-.6	.1	---	77.4	72.2	.4	1150.0	-.6
1578	623	15800	819.3	97.4	---	.1	.2	0.0	---	77.3	72.2	.4	1159.1	-.8
1579	623	15900	797.7	97.7	---	.0	.4	.1	---	77.2	72.4	.4	1147.7	-.9
1580	623	20000	803.4	98.1	101.3	.1	.3	.3	.0	77.5	72.2	.4	1137.5	-1.0
1581	623	20100	768.2	98.3	---	.0	.2	0.0	---	77.3	72.3	.4	1125.0	-.8
1582	623	20200	759.1	98.5	---	.0	.4	.1	---	77.3	72.3	.4	1128.4	-.9
1583	623	20300	758.0	98.7	---	.1	.1	0.0	---	77.4	72.1	.4	1119.3	-.9
1584	623	20400	789.8	99.2	---	.0	.1	.3	---	77.3	72.2	.4	1148.9	-.9
1585	623	20500	784.1	99.4	---	.0	.3	.5	---	77.3	72.2	.4	1154.5	-.7
1586	623	20600	779.5	99.9	---	.0	.3	.1	---	77.3	72.1	.4	1151.1	-.8
1587	623	20700	770.5	100.2	---	.0	.7	.2	---	77.3	72.4	.4	1137.5	-.9
1588	623	20800	765.9	100.4	---	.0	.4	.1	---	77.1	72.2	.4	1138.6	-.8
1589	623	20900	760.2	100.7	---	.0	.5	.2	---	77.3	72.3	.4	1131.8	-1.1
1590	623	21000	746.6	100.9	---	.0	.7	.1	---	77.2	72.1	.4	1123.9	-1.2
1591	623	21100	746.6	101.2	---	.1	.2	.3	---	77.2	72.0	.4	1120.5	-1.3
1592	623	21200	744.3	101.3	---	.1	.3	.2	---	77.3	72.0	.4	1088.6	-1.2
1593	623	21300	742.0	101.7	---	.0	.3	.5	---	77.2	72.2	.4	1080.7	-.9
1594	623	21400	734.1	102.0	---	.1	.2	.3	---	77.3	72.1	.4	1084.1	-.9
1595	623	21500	709.1	102.0	---	.0	.4	.1	---	77.1	72.4	.4	1077.3	-.9

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1596	623	21600	729.5	102.4	---	.1	.3	.2	---	77.1	72.0	.4	1101.1	-.4
1597	623	21700	721.6	102.7	---	.1	.4	.2	---	77.0	72.0	.4	1090.9	-1.0
1598	623	21800	703.4	102.9	---	.1	.1	.3	---	77.0	72.0	.4	1081.8	-1.1
1599	623	21900	719.3	103.1	---	.1	.1	.1	---	77.0	72.1	.4	1090.9	-1.3
1600	623	22000	702.3	103.3	---	0.0	.1	.1	---	77.0	72.2	.4	1085.2	-1.2
1601	623	22100	694.3	103.7	---	.1	.1	0.0	---	77.1	71.8	.4	1085.2	-1.0
1602	623	22200	711.4	103.9	---	0.0	.2	.1	---	77.0	72.1	.4	1095.5	-1.1
1603	623	22300	704.5	104.3	---	.0	.3	.1	---	76.9	72.1	.4	1090.9	-1.2
1604	623	22400	727.3	104.5	---	.1	.3	.5	---	76.9	72.1	.4	1073.9	-1.0
1605	623	22500	697.7	104.6	---	.0	.3	.5	---	76.9	72.2	.4	1071.6	-1.2
1606	623	22600	694.3	105.0	---	.1	.2	.3	---	76.8	71.9	.4	1067.0	-2.1
1607	623	22700	696.6	105.4	---	.1	.2	.1	---	76.9	71.9	.4	1044.3	-1.4
1608	623	22800	686.4	105.5	---	.0	.2	.3	---	76.7	72.2	.4	1042.0	-1.1
1609	623	22900	679.5	105.6	---	.1	.2	.3	---	76.9	71.7	.4	1056.8	-1.3
1610	623	23000	686.4	106.0	164.7	.1	.7	.1	0	76.9	71.8	.4	1075.0	-1.5
1611	623	23100	681.8	106.3	---	.1	1.0	0.0	---	76.8	71.9	.4	1071.6	-1.3
1612	623	23200	683.0	106.5	---	.1	.2	.1	---	76.8	71.9	.4	1075.0	-1.3
1613	623	23300	675.0	106.6	---	.1	.4	.1	---	76.9	72.0	.4	1072.7	-1.3
1614	623	23400	672.7	107.0	---	.0	.4	0.0	---	76.8	71.9	.4	1067.0	-1.3
1615	623	23500	675.0	107.2	---	.1	.3	.2	---	76.7	71.8	.4	1077.3	-1.3
1616	623	23600	656.8	107.6	---	.0	.3	.3	---	76.9	72.0	.4	1053.4	-1.2
1617	623	23700	652.3	107.6	---	.0	.2	-.1	---	76.6	71.8	.4	1023.9	-1.3
1618	623	23800	648.9	107.7	---	.0	.3	.1	---	76.8	72.0	.4	1031.8	-1.2
1619	623	23900	673.9	108.0	---	.0	.2	-.5	---	76.8	71.8	.4	1027.3	-1.5
1620	623	24000	661.4	108.1	---	.1	.4	0.0	---	76.7	71.8	.4	1014.8	-1.3
1621	623	24100	640.9	108.2	---	.1	.2	.3	---	76.7	72.0	.4	1008.0	-1.5
1622	623	24200	654.5	108.4	---	.0	.4	.3	---	76.8	72.1	.4	1014.8	-1.4
1623	623	24300	683.0	108.6	---	.0	.5	0.0	---	76.7	72.1	.4	1030.6	-1.3
1624	623	24400	669.3	108.9	---	.0	.3	0.0	---	76.8	71.8	.4	1012.5	-1.1
1625	623	24500	656.8	109.0	---	.1	.4	.1	---	76.7	72.0	.4	1006.8	-1.1
1626	623	24553	667.5	109.2	---	.0	.0	.6	---	76.8	72.0	.4	1006.3	-1.5
1627	623	24600	675.0	110.0	---	0.0	1.3	0.0	---	77.0	72.0	.4	1025.0	-.8
1628	623	24800	655.4	109.8	---	.1	.4	.1	---	76.6	71.9	.4	1012.5	-1.5
1629	623	25023	665.6	110.0	---	.0	.5	.1	---	76.6	71.8	.4	1000.9	-1.4
1630	623	25100	675.0	110.2	---	0.0	0.0	0.0	---	76.5	71.8	.4	1008.3	-1.5
1631	623	25400	681.4	110.5	---	.0	.2	.2	---	76.5	71.7	.4	1013.6	-1.4
1632	623	25700	686.1	111.1	---	.0	.5	.1	---	76.5	71.8	.4	1014.6	-1.3
1633	623	30000	665.0	111.5	226.6	.1	.5	.0	0	76.4	71.7	.4	991.4	-1.3
1634	623	30300	700.7	112.0	---	.1	.4	.1	---	76.3	71.7	.4	1021.8	-1.2
1635	623	30600	678.6	112.5	---	.0	.5	.1	---	76.3	71.6	.4	1001.4	-1.3
1636	623	30900	673.9	112.8	---	.1	.1	.1	---	76.3	71.5	.3	988.9	.3
1637	623	31200	695.4	113.3	---	.1	.4	.2	---	76.3	71.4	.4	1007.1	-2.0
1638	623	31500	713.9	113.7	---	.1	.6	.2	---	76.2	71.3	.4	1016.8	-.8
1639	623	31800	697.9	114.1	---	.1	.3	-.2	---	76.2	71.4	.4	1011.8	-.9
1640	623	32100	708.2	114.5	---	.0	.4	.1	---	76.2	71.4	.4	1005.0	-.7
1641	623	32400	707.5	114.9	---	.1	.3	.1	---	76.1	71.4	.4	1002.5	-.5
1642	623	32700	711.1	115.4	---	.1	.4	-.2	---	76.0	71.3	.4	993.6	-.4
1643	623	33000	702.5	116.0	281.7	.1	.5	.1	0	76.0	71.3	.4	983.6	-.3
1644	623	33300	700.4	116.1	---	.0	.4	.0	---	76.0	71.3	.4	977.9	-.5
1645	623	33600	712.1	116.8	---	.0	.1	.3	---	76.0	71.4	.4	983.2	-.0
1646	623	33900	717.9	117.2	---	.0	.4	.1	---	76.0	71.3	.4	968.2	.2
1647	623	34200	722.5	117.6	---	.1	.5	-.4	---	76.0	71.3	.4	973.9	.4
1648	623	34500	713.6	118.1	---	.0	.5	.1	---	75.9	71.2	.4	957.5	.5
1649	623	34800	688.9	118.8	---	.0	.5	.6	---	75.9	71.2	.4	935.4	.6
1650	623	35100	685.0	119.2	---	.0	.5	.1	---	75.8	71.2	.4	928.2	.6

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tu	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1651	623	35400	677.1	119.7	---	.0	.5	.1	---	75.7	71.2	.4	923.9	.7
1652	623	35700	683.6	120.3	---	.1	.3	.1	---	75.9	71.2	.4	909.3	.6
1653	623	40000	686.8	120.8	347.0	.0	.3	.0	.0	75.8	71.0	.4	907.5	.5
1654	623	40300	687.9	121.4	---	.0	.7	.1	---	75.8	71.1	.4	902.9	.4
1655	623	40600	686.8	122.0	---	.1	.3	-.1	---	75.6	71.2	.3	905.0	.3
1656	623	40900	697.5	122.6	---	.0	.6	.0	---	75.6	71.0	.4	900.4	.3
1657	623	41200	707.9	122.9	---	.0	.5	.0	---	75.4	71.0	.4	901.1	.1
1658	623	41500	717.1	123.5	---	.0	.5	.0	---	75.3	71.0	.4	906.4	.0
1659	623	41800	735.7	123.9	---	.1	.7	.1	---	75.4	71.1	.3	909.6	.1
1660	623	42100	746.1	124.3	---	.1	.4	.1	---	75.3	71.0	.3	917.9	.0
1661	623	42400	746.8	124.6	---	.1	.5	.1	---	75.3	70.9	.4	912.1	-.1
1662	623	42700	739.3	125.3	---	.0	.4	.1	---	75.4	70.8	.4	896.4	.2
1663	623	43000	739.6	125.9	415.7	.1	.8	.4	.0	75.2	71.2	.4	891.4	.1
1664	623	43300	733.9	126.3	---	.1	.7	.1	---	75.2	70.7	.4	882.5	.1
1665	623	43600	727.9	126.9	---	.1	.6	.1	---	75.3	70.8	.4	876.4	.0
1666	623	43900	733.2	127.3	---	.0	.7	.1	---	75.2	70.9	.4	877.5	.2
1667	623	44200	746.1	127.8	---	.2	.7	0.0	---	75.2	70.8	.4	884.6	.0
1668	623	44500	732.5	128.4	---	.0	.8	.1	---	75.1	70.8	.3	862.5	.1
1669	623	44800	725.7	129.1	---	.2	.5	.6	---	75.0	70.7	.4	859.6	.2
1670	623	45100	717.5	129.6	---	.1	.4	.1	---	74.9	70.8	.4	851.4	-.4
1671	623	45400	703.2	130.3	---	.1	.7	.0	---	74.9	70.7	.4	840.4	-.1
1672	623	45700	681.1	130.8	---	.2	.7	.1	---	74.9	70.7	.4	816.8	.1
1673	623	50000	692.5	131.5	485.0	.2	.6	.1	.0	74.8	70.7	.4	832.5	.0
1674	623	50300	658.9	132.2	---	.1	.8	.1	---	74.7	70.6	.4	798.2	-.1
1675	623	50600	647.9	132.8	---	.1	.9	0.0	---	74.8	70.8	.4	787.9	.1
1676	623	50900	647.1	133.4	---	.1	.9	.1	---	74.8	70.8	.4	787.5	.1
1677	623	51200	637.9	133.9	---	.1	.7	-.1	---	74.8	70.6	.4	786.1	-.1
1678	623	51500	622.9	134.6	---	.1	.5	-.3	---	74.8	70.8	.4	772.5	-.2
1679	623	51800	620.0	135.1	---	.2	.7	.0	---	74.7	70.7	.3	765.4	.0
1680	623	52100	611.8	135.6	---	.1	.9	0.0	---	74.7	70.8	.4	763.2	-.6
1681	623	52400	631.1	136.2	---	.0	.8	.0	---	74.6	70.6	.4	781.8	-.2
1682	623	52700	638.2	136.7	---	.1	.4	.0	---	74.7	70.8	.4	787.5	-.3
1683	623	53000	630.7	137.3	554.5	.1	.9	.0	.0	74.6	70.6	.3	785.0	-.2
1684	623	53300	608.2	137.7	---	.2	.8	.0	---	74.5	70.6	.3	765.7	-.3
1685	623	53600	607.9	138.2	---	.1	.7	.2	---	74.5	70.6	.4	768.9	-.2
1686	623	53900	609.3	138.8	---	.1	.8	0.0	---	74.5	70.4	.4	769.3	-.3
1687	623	54200	594.6	139.2	---	.1	.9	.1	---	74.5	70.4	.4	757.1	-.2
1688	623	54500	620.0	139.9	---	.1	.7	.0	---	74.5	70.3	.4	780.0	-.2
1689	623	54800	616.1	140.2	---	.2	.6	.2	---	74.4	70.3	.4	777.9	-.3
1690	623	55100	619.3	140.6	---	.1	.7	.1	---	74.4	70.3	.4	782.5	-.4
1691	623	55400	624.6	140.8	---	.1	.8	.3	---	74.5	70.2	.4	791.4	-.5
1692	623	55700	626.1	141.2	---	1.2	1.2	.3	---	74.5	70.3	.4	792.5	1.0
1693	623	60000	616.4	141.7	***	1.4	20.8	.8	.7	74.1	70.4	.5	778.6	-.3
1694	623	60300	625.4	142.1	---	-.5	21.6	7.5	---	104.5	70.7	-.0	790.0	.1
1695	623	60600	635.4	142.5	---	-.5	16.9	6.8	---	117.3	70.7	-.1	803.2	-.4
1696	623	60900	631.1	142.9	---	-.5	13.4	5.1	---	116.6	70.7	.0	803.6	-.4
1697	623	61200	611.1	143.2	---	-.4	10.4	5.0	---	114.9	70.9	.1	775.4	-.4
1698	623	61230	612.5	143.5	---	-.9	8.8	5.3	---	114.9	70.9	.1	775.0	-.2
1699	623	61310	612.5	143.5	---	-.5	8.8	5.0	---	115.0	71.0	.1	775.0	-.4
1700	623	61500	614.4	144.1	---	-.7	7.7	4.3	---	111.6	71.2	.0	767.5	-.4
1701	623	62000	603.6	145.0	---	-.8	5.8	2.5	---	114.4	71.3	-.0	771.0	-.4
1702	623	62249	604.9	145.5	---	-.7	4.4	1.8	---	113.5	71.3	.0	770.1	-.6
1703	623	62500	614.1	145.9	---	-1.0	3.7	2.1	---	112.1	71.6	0.0	775.0	-.5
1704	623	63000	611.9	146.1	***	-.4	2.9	2.1	4.2	110.8	71.6	-.0	772.2	-.6
1705	623	63500	627.8	146.7	---	-.0	1.9	1.2	---	109.4	72.2	-.0	778.4	-.4

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1706	623	64000	651.7	146.8	---	.0	1.3	1.7	---	108.3	72.5	.0	803.8	-.4
1707	623	64500	688.8	146.9	---	-.1	1.3	1.7	---	107.0	72.8	-.0	835.8	-.4
1708	623	65000	697.2	147.2	---	-.0	1.2	1.6	---	105.8	73.5	.0	836.4	-.1
1709	623	65500	701.1	147.6	---	-.1	1.3	1.4	---	104.8	73.8	.0	837.9	-.2
1710	623	70000	717.4	147.9	751.4	-.8	1.2	1.6	4.2	103.9	74.2	.0	840.9	.0
1711	623	70500	726.1	148.1	---	-.7	1.3	1.6	---	103.1	74.6	.0	846.8	-.4
1712	623	71000	730.1	148.1	---	.0	1.3	1.6	---	102.1	75.1	.1	851.5	-.4
1713	623	71500	730.1	148.6	---	-.1	1.2	1.5	---	101.2	75.6	.0	850.4	-.4
1714	623	72000	725.8	148.8	---	-.8	1.1	1.4	---	100.5	76.0	.0	842.6	-.3
1715	623	72500	726.7	149.2	---	-.2	1.2	1.5	---	99.7	76.4	.1	838.3	-.5
1716	623	73000	727.8	149.5	810.3	-.0	1.2	1.2	4.2	99.2	76.9	.1	837.7	-.6
1717	623	73500	724.8	149.8	---	-.6	1.3	1.3	---	98.7	77.5	.1	835.0	-.8
1718	623	74000	728.6	150.1	---	-.7	1.2	1.3	---	98.1	78.2	.1	834.7	-.8
1719	623	74500	739.8	150.5	---	-.2	1.2	1.5	---	97.7	78.9	.1	841.9	-.8
1720	623	75000	748.3	150.8	---	-.0	1.3	1.5	---	97.3	79.6	.1	848.3	-.9
1721	623	75500	711.0	151.0	---	-.0	1.1	1.5	---	96.8	80.5	.1	809.1	-.7
1722	623	80000	457.6	152.4	879.7	-.8	1.1	1.5	4.2	96.6	81.5	.1	544.7	-.7
1723	623	80500	408.7	153.4	---	-.2	1.3	1.0	---	96.6	82.3	.1	491.3	-.8
1724	623	81000	397.7	154.4	---	2.0	30.5	1.3	---	95.8	83.3	.1	470.1	-.7
1725	623	81500	385.0	155.4	---	1.1	132.8	1.3	---	95.7	84.5	.1	456.4	-1.0
1726	623	82000	384.3	156.3	---	1.9	208.1	1.2	---	95.7	85.2	.1	453.4	-1.1
1727	623	82500	384.3	157.3	---	1.7	212.4	1.3	---	95.5	84.8	.2	452.5	-1.1
1728	623	83000	382.8	158.0	---	1.1	214.9	1.0	51.6	95.4	85.7	.2	450.0	-.9
1729	623	83500	379.0	158.9	---	28.5	215.3	1.1	---	95.5	86.7	.2	440.7	-.8
1730	623	84000	379.7	159.6	---	50.7	216.3	1.3	---	95.6	87.4	.1	440.5	-.6
1731	623	84500	382.8	160.5	---	47.6	217.4	1.5	---	95.7	88.7	.2	437.9	-.6
1732	623	85000	375.2	161.2	---	53.4	216.4	1.2	---	95.7	89.7	.2	434.5	-.5
1733	623	85500	374.4	161.9	---	49.7	214.6	1.3	---	95.6	90.7	.2	421.0	-.4
1734	623	90000	373.3	162.6	---	51.5	215.5	1.3	111.6	95.5	91.5	.2	419.9	-.3
1735	623	90500	368.9	163.1	---	49.0	214.0	1.3	---	95.4	92.1	.2	412.7	-.0
1736	623	91000	364.4	163.4	---	47.9	214.5	1.2	---	95.3	92.9	.2	412.5	-.1
1737	623	91500	362.1	163.9	---	40.9	215.9	1.3	---	95.2	94.7	.1	412.7	-.1
1738	623	92000	364.2	164.6	---	40.7	216.2	1.3	---	95.4	96.9	.1	413.6	0.0
1739	623	92500	359.5	165.2	---	35.1	216.3	1.3	---	95.6	98.4	.1	409.5	.0
1740	623	93000	367.4	165.7	---	34.9	217.9	1.2	169.6	96.0	99.4	.1	413.1	.3
1741	623	93500	374.6	166.4	---	46.3	219.0	1.1	---	96.6	100.1	.1	419.7	.3
1742	623	94000	368.6	167.1	---	45.5	217.2	1.3	---	96.9	100.9	.1	412.5	.4
1743	623	94500	368.0	167.4	---	61.7	220.1	1.0	---	97.5	101.9	.1	407.8	.3
1744	623	95000	373.7	168.1	---	68.0	219.5	1.3	---	97.9	103.3	.1	416.9	.5
1745	623	95500	371.6	168.6	---	37.2	220.5	1.3	---	98.3	103.6	.1	410.8	.1
1746	623	100000	366.5	169.1	---	49.5	218.4	1.3	226.0	98.8	104.4	.1	411.0	.5
1747	623	100500	370.3	169.6	---	47.6	217.5	1.2	---	99.1	105.6	.1	402.8	.4
1748	623	101000	363.8	170.1	---	48.6	217.8	1.3	---	99.7	106.5	.1	396.6	.4
1749	623	101500	363.3	170.4	---	41.8	218.8	1.2	---	100.3	106.3	.1	399.4	.3
1750	623	102000	367.2	170.9	---	45.5	218.1	1.3	---	100.4	104.9	.1	397.0	.3
1751	623	102500	365.3	171.3	---	45.4	217.4	1.2	---	100.3	103.6	.1	394.9	.1
1752	623	103000	365.3	171.8	---	44.9	216.7	1.1	283.3	100.8	102.8	.1	390.3	.2
1753	623	103500	365.9	172.2	---	47.6	216.1	1.5	---	99.8	101.3	.1	389.6	.4
1754	623	104000	362.3	172.8	---	39.0	216.5	1.1	---	99.6	100.8	.1	390.0	.1
1755	623	104500	362.5	173.1	---	45.6	216.3	1.3	---	99.2	100.7	.1	388.3	.2
1756	623	105000	363.1	173.5	---	45.8	215.8	1.0	---	98.9	100.5	.1	388.1	-.3
1757	623	105500	362.3	173.9	---	41.8	215.0	.9	---	98.5	100.3	.1	383.9	-.4
1758	623	110000	363.3	174.2	---	41.5	215.0	.9	339.9	98.3	100.2	.1	387.7	-.6
1759	623	110500	361.0	174.6	---	41.7	214.7	.7	---	97.9	100.7	.1	386.4	-.8
1760	623	111000	359.1	174.9	---	41.1	213.6	.4	---	97.5	100.4	.1	383.3	-.7

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Pg	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1761	623	111500	357.2	175.3	---	41.6	213.4	.8	---	97.1	99.3	.1	386.2	-1.0
1762	623	112000	363.3	175.6	---	41.7	213.8	.5	---	96.4	98.1	.1	385.4	-.9
1763	623	112500	358.9	175.9	---	42.1	214.8	1.8	---	95.9	98.8	.1	386.0	-.8
1764	623	113000	360.6	176.3	***	45.1	215.0	1.1	396.2	95.3	99.2	.1	381.1	-.8
1765	623	113500	359.5	176.7	---	45.1	215.0	1.1	---	94.9	98.7	.1	380.7	-1.0
1766	623	114000	362.1	177.1	---	45.0	214.3	1.0	---	94.3	97.9	.2	379.2	-1.1
1767	623	114500	365.5	177.3	---	45.7	214.6	.9	---	93.7	96.7	.1	379.2	-1.1
1768	623	115000	357.8	177.6	---	55.8	214.4	1.0	---	93.0	95.1	.1	376.3	-1.1
1769	623	115500	357.2	177.8	---	49.8	212.0	1.0	---	92.1	92.4	.1	376.3	-1.3
1770	623	120000	357.4	178.1	***	44.0	213.0	.9	451.5	91.0	89.1	.2	375.4	-1.0
1771	623	120500	356.6	178.4	---	44.3	213.6	1.1	---	90.0	87.8	.2	374.6	-1.2
1772	623	121000	360.2	178.6	---	46.5	213.6	1.0	---	89.0	86.9	.1	377.1	-1.1
1773	623	121500	359.5	178.9	---	46.7	213.2	1.0	---	88.4	86.3	.2	375.0	-1.2
1774	623	122000	359.1	179.1	---	46.8	212.8	1.1	---	87.2	83.2	.2	375.0	-1.2
1775	623	122500	360.0	179.3	---	47.1	212.7	1.1	---	86.0	81.0	.2	375.2	-1.2
1776	623	123000	358.1	179.7	1671.5	47.1	212.7	1.3	506.4	85.0	80.0	.2	375.2	-1.2
1777	623	123500	357.6	179.9	---	46.6	212.5	1.0	---	84.2	80.1	.2	374.6	-1.6
1778	623	124000	359.1	180.3	---	47.0	212.5	1.1	---	83.8	81.3	.2	372.7	-1.2
1779	623	124500	358.1	180.6	---	46.8	212.5	1.1	---	83.1	82.1	.2	374.8	-1.4
1780	623	125000	357.0	180.8	---	46.7	212.5	1.1	---	82.8	83.3	.2	374.2	-1.4
1781	623	125500	358.9	181.0	---	47.0	212.4	1.1	---	82.5	84.7	.2	375.0	-2.0
1782	623	130000	354.4	181.1	1744.4	47.2	212.5	1.2	561.1	82.2	86.2	.2	369.5	-1.3
1783	623	130500	354.9	181.3	---	47.1	212.5	1.1	---	82.0	87.7	.2	374.2	-1.5
1784	623	131000	355.9	181.6	---	47.4	212.5	1.1	---	81.7	89.0	.2	376.9	-1.4
1785	623	131500	353.4	181.9	---	47.7	212.4	1.0	---	81.5	90.6	.2	373.9	-1.5
1786	623	132000	350.4	182.0	---	47.1	212.1	1.1	---	81.3	91.7	.2	373.7	-1.4
1787	623	132500	352.3	182.2	---	46.6	211.6	1.1	---	81.1	92.4	.2	373.7	-1.6
1788	623	133000	353.4	182.4	1817.4	46.8	211.6	1.0	615.7	81.0	92.2	.2	372.7	-1.4
1789	623	133500	351.7	182.7	---	46.8	212.1	1.1	---	80.8	91.6	.2	374.4	-1.3
1790	623	134000	356.8	182.8	---	46.6	212.2	.9	---	80.6	90.5	.2	371.4	-1.1
1791	623	134500	354.9	183.0	---	46.7	212.1	1.1	---	80.7	90.0	.2	370.3	-1.0
1792	623	135000	352.3	183.2	---	47.1	211.7	1.1	---	80.5	89.6	.1	368.4	-.9
1793	623	135500	352.3	183.3	---	46.9	211.7	1.1	---	80.6	89.8	.2	370.6	-.9
1794	623	140000	352.3	183.6	1891.9	46.9	212.1	1.1	669.9	80.9	90.6	.2	369.3	-.9
1795	623	140500	352.8	183.8	---	46.6	212.5	1.4	---	81.3	91.8	.1	367.8	-.8
1796	623	141000	353.0	183.8	---	41.6	213.9	1.1	---	82.0	93.2	.1	368.4	-.7
1797	623	141500	353.4	184.2	---	43.8	215.0	1.1	---	82.9	94.6	.1	369.9	-.6
1798	623	142000	354.2	184.3	---	45.8	215.0	1.1	---	83.8	95.7	.1	365.5	-.7
1799	623	142500	353.4	184.5	---	47.4	215.1	1.2	---	84.6	97.3	.1	367.4	-.7
1800	623	143000	354.2	184.7	1964.6	47.3	215.8	1.4	724.0	85.4	98.5	.1	368.4	-.7
1801	623	143500	353.6	184.8	---	47.8	216.3	1.1	---	86.4	99.3	.1	369.9	-.7
1802	623	144000	353.6	185.0	---	48.3	216.3	2.8	---	87.3	100.9	.1	368.2	-.7
1803	623	144500	354.2	185.2	---	48.2	216.3	2.8	---	88.3	102.3	.1	370.3	-.7
1804	623	145000	355.3	185.2	---	47.8	216.3	2.9	---	89.4	103.0	.1	367.2	-.8
1805	623	145500	352.1	185.2	---	47.7	215.4	2.8	---	89.4	101.1	.1	362.9	-1.0
1806	623	150000	351.3	185.3	2041.8	47.8	215.0	2.9	777.3	89.5	98.6	.2	364.2	-1.0
1807	623	150500	352.3	185.5	---	47.7	215.0	2.7	---	89.3	97.3	.2	366.3	-.8
1808	623	151000	353.4	185.6	---	47.6	214.9	2.9	---	88.9	96.0	.2	367.4	-.9
1809	623	151500	351.9	185.8	---	47.5	214.4	2.3	---	88.8	95.6	.2	365.9	-1.1
1810	623	152000	351.7	185.8	---	45.3	214.4	1.6	---	88.6	94.9	.2	367.6	-1.0
1811	623	152500	353.2	185.9	---	46.4	215.0	1.8	---	88.4	93.9	.2	368.0	-1.0
1812	623	153000	352.3	186.1	***	46.0	215.0	1.4	830.3	88.2	92.6	.2	365.3	-1.0
1813	623	153235	352.5	186.3	---	33.4	215.0	1.6	---	87.9	91.8	.2	366.7	-1.1
1814	623	153300	358.3	186.5	---	46.0	212.0	1.7	---	87.5	91.5	.2	362.5	-.9
1815	623	153320	350.0	186.2	---	46.0	212.0	1.3	---	87.5	91.0	.2	362.5	-.8

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1816	623	153340	345.8	186.3	---	46.0	212.0	1.3	---	87.5	91.2	.2	362.5	-.8
1817	623	153400	354.2	186.0	---	46.0	212.0	1.3	---	87.5	90.7	.2	366.7	-1.3
1818	623	153420	350.0	186.3	---	46.0	212.0	1.3	---	87.5	90.7	.3	362.5	-1.2
1819	623	153440	350.0	186.2	---	46.0	212.0	1.3	---	87.5	90.3	.2	366.7	-1.1
1820	623	153500	350.0	186.2	---	46.0	212.0	1.3	---	87.5	90.0	.3	366.7	0.0
1821	623	153520	350.0	186.3	---	46.0	212.0	1.3	---	87.5	89.8	.1	362.5	-1.3
1822	623	153540	345.8	186.2	---	46.0	212.0	1.3	---	87.5	89.3	.3	366.7	-1.3
1823	623	153600	345.8	186.3	---	46.0	212.0	1.3	---	87.5	89.0	.3	362.5	-1.0
1824	623	153620	350.0	186.2	---	46.0	212.0	1.3	---	87.5	89.5	.2	362.5	-.9
1825	623	153640	350.0	186.5	---	46.0	212.0	1.3	---	87.5	89.0	.3	362.5	-1.0
1826	623	153700	358.3	186.3	---	46.0	212.0	1.3	---	87.3	88.7	.3	362.5	-1.1
1827	623	153720	345.8	186.2	---	46.0	212.0	1.3	---	87.3	86.8	.3	362.5	-1.0
1828	623	153740	354.2	186.3	---	36.2	213.8	1.3	---	87.5	88.7	.3	366.7	-1.2
1829	623	153800	345.8	186.3	---	36.2	213.8	1.3	---	87.3	88.8	.3	366.7	-1.3
1830	623	153820	350.0	186.3	---	36.3	214.6	1.3	---	87.5	88.8	.2	366.7	-1.3
1831	623	153840	350.0	186.3	---	38.5	214.2	1.3	---	87.3	89.5	.3	366.7	-1.2
1832	623	153900	345.8	186.2	---	43.0	214.2	1.3	---	87.2	89.3	.3	362.5	-1.0
1833	623	153920	350.0	186.2	---	42.0	213.8	1.3	---	87.5	89.2	.3	366.7	-1.0
1834	623	153940	350.0	186.5	---	43.2	214.2	1.3	---	87.3	89.3	.3	370.8	-1.5
1835	623	154000	350.0	186.5	---	50.6	213.8	1.3	---	87.3	89.7	.2	366.7	-.8
1836	623	154100	351.3	186.4	---	44.0	213.9	1.4	---	87.2	89.6	.1	363.8	-1.3
1837	623	154500	350.9	186.5	---	46.6	213.9	1.3	---	87.0	90.2	.2	366.4	-1.1
1838	623	155000	354.4	186.7	---	47.4	212.7	1.5	---	86.8	90.7	.2	364.0	-.9
1839	623	155500	349.8	186.7	---	47.4	212.5	1.2	---	86.5	90.7	.2	364.4	-1.1
1840	623	160000	348.9	186.7	***	47.6	212.4	1.3	882.7	86.3	90.9	.2	364.4	-1.0
1841	623	160130	350.0	186.9	---	48.3	212.5	1.4	---	86.1	90.9	.2	363.2	-1.2
1842	623	160500	349.6	186.9	---	47.7	212.5	1.3	---	86.2	91.2	.2	364.0	-1.0
1843	623	161000	348.9	187.0	---	47.7	212.3	1.3	---	86.1	90.8	.2	363.1	-.7
1844	623	161500	344.5	187.1	---	47.4	211.5	1.3	---	86.0	90.6	.2	362.3	-.8
1845	623	162000	348.1	187.1	---	47.9	212.4	1.3	---	85.9	90.2	.2	364.0	-.4
1846	623	162500	344.9	187.3	---	47.7	212.5	1.3	---	85.8	90.2	.2	363.8	-1.0
1847	623	163000	352.3	187.4	***	48.4	212.5	1.3	934.7	85.7	90.4	.2	364.2	-1.0
1848	623	163500	349.4	187.4	---	48.0	213.3	1.3	---	85.9	91.6	.2	361.9	-.9
1849	623	164000	350.4	187.6	---	48.4	214.2	1.3	---	86.2	92.7	.2	361.9	-1.0
1850	623	164500	345.1	187.6	---	48.8	214.8	1.4	---	86.8	93.8	.2	362.1	-1.0
1851	623	165000	349.2	187.7	---	48.6	214.6	1.5	---	87.3	93.7	.2	362.1	-1.1
1852	623	165500	349.2	187.8	---	50.2	213.1	1.4	---	87.5	94.1	.2	361.9	-1.1
1853	623	170000	348.3	187.9	***	47.1	213.5	1.4	986.5	87.8	94.3	.2	361.7	-1.3
1854	623	170500	349.4	188.0	---	46.6	213.8	1.3	---	87.9	94.6	.2	361.4	-1.1
1855	623	171000	351.5	188.2	---	46.5	214.5	1.3	---	87.9	95.2	.2	362.3	-.9
1856	623	171500	349.8	188.3	---	46.5	214.9	1.3	---	88.4	95.9	.2	362.1	-1.0
1857	623	172000	350.2	188.3	---	46.6	215.0	1.4	---	89.0	96.1	.2	360.2	-1.0
1858	623	172500	351.3	188.3	---	47.0	214.7	1.3	---	89.6	110.7	.2	360.0	-1.1
1859	623	173000	348.9	188.5	***	46.6	214.9	1.3	1038.3	90.3	109.7	.2	362.3	-1.1
1860	623	173500	348.9	188.6	---	13.1	211.1	1.3	---	90.7	109.8	.2	359.7	-1.1
1861	623	174000	351.1	188.7	---	40.4	216.1	1.3	---	91.2	108.4	.2	361.9	-1.0
1862	623	174500	358.4	188.8	---	45.0	215.8	1.2	---	91.9	106.6	.2	362.3	-1.1
1863	623	180000	310.0	185.0	0.0	46.0	216.0	0.0	1089.9	0.0	100.0	0.0	320.0	0.0
1864	623	183000	340.0	185.0	0.0	43.0	213.0	0.0	1141.4	0.0	98.0	0.0	345.0	0.0
1865	623	190000	340.0	185.0	0.0	41.0	212.0	0.0	1193.0	0.0	96.0	0.0	345.0	0.0
1866	623	193000	345.0	187.5	0.0	40.5	212.0	0.0	1244.5	0.0	92.0	0.0	350.0	0.0
1867	623	200000	340.0	190.0	0.0	38.0	208.0	0.0	1296.0	0.0	90.0	0.0	350.0	0.0
1868	623	203000	335.0	190.0	0.0	40.5	210.0	0.0	1347.6	0.0	86.0	0.0	350.0	0.0
1869	623	210000	330.0	190.0	0.0	40.5	210.0	0.0	1399.1	0.0	85.0	0.0	345.0	0.0
1870	623	213000	335.0	190.0	0.0	40.4	208.0	0.0	1450.7	0.0	83.0	0.0	335.0	0.0

CZ COMPILED DATA 2 B.U. (AUGUST-6-01)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1871	623	220000	325.0	190.0	0.0	39.0	210.0	0.0	1502.2	0.0	82.0	0.0	335.0	0.0
1872	623	223000	326.0	190.0	0.0	40.6	210.0	0.0	1553.7	0.0	84.0	0.0	340.0	0.0
1873	623	230000	325.0	190.0	0.0	41.5	210.0	0.0	1605.3	0.0	88.0	0.0	345.0	0.0
1874	623	232500	327.0	190.4	---	43.0	209.0	1.0	---	0.0	94.0	.3	357.1	-1.1
1875	623	233000	340.7	192.5	***	45.2	211.1	.9	1656.8	77.7	95.4	.4	351.9	-1.2
1876	623	233500	340.5	192.5	---	45.2	211.3	1.1	---	77.7	97.0	.3	350.2	-1.2
1877	623	234000	345.8	192.5	---	45.1	211.2	1.0	---	77.4	97.4	.4	350.4	-1.2
1878	623	234500	339.8	192.5	---	44.9	210.8	1.0	---	77.3	97.9	.3	350.6	-1.2
1879	623	235000	341.5	192.5	---	45.4	210.4	1.1	---	77.1	98.3	.4	351.5	-1.1
1880	623	235500	336.0	192.6	---	45.2	210.0	1.0	---	76.9	98.2	.3	349.8	-1.2
1881	624	0	338.1	192.6	***	45.2	210.0	1.2	1707.3	76.8	98.2	.4	350.6	-1.1
1882	624	500	337.5	192.7	---	43.0	210.1	1.0	---	76.7	98.5	.4	353.0	-1.0
1883	624	1000	339.6	192.7	---	41.8	210.4	1.0	---	76.7	98.8	.3	350.6	-1.1
1884	624	1500	340.0	192.7	---	41.7	210.7	.9	---	76.5	99.2	.4	351.5	-1.2
1885	624	2000	336.9	192.7	---	41.8	211.0	1.0	---	76.3	99.1	.3	352.1	-1.1
1886	624	2500	338.3	192.7	---	41.7	211.1	1.0	---	76.2	99.3	.4	351.7	-1.2
1887	624	3000	340.0	192.8	***	41.8	210.8	.8	1758.1	76.0	99.3	.3	350.2	-1.1
1888	624	3500	342.4	192.8	---	37.3	210.7	1.0	---	76.0	99.3	.3	350.4	-1.3
1889	624	4000	343.4	192.9	---	40.2	212.2	.8	---	75.8	99.6	.4	352.3	-1.2
1890	624	4500	340.0	192.9	---	41.3	211.7	.8	---	75.7	99.8	.3	353.0	-1.1
1891	624	5000	341.3	192.9	---	41.0	211.3	.7	---	75.6	99.6	.4	350.8	-1.3
1892	624	5500	340.9	193.0	---	40.8	211.3	.6	---	75.3	99.1	.3	352.3	-1.1
1893	624	10000	341.3	193.2	***	40.9	211.6	.9	1808.9	75.2	98.7	.4	351.1	-.9
1894	624	10500	339.4	193.1	---	41.1	212.3	.8	---	75.1	98.8	.3	350.6	-1.1
1895	624	11000	339.8	193.2	---	41.1	212.5	.9	---	74.9	97.8	.3	350.4	-1.2
1896	624	11500	339.2	193.2	---	43.4	212.0	.9	---	74.8	96.7	.4	351.9	-1.1
1897	624	12000	337.3	193.2	---	43.6	211.3	.8	---	74.7	96.7	.3	350.6	-1.1
1898	624	12500	336.2	193.3	---	43.8	211.0	.6	---	74.6	96.5	.4	350.2	-1.1
1899	624	13000	338.6	193.3	***	43.6	210.5	.7	1859.0	74.5	96.4	.3	349.8	-1.2
1900	624	13500	339.0	193.3	---	43.8	210.1	.8	---	74.5	96.5	.4	350.4	-1.1
1901	624	14000	341.3	193.4	---	43.7	210.0	.7	---	74.3	97.0	.3	350.4	-1.2
1902	624	14500	338.8	193.4	---	43.5	210.0	.8	---	74.3	96.8	.3	350.2	-1.4
1903	624	15000	338.1	193.4	---	41.8	210.0	.8	---	74.2	96.6	.4	350.4	-1.4
1904	624	15500	339.4	193.4	---	41.3	210.0	.6	---	74.2	96.4	.3	350.0	-1.4
1905	624	20000	337.7	193.5	***	41.3	210.0	.8	1989.2	74.1	96.6	.4	350.2	-1.3
1906	624	20500	338.8	193.5	---	41.3	210.0	.5	---	74.0	96.6	.3	350.8	-1.2
1907	624	21000	335.8	193.6	---	41.1	209.9	.6	---	73.8	97.3	.3	351.1	-1.3
1908	624	21500	338.1	193.6	---	41.2	210.0	.4	---	73.8	97.4	.4	351.1	-1.2
1909	624	22000	336.7	193.5	---	41.3	209.9	.6	---	73.7	97.8	.3	350.0	-1.3
1910	624	22500	335.2	193.6	---	36.9	210.3	.6	---	73.7	98.1	.4	348.9	-1.3
1911	624	23000	335.6	193.6	***	40.3	212.2	.4	1959.5	73.6	98.4	.3	350.6	-1.1
1912	624	23500	335.8	193.6	---	40.6	210.2	.6	---	73.6	98.4	.4	346.4	-1.1
1913	624	24000	333.9	193.5	---	37.8	210.4	.4	---	73.5	98.5	.3	341.3	-1.3
1914	624	24500	335.6	193.5	---	42.6	212.5	.6	---	73.5	98.7	.3	346.6	-1.2
1915	624	25000	334.7	193.5	---	44.4	212.3	.5	---	73.3	98.9	.3	351.1	-1.2
1916	624	25500	346.0	193.6	---	56.8	212.3	.7	---	73.3	99.0	.3	360.8	-1.4
1917	624	30000	341.5	193.7	***	36.2	209.9	.6	2008.8	73.2	99.5	.4	356.4	-1.3
1918	624	30500	341.3	193.7	---	34.6	211.4	.4	---	73.1	99.3	.3	351.1	-1.2
1919	624	31000	335.0	193.7	---	43.8	212.3	.5	---	73.1	99.2	.4	351.7	-1.1
1920	624	31500	332.4	193.6	---	46.6	212.5	.6	---	72.9	99.5	.4	351.1	-1.2
1921	624	32000	342.6	193.8	---	46.8	212.2	.6	---	72.8	99.8	.3	351.1	-1.1
1922	624	32500	337.7	193.8	---	46.4	211.3	.6	---	72.8	100.2	.3	351.5	-1.1
1923	624	33000	338.1	193.8	***	46.4	210.2	.6	2058.6	72.7	100.4	.3	350.4	-1.1
1924	624	33500	337.7	193.8	---	45.4	210.0	.3	---	72.7	100.6	.4	349.8	-1.0
1925	624	34000	337.9	193.8	---	40.7	210.0	.4	---	72.7	100.8	.3	350.0	-1.0

CZ COMPILED DATA 2 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1926	624	34500	338.3	193.8	----	40.7	210.7	.5	----	72.7	100.6	.3	349.8	-1.2
1927	624	35000	341.9	193.9	----	40.9	211.1	.8	----	72.6	100.3	.3	350.2	-1.0
1928	624	35500	336.9	193.8	----	40.8	211.0	.5	----	72.7	100.1	.3	352.3	-.3
1929	624	40000	337.3	193.9	***	41.0	210.7	.5	2108.8	72.7	100.2	.4	350.2	-1.0
1930	624	40500	336.4	194.0	----	41.0	210.5	.4	----	72.7	100.2	.3	350.0	-.8
1931	624	41000	336.9	194.0	----	40.9	210.8	.5	----	72.7	100.2	.3	350.0	-.9
1932	624	41500	337.5	194.0	----	40.9	210.7	.5	----	72.7	100.3	.3	347.9	-.8
1933	624	42000	336.0	194.1	----	40.9	211.2	.4	----	72.7	100.3	.3	352.3	-.9
1934	624	42500	337.1	194.1	----	41.1	211.2	.5	----	72.7	100.1	.4	349.8	-.4
1935	624	43000	337.1	194.2	***	40.8	211.5	.4	2158.9	72.6	100.2	.3	349.2	-.7
1936	624	43500	339.4	194.1	----	41.8	212.4	.5	----	72.6	100.0	.3	350.4	-.5
1937	624	44000	336.7	194.1	----	44.4	212.4	.4	----	72.7	99.1	.4	351.7	-.8
1938	624	44500	336.4	194.1	----	44.1	212.5	.5	----	72.7	99.1	.3	350.4	-.8

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
1	624	45000	338.1	194.2	---	44.1	212.4	.8	---	72.7	99.8	.4	350.4	-.7
2	624	45500	336.2	194.3	---	43.9	212.5	.3	---	72.6	99.8	.3	350.2	-.7
3	624	50000	337.3	194.3	---	43.9	211.8	.2	2207.9	72.7	99.6	.3	349.6	-.4
4	624	50500	335.8	194.3	---	43.8	210.9	.3	---	72.7	99.5	.4	350.0	-.8
5	624	51000	336.4	194.2	---	43.5	210.1	.6	---	72.8	99.6	.3	350.0	-.6
6	624	51500	335.8	194.2	---	42.5	210.0	.5	---	72.7	99.8	.3	354.4	-.7
7	624	52000	337.3	194.3	---	41.0	210.4	.3	---	72.7	99.7	.3	350.2	-1.0
8	624	52500	335.8	194.2	---	41.5	211.0	.5	---	72.8	99.6	.3	350.2	-.5
9	624	53000	335.0	194.3	---	41.1	211.2	.3	2257.3	72.7	99.0	.4	349.2	-.3
10	624	53500	332.6	194.3	---	40.9	211.1	.4	---	72.8	98.7	.3	350.4	-.4
11	624	54000	339.8	194.3	---	41.2	211.0	.3	---	72.9	98.4	.3	350.4	-.4
12	624	54500	335.2	194.3	---	41.3	210.4	.7	---	72.9	98.4	.4	350.0	-.3
13	624	55000	333.7	194.3	---	40.8	210.1	.5	---	72.9	98.3	.3	350.0	-.4
14	624	55500	333.9	194.4	---	41.1	210.0	.5	---	72.9	98.2	.3	353.4	-.3
15	624	60000	328.8	194.4	---	40.8	210.0	.3	2306.8	72.9	98.3	.3	349.8	-.4
16	624	60500	335.6	194.3	---	40.9	210.1	.4	---	72.9	98.2	.3	351.5	-.1
17	624	61000	336.2	194.5	---	39.2	210.0	.4	---	72.9	98.2	.3	349.6	-.1
18	624	61500	333.7	194.4	---	35.3	211.7	.6	---	72.9	97.8	.4	350.6	-.0
19	624	62000	336.4	194.4	---	37.0	212.2	.3	---	73.1	96.9	.3	350.2	-.1
20	624	62500	332.6	194.5	---	38.3	211.2	.2	---	73.1	96.3	.3	349.8	-.3
21	624	63000	338.3	195.0	---	36.2	210.0	.9	2356.2	73.2	89.3	.4	350.0	.2
22	624	63500	335.6	194.3	---	33.9	210.0	.8	---	73.1	84.8	.3	350.2	.1
23	624	64000	339.8	195.0	---	34.1	210.5	1.2	---	73.1	83.5	.3	350.0	.5
24	624	64500	342.2	195.1	---	34.3	211.3	1.2	---	73.1	82.8	.3	348.9	.3
25	624	65000	343.0	195.3	---	35.8	212.3	1.2	---	73.1	82.1	.3	350.0	-.0
26	624	65500	344.9	195.5	---	38.0	211.6	1.1	---	73.1	81.2	.3	350.2	-.2
27	624	70000	344.3	195.6	4783.6	37.6	211.7	1.1	2405.6	73.1	80.2	.3	349.4	-.1
28	624	70500	345.6	195.8	---	39.6	211.9	1.1	---	73.0	80.1	.3	349.8	-.2
29	624	71000	344.9	195.7	---	40.3	211.3	1.0	---	73.1	79.9	.3	349.8	-.2
30	624	71500	343.2	195.9	---	40.2	211.2	1.0	---	73.1	80.1	.3	350.4	-.3
31	624	72000	343.0	195.8	---	40.0	211.3	1.1	---	73.1	80.2	.3	349.6	-.3
32	624	72500	343.0	196.0	---	40.1	211.1	1.0	---	73.1	80.2	.3	350.0	-.2
33	624	73000	340.8	196.0	4854.4	40.1	210.5	1.0	2454.6	73.2	80.2	.3	350.0	-.2
34	624	73500	342.2	196.3	---	40.0	210.0	1.1	---	73.2	80.2	.3	349.8	-.1
35	624	74000	341.1	196.2	---	39.9	210.0	1.1	---	73.2	80.6	.3	349.8	.0
36	624	74500	341.9	196.2	---	40.0	210.0	1.1	---	73.1	80.8	.3	349.6	-.0
37	624	75000	341.1	196.2	---	40.2	210.0	1.1	---	73.2	81.2	.3	349.8	.0
38	624	75500	339.6	196.2	---	39.8	210.0	1.0	---	73.3	81.4	.3	349.8	.0
39	624	80000	339.0	196.2	4924.9	40.3	210.0	1.0	2503.5	73.3	82.2	.3	348.7	.1
40	624	80500	338.1	196.3	---	40.2	210.0	1.0	---	73.5	83.0	.3	348.9	.1
41	624	81000	339.2	196.3	---	37.7	210.1	1.1	---	73.6	83.7	.3	349.2	.2
42	624	81500	339.6	196.3	---	37.2	211.1	1.0	---	73.7	84.6	.3	349.4	.2
43	624	82000	339.0	196.3	---	37.6	211.2	.9	---	74.1	86.0	.3	349.2	.4
44	624	82500	338.6	196.3	---	37.6	211.2	1.0	---	74.4	87.2	.2	348.9	.4
45	624	83000	338.8	196.2	4995.3	37.4	211.3	1.1	2552.7	74.7	88.7	.2	348.5	.4
46	624	83500	339.0	196.0	---	37.7	211.8	1.1	---	75.2	90.0	.3	348.1	.4
47	624	84000	339.8	195.9	---	38.7	213.6	1.1	---	75.8	91.5	.2	349.8	.5
48	624	84500	337.5	196.0	---	39.6	213.7	1.0	---	76.1	94.4	.2	348.7	.6
49	624	85000	337.5	195.8	---	39.6	213.7	.6	---	76.4	97.1	.3	349.8	.6
50	624	85500	338.6	195.8	---	39.3	213.7	.7	---	76.7	97.8	.3	350.0	.8
51	624	90000	337.1	195.7	5065.7	40.0	213.7	.4	2601.1	76.9	98.4	.3	349.6	.7
52	624	90500	337.7	195.7	---	39.6	213.7	.5	---	77.3	99.1	.3	349.6	.8
53	624	91000	336.2	195.6	---	39.5	213.9	.6	---	77.6	99.7	.3	350.0	.7
54	624	91500	336.9	195.5	---	39.7	213.8	.5	---	77.8	100.2	.3	349.2	.7
55	624	92000	336.7	195.4	---	39.8	213.9	.5	---	78.1	100.8	.2	349.2	.7

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
56	624	92500	336.9	195.4	---	39.7	214.0	.8	---	78.5	101.9	.2	349.2	.8
57	624	93000	337.3	195.5	5136.9	39.6	214.1	1.1	2649.5	79.0	103.0	.2	348.7	.4
58	624	93500	336.9	195.4	---	39.8	214.0	1.1	---	79.8	103.5	.2	346.8	1.4
59	624	94000	335.6	195.4	---	39.7	213.9	1.1	---	80.4	104.9	.2	348.7	1.5
60	624	94500	337.1	195.4	---	39.9	214.0	1.0	---	81.0	105.6	.3	353.0	1.5
61	624	95000	336.4	195.4	---	39.7	213.9	1.2	---	81.5	105.8	.3	345.3	1.3
62	624	95500	336.0	195.4	---	39.5	214.0	1.1	---	81.8	105.8	.2	344.1	1.2
63	624	100000	336.0	195.5	---	39.4	213.7	1.1	2697.9	82.2	106.3	.3	344.1	.6
64	624	100500	335.8	195.5	---	39.3	213.8	1.2	---	82.5	107.0	.2	343.2	.9
65	624	101000	335.6	195.5	---	39.8	213.7	1.2	---	82.7	106.9	.2	343.4	1.6
66	624	101500	333.5	195.4	---	37.4	214.0	1.2	---	82.9	107.0	.2	343.4	1.4
67	624	102000	345.1	195.5	---	39.2	214.9	1.3	---	83.3	107.6	.2	342.4	1.0
68	624	102500	335.0	195.5	---	38.8	214.7	1.1	---	83.8	108.7	.2	343.6	1.0
69	624	103000	322.7	195.4	---	39.1	214.3	1.1	2746.3	84.2	108.5	.2	344.5	1.1
70	624	103500	331.8	195.5	---	39.1	214.0	.9	---	84.6	108.7	.2	338.8	1.4
71	624	104000	332.8	195.5	---	39.7	213.4	1.0	---	85.0	108.6	.2	339.8	2.0
72	624	104500	335.0	195.4	---	34.5	214.8	1.9	---	85.3	108.7	.2	339.4	1.4
73	624	105000	332.4	195.5	---	37.1	215.0	1.1	---	85.6	104.7	.2	340.3	1.7
74	624	105500	331.1	195.4	---	38.0	215.0	.8	---	85.7	104.6	.3	340.7	1.4
75	624	110000	330.7	195.3	5322.7	39.3	215.3	.8	2794.5	86.1	105.6	.2	340.0	1.3
76	624	110500	332.4	195.3	---	40.4	215.8	.8	---	86.6	106.3	.2	340.5	1.2
77	624	111000	331.6	195.3	---	41.0	216.2	.9	---	87.1	107.7	.2	340.7	.9
78	624	111500	330.9	195.3	---	40.8	216.1	.7	---	87.9	108.0	.2	340.5	1.2
79	624	112000	333.7	195.3	---	40.9	215.8	.8	---	88.5	108.4	.1	339.2	1.1
80	624	112500	332.0	195.0	---	40.6	215.5	.9	---	89.2	108.3	.1	338.3	1.2
81	624	113000	331.1	194.8	5332.3	40.7	215.2	.6	2842.1	89.4	108.6	.1	339.6	1.1
82	624	113500	331.8	194.8	---	41.0	215.0	.7	---	89.7	107.9	.2	342.2	1.1
83	624	113653	331.3	194.8	---	40.5	215.0	.7	---	89.9	107.3	.2	338.6	1.0
84	624	113705	337.5	194.8	---	39.7	215.0	0.0	---	90.0	107.3	.2	343.8	.8
85	624	114000	331.3	194.9	---	40.7	215.0	.8	---	89.9	107.2	.2	339.0	.7
86	624	114500	332.6	194.9	---	40.1	215.0	.8	---	89.9	107.2	.2	339.2	-1.1
87	624	115000	330.1	194.9	---	40.4	215.0	.7	---	89.8	106.9	.2	338.6	-1.1
88	624	115500	330.5	194.7	---	40.3	213.8	.4	---	89.8	106.8	.2	339.2	-1.1
89	624	115615	325.9	194.7	---	40.2	213.7	.4	---	89.8	106.6	.2	336.6	-1.3
90	624	115625	337.5	194.5	---	39.0	213.8	0.0	---	90.0	106.0	.1	337.5	-4.3
91	624	115909	331.6	194.8	---	40.9	213.7	.3	---	89.8	106.7	.2	338.7	-1.3
92	624	115920	337.5	195.0	---	42.5	212.5	1.3	---	90.0	107.0	.1	337.5	.5
93	624	120000	333.9	194.6	5398.9	40.2	213.2	.7	2889.8	89.9	106.8	.2	337.5	.3
94	624	120025	325.0	194.5	---	40.5	212.8	-1.6	---	89.9	106.6	.2	337.5	-1.1
95	624	120035	312.5	195.0	---	41.0	213.8	0.0	---	89.5	106.5	.1	337.5	0.0
96	624	120500	325.5	194.6	---	40.7	212.9	.7	---	89.8	106.6	.2	339.4	.9
97	624	121000	340.9	194.7	---	39.9	212.6	2.9	---	89.9	103.9	.1	336.7	.5
98	624	121500	341.1	194.8	---	40.1	212.5	3.8	---	89.9	103.2	.1	338.8	.5
99	624	122000	342.2	194.7	---	39.9	212.5	3.7	---	90.2	103.3	.1	338.1	.9
100	624	122103	342.7	194.7	---	39.3	212.5	3.8	---	90.3	103.7	.1	337.5	.0
101	624	122115	350.0	194.5	---	40.0	212.5	3.8	---	90.0	104.0	.1	337.5	0.0
102	624	122145	342.5	194.8	---	40.1	212.5	3.8	---	90.2	103.5	.1	340.0	.2
103	624	122500	346.1	194.8	---	40.1	212.4	3.8	---	90.3	103.9	.1	337.8	-1.1
104	624	123000	341.3	194.7	5441.0	39.8	212.5	3.8	2937.7	90.6	103.9	.1	339.2	-1.4
105	624	123500	343.2	194.8	---	38.4	212.7	3.7	---	91.0	104.4	.1	338.3	.8
106	624	124000	345.1	194.8	---	38.3	213.2	3.5	---	91.7	104.7	.1	337.5	-1.3
107	624	124500	344.7	194.7	---	38.6	213.6	3.2	---	92.4	105.7	.1	337.9	-1.3
108	624	125000	343.6	194.8	---	38.6	213.7	3.1	---	93.4	107.1	.1	337.9	-1.3
109	624	125500	337.7	194.8	---	37.7	213.8	2.9	---	94.3	107.3	.1	338.3	-1.3
110	624	130000	342.8	194.8	---	35.3	215.0	2.5	2985.7	94.6	106.2	.1	338.1	-1.4

CZ COMPILED DATA 3 B.U.(AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
111	624	130500	343.4	194.8	---	35.5	215.8	2.5	---	94.9	105.9	.1	337.3	-.5
112	624	131000	347.2	194.8	---	35.6	216.2	3.6	---	95.1	104.9	.1	339.6	-.6
113	624	131500	347.7	194.8	---	35.6	216.3	6.7	---	95.2	105.0	.1	338.3	-.6
114	624	132000	347.0	194.8	---	36.0	216.3	7.4	---	95.5	105.1	.1	339.0	-.6
115	624	132500	347.7	194.7	---	35.9	216.3	7.5	---	95.8	104.8	.1	338.8	-.6
116	624	133000	344.5	194.7	***	35.6	216.3	7.5	3033.8	96.2	104.1	.2	338.8	-.6
117	624	133500	344.1	194.8	---	36.8	216.2	7.4	---	96.2	103.5	.1	337.1	-.7
118	624	134000	345.3	194.7	---	37.2	216.2	7.5	---	96.3	103.2	.2	338.1	-.7
119	624	134500	349.4	194.7	---	37.8	216.2	7.3	---	96.3	102.7	.2	339.8	-.8
120	624	135000	346.6	194.9	---	37.3	216.2	7.2	---	96.1	102.6	.2	339.0	-.6
121	624	135500	344.1	194.8	---	37.7	216.1	7.4	---	96.0	102.6	.1	339.8	-.8
122	624	140000	346.4	194.8	5674.6	37.2	215.7	8.0	3081.5	95.9	102.8	.1	339.2	-.8
123	624	140500	346.4	194.8	---	37.5	215.4	8.0	---	95.8	103.1	.1	339.2	-.6
124	624	141000	344.7	194.8	---	37.4	215.3	7.6	---	96.0	103.5	.1	338.8	-.7
125	624	141500	343.4	194.8	---	37.7	215.0	7.5	---	96.4	104.6	.1	337.7	-.7
126	624	142000	347.0	194.8	---	37.4	215.0	7.6	---	97.1	105.7	.1	338.6	-.6
127	624	142500	341.5	194.8	---	37.2	215.0	6.5	---	97.6	105.9	.1	337.9	-.7
128	624	143000	343.2	194.8	5720.6	37.1	214.8	5.2	3129.3	98.0	106.2	.1	338.8	-.8
129	624	143500	344.5	194.8	---	37.1	213.9	5.1	---	98.5	107.7	.1	337.7	-.7
130	624	144000	342.2	194.8	---	35.7	213.8	5.1	---	99.6	108.6	.1	337.5	-.6
131	624	144500	344.5	194.8	---	35.1	214.8	4.9	---	100.7	109.0	.1	337.1	-.7
132	624	145000	341.1	194.8	---	35.3	215.0	4.8	---	101.1	108.6	.1	337.5	-.5
133	624	145500	346.4	194.9	---	34.9	215.0	5.0	---	101.5	109.0	.1	338.3	-.5
134	624	150000	344.3	194.8	5737.5	35.2	215.0	4.5	3177.4	102.2	107.9	.1	337.1	-.7
135	624	150500	345.3	194.9	---	34.8	215.0	4.5	---	102.4	107.4	.2	337.1	-.7
136	624	151000	337.5	194.8	---	34.7	215.0	4.5	---	102.2	107.5	.1	336.7	-.7
137	624	151500	341.7	194.9	---	35.1	215.0	4.4	---	102.3	107.7	.1	334.5	-.6
138	624	152000	342.8	194.8	---	34.9	215.6	4.0	---	102.7	108.6	.1	337.3	-.5
139	624	152500	342.4	194.7	---	34.9	216.2	3.9	---	103.6	108.7	.1	336.9	-.6
140	624	153000	343.9	194.8	5770.5	35.4	216.2	3.8	3225.5	104.1	107.8	.1	336.0	-.7
141	624	153500	346.4	194.9	---	35.4	216.3	3.9	---	104.2	108.6	.1	337.5	-.7
142	624	154000	344.5	194.8	---	35.2	216.4	3.8	---	104.9	110.7	.1	336.9	-.7
143	624	154500	340.5	194.8	---	35.4	216.7	3.7	---	106.1	111.1	.1	337.1	-.4
144	624	155000	343.2	194.8	---	35.4	217.4	3.8	---	106.7	109.4	.2	336.4	-.7
145	624	155500	345.8	194.9	---	35.3	217.5	3.8	---	105.8	107.2	.2	339.2	-.8
146	624	160000	345.6	194.9	5810.8	36.1	217.3	3.7	3273.8	105.3	106.3	.2	337.1	-.7
147	624	160500	345.8	194.8	---	36.7	216.8	3.8	---	104.8	105.3	.2	337.1	-.7
148	624	161000	346.0	194.8	---	36.8	216.3	3.8	---	104.1	104.4	.2	337.3	-.7
149	624	161500	345.1	194.9	---	37.0	216.1	4.1	---	103.5	103.8	.2	337.1	-.7
150	624	163000	289.0	195.0	0.0	36.0	212.5	1.3	3324.1	85.0	98.0	.4	337.5	-.8
151	624	170000	337.5	190.0	0.0	38.0	212.5	1.3	3374.4	84.8	76.5	.4	337.5	-1.4
152	624	172400	337.5	195.5	---	39.2	211.7	1.3	---	84.8	76.7	.5	337.5	-1.3
153	624	172420	337.5	195.5	---	40.5	212.1	1.3	---	84.8	76.7	.4	337.5	-1.0
154	624	172440	333.3	195.5	---	40.5	211.7	1.3	---	85.0	76.8	.4	333.3	-1.4
155	624	172500	333.3	195.7	---	40.3	212.5	1.3	---	84.7	76.5	.4	337.5	-1.1
156	624	172520	337.5	195.5	---	38.5	212.5	1.3	---	84.7	76.8	.4	337.5	-.8
157	624	172540	329.2	195.8	---	40.0	211.7	1.3	---	84.5	76.8	.4	337.5	-1.4
158	624	172600	337.5	195.5	---	40.2	212.5	1.3	---	84.5	76.7	.4	337.5	-1.1
159	624	172620	333.3	195.5	---	40.2	212.1	1.3	---	84.5	76.8	.4	337.5	-1.2
160	624	172640	341.7	195.3	---	39.5	212.5	1.3	---	84.5	77.0	.5	341.7	-1.3
161	624	172655	337.5	195.5	---	41.5	212.5	1.3	---	84.5	76.8	.4	337.5	-1.2
162	624	173000	337.1	195.5	0	81.7	213.8	1.3	3431.8	84.4	76.7	.3	337.9	-1.1
163	624	173500	337.9	195.5	---	51.7	211.8	1.3	---	84.2	76.7	.4	337.5	-1.1
164	624	174000	335.8	195.5	---	52.6	212.1	1.7	---	83.9	76.8	.4	336.7	-1.1
165	624	174500	333.9	195.5	---	28.6	210.4	1.9	---	83.6	77.0	.3	336.4	-1.0

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
166	624	175000	337.5	195.5	---	36.1	211.2	3.9	---	83.3	77.2	.3	337.1	-1.1
167	624	175500	337.3	195.4	---	37.5	211.4	17.6	---	83.0	77.3	.4	336.7	-.9
168	624	180000	333.7	195.4	61.8	38.9	211.2	15.3	3478.7	82.8	77.6	.3	337.9	-.9
169	624	180500	339.2	195.4	---	38.8	211.3	3.0	---	82.6	77.7	.3	336.4	-1.2
170	624	181000	334.1	195.4	---	38.7	211.2	2.3	---	82.4	77.8	.4	336.9	-1.1
171	624	181500	336.9	195.4	---	38.9	211.3	1.3	---	82.3	77.8	.4	336.9	-1.1
172	624	182000	336.2	195.4	---	38.8	211.3	1.3	---	82.1	78.1	.3	336.9	-1.2
173	624	182500	335.4	195.4	---	38.7	211.1	1.3	---	82.0	78.2	.3	334.3	-1.2
174	624	183000	335.0	195.4	---	38.3	210.3	1.3	3525.9	81.8	78.3	.4	337.1	-1.5
175	624	183500	331.6	195.4	---	37.9	210.0	1.3	---	81.7	78.5	.3	337.1	-1.2
176	624	184000	334.1	195.5	---	38.0	210.2	1.1	---	81.7	78.5	.3	337.1	-1.1
177	624	184500	334.3	195.5	---	37.9	210.0	1.3	---	81.5	78.2	.4	337.5	-1.1
178	624	185000	336.4	195.5	---	37.6	210.1	1.3	---	81.3	78.0	.4	337.5	-1.0
179	624	185500	332.0	195.6	---	36.7	210.1	1.3	---	81.2	77.9	.3	337.5	-1.0
180	624	190000	327.3	195.8	---	37.4	210.0	1.3	3571.0	80.8	77.9	.4	329.2	-.6
181	624	190500	301.1	196.1	---	37.4	210.0	1.3	---	80.7	75.9	.4	303.4	.6
182	624	191000	293.4	196.1	---	37.4	210.0	1.4	---	80.5	76.0	.4	292.6	.2
183	624	191500	293.2	196.2	---	37.4	210.0	1.2	---	80.5	76.6	.4	287.7	-.0
184	624	192000	285.2	196.2	---	37.4	210.0	1.2	---	80.3	77.1	.3	287.7	.1
185	624	192500	288.1	196.4	---	37.4	210.0	1.2	---	80.2	77.7	.4	286.7	.1
186	624	193000	286.7	196.4	---	37.4	210.0	1.2	3618.4	79.8	77.8	.3	286.0	-.0
187	624	193500	282.6	196.5	---	37.4	210.0	1.2	---	79.7	78.1	.3	284.7	.1
188	624	194000	285.4	196.5	---	37.4	210.0	1.2	---	79.5	78.2	.3	282.0	-.1
189	624	194500	284.1	196.6	---	37.4	210.0	1.2	---	79.3	78.2	.4	281.1	.3
190	624	195000	280.7	196.7	---	37.4	210.0	1.2	---	79.2	78.3	.3	278.6	.1
191	624	195500	280.1	196.7	---	37.4	210.0	1.3	---	79.1	78.4	.4	278.8	.1
192	624	200000	283.7	196.7	---	37.4	210.0	1.2	3665.8	79.0	78.3	.4	278.0	.5
193	624	200500	282.4	196.8	---	37.4	210.0	1.2	---	78.7	78.3	.4	276.5	.3
194	624	201000	280.5	196.7	---	37.4	210.0	1.2	---	78.6	78.0	.4	276.3	.3
195	624	201500	280.9	196.8	---	37.4	210.0	1.2	---	78.4	77.8	.4	274.8	.5
196	624	202000	281.1	196.8	---	37.4	210.0	1.1	---	78.3	77.8	.4	276.3	.3
197	624	202500	281.6	196.8	---	37.4	210.0	1.2	---	78.2	77.7	.4	274.2	.4
198	624	203000	279.9	196.8	---	37.4	210.0	1.1	3713.2	78.1	77.7	.4	272.7	.3
199	624	203500	276.3	196.9	---	37.4	210.0	1.1	---	78.0	77.7	.4	275.6	.6
200	624	204000	282.6	197.1	---	37.4	210.0	.9	---	77.9	77.9	.4	275.2	-.5
201	624	204500	282.2	196.7	---	37.4	210.0	.8	---	77.8	78.3	.4	278.8	-.7
202	624	205000	303.6	196.7	---	37.4	210.0	.9	---	77.7	78.7	.3	303.4	-.6
203	624	205500	320.1	196.7	---	38.1	208.0	.9	---	77.6	79.2	.4	325.8	-.5
204	624	210000	324.2	196.7	---	38.4	210.5	.8	3759.1	77.4	78.7	.4	327.8	-.4
205	624	210500	326.7	196.7	---	46.4	210.5	.8	---	77.3	78.1	.4	330.5	-.7
206	624	211000	324.8	196.7	---	45.6	208.9	.8	---	77.2	77.7	.4	327.8	-.6
207	624	211500	323.3	196.6	---	37.6	207.4	1.2	---	77.2	77.2	.4	329.2	-.6
208	624	212000	326.9	196.6	---	37.3	207.5	1.0	---	77.0	77.2	.4	329.4	-.5
209	624	212500	320.8	196.5	---	37.4	207.7	1.1	---	76.9	77.0	.4	329.2	-.6
210	624	213000	325.2	196.5	570.8	37.3	208.0	1.1	3805.5	76.8	77.1	.4	330.1	-.6
211	624	213500	324.8	196.6	---	37.5	208.5	1.0	---	76.8	76.9	.4	332.0	-.6
212	624	214000	328.0	196.5	---	37.4	208.8	1.0	---	76.7	76.7	.3	332.4	-.4
213	624	214500	325.4	196.4	---	37.4	208.8	1.0	---	76.6	76.8	.4	335.2	-.6
214	624	215000	324.6	196.4	---	37.6	209.2	1.1	---	76.5	76.9	.4	334.5	-.6
215	624	215500	324.6	196.4	---	38.6	210.1	.9	---	76.5	76.7	.4	335.0	-.8
216	624	220000	326.3	196.4	638.9	39.6	210.0	.9	3852.4	76.4	76.7	.3	335.4	-.5
217	624	220500	328.8	196.4	---	39.9	209.2	1.0	---	76.4	76.7	.3	333.7	-.6
218	624	221000	323.5	196.3	---	39.9	208.8	.8	---	76.4	76.7	.4	337.9	-.5
219	624	221500	325.2	196.3	---	39.9	208.4	.9	---	76.3	76.6	.4	337.9	-.3
220	624	223000	323.0	196.1	---	38.6	210.0	1.3	3899.5	75.5	76.1	.4	337.5	-.6

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
221	624	230000	320.8	196.2	849.5	38.7	210.0	1.3	3946.6	75.2	76.3	.4	337.5	-.5
222	624	233000	320.8	196.3	850.3	38.7	210.0	.4	3993.7	75.2	76.5	.4	333.3	-.7
223	624	233240	325.0	196.2	---	38.7	209.6	1.3	---	75.3	76.2	.3	337.5	-1.0
224	624	233300	325.0	196.3	---	38.7	210.0	.8	---	75.2	76.2	.4	333.3	-.6
225	624	233320	316.7	196.3	---	38.8	210.0	.4	---	75.3	76.3	.4	329.2	-1.0
226	624	233335	325.0	196.0	---	38.7	210.0	.6	---	75.3	76.8	.4	337.5	-.9
227	624	233500	326.7	196.3	---	38.9	210.0	.9	---	75.2	76.4	.4	334.2	-.7
228	624	234000	321.4	196.3	---	38.8	209.9	.6	---	75.2	76.2	.4	335.4	-.8
229	624	234500	324.4	196.0	---	38.8	210.0	.5	---	75.1	76.3	.3	335.6	-.5
230	624	235000	322.0	196.3	---	38.8	210.0	.4	---	75.2	76.3	.3	336.2	-.6
231	624	235500	323.1	196.3	---	38.7	209.9	.7	---	75.1	76.2	.4	335.4	-.6
232	625	0	321.4	196.3	914.1	38.7	209.8	.6	4040.7	75.0	76.3	.4	332.4	-.6
233	625	500	319.5	196.2	---	38.7	209.3	.6	---	74.9	76.2	.3	335.6	-.6
234	625	1000	324.8	196.3	---	38.6	209.2	.9	---	74.9	75.8	.4	334.3	-.5
235	625	1500	327.5	196.4	---	38.5	209.2	1.3	---	74.8	75.8	.4	337.7	-.6
236	625	2000	326.1	196.3	---	38.6	209.0	1.3	---	74.8	75.8	.4	335.8	-.3
237	625	2500	326.7	196.3	---	38.7	208.9	1.1	---	74.7	75.7	.3	336.4	-.6
238	625	3000	327.1	196.3	983.4	38.7	208.9	1.3	4087.7	74.7	75.7	.3	335.8	-.5
239	625	3500	324.8	196.3	---	38.6	208.8	1.3	---	74.7	76.0	.3	336.4	-.5
240	625	4000	326.7	196.3	---	38.5	208.7	1.3	---	74.6	75.6	.4	336.9	-.6
241	625	4500	325.4	196.3	---	38.5	208.8	1.3	---	74.5	75.7	.3	336.7	-.4
242	625	5000	326.3	196.3	---	38.7	208.7	1.1	---	74.5	75.3	.4	335.4	-.7
243	625	5500	325.2	196.3	---	38.6	208.7	1.3	---	74.5	75.2	.4	336.4	-.6
244	625	10000	322.9	196.3	1052.7	38.5	208.5	1.4	4134.6	74.4	75.2	.4	335.4	-.5
245	625	10500	324.8	196.3	---	38.6	208.4	1.3	---	74.3	75.3	.4	335.2	-.4
246	625	11000	325.6	196.4	---	38.5	208.2	1.2	---	74.2	75.6	.4	336.4	-.2
247	625	11500	324.6	196.3	---	38.6	207.9	1.3	---	74.2	75.7	.4	336.2	-.1
248	625	12000	325.4	196.4	---	38.5	207.7	1.3	---	74.2	75.6	.4	336.2	-.4
249	625	12500	326.3	196.3	---	38.6	207.6	1.3	---	74.1	75.5	.4	335.2	.0
250	625	13000	326.5	196.3	1122.0	38.5	207.5	1.3	4181.4	74.0	75.4	.4	337.3	.0
251	625	13500	325.8	196.3	---	38.5	207.6	1.2	---	73.9	75.3	.4	336.7	.1
252	625	14000	326.1	196.3	---	38.5	207.5	1.3	---	73.7	75.2	.4	335.6	.0
253	625	14500	325.6	196.3	---	38.5	207.5	1.3	---	73.8	75.2	.4	336.9	-.1
254	625	15000	325.2	196.3	---	38.4	207.5	1.3	---	73.8	74.8	.4	333.5	.2
255	625	15500	323.9	196.3	---	38.4	207.5	1.3	---	73.7	74.8	.4	335.8	.5
256	625	20000	327.1	196.3	1191.4	38.4	207.5	1.4	4228.3	73.7	74.8	.4	336.2	.4
257	625	20500	325.4	196.2	---	38.4	207.5	1.3	---	73.7	74.8	.4	335.8	.4
258	625	21000	319.9	196.3	---	38.2	207.5	1.3	---	73.6	74.7	.4	335.6	.4
259	625	21500	321.8	196.3	---	38.3	207.5	1.2	---	73.6	74.8	.4	337.1	.6
260	625	22000	323.5	196.3	---	38.3	207.4	1.2	---	73.5	74.7	.4	336.7	.4
261	625	22500	323.7	196.3	---	38.2	207.3	1.3	---	73.5	74.5	.4	336.2	.4
262	625	23000	324.6	196.3	1260.7	38.3	207.1	1.3	4275.0	73.5	74.3	.4	334.7	.4
263	625	23500	324.4	196.3	---	38.3	206.7	1.3	---	73.5	74.8	.4	335.8	.5
264	625	24000	325.0	196.3	---	38.2	206.7	1.3	---	73.3	74.7	.4	336.4	.6
265	625	24500	323.7	196.3	---	38.3	206.7	1.3	---	73.3	74.7	.4	336.0	.4
266	625	25000	323.3	196.3	---	38.3	206.7	1.3	---	73.3	74.7	.4	335.0	.5
267	625	25500	324.2	196.3	---	38.1	206.3	1.2	---	73.3	74.4	.4	335.8	.6
268	625	30000	321.8	196.2	1330.3	38.0	206.4	1.3	4321.7	73.3	74.3	.4	335.0	.4
269	625	30500	320.8	196.3	---	38.1	206.3	1.2	---	73.2	74.2	.4	336.0	.6
270	625	31000	318.0	196.3	---	38.0	206.3	1.3	---	73.1	74.2	.4	336.2	.6
271	625	31500	323.3	196.1	---	38.1	206.3	1.4	---	73.2	74.2	.4	334.5	.5
272	625	32000	321.2	196.3	---	37.9	206.2	1.3	---	73.0	74.3	.4	332.6	.2
273	625	32500	322.7	196.3	---	37.9	206.2	1.3	---	72.9	74.2	.4	334.3	.5
274	625	33000	323.9	196.3	1399.9	37.9	206.2	1.3	4368.4	72.8	74.2	.4	335.2	.7
275	625	33500	321.6	196.3	---	37.9	206.2	1.3	---	72.8	74.2	.4	333.5	.5

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
276	625	34000	320.8	196.3	---	37.9	206.2	1.3	---	72.7	73.9	.4	332.0	.5
277	625	34500	321.8	196.3	---	37.7	206.3	1.3	---	72.7	73.9	.4	333.5	.6
278	625	35000	319.5	196.2	---	36.6	206.7	1.3	---	72.7	73.9	.4	334.1	.4
279	625	35500	324.6	196.3	---	36.8	207.4	1.3	---	72.7	74.1	.4	335.2	.6
280	625	40000	321.8	196.3	1469.5	36.9	207.5	1.3	4415.1	72.7	74.1	.4	337.5	.5
281	625	40500	321.0	196.3	---	36.8	207.5	1.3	---	72.6	74.2	.4	335.0	.6
282	625	41000	319.9	196.3	---	36.8	207.5	1.3	---	72.5	74.2	.4	335.8	.5
283	625	41500	317.2	196.3	---	36.9	207.5	1.3	---	72.5	74.2	.4	336.4	.5
284	625	42000	321.4	196.3	---	37.0	208.2	1.3	---	72.5	74.3	.4	336.7	.4
285	625	42500	321.8	196.3	---	37.1	208.8	1.3	---	72.5	74.3	.4	336.4	.5
286	625	43000	323.1	196.3	1538.8	37.1	208.8	1.3	4461.5	72.5	74.4	.4	336.9	.4
287	625	43500	322.2	196.3	---	37.2	208.8	1.2	---	72.5	74.3	.4	337.3	.3
288	625	44000	321.6	196.2	---	37.2	208.8	1.2	---	72.5	74.4	.4	336.7	.3
289	625	44500	322.7	196.3	---	37.2	208.8	1.1	---	72.5	74.2	.4	336.4	.2
290	625	45000	321.2	196.3	---	37.3	209.3	1.4	---	72.5	74.4	.4	336.4	.2
291	625	45500	321.8	196.3	---	37.6	209.3	1.3	---	72.6	74.3	.4	337.5	.1
292	625	50000	321.6	196.3	1607.7	37.9	208.9	1.3	4507.7	72.6	74.3	.4	335.0	-.7
293	625	50500	317.6	196.2	---	37.8	208.7	1.2	---	72.6	74.2	.4	337.3	.1
294	625	51000	320.3	196.2	---	37.7	208.8	1.2	---	72.6	74.2	.4	336.4	-.8
295	625	51500	319.1	196.2	---	37.9	208.7	1.3	---	72.6	74.3	.4	336.4	-.1
296	625	52000	321.6	196.2	---	37.8	208.6	1.3	---	72.6	74.2	.4	335.6	-.1
297	625	52500	320.1	196.2	---	37.7	208.4	1.3	---	72.6	74.1	.4	335.4	.4
298	625	53000	321.2	196.3	1676.7	37.7	208.0	1.3	4553.8	72.5	73.8	.4	335.6	-.6
299	625	53500	320.6	196.2	---	37.7	207.9	1.5	---	72.5	73.8	.4	335.6	-.2
300	625	54000	319.7	196.3	---	37.8	208.1	1.3	---	72.5	73.7	.4	336.4	-.2
301	625	54500	319.5	196.2	---	37.7	207.9	1.2	---	72.5	73.7	.4	335.6	-.3
302	625	55000	319.5	196.2	---	37.7	207.9	1.2	---	72.5	73.7	.4	336.9	-.3
303	625	55500	320.6	196.2	---	37.8	207.8	1.3	---	72.4	73.7	.3	335.2	-.5
304	625	60000	320.6	196.3	1745.6	37.8	207.7	1.3	4599.7	72.3	73.8	.3	335.2	-.2
305	625	60500	316.9	196.2	---	37.9	207.6	1.3	---	72.3	73.7	.4	335.0	-.2
306	625	61000	320.6	196.2	---	37.7	207.5	1.3	---	72.3	73.8	.4	332.2	-.3
307	625	61500	318.9	196.3	---	37.7	207.5	1.3	---	72.3	73.7	.4	332.8	-.3
308	625	62000	319.5	196.3	---	37.7	207.5	1.3	---	72.2	73.8	.4	331.1	-1.0
309	625	62500	318.0	196.2	---	37.6	207.4	1.3	---	72.3	73.8	.3	332.4	-.1
310	625	63000	315.7	196.2	1814.5	37.7	206.7	1.3	4645.8	72.2	73.7	.3	333.7	-.3
311	625	63500	320.1	196.2	---	37.5	206.6	1.2	---	72.2	73.8	.4	331.4	-.3
312	625	64000	317.8	196.3	---	37.4	206.3	1.2	---	72.2	73.9	.3	330.9	-.2
313	625	64500	317.6	196.3	---	37.3	206.2	1.1	---	72.1	74.2	.3	330.7	-.2
314	625	65000	318.2	196.3	---	36.9	206.4	1.3	---	72.2	74.3	.4	331.4	-.3
315	625	65500	319.3	196.3	---	37.0	206.9	1.3	---	72.2	74.4	.4	330.9	-.4
316	625	70000	319.5	196.2	1883.3	37.1	206.9	1.3	4691.9	72.3	74.5	.3	331.4	.6
317	625	70500	317.6	196.3	---	37.1	207.2	1.3	---	72.3	74.9	.3	333.1	-.3
318	625	71000	316.5	196.2	---	34.9	207.7	1.2	---	72.6	75.5	.3	329.9	-.2
319	625	71500	316.7	196.0	---	34.9	208.7	1.3	---	73.1	76.2	.3	332.2	-.2
320	625	72000	325.6	195.8	---	34.9	208.8	1.3	---	73.5	76.8	.3	330.7	-.3
321	625	72500	316.9	195.8	---	35.0	209.2	1.3	---	73.7	77.1	.3	329.8	-.5
322	625	73000	322.2	195.9	1951.7	34.9	209.7	1.3	4738.2	73.8	77.7	.4	333.3	-.4
323	625	73500	321.6	195.8	---	35.0	210.0	1.3	---	74.2	78.8	.3	336.9	-.3
324	625	74000	322.9	195.8	---	35.2	210.6	1.3	---	74.6	78.5	.3	336.2	-.1
325	625	74500	321.2	195.7	---	36.5	210.8	1.2	---	74.9	78.7	.3	337.1	-1.1
326	625	75000	321.8	195.7	---	37.2	210.2	1.3	---	75.2	79.7	.3	335.0	-.2
327	625	75500	320.6	195.8	---	37.2	210.0	1.1	---	75.8	80.2	.3	335.2	-.3
328	625	80000	325.8	195.7	2019.8	37.2	210.0	1.3	4783.9	76.0	80.4	.4	335.2	-.3
329	625	80500	325.6	195.7	---	37.0	210.0	1.2	---	76.2	80.7	.3	333.7	-.2
330	625	81000	323.7	195.7	---	37.0	210.0	1.3	---	76.5	81.7	.3	334.3	.6

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	TW	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
331	625	81500	322.7	195.4	---	37.1	210.0	1.3	---	77.3	83.3	.2	334.7	-.3
332	625	82000	322.2	195.4	---	37.0	210.0	1.3	---	77.8	84.6	.3	332.2	-.2
333	625	82500	322.2	195.3	---	37.0	210.0	1.3	---	78.5	85.8	.2	332.2	-.1
334	625	83000	322.7	195.3	2088.1	36.0	210.2	1.3	4829.6	79.3	86.9	.2	331.1	.1
335	625	83500	322.2	195.3	---	35.9	211.0	1.3	---	80.3	88.0	.3	330.7	-.1
336	625	84000	324.2	195.3	---	36.1	211.3	1.3	---	81.3	89.1	.2	329.0	-.0
337	625	84500	323.3	195.3	---	35.9	211.2	1.3	---	82.2	90.1	.2	328.6	-.4
338	625	85000	323.7	195.3	---	33.5	211.9	1.2	---	83.1	91.1	.2	329.0	.0
339	625	85500	323.1	195.3	---	33.1	213.3	1.3	---	84.1	92.1	.2	329.9	-.1
340	625	90000	322.7	195.3	2156.5	33.3	213.8	1.3	4875.5	85.0	92.9	.2	331.1	-.3
341	625	90500	323.1	195.3	---	33.4	214.2	1.2	---	86.0	93.5	.2	333.5	-.1
342	625	91000	324.8	195.3	---	33.3	214.4	1.3	---	86.8	94.3	.2	333.3	-.2
343	625	91500	323.5	195.3	---	32.4	214.3	1.1	---	87.6	95.2	.1	334.3	-.1
344	625	92000	323.1	195.3	---	30.1	214.8	1.2	---	88.6	95.7	.2	332.2	-.0
345	625	92500	321.6	195.3	---	32.8	214.6	1.1	---	89.6	95.7	.2	332.8	-.1
346	625	93000	322.5	195.2	***	31.1	215.5	1.2	4921.6	90.5	96.3	.1	333.1	-.4
347	625	93500	323.7	195.2	---	33.6	216.2	1.2	---	91.4	97.1	.1	332.6	-.1
348	625	94000	323.9	195.3	---	33.6	216.1	1.2	---	92.3	97.9	.1	332.8	-.0
349	625	94145	323.8	195.2	---	33.6	216.3	1.1	---	92.8	98.3	.1	331.9	-.2
350	625	94220	325.0	195.2	---	33.6	216.5	1.3	---	93.0	98.1	.2	337.5	-.9
351	625	94240	325.0	195.0	---	33.7	216.3	.4	---	93.2	98.3	.1	333.3	0.0
352	625	94300	337.5	195.3	---	19.3	211.2	2.1	---	93.3	98.5	.1	354.2	0.0
353	625	94320	383.3	195.2	---	2.0	203.3	1.3	---	93.2	98.2	.1	395.8	-.3
354	625	94340	408.3	195.2	---	2.0	195.4	1.3	---	93.5	98.0	.1	429.2	-.1
355	625	94350	437.5	195.5	---	1.5	190.0	1.3	---	93.5	98.5	.1	450.0	-.3
356	625	94400	450.8	195.0	---	2.0	185.0	1.3	---	93.5	98.0	.3	475.0	-.1
357	625	94420	487.5	195.0	---	1.5	51.3	1.3	---	93.5	98.0	.1	580.0	.5
358	625	94440	504.2	195.0	---	1.8	52.1	1.3	---	93.8	98.3	.2	529.2	0.0
359	625	94500	529.2	194.8	---	2.0	49.6	.4	---	93.8	98.0	.1	558.3	.1
360	625	94520	550.8	194.8	---	2.2	45.8	1.3	---	93.5	98.2	.1	579.2	-.1
361	625	94540	579.2	194.7	---	1.8	33.9	.8	---	93.7	98.5	.1	608.3	-.3
362	625	94600	600.0	194.8	---	2.3	24.6	.8	---	93.3	98.3	.1	629.2	-.0
363	625	94620	616.7	194.5	---	2.0	26.3	1.3	---	93.5	98.2	.1	650.0	-.1
364	625	94640	633.3	194.3	---	2.0	26.3	.4	---	93.8	98.2	.1	670.8	-.1
365	625	94700	645.8	194.2	---	2.0	26.7	1.3	---	94.0	98.5	.1	683.3	-.4
366	625	94720	675.0	194.0	---	2.0	27.5	.4	---	93.8	98.3	.1	695.8	-.3
367	625	94740	687.5	193.5	---	2.0	27.5	1.3	---	93.7	98.7	.1	712.5	-.1
368	625	94800	687.5	193.5	---	2.0	27.5	1.3	---	93.8	98.5	.1	729.2	.5
369	625	94820	720.8	193.5	---	2.0	27.9	1.3	---	94.2	98.8	.1	737.5	-.1
370	625	94840	716.7	192.8	---	2.0	28.3	1.3	---	94.3	98.8	.1	750.0	-.2
371	625	94900	695.8	192.5	---	2.0	27.5	1.3	---	94.2	98.8	.1	762.5	-.5
372	625	94920	745.8	192.5	---	2.0	27.5	1.3	---	94.5	99.0	.1	775.0	-.5
373	625	94940	754.2	192.2	---	2.0	28.3	.8	---	94.5	99.3	.1	783.3	-.5
374	625	95000	762.5	191.7	---	2.0	28.3	1.3	---	94.7	99.7	.1	791.7	-16.8
375	625	95020	770.8	191.7	---	2.0	28.3	.8	---	94.5	99.8	.1	804.2	-24.8
376	625	95040	779.2	191.5	---	2.0	27.9	1.3	---	94.8	99.8	.1	812.5	-24.6
377	625	95100	783.3	191.0	---	2.0	28.8	1.3	---	95.0	100.5	.1	816.7	-25.0
378	625	95120	787.5	190.7	---	2.0	28.8	1.3	---	94.8	100.3	.1	825.0	-24.8
379	625	95140	787.5	190.3	---	1.8	27.9	.4	---	94.7	100.8	.0	837.5	-24.8
380	625	95200	800.0	190.3	---	2.0	27.9	.4	---	94.7	100.5	.1	837.5	-24.9
381	625	95220	808.3	190.2	---	2.0	27.5	1.3	---	94.5	100.8	.1	845.8	-25.0
382	625	95240	820.8	190.0	---	2.0	27.9	.8	---	94.5	100.8	.1	850.0	-24.7
383	625	95300	820.8	189.8	---	2.0	27.5	1.3	---	94.7	100.8	.1	858.3	-25.2
384	625	95320	837.5	189.3	---	2.0	27.5	1.3	---	95.0	101.2	.1	862.5	-24.8
385	625	95340	837.5	189.0	---	2.0	27.5	1.3	---	95.0	101.3	.1	866.7	-24.9

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pu	Tu	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
386	625	95400	841.7	189.0	---	2.0	27.1	1.3	---	95.0	101.5	.1	879.2	-24.8
387	625	95420	845.8	188.7	---	1.7	11.4	1.3	---	95.0	100.8	.1	887.5	-19.3
388	625	95440	850.8	188.2	---	2.0	1.9	1.3	---	95.5	101.2	.1	887.5	-25.3
389	625	95500	862.5	188.3	---	2.0	.1	1.3	---	95.5	101.2	.1	887.5	-25.1
390	625	95520	862.5	187.8	---	2.0	0.0	1.3	---	95.7	101.3	.1	900.0	-24.8
391	625	95540	870.8	187.5	---	1.8	0.0	1.3	---	95.7	101.3	.1	984.2	-24.9
392	625	95600	870.8	187.3	---	2.0	0.0	1.3	---	95.7	101.5	.1	912.5	-24.7
393	625	95620	870.8	187.2	---	2.0	0.0	1.3	---	96.0	101.5	.1	916.7	-25.3
394	625	95640	887.5	186.8	---	2.0	0.0	1.3	---	96.0	101.8	.1	916.7	-24.8
395	625	95700	887.5	186.7	---	1.8	0.0	1.3	---	96.0	101.7	.1	925.0	-24.9
396	625	95720	887.5	186.3	---	2.0	0.0	.4	---	96.3	101.7	0.0	920.8	-25.1
397	625	95740	900.0	186.0	---	2.0	0.0	1.3	---	95.8	101.8	.1	937.5	-25.0
398	625	95800	900.0	185.8	---	2.0	0.0	.8	---	95.5	102.2	.1	937.5	-23.8
399	625	95820	900.0	186.0	---	2.0	0.0	1.3	---	95.7	102.5	.1	941.7	-25.3
400	625	95840	904.2	185.3	---	1.8	0.0	1.3	---	95.8	102.2	-.1	941.7	-24.6
401	625	95900	908.3	185.5	---	2.0	0.0	.8	---	96.2	101.7	.1	950.0	-24.8
402	625	95920	916.7	185.0	---	2.0	0.0	.8	---	96.5	103.5	.1	950.0	-24.8
403	625	95940	920.8	184.8	---	2.0	0.0	1.3	---	96.2	102.5	.1	962.5	-24.8
404	625	100000	925.0	184.7	2266.8	1.8	0.0	1.3	4942.8	96.5	103.2	.1	962.5	-24.9
405	625	100006	925.0	184.0	---	2.0	0.0	1.3	---	96.5	103.0	.1	962.5	-25.1
406	625	100100	927.8	183.9	---	1.9	0.0	1.1	---	96.9	102.9	.1	969.4	-24.9
407	625	100200	942.0	183.3	---	1.9	.0	1.0	---	97.5	103.0	.0	978.4	-24.9
408	625	100300	951.1	182.7	---	2.0	0.0	1.0	---	97.7	103.5	-.1	988.6	-24.8
409	625	100400	961.4	182.0	---	1.8	0.0	1.0	---	96.5	103.7	-.1	1002.3	-24.8
410	625	100500	972.7	181.3	---	1.7	0.0	1.1	---	96.2	103.6	-.0	1011.4	-25.1
411	625	100600	981.8	180.3	---	1.9	0.0	1.0	---	96.9	103.5	-.0	1017.0	-24.6
412	625	100700	996.6	179.5	---	2.0	0.0	1.0	---	97.3	103.1	.0	1027.3	-24.8
413	625	100800	1001.1	178.6	---	1.7	0.0	1.1	---	97.5	103.1	.0	1037.5	-25.1
414	625	100900	1010.2	177.8	---	1.7	0.0	.9	---	97.5	102.7	.0	1040.9	-25.0
415	625	101000	1020.5	177.0	---	1.8	-.5	.7	---	97.5	102.3	.0	1035.2	-21.0
416	625	101100	1026.1	176.0	---	1.7	0.0	.6	---	97.5	102.3	.1	1058.0	-24.3
417	625	101200	1030.7	175.1	---	1.5	.2	1.0	---	97.5	101.8	.0	1068.2	-23.1
418	625	101300	1037.5	174.3	---	1.3	.3	.5	---	97.5	102.1	0.0	1076.1	-23.9
419	625	101400	1042.0	174.3	---	2.0	.8	1.1	---	97.5	102.3	-.1	1087.5	-21.0
420	625	101500	1053.4	173.6	---	1.7	.3	.5	---	97.5	102.4	-.1	1092.0	-23.5
421	625	101600	1063.6	172.9	---	1.8	.7	1.4	---	97.5	102.9	0.0	1092.0	-24.0
422	625	101700	1068.2	172.1	---	1.5	-.3	.8	---	97.5	102.6	0.0	1101.1	-26.1
423	625	101800	1070.5	171.6	---	1.4	.9	.3	---	97.5	102.4	.0	1123.9	-22.2
424	625	101900	1087.5	171.2	---	1.6	0.0	.5	---	97.6	102.3	.0	1128.5	-23.8
425	625	102000	1092.8	170.8	---	1.8	.8	.9	---	97.8	102.2	.0	1119.3	-21.8
426	625	102100	1097.7	170.0	---	1.7	1.2	1.1	---	97.8	101.8	.0	1131.8	-23.5
427	625	102200	1103.4	169.4	---	1.7	1.4	1.5	---	97.9	101.6	0.0	1140.9	-23.1
428	625	102300	1085.2	168.5	---	1.5	.3	.7	---	98.0	101.2	.0	1145.5	-24.1
429	625	102400	1115.9	167.9	---	1.5	0.0	.3	---	98.0	101.2	.1	1150.0	-21.9
430	625	102500	1127.3	167.6	---	1.6	.7	.7	---	73.8	101.0	.0	1158.0	-20.7
431	625	102600	1131.8	166.7	---	1.4	-.0	.7	---	.4	100.9	.1	1167.0	-22.4
432	625	102700	1138.7	165.9	---	1.2	-.5	.1	---	3.5	100.6	.1	1172.7	-23.0
433	625	102800	1151.1	165.6	---	1.6	.3	.8	---	3.3	100.7	-25.0	1173.9	-24.2
434	625	102900	1147.7	165.0	---	1.7	.4	.9	---	3.1	100.8	-25.0	1176.1	-24.0
435	625	103000	1150.0	164.2	2266.8	1.5	0.0	.5	4942.8	2.9	100.7	-25.0	1179.5	-24.1
436	625	103100	1158.0	163.6	---	1.5	-.4	.6	---	2.9	101.1	-25.0	1190.9	-22.7
437	625	103200	1161.4	163.2	---	1.9	.3	1.0	---	2.9	101.4	-25.0	1209.1	-24.0
438	625	103300	1172.7	162.7	---	2.0	-.1	.5	---	2.7	101.9	-25.0	1200.0	-21.5
439	625	103400	1177.3	162.4	---	1.8	-.0	.6	---	2.7	101.8	-25.0	1204.5	-22.4
440	625	103500	1173.9	162.0	---	1.8	.0	-135.3	---	2.5	101.9	-25.0	1211.4	-22.3

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Band
441	625	103600	1185.2	161.5	---	1.7	-7	-249.5	---	2.5	101.9	-25.0	1215.9	-21.1
442	625	103610	1187.5	161.5	---	2.5	0.0	-250.0	---	2.5	101.5	-24.9	1212.5	-22.3
443	625	103900	1190.6	160.4	---	1.6	-7	-250.3	---	2.4	102.2	-25.0	1227.3	-22.0
444	625	104200	1199.3	159.3	---	1.8	-11.0	-249.6	---	2.7	103.1	-25.0	1240.7	-22.3
445	625	104500	369.3	158.0	---	-1.7	-249.8	-248.8	---	2.5	-9.0	-25.0	395.4	-20.0
446	625	104800	-2495.7	156.6	---	-100.0	-249.7	-248.0	---	.3	-99.8	-25.0	-2496.1	-23.5
447	625	105100	-2497.1	155.0	---	-99.8	-249.9	-249.5	---	.3	-99.9	-25.0	-2497.1	-19.5
448	625	105400	-2494.3	153.7	---	-99.8	-249.4	-250.5	---	.3	-99.8	-25.0	-2497.1	-21.2
449	625	105700	-2497.5	524.9	---	-99.8	-249.8	-249.7	---	.1	-99.6	-24.9	-2494.3	-14.6
450	625	110000	-1977.5	74.5	2266.8	-99.8	-249.8	-249.4	4942.8	-77.1	-100.2	-25.0	-1952.9	-18.9
451	625	110300	1253.9	-100.0	---	-99.8	-250.0	-248.4	---	-100.0	-100.0	-25.0	1325.4	49.1
452	625	110600	1261.4	-100.0	---	-100.0	-249.9	-249.1	---	-100.0	-100.0	-25.0	1327.5	-9.6
453	625	110900	1269.6	-100.0	---	-100.0	-250.0	-249.2	---	-100.0	-99.9	-25.0	1350.4	9.0
454	625	111200	1278.9	-100.0	---	-100.0	-250.0	-249.7	---	-100.0	-100.0	-25.0	1347.5	-33.6
455	625	111229	1285.0	-100.0	---	-100.0	-250.0	-250.3	---	-100.0	-100.5	-25.0	1360.0	-37.1
456	625	111500	1294.0	-100.0	---	-99.9	-250.0	-250.0	---	-100.0	-99.9	-25.0	1371.8	-36.2
457	625	112000	1306.6	-100.0	---	-100.0	-250.0	-249.8	---	-100.0	-99.9	-25.0	1373.9	-36.0
458	625	112500	1313.6	-100.0	---	-100.0	-250.0	-246.5	---	-100.0	-100.0	-25.0	1387.5	-36.1
459	625	113000	1329.4	-100.0	2266.8	-100.0	-249.9	-250.0	4942.8	-100.0	-100.0	-25.0	1402.8	-36.4
460	625	113500	1344.9	-100.0	---	-100.0	-250.0	-249.8	---	-100.0	-100.0	-25.0	1418.4	-36.2
461	625	114000	1362.5	-100.0	---	-100.0	-249.9	-249.9	---	-100.0	-100.0	-25.0	1424.8	-36.0
462	625	114500	1366.9	-100.0	---	-100.0	-250.0	-250.1	---	-100.0	-100.0	-25.0	1439.0	-35.5
463	625	115000	1376.9	-100.0	---	-99.9	-250.0	-249.9	---	-100.0	-100.1	-25.0	1447.9	-36.1
464	625	115500	1390.5	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1458.7	-35.4
465	625	120000	1440.3	-100.0	2266.8	-100.0	-250.0	-250.0	4942.8	-100.0	-100.0	-25.0	1469.3	-35.5
466	625	120500	1403.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1482.6	-35.5
467	625	121000	1431.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1489.0	-36.2
468	625	121500	1438.1	-100.0	---	-100.0	-250.0	-249.8	---	-100.0	-100.0	-25.0	1497.0	-35.9
469	625	122000	1435.6	-100.0	---	-100.0	-249.9	-250.0	---	-100.0	-100.0	-25.0	1505.9	-36.3
470	625	122500	1477.2	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1511.5	-36.1
471	625	123000	1461.0	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1511.0	-36.4
472	625	123500	1476.3	-100.0	---	-100.1	-250.0	-250.1	---	-100.0	-100.0	-25.0	1532.0	-36.8
473	625	124000	1468.9	-100.0	---	-100.0	-250.2	-250.0	---	-100.0	-100.0	-25.0	1536.4	-37.0
474	625	124500	1472.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1542.8	-36.1
475	625	125000	1480.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1549.8	-36.2
476	625	125500	1475.2	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1557.4	-35.7
477	625	130000	1494.9	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1564.6	-36.3
478	625	130500	1499.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1575.4	-36.5
479	625	131000	1504.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1577.5	-35.9
480	625	131500	1511.7	-100.0	---	-100.0	-249.9	-250.0	---	-100.0	-100.0	-25.0	1585.0	-35.8
481	625	132000	1520.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1584.3	-35.9
482	625	132500	1528.6	-100.0	---	-99.9	-250.0	-249.9	---	-100.0	-100.0	-25.0	1598.0	-36.4
483	625	133000	1532.0	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1603.0	-36.4
484	625	133500	1533.5	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1615.3	-36.1
485	625	134000	1542.4	-100.0	---	-100.0	-250.0	-250.3	---	-100.0	-100.0	-25.0	1608.3	-36.4
486	625	134500	1536.7	-100.0	---	-100.1	-250.0	-250.0	---	-100.0	-100.0	-25.0	1615.7	-36.7
487	625	135000	1547.2	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1618.4	-36.9
488	625	135500	1554.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1622.2	-36.8
489	625	140000	1556.1	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1628.0	-36.6
490	625	140500	1566.3	-100.0	---	-100.0	-250.1	-250.0	---	-100.0	-100.0	-25.0	1633.9	-37.1
491	625	141000	1555.5	-100.0	---	-99.9	-250.0	-250.2	---	-100.0	-100.0	-25.0	1634.7	-37.0
492	625	141500	1591.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1639.8	-36.5
493	625	142000	1574.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1644.9	-37.1
494	625	142500	1582.8	-100.0	---	-100.0	-249.9	-249.9	---	-100.0	-100.0	-25.0	1647.2	-37.6
495	625	143000	1576.7	-100.0	2266.8	-100.0	-250.1	-250.0	1521.2	-100.0	-100.0	-25.0	1644.1	-37.2

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
496	625	143500	1576.3	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1655.3	-37.5
497	625	144000	1583.9	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1661.4	-37.9
498	625	144500	1597.9	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1660.8	-37.6
499	625	145000	1603.6	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1666.7	-37.3
500	625	145500	1607.2	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1674.4	-37.1
501	625	150000	1610.8	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1673.1	-37.3
502	625	150500	1611.4	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1664.0	-37.4
503	625	151000	1605.9	-100.0	----	-100.0	-250.2	-250.0	----	-100.0	-100.0	-25.0	1683.3	-36.8
504	625	151500	1616.3	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1674.2	-36.8
505	625	152000	1614.6	-100.0	----	-100.0	-258.0	-250.0	----	-100.0	-100.0	-25.0	1685.0	-36.8
506	625	152500	1630.5	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1692.4	-36.9
507	625	153000	1627.8	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1693.6	-37.0
508	625	153500	1618.6	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-99.6	-25.0	1698.7	-36.8
509	625	154000	1632.4	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1702.8	-36.7
510	625	154500	1642.4	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1703.6	-36.9
511	625	155000	1641.9	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1715.7	-36.8
512	625	155500	1640.9	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1707.0	-36.8
513	625	160000	1642.6	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1717.2	-36.8
514	625	160500	1651.1	-100.0	----	-100.0	-250.0	-249.9	----	-100.0	-100.0	-25.0	1713.3	-36.6
515	625	161000	1648.7	-100.0	----	-100.0	-249.9	-250.0	----	-100.0	-100.0	-25.0	1718.2	-37.1
516	625	161500	1648.9	-100.0	----	-100.0	-250.0	-249.9	----	-100.0	-100.0	-25.0	1722.7	-36.8
517	625	162000	1653.0	-100.0	----	-100.0	-250.0	-250.1	----	-100.0	-100.0	-25.0	1723.3	-36.2
518	625	162500	1656.6	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1723.3	-36.1
519	625	163000	1658.3	-100.0	2266.8	-100.0	-249.9	-250.0	1521.2	-100.0	-100.0	-25.0	1726.7	-36.0
520	625	163500	1658.3	-100.0	----	-100.0	-250.0	-249.9	----	-100.0	-100.0	-25.0	1732.4	-35.8
521	625	164000	1665.0	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1732.6	-36.1
522	625	164500	1665.3	-100.0	----	-100.0	-250.1	-250.0	----	-100.0	-100.0	-25.0	1734.5	-34.7
523	625	165000	1673.7	-100.0	----	-100.0	-250.0	-250.1	----	-100.0	-100.0	-25.0	1737.7	-33.7
524	625	165500	1666.7	-100.0	----	-100.0	-250.0	-249.9	----	-100.0	-100.0	-25.0	1737.1	-33.3
525	625	170000	1666.7	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1727.1	-33.7
526	625	170500	1672.5	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1742.8	-34.4
527	625	171000	1674.8	-100.0	----	-100.0	-250.0	-250.1	----	-100.0	-100.0	-25.0	1746.2	-34.4
528	625	171500	1679.2	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1747.2	-35.2
529	625	172000	1685.0	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1753.0	-35.6
530	625	172500	1678.8	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1752.3	-35.7
531	625	173000	1684.1	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1751.5	-35.9
532	625	173500	1683.7	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1757.0	-35.6
533	625	174000	1683.1	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1756.4	-35.8
534	625	174500	1689.0	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1760.0	-36.1
535	625	175000	1690.9	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1764.8	-35.8
536	625	175500	1692.2	-100.0	----	-100.2	-250.0	-250.0	----	-100.0	-100.0	-25.0	1764.0	-35.8
537	625	180000	1690.7	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1764.2	-35.9
538	625	180500	1691.3	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1764.4	-36.0
539	625	181000	1690.8	-100.0	----	-100.0	-249.9	-250.0	----	-100.0	-100.0	-25.0	1763.8	-35.8
540	625	181500	1697.7	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1767.6	-36.1
541	625	182000	1700.8	-100.0	----	-100.0	-250.0	-249.9	----	-100.0	-100.0	-25.0	1774.8	-36.3
542	625	182500	1699.8	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1759.1	-35.5
543	625	183000	1693.9	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1775.0	-34.6
544	625	183500	1703.0	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1774.6	-35.2
545	625	184000	1707.6	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1773.1	-35.3
546	625	184500	1704.7	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1782.8	-35.4
547	625	185000	1706.4	-100.0	----	-99.7	-250.0	-250.0	----	-100.0	-100.0	-25.0	1785.2	-35.3
548	625	185500	1700.6	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-100.0	-25.0	1780.5	-34.7
549	625	190000	1719.1	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1785.0	-34.9
550	625	190500	1714.8	-100.0	----	-100.0	-250.0	-250.0	----	-100.0	-99.9	-25.0	1782.0	-34.7

CZ COMPILED DATA 3 B.U.(AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ta	FDP	Tbng	Band
551	625	191000	1720.3	-100.0	---	-100.1	-250.0	-250.0	---	-100.0	-100.0	-25.0	1788.6	-34.8
552	625	191500	1708.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1791.1	-34.3
553	625	192000	1710.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.1	-25.0	1795.8	-34.9
554	625	192500	1715.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1793.0	-35.0
555	625	193000	1717.2	-100.0	2266.8	-100.0	-249.9	-250.0	1521.2	-100.0	-100.0	-25.0	1783.7	-35.0
556	625	193500	1721.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1795.8	-34.6
557	625	194000	1720.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1797.9	-34.8
558	625	194500	1734.5	-100.0	---	-100.0	-249.9	-250.0	---	-100.0	-100.0	-25.0	1800.8	-35.1
559	625	195000	1728.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1804.2	-34.6
560	625	195500	1725.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1802.8	-34.8
561	625	200000	1726.3	-100.0	2266.8	-100.0	-250.0	-250.2	1521.2	-100.0	-100.0	-25.0	1808.7	-34.6
562	625	200500	1726.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1809.5	-34.1
563	625	201000	1713.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-99.9	-25.0	1808.9	-34.5
564	625	201500	1727.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1809.1	-34.3
565	625	202000	1736.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1813.1	-33.5
566	625	202500	1734.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1813.3	-34.5
567	625	203000	1735.2	-100.0	2266.8	-100.0	-249.9	-250.0	1521.2	-100.0	-100.0	-25.0	1814.2	-34.5
568	625	203500	1733.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1813.6	-33.8
569	625	204000	1733.5	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1816.7	-33.6
570	625	204500	1733.5	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1817.2	-33.4
571	625	205000	1738.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1821.2	-33.8
572	625	205500	1741.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1821.2	-34.2
573	625	210000	1739.4	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1818.0	-33.8
574	625	210500	1757.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1823.3	-33.5
575	625	211000	1741.9	-100.0	---	-100.0	-250.1	-250.0	---	-100.0	-100.0	-25.0	1827.3	-33.9
576	625	211500	1742.8	-100.0	---	-100.0	-250.0	-250.1	---	-100.0	-100.0	-25.0	1824.6	-34.2
577	625	212000	1754.0	-100.0	---	-100.0	-250.0	-250.1	---	-100.0	-100.0	-25.0	1838.1	-34.1
578	625	212500	1741.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1826.3	-34.0
579	625	213000	1745.8	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1829.9	-33.7
580	625	213500	1746.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1833.1	-33.2
581	625	214000	1755.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1836.4	-33.5
582	625	214500	1744.3	-100.0	---	-100.0	-249.9	-250.0	---	-100.0	-100.0	-25.0	1830.9	-34.2
583	625	215000	1743.9	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1832.6	-34.3
584	625	215500	1750.0	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1830.9	-33.8
585	625	220000	1751.9	-100.0	2266.8	-100.0	-250.2	-250.0	1521.2	-100.0	-100.0	-25.0	1834.7	-33.1
586	625	220500	1747.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.1	-25.0	1833.9	-33.5
587	625	221000	1745.3	-99.9	---	-100.0	-250.1	-250.0	---	-100.0	-100.0	-25.0	1836.9	-34.0
588	625	221500	1756.8	-100.0	---	-99.9	-250.0	-250.0	---	-100.0	-100.0	-25.0	1839.0	-34.1
589	625	222000	1757.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1836.7	-33.5
590	625	222500	1754.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1839.6	-33.2
591	625	223000	1759.5	-100.0	2266.8	-100.0	-250.0	-249.9	1521.2	-100.0	-100.0	-25.0	1843.2	-32.3
592	625	223500	1754.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1841.5	-32.8
593	625	224000	1751.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1841.5	-33.8
594	625	224500	1744.9	-100.0	---	-100.0	-249.9	-249.9	---	-100.0	-100.0	-25.0	1847.5	-34.0
595	625	225000	1760.2	-100.0	---	-100.0	-250.1	-250.0	---	-100.0	-100.0	-25.0	1852.3	-33.7
596	625	225500	1766.7	-100.0	---	-100.0	-250.0	-250.1	---	-100.0	-100.0	-25.0	1853.2	-33.0
597	625	230000	1764.4	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1850.2	-33.5
598	625	230500	1762.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1848.1	-32.7
599	625	231000	1760.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1847.7	-34.2
600	625	231500	1750.8	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1848.7	-34.5
601	625	232000	1765.0	-100.0	---	-100.0	-249.9	-249.9	---	-100.0	-100.0	-25.0	1851.1	-33.9
602	625	232500	1755.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1854.2	-32.7
603	625	233000	1771.0	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1849.8	-33.0
604	625	233500	1765.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1857.2	-32.8
605	625	234000	1769.5	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1855.5	-34.6

CZ COMPILED DATA 3 B.U.(AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
606	625	234500	1767.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1858.5	-33.9
607	625	235000	1767.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1850.8	-33.7
608	625	235500	1779.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1873.5	-32.5
609	626	0	1777.8	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1861.4	-32.9
610	626	500	1768.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1860.6	-33.4
611	626	1000	1771.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1859.5	-34.3
612	626	1500	1776.9	-100.0	---	-100.0	-250.0	-250.1	---	-100.0	-100.0	-25.0	1862.5	-34.1
613	626	2000	1774.4	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1863.3	-33.8
614	626	2500	1775.4	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1859.3	-33.5
615	626	3000	1780.1	-100.0	2266.8	-100.0	-250.1	-250.0	1521.2	-100.0	-100.0	-25.0	1863.8	-32.8
616	626	3500	1774.8	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1862.9	-32.7
617	626	4000	1773.5	-100.0	---	-100.0	-250.0	-249.8	---	-100.0	-100.0	-25.0	1864.4	-34.8
618	626	4500	1757.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-99.9	-25.0	1864.4	-34.2
619	626	5000	1773.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1867.4	-33.2
620	626	5500	1780.1	-100.0	---	-99.9	-250.1	-250.2	---	-100.0	-100.0	-25.0	1865.7	-33.4
621	626	10000	1780.7	-100.0	2266.8	-100.0	-249.9	-250.2	1521.2	-100.0	-100.0	-25.0	1875.0	-32.6
622	626	10500	1780.5	-100.0	---	-100.0	-250.0	-250.1	---	-100.0	-100.0	-25.0	1875.0	-32.6
623	626	11000	1784.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1871.8	-34.1
624	626	11500	1800.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1871.0	-34.4
625	626	12000	1784.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1873.9	-33.5
626	626	12500	1785.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1872.5	-32.8
627	626	13000	1783.1	-99.9	2266.8	-99.8	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1870.6	-31.9
628	626	13500	1785.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1855.1	-32.9
629	626	14000	1792.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1877.5	-33.3
630	626	14500	1783.1	-100.0	---	-99.9	-250.0	-250.0	---	-100.0	-100.0	-25.0	1878.0	-33.4
631	626	15000	1768.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1875.2	-34.0
632	626	15500	1765.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1874.4	-33.3
633	626	20000	1789.6	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1876.1	-33.1
634	626	20500	1786.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1863.8	-32.7
635	626	21000	1789.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1879.4	-33.7
636	626	21500	1785.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1877.3	-34.1
637	626	22000	1787.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1881.6	-34.3
638	626	22500	1788.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1880.7	-32.9
639	626	23000	1792.6	-100.0	2266.8	-100.0	-250.0	-249.9	1521.2	-100.0	-99.9	-25.0	1896.4	-32.3
640	626	23500	1795.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1891.5	-32.3
641	626	24000	1792.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1878.1	-33.5
642	626	24500	1795.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1875.6	-33.7
643	626	25000	1799.4	-100.0	---	-100.1	-250.0	-250.0	---	-100.0	-100.0	-25.0	1886.0	-34.9
644	626	25500	1787.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1885.6	-34.2
645	626	30000	1797.2	-100.0	2266.8	-100.0	-249.8	-250.0	1521.2	-100.0	-100.0	-25.0	1889.4	-32.6
646	626	30500	1793.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1882.6	-32.4
647	626	31000	1794.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1887.3	-32.4
648	626	31500	1790.9	-100.0	---	-100.1	-248.9	-250.0	---	-100.0	-100.0	-25.0	1889.2	-32.6
649	626	32000	1791.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1890.9	-35.6
650	626	32500	1794.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1886.7	-34.3
651	626	33000	1798.1	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1890.3	-33.8
652	626	33500	1800.2	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1890.3	-33.0
653	626	34000	1813.3	-100.0	---	-100.0	-250.0	-249.8	---	-100.0	-99.9	-25.0	1886.7	-33.0
654	626	34500	1821.4	-100.0	---	-99.9	-250.1	-250.0	---	-100.0	-100.0	-25.0	1889.6	-32.0
655	626	35000	1802.3	-100.0	---	-100.0	-250.0	-250.1	---	-100.0	-100.0	-25.0	1905.5	-33.2
656	626	35500	1799.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1893.6	-34.4
657	626	40000	1795.8	-100.0	2266.8	-100.0	-249.9	-250.0	1521.2	-100.0	-100.0	-25.0	1894.7	-34.6
658	626	40500	1803.8	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1894.1	-34.3
659	626	41000	1797.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1895.3	-33.3
660	626	41500	1805.5	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1900.0	-32.9

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
661	626	42000	1803.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1892.6	-32.8
662	626	42500	1800.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1901.3	-33.4
663	626	43000	1801.9	-100.0	2266.8	-100.0	-250.0	-250.1	1521.2	-100.0	-100.0	-25.0	1899.2	-35.0
664	626	43500	1799.6	-100.0	---	-100.0	-249.9	-250.0	---	-100.0	-100.0	-25.0	1897.2	-34.1
665	626	44000	1805.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1899.2	-33.3
666	626	44500	1795.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1895.6	-32.3
667	626	45000	1801.3	-100.0	---	-100.1	-249.9	-250.0	---	-100.0	-100.0	-25.0	1894.5	-33.4
668	626	45500	1815.3	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1899.2	-31.8
669	626	50000	1812.7	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1912.7	-32.9
670	626	50500	1802.5	-100.0	---	-100.0	-249.9	-249.9	---	-100.0	-100.0	-25.0	1903.4	-34.3
671	626	51000	1807.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1902.1	-34.4
672	626	51500	1810.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1902.1	-32.7
673	626	52000	1777.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1914.6	-33.3
674	626	52500	1806.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1901.7	-33.0
675	626	53000	1801.5	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1903.8	-32.1
676	626	53500	1808.3	-100.0	---	-100.0	-250.0	-249.8	---	-100.0	-100.0	-25.0	1901.5	-32.1
677	626	54000	1810.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1905.3	-33.9
678	626	54500	1808.7	-100.0	---	-100.0	-250.0	-249.8	---	-100.0	-100.0	-25.0	1890.5	-35.7
679	626	55000	1810.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1904.2	-33.8
680	626	55500	1818.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1910.8	-33.4
681	626	60000	1801.3	-100.0	2266.8	-100.0	-249.9	-250.0	1521.2	-100.0	-100.0	-25.0	1904.2	-33.2
682	626	60500	1809.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1907.8	-33.1
683	626	61000	1809.5	-100.0	---	-100.0	-250.2	-250.0	---	-100.0	-100.0	-25.0	1905.3	-32.3
684	626	61500	1809.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1910.6	-32.9
685	626	62000	1812.9	-100.0	---	-100.0	-250.3	-250.0	---	-100.0	-100.0	-25.0	1908.3	-34.5
686	626	62500	1810.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1910.0	-34.0
687	626	63000	1814.8	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1903.2	-33.6
688	626	63500	1814.8	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1906.4	-32.6
689	626	64000	1832.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1905.3	-31.5
690	626	64500	1817.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1909.5	-32.6
691	626	65000	1817.2	-100.0	---	-100.1	-250.0	-250.0	---	-100.0	-100.0	-25.0	1910.0	-33.9
692	626	65500	1816.3	-99.9	---	-100.0	-249.8	-250.0	---	-100.0	-99.9	-25.0	1905.3	-34.8
693	626	70000	1820.6	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1910.4	-33.1
694	626	70500	1820.8	-100.0	---	-100.0	-250.1	-250.0	---	-100.0	-100.0	-25.0	1912.7	-30.6
695	626	71000	1829.0	-99.9	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1910.8	-32.4
696	626	71500	1822.5	-100.0	---	-100.0	-250.0	-250.3	---	-100.0	-100.0	-25.0	1908.1	-31.4
697	626	72000	1816.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1915.9	-32.8
698	626	72500	1824.2	-100.0	---	-100.0	-250.3	-250.0	---	-100.0	-100.0	-25.0	1914.0	-34.2
699	626	73000	1816.5	-100.0	2266.8	-100.0	-250.0	-249.9	1521.2	-100.0	-100.0	-25.0	1915.3	-33.3
700	626	73500	1818.4	-100.0	---	-100.0	-250.1	-250.0	---	-100.0	-100.0	-25.0	1915.0	-34.1
701	626	74000	1821.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1912.5	-31.7
702	626	74500	1825.6	-100.0	---	-100.0	-250.0	-249.9	---	-100.0	-100.0	-25.0	1912.9	-32.8
703	626	75000	1819.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-99.9	-25.0	1916.7	-33.6
704	626	75500	1819.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1917.4	-34.1
705	626	80000	1828.8	-100.0	2266.8	-100.0	-250.0	-250.1	1521.2	-100.0	-99.8	-25.0	1914.2	-34.8
706	626	80500	1826.5	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1917.2	-35.0
707	626	81000	1825.6	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1912.7	-35.4
708	626	81025	1850.0	-100.0	---	-99.9	-250.0	-250.0	---	-100.0	-100.0	-25.0	1909.4	-35.6
709	626	81500	1823.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1923.0	-34.3
710	626	83000	1826.0	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1914.7	-32.7
711	626	84500	-652.4	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1913.5	-34.6
712	626	90000	1829.3	-100.0	2266.8	-100.0	-250.0	-249.7	1521.2	-100.0	-100.0	-25.0	1912.6	-35.9
713	626	91500	1831.3	-100.0	---	-100.0	-250.0	-249.3	---	-100.0	-100.0	-25.0	1919.5	-35.5
714	626	93000	1827.3	-100.0	2266.8	-100.0	-250.0	-249.6	1521.2	-100.0	-100.0	-25.0	1905.4	-36.1
715	626	94500	1834.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1911.7	-36.2

CZ COMPILED DATA 3 B.U. (AUGUST-6-81)

FILE	DATE	TIME	Pw	Tw	Wbb1	DP	Ps	Pd	Sbb1	Td	Ts	FDP	Tbng	Sand
716	626	100000	1826.7	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1913.9	-36.4
717	626	101500	1826.1	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1914.2	-36.3
718	626	103000	1829.9	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1913.9	-36.4
719	626	104500	1828.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1911.7	-36.6
720	626	110000	1829.8	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1917.7	-36.5
721	626	111500	1828.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1914.6	-36.5
722	626	113000	1828.8	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1910.8	-36.9
723	626	114500	1830.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1925.2	-36.7
724	626	120000	1834.5	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1907.1	-37.1
725	626	121500	1832.2	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1910.0	-37.2
726	626	123000	1833.2	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1915.2	-37.4
727	626	124500	1834.2	-100.0	---	-100.0	-250.0	-249.8	---	-100.0	-100.0	-25.0	1917.7	-37.9
728	626	130000	1838.3	-100.0	2266.8	-100.0	-250.0	-250.1	1521.2	-100.0	-100.0	-25.0	1914.2	-37.8
729	626	131500	1834.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1912.4	-37.8
730	626	133000	1835.3	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1912.4	-38.4
731	626	134500	1836.7	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1915.2	-38.3
732	626	140000	1838.5	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1912.5	-38.7
733	626	141500	1837.8	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1915.5	-38.4
734	626	143000	1843.4	-100.0	2266.8	-100.0	-250.0	-249.9	1521.2	-100.0	-100.0	-25.0	1913.7	-38.5
735	626	144500	1843.0	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1915.7	-38.8
736	626	150000	1835.8	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1915.5	-38.5
737	626	151500	1845.9	-100.0	---	-100.0	-250.0	-250.0	---	-100.0	-100.0	-25.0	1918.3	-38.4
738	626	153000	1843.9	-100.0	2266.8	-100.0	-250.0	-250.0	1521.2	-100.0	-100.0	-25.0	1916.4	-38.3
739	626	154500	1841.6	-100.0	---	-100.0	-250.0	-249.8	---	-100.0	-100.0	-25.0	1912.6	-38.7
740	626	160000	1835.5	-100.0	2266.8	-100.0	-250.0	-245.7	1521.2	-100.0	-100.0	-25.0	1921.2	-38.3
741	626	161500	1847.1	-100.0	---	-100.0	-250.0	-249.4	---	-100.0	-100.0	-25.0	1920.5	-38.7
742	626	163000	1848.7	-100.0	2266.8	-100.0	-250.0	-247.6	1521.2	-100.0	-100.0	-25.0	1919.0	-38.4
743	626	164500	1848.6	-100.0	---	-100.0	-250.0	-247.6	---	-100.0	-100.0	-25.0	1920.1	-38.3
744	626	170000	1849.5	-100.0	2266.8	-100.0	-250.0	-247.8	1521.2	-100.0	-100.0	-25.0	1922.5	-38.4
745	626	171500	1844.0	-100.0	---	-100.0	-250.0	-247.8	---	-100.0	-100.0	-25.0	1921.7	-38.2
746	626	173000	1850.4	-100.0	2266.8	-100.0	-250.0	-247.0	1521.2	-100.0	-100.0	-25.0	1920.7	-38.1
747	626	174500	1850.1	-100.0	---	-100.0	-250.0	-247.9	---	-100.0	-100.0	-25.0	1919.6	-38.3
748	626	180000	1851.4	-100.0	2266.8	-100.0	-250.0	-248.8	1521.2	-100.0	-100.0	-25.0	1929.3	-38.1
749	626	181500	1851.5	-100.0	---	-100.0	-250.0	-248.6	---	-100.0	-100.0	-25.0	1925.6	-38.1

APPENDIX G
ERMI RAW DATA

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Industries of Houston, Inc.
Eaton Operating Co., Inc.
3104 Edloe, Houston, Texas 77027

SeaDataII - DATA TAPE HEADER SUMMARY REPORT

START TIME IS: 06/03/81 12:24:04

STOP TIME IS: 06/03/81 12:24:04

CLIENT NAME IS: EATON OPER.CO.

CLIENT LOCATION IS: LIVINGSTON LA.

WELL IDENTIFICATION IS: CROWN Z. #2

SERVICE COMPANY IS: ENERGY RES MEAS

THERE ARE 2 ACTIVE CHANNELS FOR THIS JOB.

Date	PANEX		PANEX		PANEX			
06/03/81	PRES	TEMP	FRES	FLOW		PRES	FLOW	GRADIENT
Time	psia	DegF	psia	DegF		psia	DegF	Feet
13:15:00	2664.88	92.5	0.00	93.1		2657.85	89.9	0
13:16:00	2665.00	92.5	0.00	93.2				
13:17:00	2664.96	92.4	0.00	93.3				
13:18:00	2665.17	93.1	0.00	93.4				
13:19:00	2665.23	92.5	0.00	93.5				
13:20:00	2665.17	92.4	0.00	93.5				
13:21:00	2665.33	92.9	0.00	93.6				
13:22:00	2665.35	92.5	0.00	93.6				
13:23:00	2665.06	93.0	0.00	93.8				
13:24:00	2664.82	93.4	0.00	94.0				
13:25:00	2664.65	93.5	0.00	94.2		2657.05	90.2	0
13:41:00	2682.00	93.7	0.00	94.7				
13:41:10	2681.87	93.3	0.00	94.7				
13:42:00	2681.82	93.5	0.00	94.7				
13:43:00	2681.74	93.2	0.00	94.7				
13:44:00	2681.61	92.6	0.00	94.8				
13:45:00	2681.89	93.2	0.00	94.7				
13:46:00	2681.65	92.7	0.00	94.7				
13:47:00	2681.67	93.4	0.00	94.7				
13:48:00	2681.53	92.9	0.00	94.8				
13:49:00	2681.44	93.7	0.00	94.8				
13:50:00	2680.97	92.3	0.00	94.9				
13:51:00	2681.02	93.0	0.00	95.0		3116.70	85.6	1,000
14:06:00	2697.19	94.2	0.00	96.4				
14:07:00	2697.10	94.0	0.00	96.7				
14:08:00	2697.20	94.2	0.00	96.9				
14:09:00	2697.05	93.8	0.00	97.0				
14:10:00	2697.10	94.7	0.00	96.9				
14:11:00	2696.96	94.1	0.00	96.8				
14:12:00	2696.86	94.0	0.00	96.7				
14:13:00	2696.94	94.9	0.00	96.5				
14:14:00	2696.77	94.7	0.00	96.4				
14:15:00	2696.60	94.4	0.00	96.3				
14:16:00	2696.55	94.6	0.00	96.2				
14:17:00	2696.43	94.9	0.00	96.3		3578.16	96.4	2,000
14:32:00	2714.27	95.7	0.00	96.9				
14:33:00	2714.24	96.4	0.00	97.1				
14:34:00	2714.02	95.9	0.00	97.4				
14:35:00	2713.96	96.8	0.00	97.5				
14:36:00	2713.72	96.6	0.00	97.9				
14:37:00	2713.56	96.6	0.00	98.1				
14:38:00	2713.42	97.0	0.00	98.3				
14:39:00	2713.27	96.5	0.00	98.5				
14:40:00	2713.02	96.6	0.00	98.7				
14:41:00	2712.92	96.9	0.00	99.0				
14:42:00	2712.84	96.9	0.00	99.2		4039.90	107.9	3,000
14:56:00	2731.16	98.5	0.00	98.5				
14:57:00	2731.00	98.7	0.00	98.5				
14:58:00	2730.86	98.9	0.00	98.4				
14:59:00	2730.56	98.6	0.00	98.3				

Date	PA PANEX		PANEX		PANEX			
06/03/81	PRES	TEMP	PRES	FLOW		PRES	FLOW	GRADIENT
Time	psia	DegF	psia	DegF		psia	DegF	Feet
15:00:00	2730.47	98.7	0.00	98.1				
15:01:00	2730.49	99.7	0.00	97.9				
15:02:00	2730.23	99.4	0.00	97.8				
15:03:00	2730.23	99.8	0.00	97.7				
15:04:00	2730.01	99.5	0.00	97.8				
15:05:00	2729.90	99.9	0.00	98.0				
15:06:00	2729.76	99.9	0.00	98.2				
15:07:00	2729.66	100.1	0.00	98.4	4951.85	130.5	4,000	
15:21:30	2748.17	100.6	0.00	98.8				
15:22:00	2748.18	101.1	0.00	98.8				
15:23:00	2748.01	101.1	0.00	98.7				
15:24:00	2747.99	101.7	0.00	98.6				
15:25:00	2747.75	101.4	0.00	98.6				
15:26:00	2747.51	101.3	0.00	98.6				
15:27:00	2747.35	101.1	0.00	98.6				
15:28:00	2747.38	101.5	0.00	98.5				
15:29:00	2747.08	101.1	0.00	98.5				
15:30:00	2747.19	101.9	0.00	98.5				
15:31:00	2746.99	101.9	0.00	98.5				
15:32:00	2746.87	102.2	0.00	98.5				
15:33:00	2746.83	102.2	0.00	98.5				
15:34:00	2746.58	102.1	0.00	98.4				
15:35:00	2746.50	102.1	0.00	98.4				
15:36:00	2746.29	101.8	0.00	98.4				
15:37:00	2746.23	101.8	0.00	98.3				
15:38:00	2746.20	102.4	0.00	98.2				
15:39:00	2746.09	102.8	0.00	98.1	4962.66	130.7	5,000	
15:53:00	2765.05	102.6	0.00	97.1				
15:54:00	2764.87	103.0	0.00	97.0				
15:55:00	2764.68	102.5	0.00	96.9				
15:56:00	2764.49	102.2	0.00	97.0				
15:57:00	2764.36	102.3	0.00	96.9				
15:58:00	2764.39	103.2	0.00	96.8				
15:59:00	2764.22	102.7	0.00	96.9				
16:00:00	2763.99	102.6	0.00	96.9				
16:01:00	2763.99	103.0	0.00	96.8				
16:02:00	2763.81	102.9	0.00	96.7	5422.86	144.9	6,000	
16:15:00	2782.55	103.9	0.00	95.9				
16:16:00	2782.46	103.6	0.00	95.9				
16:17:00	2782.16	103.4	0.00	95.8				
16:18:00	2782.03	103.0	0.00	95.8				
16:19:00	2781.87	103.1	0.00	95.7				
16:20:00	2781.57	102.5	0.00	95.8				
16:21:00	2781.51	102.6	0.00	95.7				
16:22:00	2781.61	103.9	0.00	95.7				
16:23:00	2781.15	102.5	0.00	95.7				
16:24:00	2781.08	102.9	0.00	95.7	5882.63	161.3	7,000	
16:44:00	2797.97	103.2	0.00	97.1				
16:45:00	2797.77	103.0	0.00	97.1				
16:46:00	2797.47	102.7	0.00	97.1				

Date 06/03/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	PANEX PRES psia	FLOW DegF	GRADIENT Feet
16:47:00	2797.36	103.0	0.00	97.0			
16:48:00	2797.14	103.0	0.00	96.9			
16:49:00	2796.84	102.7	0.00	96.9			
16:50:00	2796.73	102.9	0.00	96.9			
16:51:00	2796.36	102.3	0.00	97.0			
16:52:00	2796.33	102.9	0.00	97.2			
16:53:00	2796.21	103.0	0.00	97.4			
16:54:00	2796.07	103.5	0.00	97.6			
16:55:00	2795.81	103.1	0.00	97.8			
16:56:00	2795.58	103.0	0.00	97.9			
16:57:00	2795.50	103.5	0.00	98.0			
16:58:00	2795.42	103.6	0.00	98.1	6337.16	179.0	8,000
16:59:00	2795.19	103.4	0.00	98.2			
17:13:00	2813.20	104.5	0.00	97.6			
17:14:00	2812.93	104.5	0.00	97.5			
17:15:00	2812.55	103.5	0.00	97.4			
17:16:00	2812.25	103.2	0.00	97.4			
17:17:00	2812.14	104.0	0.00	97.4			
17:18:00	2812.07	104.7	0.00	97.4			
17:19:00	2811.66	103.5	0.00	97.6			
17:20:00	2811.53	104.0	0.00	97.6			
17:21:00	2811.24	103.9	0.00	97.6			
17:22:00	2811.35	104.3	0.00	97.5			
17:23:00	2810.88	103.5	0.00	97.6	6783.39	197.7	9,000
17:39:00	2828.16	104.4	0.00	97.0			
17:40:00	2828.19	105.2	0.00	97.0			
17:41:00	2827.84	104.5	0.00	96.9			
17:42:00	2827.71	104.8	0.00	96.9			
17:43:00	2827.25	104.5	0.00	96.7			
17:44:00	2827.04	104.1	0.00	96.6			
17:45:00	2826.76	104.2	0.00	96.5			
17:46:00	2826.68	104.9	0.00	96.4			
17:47:00	2826.65	105.0	0.00	96.3			
17:48:00	2826.26	104.3	0.00	96.3			
17:49:00	2826.09	104.9	0.00	96.2	7228.98	216.3	10,000
18:09:00	2842.05	104.3	0.00	95.8			
18:10:00	2842.06	105.6	0.00	95.8			
18:11:00	2841.44	103.8	0.00	95.7			
18:12:00	2841.31	104.5	0.00	95.7			
18:13:00	2840.89	103.6	0.00	95.6			
18:14:00	2840.81	104.4	0.00	95.5			
18:15:00	2840.97	105.7	0.00	95.2			
18:16:00	2840.66	105.4	0.00	95.0			
18:17:00	2840.14	104.4	0.00	94.9	7674.43	231.3	11,000
18:34:00	2856.71	103.7	0.00	92.1			
18:35:00	2855.99	103.7	0.00	92.0			
18:36:00	2856.43	104.3	0.00	92.0			
18:37:00	2856.39	104.2	0.00	92.0			
18:38:00	2855.42	104.1	0.00	91.9			
18:39:00	2855.29	103.8	0.00	91.9			

Date 06/03/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	PANEX PRES psia	FLOW DegF	GRADIENT Feet
18:40:00	2854.96	103.7	0.00	91.9			
18:41:00	2854.88	103.9	0.00	91.8			
18:42:00	2854.73	103.9	0.00	91.8			
18:43:00	2854.43	103.6	0.00	91.7			
18:44:00	2854.33	103.8	0.00	91.7	8117.67	246.5	12,000
19:03:00	2864.60	102.6	0.00	90.9			
19:04:00	2864.21	102.2	0.00	90.9			
19:05:00	2863.90	101.7	0.00	90.9			
19:06:00	2863.72	102.3	0.00	90.8			
19:07:00	2863.50	102.3	0.00	90.8			
19:08:00	2863.14	101.9	0.00	90.7			
19:09:00	2862.88	101.7	0.00	90.8			
19:10:00	2862.60	101.9	0.00	90.7			
19:11:00	2862.42	102.4	0.00	90.7			
19:12:00	2862.08	101.8	0.00	90.6			
19:13:00	2861.67	101.3	0.00	90.6	8552.69	261.0	13,000
19:34:10	2875.93	100.8	0.00	89.5			
19:35:00	2875.73	100.8	0.00	89.5			
19:36:00	2875.60	100.6	0.00	89.5			
19:37:00	2875.05	100.0	0.00	89.4			
19:38:00	2874.94	100.6	0.00	89.4			
19:39:00	2874.67	100.0	0.00	89.4			
19:40:00	2874.44	100.5	0.00	89.3			
19:41:00	2874.17	100.0	0.00	89.3			
19:42:00	2873.92	99.9	0.00	89.2			
19:43:00	2873.62	99.7	0.00	89.2			
19:44:00	2873.41	99.9	0.00	89.1			
19:45:00	2873.27	100.5	0.00	89.0			
19:46:00	2872.96	99.7	0.00	89.1			
19:47:00	2872.62	99.7	0.00	89.0			
19:48:00	2872.43	99.5	0.00	89.0	8986.30	278.3	14,000
20:06:50	2888.13	98.7	0.00	88.1			
20:07:00	2888.03	98.6	0.00	88.1			
20:08:00	2887.79	98.4	0.00	88.1			
20:09:00	2887.51	98.3	0.00	88.0			
20:10:00	2887.30	98.4	0.00	88.0			
20:11:00	2887.04	98.1	0.00	87.9			
20:12:00	2886.79	98.2	0.00	87.9			
20:13:00	2886.62	98.2	0.00	87.8			
20:14:00	2886.40	98.5	0.00	87.7			
20:15:00	2886.15	98.0	0.00	87.7			
20:16:00	2885.93	98.0	0.00	87.6			
20:17:00	2885.77	98.2	0.00	87.6			
20:18:00	2885.39	97.4	0.00	87.5	9429.19	292.0	15,000
20:44:00	2899.87	96.4	0.00	86.1			
20:45:00	2899.79	96.3	0.00	86.1			
20:46:00	2899.65	96.8	0.00	86.0			
20:47:00	2899.29	96.0	0.00	86.0			
20:48:00	2899.14	96.3	0.00	85.9			
20:49:00	2898.96	96.1	0.00	85.9			

Date 06/03/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	PANEX PRES psia	FLOW DegF	GRADIENT Feet
20:50:00	2898.76	96.0	0.00	85.9			
20:51:00	2898.47	95.6	0.00	85.8			
20:52:00	2898.32	95.9	0.00	85.8			
20:53:00	2898.16	96.1	0.00	85.8			
20:54:00	2897.96	96.0	0.00	85.7			
20:55:00	2897.76	95.8	0.00	85.7			
20:56:00	2897.52	95.7	0.00	85.6			
20:57:00	2897.32	95.5	0.00	85.6	9809.83	313.2	16,000
21:21:20	2905.34	94.1	0.00	84.5			
21:22:00	2905.20	94.1	0.00	84.4			
21:23:00	2905.01	94.0	0.00	84.4			
21:24:00	2904.87	94.0	0.00	84.3			
21:25:00	2904.64	93.6	0.00	84.3	10074.58	327.2	16,636
21:36:00	2900.85	93.4	0.00	83.7			
21:37:00	2900.65	93.5	0.00	83.7			
21:38:00	2900.48	93.3	0.00	83.6			
21:39:00	2900.28	93.3	0.00	83.6			
21:40:00	2900.14	93.2	0.00	83.6			
21:41:00	2899.93	93.0	0.00	83.5			
21:42:00	2899.78	93.1	0.00	83.5			
21:43:00	2899.65	93.1	0.00	83.4			
21:44:00	2899.46	93.1	0.00	83.4			
21:45:00	2899.30	93.0	0.00	83.4			
21:46:00	2899.15	93.0	0.00	83.4			
21:47:00	2898.94	92.8	0.00	83.3			
21:48:00	2898.78	92.8	0.00	83.3			
21:49:00	2898.60	92.5	0.00	83.3			
21:50:00	2898.49	92.6	0.00	83.2			
21:51:00	2898.29	92.6	0.00	83.2			
21:52:00	2898.13	92.3	0.00	83.2			
21:53:00	2897.98	92.4	0.00	83.1	10,032.24	325.6	16,536
22:00:00	2897.07	92.2	0.00	82.8	Tool Starts to Leak		
22:10:00	2895.44	91.6	0.00	82.5			
22:20:00	2893.47	91.2	0.00	82.1			
22:30:00	2892.38	90.8	0.00	81.7			
22:40:00	2891.17	90.5	0.00	81.3			
22:50:00	2890.04	89.5	0.00	81.0			
23:00:00	2889.16	89.2	0.00	80.8			
23:10:00	2887.76	88.9	0.00	80.4			
23:20:00	2886.40	88.5	0.00	80.1			
23:21:00	2886.29	88.6	0.00	80.0			
23:22:00	2886.13	88.5	0.00	80.0			
23:23:00	2886.03	88.6	0.00	80.0			
23:23:30	2886.02	88.9	0.00	80.0			
23:24:00	2885.93	88.6	0.00	79.9			
23:24:30	2885.84	88.5	0.00	80.0			
23:25:00	2885.80	88.8	0.00	79.9			
23:25:30	2885.70	88.4	0.00	79.9			
23:26:00	2885.60	88.4	0.00	79.9			
23:26:30	2885.58	88.6	0.00	79.9			

Date	PANEX		PANEX	
06/03/81	PRES	TEMP	PRES	FLOW
Time	psia	DegF	psia	DegF
23:27:00	2885.39	87.9	0.00	79.9
23:27:30	2885.42	88.3	0.00	79.9
23:28:00	2885.34	88.3	0.00	79.8
23:28:30	2885.28	88.2	0.00	79.8
23:29:00	2885.16	88.3	0.00	79.8
23:29:30	2885.14	88.2	0.00	79.8
23:30:00	2885.14	88.7	0.00	79.8
23:30:30	2884.95	88.3	0.00	79.7
23:31:00	2884.93	88.2	0.00	79.8
23:31:30	2884.92	88.4	0.00	79.8
23:32:00	2884.81	88.2	0.00	79.7
23:32:30	2884.75	88.3	0.00	79.7
23:33:00	2884.68	88.1	0.00	79.7
23:33:30	2884.60	88.1	0.00	79.7
23:34:00	2884.53	88.1	0.00	79.7
23:34:30	2884.46	88.0	0.00	79.7
23:35:00	2884.40	88.2	0.00	79.7
23:35:30	2884.33	88.0	0.00	79.6
23:36:00	2884.25	88.0	0.00	79.7
23:36:30	2884.14	87.9	0.00	79.7
23:37:00	2884.09	88.0	0.00	79.6
23:37:30	2884.06	88.1	0.00	79.6
23:38:00	2884.03	88.3	0.00	79.6
23:38:30	2883.90	87.9	0.00	79.6
23:39:00	2883.87	88.1	0.00	79.6
23:39:30	2883.80	88.0	0.00	79.6

SeaDataII - DATA TAPE HEADER SUMMARY REPORT

START TIME IS: 06/04/81 06:31:00

STOP TIME IS: 06/04/81 10:54:05

CLIENT NAME IS: EATON OPER. CO.

CLIENT LOCATION IS: LIVINGSTON LA.

WELL IDENTIFICATION IS: CROWN Z. #2

SERVICE COMPANY IS: ENERGY RES MEAS

THERE ARE 3 ACTIVE CHANNELS FOR THIS JOB.

Date 06/04/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	PANEX PRES psia	TEMP DegF
06:31:00	2935.44	83.8	0.00	79.1	10111.11	317.1
06:32:00	2934.92	83.7	0.00	79.3	10116.81	317.7
06:33:00	2934.61	84.0	0.00	79.4	10119.61	318.2
06:34:00	2934.52	84.4	0.00	79.5	10121.48	318.7
06:35:00	2934.18	84.2	0.00	79.7	10122.64	319.1
06:36:00	2933.75	84.2	0.00	79.8	10123.86	319.5
06:37:00	2933.38	84.6	0.00	80.0	10124.95	319.6
06:38:00	2933.00	84.8	0.00	80.1	10125.75	319.8
06:39:00	2932.57	85.0	0.00	80.3	10126.37	319.9
06:40:00	2932.05	85.1	0.00	80.4	10127.45	320.0
06:41:00	2931.72	85.4	0.00	80.5	10127.50	320.2
06:42:00	2931.21	85.4	0.00	80.7	10127.48	320.3
06:43:00	2930.80	85.3	0.00	80.8	10127.42	320.3
06:44:00	2930.37	85.7	0.00	81.0	10127.36	320.5
06:45:00	2930.00	85.9	0.00	81.1	10127.12	320.6
06:46:00	2929.48	85.6	0.00	81.2	10126.95	320.6
06:47:00	2929.07	86.0	0.00	81.4	10126.71	320.6
06:48:00	2928.58	85.7	0.00	81.6	10126.49	320.6
06:49:00	2928.16	86.0	0.00	81.7	10126.21	320.6
06:50:00	2927.70	86.2	0.00	81.9	10125.96	320.7
06:51:00	2927.44	86.5	0.00	81.9	10125.59	320.6
06:52:00	2926.98	86.6	0.00	82.1	10125.30	320.7
06:55:00	2925.69	86.8	0.00	82.5	10124.27	320.8
07:00:00	2923.77	87.8	0.00	83.3	10122.54	320.7
07:05:00	2924.01	88.4	0.00	83.7	10122.25	320.7
07:40:00	2913.65	93.5	0.00	88.3	10113.50	320.9
07:50:00	2911.32	94.7	0.00	89.1	10111.07	320.8
08:00:00	2908.70	95.2	0.00	89.8	10108.59	320.9
08:10:00	2906.31	95.3	0.00	89.9	10105.64	320.7
08:20:00	2904.64	97.8	0.00	92.1	10103.78	320.8
08:30:00	2902.01	97.4	0.00	92.3	10101.47	320.9
08:40:00	2900.13	98.6	0.00	92.1	10098.01	320.8
08:50:00	2898.60	100.6	0.00	91.8	10094.65	320.7
09:00:00	2896.64	100.7	0.00	91.7	10091.61	320.8
09:10:00	2894.77	100.1	0.00	91.7	10088.21	320.8
09:20:00	2893.24	101.2	0.00	91.7	10085.12	320.8
09:30:00	2891.59	101.3	0.00	92.2	10082.90	320.8
09:40:00	2889.91	101.0	0.00	92.6	10080.84	320.8
09:50:00	2888.36	101.6	0.00	92.8	10078.81	320.8
10:00:00	2886.81	101.6	0.00	93.5	10077.06	320.8
10:10:00	2885.48	102.0	0.00	94.1	10075.49	320.8
10:20:00	2884.04	102.1	0.00	94.5	10074.05	320.8
10:30:00	2882.93	102.7	0.00	94.6	10072.75	320.8
10:40:00	2881.82	103.6	0.00	94.7	10071.64	320.8
10:50:00	2880.58	103.4	0.00	94.3	10070.53	320.8

Clock Off 2 hours

Tool going out Changing to
HP Quartz

SeaDataII - DATA TAPE HEADER SUMMARY REPORT

START TIME IS: 06/05/81 03:29:05

STOP TIME IS: 06/05/81 03:29:05

CLIENT NAME IS: EATON OPER. CO.

CLIENT LOCATION IS: LIVINGSTON LA.

WELL IDENTIFICATION IS: CROWN Z. #2

SERVICE COMPANY IS: ENERGY RES MEAS

THERE ARE 4 ACTIVE CHANNELS FOR THIS JOB.

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
03:47:00	2684.30	86.4	0.00	78.6	0.00	0.0	2743.82	321.0
03:48:00	2684.73	86.4	0.00	78.6	0.00	0.0	2757.17	321.0
03:49:00	2683.83	85.3	0.00	78.6	0.00	0.0	2771.85	321.0
03:50:00	2684.88	86.1	0.00	78.6	0.00	0.0	2792.14	321.0
03:55:00	2684.61	85.4	0.00	78.6	0.00	0.0	2922.70	321.0
04:00:00	2692.12	86.7	0.00	78.5	0.00	0.0	3088.87	321.0
04:05:00	2699.78	85.3	0.00	78.5	0.00	0.0	3314.45	321.0
04:10:00	2713.14	85.6	0.00	78.5	0.00	0.0	3518.57	321.0
04:15:00	2707.42	86.0	0.00	78.5	0.00	0.0	3737.19	321.0
04:20:00	2729.26	85.5	0.00	78.4	0.00	0.0	4136.65	321.0
04:25:00	2742.44	86.0	0.00	78.4	0.00	0.0	4528.15	321.0
04:30:00	2751.92	85.6	0.00	78.4	0.00	0.0	4886.92	321.0
04:35:00	2770.41	85.9	0.00	78.4	0.00	0.0	5296.14	321.0
04:40:00	2787.44	85.7	0.00	78.3	0.00	0.0	5647.81	321.0
04:45:00	2796.23	86.4	0.00	78.3	0.00	0.0	5948.34	321.0
04:50:00	2809.45	86.0	0.00	78.3	0.00	0.0	6258.62	321.0
04:55:00	2819.44	86.6	0.00	78.3	0.00	0.0	6538.86	321.0
05:00:00	2827.64	86.2	0.00	78.3	0.00	0.0	6848.56	321.0
05:05:00	2836.58	86.7	0.00	78.3	0.00	0.0	7169.66	321.0
05:10:00	2849.87	86.7	0.00	78.3	0.00	0.0	7451.74	321.0
05:15:00	2858.18	86.8	0.00	78.3	0.00	0.0	7716.34	321.0
05:20:00	2867.19	86.8	0.00	78.3	0.00	0.0	8015.51	321.0
05:25:00	2878.72	86.5	0.00	78.3	0.00	0.0	8285.36	321.0
05:30:00	2887.98	86.8	0.00	78.3	0.00	0.0	8569.99	321.0
05:35:00	2898.16	86.5	0.00	78.3	0.00	0.0	8880.46	321.0
05:40:00	2910.25	86.5	0.00	78.3	0.00	0.0	9201.15	321.0
05:45:00	2918.72	86.6	0.00	78.3	0.00	0.0	9450.71	321.0
05:50:00	2930.40	86.7	0.00	78.3	0.00	0.0	9522.26	321.0
05:55:00	2927.89	86.8	0.00	78.3	0.00	0.0	9467.73	321.0
06:00:00	2925.39	86.4	0.00	78.3	0.00	0.0	9445.65	321.0
06:05:00	2923.07	86.6	0.00	78.3	0.00	0.0	9422.05	321.0
06:10:00	2920.77	86.7	0.00	78.4	0.00	0.0	9429.25	321.0
06:15:00	2918.55	86.7	0.00	78.3	0.00	0.0	9421.99	321.0
06:20:00	2916.43	86.7	0.00	78.4	0.00	0.0	9431.85	321.0
06:25:00	2914.36	87.1	0.00	78.4	0.00	0.0	9425.06	321.0
06:30:00	2912.26	87.0	0.00	78.5	0.00	0.0	9425.31	321.0
06:35:00	2910.57	86.8	0.00	78.5	0.00	0.0	9418.01	321.0
06:40:00	2909.61	87.3	0.00	78.5	0.00	0.0	9409.79	321.0
06:45:00	2908.72	86.9	0.00	78.6	0.00	0.0	9396.43	321.0
06:50:00	2907.72	86.7	0.00	78.6	0.00	0.0	9414.47	321.0
06:55:00	2907.30	87.0	0.00	78.7	0.00	0.0	9411.14	321.0
07:00:00	2906.87	86.9	0.00	78.7	0.00	0.0	9411.44	321.0
07:05:00	2840.25	87.4	0.00	85.3	0.00	0.0	9349.05	321.0
07:10:00	2846.77	87.5	0.00	77.0	0.00	0.0	9356.48	321.0
07:15:00	2712.06	87.1	0.00	81.3	0.00	0.0	9221.75	321.0
07:20:00	2712.17	86.7	0.00	80.2	0.00	0.0	9220.32	321.0
07:25:00	2711.99	87.9	0.00	80.0	0.00	0.0	9222.92	321.0
07:30:00	2711.16	87.2	0.00	79.9	0.00	0.0	9222.31	321.0
07:35:00	2710.88	87.6	0.00	80.0	0.00	0.0	9221.04	321.0
07:40:00	2710.59	88.2	0.00	80.1	0.00	0.0	9220.77	321.0

D.H. 16,536

Bad Reading

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
07:45:00	2710.34	87.6	0.00	80.2	0.00	0.0	9299.23	321.0
07:50:00	2717.55	86.7	0.00	80.4	0.00	0.0	9533.60	321.0
07:55:00	2726.78	87.1	0.00	80.5	0.00	0.0	9662.74	321.0
07:58:40	2734.87	88.4	0.00	80.6	0.00	0.0	4612.36	321.0
07:58:45	2734.23	87.5	0.00	80.6	0.00	0.0	4652.01	321.0
07:58:55	2734.43	88.3	0.00	80.6	0.00	0.0	4276.87	321.0
07:59:00	2734.75	87.3	0.00	80.6	0.00	0.0	4089.47	321.0
07:59:10	2735.90	89.5	0.00	80.6	0.00	0.0	3625.61	321.0
07:59:20	2735.48	87.3	0.00	80.6	0.00	0.0	3159.21	321.0
07:59:30	2737.09	88.6	0.00	80.7	0.00	0.0	2809.98	321.0
07:59:40	2736.20	88.2	0.00	80.7	0.00	0.0	2182.72	321.0
08:00:00	2737.64	88.1	0.00	80.6	0.00	0.0	1753.27	321.0
08:00:10	2738.39	89.1	0.00	80.7	0.00	0.0	1461.32	321.0
08:00:20	2739.45	88.8	0.00	80.6	0.00	0.0	1105.33	321.0
08:00:30	2738.37	88.9	0.00	80.6	0.00	0.0	785.69	321.0
08:00:40	2738.56	89.3	0.00	80.7	0.00	0.0	682.47	321.0
08:00:50	2741.16	88.9	0.00	80.7	0.00	0.0	440.54	321.0
08:01:00	2740.24	88.9	0.00	80.6	0.00	0.0	377.18	321.0
08:01:10	2740.03	88.6	0.00	80.7	0.00	0.0	412.28	321.0
08:01:20	2740.25	87.8	0.00	80.7	0.00	0.0	497.21	321.0
08:01:30	2741.52	89.4	0.00	80.7	0.00	0.0	545.09	321.0
08:01:40	2740.88	89.3	0.00	80.7	0.00	0.0	683.96	321.0
08:01:50	2740.14	87.9	0.00	80.7	0.00	0.0	791.50	321.0
08:02:00	2740.75	88.4	0.00	80.7	0.00	0.0	1066.86	321.0
08:02:10	2740.61	88.0	0.00	80.7	0.00	0.0	1286.71	321.0
08:02:20	2740.09	87.5	0.00	80.7	0.00	0.0	1469.73	321.0
08:02:30	2740.31	87.5	0.00	80.7	0.00	0.0	1351.55	321.0
08:02:40	2740.76	88.6	0.00	80.7	0.00	0.0	1232.52	321.0
08:02:50	2740.73	89.1	0.00	80.7	0.00	0.0	1393.80	321.0
08:03:00	2740.47	88.7	0.00	80.7	0.00	0.0	1342.39	321.0
08:03:10	2740.37	87.9	0.00	80.7	0.00	0.0	1505.61	321.0
08:03:30	2740.58	89.2	0.00	80.7	0.00	0.0	1592.23	321.0
08:04:00	2740.41	87.9	0.00	80.8	0.00	0.0	1768.20	321.0
08:04:30	2740.49	88.9	0.00	80.8	0.00	0.0	9928.30	321.0
08:05:00	2740.55	89.3	0.00	80.8	0.00	0.0	9921.67	321.0
08:06:00	2740.43	89.1	0.00	80.8	0.00	0.0	9910.39	321.0
08:07:00	2740.29	88.9	0.00	80.8	0.00	0.0	9901.27	321.0
08:08:00	2740.10	88.4	0.00	80.9	0.00	0.0	9893.96	321.0
08:09:00	2740.12	88.9	0.00	80.9	0.00	0.0	9888.08	321.0
08:10:00	2739.77	87.4	0.00	80.9	0.00	0.0	9882.69	321.0
08:11:00	2740.02	89.2	0.00	80.9	0.00	0.0	9879.60	321.0
08:11:50	2736.88	87.8	0.00	80.9	0.00	0.0	9868.20	321.0
08:11:55	2721.16	89.0	0.00	80.9	0.00	0.0	9872.54	321.0
08:12:05	2734.00	89.1	0.00	80.9	0.00	0.0	9867.16	321.0
08:12:10	2729.96	90.0	0.00	80.9	0.00	0.0	9865.93	321.0
08:12:20	2733.42	89.3	0.00	80.9	0.00	0.0	9803.83	321.0
08:12:30	2736.11	89.7	0.00	80.9	0.00	0.0	9864.13	321.0
08:12:35	2732.46	87.9	0.00	80.9	0.00	0.0	9853.48	321.0
08:12:45	2677.56	87.6	0.00	80.9	0.00	0.0	9793.00	321.0
08:12:50	2643.12	86.8	0.00	80.9	0.00	0.0	9769.42	321.0

Opened Well

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
08:13:00	2490.11	89.2	0.00	80.6	0.00	0.0	9669.42	321.0
08:13:05	2548.71	89.2	0.00	80.4	0.00	0.0	9655.52	321.0
08:13:15	2443.30	89.3	0.00	80.2	0.00	0.0	9600.07	321.0
08:13:20	2477.87	89.1	0.00	80.1	0.00	0.0	9587.41	321.0
08:13:30	2417.28	88.5	0.00	79.8	0.00	0.0	9550.98	321.0
08:13:35	2435.45	88.3	0.00	79.6	0.00	0.0	9536.28	321.0
08:13:45	2410.14	87.9	0.00	79.4	0.00	0.0	9525.56	321.0
08:13:50	2394.50	88.3	0.00	79.3	0.00	0.0	9518.53	321.0
08:14:00	2391.30	89.5	0.00	79.0	0.00	0.0	9505.54	321.0
08:14:05	2370.43	89.3	0.00	79.0	0.00	0.0	9499.52	321.0
08:14:15	2370.54	88.9	0.00	78.8	0.00	0.0	9486.95	321.0
08:14:20	2352.03	89.3	0.00	78.7	0.00	0.0	9481.35	321.0
08:14:30	2353.43	88.4	0.00	78.5	0.00	0.0	9471.30	321.0
08:14:40	2344.81	88.3	0.00	78.4	0.00	0.0	9461.78	321.0
08:14:45	2333.64	88.7	0.00	78.3	0.00	0.0	9457.07	321.0
08:14:55	2330.61	88.4	0.00	78.2	0.00	0.0	9449.04	321.0
08:15:00	2320.49	88.5	0.00	78.1	0.00	0.0	9445.05	321.0
08:15:10	2319.00	88.7	0.00	78.0	0.00	0.0	9438.15	321.0
08:15:15	2310.04	88.3	0.00	78.0	0.00	0.0	9434.78	321.0
08:15:25	2307.42	89.3	0.00	77.9	0.00	0.0	9428.34	321.0
08:15:30	2302.34	89.2	0.00	77.9	0.00	0.0	9425.11	321.0
08:15:45	2294.58	89.1	0.00	77.8	0.00	0.0	9416.37	321.0
08:15:50	2293.65	89.1	0.00	77.8	0.00	0.0	9413.53	321.0
08:16:00	2287.66	88.9	0.00	77.8	0.00	0.0	9407.65	321.0
08:16:05	2285.07	89.2	0.00	77.8	0.00	0.0	9404.89	321.0
08:16:15	2279.32	88.8	0.00	77.8	0.00	0.0	9399.42	321.0
08:16:20	2275.46	88.9	0.00	77.8	0.00	0.0	9397.27	321.0
08:16:30	2271.64	88.4	0.00	77.7	0.00	0.0	9392.40	321.0
08:16:40	2266.35	89.0	0.00	77.7	0.00	0.0	9388.23	321.0
08:16:45	2265.92	89.1	0.00	77.8	0.00	0.0	9386.05	321.0
08:16:55	2261.21	88.5	0.00	77.8	0.00	0.0	9382.72	321.0
08:17:00	2259.15	88.5	0.00	77.8	0.00	0.0	9380.89	321.0
08:17:10	2256.70	88.7	0.00	77.8	0.00	0.0	9377.39	321.0
08:17:15	2253.37	88.5	0.00	77.8	0.00	0.0	9376.15	321.0
08:17:25	2251.82	88.5	0.00	77.8	0.00	0.0	9373.27	321.0
08:17:30	2249.19	89.2	0.00	77.8	0.00	0.0	9372.14	321.0
08:17:40	2246.54	88.4	0.00	77.9	0.00	0.0	9369.71	321.0
08:17:45	2245.48	88.8	0.00	77.9	0.00	0.0	9367.93	321.0
08:17:55	2242.11	88.3	0.00	77.9	0.00	0.0	9365.31	321.0
08:18:00	2240.77	88.7	0.00	77.9	0.00	0.0	9363.76	321.0
08:18:10	2238.00	88.7	0.00	77.9	0.00	0.0	9360.96	321.0
08:18:15	2236.31	88.6	0.00	78.0	0.00	0.0	9359.77	321.0
08:18:25	2234.34	88.5	0.00	78.0	0.00	0.0	9356.92	321.0
08:18:30	2232.41	88.9	0.00	78.0	0.00	0.0	9355.58	321.0
08:18:40	2229.56	88.6	0.00	78.0	0.00	0.0	9352.92	321.0
08:18:50	2226.70	88.5	0.00	78.0	0.00	0.0	9350.30	321.0
08:18:55	2225.89	88.3	0.00	78.0	0.00	0.0	9349.08	321.0
08:19:05	2221.88	88.8	0.00	78.1	0.00	0.0	9346.12	321.0
08:19:10	2220.51	88.5	0.00	78.1	0.00	0.0	9345.22	321.0
08:19:20	2219.12	88.3	0.00	78.1	0.00	0.0	9343.74	321.0

Date	PANEX		PANEX		HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	PRES	TEMP
Time	psia	DegF	psia	DegF	psia	DegF
08:19:25	2218.37	89.1	0.00	78.1	0.00	9342.24
08:19:35	2216.13	88.9	0.00	78.1	0.00	9340.85
08:19:40	2214.77	88.4	0.00	78.1	0.00	9339.89
08:19:50	2212.18	88.9	0.00	78.1	0.00	9337.85
08:19:55	2211.13	89.1	0.00	78.2	0.00	9337.15
08:20:05	2208.92	88.7	0.00	78.2	0.00	9335.28
08:20:10	2207.81	88.6	0.00	78.2	0.00	9334.37
08:20:20	2205.86	89.0	0.00	78.2	0.00	9332.54
08:20:25	2204.50	89.0	0.00	78.2	0.00	9331.62
08:20:35	2202.27	89.3	0.00	78.2	0.00	9329.86
08:20:45	2199.64	89.2	0.00	78.2	0.00	9328.24
08:20:50	2199.25	89.5	0.00	78.2	0.00	9327.34
08:21:00	2196.64	89.3	0.00	78.2	0.00	9326.05
08:21:05	2196.21	88.9	0.00	78.2	0.00	9325.50
08:21:15	2194.54	88.9	0.00	78.2	0.00	9324.37
08:21:20	2193.61	88.7	0.00	78.2	0.00	9323.77
08:21:30	2192.04	89.1	0.00	78.2	0.00	9322.73
08:21:35	2191.57	89.3	0.00	78.2	0.00	9322.03
08:21:45	2189.75	89.0	0.00	78.2	0.00	9320.81
08:21:50	2188.61	88.8	0.00	78.2	0.00	9320.23
08:22:00	2187.34	88.9	0.00	78.2	0.00	9319.02
08:22:05	2186.70	89.2	0.00	78.2	0.00	9318.49
08:22:15	2184.74	88.5	0.00	78.3	0.00	9317.16
08:22:20	2184.23	88.6	0.00	78.3	0.00	9316.57
08:22:30	2183.16	89.4	0.00	78.3	0.00	9315.15
08:22:35	2182.01	88.8	0.00	78.3	0.00	9314.50
08:22:45	2180.34	88.8	0.00	78.3	0.00	9313.24
08:22:55	2178.88	89.1	0.00	78.3	0.00	9311.40
08:23:00	2177.92	89.3	0.00	78.3	0.00	9310.54
08:23:10	2175.96	88.9	0.00	78.3	0.00	9308.18
08:23:15	2173.30	88.7	0.00	78.3	0.00	9307.85
08:23:30	2170.48	89.0	0.00	78.3	0.00	9288.27
08:23:35	2163.65	88.9	0.00	78.3	0.00	9302.45
08:23:45	2165.21	88.5	0.00	78.3	0.00	9281.52
08:23:50	2132.74	89.0	0.00	78.3	0.00	9248.24
08:24:00	2089.22	89.5	0.00	78.3	0.00	9207.12
08:24:05	2061.12	88.9	0.00	78.3	0.00	9191.75
08:24:15	2048.08	89.2	0.00	78.2	0.00	9165.99
08:24:20	2016.41	88.8	0.00	78.3	0.00	9155.44
08:24:30	2009.94	89.2	0.00	78.3	0.00	9133.88
08:24:35	1993.36	89.3	0.00	78.2	0.00	9124.14
08:24:45	1979.96	89.4	0.00	78.2	0.00	9106.77
08:24:55	1949.43	88.8	0.00	78.2	0.00	9082.24
08:25:00	1938.51	88.8	0.00	78.2	0.00	9080.93
08:25:10	1931.92	88.9	0.00	78.2	0.00	9058.55
08:25:15	1913.52	88.9	0.00	78.3	0.00	9045.65
08:25:25	1888.35	89.2	0.00	78.3	0.00	9025.70
08:25:30	1896.61	89.2	0.00	78.3	0.00	9016.70
08:25:40	1866.09	89.4	0.00	78.3	0.00	9001.62
08:25:45	1879.03	89.1	0.00	78.3	0.00	8996.29

Draw Down

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
08:25:55	1853.93	89.1	0.00	78.3	0.00	0.0	8983.23	321.0
08:26:00	1863.39	88.9	0.00	78.4	0.00	0.0	8977.46	321.0
08:26:10	1843.44	88.8	0.00	78.4	0.00	0.0	8967.05	321.0
08:26:15	1845.70	88.8	0.00	78.4	0.00	0.0	8962.62	321.0
08:26:25	1834.18	89.1	0.00	78.5	0.00	0.0	8953.72	321.0
08:26:30	1830.77	89.3	0.00	78.5	0.00	0.0	8950.06	321.0
08:26:40	1825.15	89.0	0.00	78.5	0.00	0.0	8941.53	321.0
08:26:45	1817.88	89.1	0.00	78.6	0.00	0.0	8937.27	321.0
08:26:55	1814.18	88.8	0.00	78.6	0.00	0.0	8929.38	321.0
08:27:05	1805.02	89.4	0.00	78.7	0.00	0.0	8922.07	321.0
08:27:10	1802.46	89.4	0.00	78.7	0.00	0.0	8919.15	321.0
08:27:20	1799.16	88.9	0.00	78.8	0.00	0.0	8916.49	321.0
08:27:25	1797.83	89.0	0.00	78.8	0.00	0.0	8913.81	321.0
08:27:35	1793.25	89.0	0.00	78.9	0.00	0.0	8907.89	321.0
08:27:40	1788.66	89.2	0.00	78.9	0.00	0.0	8905.55	321.0
08:27:50	1783.90	88.8	0.00	79.0	0.00	0.0	8899.33	321.0
08:27:55	1781.59	89.0	0.00	79.0	0.00	0.0	8896.77	321.0
08:28:05	1776.31	88.9	0.00	79.1	0.00	0.0	8891.68	321.0
08:28:10	1775.00	88.8	0.00	79.1	0.00	0.0	8889.76	321.0
08:28:20	1770.47	89.2	0.00	79.2	0.00	0.0	8885.09	321.0
08:28:25	1770.18	89.3	0.00	79.2	0.00	0.0	8883.07	321.0
08:28:35	1767.91	89.1	0.00	79.3	0.00	0.0	8879.31	321.0
08:28:40	1764.77	88.9	0.00	79.4	0.00	0.0	8877.54	321.0
08:28:50	1761.84	89.2	0.00	79.5	0.00	0.0	8873.28	321.0
08:29:00	1758.06	88.7	0.00	79.5	0.00	0.0	8869.02	321.0
08:29:05	1755.61	89.0	0.00	79.5	0.00	0.0	8867.24	321.0
08:29:15	1752.40	89.5	0.00	79.6	0.00	0.0	8862.46	321.0
08:29:20	1749.49	88.8	0.00	79.7	0.00	0.0	8860.63	321.0
08:29:30	1746.88	89.5	0.00	79.7	0.00	0.0	8857.09	321.0
08:29:35	1744.14	89.5	0.00	79.8	0.00	0.0	8855.37	321.0
08:29:45	1741.52	89.3	0.00	79.8	0.00	0.0	8850.90	321.0
08:29:50	1738.41	89.4	0.00	79.9	0.00	0.0	8848.70	321.0
08:30:00	1735.44	89.0	0.00	80.0	0.00	0.0	8844.64	321.0
08:30:05	1733.08	88.5	0.00	80.0	0.00	0.0	8842.56	321.0
08:30:15	1729.30	89.3	0.00	80.1	0.00	0.0	8839.93	321.0
08:30:20	1728.78	89.0	0.00	80.2	0.00	0.0	8837.21	321.0
08:30:30	1724.81	88.9	0.00	80.2	0.00	0.0	8834.00	321.0
08:30:35	1724.09	88.8	0.00	80.3	0.00	0.0	8832.21	321.0
08:30:45	1720.44	89.5	0.00	80.4	0.00	0.0	8828.65	321.0
08:30:50	1719.95	89.1	0.00	80.4	0.00	0.0	8827.10	321.0
08:31:00	1716.79	89.5	0.00	80.5	0.00	0.0	8824.84	321.0
08:31:15	1712.70	89.1	0.00	80.6	0.00	0.0	8819.65	321.0
08:31:20	1712.84	88.8	0.00	80.7	0.00	0.0	8817.88	321.0
08:31:30	1708.88	89.5	0.00	80.7	0.00	0.0	8814.51	321.0
08:31:35	1707.61	89.2	0.00	80.7	0.00	0.0	8813.00	321.0
08:31:45	1704.98	88.7	0.00	80.8	0.00	0.0	8809.64	321.0
08:31:50	1702.29	89.1	0.00	80.9	0.00	0.0	8807.83	321.0
08:32:00	1701.18	89.5	0.00	80.9	0.00	0.0	8804.95	321.0
08:32:05	1697.79	89.5	0.00	81.0	0.00	0.0	8803.09	321.0
08:32:15	1696.31	89.2	0.00	81.1	0.00	0.0	8800.27	321.0

Date 06/05/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.	HP QUARTZ PRES psia	TEMP DegF
08:32:20	1693.21	89.1	0.00	81.1	0.00	0.0	8798.98	321.0
08:32:30	1692.28	88.9	0.00	81.2	0.00	0.0	8796.02	321.0
08:32:40	1689.69	88.7	0.00	81.3	0.00	0.0	8792.57	321.0
08:32:50	1686.12	88.8	0.00	81.4	0.00	0.0	8789.43	321.0
08:33:00	1683.12	88.8	0.00	81.4	0.00	0.0	8786.42	321.0
08:33:10	1681.37	89.6	0.00	81.5	0.00	0.0	8783.63	321.0
08:33:20	1678.24	88.7	0.00	81.6	0.00	0.0	8780.67	321.0
08:33:30	1677.96	89.2	0.00	81.7	0.00	0.0	8779.08	321.0
08:33:40	1676.90	89.7	0.00	81.8	0.00	0.0	8777.95	321.0
08:33:50	1675.69	89.2	0.00	81.8	0.00	0.0	8775.56	321.0
08:34:00	1670.71	88.9	0.00	81.9	0.00	0.0	8771.34	321.0
08:34:10	1668.73	89.1	0.00	82.0	0.00	0.0	8768.40	321.0
08:34:20	1666.94	90.0	0.00	82.0	0.00	0.0	8765.25	321.0
08:34:30	1663.49	89.9	0.00	82.1	0.00	0.0	8762.71	321.0
08:34:40	1661.57	89.5	0.00	82.2	0.00	0.0	8760.24	321.0
08:34:50	1659.28	89.0	0.00	82.3	0.00	0.0	8757.57	321.0
08:35:00	1657.11	89.5	0.00	82.3	0.00	0.0	8754.73	321.0
08:35:30	1656.11	89.5	0.00	82.5	0.00	0.0	8752.49	321.0
08:36:00	1651.84	89.7	0.00	82.7	0.00	0.0	8749.29	321.0
08:36:30	1649.60	89.4	0.00	82.9	0.00	0.0	8742.55	321.0
08:37:00	1642.57	90.5	0.00	83.1	0.00	0.0	8735.24	321.0
08:37:30	1633.05	90.1	0.00	83.3	0.00	0.0	8724.08	321.0
08:38:00	1624.81	89.3	0.00	83.5	0.00	0.0	8714.87	321.0
08:38:30	1618.93	89.9	0.00	83.6	0.00	0.0	8707.61	321.0
08:39:00	1612.35	89.3	0.00	83.8	0.00	0.0	8700.50	321.0
08:39:30	1606.43	89.3	0.00	83.9	0.00	0.0	8693.93	321.0
08:40:00	1600.98	89.6	0.00	84.1	0.00	0.0	8687.33	321.0
08:40:30	1595.93	89.5	0.00	84.3	0.00	0.0	8680.80	321.0
08:41:00	1593.45	89.1	0.00	84.4	0.00	0.0	8677.96	321.0
08:41:30	1592.05	88.8	0.00	84.6	0.00	0.0	8674.74	321.0
08:42:00	1585.71	90.3	0.00	84.8	0.00	0.0	8666.41	321.0
08:42:30	1579.69	90.0	0.00	85.0	0.00	0.0	8660.60	321.0
08:43:00	1574.22	89.5	0.00	85.1	0.00	0.0	8655.00	321.0
08:43:30	1570.06	89.1	0.00	85.3	0.00	0.0	8650.12	321.0
08:44:00	1567.36	90.2	0.00	85.4	0.00	0.0	8645.62	321.0
08:44:30	1564.74	89.4	0.00	85.7	0.00	0.0	8643.01	321.0
08:45:00	1564.10	89.7	0.00	85.8	0.00	0.0	8641.38	321.0
08:45:30	1561.71	89.7	0.00	85.9	0.00	0.0	8639.04	321.0
08:46:00	1560.20	90.0	0.00	86.1	0.00	0.0	8637.16	321.0
08:46:30	1561.37	90.1	0.00	86.3	0.00	0.0	8636.88	321.0
08:47:00	1560.73	89.6	0.00	86.4	0.00	0.0	8635.67	321.0
08:48:00	1559.02	90.3	0.00	86.7	0.00	0.0	8632.60	321.0
08:49:00	1552.96	89.6	0.00	87.0	0.00	0.0	8626.17	321.0
08:50:00	1548.96	90.1	0.00	87.2	0.00	0.0	8621.07	321.0
08:51:00	1544.58	90.1	0.00	87.5	0.00	0.0	8614.65	321.0
08:52:00	1540.23	89.6	0.00	87.7	0.00	0.0	8609.87	321.0
08:53:00	1536.97	90.5	0.00	87.9	0.00	0.0	8605.99	321.0
08:54:00	1535.30	90.2	0.00	88.3	0.00	0.0	8602.38	321.0
08:55:00	1528.50	88.5	0.00	88.6	0.00	0.0	8596.78	321.0
08:56:00	1518.78	89.6	0.00	88.8	0.00	0.0	8584.09	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
08:57:00	1517.38	89.0	0.00	89.1	0.00	0.0	8581.76	321.0
08:58:00	1517.41	90.1	0.00	89.3	0.00	0.0	8580.00	321.0
08:59:00	1514.75	91.0	0.00	89.5	0.00	0.0	8577.08	321.0
09:00:00	1510.81	90.0	0.00	89.8	0.00	0.0	8572.65	321.0
09:01:00	1507.55	90.1	0.00	90.1	0.00	0.0	8568.44	321.0
09:02:00	1502.35	90.1	0.00	90.3	0.00	0.0	8564.31	321.0
09:03:00	1501.84	91.3	0.00	90.5	0.00	0.0	8560.14	321.0
09:04:00	1497.21	90.8	0.00	90.8	0.00	0.0	8555.76	321.0
09:05:00	1495.16	89.9	0.00	91.1	0.00	0.0	8552.34	321.0
09:06:00	1493.90	89.8	0.00	91.3	0.00	0.0	8548.38	321.0
09:07:00	1489.74	91.5	0.00	91.5	0.00	0.0	8545.00	321.0
09:08:00	1486.44	89.5	0.00	91.7	0.00	0.0	8541.14	321.0
09:09:00	1482.31	90.2	0.00	91.9	0.00	0.0	8537.26	321.0
09:10:00	1477.99	89.1	0.00	92.1	0.00	0.0	8532.29	321.0
09:11:00	1476.18	93.2	0.00	92.3	0.00	0.0	8527.29	321.0
09:12:00	1471.86	90.1	0.00	92.6	0.00	0.0	8523.03	321.0
09:13:00	1468.27	88.5	0.00	92.9	0.00	0.0	8518.65	321.0
09:14:00	1464.07	91.0	0.00	93.2	0.00	0.0	8514.42	321.0
09:15:00	1460.11	89.7	0.00	93.4	0.00	0.0	8510.48	321.0
09:16:00	1455.87	91.0	0.00	93.5	0.00	0.0	8505.69	321.0
09:17:00	1453.48	89.0	0.00	93.9	0.00	0.0	8501.06	321.0
09:18:00	1449.63	91.5	0.00	94.0	0.00	0.0	8497.63	321.0
09:19:00	1446.94	89.3	0.00	94.3	0.00	0.0	8493.57	321.0
09:20:00	1443.95	92.1	0.00	94.4	0.00	0.0	8489.49	321.0
09:21:00	1438.86	89.4	0.00	94.7	0.00	0.0	8485.12	321.0
09:22:00	1439.48	92.5	0.00	94.8	0.00	0.0	8482.07	321.0
09:23:00	1434.03	89.1	0.00	95.1	0.00	0.0	8478.54	321.0
09:24:00	1431.27	92.5	0.00	95.3	0.00	0.0	8474.47	321.0
09:25:00	1430.08	90.0	0.00	95.5	0.00	0.0	8470.83	321.0
09:26:00	1426.46	91.3	0.00	95.6	0.00	0.0	8467.26	321.0
09:27:00	1424.40	92.6	0.00	95.8	0.00	0.0	8463.53	321.0
09:28:00	1419.62	88.8	0.00	96.1	0.00	0.0	8460.44	321.0
09:29:00	1417.27	89.4	0.00	96.4	0.00	0.0	8456.87	321.0
09:30:00	1413.88	90.4	0.00	96.7	0.00	0.0	8453.29	321.0
09:31:00	1413.45	92.5	0.00	96.9	0.00	0.0	8450.70	321.0
09:32:00	1410.49	93.4	0.00	97.0	0.00	0.0	8447.47	321.0
09:33:00	1408.61	93.8	0.00	97.3	0.00	0.0	8444.18	321.0
09:34:00	1403.89	89.2	0.00	97.5	0.00	0.0	8440.64	321.0
09:35:00	1403.41	91.9	0.00	97.7	0.00	0.0	8437.62	321.0
09:36:00	1401.23	92.3	0.00	98.0	0.00	0.0	8434.84	321.0
09:37:00	1396.40	90.3	0.00	98.3	0.00	0.0	8431.16	321.0
09:38:00	1395.19	92.3	0.00	98.4	0.00	0.0	8428.79	321.0
09:39:00	1391.56	93.6	0.00	98.6	0.00	0.0	8425.23	321.0
09:40:00	1390.95	89.9	0.00	98.8	0.00	0.0	8421.99	321.0
09:41:00	1387.59	91.5	0.00	99.0	0.00	0.0	8418.99	321.0
09:42:00	1385.29	92.7	0.00	99.2	0.00	0.0	8415.73	321.0
09:43:00	1382.68	91.9	0.00	99.4	0.00	0.0	8412.43	321.0
09:44:00	1381.43	90.3	0.00	99.7	0.00	0.0	8409.78	321.0
09:45:00	1377.08	89.5	0.00	99.8	0.00	0.0	8406.47	321.0
09:45:30	1373.61	89.8	0.00	99.8	0.00	0.0	8404.70	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
09:45:35	1373.96	88.8	0.00	99.8	0.00	0.0	8404.38	321.0
09:45:45	1374.80	90.1	0.00	99.8	0.00	0.0	8403.84	321.0
09:45:55	1380.19	93.6	0.00	99.9	0.00	0.0	8403.15	321.0
09:46:00	1376.79	93.4	0.00	100.0	0.00	0.0	8402.92	321.0
09:46:10	1376.58	92.0	0.00	100.0	0.00	0.0	8402.57	321.0
09:46:15	1373.51	90.5	0.00	99.9	0.00	0.0	8402.74	321.0
09:46:25	1375.83	91.4	0.00	100.0	0.00	0.0	8402.10	321.0
09:46:30	1372.48	90.0	0.00	99.9	0.00	0.0	8401.79	321.0
09:46:40	1374.66	90.8	0.00	100.0	0.00	0.0	8401.46	321.0
09:46:45	1372.03	90.0	0.00	99.9	0.00	0.0	8400.96	321.0
09:46:55	1374.73	93.3	0.00	100.1	0.00	0.0	8400.84	321.0
09:47:00	1372.43	90.1	0.00	100.0	0.00	0.0	8400.81	321.0
09:47:15	1372.24	91.5	0.00	100.1	0.00	0.0	8399.74	321.0
09:47:20	1372.66	92.7	0.00	100.2	0.00	0.0	8399.93	321.0
09:47:30	1371.20	90.6	0.00	100.1	0.00	0.0	8399.34	321.0
09:47:35	1372.57	92.8	0.00	100.2	0.00	0.0	8399.06	321.0
09:47:45	1370.98	90.6	0.00	100.2	0.00	0.0	8398.53	321.0
09:47:50	1371.35	91.2	0.00	100.3	0.00	0.0	8398.27	321.0
09:48:00	1371.51	90.9	0.00	100.2	0.00	0.0	8397.99	321.0
09:48:10	1368.95	89.6	0.00	100.3	0.00	0.0	8397.08	321.0
09:48:15	1371.07	91.9	0.00	100.3	0.00	0.0	8397.17	321.0
09:48:25	1369.08	90.2	0.00	100.3	0.00	0.0	8396.52	321.0
09:48:30	1369.64	92.4	0.00	100.4	0.00	0.0	8396.76	321.0
09:48:40	1368.98	90.9	0.00	100.4	0.00	0.0	8395.80	321.0
09:48:45	1369.67	92.4	0.00	100.5	0.00	0.0	8395.48	321.0
09:48:55	1368.40	90.9	0.00	100.4	0.00	0.0	8395.05	321.0
09:49:00	1368.81	91.1	0.00	100.5	0.00	0.0	8394.79	321.0
09:49:10	1368.17	91.5	0.00	100.5	0.00	0.0	8394.77	321.0
09:49:15	1367.64	91.9	0.00	100.5	0.00	0.0	8394.46	321.0
09:49:25	1367.54	90.7	0.00	100.6	0.00	0.0	8394.09	321.0
09:49:30	1366.77	91.3	0.00	100.6	0.00	0.0	8393.72	321.0
09:49:40	1367.60	90.1	0.00	100.6	0.00	0.0	8393.36	321.0
09:49:45	1366.94	91.7	0.00	100.7	0.00	0.0	8393.29	321.0
09:49:55	1367.28	91.0	0.00	100.7	0.00	0.0	8392.34	321.0
09:50:05	1364.77	90.1	0.00	100.8	0.00	0.0	8392.05	321.0
09:50:10	1365.32	89.5	0.00	100.8	0.00	0.0	8391.61	321.0
09:50:20	1364.59	89.9	0.00	100.8	0.00	0.0	8391.42	321.0
09:50:25	1365.38	91.2	0.00	100.8	0.00	0.0	8391.07	321.0
09:50:35	1364.67	90.4	0.00	100.9	0.00	0.0	8390.60	321.0
09:50:40	1364.87	92.3	0.00	100.9	0.00	0.0	8390.66	321.0
09:50:50	1363.61	91.6	0.00	100.9	0.00	0.0	8390.06	321.0
09:50:55	1364.33	92.0	0.00	101.0	0.00	0.0	8389.95	321.0
09:51:05	1364.57	93.1	0.00	101.0	0.00	0.0	8389.45	321.0
09:51:10	1364.21	92.7	0.00	101.0	0.00	0.0	8389.03	321.0
09:51:20	1362.73	89.6	0.00	101.1	0.00	0.0	8388.80	321.0
09:51:25	1363.80	91.5	0.00	101.1	0.00	0.0	8388.34	321.0
09:51:35	1363.69	92.3	0.00	101.1	0.00	0.0	8388.30	321.0
09:51:40	1362.09	90.8	0.00	101.1	0.00	0.0	8387.59	321.0
09:51:50	1362.38	89.9	0.00	101.2	0.00	0.0	8386.96	321.0
09:51:55	1363.03	92.4	0.00	101.2	0.00	0.0	8386.89	321.0

Date	PANEX		PANEX		.	.	HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
09:52:05	1360.96	92.6	0.00	101.2	0.00	0.0	8386.38	321.0
09:52:15	1360.01	90.9	0.00	101.3	0.00	0.0	8386.02	321.0
09:52:20	1362.22	91.5	0.00	101.2	0.00	0.0	8385.91	321.0
09:52:30	1362.07	92.3	0.00	101.4	0.00	0.0	8385.58	321.0
09:52:35	1360.92	90.4	0.00	101.4	0.00	0.0	8385.31	321.0
09:52:45	1360.53	90.1	0.00	101.4	0.00	0.0	8384.72	321.0
09:52:50	1361.68	92.0	0.00	101.4	0.00	0.0	8384.63	321.0
09:53:00	1359.43	92.6	0.00	101.5	0.00	0.0	8384.33	321.0
09:53:05	1360.44	90.8	0.00	101.5	0.00	0.0	8384.33	321.0
09:53:10	1359.38	89.8	0.00	101.5	0.00	0.0	8383.81	321.0
09:53:15	1359.67	90.9	0.00	101.5	0.00	0.0	8383.96	321.0
09:53:25	1359.76	93.0	0.00	101.5	0.00	0.0	8383.39	321.0
09:53:30	1359.00	91.0	0.00	101.6	0.00	0.0	8383.60	321.0
09:53:40	1357.77	92.5	0.00	101.6	0.00	0.0	8383.19	321.0
09:53:45	1359.04	90.1	0.00	101.6	0.00	0.0	8383.07	321.0
09:54:00	1358.75	91.6	0.00	101.6	0.00	0.0	8382.06	321.0
09:54:10	1358.39	91.6	0.00	101.7	0.00	0.0	8381.92	321.0
09:54:20	1358.01	91.1	0.00	101.7	0.00	0.0	8381.62	321.0
09:54:30	1356.58	91.2	0.00	101.8	0.00	0.0	8381.04	321.0
09:54:40	1359.03	92.3	0.00	101.8	0.00	0.0	8380.53	321.0
09:54:50	1357.47	92.1	0.00	101.8	0.00	0.0	8380.44	321.0
09:55:00	1355.90	90.8	0.00	101.8	0.00	0.0	8379.92	321.0
09:55:20	1355.35	90.5	0.00	101.9	0.00	0.0	8378.87	321.0
09:55:30	1355.50	93.0	0.00	102.0	0.00	0.0	8378.67	321.0
09:55:40	1354.68	89.9	0.00	102.0	0.00	0.0	8378.21	321.0
09:55:50	1354.05	91.0	0.00	102.1	0.00	0.0	8377.87	321.0
09:56:00	1355.25	92.9	0.00	102.1	0.00	0.0	8377.39	321.0
09:56:05	1354.53	90.5	0.00	102.1	0.00	0.0	8377.00	321.0
09:56:15	1353.29	91.7	0.00	102.2	0.00	0.0	8376.13	321.0
09:56:20	1353.53	90.6	0.00	102.2	0.00	0.0	8375.92	321.0
09:56:30	1351.75	91.7	0.00	102.3	0.00	0.0	8374.43	321.0
09:56:35	1350.64	92.7	0.00	102.3	0.00	0.0	8373.93	321.0
09:56:45	1352.66	90.8	0.00	102.2	0.00	0.0	8374.58	321.0
09:56:55	1353.90	90.6	0.00	102.3	0.00	0.0	8374.61	321.0
09:57:00	1350.94	90.7	0.00	102.3	0.00	0.0	8373.90	321.0
09:57:10	1352.61	90.9	0.00	102.3	0.00	0.0	8374.16	321.0
09:57:15	1351.39	92.3	0.00	102.4	0.00	0.0	8373.96	321.0
09:57:25	1352.35	92.0	0.00	102.3	0.00	0.0	8373.38	321.0
09:57:30	1350.71	93.5	0.00	102.4	0.00	0.0	8373.76	321.0
09:57:40	1352.13	90.9	0.00	102.4	0.00	0.0	8372.84	321.0
09:57:45	1351.26	92.5	0.00	102.5	0.00	0.0	8372.78	321.0
09:57:55	1350.85	90.9	0.00	102.4	0.00	0.0	8372.53	321.0
09:58:00	1350.89	92.5	0.00	102.4	0.00	0.0	8372.46	321.0
09:58:10	1350.94	92.8	0.00	102.4	0.00	0.0	8372.15	321.0
09:58:15	1349.83	92.6	0.00	102.5	0.00	0.0	8371.80	321.0
09:58:25	1349.82	91.6	0.00	102.4	0.00	0.0	8371.76	321.0
09:58:30	1350.73	92.6	0.00	102.5	0.00	0.0	8371.64	321.0
09:58:40	1349.22	90.7	0.00	102.5	0.00	0.0	8371.10	321.0
09:58:50	1349.19	90.6	0.00	102.5	0.00	0.0	8370.99	321.0
09:58:55	1350.09	92.8	0.00	102.5	0.00	0.0	8370.26	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
09:59:05	1348.57	90.4	0.00	102.6	0.00	0.0	8370.11	321.0
09:59:10	1348.20	91.1	0.00	102.5	0.00	0.0	8369.98	321.0
09:59:20	1348.99	91.1	0.00	102.6	0.00	0.0	8369.47	321.0
09:59:25	1350.29	92.5	0.00	102.6	0.00	0.0	8369.30	321.0
09:59:35	1347.61	90.3	0.00	102.7	0.00	0.0	8368.87	321.0
09:59:40	1348.40	93.0	0.00	102.7	0.00	0.0	8368.80	321.0
09:59:50	1348.44	92.7	0.00	102.7	0.00	0.0	8368.44	321.0
09:59:55	1347.79	90.1	0.00	102.8	0.00	0.0	8368.15	321.0
10:00:05	1348.89	92.7	0.00	102.8	0.00	0.0	8367.89	321.0
10:00:10	1348.50	90.4	0.00	102.8	0.00	0.0	8367.74	321.0
10:00:20	1345.89	90.8	0.00	102.8	0.00	0.0	8368.01	321.0
10:00:25	1348.14	92.1	0.00	102.9	0.00	0.0	8367.12	321.0
10:00:35	1347.35	90.2	0.00	102.9	0.00	0.0	8366.91	321.0
10:00:40	1345.32	90.7	0.00	103.0	0.00	0.0	8367.21	321.0
10:00:50	1349.14	93.0	0.00	103.0	0.00	0.0	8366.57	321.0
10:01:00	1347.61	90.9	0.00	103.1	0.00	0.0	8366.37	321.0
10:01:10	1346.46	92.0	0.00	103.0	0.00	0.0	8366.33	321.0
10:01:20	1346.56	92.6	0.00	103.1	0.00	0.0	8365.87	321.0
10:01:30	1343.90	91.8	0.00	103.1	0.00	0.0	8365.04	321.0
10:01:40	1345.26	93.1	0.00	103.1	0.00	0.0	8364.80	321.0
10:01:50	1345.44	90.7	0.00	103.2	0.00	0.0	8364.41	321.0
10:02:00	1346.34	91.6	0.00	103.2	0.00	0.0	8364.22	321.0
10:02:10	1344.12	90.2	0.00	103.2	0.00	0.0	8363.67	321.0
10:02:20	1342.88	91.9	0.00	103.3	0.00	0.0	8363.28	321.0
10:02:30	1344.28	91.1	0.00	103.3	0.00	0.0	8362.85	321.0
10:02:40	1344.40	92.4	0.00	103.4	0.00	0.0	8362.69	321.0
10:02:50	1343.60	90.8	0.00	103.3	0.00	0.0	8362.40	321.0
10:03:00	1341.83	91.9	0.00	103.4	0.00	0.0	8361.74	321.0
10:03:10	1343.72	93.3	0.00	103.4	0.00	0.0	8361.50	321.0
10:03:20	1340.65	91.1	0.00	103.5	0.00	0.0	8360.81	321.0
10:03:30	1341.92	90.7	0.00	103.5	0.00	0.0	8360.68	321.0
10:04:00	1340.67	92.7	0.00	103.6	0.00	0.0	8359.62	321.0
10:04:30	1338.61	90.2	0.00	103.6	0.00	0.0	8358.56	321.0
10:05:00	1339.06	92.0	0.00	103.8	0.00	0.0	8356.62	321.0
10:05:30	1338.21	92.5	0.00	103.8	0.00	0.0	8356.04	321.0
10:06:00	1339.20	92.6	0.00	103.9	0.00	0.0	8354.90	321.0
10:06:30	1337.28	92.3	0.00	104.1	0.00	0.0	8353.45	321.0
10:07:00	1334.59	91.8	0.00	104.2	0.00	0.0	8352.79	321.0
10:07:30	1336.61	92.4	0.00	104.2	0.00	0.0	8351.31	321.0
10:08:00	1334.52	91.6	0.00	104.3	0.00	0.0	8350.41	321.0
10:09:00	1333.76	93.0	0.00	104.5	0.00	0.0	8348.59	321.0
10:10:00	1332.18	92.5	0.00	104.7	0.00	0.0	8346.65	321.0
10:11:00	1330.74	91.8	0.00	104.8	0.00	0.0	8344.66	321.0
10:12:00	1328.77	93.0	0.00	105.0	0.00	0.0	8342.79	321.0
10:13:00	1326.03	91.0	0.00	105.2	0.00	0.0	8340.69	321.0
10:14:00	1326.35	91.1	0.00	105.3	0.00	0.0	8338.68	321.0
10:15:00	1323.28	91.9	0.00	105.5	0.00	0.0	8336.38	321.0
10:16:00	1322.21	91.1	0.00	105.7	0.00	0.0	8333.92	321.0
10:17:00	1320.67	91.6	0.00	106.0	0.00	0.0	8331.43	321.0
10:18:00	1317.37	91.4	0.00	106.2	0.00	0.0	8329.63	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
10:19:00	1317.55	92.8	0.00	106.3	0.00	0.0	8328.10	321.0
10:20:00	1316.33	92.8	0.00	106.4	0.00	0.0	8325.42	321.0
10:21:00	1313.09	92.1	0.00	106.7	0.00	0.0	8323.52	321.0
10:22:00	1312.71	91.8	0.00	106.8	0.00	0.0	8320.95	321.0
10:23:00	1310.85	91.6	0.00	107.0	0.00	0.0	8319.72	321.0
10:24:00	1309.70	91.4	0.00	107.3	0.00	0.0	8317.64	321.0
10:25:00	1309.05	91.6	0.00	107.5	0.00	0.0	8315.84	321.0
10:26:00	1306.63	91.5	0.00	107.5	0.00	0.0	8313.29	321.0
10:27:00	1306.34	91.9	0.00	107.7	0.00	0.0	8312.02	321.0
10:28:00	1304.13	90.3	0.00	107.9	0.00	0.0	8310.03	321.0
10:29:00	1303.70	91.6	0.00	108.0	0.00	0.0	8308.23	321.0
10:30:00	1300.81	91.4	0.00	108.2	0.00	0.0	8306.29	321.0
10:31:00	1300.49	91.2	0.00	108.4	0.00	0.0	8304.31	321.0
10:32:00	1299.95	92.8	0.00	108.5	0.00	0.0	8302.51	321.0
10:33:00	1297.23	91.2	0.00	108.6	0.00	0.0	8300.41	321.0
10:34:00	1295.95	93.1	0.00	108.8	0.00	0.0	8299.22	321.0
10:35:00	1295.11	91.4	0.00	109.1	0.00	0.0	8297.19	321.0
10:36:00	1292.74	92.3	0.00	109.3	0.00	0.0	8295.20	321.0
10:37:00	1291.48	91.9	0.00	109.6	0.00	0.0	8293.23	321.0
10:38:00	1290.65	92.9	0.00	109.6	0.00	0.0	8291.37	321.0
10:39:00	1290.08	93.0	0.00	109.7	0.00	0.0	8289.69	321.0
10:40:00	1288.10	92.1	0.00	109.9	0.00	0.0	8288.45	321.0
10:41:00	1286.08	92.1	0.00	110.1	0.00	0.0	8285.91	321.0
10:42:00	1285.08	93.0	0.00	110.4	0.00	0.0	8284.35	321.0
10:43:00	1284.00	93.5	0.00	110.5	0.00	0.0	8282.74	321.0
10:44:00	1283.01	92.0	0.00	110.8	0.00	0.0	8281.10	321.0
10:45:00	1282.51	93.0	0.00	110.8	0.00	0.0	8279.40	321.0
10:46:00	1280.75	91.4	0.00	111.1	0.00	0.0	8277.77	321.0
10:47:00	1279.15	93.5	0.00	111.1	0.00	0.0	8276.19	321.0
10:48:00	1278.20	92.4	0.00	111.3	0.00	0.0	8274.40	321.0
10:49:00	1276.28	92.7	0.00	111.5	0.00	0.0	8272.62	321.0
10:50:00	1275.27	93.2	0.00	111.7	0.00	0.0	8271.77	321.0
10:51:00	1275.27	92.3	0.00	111.8	0.00	0.0	8270.11	321.0
10:52:00	1273.39	93.6	0.00	111.8	0.00	0.0	8268.17	321.0
10:53:00	1272.47	93.0	0.00	112.1	0.00	0.0	8266.58	321.0
10:54:00	1271.41	92.2	0.00	112.2	0.00	0.0	8264.62	321.0
10:55:00	1269.72	92.8	0.00	112.3	0.00	0.0	8263.09	321.0
10:56:00	1268.84	94.0	0.00	112.4	0.00	0.0	8261.99	321.0
10:57:00	1267.83	93.5	0.00	112.5	0.00	0.0	8260.52	321.0
10:58:00	1266.03	93.5	0.00	112.7	0.00	0.0	8258.85	321.0
10:59:00	1265.77	92.4	0.00	112.9	0.00	0.0	8257.55	321.0
11:00:00	1264.65	93.1	0.00	113.0	0.00	0.0	8256.33	321.0
11:01:00	1264.10	93.8	0.00	113.2	0.00	0.0	8254.80	321.0
11:02:00	1262.37	93.9	0.00	113.3	0.00	0.0	8253.31	321.0
11:03:00	1262.25	94.2	0.00	113.5	0.00	0.0	8252.70	321.0
11:04:00	1261.05	94.2	0.00	113.7	0.00	0.0	8251.35	321.0
11:05:00	1259.54	92.9	0.00	113.9	0.00	0.0	8249.45	321.0
11:06:00	1258.99	93.9	0.00	113.9	0.00	0.0	8248.08	321.0
11:07:00	1258.12	93.5	0.00	114.2	0.00	0.0	8246.88	321.0
11:08:00	1257.03	94.0	0.00	114.3	0.00	0.0	8245.61	321.0

Date 06/05/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.	HP QUARTZ PRES psia	TEMP DegF
11:09:00	1255.51	93.4	0.00	114.5	0.00	0.0	8244.40	321.0
11:10:00	1254.81	93.5	0.00	114.6	0.00	0.0	8242.97	321.0
11:11:00	1254.35	93.8	0.00	114.7	0.00	0.0	8241.81	321.0
11:12:00	1252.34	93.6	0.00	114.9	0.00	0.0	8240.12	321.0
11:13:00	1252.24	94.4	0.00	115.1	0.00	0.0	8238.61	321.0
11:14:00	1250.23	93.9	0.00	115.3	0.00	0.0	8237.58	321.0
11:15:00	1249.30	93.2	0.00	115.7	0.00	0.0	8234.94	321.0
11:16:00	1248.29	94.3	0.00	115.8	0.00	0.0	8234.64	321.0
11:17:00	1247.10	94.3	0.00	115.9	0.00	0.0	8233.28	321.0
11:18:00	1247.69	94.0	0.00	116.1	0.00	0.0	8233.05	321.0
11:19:00	1245.43	94.3	0.00	116.2	0.00	0.0	8231.68	321.0
11:20:00	1245.91	93.4	0.00	116.3	0.00	0.0	8230.73	321.0
11:21:00	1245.04	92.9	0.00	116.5	0.00	0.0	8229.40	321.0
11:22:00	1243.03	93.5	0.00	116.7	0.00	0.0	8228.45	321.0
11:23:00	1243.63	93.6	0.00	116.8	0.00	0.0	8227.36	321.0
11:24:00	1242.58	93.7	0.00	116.9	0.00	0.0	8226.43	321.0
11:25:00	1240.65	94.2	0.00	117.0	0.00	0.0	8225.20	321.0
11:26:00	1239.85	94.0	0.00	117.2	0.00	0.0	8224.24	321.0
11:27:00	1238.79	93.0	0.00	117.4	0.00	0.0	8223.21	321.0
11:28:00	1238.10	94.2	0.00	117.5	0.00	0.0	8222.48	321.0
11:29:00	1237.78	95.0	0.00	117.7	0.00	0.0	8220.97	321.0
11:30:00	1237.49	93.8	0.00	118.0	0.00	0.0	8219.99	321.0
11:31:00	1236.67	94.2	0.00	118.2	0.00	0.0	8219.05	321.0
11:32:00	1235.67	94.6	0.00	118.3	0.00	0.0	8217.61	321.0
11:33:00	1234.55	94.1	0.00	118.5	0.00	0.0	8216.25	321.0
11:34:00	1235.61	94.7	0.00	118.6	0.00	0.0	8214.80	321.0
11:35:00	1233.02	94.2	0.00	118.7	0.00	0.0	8213.96	321.0
11:36:00	1230.99	94.0	0.00	118.9	0.00	0.0	8212.78	321.0
11:37:00	1230.82	93.9	0.00	119.0	0.00	0.0	8211.55	321.0
11:38:00	1230.26	94.4	0.00	119.1	0.00	0.0	8210.79	321.0
11:39:00	1228.81	94.9	0.00	119.1	0.00	0.0	8209.63	321.0
11:40:00	1228.21	94.6	0.00	119.2	0.00	0.0	8208.08	321.0
11:41:00	1226.71	94.3	0.00	119.4	0.00	0.0	8206.69	321.0
11:42:00	1226.01	93.4	0.00	119.7	0.00	0.0	8205.44	321.0
11:43:00	1223.45	94.6	0.00	119.9	0.00	0.0	8203.64	321.0 power Down
12:02:00	1203.79	95.5	0.00	123.0	0.00	0.0	8177.64	321.0 Power On
12:03:00	1201.37	94.6	0.00	123.2	0.00	0.0	8176.04	321.0
12:04:00	1201.90	95.5	0.00	123.3	0.00	0.0	8174.69	321.0
12:05:00	1199.96	94.8	0.00	123.5	0.00	0.0	8173.72	321.0
12:06:00	1198.15	95.4	0.00	123.6	0.00	0.0	8172.20	321.0
12:07:00	1196.68	94.3	0.00	123.9	0.00	0.0	8171.38	321.0
12:08:00	1198.03	95.5	0.00	124.0	0.00	0.0	8170.37	321.0
12:09:00	1196.33	95.2	0.00	124.1	0.00	0.0	8168.60	321.0
12:10:00	1195.27	95.2	0.00	124.2	0.00	0.0	8168.16	321.0
12:11:00	1194.49	95.1	0.00	124.4	0.00	0.0	8167.03	321.0
12:12:00	1194.84	95.8	0.00	124.5	0.00	0.0	8166.18	321.0
12:13:00	1195.41	95.4	0.00	124.6	0.00	0.0	8165.66	321.0
12:14:00	1192.22	95.2	0.00	124.9	0.00	0.0	8164.46	321.0
12:15:00	1193.18	94.8	0.00	125.0	0.00	0.0	8163.99	321.0
12:16:00	1191.54	94.9	0.00	125.2	0.00	0.0	8163.16	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
12:17:00	1190.48	95.4	0.00	125.3	0.00	0.0	8161.86	321.0
12:18:00	1192.18	95.6	0.00	125.4	0.00	0.0	8161.36	321.0
12:19:00	1191.24	95.2	0.00	125.7	0.00	0.0	8160.68	321.0
12:20:00	1189.77	95.3	0.00	125.8	0.00	0.0	8159.68	321.0
12:21:00	1189.73	94.2	0.00	125.9	0.00	0.0	8159.56	321.0
12:22:00	1190.29	95.3	0.00	126.0	0.00	0.0	8158.57	321.0
12:23:00	1188.96	95.0	0.00	126.1	0.00	0.0	8157.85	321.0
12:24:00	1189.17	95.0	0.00	126.2	0.00	0.0	8157.20	321.0
12:25:00	1187.58	95.2	0.00	126.4	0.00	0.0	8156.88	321.0
12:26:00	1187.39	95.5	0.00	126.7	0.00	0.0	8156.01	321.0
12:27:00	1186.45	96.0	0.00	126.8	0.00	0.0	8155.26	321.0
12:28:00	1185.45	95.1	0.00	127.0	0.00	0.0	8154.32	321.0
12:29:00	1187.07	95.3	0.00	127.1	0.00	0.0	8154.52	321.0
12:30:00	1185.13	94.7	0.00	127.2	0.00	0.0	8153.75	321.0
12:31:00	1185.64	94.7	0.00	127.3	0.00	0.0	8153.62	321.0
12:32:00	1184.48	94.4	0.00	127.4	0.00	0.0	8153.07	321.0
12:33:00	1186.76	95.5	0.00	127.5	0.00	0.0	8152.89	321.0
12:34:00	1186.89	95.5	0.00	127.6	0.00	0.0	8153.08	321.0
12:35:00	1186.60	95.6	0.00	127.6	0.00	0.0	8153.29	321.0
12:36:00	1184.98	95.7	0.00	127.8	0.00	0.0	8153.23	321.0
12:37:00	1186.88	95.3	0.00	128.0	0.00	0.0	8153.21	321.0
12:38:00	1187.35	95.7	0.00	128.1	0.00	0.0	8153.74	321.0
12:39:00	1187.80	96.3	0.00	128.2	0.00	0.0	8152.75	321.0
12:40:00	1186.64	95.3	0.00	128.3	0.00	0.0	8152.71	321.0
12:41:00	1187.62	94.7	0.00	128.5	0.00	0.0	8153.80	321.0
12:42:00	1188.57	95.6	0.00	128.5	0.00	0.0	8154.20	321.0
12:45:00	1189.19	94.8	0.00	128.8	0.00	0.0	8154.61	321.0
12:50:00	1191.01	94.9	0.00	129.4	0.00	0.0	8154.63	321.0
12:55:00	1192.52	94.2	0.00	129.9	0.00	0.0	8156.20	321.0
13:00:00	1195.84	95.2	0.00	130.1	0.00	0.0	8158.17	321.0
13:05:00	1195.18	94.5	0.00	130.9	0.00	0.0	8156.32	321.0
13:10:00	1185.74	95.3	0.00	131.4	0.00	0.0	8146.96	321.0
13:15:00	1178.35	95.2	0.00	132.0	0.00	0.0	8139.04	321.0
13:20:00	1174.46	94.7	0.00	132.4	0.00	0.0	8133.13	321.0
13:25:00	1169.33	94.8	0.00	132.9	0.00	0.0	8126.98	321.0
13:30:00	1166.45	96.1	0.00	133.5	0.00	0.0	8123.45	321.0
13:35:00	1162.81	94.2	0.00	133.9	0.00	0.0	8119.66	321.0
13:40:00	1159.32	94.3	0.00	134.5	0.00	0.0	8115.05	321.0
13:45:00	1156.20	94.8	0.00	134.5	0.00	0.0	8110.84	321.0
13:50:00	1153.78	93.9	0.00	134.9	0.00	0.0	8107.01	321.0
13:55:00	1150.23	94.6	0.00	135.7	0.00	0.0	8104.02	321.0
14:00:00	1149.29	94.6	0.00	136.2	0.00	0.0	8100.54	321.0
14:05:00	1145.13	94.6	0.00	137.1	0.00	0.0	8096.67	321.0
14:10:00	1142.69	94.3	0.00	137.7	0.00	0.0	8093.16	321.0
14:15:00	1139.55	93.5	0.00	138.2	0.00	0.0	8089.49	321.0
14:20:00	1138.12	94.9	0.00	138.9	0.00	0.0	8087.28	321.0
14:25:00	1135.11	93.4	0.00	139.6	0.00	0.0	8083.73	321.0
14:30:00	1132.83	93.8	0.00	139.6	0.00	0.0	8080.71	321.0
14:35:00	1130.10	94.2	0.00	140.2	0.00	0.0	8077.72	321.0
14:40:00	1128.70	93.3	0.00	140.5	0.00	0.0	8074.58	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
14:45:00	1126.23	94.0	0.00	140.8	0.00	0.0	8072.21	321.0
14:50:00	1124.63	93.7	0.00	141.6	0.00	0.0	8069.38	321.0
14:55:00	1122.46	94.1	0.00	141.7	0.00	0.0	8066.67	321.0
15:00:00	1120.85	93.5	0.00	142.2	0.00	0.0	8064.66	321.0
15:05:00	1118.76	94.6	0.00	142.6	0.00	0.0	8061.82	321.0
15:06:00	1118.42	94.1	0.00	142.7	0.00	0.0	8061.18	321.0
15:07:00	1117.42	94.1	0.00	142.7	0.00	0.0	8060.91	321.0
15:08:00	1116.95	93.7	0.00	142.7	0.00	0.0	8060.18	321.0
15:09:00	1116.89	94.1	0.00	142.8	0.00	0.0	8059.49	321.0
15:10:00	1117.29	94.5	0.00	143.0	0.00	0.0	8045.31	321.0
15:11:00	1115.81	93.5	0.00	143.1	0.00	0.0	8058.86	321.0
15:12:00	1116.97	94.0	0.00	143.2	0.00	0.0	8058.28	321.0
15:13:00	1116.41	94.0	0.00	143.2	0.00	0.0	8058.02	321.0
15:14:00	1115.85	94.0	0.00	143.3	0.00	0.0	8057.79	321.0
15:15:00	1115.03	94.4	0.00	143.2	0.00	0.0	8056.93	321.0
15:16:00	1114.39	94.0	0.00	143.3	0.00	0.0	8056.87	321.0
15:17:00	1113.48	93.5	0.00	143.3	0.00	0.0	8056.21	321.0
15:18:00	1113.97	93.7	0.00	143.4	0.00	0.0	8055.25	321.0
15:19:00	1113.64	94.3	0.00	143.5	0.00	0.0	8055.21	321.0
15:20:00	1113.27	93.7	0.00	143.7	0.00	0.0	8054.53	321.0
15:21:00	1114.03	93.7	0.00	143.7	0.00	0.0	8054.41	321.0
15:22:00	1112.21	93.8	0.00	143.8	0.00	0.0	8053.92	321.0
15:23:00	1111.90	94.2	0.00	143.9	0.00	0.0	8053.47	321.0
15:24:00	1112.33	93.8	0.00	143.9	0.00	0.0	8052.92	321.0
15:25:00	1111.41	93.1	0.00	143.8	0.00	0.0	8052.69	321.0
15:26:00	1110.59	94.3	0.00	143.1	0.00	0.0	8052.39	321.0
15:27:00	1111.51	94.6	0.00	142.6	0.00	0.0	8051.61	321.0
15:28:00	1110.29	93.0	0.00	142.7	0.00	0.0	8051.36	321.0
15:29:00	1110.10	94.0	0.00	142.9	0.00	0.0	8050.70	321.0
15:30:00	1110.04	94.6	0.00	143.4	0.00	0.0	8050.31	321.0
15:31:00	1109.33	93.8	0.00	143.7	0.00	0.0	8049.31	321.0
15:32:00	1108.08	94.0	0.00	143.8	0.00	0.0	8049.13	321.0
15:33:00	1109.23	93.5	0.00	143.7	0.00	0.0	8048.80	321.0
15:34:00	1109.50	93.8	0.00	143.9	0.00	0.0	8048.60	321.0
15:35:00	1108.56	93.4	0.00	143.9	0.00	0.0	8048.31	321.0
15:36:00	1108.56	93.5	0.00	143.7	0.00	0.0	8040.87	321.0
15:37:00	1107.37	93.4	0.00	143.7	0.00	0.0	8047.15	321.0
15:38:00	1107.29	93.8	0.00	143.9	0.00	0.0	8045.54	321.0
15:39:00	1106.71	93.5	0.00	144.0	0.00	0.0	8046.41	321.0
15:40:00	1106.52	94.4	0.00	144.2	0.00	0.0	8045.22	321.0
15:41:00	1105.06	93.2	0.00	144.4	0.00	0.0	8026.55	321.0
15:42:00	1105.60	93.2	0.00	144.4	0.00	0.0	8042.92	321.0
15:43:00	1105.59	94.1	0.00	144.4	0.00	0.0	8044.60	321.0
15:44:00	1105.69	93.8	0.00	144.6	0.00	0.0	8027.93	321.0
15:45:00	1105.10	93.4	0.00	144.7	0.00	0.0	8043.99	321.0
15:46:00	1104.52	93.3	0.00	144.8	0.00	0.0	8043.23	321.0
15:47:00	1104.40	94.0	0.00	144.9	0.00	0.0	8043.20	321.0
15:48:00	1104.65	93.5	0.00	144.9	0.00	0.0	8042.67	321.0
15:49:00	1104.19	93.8	0.00	144.9	0.00	0.0	8042.30	321.0
15:50:00	1103.73	93.3	0.00	144.9	0.00	0.0	8041.64	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
15:51:00	1103.91	93.4	0.00	144.8	0.00	0.0	8041.69	321.0
15:52:00	1103.37	93.5	0.00	144.7	0.00	0.0	8041.31	321.0
15:53:00	1102.46	92.9	0.00	144.7	0.00	0.0	8041.02	321.0
15:54:00	1102.23	93.6	0.00	144.7	0.00	0.0	8040.64	321.0
15:55:00	1101.94	93.4	0.00	144.8	0.00	0.0	8040.28	321.0
15:56:00	1101.99	93.2	0.00	145.1	0.00	0.0	8040.06	321.0
15:57:00	1101.47	93.0	0.00	145.1	0.00	0.0	8033.54	321.0
15:58:00	1100.44	93.0	0.00	145.1	0.00	0.0	8039.24	321.0
15:59:00	1100.87	93.1	0.00	145.3	0.00	0.0	8038.39	321.0
16:00:00	1100.30	93.2	0.00	145.5	0.00	0.0	8038.12	321.0
16:01:00	1101.25	93.8	0.00	145.6	0.00	0.0	8037.74	321.0
16:02:00	1100.30	93.2	0.00	145.6	0.00	0.0	8037.66	321.0
16:03:00	1100.10	93.6	0.00	145.5	0.00	0.0	8037.11	321.0
16:04:00	1099.01	93.3	0.00	145.6	0.00	0.0	8036.57	321.0
16:05:00	1099.24	93.8	0.00	145.7	0.00	0.0	8036.07	321.0
16:06:00	1098.58	92.7	0.00	145.8	0.00	0.0	8035.64	321.0
16:07:00	1099.02	93.0	0.00	146.0	0.00	0.0	8030.50	321.0
16:08:00	1098.75	92.7	0.00	145.9	0.00	0.0	8032.31	321.0
16:09:00	1098.26	92.8	0.00	145.8	0.00	0.0	7934.15	321.0
16:10:00	1097.87	92.6	0.00	145.7	0.00	0.0	8031.96	321.0
16:11:00	1097.98	93.7	0.00	144.8	0.00	0.0	8033.90	321.0
16:12:00	1097.68	92.9	0.00	143.4	0.00	0.0	8033.15	321.0
16:13:00	1097.00	92.6	0.00	142.4	0.00	0.0	8033.28	321.0
16:14:00	1097.95	93.4	0.00	142.4	0.00	0.0	8033.37	321.0
16:15:00	1097.61	92.8	0.00	142.5	0.00	0.0	8033.21	321.0
16:16:00	1097.14	93.2	0.00	142.7	0.00	0.0	8032.80	321.0
16:17:00	1096.39	93.0	0.00	142.9	0.00	0.0	8032.78	321.0
16:18:00	1096.18	93.0	0.00	142.9	0.00	0.0	8032.59	321.0
16:19:00	1095.52	92.7	0.00	143.0	0.00	0.0	8032.23	321.0
16:20:00	1095.98	93.0	0.00	142.8	0.00	0.0	8032.02	321.0
16:21:00	1096.51	93.8	0.00	142.7	0.00	0.0	8021.92	321.0
16:22:00	1096.48	94.1	0.00	142.7	0.00	0.0	8019.85	321.0
16:23:00	1095.89	92.9	0.00	143.2	0.00	0.0	8030.40	321.0
16:24:00	1094.81	93.4	0.00	143.6	0.00	0.0	8030.46	321.0
16:25:00	1095.66	93.3	0.00	144.0	0.00	0.0	8029.73	321.0
16:26:00	1093.44	92.2	0.00	144.4	0.00	0.0	8028.94	321.0
16:27:00	1093.54	92.8	0.00	144.9	0.00	0.0	8028.51	321.0
16:28:00	1094.06	92.6	0.00	145.1	0.00	0.0	8026.75	321.0
16:29:00	1094.49	92.9	0.00	145.1	0.00	0.0	8025.62	321.0
16:30:00	1093.67	93.0	0.00	145.1	0.00	0.0	8027.76	321.0
16:31:00	1093.70	94.0	0.00	144.8	0.00	0.0	8027.48	321.0
16:32:00	1092.91	92.6	0.00	144.1	0.00	0.0	8027.41	321.0
16:33:00	1092.40	92.5	0.00	143.8	0.00	0.0	8027.03	321.0
16:34:00	1092.57	93.2	0.00	143.9	0.00	0.0	8025.61	321.0
16:35:00	1092.70	92.5	0.00	144.0	0.00	0.0	8024.13	321.0
16:36:00	1092.91	92.8	0.00	143.7	0.00	0.0	8025.10	321.0
16:37:00	1092.20	91.9	0.00	143.6	0.00	0.0	8026.05	321.0
16:38:00	1092.60	93.1	0.00	143.6	0.00	0.0	8026.14	321.0
16:39:00	1092.26	92.6	0.00	143.3	0.00	0.0	8025.16	321.0
16:40:00	1091.68	92.1	0.00	143.4	0.00	0.0	8024.86	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
16:41:00	1090.85	92.6	0.00	143.9	0.00	0.0	8024.37	321.0
16:42:00	1091.03	92.2	0.00	144.6	0.00	0.0	8024.07	321.0
16:43:00	1089.62	93.4	0.00	145.3	0.00	0.0	8023.26	321.0
16:44:00	1090.19	91.8	0.00	145.8	0.00	0.0	8023.33	321.0
16:45:00	1089.72	92.3	0.00	146.3	0.00	0.0	8022.78	321.0
16:46:00	1088.86	92.1	0.00	146.8	0.00	0.0	8022.58	321.0
16:47:00	1090.00	92.7	0.00	147.2	0.00	0.0	8022.82	321.0
16:48:00	1089.39	93.0	0.00	147.7	0.00	0.0	8021.92	321.0
16:49:00	1089.84	92.3	0.00	147.8	0.00	0.0	8021.83	321.0
16:50:00	1088.76	92.8	0.00	148.1	0.00	0.0	8021.21	321.0
16:51:00	1088.22	92.4	0.00	148.3	0.00	0.0	8021.43	321.0
16:52:00	1089.05	92.1	0.00	148.5	0.00	0.0	8021.10	321.0
16:53:00	1087.24	91.7	0.00	148.4	0.00	0.0	8020.29	321.0
16:54:00	1087.63	92.1	0.00	148.3	0.00	0.0	8020.31	321.0
16:55:00	1087.32	92.7	0.00	148.3	0.00	0.0	8018.78	321.0
16:56:00	1086.17	92.9	0.00	148.4	0.00	0.0	8019.37	321.0
16:57:00	1086.00	91.7	0.00	148.4	0.00	0.0	8018.62	321.0
16:58:00	1086.34	92.4	0.00	148.6	0.00	0.0	8018.62	321.0
16:59:00	1087.04	92.6	0.00	148.8	0.00	0.0	8018.06	321.0
17:00:00	1085.82	92.4	0.00	148.9	0.00	0.0	8017.96	321.0
17:01:00	1085.54	92.1	0.00	149.1	0.00	0.0	8017.50	321.0
17:02:00	1085.39	92.1	0.00	149.1	0.00	0.0	8014.64	321.0
17:03:00	1084.92	92.0	0.00	149.3	0.00	0.0	8016.67	321.0
17:04:00	1084.89	91.8	0.00	149.5	0.00	0.0	8016.55	321.0
17:05:00	1084.65	91.9	0.00	149.5	0.00	0.0	8016.14	321.0
17:06:00	1084.32	92.3	0.00	149.5	0.00	0.0	8015.58	321.0
17:07:00	1084.20	92.1	0.00	149.5	0.00	0.0	8015.41	321.0
17:08:00	1083.99	92.5	0.00	149.5	0.00	0.0	8014.10	321.0
17:09:00	1082.90	91.9	0.00	149.5	0.00	0.0	8014.23	321.0
17:10:00	1083.25	91.8	0.00	149.6	0.00	0.0	8014.22	321.0
17:11:00	1082.38	91.8	0.00	149.7	0.00	0.0	8013.63	321.0
17:12:00	1082.52	92.4	0.00	149.7	0.00	0.0	8013.58	321.0
17:13:00	1082.21	91.9	0.00	149.7	0.00	0.0	8013.29	321.0
17:14:00	1081.86	91.6	0.00	149.7	0.00	0.0	8013.22	321.0
17:15:00	1082.61	92.5	0.00	149.6	0.00	0.0	8012.69	321.0
17:16:00	1081.35	91.6	0.00	149.5	0.00	0.0	8012.39	321.0
17:17:00	1081.49	92.3	0.00	149.4	0.00	0.0	8012.05	321.0
17:18:00	1082.00	92.0	0.00	149.6	0.00	0.0	8010.75	321.0
17:19:00	1081.76	91.1	0.00	150.0	0.00	0.0	8012.00	321.0
17:20:00	1081.61	92.4	0.00	150.3	0.00	0.0	8012.04	321.0
17:21:00	1081.64	91.0	0.00	150.3	0.00	0.0	8011.69	321.0
17:22:00	1081.25	91.2	0.00	150.4	0.00	0.0	8011.67	321.0
17:23:00	1080.63	92.6	0.00	150.5	0.00	0.0	8011.30	321.0
17:24:00	1080.25	91.7	0.00	150.5	0.00	0.0	8011.13	321.0
17:25:00	1081.46	92.0	0.00	150.6	0.00	0.0	8010.89	321.0
17:26:00	1080.98	91.4	0.00	150.6	0.00	0.0	8010.76	321.0
17:27:00	1080.61	92.3	0.00	150.3	0.00	0.0	8010.53	321.0
17:28:00	1080.34	92.2	0.00	150.1	0.00	0.0	8010.24	321.0
17:29:00	1080.66	91.9	0.00	149.6	0.00	0.0	8009.76	321.0
17:30:00	1079.66	91.0	0.00	149.3	0.00	0.0	8009.40	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
17:31:00	1078.59	91.5	0.00	149.4	0.00	0.0	8008.71	321.0
17:32:00	1079.47	92.1	0.00	149.6	0.00	0.0	8008.73	321.0
17:33:00	1079.49	91.7	0.00	149.5	0.00	0.0	8009.04	321.0
17:34:00	1079.06	91.4	0.00	149.2	0.00	0.0	8008.65	321.0
17:35:00	1078.86	91.3	0.00	148.9	0.00	0.0	8008.63	321.0
17:36:00	1078.58	91.6	0.00	149.1	0.00	0.0	8008.06	321.0
17:37:00	1078.64	91.6	0.00	149.4	0.00	0.0	8007.42	321.0
17:38:00	1077.89	91.7	0.00	149.8	0.00	0.0	8006.95	321.0
17:39:00	1078.11	91.7	0.00	150.1	0.00	0.0	8006.68	321.0
17:40:00	1077.24	91.3	0.00	150.2	0.00	0.0	8006.37	321.0
17:41:00	1077.36	91.7	0.00	150.4	0.00	0.0	8005.75	321.0
17:42:00	1078.48	91.6	0.00	150.5	0.00	0.0	8005.65	321.0
17:43:00	1077.44	91.4	0.00	150.6	0.00	0.0	8005.47	321.0
17:44:00	1077.33	91.5	0.00	150.8	0.00	0.0	8004.98	321.0
17:45:00	1076.01	91.0	0.00	150.7	0.00	0.0	8004.85	321.0
17:46:00	1075.88	90.9	0.00	150.8	0.00	0.0	8004.11	321.0
17:47:00	1074.89	91.4	0.00	151.0	0.00	0.0	8003.70	321.0
17:48:00	1075.42	91.4	0.00	151.2	0.00	0.0	8003.24	321.0
17:49:00	1074.82	91.6	0.00	151.6	0.00	0.0	8003.06	321.0
17:50:00	1074.82	91.3	0.00	152.0	0.00	0.0	8003.08	321.0
17:51:00	1074.27	91.9	0.00	152.3	0.00	0.0	8002.86	321.0
17:52:00	1074.58	91.6	0.00	152.4	0.00	0.0	8002.80	321.0
17:53:00	1074.67	91.4	0.00	152.6	0.00	0.0	8002.08	321.0
17:54:00	1074.59	91.9	0.00	152.7	0.00	0.0	8001.88	321.0
17:55:00	1073.75	90.7	0.00	152.7	0.00	0.0	8001.18	321.0
17:56:00	1073.66	91.3	0.00	152.6	0.00	0.0	8000.96	321.0
17:57:00	1073.57	91.6	0.00	152.6	0.00	0.0	7985.72	321.0
17:58:00	1073.61	91.5	0.00	152.5	0.00	0.0	7999.22	321.0
17:59:00	1072.85	91.0	0.00	152.5	0.00	0.0	7995.34	321.0
18:00:00	1072.52	91.3	0.00	152.8	0.00	0.0	7999.93	321.0
18:01:00	1072.59	91.1	0.00	153.0	0.00	0.0	7998.93	321.0
18:02:00	1071.36	90.6	0.00	153.2	0.00	0.0	7999.38	321.0
18:03:00	1071.91	91.9	0.00	153.4	0.00	0.0	7998.92	321.0
18:04:00	1071.76	91.1	0.00	153.4	0.00	0.0	7998.53	321.0
18:05:00	1071.29	91.4	0.00	153.5	0.00	0.0	7998.31	321.0
18:06:00	1071.03	90.9	0.00	153.5	0.00	0.0	7987.38	321.0
18:07:00	1070.75	91.3	0.00	153.4	0.00	0.0	7995.92	321.0
18:08:00	1071.30	91.5	0.00	153.5	0.00	0.0	7992.62	321.0
18:09:00	1070.72	91.6	0.00	153.6	0.00	0.0	7970.75	321.0
18:10:00	1070.40	91.8	0.00	153.7	0.00	0.0	7996.59	321.0
18:11:00	1070.35	91.4	0.00	153.8	0.00	0.0	7992.07	321.0
18:12:00	1069.32	91.1	0.00	154.1	0.00	0.0	7996.67	321.0
18:13:00	1070.62	91.6	0.00	154.0	0.00	0.0	7829.29	321.0
18:14:00	1070.75	91.3	0.00	154.0	0.00	0.0	7993.25	321.0
18:15:00	1069.81	91.6	0.00	153.9	0.00	0.0	7980.85	321.0
18:16:00	1069.21	91.3	0.00	154.0	0.00	0.0	7995.75	321.0
18:17:00	1068.50	91.2	0.00	154.2	0.00	0.0	7979.08	321.0
18:18:00	1069.03	91.4	0.00	154.2	0.00	0.0	7963.95	321.0
18:19:00	1068.72	91.7	0.00	154.1	0.00	0.0	7969.95	321.0
18:20:00	1068.70	91.3	0.00	154.1	0.00	0.0	7991.25	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
18:21:00	1068.73	92.0	0.00	154.0	0.00	0.0	7986.50	321.0
18:22:00	1067.50	91.3	0.00	154.1	0.00	0.0	7992.73	321.0
18:23:00	1067.85	91.4	0.00	154.1	0.00	0.0	7993.22	321.0
18:24:00	1067.14	92.3	0.00	154.3	0.00	0.0	7987.76	321.0
18:25:00	1067.12	92.0	0.00	154.5	0.00	0.0	7988.08	321.0
18:26:00	1066.71	91.4	0.00	154.6	0.00	0.0	7979.99	321.0
18:27:00	1066.37	91.6	0.00	154.7	0.00	0.0	7991.26	321.0
18:28:00	1066.21	91.6	0.00	154.8	0.00	0.0	7992.43	321.0
18:29:00	1065.87	91.6	0.00	154.9	0.00	0.0	7978.97	321.0
18:30:00	1065.76	91.2	0.00	155.1	0.00	0.0	7990.76	321.0
18:31:00	1065.39	91.7	0.00	155.3	0.00	0.0	7990.86	321.0
18:32:00	1066.19	92.2	0.00	155.5	0.00	0.0	7991.12	321.0
18:33:00	1065.13	91.7	0.00	155.5	0.00	0.0	7990.86	321.0
18:34:00	1064.73	91.7	0.00	155.4	0.00	0.0	7990.66	321.0
18:35:00	1064.10	91.2	0.00	155.2	0.00	0.0	7990.06	321.0
18:36:00	1064.30	91.7	0.00	155.2	0.00	0.0	7989.59	321.0
18:37:00	1063.78	92.2	0.00	155.3	0.00	0.0	7989.62	321.0
18:38:00	1063.93	92.1	0.00	155.3	0.00	0.0	7989.35	321.0
18:39:00	1063.51	91.3	0.00	155.3	0.00	0.0	7989.27	321.0
18:40:00	1063.44	91.8	0.00	155.2	0.00	0.0	7987.71	321.0
18:41:00	1063.52	92.0	0.00	155.2	0.00	0.0	7966.58	321.0
18:42:00	1063.67	91.8	0.00	155.4	0.00	0.0	7967.34	321.0
18:43:00	1063.51	92.2	0.00	155.6	0.00	0.0	7932.50	321.0
18:44:00	1063.30	91.9	0.00	155.6	0.00	0.0	7981.85	321.0
18:45:00	1062.49	92.1	0.00	155.8	0.00	0.0	7935.31	321.0
18:46:00	1063.22	92.2	0.00	155.9	0.00	0.0	7987.81	321.0
18:47:00	1062.71	92.1	0.00	155.9	0.00	0.0	7987.54	321.0
18:48:00	1062.54	91.9	0.00	155.9	0.00	0.0	7987.46	321.0
18:49:00	1062.22	92.0	0.00	156.0	0.00	0.0	7987.24	321.0
18:50:00	1062.13	92.5	0.00	156.0	0.00	0.0	7986.03	321.0
18:51:00	1056.98	92.0	0.00	155.9	0.00	0.0	7981.45	321.0
18:52:00	1055.20	92.0	0.00	155.9	0.00	0.0	7979.85	321.0
18:53:00	1054.42	92.0	0.00	156.1	0.00	0.0	7978.98	321.0
18:54:00	1054.04	91.9	0.00	156.2	0.00	0.0	7978.58	321.0
18:55:00	1053.48	91.7	0.00	156.4	0.00	0.0	7978.29	321.0
18:56:00	1053.50	92.1	0.00	156.5	0.00	0.0	7977.92	321.0
18:57:00	1053.69	92.4	0.00	156.6	0.00	0.0	7977.50	321.0
18:58:00	1052.10	92.1	0.00	156.6	0.00	0.0	7977.21	321.0
18:59:00	1051.97	92.3	0.00	156.7	0.00	0.0	7976.76	321.0
19:00:00	1052.17	92.2	0.00	156.8	0.00	0.0	7976.64	321.0
19:01:00	1052.78	92.1	0.00	156.8	0.00	0.0	7976.43	321.0
19:02:00	1052.11	91.6	0.00	156.8	0.00	0.0	7976.29	321.0
19:03:00	1051.74	92.1	0.00	156.8	0.00	0.0	7976.51	321.0
19:04:00	1052.26	92.3	0.00	157.0	0.00	0.0	7976.80	321.0
19:05:00	1053.31	92.4	0.00	157.0	0.00	0.0	7976.51	321.0
19:06:00	1052.18	92.0	0.00	157.0	0.00	0.0	7976.48	321.0
19:07:00	1052.05	91.7	0.00	156.9	0.00	0.0	7976.27	321.0
19:10:00	1052.17	92.1	0.00	157.3	0.00	0.0	7975.58	321.0
19:15:00	1051.79	91.8	0.00	157.2	0.00	0.0	7975.35	321.0
19:20:00	1049.84	91.8	0.00	157.1	0.00	0.0	7972.18	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW			PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
19:25:00	1049.73	92.2	0.00	157.2	0.00	0.0	7955.87	321.0
19:30:00	1048.73	92.0	0.00	157.2	0.00	0.0	7970.87	321.0
19:35:00	1048.00	91.8	0.00	157.5	0.00	0.0	7970.17	321.0
19:40:00	1048.08	91.7	0.00	157.3	0.00	0.0	7970.19	321.0
19:45:00	1046.99	91.8	0.00	157.6	0.00	0.0	7968.94	321.0
19:50:00	1046.04	91.5	0.00	157.7	0.00	0.0	7966.12	321.0
19:55:00	1045.51	91.3	0.00	157.9	0.00	0.0	7966.34	321.0
20:00:00	1045.78	91.2	0.00	158.5	0.00	0.0	7966.91	321.0
20:05:00	1046.47	91.6	0.00	158.9	0.00	0.0	7966.70	321.0
20:10:00	1045.87	91.4	0.00	159.1	0.00	0.0	7964.41	321.0
20:15:00	1044.65	91.6	0.00	159.5	0.00	0.0	7933.52	321.0
20:20:00	1043.61	90.7	0.00	159.5	0.00	0.0	7948.53	321.0
20:25:00	1042.69	90.9	0.00	159.2	0.00	0.0	7958.01	321.0
20:30:00	1040.90	90.4	0.00	159.2	0.00	0.0	7960.92	321.0
20:35:00	1040.02	90.2	0.00	159.6	0.00	0.0	7959.76	321.0
20:40:00	1040.11	90.2	0.00	159.6	0.00	0.0	7958.68	321.0
20:45:00	1039.29	90.1	0.00	160.1	0.00	0.0	7839.63	321.0
20:50:00	1038.84	90.4	0.00	160.5	0.00	0.0	7956.62	321.0
20:55:00	1038.14	89.7	0.00	160.6	0.00	0.0	7956.63	321.0
21:00:00	1037.57	90.3	0.00	160.8	0.00	0.0	7711.60	321.0
21:05:00	1037.74	90.1	0.00	161.1	0.00	0.0	7950.44	321.0
21:10:00	1036.80	90.2	0.00	161.4	0.00	0.0	7950.88	321.0
21:15:00	1035.90	89.3	0.00	161.5	0.00	0.0	7953.20	321.0
21:20:00	1035.50	89.7	0.00	161.7	0.00	0.0	7952.91	321.0
21:25:00	1035.35	89.3	0.00	161.8	0.00	0.0	7951.42	321.0
21:30:00	1034.75	89.3	0.00	162.0	0.00	0.0	7947.12	321.0
21:35:00	1034.20	89.2	0.00	162.1	0.00	0.0	7833.85	321.0
21:40:00	1034.01	89.6	0.00	162.0	0.00	0.0	7620.61	321.0
21:45:00	1031.76	89.0	0.00	162.4	0.00	0.0	-965.55	321.0
21:50:00	1031.46	89.1	0.00	162.7	0.00	0.0	-974.58	321.0
21:55:00	1031.05	89.2	0.00	162.8	0.00	0.0	7945.90	321.0
22:00:00	1030.44	89.2	0.00	162.8	0.00	0.0	7945.33	321.0
22:05:00	1030.30	88.9	0.00	163.1	0.00	0.0	7945.43	321.0
22:10:00	1031.12	89.0	0.00	162.9	0.00	0.0	7946.08	321.0
22:15:00	1029.70	89.0	0.00	163.2	0.00	0.0	7945.06	321.0
22:20:00	1028.96	88.9	0.00	163.3	0.00	0.0	7944.40	321.0
22:25:00	1029.16	88.6	0.00	163.1	0.00	0.0	7944.02	321.0
22:30:00	1026.89	88.7	0.00	163.2	0.00	0.0	7941.70	321.0
22:35:00	1025.64	88.6	0.00	163.7	0.00	0.0	7941.42	321.0
22:40:00	1026.25	88.8	0.00	163.7	0.00	0.0	7940.48	321.0
22:45:00	1024.70	88.8	0.00	163.6	0.00	0.0	7939.21	321.0
22:50:00	1024.92	88.5	0.00	163.8	0.00	0.0	7938.69	321.0
22:55:00	1023.84	88.3	0.00	163.9	0.00	0.0	7937.25	321.0
23:00:00	1022.78	88.5	0.00	164.2	0.00	0.0	7936.72	321.0
23:05:00	1022.34	88.6	0.00	164.2	0.00	0.0	7930.83	321.0
23:10:00	1021.82	88.3	0.00	164.3	0.00	0.0	7934.90	321.0
23:15:00	1022.08	88.2	0.00	164.1	0.00	0.0	7935.10	321.0
23:20:00	1021.33	88.6	0.00	164.1	0.00	0.0	7934.34	321.0
23:25:00	1020.53	87.7	0.00	164.5	0.00	0.0	7933.38	321.0
23:30:00	1020.95	88.7	0.00	164.9	0.00	0.0	7932.89	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/05/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
23:35:00	1016.91	88.2	0.00	165.0	0.00	0.0	7930.97	321.0
23:40:00	1014.01	88.1	0.00	165.0	0.00	0.0	7926.24	321.0
23:45:00	1014.00	88.2	0.00	165.2	0.00	0.0	7925.32	321.0
23:50:00	1012.34	88.2	0.00	165.1	0.00	0.0	7925.14	321.0
23:55:00	1012.78	88.5	0.00	165.2	0.00	0.0	7925.12	321.0
00:00:00	1012.46	88.0	0.00	165.4	0.00	0.0	7924.48	321.0
00:05:00	1012.23	88.2	0.00	165.4	0.00	0.0	7923.51	321.0
00:10:00	1010.55	88.3	0.00	165.1	0.00	0.0	7922.26	321.0
00:15:00	1009.12	88.2	0.00	165.1	0.00	0.0	7920.46	321.0
00:20:00	1009.19	88.4	0.00	165.0	0.00	0.0	7920.61	321.0
00:25:00	1008.37	87.8	0.00	165.1	0.00	0.0	7919.87	321.0
00:30:00	1008.60	87.9	0.00	165.1	0.00	0.0	7907.30	321.0
00:35:00	1008.84	87.9	0.00	165.3	0.00	0.0	7919.98	321.0
00:40:00	1009.47	88.1	0.00	165.3	0.00	0.0	7886.51	321.0
00:45:00	1008.24	88.6	0.00	165.7	0.00	0.0	7918.35	321.0
00:50:00	1008.54	88.1	0.00	166.0	0.00	0.0	7918.79	321.0
00:55:00	1008.64	88.2	0.00	166.1	0.00	0.0	7918.76	321.0
01:00:00	1008.15	88.2	0.00	166.4	0.00	0.0	7892.53	321.0
01:05:00	1008.06	88.1	0.00	166.8	0.00	0.0	7917.73	321.0
01:10:00	1007.64	88.3	0.00	166.8	0.00	0.0	7906.18	321.0
01:15:00	1007.19	88.8	0.00	166.7	0.00	0.0	7903.83	321.0
01:20:00	1006.85	88.4	0.00	167.0	0.00	0.0	7916.28	321.0
01:25:00	1005.77	88.2	0.00	167.1	0.00	0.0	7915.41	321.0
01:30:00	1005.44	88.5	0.00	167.3	0.00	0.0	7913.42	321.0
01:35:00	1004.67	88.2	0.00	167.3	0.00	0.0	7914.32	321.0
01:40:00	1004.28	88.5	0.00	167.3	0.00	0.0	7910.07	321.0
01:45:00	1004.25	88.7	0.00	167.4	0.00	0.0	7878.13	321.0
01:50:00	1003.46	88.5	0.00	167.3	0.00	0.0	7911.12	321.0
01:55:00	1003.02	88.2	0.00	167.3	0.00	0.0	7910.61	321.0
02:00:00	1002.44	88.7	0.00	167.3	0.00	0.0	7868.64	321.0
02:05:00	1003.16	88.5	0.00	167.3	0.00	0.0	7909.85	321.0
02:10:00	1001.49	88.6	0.00	167.3	0.00	0.0	7908.50	321.0
02:15:00	1001.53	88.5	0.00	167.3	0.00	0.0	7895.83	321.0
02:20:00	1001.29	88.8	0.00	167.2	0.00	0.0	7909.99	321.0
02:25:00	1001.48	88.6	0.00	167.3	0.00	0.0	7909.63	321.0
02:30:00	1000.28	88.9	0.00	167.1	0.00	0.0	7908.90	321.0
02:35:00	1000.28	88.8	0.00	167.5	0.00	0.0	7906.60	321.0
02:40:00	999.95	88.7	0.00	166.6	0.00	0.0	7907.56	321.0
02:45:00	998.96	88.5	0.00	167.1	0.00	0.0	7902.64	321.0
02:50:00	998.63	88.7	0.00	167.2	0.00	0.0	7891.28	321.0
02:55:00	996.93	88.8	0.00	167.6	0.00	0.0	7881.86	321.0
03:00:00	997.20	88.6	0.00	167.8	0.00	0.0	7895.02	321.0
03:05:00	995.45	88.8	0.00	168.1	0.00	0.0	7871.69	321.0
03:10:00	995.36	88.6	0.00	168.2	0.00	0.0	7903.01	321.0
03:15:00	996.11	88.8	0.00	168.3	0.00	0.0	7903.56	321.0
03:20:00	996.71	88.8	0.00	168.4	0.00	0.0	7897.57	321.0
03:25:00	996.58	88.6	0.00	168.5	0.00	0.0	7900.95	321.0
03:30:00	995.79	88.8	0.00	168.5	0.00	0.0	7762.49	321.0
03:35:00	994.88	88.8	0.00	168.5	0.00	0.0	7901.92	321.0
03:40:00	997.10	88.7	0.00	168.7	0.00	0.0	7897.67	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/06/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
03:45:00	997.06	88.7	0.00	168.8	0.00	0.0	7901.69	321.0
03:50:00	995.73	88.4	0.00	168.8	0.00	0.0	7902.82	321.0
03:55:00	995.18	88.4	0.00	166.6	0.00	0.0	7827.65	321.0
04:00:00	994.76	88.4	0.00	166.1	0.00	0.0	7895.08	321.0
04:05:00	995.24	88.5	0.00	163.6	0.00	0.0	7899.91	321.0
04:10:00	995.07	88.4	0.00	160.4	0.00	0.0	7902.17	321.0
04:15:00	995.37	88.8	0.00	161.1	0.00	0.0	7901.50	321.0
04:20:00	994.78	88.9	0.00	161.4	0.00	0.0	7901.29	321.0
04:25:00	994.47	88.3	0.00	159.8	0.00	0.0	7336.88	321.0
04:30:00	994.14	88.4	0.00	162.0	0.00	0.0	7887.70	321.0
04:35:00	992.51	88.6	0.00	165.4	0.00	0.0	7898.52	321.0
04:40:00	992.20	88.2	0.00	167.4	0.00	0.0	7897.94	321.0
04:45:00	991.28	88.4	0.00	167.4	0.00	0.0	7883.38	321.0
04:50:00	990.90	88.2	0.00	168.1	0.00	0.0	7892.95	321.0
04:55:00	990.15	88.2	0.00	168.5	0.00	0.0	7891.93	321.0
05:00:00	990.31	88.1	0.00	168.5	0.00	0.0	7895.74	321.0
05:05:00	990.13	88.5	0.00	168.8	0.00	0.0	7894.67	321.0
05:10:00	989.69	88.3	0.00	168.6	0.00	0.0	7894.80	321.0
05:15:00	989.24	87.9	0.00	168.7	0.00	0.0	7894.18	321.0
05:20:00	987.98	88.4	0.00	168.8	0.00	0.0	7893.53	321.0
05:25:00	987.39	88.2	0.00	169.1	0.00	0.0	7892.59	321.0
05:30:00	987.25	88.2	0.00	169.2	0.00	0.0	7892.15	321.0
05:35:00	986.65	87.8	0.00	169.0	0.00	0.0	7891.57	321.0
05:40:00	986.75	87.7	0.00	168.2	0.00	0.0	7891.52	321.0
05:45:00	985.64	88.1	0.00	167.0	0.00	0.0	7890.54	321.0
05:50:00	985.08	87.7	0.00	167.6	0.00	0.0	7889.45	321.0
05:55:00	985.67	88.1	0.00	167.9	0.00	0.0	7890.06	321.0
06:00:00	984.62	87.6	0.00	168.1	0.00	0.0	7889.24	321.0
06:05:00	984.78	87.6	0.00	168.2	0.00	0.0	7889.32	321.0
06:10:00	984.76	87.5	0.00	168.3	0.00	0.0	7888.99	321.0
06:15:00	983.52	87.9	0.00	168.6	0.00	0.0	7888.14	321.0
06:20:00	985.86	88.1	0.00	161.5	0.00	0.0	7888.89	321.0
06:25:00	984.39	87.8	0.00	157.8	0.00	0.0	7889.11	321.0
06:30:00	983.60	87.8	0.00	162.2	0.00	0.0	7888.14	321.0
06:35:00	983.02	87.8	0.00	163.1	0.00	0.0	7887.53	321.0
06:40:00	983.21	87.7	0.00	161.6	0.00	0.0	7886.85	321.0
06:45:00	982.00	87.5	0.00	165.1	0.00	0.0	7878.35	321.0
06:50:00	981.45	87.5	0.00	167.3	0.00	0.0	7884.69	321.0
06:55:00	980.45	87.5	0.00	167.4	0.00	0.0	7883.98	321.0
07:00:00	980.20	87.2	0.00	168.1	0.00	0.0	7883.84	321.0
07:05:00	979.86	87.7	0.00	168.5	0.00	0.0	7883.14	321.0
07:10:00	979.74	87.7	0.00	168.7	0.00	0.0	7882.78	321.0
07:15:00	977.40	87.8	0.00	168.9	0.00	0.0	7881.77	321.0
07:20:00	977.93	87.3	0.00	169.0	0.00	0.0	7881.25	321.0
07:25:00	976.91	87.4	0.00	169.0	0.00	0.0	7880.56	321.0
07:30:00	976.77	87.5	0.00	169.5	0.00	0.0	7879.95	321.0
07:35:00	976.20	87.4	0.00	169.5	0.00	0.0	7879.11	321.0
07:40:00	975.86	87.3	0.00	169.9	0.00	0.0	7877.78	321.0
07:45:00	975.32	87.7	0.00	170.1	0.00	0.0	7878.00	321.0
07:50:00	974.01	87.8	0.00	170.2	0.00	0.0	7875.78	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/06/81	FRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
07:55:00	973.54	87.5	0.00	170.1	0.00	0.0	7876.52	321.0
08:00:00	972.79	87.7	0.00	170.3	0.00	0.0	7875.47	321.0
08:05:00	972.93	88.2	0.00	170.7	0.00	0.0	7875.75	321.0
08:10:00	972.32	88.1	0.00	170.9	0.00	0.0	7875.27	321.0
08:15:00	971.34	88.2	0.00	170.8	0.00	0.0	7875.14	321.0
08:20:00	971.63	88.6	0.00	170.9	0.00	0.0	7874.54	321.0
08:25:00	970.37	88.8	0.00	171.3	0.00	0.0	7873.65	321.0
08:30:00	970.50	89.5	0.00	171.3	0.00	0.0	7873.28	321.0
08:35:00	969.94	89.2	0.00	171.4	0.00	0.0	7872.96	321.0
08:40:00	969.19	89.8	0.00	171.7	0.00	0.0	7871.49	321.0
08:45:00	967.93	90.2	0.00	172.3	0.00	0.0	7871.60	321.0
08:50:00	967.53	91.1	0.00	172.1	0.00	0.0	7871.10	321.0
08:55:00	967.24	91.0	0.00	172.1	0.00	0.0	7871.09	321.0
09:00:00	965.58	91.7	0.00	172.4	0.00	0.0	7870.05	321.0
09:05:00	965.60	92.7	0.00	172.1	0.00	0.0	7869.71	321.0
09:10:00	965.00	93.8	0.00	172.4	0.00	0.0	7869.20	321.0
09:15:00	965.42	93.9	0.00	172.6	0.00	0.0	7869.34	321.0
09:20:00	964.75	94.7	0.00	172.5	0.00	0.0	7868.48	321.0
09:25:00	963.97	94.9	0.00	172.9	0.00	0.0	7868.13	321.0
09:30:00	963.27	96.1	0.00	173.2	0.00	0.0	7867.77	321.0
09:35:00	962.60	97.1	0.00	172.8	0.00	0.0	7867.30	321.0
09:40:00	962.94	97.7	0.00	172.6	0.00	0.0	7867.31	321.0
09:45:00	963.34	97.6	0.00	172.5	0.00	0.0	7867.18	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/06/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
10:00:00	958.18	98.6	0.00	173.0	0.00	0.0	7862.66	321.0
10:05:00	958.35	98.7	0.00	172.7	0.00	0.0	7862.76	321.0
10:10:00	957.85	99.2	0.00	173.5	0.00	0.0	7862.40	321.0
10:15:00	957.59	99.5	0.00	173.5	0.00	0.0	7861.95	321.0
10:20:00	958.33	100.3	0.00	173.0	0.00	0.0	7861.96	321.0
10:25:00	957.46	100.5	0.00	173.2	0.00	0.0	7861.77	321.0
10:30:00	957.02	101.2	0.00	172.9	0.00	0.0	7861.18	321.0
10:35:00	956.09	101.5	0.00	173.1	0.00	0.0	7860.47	321.0
10:40:00	955.95	101.4	0.00	173.0	0.00	0.0	7859.12	321.0
10:45:00	954.42	101.0	0.00	173.1	0.00	0.0	7859.17	321.0
10:50:00	955.05	101.9	0.00	173.3	0.00	0.0	7858.63	321.0
10:55:00	954.02	101.5	0.00	173.3	0.00	0.0	7858.25	321.0
10:56:10	954.58	102.1	0.00	173.1	0.00	0.0	7858.19	321.0
10:56:15	954.18	101.8	0.00	173.1	0.00	0.0	7858.18	321.0
10:56:25	954.66	102.0	0.00	173.1	0.00	0.0	7857.93	321.0
10:56:30	953.93	102.0	0.00	173.1	0.00	0.0	7858.03	321.0
10:56:40	952.58	102.1	0.00	173.1	0.00	0.0	7852.52	321.0
10:56:50	930.45	101.7	0.00	173.1	0.00	0.0	7824.87	321.0
10:56:55	906.42	101.8	0.00	173.1	0.00	0.0	7812.98	321.0
10:57:05	891.92	102.1	0.00	173.2	0.00	0.0	7791.90	321.0
10:57:10	878.10	102.1	0.00	173.3	0.00	0.0	7782.35	321.0
10:57:20	869.08	101.4	0.00	173.4	0.00	0.0	7768.27	321.0
10:57:25	859.58	101.7	0.00	173.4	0.00	0.0	7762.25	321.0
10:57:35	851.89	101.8	0.00	173.5	0.00	0.0	7751.98	321.0
10:57:40	844.62	102.5	0.00	173.5	0.00	0.0	7746.92	321.0
10:57:50	838.66	101.4	0.00	173.5	0.00	0.0	7739.16	321.0
10:57:55	833.65	101.9	0.00	173.6	0.00	0.0	7734.80	321.0
10:58:05	826.78	101.8	0.00	173.6	0.00	0.0	7726.76	321.0
10:58:10	823.28	102.6	0.00	173.6	0.00	0.0	7723.28	321.0
10:58:20	815.93	102.3	0.00	173.6	0.00	0.0	7716.43	321.0
10:58:25	812.47	102.5	0.00	173.6	0.00	0.0	7713.21	321.0
10:58:35	806.51	102.3	0.00	173.7	0.00	0.0	7706.85	321.0
10:58:45	800.51	102.4	0.00	173.7	0.00	0.0	7701.01	321.0
10:58:50	797.64	101.7	0.00	173.7	0.00	0.0	7698.07	321.0
10:59:00	792.23	102.3	0.00	173.7	0.00	0.0	7692.81	321.0
10:59:05	790.52	101.8	0.00	173.7	0.00	0.0	7690.06	321.0
10:59:15	785.06	101.9	0.00	173.7	0.00	0.0	7684.82	321.0
10:59:20	780.61	102.2	0.00	173.7	0.00	0.0	7682.89	321.0
10:59:30	782.93	102.3	0.00	173.7	0.00	0.0	7678.55	321.0
10:59:35	775.12	101.9	0.00	173.7	0.00	0.0	7678.36	321.0
10:59:45	774.42	101.7	0.00	173.8	0.00	0.0	7675.03	321.0
10:59:50	770.86	102.1	0.00	173.8	0.00	0.0	7671.87	321.0
11:00:00	770.30	102.2	0.00	173.8	0.00	0.0	7669.33	321.0
11:00:05	766.70	102.1	0.00	173.8	0.00	0.0	7668.43	321.0
11:00:15	766.18	101.7	0.00	173.8	0.00	0.0	7665.62	321.0
11:00:20	763.54	101.4	0.00	173.9	0.00	0.0	7664.06	321.0
11:00:30	763.00	102.3	0.00	173.9	0.00	0.0	7661.35	321.0
11:00:35	760.13	102.2	0.00	173.9	0.00	0.0	7660.24	321.0
11:00:45	758.17	101.7	0.00	173.9	0.00	0.0	7657.93	321.0
11:00:55	755.02	101.7	0.00	173.9	0.00	0.0	7655.69	321.0

Incr. Rate

Date	PANEX		PANEX				HP QUARTZ	
06/06/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
11:01:00	754.70	101.8	0.00	174.0	0.00	0.0	7654.71	321.0
11:01:10	752.13	101.9	0.00	174.0	0.00	0.0	7652.73	321.0
11:01:15	751.94	102.1	0.00	173.9	0.00	0.0	7651.89	321.0
11:01:25	749.93	102.5	0.00	174.0	0.00	0.0	7650.35	321.0
11:01:30	749.79	101.7	0.00	174.0	0.00	0.0	7649.57	321.0
11:01:40	748.00	101.7	0.00	174.0	0.00	0.0	7648.40	321.0
11:01:45	747.43	102.2	0.00	174.0	0.00	0.0	7647.69	321.0
11:01:55	745.89	101.6	0.00	174.0	0.00	0.0	7646.27	321.0
11:02:00	745.65	101.9	0.00	174.0	0.00	0.0	7645.94	321.0
11:02:10	744.48	101.7	0.00	174.1	0.00	0.0	7644.52	321.0
11:02:15	743.89	101.9	0.00	174.1	0.00	0.0	7644.02	321.0
11:02:25	743.03	102.3	0.00	174.0	0.00	0.0	7642.94	321.0
11:02:35	742.01	102.2	0.00	174.0	0.00	0.0	7641.94	321.0
11:02:45	740.13	102.3	0.00	174.1	0.00	0.0	7640.92	321.0
11:02:55	739.54	102.4	0.00	174.1	0.00	0.0	7639.69	321.0
11:03:00	738.69	101.7	0.00	174.1	0.00	0.0	7639.11	321.0
11:03:10	738.20	101.9	0.00	174.1	0.00	0.0	7638.21	321.0
11:03:15	736.99	102.3	0.00	174.1	0.00	0.0	7637.82	321.0
11:03:25	737.12	102.0	0.00	174.1	0.00	0.0	7637.13	321.0
11:03:30	735.38	102.4	0.00	174.1	0.00	0.0	7636.00	321.0
11:03:40	735.40	102.2	0.00	174.0	0.00	0.0	7634.99	321.0
11:03:45	733.41	101.6	0.00	174.0	0.00	0.0	7634.36	321.0
11:03:55	732.80	101.6	0.00	174.0	0.00	0.0	7633.45	321.0
11:04:00	732.26	102.1	0.00	174.0	0.00	0.0	7632.68	321.0
11:04:10	730.93	101.5	0.00	174.0	0.00	0.0	7631.82	321.0
11:04:15	731.00	101.7	0.00	174.0	0.00	0.0	7631.80	321.0
11:04:25	730.10	101.5	0.00	174.0	0.00	0.0	7630.89	321.0
11:04:30	729.69	102.1	0.00	174.0	0.00	0.0	7630.45	321.0
11:04:40	729.18	101.8	0.00	174.1	0.00	0.0	7630.10	321.0
11:04:45	728.88	102.2	0.00	174.1	0.00	0.0	7629.70	321.0
11:04:55	728.40	101.8	0.00	174.1	0.00	0.0	7629.36	321.0
11:05:05	727.66	101.7	0.00	174.1	0.00	0.0	7628.97	321.0
11:05:10	727.91	101.4	0.00	174.1	0.00	0.0	7628.94	321.0
11:05:20	727.93	101.9	0.00	174.1	0.00	0.0	7628.72	321.0
11:05:25	727.95	102.0	0.00	174.1	0.00	0.0	7628.67	321.0
11:05:35	727.76	102.2	0.00	174.2	0.00	0.0	7628.08	321.0
11:05:40	727.04	101.8	0.00	174.2	0.00	0.0	7627.95	321.0
11:05:50	726.94	101.5	0.00	174.2	0.00	0.0	7627.68	321.0
11:05:55	726.54	101.5	0.00	174.2	0.00	0.0	7627.55	321.0
11:06:05	726.26	101.9	0.00	174.3	0.00	0.0	7627.27	321.0
11:06:10	726.59	102.3	0.00	174.2	0.00	0.0	7627.04	321.0
11:06:20	726.23	101.8	0.00	174.3	0.00	0.0	7626.66	321.0
11:06:25	725.86	102.1	0.00	174.3	0.00	0.0	7626.51	321.0
11:06:35	725.65	101.9	0.00	174.3	0.00	0.0	7626.20	321.0
11:06:40	725.61	101.5	0.00	174.3	0.00	0.0	7626.08	321.0
11:06:50	724.84	101.1	0.00	174.3	0.00	0.0	7625.76	321.0
11:07:00	724.62	101.8	0.00	174.3	0.00	0.0	7625.27	321.0
11:07:05	724.47	101.5	0.00	174.3	0.00	0.0	7624.80	321.0
11:07:15	724.44	102.4	0.00	174.3	0.00	0.0	7624.52	321.0
11:07:20	724.08	101.8	0.00	174.3	0.00	0.0	7624.31	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/06/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
11:07:30	724.09	101.6	0.00	174.4	0.00	0.0	7623.88	321.0
11:07:35	723.37	101.4	0.00	174.3	0.00	0.0	7623.65	321.0
11:07:45	723.40	101.3	0.00	174.3	0.00	0.0	7623.04	321.0
11:07:50	722.71	102.5	0.00	174.3	0.00	0.0	7622.41	321.0
11:08:00	722.37	101.7	0.00	174.3	0.00	0.0	7621.98	321.0
11:08:05	722.08	101.9	0.00	174.3	0.00	0.0	7621.82	321.0
11:08:15	721.58	101.7	0.00	174.4	0.00	0.0	7621.26	321.0
11:08:20	721.40	101.3	0.00	174.3	0.00	0.0	7620.82	321.0
11:08:30	720.83	102.0	0.00	174.3	0.00	0.0	7620.26	321.0
11:08:35	720.63	102.1	0.00	174.3	0.00	0.0	7620.02	321.0
11:08:45	720.39	101.9	0.00	174.4	0.00	0.0	7619.63	321.0
11:08:50	719.99	101.5	0.00	174.4	0.00	0.0	7619.16	321.0
11:09:00	719.90	101.6	0.00	174.4	0.00	0.0	7618.63	321.0
11:09:10	719.24	102.5	0.00	174.4	0.00	0.0	7618.18	321.0
11:09:15	719.19	102.1	0.00	174.4	0.00	0.0	7618.00	321.0
11:09:25	718.76	101.4	0.00	174.4	0.00	0.0	7617.40	321.0
11:09:30	718.55	102.5	0.00	174.4	0.00	0.0	7617.22	321.0
11:09:40	717.94	101.4	0.00	174.5	0.00	0.0	7616.44	321.0
11:09:45	717.43	102.3	0.00	174.4	0.00	0.0	7615.89	321.0
11:09:55	716.76	101.4	0.00	174.4	0.00	0.0	7615.56	321.0
11:10:00	716.96	102.0	0.00	174.4	0.00	0.0	7615.16	321.0
11:10:10	716.50	101.4	0.00	174.5	0.00	0.0	7613.82	321.0
11:10:20	715.67	101.5	0.00	174.4	0.00	0.0	7612.63	321.0
11:10:30	713.48	102.0	0.00	174.4	0.00	0.0	7611.57	321.0
11:10:35	713.50	101.5	0.00	174.4	0.00	0.0	7611.37	321.0
11:10:45	712.34	101.6	0.00	174.4	0.00	0.0	7610.47	321.0
11:10:50	712.09	101.9	0.00	174.4	0.00	0.0	7610.08	321.0
11:11:00	711.91	101.9	0.00	174.4	0.00	0.0	7609.51	321.0
11:11:10	711.51	102.1	0.00	174.4	0.00	0.0	7608.78	321.0
11:11:15	711.29	102.2	0.00	174.5	0.00	0.0	7608.25	321.0
11:11:25	710.17	101.9	0.00	174.5	0.00	0.0	7607.76	321.0
11:11:30	710.38	102.2	0.00	174.5	0.00	0.0	7607.40	321.0
11:11:40	709.83	101.7	0.00	174.5	0.00	0.0	7606.82	321.0
11:11:45	709.30	101.5	0.00	174.6	0.00	0.0	7606.62	321.0
11:11:55	709.30	101.5	0.00	174.6	0.00	0.0	7606.09	321.0
11:12:00	709.14	101.6	0.00	174.6	0.00	0.0	7605.78	321.0
11:12:10	708.59	101.4	0.00	174.6	0.00	0.0	7605.29	321.0
11:12:15	708.80	102.0	0.00	174.6	0.00	0.0	7605.22	321.0
11:12:25	708.01	101.5	0.00	174.7	0.00	0.0	7604.75	321.0
11:12:30	707.95	101.5	0.00	174.7	0.00	0.0	7604.35	321.0
11:12:40	707.55	101.5	0.00	174.8	0.00	0.0	7604.12	321.0
11:12:45	707.69	101.5	0.00	174.8	0.00	0.0	7603.49	321.0
11:12:55	706.99	101.6	0.00	174.8	0.00	0.0	7603.19	321.0
11:13:00	707.07	101.9	0.00	174.8	0.00	0.0	7603.05	321.0
11:13:10	706.51	101.5	0.00	174.9	0.00	0.0	7602.55	321.0
11:13:20	706.27	102.0	0.00	174.9	0.00	0.0	7602.06	321.0
11:13:25	705.90	101.8	0.00	174.9	0.00	0.0	7601.95	321.0
11:13:35	705.84	101.6	0.00	174.9	0.00	0.0	7601.44	321.0
11:13:40	705.44	101.4	0.00	174.9	0.00	0.0	7601.19	321.0
11:13:50	705.36	101.8	0.00	175.0	0.00	0.0	7600.91	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/06/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
11:13:55	705.30	101.9	0.00	174.9	0.00	0.0	7600.52	321.0
11:14:05	704.70	101.3	0.00	175.0	0.00	0.0	7600.12	321.0
11:14:10	704.98	101.8	0.00	175.0	0.00	0.0	7599.97	321.0
11:14:20	703.87	101.2	0.00	175.1	0.00	0.0	7599.45	321.0
11:14:25	704.14	101.6	0.00	175.0	0.00	0.0	7599.21	321.0
11:14:35	703.49	101.4	0.00	175.1	0.00	0.0	7598.94	321.0
11:14:40	703.60	101.7	0.00	175.1	0.00	0.0	7598.80	321.0
11:14:50	703.25	101.2	0.00	175.1	0.00	0.0	7598.47	321.0
11:14:55	703.21	101.8	0.00	175.2	0.00	0.0	7598.34	321.0
11:15:05	703.01	101.8	0.00	175.1	0.00	0.0	7598.11	321.0
11:15:15	702.98	101.0	0.00	175.2	0.00	0.0	7597.83	321.0
11:15:20	702.61	101.6	0.00	175.2	0.00	0.0	7597.41	321.0
11:15:30	702.01	101.1	0.00	175.2	0.00	0.0	7597.20	321.0
11:15:35	702.59	101.9	0.00	175.2	0.00	0.0	7596.86	321.0
11:15:45	702.18	101.9	0.00	175.2	0.00	0.0	7596.67	321.0
11:15:50	702.07	101.2	0.00	175.2	0.00	0.0	7596.57	321.0
11:16:00	701.51	101.5	0.00	175.2	0.00	0.0	7596.20	321.0
11:16:05	701.71	101.3	0.00	175.2	0.00	0.0	7595.83	321.0
11:16:15	701.37	101.8	0.00	175.2	0.00	0.0	7595.50	321.0
11:16:20	701.03	101.8	0.00	175.1	0.00	0.0	7595.55	321.0
11:16:30	700.85	101.0	0.00	175.1	0.00	0.0	7595.13	321.0
11:16:35	700.53	101.5	0.00	175.1	0.00	0.0	7594.78	321.0
11:16:45	700.31	101.3	0.00	175.1	0.00	0.0	7594.58	321.0
11:16:50	700.38	101.3	0.00	175.0	0.00	0.0	7594.32	321.0
11:17:00	700.00	101.7	0.00	175.0	0.00	0.0	7593.99	321.0
11:17:05	700.03	102.0	0.00	175.0	0.00	0.0	7593.99	321.0
11:17:10	699.69	101.7	0.00	175.0	0.00	0.0	7593.59	321.0
11:17:20	699.94	101.5	0.00	175.0	0.00	0.0	7593.33	321.0
11:17:25	699.01	101.6	0.00	175.0	0.00	0.0	7593.30	321.0
11:17:35	699.16	101.4	0.00	174.9	0.00	0.0	7593.04	321.0
11:17:40	699.24	102.1	0.00	174.9	0.00	0.0	7592.52	321.0
11:17:50	698.88	101.4	0.00	174.9	0.00	0.0	7592.19	321.0
11:18:00	698.59	101.4	0.00	174.9	0.00	0.0	7592.09	321.0
11:18:10	698.23	101.5	0.00	174.9	0.00	0.0	7591.58	321.0
11:18:15	698.26	101.7	0.00	174.9	0.00	0.0	7591.57	321.0
11:18:25	697.76	101.4	0.00	175.0	0.00	0.0	7591.16	321.0
11:18:30	697.37	101.7	0.00	174.9	0.00	0.0	7591.13	321.0
11:18:40	697.47	101.5	0.00	174.9	0.00	0.0	7590.91	321.0
11:18:45	697.26	101.2	0.00	174.9	0.00	0.0	7590.69	321.0
11:18:55	697.35	101.6	0.00	174.9	0.00	0.0	7590.58	321.0
11:19:00	697.29	101.0	0.00	174.9	0.00	0.0	7590.19	321.0
11:19:10	697.02	102.1	0.00	174.9	0.00	0.0	7590.15	321.0
11:19:20	696.83	101.5	0.00	174.9	0.00	0.0	7589.68	321.0
11:19:25	696.40	101.7	0.00	174.9	0.00	0.0	7589.60	321.0
11:19:35	696.23	101.3	0.00	175.0	0.00	0.0	7589.20	321.0
11:19:40	695.99	101.0	0.00	175.0	0.00	0.0	7589.05	321.0
11:19:50	695.95	101.7	0.00	175.0	0.00	0.0	7588.96	321.0
11:19:55	696.15	101.7	0.00	175.1	0.00	0.0	7588.76	321.0
11:20:05	695.67	101.0	0.00	175.1	0.00	0.0	7588.29	321.0
11:20:10	695.65	101.6	0.00	175.1	0.00	0.0	7588.17	321.0

Date	PANEX		PANEX		.	.	HP QUARTZ	
06/06/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
11:20:20	695.37	101.9	0.00	175.2	0.00	0.0	7587.99	321.0
11:25:00	690.56	101.0	0.00	176.0	0.00	0.0	7582.21	321.0
11:30:00	685.71	101.1	0.00	176.1	0.00	0.0	7575.59	321.0
11:35:00	680.75	100.9	0.00	176.1	0.00	0.0	7570.35	321.0
11:40:00	674.35	100.9	0.00	177.0	0.00	0.0	7563.07	321.0
11:45:00	668.82	100.4	0.00	177.3	0.00	0.0	7557.02	321.0
11:50:00	665.10	100.3	0.00	174.4	0.00	0.0	7552.71	321.0
11:55:00	661.06	99.6	0.00	174.9	0.00	0.0	7548.62	321.0
12:00:00	659.10	100.4	0.00	176.4	0.00	0.0	7545.62	321.0
12:05:00	656.46	99.8	0.00	176.7	0.00	0.0	7542.69	321.0
12:10:00	654.09	99.9	0.00	176.9	0.00	0.0	7539.75	321.0
12:15:00	651.24	99.0	0.00	178.5	0.00	0.0	7536.83	321.0
12:20:00	648.71	99.1	0.00	179.2	0.00	0.0	7534.48	321.0
12:25:00	645.37	99.3	0.00	179.3	0.00	0.0	7444.39	321.0
12:30:00	642.46	100.4	0.00	179.6	0.00	0.0	7529.31	321.0
12:35:00	639.61	102.7	0.00	180.0	0.00	0.0	7519.01	321.0
12:40:00	636.78	103.2	0.00	180.6	0.00	0.0	7440.73	321.0
12:45:00	631.44	105.2	0.00	180.5	0.00	0.0	7519.63	321.0
12:50:00	629.44	104.8	0.00	180.7	0.00	0.0	7516.00	321.0
12:55:00	629.60	106.3	0.00	175.1	0.00	0.0	7515.84	321.0
13:00:00	628.97	105.9	0.00	176.6	0.00	0.0	7514.92	321.0
13:05:00	628.28	104.7	0.00	180.3	0.00	0.0	7513.51	321.0
13:10:00	626.14	104.1	0.00	180.5	0.00	0.0	7511.27	321.0
13:15:00	624.18	104.3	0.00	181.1	0.00	0.0	7509.13	321.0
13:20:00	622.28	104.7	0.00	181.1	0.00	0.0	7507.10	321.0
13:25:00	620.70	104.4	0.00	181.0	0.00	0.0	7505.37	321.0
13:30:00	621.04	104.4	0.00	181.1	0.00	0.0	7505.21	321.0
13:35:00	620.35	103.3	0.00	181.4	0.00	0.0	7504.40	321.0
13:40:00	619.55	102.8	0.00	179.7	0.00	0.0	7434.13	321.0
13:45:00	619.02	102.1	0.00	174.5	0.00	0.0	7249.09	321.0
13:50:00	618.23	101.5	0.00	175.3	0.00	0.0	7430.23	321.0
13:55:00	617.16	101.0	0.00	179.9	0.00	0.0	7426.23	321.0
14:00:00	615.55	101.2	0.00	181.3	0.00	0.0	7473.98	321.0
14:05:00	614.19	100.7	0.00	181.7	0.00	0.0	7282.78	321.0
14:10:00	613.25	100.4	0.00	182.3	0.00	0.0	7393.39	321.0
14:15:00	612.29	100.5	0.00	182.6	0.00	0.0	6456.54	321.0
14:20:00	610.14	99.8	0.00	182.5	0.00	0.0	7492.05	321.0
14:25:00	608.18	100.2	0.00	182.8	0.00	0.0	7492.10	321.0
14:30:00	607.18	100.5	0.00	183.2	0.00	0.0	7490.96	321.0
14:35:00	606.65	102.0	0.00	183.6	0.00	0.0	7489.63	321.0
14:40:00	605.71	101.3	0.00	183.0	0.00	0.0	7489.42	321.0
14:45:00	604.93	101.8	0.00	183.7	0.00	0.0	7487.90	321.0
14:50:00	604.15	103.3	0.00	183.6	0.00	0.0	7430.93	321.0
14:55:00	602.98	103.8	0.00	183.2	0.00	0.0	7459.55	321.0
15:00:00	602.45	103.0	0.00	183.0	0.00	0.0	7485.94	321.0
15:05:00	602.27	103.7	0.00	183.6	0.00	0.0	7481.67	321.0
15:10:00	601.59	102.7	0.00	183.8	0.00	0.0	7484.33	321.0
15:15:00	601.04	102.7	0.00	183.8	0.00	0.0	7482.64	321.0
15:20:00	600.32	103.1	0.00	182.7	0.00	0.0	7479.29	321.0
15:25:00	599.75	101.4	0.00	182.3	0.00	0.0	7481.65	321.0

Date	PANEX		PANEX		HP QUARTZ	
06/06/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF		
15:30:00	598.89	102.0	0.00	182.4	0.00	7480.45 321.0
15:35:00	598.14	102.1	0.00	183.9	0.00	7415.64 321.0
15:40:00	597.40	101.5	0.00	183.9	0.00	7478.47 321.0
15:45:00	597.26	101.7	0.00	184.2	0.00	7474.41 321.0
15:50:00	596.34	101.0	0.00	184.2	0.00	7472.95 321.0
15:55:00	595.80	101.3	0.00	184.5	0.00	7476.43 321.0
16:00:00	595.30	100.0	0.00	184.9	0.00	7476.09 321.0
16:05:00	594.29	99.7	0.00	184.8	0.00	7469.49 321.0
16:10:00	593.89	101.2	0.00	185.5	0.00	7473.46 321.0
16:15:00	593.10	101.4	0.00	185.6	0.00	7474.30 321.0
16:20:00	591.86	101.1	0.00	185.9	0.00	7473.66 321.0
16:25:00	591.69	101.7	0.00	186.3	0.00	7473.35 321.0
16:30:00	591.39	104.1	0.00	186.2	0.00	7472.68 321.0
16:35:00	589.98	102.7	0.00	186.2	0.00	7472.08 321.0
16:40:00	590.08	103.8	0.00	185.4	0.00	7471.88 321.0
16:45:00	589.82	104.4	0.00	185.5	0.00	7314.37 321.0
16:50:00	589.40	104.0	0.00	186.0	0.00	7420.53 321.0
16:55:00	589.26	104.1	0.00	185.9	0.00	7351.80 321.0
17:00:00	588.89	104.6	0.00	186.0	0.00	7469.67 321.0
17:05:00	588.27	103.6	0.00	186.2	0.00	7450.98 321.0
17:10:00	587.65	103.7	0.00	186.1	0.00	7468.23 321.0
17:15:00	586.65	103.2	0.00	186.5	0.00	7467.26 321.0
17:20:00	586.38	103.3	0.00	186.2	0.00	7466.07 321.0
17:25:00	585.83	103.9	0.00	185.1	0.00	7466.13 321.0
17:30:00	585.21	103.8	0.00	185.8	0.00	7465.69 321.0
17:35:00	584.95	103.0	0.00	186.2	0.00	7465.30 321.0
17:40:00	584.62	102.5	0.00	185.8	0.00	7465.02 321.0
17:45:00	584.69	102.7	0.00	185.7	0.00	7464.75 321.0
17:50:00	584.77	103.0	0.00	185.9	0.00	7464.41 321.0
17:55:00	584.57	102.2	0.00	185.8	0.00	7464.24 321.0
18:00:00	584.35	102.6	0.00	186.4	0.00	7463.52 321.0
18:05:00	583.93	102.0	0.00	186.2	0.00	7463.10 321.0
18:10:00	583.34	101.2	0.00	186.5	0.00	7462.65 321.0
18:15:00	582.87	100.4	0.00	186.4	0.00	7461.93 321.0
18:20:00	582.48	100.6	0.00	186.3	0.00	7461.44 321.0
18:25:00	582.34	101.5	0.00	186.5	0.00	7461.06 321.0
18:30:00	581.78	101.1	0.00	186.6	0.00	7460.62 321.0
18:35:00	581.18	99.9	0.00	186.6	0.00	7456.07 321.0
18:40:00	581.17	100.4	0.00	186.3	0.00	7460.17 321.0
18:45:00	580.51	99.3	0.00	186.5	0.00	7459.60 321.0
18:50:00	580.43	99.9	0.00	186.4	0.00	7459.24 321.0
18:55:00	579.97	100.1	0.00	186.6	0.00	7458.94 321.0
19:00:00	579.78	100.1	0.00	186.8	0.00	7458.41 321.0
19:05:00	579.43	99.8	0.00	186.7	0.00	7457.98 321.0
19:10:00	579.10	99.5	0.00	186.9	0.00	7457.64 321.0
19:15:00	578.70	99.9	0.00	186.8	0.00	7456.99 321.0
19:20:00	577.75	98.3	0.00	187.1	0.00	7456.31 321.0
19:25:00	577.89	100.7	0.00	187.3	0.00	7455.86 321.0
19:30:00	577.47	100.0	0.00	187.1	0.00	7455.45 321.0
19:35:00	577.15	99.4	0.00	187.1	0.00	7454.98 321.0

Date	PANEX		PANEX				HP QUARTZ	
06/06/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
19:40:00	576.97	98.7	0.00	187.4	0.00	0.0	7454.76	321.0
19:45:00	576.82	99.5	0.00	187.4	0.00	0.0	7454.37	321.0
19:50:00	576.63	99.2	0.00	187.5	0.00	0.0	7453.86	321.0
19:55:00	575.80	97.5	0.00	187.7	0.00	0.0	7453.37	321.0
20:00:00	575.91	99.3	0.00	187.4	0.00	0.0	7450.71	321.0
20:05:00	575.25	96.9	0.00	187.4	0.00	0.0	7450.57	321.0
20:10:00	575.42	97.1	0.00	187.3	0.00	0.0	7452.69	321.0
20:15:00	575.23	96.7	0.00	187.2	0.00	0.0	7452.15	321.0
20:20:00	574.75	95.9	0.00	187.5	0.00	0.0	7451.76	321.0
20:25:00	574.38	95.8	0.00	187.3	0.00	0.0	7451.14	321.0
20:30:00	574.35	96.5	0.00	187.1	0.00	0.0	7450.70	321.0
20:35:00	573.74	94.5	0.00	187.3	0.00	0.0	7450.47	321.0
20:40:00	573.57	94.7	0.00	187.4	0.00	0.0	7448.82	321.0
20:45:00	573.50	95.7	0.00	187.7	0.00	0.0	7449.75	321.0
20:50:00	573.27	94.6	0.00	187.6	0.00	0.0	7449.54	321.0
20:55:00	573.16	94.5	0.00	187.5	0.00	0.0	7376.52	321.0
21:00:00	572.81	93.7	0.00	187.6	0.00	0.0	7448.92	321.0
21:05:00	572.31	92.4	0.00	187.6	0.00	0.0	7447.74	321.0
21:10:00	572.40	94.7	0.00	187.8	0.00	0.0	7447.97	321.0
21:15:00	572.01	94.5	0.00	187.8	0.00	0.0	7447.55	321.0
21:20:00	571.20	92.2	0.00	187.7	0.00	0.0	7446.36	321.0
21:25:00	570.86	91.8	0.00	187.8	0.00	0.0	7445.32	321.0
21:30:00	570.57	92.8	0.00	187.9	0.00	0.0	7445.40	321.0
21:35:00	570.10	92.6	0.00	187.8	0.00	0.0	7445.58	321.0
21:40:00	570.30	91.5	0.00	187.7	0.00	0.0	7443.94	321.0
21:45:00	570.41	91.8	0.00	187.9	0.00	0.0	7445.78	321.0
21:50:00	570.08	92.4	0.00	187.6	0.00	0.0	7445.08	321.0
21:55:00	569.53	91.2	0.00	187.8	0.00	0.0	7444.67	321.0
22:00:00	569.58	91.4	0.00	187.8	0.00	0.0	7445.08	321.0
22:05:00	569.44	91.1	0.00	188.0	0.00	0.0	7444.73	321.0
22:10:00	569.50	90.9	0.00	188.0	0.00	0.0	7444.39	321.0
22:15:00	568.20	89.3	0.00	188.1	0.00	0.0	7443.74	321.0
22:20:00	567.97	89.9	0.00	187.8	0.00	0.0	7443.22	321.0
22:25:00	567.30	89.4	0.00	187.8	0.00	0.0	7442.69	321.0
22:30:00	567.16	89.7	0.00	188.3	0.00	0.0	7442.20	321.0
22:35:00	566.83	89.7	0.00	188.1	0.00	0.0	7441.87	321.0
22:40:00	566.53	88.7	0.00	188.1	0.00	0.0	7440.72	321.0
22:45:00	566.01	88.5	0.00	188.1	0.00	0.0	7441.18	321.0
22:50:00	565.69	88.7	0.00	188.2	0.00	0.0	7440.84	321.0
22:55:00	565.66	89.3	0.00	188.0	0.00	0.0	7437.65	321.0
23:00:00	565.56	89.4	0.00	187.8	0.00	0.0	7440.23	321.0
23:05:00	565.38	88.2	0.00	187.8	0.00	0.0	7440.31	321.0
23:10:00	565.10	88.7	0.00	188.1	0.00	0.0	7439.93	321.0
23:15:00	565.14	89.6	0.00	188.3	0.00	0.0	7439.49	321.0
23:20:00	564.11	88.1	0.00	188.5	0.00	0.0	7439.06	321.0
23:25:00	563.94	88.5	0.00	188.0	0.00	0.0	7429.41	321.0
23:30:00	563.43	88.0	0.00	188.1	0.00	0.0	7436.58	321.0
23:35:00	563.28	89.0	0.00	187.9	0.00	0.0	7437.59	321.0
23:40:00	562.61	89.0	0.00	188.1	0.00	0.0	7437.16	321.0
23:45:00	562.27	89.1	0.00	188.1	0.00	0.0	7436.76	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/06/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
23:50:00	561.82	88.6	0.00	188.2	0.00	0.0	7436.34	321.0
23:55:00	561.54	87.8	0.00	188.4	0.00	0.0	7435.35	321.0
00:00:00	561.58	87.7	0.00	188.2	0.00	0.0	7436.01	321.0
00:05:00	561.67	88.2	0.00	188.3	0.00	0.0	7435.71	321.0
00:10:00	561.59	88.9	0.00	188.4	0.00	0.0	7435.68	321.0
00:15:00	561.12	87.5	0.00	188.2	0.00	0.0	7435.44	321.0
00:20:00	560.48	88.0	0.00	188.2	0.00	0.0	7435.01	321.0
00:25:00	559.96	88.3	0.00	188.3	0.00	0.0	7434.23	321.0
00:30:00	559.23	87.1	0.00	188.3	0.00	0.0	7433.94	321.0
00:35:00	559.26	88.7	0.00	188.3	0.00	0.0	7433.38	321.0
00:40:00	558.75	88.1	0.00	187.9	0.00	0.0	7428.54	321.0
00:45:00	558.04	87.4	0.00	188.1	0.00	0.0	7432.48	321.0
00:50:00	558.37	89.0	0.00	188.4	0.00	0.0	7432.28	321.0
00:55:00	558.01	88.7	0.00	188.4	0.00	0.0	7432.24	321.0
01:00:00	558.00	88.2	0.00	188.3	0.00	0.0	7431.94	321.0
01:05:00	555.90	87.1	0.00	188.1	0.00	0.0	7430.62	321.0
01:10:00	554.33	86.8	0.00	188.2	0.00	0.0	7428.79	321.0
01:15:00	554.46	87.9	0.00	188.4	0.00	0.0	7424.21	321.0
01:20:00	554.89	89.1	0.00	188.0	0.00	0.0	7428.68	321.0
01:25:00	554.45	86.5	0.00	188.1	0.00	0.0	7428.96	321.0
01:30:00	554.27	87.9	0.00	187.7	0.00	0.0	7428.48	321.0
01:35:00	553.45	87.0	0.00	187.9	0.00	0.0	7427.89	321.0
01:40:00	553.81	88.5	0.00	188.2	0.00	0.0	7427.67	321.0
01:45:00	553.17	87.1	0.00	188.1	0.00	0.0	7427.42	321.0
01:50:00	553.22	88.8	0.00	188.2	0.00	0.0	7421.78	321.0
01:55:00	552.95	89.2	0.00	188.4	0.00	0.0	7426.63	321.0
02:00:00	552.29	88.1	0.00	188.2	0.00	0.0	7426.13	321.0
02:05:00	551.81	87.6	0.00	188.1	0.00	0.0	7425.90	321.0
02:10:00	552.19	87.3	0.00	188.1	0.00	0.0	7425.70	321.0
02:15:00	551.26	87.3	0.00	188.4	0.00	0.0	7425.46	321.0
02:20:00	551.53	88.6	0.00	188.3	0.00	0.0	7425.36	321.0
02:25:00	551.13	88.2	0.00	188.3	0.00	0.0	7425.01	321.0
02:30:00	550.68	87.6	0.00	188.3	0.00	0.0	7424.70	321.0
02:35:00	550.92	87.7	0.00	188.2	0.00	0.0	7424.75	321.0
02:40:00	549.58	88.3	0.00	188.2	0.00	0.0	7422.92	321.0
02:45:00	548.67	87.2	0.00	188.4	0.00	0.0	7422.55	321.0
02:50:00	548.08	86.6	0.00	188.3	0.00	0.0	7422.51	321.0
02:55:00	548.16	86.3	0.00	188.1	0.00	0.0	7416.55	321.0
03:00:00	548.35	87.7	0.00	188.1	0.00	0.0	7421.22	321.0
03:05:00	547.87	87.3	0.00	188.3	0.00	0.0	7421.59	321.0
03:10:00	547.73	88.4	0.00	188.3	0.00	0.0	7421.22	321.0
03:15:00	547.15	87.4	0.00	188.1	0.00	0.0	7420.87	321.0
03:20:00	547.08	87.8	0.00	187.9	0.00	0.0	7420.07	321.0
03:25:00	547.66	89.2	0.00	188.1	0.00	0.0	7421.06	321.0
03:30:00	546.87	86.6	0.00	188.1	0.00	0.0	7419.48	321.0
03:35:00	547.25	88.1	0.00	188.1	0.00	0.0	7419.36	321.0
03:40:00	546.81	87.5	0.00	188.3	0.00	0.0	7420.59	321.0
03:45:00	546.72	87.7	0.00	188.2	0.00	0.0	7419.47	321.0
03:50:00	546.21	87.0	0.00	188.2	0.00	0.0	7412.04	321.0
03:55:00	545.68	86.2	0.00	188.1	0.00	0.0	7419.39	321.0

Date 06/07/81 Time	PANEX		PANEX		.	.	HP QUARTZ	
	PRES psia	TEMP DegF	PRES psia	FLOW DegF			PRES psia	TEMP DegF
04:00:00	545.78	87.6	0.00	188.4	0.00	0.0	7419.04	321.0
04:05:00	545.44	86.9	0.00	188.3	0.00	0.0	7417.54	321.0
04:10:00	544.67	86.3	0.00	188.5	0.00	0.0	7416.21	321.0
04:15:00	544.70	87.3	0.00	188.5	0.00	0.0	7418.15	321.0
04:20:00	544.01	86.7	0.00	188.4	0.00	0.0	7417.63	321.0
04:25:00	543.45	86.5	0.00	188.1	0.00	0.0	7387.24	321.0
04:30:00	543.77	87.9	0.00	188.1	0.00	0.0	7417.03	321.0
04:35:00	543.07	85.8	0.00	188.2	0.00	0.0	7416.76	321.0
04:40:00	543.06	87.7	0.00	188.3	0.00	0.0	7416.61	321.0
04:45:00	545.70	86.2	0.00	188.5	0.00	0.0	7418.47	321.0
04:50:00	546.07	87.8	0.00	188.6	0.00	0.0	7419.43	321.0
04:55:00	545.90	87.4	0.00	188.3	0.00	0.0	7419.08	321.0
05:00:00	545.39	87.0	0.00	188.8	0.00	0.0	7418.64	321.0
05:05:00	545.25	88.0	0.00	188.5	0.00	0.0	7418.19	321.0
05:10:00	545.06	88.0	0.00	188.5	0.00	0.0	7405.08	321.0
05:15:00	544.44	86.1	0.00	188.4	0.00	0.0	7415.76	321.0
05:20:00	543.85	86.6	0.00	188.7	0.00	0.0	7417.25	321.0
05:25:00	543.34	85.9	0.00	188.2	0.00	0.0	7413.08	321.0
05:30:00	542.78	86.3	0.00	188.4	0.00	0.0	7391.89	321.0
05:35:00	542.59	86.9	0.00	188.3	0.00	0.0	7411.59	321.0
05:40:00	542.63	87.6	0.00	188.5	0.00	0.0	7412.13	321.0
05:45:00	542.23	87.6	0.00	188.4	0.00	0.0	7409.79	321.0
05:50:00	541.83	86.8	0.00	188.5	0.00	0.0	5707.21	321.0
05:55:00	541.15	85.9	0.00	188.5	0.00	0.0	7414.40	321.0
06:00:00	540.78	87.1	0.00	188.4	0.00	0.0	7349.14	321.0
06:05:00	540.03	86.8	0.00	188.6	0.00	0.0	7225.78	321.0
06:10:00	540.54	87.1	0.00	188.4	0.00	0.0	7303.11	321.0
06:15:00	539.81	86.7	0.00	188.4	0.00	0.0	7412.26	321.0
06:20:00	540.28	87.6	0.00	188.4	0.00	0.0	-3812.58	321.0
06:25:00	539.81	87.7	0.00	188.4	0.00	0.0	7399.07	321.0
06:30:00	539.01	86.3	0.00	188.5	0.00	0.0	7377.17	321.0
06:35:00	538.54	87.2	0.00	188.5	0.00	0.0	7375.74	321.0
06:40:00	538.02	87.0	0.00	188.4	0.00	0.0	7396.19	321.0
06:45:00	537.66	87.5	0.00	188.3	0.00	0.0	7410.94	321.0
06:50:00	536.97	86.4	0.00	188.6	0.00	0.0	7410.69	321.0
06:55:00	536.70	86.5	0.00	188.6	0.00	0.0	508.21	321.0
07:00:00	536.52	88.5	0.00	188.8	0.00	0.0	3504.78	321.0
07:05:00	536.27	89.1	0.00	188.8	0.00	0.0	7375.46	321.0
07:10:00	536.11	88.8	0.00	188.5	0.00	0.0	7386.03	321.0
07:15:00	535.96	89.1	0.00	188.2	0.00	0.0	7348.02	321.0
07:20:00	535.69	89.3	0.00	188.4	0.00	0.0	7309.22	321.0
07:25:00	535.50	89.2	0.00	188.4	0.00	0.0	7275.71	321.0
07:30:00	535.34	90.0	0.00	188.5	0.00	0.0	-2404.24	321.0
07:35:00	535.01	89.9	0.00	188.5	0.00	0.0	7386.97	321.0

Incr. Voltage
Before Error

Date	PANEX		PANEX				HP QUARTZ	
06/07/81	PRES	TEMP	PRES	FLOW			PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
09:08:00	528.75	92.9	0.00	180.5	0.00	0.0	7359.79	321.0
09:09:00	528.80	92.2	0.00	181.6	0.00	0.0	7361.97	321.0
09:10:00	528.81	92.4	0.00	182.4	0.00	0.0	7344.09	321.0
09:11:00	528.61	91.7	0.00	182.9	0.00	0.0	7154.20	321.0
09:12:00	528.40	90.5	0.00	183.3	0.00	0.0	7353.29	321.0
09:13:00	528.25	90.5	0.00	184.0	0.00	0.0	7355.40	321.0
09:14:00	528.46	92.6	0.00	185.0	0.00	0.0	7351.74	321.0
09:15:00	528.55	91.6	0.00	185.2	0.00	0.0	7330.41	321.0
09:16:00	528.49	91.6	0.00	185.6	0.00	0.0	7344.31	321.0
09:17:00	528.40	91.1	0.00	186.1	0.00	0.0	7343.92	321.0
09:18:00	528.35	90.8	0.00	186.1	0.00	0.0	7345.84	321.0
09:19:00	528.72	92.7	0.00	186.4	0.00	0.0	7346.51	321.0
09:20:00	528.04	90.2	0.00	186.7	0.00	0.0	7335.05	321.0
09:21:00	528.31	90.7	0.00	186.9	0.00	0.0	7321.31	321.0
09:22:00	528.02	90.1	0.00	187.4	0.00	0.0	7333.69	321.0
09:23:00	528.44	91.3	0.00	187.6	0.00	0.0	7333.68	321.0
09:24:00	528.36	91.2	0.00	187.7	0.00	0.0	7324.49	321.0
09:25:00	528.57	92.1	0.00	187.8	0.00	0.0	7221.19	321.0
09:26:00	528.44	91.7	0.00	187.9	0.00	0.0	7276.73	321.0
09:27:00	528.20	91.5	0.00	188.1	0.00	0.0	7304.02	321.0
09:28:00	528.17	91.9	0.00	188.1	0.00	0.0	7298.17	321.0
09:29:00	528.33	92.6	0.00	188.2	0.00	0.0	7268.05	321.0
09:30:00	528.20	91.9	0.00	188.1	0.00	0.0	7252.08	321.0
09:31:00	528.09	92.1	0.00	188.0	0.00	0.0	7102.37	321.0
09:32:00	528.10	91.9	0.00	187.9	0.00	0.0	7293.83	321.0
09:33:00	527.87	91.3	0.00	187.9	0.00	0.0	7323.87	321.0
09:34:00	527.52	91.0	0.00	187.9	0.00	0.0	7332.33	321.0
09:35:00	527.67	91.1	0.00	187.9	0.00	0.0	7339.41	321.0
09:36:00	527.79	92.3	0.00	188.1	0.00	0.0	7347.51	321.0
09:37:00	527.62	92.3	0.00	188.2	0.00	0.0	-3669.54	321.0
09:38:00	527.67	92.7	0.00	188.2	0.00	0.0	4984.39	321.0
09:39:00	527.31	91.6	0.00	188.5	0.00	0.0	7207.94	321.0
09:40:00	526.90	90.5	0.00	188.8	0.00	0.0	7317.30	321.0
09:41:00	527.21	92.3	0.00	189.0	0.00	0.0	6740.01	321.0
09:42:00	526.90	91.4	0.00	189.0	0.00	0.0	-666.28	321.0
09:43:00	526.89	91.8	0.00	189.0	0.00	0.0	6239.06	321.0
09:44:00	526.76	91.6	0.00	189.1	0.00	0.0	4099.47	321.0
09:45:00	526.85	93.0	0.00	189.2	0.00	0.0	6449.53	321.0
09:46:00	526.65	92.9	0.00	189.3	0.00	0.0	7041.31	321.0
09:47:00	527.39	92.3	0.00	189.4	0.00	0.0	7174.77	321.0
09:48:00	526.74	93.0	0.00	189.2	0.00	0.0	7185.18	321.0
00:04:00	560.06	82.5	0.00	188.5	0.00	0.0	0.00	0.0
00:05:00	560.14	83.7	0.00	188.5	0.00	0.0	0.00	0.0
00:10:00	557.64	83.3	0.00	188.7	0.00	0.0	0.00	0.0
00:15:00	557.94	84.7	0.00	188.5	0.00	0.0	0.00	0.0
00:20:00	557.56	83.4	0.00	188.3	0.00	0.0	0.00	0.0
00:25:00	557.92	87.0	0.00	188.7	0.00	0.0	0.00	0.0
00:30:00	556.64	84.3	0.00	188.4	0.00	0.0	0.00	0.0
00:35:00	556.57	85.9	0.00	188.5	0.00	0.0	0.00	0.0
00:40:00	557.14	85.3	0.00	188.6	0.00	0.0	0.00	0.0

Date	PANEX		PANEX				HP QUARTZ	
06/08/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
00:45:00	557.64	87.1	0.00	188.7	0.00	0.0	0.00	0.0
00:50:00	557.07	86.9	0.00	188.6	0.00	0.0	0.00	0.0
00:55:00	556.04	84.9	0.00	188.5	0.00	0.0	0.00	0.0
01:00:00	556.49	88.4	0.00	188.4	0.00	0.0	0.00	0.0
01:05:00	554.42	88.2	0.00	188.7	0.00	0.0	0.00	0.0
01:10:00	554.09	87.1	0.00	188.9	0.00	0.0	0.00	0.0
01:15:00	555.13	89.6	0.00	188.4	0.00	0.0	0.00	0.0
01:20:00	554.70	88.8	0.00	188.8	0.00	0.0	0.00	0.0
01:25:00	554.25	87.7	0.00	188.9	0.00	0.0	0.00	0.0
01:30:00	554.27	89.2	0.00	189.0	0.00	0.0	0.00	0.0
01:35:00	553.69	88.0	0.00	189.0	0.00	0.0	0.00	0.0
01:40:00	553.94	91.0	0.00	189.1	0.00	0.0	0.00	0.0
01:45:00	553.52	89.9	0.00	189.0	0.00	0.0	0.00	0.0
01:50:00	553.18	90.5	0.00	188.9	0.00	0.0	0.00	0.0
01:55:00	552.87	90.6	0.00	188.9	0.00	0.0	0.00	0.0
02:00:00	552.61	91.3	0.00	189.1	0.00	0.0	0.00	0.0
02:05:00	552.43	91.3	0.00	188.8	0.00	0.0	0.00	0.0
02:10:00	551.86	90.7	0.00	188.9	0.00	0.0	0.00	0.0
02:15:00	552.11	92.4	0.00	189.0	0.00	0.0	0.00	0.0
02:20:00	552.04	92.9	0.00	189.1	0.00	0.0	0.00	0.0
02:25:00	551.60	92.7	0.00	189.2	0.00	0.0	0.00	0.0
02:30:00	551.26	91.7	0.00	189.0	0.00	0.0	0.00	0.0
02:35:00	551.10	92.5	0.00	189.0	0.00	0.0	0.00	0.0
02:40:00	550.61	91.7	0.00	188.9	0.00	0.0	0.00	0.0
02:45:00	550.84	93.5	0.00	189.2	0.00	0.0	0.00	0.0
02:50:00	550.51	93.2	0.00	189.1	0.00	0.0	0.00	0.0
02:55:00	550.18	93.3	0.00	189.4	0.00	0.0	0.00	0.0
03:00:00	549.68	91.8	0.00	189.1	0.00	0.0	0.00	0.0
03:05:00	549.44	92.6	0.00	189.3	0.00	0.0	0.00	0.0
03:10:00	549.36	94.7	0.00	189.2	0.00	0.0	0.00	0.0
03:15:00	548.84	92.7	0.00	188.9	0.00	0.0	0.00	0.0
03:20:00	549.17	95.3	0.00	189.4	0.00	0.0	0.00	0.0
03:25:00	548.53	93.2	0.00	189.2	0.00	0.0	0.00	0.0
03:30:00	548.66	94.8	0.00	189.1	0.00	0.0	0.00	0.0
03:35:00	548.56	95.0	0.00	189.1	0.00	0.0	0.00	0.0
03:40:00	548.51	95.1	0.00	189.0	0.00	0.0	0.00	0.0
03:45:00	548.28	95.6	0.00	189.2	0.00	0.0	0.00	0.0
03:50:00	547.67	93.2	0.00	189.2	0.00	0.0	0.00	0.0
03:55:00	547.85	94.8	0.00	188.9	0.00	0.0	0.00	0.0
04:00:00	547.23	92.8	0.00	189.1	0.00	0.0	0.00	0.0
04:05:00	547.09	93.8	0.00	189.3	0.00	0.0	0.00	0.0
04:10:00	547.07	95.6	0.00	189.0	0.00	0.0	0.00	0.0
04:15:00	546.75	95.3	0.00	189.3	0.00	0.0	0.00	0.0
04:20:00	546.60	95.0	0.00	189.2	0.00	0.0	0.00	0.0
04:25:00	546.67	96.5	0.00	189.5	0.00	0.0	0.00	0.0
04:30:00	546.15	95.4	0.00	189.2	0.00	0.0	0.00	0.0
04:35:00	546.32	95.5	0.00	189.1	0.00	0.0	0.00	0.0
04:40:00	546.45	96.0	0.00	189.1	0.00	0.0	0.00	0.0
04:45:00	546.00	94.9	0.00	189.5	0.00	0.0	0.00	0.0
04:50:00	545.79	95.0	0.00	189.4	0.00	0.0	0.00	0.0

Date	PANEX		PANEX				HF QUARTZ	
06/08/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
04:55:00	545.38	94.6	0.00	189.1	0.00	0.0	0.00	0.0
05:00:00	545.19	94.7	0.00	189.0	0.00	0.0	0.00	0.0
05:05:00	545.20	96.4	0.00	189.2	0.00	0.0	0.00	0.0
05:10:00	545.00	95.7	0.00	189.4	0.00	0.0	0.00	0.0
05:15:00	544.20	93.5	0.00	189.2	0.00	0.0	0.00	0.0
05:20:00	544.01	94.1	0.00	189.3	0.00	0.0	0.00	0.0
05:25:00	543.92	94.9	0.00	189.3	0.00	0.0	0.00	0.0
05:30:00	543.63	94.9	0.00	189.2	0.00	0.0	0.00	0.0
05:35:00	543.82	96.5	0.00	189.3	0.00	0.0	0.00	0.0
05:40:00	543.48	95.9	0.00	189.1	0.00	0.0	0.00	0.0
05:45:00	543.48	97.0	0.00	189.2	0.00	0.0	0.00	0.0
05:50:00	542.92	96.1	0.00	189.2	0.00	0.0	0.00	0.0
05:55:00	542.88	95.5	0.00	189.2	0.00	0.0	0.00	0.0
06:00:00	542.96	96.5	0.00	189.1	0.00	0.0	0.00	0.0
06:05:00	542.82	96.2	0.00	189.0	0.00	0.0	0.00	0.0
06:10:00	542.71	96.0	0.00	188.6	0.00	0.0	0.00	0.0
06:15:00	542.50	96.3	0.00	189.1	0.00	0.0	0.00	0.0
06:20:00	542.38	96.2	0.00	189.4	0.00	0.0	0.00	0.0
06:25:00	542.04	95.0	0.00	189.3	0.00	0.0	0.00	0.0
06:30:00	541.52	94.2	0.00	189.1	0.00	0.0	0.00	0.0
06:35:00	541.83	96.6	0.00	189.2	0.00	0.0	0.00	0.0
06:40:00	541.35	96.1	0.00	189.3	0.00	0.0	0.00	0.0
06:45:00	541.29	96.5	0.00	189.3	0.00	0.0	0.00	0.0
06:50:00	541.00	96.6	0.00	189.3	0.00	0.0	0.00	0.0
06:55:00	540.71	96.1	0.00	189.6	0.00	0.0	0.00	0.0
07:00:00	540.10	94.9	0.00	189.4	0.00	0.0	0.00	0.0
07:05:00	539.74	94.9	0.00	189.2	0.00	0.0	0.00	0.0
07:10:00	539.34	96.2	0.00	189.5	0.00	0.0	0.00	0.0
07:15:00	539.31	96.4	0.00	189.4	0.00	0.0	0.00	0.0
07:20:00	538.78	95.1	0.00	189.8	0.00	0.0	0.00	0.0
07:25:00	538.68	95.2	0.00	189.9	0.00	0.0	0.00	0.0
07:30:00	538.29	95.4	0.00	189.6	0.00	0.0	0.00	0.0
07:35:00	538.18	95.8	0.00	189.0	0.00	0.0	0.00	0.0
07:40:00	538.05	95.9	0.00	189.3	0.00	0.0	0.00	0.0
07:45:00	538.03	96.9	0.00	189.2	0.00	0.0	0.00	0.0
07:50:00	537.54	96.0	0.00	188.6	0.00	0.0	0.00	0.0
07:55:00	537.19	95.3	0.00	188.6	0.00	0.0	0.00	0.0
08:00:00	536.79	95.9	0.00	188.8	0.00	0.0	0.00	0.0
08:05:00	536.99	97.9	0.00	188.2	0.00	0.0	0.00	0.0
08:10:00	536.35	96.1	0.00	188.9	0.00	0.0	0.00	0.0
08:15:00	536.09	96.6	0.00	188.3	0.00	0.0	0.00	0.0
08:20:00	536.04	97.6	0.00	188.8	0.00	0.0	0.00	0.0
08:25:00	535.56	97.3	0.00	188.2	0.00	0.0	0.00	0.0
08:30:00	535.78	99.9	0.00	188.8	0.00	0.0	0.00	0.0
08:35:00	535.06	98.8	0.00	189.0	0.00	0.0	0.00	0.0
08:40:00	534.80	99.3	0.00	188.6	0.00	0.0	0.00	0.0
08:45:00	534.27	98.0	0.00	188.6	0.00	0.0	0.00	0.0
08:50:00	534.24	99.1	0.00	189.0	0.00	0.0	0.00	0.0
08:55:00	533.87	98.1	0.00	188.9	0.00	0.0	0.00	0.0
09:00:00	533.83	99.7	0.00	189.1	0.00	0.0	0.00	0.0

Date	PANEX		PANEX				HP QUARTZ	
06/08/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
09:05:00	533.99	101.7	0.00	188.7	0.00	0.0	0.00	0.0
09:10:00	533.28	99.6	0.00	188.6	0.00	0.0	0.00	0.0
09:15:00	533.55	101.8	0.00	188.5	0.00	0.0	0.00	0.0
09:20:00	532.99	100.4	0.00	188.4	0.00	0.0	0.00	0.0
09:25:00	532.87	100.4	0.00	189.0	0.00	0.0	0.00	0.0
09:30:00	532.74	101.9	0.00	188.8	0.00	0.0	0.00	0.0
09:35:00	532.81	102.9	0.00	189.2	0.00	0.0	0.00	0.0
09:40:00	532.09	100.8	0.00	189.3	0.00	0.0	0.00	0.0
09:45:00	532.21	102.9	0.00	189.5	0.00	0.0	0.00	0.0
09:50:00	531.19	100.9	0.00	189.9	0.00	0.0	0.00	0.0
09:55:00	531.39	104.9	0.00	189.4	0.00	0.0	0.00	0.0
10:00:00	530.46	102.5	0.00	189.2	0.00	0.0	0.00	0.0
10:05:00	530.34	104.6	0.00	188.9	0.00	0.0	0.00	0.0
10:10:00	530.42	105.2	0.00	189.2	0.00	0.0	0.00	0.0
10:15:00	530.20	105.4	0.00	189.1	0.00	0.0	0.00	0.0
10:20:00	529.48	103.3	0.00	189.1	0.00	0.0	0.00	0.0
10:25:00	529.68	106.7	0.00	188.9	0.00	0.0	0.00	0.0
10:30:00	529.12	104.4	0.00	189.0	0.00	0.0	0.00	0.0
10:35:00	529.78	108.8	0.00	189.1	0.00	0.0	0.00	0.0
10:40:00	529.46	108.4	0.00	188.9	0.00	0.0	0.00	0.0
10:45:00	528.13	104.9	0.00	189.2	0.00	0.0	0.00	0.0
10:50:00	528.15	107.4	0.00	189.4	0.00	0.0	0.00	0.0
10:55:00	527.64	108.0	0.00	189.2	0.00	0.0	0.00	0.0
11:00:00	527.53	109.0	0.00	189.5	0.00	0.0	0.00	0.0
11:05:00	527.49	109.2	0.00	189.3	0.00	0.0	0.00	0.0
11:10:00	527.37	111.0	0.00	189.7	0.00	0.0	0.00	0.0
11:15:00	526.77	111.3	0.00	189.1	0.00	0.0	0.00	0.0
11:20:00	526.37	110.7	0.00	189.2	0.00	0.0	0.00	0.0
11:25:00	526.92	112.4	0.00	189.6	0.00	0.0	0.00	0.0
11:30:00	526.19	111.2	0.00	189.6	0.00	0.0	0.00	0.0
11:35:00	526.31	113.1	0.00	189.0	0.00	0.0	0.00	0.0
11:40:00	526.02	112.4	0.00	189.7	0.00	0.0	0.00	0.0
11:45:00	525.97	112.5	0.00	189.6	0.00	0.0	0.00	0.0
11:50:00	525.64	112.9	0.00	189.8	0.00	0.0	0.00	0.0
11:55:00	525.39	113.5	0.00	189.6	0.00	0.0	0.00	0.0
12:00:00	525.23	113.7	0.00	190.0	0.00	0.0	0.00	0.0
12:05:00	524.92	113.3	0.00	189.9	0.00	0.0	0.00	0.0
12:10:00	524.71	114.3	0.00	190.1	0.00	0.0	0.00	0.0
12:15:00	524.15	114.0	0.00	189.8	0.00	0.0	0.00	0.0
12:20:00	522.71	115.4	0.00	189.3	0.00	0.0	0.00	0.0
12:25:00	522.34	114.8	0.00	189.6	0.00	0.0	0.00	0.0
12:30:00	521.95	115.0	0.00	189.0	0.00	0.0	0.00	0.0
12:35:00	521.91	115.9	0.00	189.4	0.00	0.0	0.00	0.0
12:40:00	521.97	115.3	0.00	190.0	0.00	0.0	0.00	0.0
12:45:00	521.87	116.0	0.00	189.9	0.00	0.0	0.00	0.0
12:50:00	521.67	115.8	0.00	189.6	0.00	0.0	0.00	0.0
12:55:00	521.35	116.6	0.00	189.9	0.00	0.0	0.00	0.0
13:00:00	521.08	116.1	0.00	189.3	0.00	0.0	0.00	0.0
13:05:00	521.01	115.9	0.00	189.4	0.00	0.0	0.00	0.0
13:10:00	520.93	115.8	0.00	189.9	0.00	0.0	0.00	0.0

Date	PANEX		PANEX				HF QUARTZ	
06/08/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
13:15:00	520.88	115.9	0.00	190.2	0.00	0.0	0.00	0.0
13:20:00	520.88	117.2	0.00	189.3	0.00	0.0	0.00	0.0
13:25:00	520.96	116.8	0.00	189.0	0.00	0.0	0.00	0.0
13:30:00	521.17	116.7	0.00	189.1	0.00	0.0	0.00	0.0
13:35:00	521.28	117.2	0.00	188.8	0.00	0.0	0.00	0.0
13:40:00	521.49	117.3	0.00	189.1	0.00	0.0	0.00	0.0
13:45:00	541.78	116.4	0.00	188.9	0.00	0.0	0.00	0.0
13:50:00	557.69	116.8	0.00	189.1	0.00	0.0	0.00	0.0
13:55:00	564.25	115.2	0.00	188.5	0.00	0.0	0.00	0.0
14:00:00	568.48	115.1	0.00	188.7	0.00	0.0	0.00	0.0
14:05:00	571.42	115.3	0.00	188.8	0.00	0.0	0.00	0.0
14:10:00	574.13	114.8	0.00	189.0	0.00	0.0	0.00	0.0
14:15:00	576.83	115.6	0.00	188.4	0.00	0.0	0.00	0.0
14:20:00	578.46	114.6	0.00	188.4	0.00	0.0	0.00	0.0
14:25:00	579.46	115.9	0.00	188.7	0.00	0.0	0.00	0.0
14:30:00	580.85	115.2	0.00	189.1	0.00	0.0	0.00	0.0
14:35:00	559.57	116.3	0.00	188.4	0.00	0.0	0.00	0.0
14:40:00	540.11	116.2	0.00	189.1	0.00	0.0	0.00	0.0
14:45:00	533.22	116.4	0.00	189.4	0.00	0.0	0.00	0.0
14:50:00	529.26	116.0	0.00	189.9	0.00	0.0	0.00	0.0
14:55:00	526.82	118.3	0.00	189.9	0.00	0.0	0.00	0.0
15:00:00	524.72	117.4	0.00	189.6	0.00	0.0	0.00	0.0
15:05:00	523.38	119.5	0.00	190.1	0.00	0.0	0.00	0.0
15:10:00	522.12	119.8	0.00	189.3	0.00	0.0	0.00	0.0
15:15:00	521.31	120.5	0.00	189.2	0.00	0.0	0.00	0.0
15:20:00	520.52	119.7	0.00	189.5	0.00	0.0	0.00	0.0
15:25:00	520.05	120.1	0.00	189.2	0.00	0.0	0.00	0.0
15:30:00	520.09	122.0	0.00	188.8	0.00	0.0	0.00	0.0
15:35:00	519.47	120.6	0.00	189.4	0.00	0.0	0.00	0.0
15:40:00	519.13	121.9	0.00	189.3	0.00	0.0	0.00	0.0
15:45:00	519.27	123.1	0.00	189.5	0.00	0.0	0.00	0.0
15:50:00	519.18	121.5	0.00	189.3	0.00	0.0	0.00	0.0
15:55:00	519.13	121.6	0.00	190.0	0.00	0.0	0.00	0.0
16:00:00	518.66	122.8	0.00	190.0	0.00	0.0	0.00	0.0
16:05:00	518.39	122.8	0.00	189.6	0.00	0.0	0.00	0.0
16:10:00	518.00	123.6	0.00	189.5	0.00	0.0	0.00	0.0
16:15:00	517.25	123.0	0.00	188.5	0.00	0.0	0.00	0.0
16:20:00	517.36	124.0	0.00	189.3	0.00	0.0	0.00	0.0
16:25:00	517.37	124.8	0.00	189.0	0.00	0.0	0.00	0.0
16:30:00	516.97	124.3	0.00	188.8	0.00	0.0	0.00	0.0
16:35:00	516.84	123.9	0.00	189.1	0.00	0.0	0.00	0.0
16:40:00	516.41	123.7	0.00	188.2	0.00	0.0	0.00	0.0
16:45:00	516.40	122.8	0.00	188.4	0.00	0.0	0.00	0.0
16:50:00	516.61	123.4	0.00	188.9	0.00	0.0	0.00	0.0
16:55:00	516.47	123.1	0.00	188.9	0.00	0.0	0.00	0.0
17:00:00	516.52	123.0	0.00	189.2	0.00	0.0	0.00	0.0
17:05:00	515.59	121.1	0.00	188.9	0.00	0.0	0.00	0.0
17:10:00	515.08	121.7	0.00	188.8	0.00	0.0	0.00	0.0
17:15:00	514.69	122.2	0.00	189.2	0.00	0.0	0.00	0.0
17:20:00	514.32	122.0	0.00	189.4	0.00	0.0	0.00	0.0

Date	PANEX		PANEX				HP QUARTZ	
06/08/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
17:25:00	514.00	121.6	0.00	189.1	0.00	0.0	0.00	0.0
17:30:00	514.19	121.7	0.00	189.1	0.00	0.0	0.00	0.0
17:35:00	514.51	121.8	0.00	188.3	0.00	0.0	0.00	0.0
17:40:00	514.74	121.8	0.00	188.7	0.00	0.0	0.00	0.0
17:45:00	514.42	120.8	0.00	188.2	0.00	0.0	0.00	0.0
17:50:00	514.33	120.4	0.00	188.5	0.00	0.0	0.00	0.0
17:55:00	514.13	120.5	0.00	188.6	0.00	0.0	0.00	0.0
18:00:00	513.39	119.1	0.00	188.9	0.00	0.0	0.00	0.0
18:05:00	513.10	119.9	0.00	188.4	0.00	0.0	0.00	0.0
18:10:00	512.74	119.7	0.00	188.7	0.00	0.0	0.00	0.0
18:15:00	512.58	121.2	0.00	188.7	0.00	0.0	0.00	0.0
18:20:00	512.22	120.0	0.00	188.7	0.00	0.0	0.00	0.0
18:25:00	512.43	120.4	0.00	188.2	0.00	0.0	0.00	0.0
18:30:00	512.37	119.2	0.00	188.0	0.00	0.0	0.00	0.0
18:35:00	512.51	119.8	0.00	188.5	0.00	0.0	0.00	0.0
18:40:00	512.20	119.1	0.00	188.9	0.00	0.0	0.00	0.0
18:45:00	512.08	117.8	0.00	188.9	0.00	0.0	0.00	0.0
18:50:00	512.40	118.3	0.00	188.6	0.00	0.0	0.00	0.0
18:55:00	512.06	117.6	0.00	188.3	0.00	0.0	0.00	0.0
19:00:00	512.17	116.5	0.00	188.5	0.00	0.0	0.00	0.0
19:05:00	512.43	117.2	0.00	188.7	0.00	0.0	0.00	0.0
19:10:00	512.34	116.3	0.00	188.4	0.00	0.0	0.00	0.0
19:15:00	512.41	115.3	0.00	188.7	0.00	0.0	0.00	0.0
19:20:00	512.32	114.4	0.00	188.6	0.00	0.0	0.00	0.0
19:25:00	512.26	114.4	0.00	188.8	0.00	0.0	0.00	0.0
19:30:00	512.03	113.3	0.00	188.6	0.00	0.0	0.00	0.0
19:35:00	511.85	112.9	0.00	188.6	0.00	0.0	0.00	0.0
19:40:00	511.82	112.1	0.00	188.8	0.00	0.0	0.00	0.0
19:45:00	511.54	110.9	0.00	188.5	0.00	0.0	0.00	0.0
19:50:00	511.79	110.6	0.00	188.4	0.00	0.0	0.00	0.0
19:55:00	511.66	110.0	0.00	188.5	0.00	0.0	0.00	0.0
20:00:00	511.62	109.9	0.00	188.5	0.00	0.0	0.00	0.0
20:05:00	511.57	109.7	0.00	188.6	0.00	0.0	0.00	0.0
20:10:00	512.92	109.1	0.00	188.4	0.00	0.0	0.00	0.0
20:15:00	513.47	109.1	0.00	188.3	0.00	0.0	0.00	0.0
20:20:00	513.22	108.2	0.00	188.3	0.00	0.0	0.00	0.0
20:25:00	512.75	106.6	0.00	188.4	0.00	0.0	0.00	0.0
20:30:00	512.84	107.4	0.00	188.6	0.00	0.0	0.00	0.0
20:35:00	512.94	108.6	0.00	188.5	0.00	0.0	0.00	0.0
20:40:00	512.14	104.9	0.00	188.5	0.00	0.0	0.00	0.0
20:45:00	512.05	104.9	0.00	188.4	0.00	0.0	0.00	0.0
20:50:00	511.97	105.0	0.00	188.5	0.00	0.0	0.00	0.0
20:55:00	511.98	105.2	0.00	188.6	0.00	0.0	0.00	0.0
21:00:00	511.81	105.2	0.00	188.5	0.00	0.0	0.00	0.0
21:05:00	511.35	104.0	0.00	188.6	0.00	0.0	0.00	0.0
21:10:00	511.50	105.0	0.00	188.4	0.00	0.0	0.00	0.0
21:15:00	511.02	103.6	0.00	188.6	0.00	0.0	0.00	0.0
21:20:00	511.00	104.6	0.00	188.6	0.00	0.0	0.00	0.0
21:25:00	510.79	103.7	0.00	188.5	0.00	0.0	0.00	0.0
21:30:00	510.38	103.0	0.00	188.4	0.00	0.0	0.00	0.0

Date 06/08/81 Time	PANEX		PANEX				HP QUARTZ	
	PRES psia	TEMP DegF	PRES psia	FLOW DegF	.	.	PRES psia	TEMP DegF
21:35:00	510.44	103.5	0.00	188.4	0.00	0.0	0.00	0.0
21:40:00	510.23	103.5	0.00	188.5	0.00	0.0	0.00	0.0
21:45:00	510.17	103.4	0.00	188.6	0.00	0.0	0.00	0.0
21:50:00	509.86	102.7	0.00	188.4	0.00	0.0	0.00	0.0
21:55:00	509.64	102.0	0.00	188.5	0.00	0.0	0.00	0.0
22:00:00	509.61	102.5	0.00	188.2	0.00	0.0	0.00	0.0 New Wireline
22:05:00	509.31	101.6	0.00	188.5	0.00	0.0	0.00	0.0 on location
22:10:00	509.25	101.9	0.00	188.3	0.00	0.0	0.00	0.0 Rigging up
22:15:00	509.13	102.0	0.00	188.2	0.00	0.0	0.00	0.0
22:20:00	509.01	102.3	0.00	188.3	0.00	0.0	0.00	0.0
22:25:00	508.62	101.3	0.00	188.3	0.00	0.0	0.00	0.0
22:30:00	508.54	100.8	0.00	188.2	0.00	0.0	0.00	0.0
22:35:00	508.41	100.9	0.00	188.4	0.00	0.0	0.00	0.0
22:40:00	508.33	101.4	0.00	188.3	0.00	0.0	0.00	0.0
22:45:00	508.27	100.8	0.00	188.4	0.00	0.0	0.00	0.0
22:50:00	508.19	101.1	0.00	188.3	0.00	0.0	0.00	0.0
22:55:00	507.91	100.8	0.00	188.5	0.00	0.0	0.00	0.0
23:00:00	507.74	100.7	0.00	188.6	0.00	0.0	0.00	0.0
23:05:00	517.96	99.5	0.00	186.4	0.00	0.0	0.00	0.0
23:10:00	526.96	101.1	0.00	184.2	0.00	0.0	0.00	0.0
23:15:00	530.81	100.0	0.00	183.9	0.00	0.0	0.00	0.0
23:20:00	535.19	101.3	0.00	183.4	0.00	0.0	0.00	0.0
23:25:00	536.56	100.4	0.00	183.6	0.00	0.0	0.00	0.0
23:30:00	533.08	99.0	0.00	184.9	0.00	0.0	0.00	0.0
23:35:00	532.54	100.3	0.00	184.8	0.00	0.0	0.00	0.0
23:40:00	532.78	99.0	0.00	183.8	0.00	0.0	0.00	0.0
23:45:00	530.76	100.4	0.00	183.8	0.00	0.0	0.00	0.0
23:50:00	530.55	100.4	0.00	183.5	0.00	0.0	0.00	0.0
23:55:00	530.16	99.4	0.00	183.2	0.00	0.0	0.00	0.0
00:00:00	531.76	99.7	0.00	182.8	0.00	0.0	0.00	0.0
00:05:00	530.21	98.0	0.00	183.1	0.00	0.0	0.00	0.0
00:10:00	528.28	100.2	0.00	184.1	0.00	0.0	0.00	0.0
00:15:00	527.39	99.7	0.00	184.2	0.00	0.0	0.00	0.0
00:20:00	524.67	100.0	0.00	184.4	0.00	0.0	0.00	0.0
00:25:00	520.47	97.9	0.00	186.6	0.00	0.0	0.00	0.0
00:30:00	515.79	100.3	0.00	187.5	0.00	0.0	0.00	0.0
00:35:00	512.89	97.4	0.00	187.6	0.00	0.0	0.00	0.0
00:40:00	511.58	98.2	0.00	187.7	0.00	0.0	0.00	0.0
00:45:00	510.76	99.1	0.00	187.8	0.00	0.0	0.00	0.0
00:50:00	598.59	98.8	0.00	174.4	0.00	0.0	0.00	0.0
00:55:00	616.60	99.0	0.00	158.9	0.00	0.0	0.00	0.0
01:00:00	618.28	98.4	0.00	156.0	0.00	0.0	0.00	0.0
01:05:00	569.14	97.8	0.00	164.7	0.00	0.0	0.00	0.0
01:10:00	607.48	98.2	0.00	166.3	0.00	0.0	0.00	0.0
01:15:00	616.38	98.0	0.00	159.0	0.00	0.0	0.00	0.0
01:20:00	563.74	99.0	0.00	168.2	0.00	0.0	0.00	0.0
01:25:00	547.50	98.8	0.00	177.2	0.00	0.0	0.00	0.0
01:30:00	548.88	97.5	0.00	178.0	0.00	0.0	0.00	0.0
01:35:00	548.43	98.8	0.00	179.3	0.00	0.0	0.00	0.0
01:40:00	547.19	98.6	0.00	179.9	0.00	0.0	0.00	0.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
01:45:00	545.77	96.5	0.00	179.9	0.00	0.0	0.00	0.0
01:50:00	544.88	97.4	0.00	179.7	0.00	0.0	0.00	0.0
01:55:00	536.20	98.1	0.00	182.6	0.00	0.0	0.00	0.0
02:00:00	534.21	97.8	0.00	182.5	0.00	0.0	0.00	0.0
02:05:00	532.81	97.5	0.00	182.6	0.00	0.0	0.00	0.0
02:10:00	535.81	96.8	0.00	181.2	0.00	0.0	0.00	0.0
02:15:00	536.55	97.2	0.00	181.0	0.00	0.0	0.00	0.0
02:20:00	536.97	97.1	0.00	180.7	0.00	0.0	0.00	0.0
02:25:00	534.61	97.1	0.00	181.1	0.00	0.0	0.00	0.0
02:30:00	535.71	96.7	0.00	180.8	0.00	0.0	0.00	0.0
02:35:00	535.78	97.2	0.00	181.0	0.00	0.0	0.00	0.0
02:40:00	531.07	96.5	0.00	182.8	0.00	0.0	0.00	0.0
02:45:00	532.17	97.1	0.00	181.8	0.00	0.0	0.00	0.0
02:50:00	534.06	97.3	0.00	180.9	0.00	0.0	0.00	0.0
02:55:00	534.43	97.2	0.00	180.7	0.00	0.0	0.00	0.0
03:00:00	532.30	96.6	0.00	181.2	0.00	0.0	0.00	0.0 Ready to Start
03:05:00	532.08	97.0	0.00	181.3	0.00	0.0	0.00	0.0 Down Hole
03:10:00	532.74	96.8	0.00	180.7	0.00	0.0	0.00	0.0
03:15:00	533.22	97.3	0.00	180.8	0.00	0.0	0.00	0.0
03:20:00	527.19	96.6	0.00	182.6	0.00	0.0	0.00	0.0
03:25:00	530.90	96.9	0.00	180.9	0.00	0.0	0.00	0.0
03:30:00	524.80	96.1	0.00	183.1	0.00	0.0	0.00	0.0
03:35:00	529.03	96.1	0.00	180.9	0.00	0.0	0.00	0.0
03:40:00	530.43	96.1	0.00	180.6	0.00	0.0	0.00	0.0
03:45:00	530.89	96.7	0.00	180.2	0.00	0.0	0.00	0.0
03:50:00	531.00	96.8	0.00	180.3	0.00	0.0	0.00	0.0
03:55:00	531.67	96.4	0.00	180.4	0.00	0.0	0.00	0.0
04:00:00	518.88	95.4	0.00	185.7	0.00	0.0	0.00	0.0
04:05:00	523.30	96.4	0.00	182.4	0.00	0.0	0.00	0.0
04:10:00	527.69	96.8	0.00	180.1	0.00	0.0	0.00	0.0
04:15:00	528.63	95.6	0.00	179.8	0.00	0.0	0.00	0.0
04:20:00	523.90	96.1	0.00	181.9	0.00	0.0	0.00	0.0
04:25:00	521.56	96.8	0.00	182.5	0.00	0.0	0.00	0.0
04:30:00	520.09	96.4	0.00	182.7	0.00	0.0	0.00	0.0
04:35:00	521.85	95.3	0.00	181.7	0.00	0.0	0.00	0.0
04:40:00	522.41	96.0	0.00	181.3	0.00	0.0	0.00	0.0
04:45:00	522.48	96.5	0.00	181.2	0.00	0.0	0.00	0.0
04:50:00	519.74	96.6	0.00	182.3	0.00	0.0	0.00	0.0
04:55:00	521.28	96.2	0.00	181.8	0.00	0.0	0.00	0.0
05:00:00	522.10	96.7	0.00	181.1	0.00	0.0	0.00	0.0
05:05:00	520.57	96.0	0.00	181.7	0.00	0.0	0.00	0.0
05:10:00	522.62	96.2	0.00	180.7	0.00	0.0	0.00	0.0
05:15:00	523.55	96.3	0.00	180.4	0.00	0.0	0.00	0.0
05:20:00	520.93	96.8	0.00	180.8	0.00	0.0	0.00	0.0
05:25:00	511.13	96.1	0.00	184.4	0.00	0.0	0.00	0.0
05:30:00	505.60	95.5	0.00	186.6	0.00	0.0	0.00	0.0
05:35:00	503.59	96.1	0.00	186.7	0.00	0.0	0.00	0.0
05:40:00	502.17	96.3	0.00	186.8	0.00	0.0	0.00	0.0
05:45:00	501.05	95.6	0.00	186.8	0.00	0.0	0.00	0.0
05:50:00	500.15	95.8	0.00	186.7	0.00	0.0	0.00	0.0

Date	PANEX		PANEX		.	.	HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
05:55:00	499.50	96.5	0.00	186.8	0.00	0.0	0.00	0.0
06:00:00	498.78	97.3	0.00	186.9	0.00	0.0	0.00	0.0
06:05:00	498.04	96.5	0.00	187.1	0.00	0.0	0.00	0.0
06:10:00	497.95	97.4	0.00	187.1	0.00	0.0	0.00	0.0
06:15:00	498.41	96.7	0.00	186.5	0.00	0.0	0.00	0.0
06:20:00	613.36	96.7	0.00	169.8	0.00	0.0	0.00	0.0
06:25:00	655.95	96.8	0.00	156.2	0.00	0.0	0.00	0.0
06:30:00	663.26	96.4	0.00	148.0	0.00	0.0	0.00	0.0
06:35:00	681.51	96.3	0.00	143.6	0.00	0.0	0.00	0.0
06:40:00	695.17	96.9	0.00	140.8	0.00	0.0	0.00	0.0
06:45:00	710.88	96.1	0.00	139.1	0.00	0.0	0.00	0.0
06:50:00	574.45	97.0	0.00	140.5	0.00	0.0	0.00	0.0
06:55:00	523.63	96.7	0.00	153.8	0.00	0.0	0.00	0.0
07:00:00	508.72	95.7	0.00	165.3	0.00	0.0	0.00	0.0
07:05:00	501.68	96.9	0.00	171.8	0.00	0.0	0.00	0.0
07:10:00	496.29	96.1	0.00	175.7	0.00	0.0	0.00	0.0
07:15:00	492.58	96.6	0.00	178.3	0.00	0.0	0.00	0.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
07:25:00	487.04	97.0	0.00	181.0	0.00	0.0	16.56	321.0
07:30:00	484.68	96.0	0.00	182.1	0.00	0.0	16.58	321.0
07:35:00	480.38	95.0	0.00	182.5	0.00	0.0	22.84	321.0
07:36:00	476.25	95.9	0.00	182.5	0.00	0.0	560.97	321.0
07:37:00	478.78	97.2	0.00	182.7	0.00	0.0	574.79	321.0
07:38:00	479.67	96.4	0.00	182.8	0.00	0.0	575.51	321.0
07:39:00	479.95	96.1	0.00	182.9	0.00	0.0	577.91	321.0
07:40:00	480.17	96.8	0.00	183.1	0.00	0.0	579.47	321.0
07:41:00	480.34	97.1	0.00	183.3	0.00	0.0	580.97	321.0
07:42:00	480.27	97.3	0.00	183.4	0.00	0.0	581.32	321.0
07:43:00	480.14	96.1	0.00	183.4	0.00	0.0	582.90	321.0
07:44:00	480.12	96.7	0.00	183.4	0.00	0.0	581.51	321.0
07:45:00	480.02	96.3	0.00	183.5	0.00	0.0	484.85	321.0
07:46:00	479.94	97.2	0.00	183.4	0.00	0.0	317.36	321.0
07:47:00	479.70	97.0	0.00	183.4	0.00	0.0	478.95	321.0
07:48:00	479.61	97.1	0.00	183.5	0.00	0.0	582.83	321.0
07:49:00	479.59	97.1	0.00	183.5	0.00	0.0	647.18	321.0
07:50:00	479.63	98.2	0.00	183.6	0.00	0.0	710.13	321.0
07:51:00	479.42	97.7	0.00	183.7	0.00	0.0	743.81	321.0
07:55:00	478.81	96.3	0.00	183.8	0.00	0.0	797.46	321.0
08:00:00	477.98	94.7	0.00	183.7	0.00	0.0	879.60	321.0
08:05:00	478.50	98.0	0.00	184.2	0.00	0.0	987.49	321.0
08:10:00	477.83	96.9	0.00	184.6	0.00	0.0	1116.49	321.0
08:15:00	477.27	95.8	0.00	184.4	0.00	0.0	1289.66	321.0
08:20:00	476.81	98.2	0.00	184.7	0.00	0.0	1379.56	321.0
08:25:00	475.71	97.7	0.00	184.3	0.00	0.0	1519.54	321.0
08:30:00	473.82	96.5	0.00	184.4	0.00	0.0	1672.71	321.0
08:35:00	472.56	97.1	0.00	184.1	0.00	0.0	1823.69	321.0
08:40:00	471.00	97.9	0.00	184.4	0.00	0.0	1996.58	321.0
08:45:00	470.24	99.9	0.00	184.5	0.00	0.0	2182.70	321.0
08:50:00	468.95	100.7	0.00	184.4	0.00	0.0	2366.15	321.0
08:55:00	467.81	100.2	0.00	184.3	0.00	0.0	2574.06	321.0
09:00:00	466.72	99.4	0.00	184.8	0.00	0.0	2819.56	321.0
09:05:00	466.98	102.3	0.00	185.3	0.00	0.0	3094.28	321.0
09:10:00	466.36	102.0	0.00	184.7	0.00	0.0	3313.54	321.0
09:15:00	465.94	100.3	0.00	183.7	0.00	0.0	3577.32	321.0
09:20:00	466.33	101.7	0.00	184.7	0.00	0.0	3836.03	321.0
09:25:00	466.48	102.0	0.00	184.8	0.00	0.0	4086.00	321.0
09:30:00	466.06	102.4	0.00	184.2	0.00	0.0	4313.86	321.0
09:35:00	465.80	102.3	0.00	184.4	0.00	0.0	4547.92	321.0
09:40:00	464.97	102.7	0.00	184.2	0.00	0.0	4702.60	321.0
09:45:00	464.47	103.7	0.00	184.8	0.00	0.0	4986.24	321.0
09:50:00	463.72	103.8	0.00	185.0	0.00	0.0	5255.77	321.0
09:55:00	462.31	103.1	0.00	185.1	0.00	0.0	5534.46	321.0
10:00:00	460.44	103.3	0.00	184.8	0.00	0.0	5800.80	321.0
10:05:00	458.80	105.5	0.00	184.9	0.00	0.0	6006.95	321.0
10:10:00	456.75	105.8	0.00	184.7	0.00	0.0	6239.19	321.0
10:15:00	454.80	105.1	0.00	184.8	0.00	0.0	6483.55	321.0
10:20:00	454.16	106.1	0.00	185.0	0.00	0.0	6743.01	321.0
10:25:00	454.60	107.1	0.00	185.3	0.00	0.0	7013.69	321.0

Started D.

Date	PANEX		PANEX				HP QUARTZ		
06/09/81 Time	PRES psia	TEMP DegF	PRES psia	FLOW DegF	.	.	PRES psia	TEMP DegF	
10:30:00	454.82	108.0	0.00	185.2	0.00	0.0	7272.31	321.0	@16,536
10:35:00	452.92	108.3	0.00	185.6	0.00	0.0	7377.57	321.0	
10:40:00	450.19	108.9	0.00	185.3	0.00	0.0	7366.60	321.0	
10:45:00	448.53	109.5	0.00	185.7	0.00	0.0	7362.64	321.0	
10:50:00	448.42	109.2	0.00	186.3	0.00	0.0	7361.10	321.0	
10:55:00	448.66	110.3	0.00	186.0	0.00	0.0	7359.73	321.0	
11:00:00	447.51	110.7	0.00	185.6	0.00	0.0	7357.65	321.0	
11:05:00	447.97	110.7	0.00	185.7	0.00	0.0	7356.78	321.0	
11:10:00	449.44	112.4	0.00	185.9	0.00	0.0	7356.70	321.0	
11:15:00	450.28	112.1	0.00	185.3	0.00	0.0	7356.71	321.0	
11:20:00	451.30	112.9	0.00	185.8	0.00	0.0	7357.00	321.0	
11:25:00	451.37	113.4	0.00	186.1	0.00	0.0	7356.84	321.0	
11:30:00	450.93	114.0	0.00	186.5	0.00	0.0	7356.47	321.0	
11:32:50	450.45	114.4	0.00	186.2	0.00	0.0	7356.01	321.0	
11:33:00	450.50	114.9	0.00	186.2	0.00	0.0	7356.00	321.0	
11:33:10	450.50	114.3	0.00	186.2	0.00	0.0	7355.94	321.0	
11:33:20	450.36	114.4	0.00	186.1	0.00	0.0	7355.88	321.0	
11:33:30	450.45	114.7	0.00	186.1	0.00	0.0	7355.94	321.0	
11:33:40	450.28	113.8	0.00	186.1	0.00	0.0	7355.90	321.0	
11:33:50	450.43	114.7	0.00	186.0	0.00	0.0	7355.96	321.0	
11:34:00	450.29	114.5	0.00	186.0	0.00	0.0	7355.86	321.0	
11:34:10	450.17	114.1	0.00	186.0	0.00	0.0	7355.83	321.0	
11:34:20	450.14	113.7	0.00	186.0	0.00	0.0	7355.78	321.0	
11:34:30	450.16	113.9	0.00	186.0	0.00	0.0	7355.72	321.0	
11:34:40	450.02	113.7	0.00	186.0	0.00	0.0	7355.71	321.0	
11:34:50	450.16	114.7	0.00	186.0	0.00	0.0	7355.63	321.0	
11:35:00	450.25	114.9	0.00	186.0	0.00	0.0	7355.61	321.0	
11:35:10	450.06	114.1	0.00	186.0	0.00	0.0	7355.69	321.0	
11:35:20	450.07	114.9	0.00	186.0	0.00	0.0	7355.47	321.0	
11:35:30	450.05	114.9	0.00	186.0	0.00	0.0	7355.49	321.0	
11:35:40	450.05	115.0	0.00	186.0	0.00	0.0	7355.44	321.0	
11:35:50	449.90	114.1	0.00	186.1	0.00	0.0	7355.42	321.0	
11:36:00	450.04	115.2	0.00	186.1	0.00	0.0	7355.39	321.0	
11:36:10	449.84	114.0	0.00	186.2	0.00	0.0	7355.40	321.0	
11:36:20	449.99	115.2	0.00	186.2	0.00	0.0	7355.38	321.0	
11:36:30	450.09	115.4	0.00	186.2	0.00	0.0	7355.48	321.0	
11:36:40	449.89	114.7	0.00	186.2	0.00	0.0	7355.42	321.0	
11:36:50	449.87	114.5	0.00	186.3	0.00	0.0	7355.41	321.0	
11:37:00	449.78	114.2	0.00	186.3	0.00	0.0	7355.29	321.0	
11:37:10	449.88	114.8	0.00	186.3	0.00	0.0	7355.31	321.0	
11:37:20	449.79	114.4	0.00	186.3	0.00	0.0	7355.28	321.0	
11:37:30	449.83	115.2	0.00	186.2	0.00	0.0	7355.22	321.0	
11:37:40	449.83	115.4	0.00	186.2	0.00	0.0	7355.27	321.0	
11:37:50	449.86	115.8	0.00	186.2	0.00	0.0	7355.21	321.0	
11:38:00	449.69	114.5	0.00	186.3	0.00	0.0	7355.21	321.0	
11:38:10	449.56	114.2	0.00	186.2	0.00	0.0	7355.24	321.0	
11:38:20	449.56	114.5	0.00	186.2	0.00	0.0	7355.12	321.0	
11:38:30	449.60	115.1	0.00	186.2	0.00	0.0	7355.18	321.0	
11:38:40	449.64	114.9	0.00	186.2	0.00	0.0	7355.08	321.0	
11:38:50	449.57	114.2	0.00	186.3	0.00	0.0	7355.12	321.0	

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
11:39:00	449.60	115.2	0.00	186.2	0.00	0.0	7355.15	321.0
11:39:10	449.60	114.8	0.00	186.3	0.00	0.0	7354.94	321.0
11:39:20	449.70	116.0	0.00	186.3	0.00	0.0	7354.91	321.0
11:39:30	449.61	115.5	0.00	186.3	0.00	0.0	7355.02	321.0
11:39:40	449.64	116.0	0.00	186.3	0.00	0.0	7355.06	321.0
11:39:50	449.52	114.9	0.00	186.4	0.00	0.0	7355.03	321.0
11:40:00	449.42	114.5	0.00	186.5	0.00	0.0	7354.99	321.0
11:40:10	449.52	115.3	0.00	186.4	0.00	0.0	7354.96	321.0
11:40:20	449.45	114.8	0.00	186.5	0.00	0.0	7354.96	321.0
11:40:30	449.30	114.3	0.00	186.5	0.00	0.0	7354.97	321.0
11:40:40	449.27	114.3	0.00	186.5	0.00	0.0	7354.94	321.0
11:40:50	449.46	115.2	0.00	186.5	0.00	0.0	7354.96	321.0
11:41:00	449.51	115.8	0.00	186.5	0.00	0.0	7354.83	321.0
11:41:10	449.19	115.0	0.00	186.5	0.00	0.0	7354.92	321.0
11:41:20	449.26	115.1	0.00	186.5	0.00	0.0	7354.84	321.0
11:41:30	449.28	115.6	0.00	186.5	0.00	0.0	7354.79	321.0
11:41:40	449.19	114.9	0.00	186.5	0.00	0.0	7354.82	321.0
11:41:50	449.25	115.8	0.00	186.4	0.00	0.0	7354.82	321.0
11:42:00	449.19	116.2	0.00	186.4	0.00	0.0	7354.74	321.0
11:42:10	449.32	116.4	0.00	186.4	0.00	0.0	7354.63	321.0
11:42:20	449.02	115.1	0.00	186.4	0.00	0.0	7354.71	321.0
11:42:40	448.99	114.8	0.00	186.4	0.00	0.0	7354.65	321.0
11:42:50	449.12	115.6	0.00	186.4	0.00	0.0	7354.59	321.0
11:43:00	449.06	115.7	0.00	186.4	0.00	0.0	7354.58	321.0
11:43:10	449.02	116.1	0.00	186.3	0.00	0.0	7354.51	321.0
11:43:20	449.05	116.8	0.00	186.3	0.00	0.0	7354.47	321.0
11:43:30	448.85	115.5	0.00	186.4	0.00	0.0	7354.46	321.0
11:43:40	448.81	115.9	0.00	186.4	0.00	0.0	7354.49	321.0
11:43:50	448.80	115.7	0.00	186.4	0.00	0.0	7354.45	321.0
11:44:00	448.90	116.3	0.00	186.4	0.00	0.0	7354.35	321.0
11:44:10	448.96	116.8	0.00	186.4	0.00	0.0	7354.39	321.0
11:44:20	448.85	116.0	0.00	186.4	0.00	0.0	7354.24	321.0
11:44:30	448.54	115.6	0.00	186.4	0.00	0.0	7354.32	321.0
11:44:40	448.65	116.1	0.00	186.4	0.00	0.0	7354.17	321.0
11:44:50	448.69	116.4	0.00	186.4	0.00	0.0	7354.27	321.0
11:45:00	448.82	117.2	0.00	186.4	0.00	0.0	7354.20	321.0
11:45:10	448.70	116.2	0.00	186.4	0.00	0.0	7354.22	321.0
11:45:20	448.54	115.9	0.00	186.4	0.00	0.0	7354.24	321.0
11:45:30	448.60	116.3	0.00	186.3	0.00	0.0	7354.22	321.0
11:45:40	448.73	116.0	0.00	186.3	0.00	0.0	7354.31	321.0
11:45:50	448.69	116.5	0.00	186.2	0.00	0.0	7354.22	321.0
11:46:00	448.66	115.9	0.00	186.2	0.00	0.0	7354.29	321.0
11:46:10	448.75	116.2	0.00	186.1	0.00	0.0	7354.20	321.0
11:46:20	448.76	115.5	0.00	186.0	0.00	0.0	7354.34	321.0
11:46:30	448.98	116.7	0.00	186.0	0.00	0.0	7354.45	321.0
11:46:40	449.00	115.9	0.00	186.0	0.00	0.0	7354.51	321.0
11:46:50	449.07	116.0	0.00	186.0	0.00	0.0	7354.63	321.0
11:47:00	449.43	116.3	0.00	186.0	0.00	0.0	7354.56	321.0
11:47:10	449.66	117.0	0.00	186.0	0.00	0.0	7354.74	321.0
11:47:20	449.62	116.0	0.00	186.0	0.00	0.0	7354.72	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
11:47:30	449.68	115.5	0.00	186.0	0.00	0.0	7354.82	321.0
11:47:40	450.03	116.4	0.00	186.0	0.00	0.0	7355.01	321.0
11:47:50	450.26	115.9	0.00	186.1	0.00	0.0	7355.15	321.0
11:48:00	450.62	116.3	0.00	186.1	0.00	0.0	7355.25	321.0
11:48:10	450.88	116.6	0.00	186.1	0.00	0.0	7355.38	321.0
11:48:20	451.16	117.1	0.00	186.1	0.00	0.0	7355.62	321.0
11:48:30	451.50	116.3	0.00	186.2	0.00	0.0	7355.70	321.0
11:48:40	451.76	116.5	0.00	186.2	0.00	0.0	7355.89	321.0
11:48:50	452.20	116.4	0.00	186.2	0.00	0.0	7356.03	321.0
11:49:00	452.51	115.9	0.00	186.2	0.00	0.0	7356.29	321.0
11:49:10	452.82	115.7	0.00	186.2	0.00	0.0	7356.48	321.0
11:49:20	453.25	116.1	0.00	186.2	0.00	0.0	7356.78	321.0
11:49:30	453.69	117.1	0.00	186.1	0.00	0.0	7355.43	321.0
11:49:40	454.15	117.0	0.00	186.1	0.00	0.0	7353.44	321.0
11:49:50	454.47	116.1	0.00	186.1	0.00	0.0	7350.99	321.0
11:50:00	454.86	116.0	0.00	186.0	0.00	0.0	7348.94	321.0
11:50:10	455.74	117.3	0.00	185.9	0.00	0.0	7345.74	321.0
11:50:20	455.68	116.1	0.00	185.9	0.00	0.0	7342.54	321.0
11:50:30	456.12	116.9	0.00	185.9	0.00	0.0	7340.61	321.0
11:50:40	457.47	117.0	0.00	185.8	0.00	0.0	7334.71	321.0
11:50:50	457.81	117.5	0.00	185.7	0.00	0.0	7330.51	321.0
11:51:00	458.29	117.9	0.00	185.7	0.00	0.0	7327.53	321.0
11:51:10	458.80	116.5	0.00	185.7	0.00	0.0	7323.60	321.0
11:51:20	459.42	116.4	0.00	185.6	0.00	0.0	7319.91	321.0
11:51:30	460.01	116.5	0.00	185.5	0.00	0.0	7316.60	321.0
11:51:40	460.79	116.7	0.00	185.4	0.00	0.0	7312.82	321.0
11:51:50	461.46	117.6	0.00	185.3	0.00	0.0	7309.34	321.0
11:52:00	462.10	116.6	0.00	185.2	0.00	0.0	7305.85	321.0
11:52:10	463.00	117.8	0.00	185.2	0.00	0.0	7302.42	321.0
11:52:20	463.42	116.4	0.00	185.2	0.00	0.0	7299.02	321.0
11:52:30	464.32	117.7	0.00	185.1	0.00	0.0	7295.86	321.0
11:52:50	465.61	116.7	0.00	185.1	0.00	0.0	7290.13	321.0
11:53:00	466.44	117.7	0.00	185.1	0.00	0.0	7287.34	321.0
11:53:10	467.21	118.3	0.00	185.1	0.00	0.0	7284.73	321.0
11:53:20	467.62	116.6	0.00	185.1	0.00	0.0	7282.00	321.0
11:53:30	468.55	117.6	0.00	185.0	0.00	0.0	7279.23	321.0
11:53:40	469.18	117.5	0.00	185.0	0.00	0.0	7276.45	321.0
11:53:50	469.75	116.4	0.00	185.0	0.00	0.0	7273.83	321.0
11:54:00	470.50	116.5	0.00	185.0	0.00	0.0	7270.87	321.0
11:54:10	471.49	118.0	0.00	184.9	0.00	0.0	7268.64	321.0
11:54:20	471.97	117.3	0.00	184.9	0.00	0.0	7266.19	321.0
11:54:30	472.44	116.5	0.00	184.8	0.00	0.0	7263.64	321.0
11:54:40	473.27	116.6	0.00	184.8	0.00	0.0	7261.29	321.0
11:54:50	474.04	116.9	0.00	184.7	0.00	0.0	7259.21	321.0
11:55:00	474.52	117.1	0.00	184.7	0.00	0.0	7256.04	321.0
11:55:10	475.08	116.6	0.00	184.6	0.00	0.0	7253.21	321.0
11:55:20	476.00	117.1	0.00	184.6	0.00	0.0	7249.79	321.0
11:55:30	476.53	117.2	0.00	184.6	0.00	0.0	7246.79	321.0
11:55:40	477.30	117.5	0.00	184.6	0.00	0.0	7243.64	321.0
11:55:50	477.60	116.5	0.00	184.6	0.00	0.0	7240.83	321.0

Started Up
1000 Ft.

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
11:56:00	478.49	117.7	0.00	184.5	0.00	0.0	7237.99	321.0
11:56:10	478.99	116.8	0.00	184.5	0.00	0.0	7234.89	321.0
11:56:20	479.83	118.6	0.00	184.5	0.00	0.0	7231.81	321.0
11:56:30	480.07	116.9	0.00	184.5	0.00	0.0	7228.59	321.0
11:56:40	480.79	117.8	0.00	184.4	0.00	0.0	7225.85	321.0
11:56:50	481.34	116.8	0.00	184.4	0.00	0.0	7222.72	321.0
11:57:00	481.84	117.1	0.00	184.3	0.00	0.0	7219.29	321.0
11:57:10	482.30	116.5	0.00	184.4	0.00	0.0	7216.28	321.0
11:57:20	483.06	118.2	0.00	184.3	0.00	0.0	7213.25	321.0
11:57:30	483.66	118.0	0.00	184.3	0.00	0.0	7209.94	321.0
11:57:40	484.00	116.8	0.00	184.3	0.00	0.0	7206.98	321.0
11:57:50	484.67	117.5	0.00	184.2	0.00	0.0	7203.85	321.0
11:58:00	485.33	118.4	0.00	184.2	0.00	0.0	7200.41	321.0
11:58:10	485.94	117.7	0.00	184.2	0.00	0.0	7197.15	321.0
11:58:20	486.37	117.8	0.00	184.2	0.00	0.0	7193.94	321.0
11:58:30	486.84	117.6	0.00	184.1	0.00	0.0	7190.50	321.0
11:58:40	487.30	117.1	0.00	184.1	0.00	0.0	7187.33	321.0
11:58:50	487.89	117.4	0.00	184.1	0.00	0.0	7184.29	321.0
11:59:00	488.20	117.0	0.00	184.1	0.00	0.0	7181.36	321.0
11:59:10	488.88	118.0	0.00	184.0	0.00	0.0	7176.49	321.0
11:59:20	489.23	117.3	0.00	184.1	0.00	0.0	7172.14	321.0
11:59:30	489.91	117.7	0.00	184.1	0.00	0.0	7167.16	321.0
11:59:40	490.38	118.2	0.00	184.1	0.00	0.0	7162.60	321.0
11:59:50	490.78	117.2	0.00	184.1	0.00	0.0	7157.95	321.0
12:00:00	491.37	117.8	0.00	184.1	0.00	0.0	7153.03	321.0
12:00:10	491.84	117.6	0.00	184.1	0.00	0.0	7148.34	321.0
12:00:20	492.30	117.5	0.00	184.1	0.00	0.0	7143.57	321.0
12:00:30	492.70	117.5	0.00	184.0	0.00	0.0	7138.43	321.0
12:00:40	493.48	118.4	0.00	184.0	0.00	0.0	7133.50	321.0
12:00:50	493.74	117.1	0.00	184.0	0.00	0.0	7128.87	321.0
12:01:00	494.48	117.9	0.00	184.0	0.00	0.0	7123.86	321.0
12:01:10	494.66	117.4	0.00	183.9	0.00	0.0	7118.81	321.0
12:01:20	495.19	117.3	0.00	183.9	0.00	0.0	7113.78	321.0
12:01:30	495.72	118.1	0.00	183.9	0.00	0.0	7108.95	321.0
12:01:40	496.24	118.5	0.00	183.8	0.00	0.0	7104.72	321.0
12:01:50	496.54	117.0	0.00	183.8	0.00	0.0	7100.55	321.0
12:02:00	497.03	117.6	0.00	183.8	0.00	0.0	7096.02	321.0
12:02:10	497.60	117.5	0.00	183.7	0.00	0.0	7091.89	321.0
12:02:20	498.13	118.2	0.00	183.7	0.00	0.0	7087.58	321.0
12:02:30	498.93	119.3	0.00	183.6	0.00	0.0	7083.11	321.0
12:02:40	499.05	117.9	0.00	183.6	0.00	0.0	7079.02	321.0
12:03:00	499.84	117.6	0.00	183.7	0.00	0.0	7071.04	321.0
12:03:10	500.48	119.1	0.00	183.7	0.00	0.0	7066.80	321.0
12:03:20	500.78	117.8	0.00	183.7	0.00	0.0	7062.40	321.0
12:03:30	501.27	118.5	0.00	183.7	0.00	0.0	7058.10	321.0
12:03:40	501.71	118.1	0.00	183.8	0.00	0.0	7053.96	321.0
12:03:50	502.13	118.2	0.00	183.8	0.00	0.0	7050.69	321.0
12:04:00	502.48	118.5	0.00	183.7	0.00	0.0	7046.27	321.0
12:04:10	502.69	117.3	0.00	183.8	0.00	0.0	7042.09	321.0
12:04:20	503.36	118.7	0.00	183.7	0.00	0.0	7037.80	321.0

Date 06/09/81 Time	PANEX		PANEX				HP QUARTZ	
	PRES psia	TEMP DegF	PRES psia	FLOW DegF	.	.	PRES psia	TEMP DegF
12:04:30	503.79	118.7	0.00	183.7	0.00	0.0	7033.99	321.0
12:04:40	504.38	119.5	0.00	183.7	0.00	0.0	7030.33	321.0
12:04:50	504.49	117.7	0.00	183.7	0.00	0.0	7026.77	321.0
12:05:00	504.82	118.3	0.00	183.8	0.00	0.0	7022.07	321.0
12:05:10	505.43	118.9	0.00	183.8	0.00	0.0	7017.37	321.0
12:05:20	505.63	117.3	0.00	183.9	0.00	0.0	7012.69	321.0
12:05:30	506.06	118.2	0.00	183.9	0.00	0.0	7007.80	321.0
12:05:40	506.45	118.5	0.00	183.9	0.00	0.0	7003.59	321.0
12:05:50	506.77	119.1	0.00	183.9	0.00	0.0	6999.29	321.0
12:06:00	507.06	118.0	0.00	184.0	0.00	0.0	6993.92	321.0
12:06:10	507.70	119.7	0.00	184.0	0.00	0.0	6988.79	321.0
12:06:20	507.54	117.3	0.00	184.0	0.00	0.0	6983.71	321.0
12:06:30	508.08	118.0	0.00	184.0	0.00	0.0	6979.00	321.0
12:06:40	508.33	118.5	0.00	184.0	0.00	0.0	6974.41	321.0
12:06:50	508.58	118.1	0.00	184.1	0.00	0.0	6969.25	321.0
12:07:00	508.86	118.5	0.00	184.1	0.00	0.0	6964.10	321.0
12:07:10	509.09	118.1	0.00	184.1	0.00	0.0	6958.88	321.0
12:07:20	509.43	119.1	0.00	184.1	0.00	0.0	6953.86	321.0
12:07:30	509.34	117.6	0.00	184.2	0.00	0.0	6948.81	321.0
12:07:40	509.77	119.8	0.00	184.1	0.00	0.0	6944.06	321.0
12:07:50	509.71	118.9	0.00	184.1	0.00	0.0	6938.76	321.0
12:08:00	509.98	119.0	0.00	184.2	0.00	0.0	6934.61	321.0
12:08:10	509.87	118.3	0.00	184.2	0.00	0.0	6932.64	321.0
12:08:20	510.30	118.9	0.00	184.2	0.00	0.0	6931.76	321.0 @ 15,536 ft.
12:08:30	510.41	119.8	0.00	184.2	0.00	0.0	6930.56	321.0
12:08:40	510.01	118.1	0.00	184.3	0.00	0.0	6930.48	321.0
12:08:50	510.19	118.7	0.00	184.3	0.00	0.0	6929.87	321.0
12:09:00	509.89	118.3	0.00	184.3	0.00	0.0	6929.31	321.0
12:09:10	510.03	119.5	0.00	184.3	0.00	0.0	6929.17	321.0
12:09:20	509.88	119.1	0.00	184.4	0.00	0.0	6928.78	321.0
12:09:30	509.65	119.3	0.00	184.4	0.00	0.0	6928.38	321.0
12:09:40	509.40	118.3	0.00	184.4	0.00	0.0	6928.20	321.0
12:09:50	509.38	119.3	0.00	184.4	0.00	0.0	6927.76	321.0
12:10:00	509.11	119.7	0.00	184.4	0.00	0.0	6927.39	321.0
12:10:10	508.58	118.0	0.00	184.5	0.00	0.0	6926.92	321.0
12:10:20	508.32	118.4	0.00	184.5	0.00	0.0	6926.53	321.0
12:10:30	507.96	119.0	0.00	184.5	0.00	0.0	6926.03	321.0
12:10:40	507.50	118.5	0.00	184.5	0.00	0.0	6925.64	321.0
12:10:50	507.33	118.8	0.00	184.5	0.00	0.0	6925.09	321.0
12:11:00	506.92	118.8	0.00	184.6	0.00	0.0	6924.74	321.0
12:11:10	506.44	118.7	0.00	184.7	0.00	0.0	6924.41	321.0
12:11:20	505.80	117.6	0.00	184.7	0.00	0.0	6923.84	321.0
12:11:30	505.50	118.3	0.00	184.7	0.00	0.0	6923.39	321.0
12:11:40	505.21	119.4	0.00	184.7	0.00	0.0	6922.97	321.0
12:11:50	504.66	119.0	0.00	184.8	0.00	0.0	6922.47	321.0
12:12:00	504.02	118.0	0.00	184.9	0.00	0.0	6921.99	321.0
12:12:10	503.64	118.5	0.00	184.9	0.00	0.0	6921.53	321.0
12:12:20	503.07	118.3	0.00	185.0	0.00	0.0	6921.03	321.0
12:12:30	502.77	119.2	0.00	185.1	0.00	0.0	6920.58	321.0
12:12:40	502.44	119.7	0.00	185.1	0.00	0.0	6920.02	321.0

Date	PANEX		PANEX		.	.	HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
12:12:50	501.76	119.1	0.00	185.1	0.00	0.0	6919.68	321.0
12:13:00	501.29	119.7	0.00	185.2	0.00	0.0	6919.22	321.0
12:13:10	500.89	119.7	0.00	185.2	0.00	0.0	6918.65	321.0
12:13:20	500.48	120.2	0.00	185.3	0.00	0.0	6918.27	321.0
12:13:30	499.99	119.9	0.00	185.4	0.00	0.0	6917.89	321.0
12:13:40	499.47	119.3	0.00	185.5	0.00	0.0	6917.45	321.0
12:13:50	499.02	119.6	0.00	185.6	0.00	0.0	6917.04	321.0
12:14:00	498.32	118.5	0.00	185.6	0.00	0.0	6916.79	321.0
12:14:10	498.28	120.2	0.00	185.6	0.00	0.0	6916.20	321.0
12:14:20	497.71	118.8	0.00	185.7	0.00	0.0	6915.89	321.0
12:14:30	497.12	118.3	0.00	185.7	0.00	0.0	6915.50	321.0
12:14:40	496.77	118.9	0.00	185.8	0.00	0.0	6915.00	321.0
12:14:50	496.59	119.9	0.00	185.8	0.00	0.0	6914.83	321.0
12:15:00	496.18	119.3	0.00	185.8	0.00	0.0	6914.45	321.0
12:15:10	495.75	118.9	0.00	185.8	0.00	0.0	6914.13	321.0
12:15:20	495.42	119.3	0.00	185.8	0.00	0.0	6913.81	321.0
12:15:30	495.06	119.2	0.00	185.8	0.00	0.0	6913.60	321.0
12:15:40	494.77	119.3	0.00	185.8	0.00	0.0	6913.20	321.0
12:15:50	494.39	119.9	0.00	185.8	0.00	0.0	6912.97	321.0
12:16:00	494.18	119.8	0.00	185.7	0.00	0.0	6912.74	321.0
12:16:10	493.94	120.4	0.00	185.7	0.00	0.0	6912.46	321.0
12:16:20	493.59	119.5	0.00	185.8	0.00	0.0	6912.20	321.0
12:16:30	493.09	118.6	0.00	185.7	0.00	0.0	6911.97	321.0
12:16:40	493.03	119.9	0.00	185.7	0.00	0.0	6911.65	321.0
12:16:50	492.91	120.4	0.00	185.6	0.00	0.0	6911.58	321.0
12:17:00	492.58	120.1	0.00	185.7	0.00	0.0	6911.30	321.0
12:18:00	491.22	119.5	0.00	185.5	0.00	0.0	6910.20	321.0
12:19:00	490.26	120.0	0.00	185.6	0.00	0.0	6909.39	321.0
12:20:00	489.39	120.1	0.00	185.7	0.00	0.0	6908.60	321.0
12:21:00	488.81	119.5	0.00	186.0	0.00	0.0	6908.22	321.0
12:22:00	488.78	120.7	0.00	186.0	0.00	0.0	6907.93	321.0
12:23:00	488.63	119.9	0.00	186.0	0.00	0.0	6907.89	321.0
12:24:00	488.61	120.2	0.00	185.9	0.00	0.0	6908.09	321.0
12:25:00	488.71	119.8	0.00	185.8	0.00	0.0	6908.31	321.0
12:26:00	488.78	119.5	0.00	185.9	0.00	0.0	6908.37	321.0
12:27:00	488.93	119.5	0.00	186.1	0.00	0.0	6908.51	321.0
12:28:00	489.14	120.0	0.00	186.2	0.00	0.0	6908.79	321.0
12:29:00	489.28	120.1	0.00	186.2	0.00	0.0	6908.88	321.0
12:30:00	489.39	119.8	0.00	186.2	0.00	0.0	6909.11	321.0
12:31:00	489.68	120.1	0.00	186.2	0.00	0.0	6909.31	321.0
12:32:00	490.04	120.2	0.00	186.1	0.00	0.0	6909.38	321.0
12:33:00	490.16	120.1	0.00	186.1	0.00	0.0	6909.58	321.0
12:34:00	490.33	120.4	0.00	186.3	0.00	0.0	6909.72	321.0
12:35:00	490.26	120.2	0.00	186.3	0.00	0.0	6909.55	321.0
12:36:00	490.21	119.5	0.00	186.2	0.00	0.0	6909.57	321.0
12:37:00	490.23	119.6	0.00	185.9	0.00	0.0	6909.53	321.0
12:38:00	490.19	118.7	0.00	185.8	0.00	0.0	6909.38	321.0
12:39:00	490.16	119.6	0.00	185.9	0.00	0.0	6909.23	321.0
12:40:00	490.09	119.0	0.00	186.0	0.00	0.0	6909.13	321.0
12:41:00	489.88	118.8	0.00	186.2	0.00	0.0	6908.83	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
12:42:00	489.99	119.6	0.00	186.3	0.00	0.0	6908.66	321.0
12:43:00	489.94	120.1	0.00	186.4	0.00	0.0	6908.65	321.0
12:44:00	489.73	119.3	0.00	186.5	0.00	0.0	6908.49	321.0
12:45:00	489.66	120.0	0.00	186.5	0.00	0.0	6908.31	321.0
12:46:00	489.52	119.8	0.00	186.5	0.00	0.0	6908.09	321.0
12:47:00	489.32	119.0	0.00	186.5	0.00	0.0	6907.98	321.0
12:48:00	489.18	119.1	0.00	186.4	0.00	0.0	6907.82	321.0
12:49:00	489.14	119.6	0.00	186.5	0.00	0.0	6907.63	321.0
12:50:00	489.21	120.4	0.00	186.6	0.00	0.0	6907.55	321.0
12:51:00	488.94	119.2	0.00	186.5	0.00	0.0	6907.44	321.0
12:52:00	488.78	119.2	0.00	186.6	0.00	0.0	6907.29	321.0
12:53:00	488.72	120.0	0.00	186.7	0.00	0.0	6907.01	321.0
12:54:00	488.74	120.3	0.00	186.6	0.00	0.0	6906.95	321.0
12:55:00	488.64	119.6	0.00	186.6	0.00	0.0	6906.95	321.0
12:56:00	488.64	120.1	0.00	186.6	0.00	0.0	6906.87	321.0
12:57:00	488.44	119.1	0.00	186.6	0.00	0.0	6906.68	321.0
12:58:00	488.58	120.6	0.00	186.5	0.00	0.0	6906.52	321.0
12:59:00	488.22	119.2	0.00	186.6	0.00	0.0	6906.40	321.0
13:00:00	488.40	120.1	0.00	186.9	0.00	0.0	6906.12	321.0
13:01:00	488.04	119.4	0.00	187.1	0.00	0.0	6906.14	321.0
13:02:00	488.10	119.6	0.00	187.1	0.00	0.0	6905.90	321.0
13:03:00	488.13	120.4	0.00	187.0	0.00	0.0	6905.96	321.0
13:04:00	487.86	119.4	0.00	186.8	0.00	0.0	6905.77	321.0
13:05:00	487.97	120.7	0.00	186.4	0.00	0.0	6905.61	321.0
13:06:00	488.09	120.8	0.00	186.4	0.00	0.0	6905.52	321.0
13:07:00	487.84	120.6	0.00	186.6	0.00	0.0	6905.50	321.0
13:08:00	487.83	120.8	0.00	186.8	0.00	0.0	6905.42	321.0
13:09:00	487.43	119.6	0.00	186.9	0.00	0.0	6905.22	321.0
13:10:00	487.65	121.1	0.00	186.6	0.00	0.0	6905.12	321.0
13:11:00	487.57	121.0	0.00	186.5	0.00	0.0	6905.07	321.0
13:12:00	487.55	121.1	0.00	186.5	0.00	0.0	6904.96	321.0
13:13:00	487.26	120.1	0.00	186.5	0.00	0.0	6904.92	321.0
13:14:00	487.49	120.9	0.00	186.7	0.00	0.0	6904.83	321.0
13:15:00	487.28	119.7	0.00	186.9	0.00	0.0	6904.66	321.0
13:16:00	487.26	120.0	0.00	186.9	0.00	0.0	6904.49	321.0
13:17:00	487.29	120.3	0.00	186.8	0.00	0.0	6904.37	321.0
13:18:00	487.26	120.4	0.00	186.8	0.00	0.0	6904.24	321.0
13:19:00	487.27	121.3	0.00	186.7	0.00	0.0	6904.12	321.0
13:20:00	487.03	121.1	0.00	186.9	0.00	0.0	6904.09	321.0
13:21:00	487.06	121.1	0.00	186.9	0.00	0.0	6904.02	321.0
13:22:00	486.83	119.9	0.00	187.2	0.00	0.0	6903.94	321.0
13:23:00	486.75	119.7	0.00	187.4	0.00	0.0	6903.87	321.0
13:24:00	486.97	121.0	0.00	187.3	0.00	0.0	6903.85	321.0
13:25:00	486.96	120.7	0.00	187.1	0.00	0.0	6903.66	321.0
13:26:00	486.79	120.9	0.00	186.9	0.00	0.0	6903.48	321.0
13:27:00	486.82	121.3	0.00	186.6	0.00	0.0	6903.31	321.0
13:28:00	486.90	121.5	0.00	186.4	0.00	0.0	6903.34	321.0
13:29:00	486.90	121.1	0.00	186.4	0.00	0.0	6903.44	321.0
13:30:00	487.03	121.8	0.00	186.5	0.00	0.0	6903.18	321.0
13:31:00	487.05	120.5	0.00	186.7	0.00	0.0	6903.20	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
13:32:00	487.11	121.3	0.00	186.7	0.00	0.0	6903.26	321.0
13:33:00	487.19	121.2	0.00	186.9	0.00	0.0	6903.13	321.0
13:34:00	487.25	121.3	0.00	186.9	0.00	0.0	6903.11	321.0
13:35:00	487.19	120.1	0.00	186.9	0.00	0.0	6903.06	321.0
13:36:00	487.23	120.1	0.00	186.8	0.00	0.0	6902.97	321.0
13:37:00	487.05	119.7	0.00	186.9	0.00	0.0	6902.88	321.0
13:38:00	487.14	120.3	0.00	186.8	0.00	0.0	6902.72	321.0
13:39:00	487.28	120.6	0.00	186.8	0.00	0.0	6902.78	321.0
13:40:00	487.28	119.9	0.00	186.9	0.00	0.0	6902.70	321.0
13:41:00	487.17	119.4	0.00	186.8	0.00	0.0	6902.72	321.0
13:42:00	487.29	120.5	0.00	186.9	0.00	0.0	6902.60	321.0
13:43:00	487.38	120.0	0.00	186.8	0.00	0.0	6902.57	321.0
13:44:00	487.30	120.2	0.00	186.7	0.00	0.0	6902.45	321.0
13:45:00	486.95	118.9	0.00	186.6	0.00	0.0	6902.27	321.0
13:46:00	487.13	120.2	0.00	186.5	0.00	0.0	6902.26	321.0
13:47:00	487.13	119.3	0.00	186.5	0.00	0.0	6902.26	321.0
13:48:00	487.34	120.7	0.00	186.7	0.00	0.0	6902.08	321.0
13:49:00	487.08	119.5	0.00	186.8	0.00	0.0	6902.10	321.0
13:50:00	487.08	119.2	0.00	186.7	0.00	0.0	6902.09	321.0
13:51:00	487.24	120.1	0.00	186.5	0.00	0.0	6902.10	321.0
13:52:00	487.01	119.1	0.00	186.7	0.00	0.0	6902.11	321.0
13:53:00	487.24	120.2	0.00	186.9	0.00	0.0	6902.06	321.0
13:54:00	486.91	118.8	0.00	187.1	0.00	0.0	6902.04	321.0
13:55:00	486.96	118.9	0.00	187.1	0.00	0.0	6901.80	321.0
13:56:00	486.69	118.3	0.00	187.0	0.00	0.0	6901.88	321.0
13:57:00	486.87	119.1	0.00	186.9	0.00	0.0	6901.74	321.0
13:58:00	486.67	119.1	0.00	187.0	0.00	0.0	6901.75	321.0
13:59:00	486.55	118.9	0.00	187.1	0.00	0.0	6901.66	321.0
14:00:00	486.59	119.2	0.00	187.2	0.00	0.0	6901.53	321.0
14:01:00	486.31	118.4	0.00	187.0	0.00	0.0	6901.49	321.0
14:02:00	486.45	119.4	0.00	187.1	0.00	0.0	6901.32	321.0
14:03:00	486.28	118.9	0.00	187.1	0.00	0.0	6901.22	321.0
14:04:00	486.29	118.9	0.00	187.1	0.00	0.0	6901.11	321.0
14:05:00	486.08	118.8	0.00	187.1	0.00	0.0	6901.09	321.0
14:06:00	485.80	117.7	0.00	187.0	0.00	0.0	6901.01	321.0
14:07:00	485.67	118.2	0.00	187.1	0.00	0.0	6900.83	321.0
14:08:00	485.60	118.4	0.00	187.1	0.00	0.0	6900.89	321.0
14:09:00	485.78	119.1	0.00	187.3	0.00	0.0	6900.61	321.0
14:10:00	485.23	117.2	0.00	187.4	0.00	0.0	6900.63	321.0
14:11:00	485.15	117.2	0.00	187.8	0.00	0.0	6900.58	321.0
14:12:00	485.35	118.4	0.00	187.8	0.00	0.0	6900.45	321.0
14:13:00	485.21	119.7	0.00	187.7	0.00	0.0	6900.46	321.0
14:14:00	484.81	118.3	0.00	187.6	0.00	0.0	6900.38	321.0
14:15:00	484.83	118.2	0.00	187.5	0.00	0.0	6900.44	321.0
14:16:00	484.64	118.5	0.00	187.6	0.00	0.0	6900.38	321.0
14:17:00	484.24	117.6	0.00	187.6	0.00	0.0	6900.23	321.0
14:18:00	484.43	119.4	0.00	187.5	0.00	0.0	6900.23	321.0
14:19:00	484.24	118.7	0.00	187.5	0.00	0.0	6900.01	321.0
14:20:00	484.11	119.5	0.00	187.3	0.00	0.0	6899.97	321.0
14:21:00	483.66	118.2	0.00	187.4	0.00	0.0	6899.84	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
14:22:00	483.60	118.3	0.00	187.5	0.00	0.0	6899.79	321.0
14:23:00	483.54	118.2	0.00	187.5	0.00	0.0	6899.77	321.0
14:24:00	483.39	119.0	0.00	187.5	0.00	0.0	6899.57	321.0
14:25:00	483.37	119.5	0.00	187.5	0.00	0.0	6899.47	321.0
14:26:00	483.37	119.5	0.00	187.3	0.00	0.0	6899.40	321.0
14:27:00	483.17	119.8	0.00	187.5	0.00	0.0	6899.36	321.0
14:28:00	483.09	118.9	0.00	187.6	0.00	0.0	6899.41	321.0
14:29:00	483.03	119.7	0.00	187.5	0.00	0.0	6899.23	321.0
14:30:00	482.82	119.0	0.00	187.4	0.00	0.0	6899.22	321.0
14:31:00	482.88	119.5	0.00	187.2	0.00	0.0	6899.26	321.0
14:32:00	482.90	120.1	0.00	187.0	0.00	0.0	6899.18	321.0
14:33:00	482.93	120.1	0.00	187.0	0.00	0.0	6899.16	321.0
14:34:00	482.93	119.7	0.00	186.9	0.00	0.0	6898.98	321.0
14:35:00	482.75	118.9	0.00	186.9	0.00	0.0	6898.94	321.0
14:36:00	483.04	120.4	0.00	187.2	0.00	0.0	6898.86	321.0
14:37:00	483.10	120.9	0.00	187.1	0.00	0.0	6898.86	321.0
14:38:00	483.02	119.0	0.00	187.4	0.00	0.0	6898.79	321.0
14:39:00	483.02	119.4	0.00	187.3	0.00	0.0	6898.89	321.0
14:40:00	483.25	121.3	0.00	186.9	0.00	0.0	6898.80	321.0
14:41:00	483.19	120.3	0.00	186.7	0.00	0.0	6898.78	321.0
14:42:00	483.25	121.0	0.00	186.7	0.00	0.0	6898.81	321.0
14:43:00	483.13	120.4	0.00	187.0	0.00	0.0	6898.64	321.0
14:44:00	482.80	119.3	0.00	187.2	0.00	0.0	6898.59	321.0
14:45:00	482.92	121.1	0.00	187.0	0.00	0.0	6898.49	321.0
14:46:00	482.89	121.0	0.00	186.8	0.00	0.0	6898.55	321.0
14:47:00	482.88	120.2	0.00	186.9	0.00	0.0	6898.44	321.0
14:48:00	482.99	121.8	0.00	186.9	0.00	0.0	6898.39	321.0
14:49:00	482.72	120.4	0.00	187.0	0.00	0.0	6898.42	321.0
14:50:00	482.42	120.2	0.00	187.2	0.00	0.0	6898.32	321.0
14:51:00	482.46	121.1	0.00	187.3	0.00	0.0	6898.28	321.0
14:52:00	482.37	121.7	0.00	187.5	0.00	0.0	6898.18	321.0
14:53:00	482.24	120.8	0.00	187.4	0.00	0.0	6898.12	321.0
14:54:00	482.29	121.6	0.00	187.2	0.00	0.0	6898.16	321.0
14:55:00	481.76	120.0	0.00	187.1	0.00	0.0	6898.09	321.0
14:56:00	481.98	121.4	0.00	187.1	0.00	0.0	6898.08	321.0
14:57:00	481.87	121.3	0.00	187.2	0.00	0.0	6897.90	321.0
14:58:00	481.90	121.6	0.00	187.0	0.00	0.0	6898.05	321.0
14:59:00	482.03	122.1	0.00	186.9	0.00	0.0	6897.85	321.0
15:00:00	481.44	120.4	0.00	186.8	0.00	0.0	6897.89	321.0
15:01:00	481.93	122.5	0.00	186.7	0.00	0.0	6897.92	321.0
15:02:00	481.72	121.7	0.00	187.1	0.00	0.0	6897.81	321.0
15:03:00	481.54	121.0	0.00	187.3	0.00	0.0	6897.69	321.0
15:04:00	481.50	121.5	0.00	187.5	0.00	0.0	6897.79	321.0
15:05:00	481.89	122.7	0.00	187.3	0.00	0.0	6897.66	321.0
15:06:00	481.69	122.3	0.00	187.5	0.00	0.0	6897.59	321.0
15:07:00	481.64	121.9	0.00	187.7	0.00	0.0	6897.70	321.0
15:08:00	481.47	121.3	0.00	187.8	0.00	0.0	6897.68	321.0
15:09:00	481.50	122.2	0.00	187.9	0.00	0.0	6897.38	321.0
15:10:00	481.45	122.0	0.00	188.1	0.00	0.0	6897.50	321.0
15:11:00	481.26	121.8	0.00	188.0	0.00	0.0	6897.26	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
15:12:00	481.25	123.1	0.00	187.7	0.00	0.0	6897.24	321.0
15:13:00	481.10	122.0	0.00	187.4	0.00	0.0	6897.30	321.0
15:14:00	480.91	122.1	0.00	187.3	0.00	0.0	6897.28	321.0
15:15:00	480.92	123.0	0.00	187.1	0.00	0.0	6897.29	321.0
15:16:00	480.70	122.9	0.00	187.1	0.00	0.0	6897.11	321.0
15:17:00	480.75	123.4	0.00	187.2	0.00	0.0	6897.05	321.0
15:18:00	480.72	123.2	0.00	187.2	0.00	0.0	6897.23	321.0
15:19:00	480.82	123.6	0.00	187.2	0.00	0.0	6897.25	321.0
15:20:00	480.78	123.3	0.00	187.1	0.00	0.0	6897.24	321.0
15:21:00	480.78	124.1	0.00	187.0	0.00	0.0	6897.17	321.0
15:22:00	480.73	124.2	0.00	187.1	0.00	0.0	6897.09	321.0
15:23:00	480.45	122.7	0.00	187.3	0.00	0.0	6897.18	321.0
15:24:00	480.72	124.4	0.00	187.4	0.00	0.0	6897.04	321.0
15:25:00	480.56	124.3	0.00	187.2	0.00	0.0	6897.07	321.0
15:26:00	480.47	123.6	0.00	187.1	0.00	0.0	6897.08	321.0
15:27:00	480.46	124.3	0.00	187.1	0.00	0.0	6897.01	321.0
15:28:00	480.65	124.8	0.00	187.2	0.00	0.0	6897.19	321.0
15:29:00	480.57	124.5	0.00	187.2	0.00	0.0	6897.21	321.0
15:30:00	480.66	124.8	0.00	187.3	0.00	0.0	6897.12	321.0
15:31:00	480.61	124.1	0.00	187.3	0.00	0.0	6897.22	321.0
15:32:00	480.46	124.3	0.00	187.2	0.00	0.0	6897.16	321.0
15:33:00	480.39	124.2	0.00	187.2	0.00	0.0	6897.09	321.0
15:34:00	480.50	125.6	0.00	187.6	0.00	0.0	6896.97	321.0
15:35:00	480.41	125.8	0.00	187.6	0.00	0.0	6896.85	321.0
15:36:00	480.15	124.6	0.00	187.6	0.00	0.0	6896.77	321.0
15:37:00	479.78	123.6	0.00	187.9	0.00	0.0	6896.76	321.0
15:38:00	479.90	124.6	0.00	187.6	0.00	0.0	6896.63	321.0
15:39:00	479.74	124.4	0.00	187.7	0.00	0.0	6896.46	321.0
15:40:00	479.77	124.9	0.00	187.7	0.00	0.0	6896.57	321.0
15:41:00	479.79	125.6	0.00	187.5	0.00	0.0	6896.47	321.0
15:42:00	479.84	125.9	0.00	187.5	0.00	0.0	6896.53	321.0
15:43:00	479.61	125.3	0.00	187.5	0.00	0.0	6896.46	321.0
15:44:00	479.57	125.1	0.00	187.6	0.00	0.0	6896.48	321.0
15:45:00	479.90	127.0	0.00	187.8	0.00	0.0	6896.46	321.0
15:46:00	479.59	125.7	0.00	188.0	0.00	0.0	6896.46	321.0
15:47:00	479.65	126.2	0.00	188.0	0.00	0.0	6896.43	321.0
15:48:00	479.53	125.2	0.00	187.9	0.00	0.0	6896.40	321.0
15:49:00	479.49	125.4	0.00	187.7	0.00	0.0	6896.29	321.0
15:50:00	479.40	126.0	0.00	187.5	0.00	0.0	6896.10	321.0
15:51:00	479.26	125.2	0.00	187.6	0.00	0.0	6896.00	321.0
15:52:00	479.63	127.0	0.00	187.7	0.00	0.0	6895.94	321.0
15:53:00	479.22	125.9	0.00	187.6	0.00	0.0	6895.86	321.0
15:54:00	479.34	126.9	0.00	187.7	0.00	0.0	6895.79	321.0
15:55:00	479.08	125.8	0.00	187.7	0.00	0.0	6895.52	321.0
15:56:00	479.42	127.1	0.00	187.7	0.00	0.0	6895.62	321.0
15:57:00	479.10	125.7	0.00	187.8	0.00	0.0	6895.50	321.0
15:58:00	479.19	126.9	0.00	187.8	0.00	0.0	6895.50	321.0
15:59:00	479.07	126.3	0.00	187.9	0.00	0.0	6895.35	321.0
16:00:00	479.07	126.8	0.00	187.6	0.00	0.0	6895.44	321.0
16:01:00	479.04	126.2	0.00	187.3	0.00	0.0	6895.47	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
16:02:00	478.89	126.3	0.00	187.2	0.00	0.0	6895.13	321.0
16:03:00	479.16	126.9	0.00	187.2	0.00	0.0	6895.58	321.0
16:04:00	478.90	126.0	0.00	187.4	0.00	0.0	6895.29	321.0
16:05:00	478.78	125.5	0.00	187.4	0.00	0.0	6895.35	321.0
16:06:00	478.82	126.6	0.00	187.5	0.00	0.0	6895.21	321.0
16:07:00	478.94	127.0	0.00	187.8	0.00	0.0	6895.19	321.0
16:08:00	478.82	126.8	0.00	187.9	0.00	0.0	6895.22	321.0
16:09:00	478.92	127.3	0.00	187.9	0.00	0.0	6895.17	321.0
16:10:00	478.92	127.3	0.00	187.9	0.00	0.0	6895.02	321.0
16:11:00	478.73	126.6	0.00	187.8	0.00	0.0	6895.08	321.0
16:12:00	478.92	127.3	0.00	187.7	0.00	0.0	6895.07	321.0
16:13:00	479.02	127.8	0.00	187.4	0.00	0.0	6895.04	321.0
16:14:00	478.85	127.5	0.00	187.1	0.00	0.0	6894.94	321.0
16:15:00	478.80	127.5	0.00	187.2	0.00	0.0	6894.85	321.0
16:16:00	478.74	127.1	0.00	187.4	0.00	0.0	6894.85	321.0
16:17:00	478.45	125.6	0.00	187.6	0.00	0.0	6894.80	321.0
16:18:00	478.60	126.3	0.00	187.6	0.00	0.0	6894.76	321.0
16:19:00	478.82	128.0	0.00	187.6	0.00	0.0	6894.79	321.0
16:20:00	478.58	126.8	0.00	187.8	0.00	0.0	6894.66	321.0
16:21:00	478.76	128.1	0.00	187.6	0.00	0.0	6894.62	321.0
16:22:00	478.72	128.2	0.00	187.6	0.00	0.0	6894.51	321.0
16:23:00	478.31	126.1	0.00	187.5	0.00	0.0	6894.36	321.0
16:24:00	478.52	126.7	0.00	187.4	0.00	0.0	6894.46	321.0
16:25:00	478.52	127.6	0.00	187.5	0.00	0.0	6894.42	321.0
16:26:00	478.20	126.3	0.00	187.7	0.00	0.0	6894.29	321.0
16:27:00	478.41	126.9	0.00	187.8	0.00	0.0	6894.35	321.0
16:28:00	478.42	127.4	0.00	188.1	0.00	0.0	6894.33	321.0
16:29:00	478.52	127.9	0.00	187.9	0.00	0.0	6894.22	321.0
16:30:00	478.28	126.4	0.00	187.7	0.00	0.0	6894.12	321.0
16:31:00	478.58	128.3	0.00	187.5	0.00	0.0	6894.27	321.0
16:32:00	478.22	126.7	0.00	187.2	0.00	0.0	6894.16	321.0
16:33:00	478.38	126.9	0.00	187.3	0.00	0.0	6894.22	321.0
16:34:00	478.49	128.3	0.00	187.5	0.00	0.0	6894.18	321.0
16:35:00	478.39	127.9	0.00	187.8	0.00	0.0	6894.16	321.0
16:36:00	478.20	126.6	0.00	187.9	0.00	0.0	6894.08	321.0
16:37:00	478.27	127.1	0.00	187.9	0.00	0.0	6894.12	321.0
16:38:00	478.33	127.7	0.00	187.9	0.00	0.0	6894.03	321.0
16:39:00	478.44	128.1	0.00	187.7	0.00	0.0	6894.04	321.0
16:40:00	478.22	127.5	0.00	187.5	0.00	0.0	6893.99	321.0
16:41:00	478.01	126.3	0.00	187.3	0.00	0.0	6894.01	321.0
16:42:00	478.41	128.3	0.00	187.4	0.00	0.0	6893.87	321.0
16:43:00	478.68	129.0	0.00	187.7	0.00	0.0	6893.95	321.0
16:44:00	478.50	128.1	0.00	187.7	0.00	0.0	6893.80	321.0
16:45:00	478.37	127.3	0.00	187.5	0.00	0.0	6893.88	321.0
16:46:00	478.41	127.1	0.00	187.3	0.00	0.0	6893.71	321.0
16:47:00	478.43	126.9	0.00	187.5	0.00	0.0	6893.80	321.0
16:48:00	478.45	126.9	0.00	187.7	0.00	0.0	6893.75	321.0
16:49:00	478.50	126.8	0.00	187.7	0.00	0.0	6893.57	321.0
16:50:00	478.66	127.4	0.00	187.7	0.00	0.0	6893.60	321.0
16:51:00	478.65	127.9	0.00	187.5	0.00	0.0	6893.45	321.0

Date	PANEX		PANEX				HF QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
16:52:00	478.32	126.2	0.00	187.6	0.00	0.0	6893.46	321.0
16:53:00	478.33	126.5	0.00	187.7	0.00	0.0	6893.31	321.0
16:54:00	478.30	126.7	0.00	187.4	0.00	0.0	6893.33	321.0
16:55:00	478.60	127.9	0.00	187.1	0.00	0.0	6893.24	321.0
16:56:00	478.30	126.6	0.00	187.0	0.00	0.0	6893.35	321.0
16:57:00	478.57	127.9	0.00	187.1	0.00	0.0	6893.37	321.0
16:58:00	478.20	127.2	0.00	187.2	0.00	0.0	6893.25	321.0
16:59:00	478.19	126.8	0.00	187.2	0.00	0.0	6893.12	321.0
17:00:00	478.12	127.0	0.00	187.2	0.00	0.0	6893.27	321.0
17:01:00	477.91	126.2	0.00	187.2	0.00	0.0	6893.19	321.0
17:02:00	477.96	127.1	0.00	187.5	0.00	0.0	6893.16	321.0
17:03:00	477.96	127.0	0.00	187.5	0.00	0.0	6893.23	321.0
17:04:00	477.74	126.2	0.00	187.2	0.00	0.0	6893.14	321.0
17:05:00	477.85	126.7	0.00	187.2	0.00	0.0	6893.09	321.0
17:06:00	477.65	126.3	0.00	187.4	0.00	0.0	6893.01	321.0
17:07:00	477.86	126.6	0.00	187.5	0.00	0.0	6892.98	321.0
17:08:00	477.57	126.3	0.00	187.6	0.00	0.0	6892.96	321.0
17:09:00	477.52	126.4	0.00	187.6	0.00	0.0	6892.81	321.0
17:10:00	477.28	125.9	0.00	187.6	0.00	0.0	6892.74	321.0
17:11:00	477.21	126.7	0.00	187.8	0.00	0.0	6892.65	321.0
17:12:00	477.27	127.8	0.00	188.0	0.00	0.0	6892.59	321.0
17:13:00	477.15	126.7	0.00	187.8	0.00	0.0	6892.44	321.0
17:14:00	476.92	125.9	0.00	187.7	0.00	0.0	6892.48	321.0
17:15:00	477.18	127.9	0.00	187.6	0.00	0.0	6891.69	321.0
17:16:00	476.92	126.7	0.00	187.6	0.00	0.0	6892.30	321.0
17:17:00	477.08	128.1	0.00	187.6	0.00	0.0	6892.26	321.0
17:18:00	476.84	127.0	0.00	187.8	0.00	0.0	6892.20	321.0
17:19:00	476.98	127.9	0.00	188.0	0.00	0.0	6892.04	321.0
17:20:00	476.79	126.5	0.00	187.9	0.00	0.0	6892.10	321.0
17:21:00	476.89	126.8	0.00	187.9	0.00	0.0	6891.97	321.0
17:22:00	477.12	127.0	0.00	187.9	0.00	0.0	6891.99	321.0
17:23:00	476.89	125.8	0.00	188.1	0.00	0.0	6892.12	321.0
17:24:00	477.18	127.1	0.00	188.2	0.00	0.0	6892.06	321.0
17:25:00	477.50	128.5	0.00	188.4	0.00	0.0	6892.18	321.0
17:26:00	477.21	126.2	0.00	188.4	0.00	0.0	6892.05	321.0
17:27:00	477.19	126.5	0.00	188.4	0.00	0.0	6891.96	321.0
17:28:00	477.33	126.8	0.00	188.3	0.00	0.0	6892.05	321.0
17:29:00	477.09	125.2	0.00	188.2	0.00	0.0	6892.04	321.0
17:30:00	477.37	127.0	0.00	188.2	0.00	0.0	6891.77	321.0
17:31:00	477.36	125.7	0.00	188.2	0.00	0.0	6891.82	321.0
17:32:00	477.41	126.6	0.00	188.0	0.00	0.0	6891.75	321.0
17:33:00	477.48	125.8	0.00	188.1	0.00	0.0	6891.72	321.0
17:34:00	477.64	126.4	0.00	188.2	0.00	0.0	6891.85	321.0
17:35:00	477.91	126.3	0.00	188.0	0.00	0.0	6891.79	321.0
17:36:00	477.83	125.6	0.00	187.8	0.00	0.0	6891.75	321.0
17:37:00	477.73	124.8	0.00	187.8	0.00	0.0	6891.73	321.0
17:38:00	478.15	126.4	0.00	187.7	0.00	0.0	6891.79	321.0
17:39:00	477.66	124.2	0.00	187.8	0.00	0.0	6891.61	321.0
17:40:00	478.03	125.4	0.00	187.6	0.00	0.0	6891.67	321.0
17:41:00	477.78	124.1	0.00	187.6	0.00	0.0	6891.60	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
17:42:00	478.18	126.0	0.00	187.7	0.00	0.0	6891.65	321.0
17:43:00	478.14	125.6	0.00	188.0	0.00	0.0	6891.61	321.0
17:44:00	477.88	124.9	0.00	188.2	0.00	0.0	6891.50	321.0
17:45:00	478.04	125.0	0.00	188.0	0.00	0.0	6891.38	321.0
17:46:00	477.86	124.1	0.00	187.9	0.00	0.0	6891.36	321.0
17:50:00	478.24	125.7	0.00	187.5	0.00	0.0	6891.31	321.0
17:55:00	477.60	124.7	0.00	188.1	0.00	0.0	6891.28	321.0
18:00:00	476.76	123.2	0.00	187.5	0.00	0.0	6891.11	321.0
18:05:00	476.78	124.3	0.00	187.7	0.00	0.0	6891.01	321.0
18:10:00	476.10	123.2	0.00	187.5	0.00	0.0	6890.84	321.0
18:15:00	475.94	124.8	0.00	186.9	0.00	0.0	6890.44	321.0
18:20:00	475.87	124.6	0.00	187.1	0.00	0.0	6890.18	321.0
18:25:00	475.78	123.9	0.00	187.2	0.00	0.0	6890.26	321.0
18:30:00	475.96	123.1	0.00	187.5	0.00	0.0	6889.92	321.0
18:35:00	476.09	123.2	0.00	187.4	0.00	0.0	6889.86	321.0
18:40:00	476.49	122.8	0.00	186.9	0.00	0.0	6889.79	321.0
18:45:00	476.29	121.2	0.00	187.5	0.00	0.0	6889.38	321.0
18:50:00	476.78	121.1	0.00	187.4	0.00	0.0	6889.60	321.0
18:55:00	477.04	121.9	0.00	187.2	0.00	0.0	6889.44	321.0
19:00:00	477.04	120.3	0.00	186.9	0.00	0.0	6889.33	321.0
19:05:00	477.29	120.5	0.00	187.2	0.00	0.0	6889.32	321.0
19:10:00	477.24	118.6	0.00	187.4	0.00	0.0	6889.26	321.0
19:15:00	477.40	118.7	0.00	187.7	0.00	0.0	6888.87	321.0
19:20:00	477.24	117.2	0.00	187.6	0.00	0.0	6888.64	321.0
19:25:00	477.17	116.9	0.00	187.4	0.00	0.0	6888.40	321.0
19:30:00	477.01	116.3	0.00	187.4	0.00	0.0	6888.09	321.0
19:35:00	476.91	115.7	0.00	187.5	0.00	0.0	6887.89	321.0
19:40:00	476.96	114.6	0.00	187.7	0.00	0.0	6887.98	321.0
19:45:00	477.04	114.6	0.00	187.5	0.00	0.0	6887.75	321.0
19:50:00	476.95	113.3	0.00	187.7	0.00	0.0	6887.60	321.0
19:55:00	476.83	112.6	0.00	187.5	0.00	0.0	6887.45	321.0
20:00:00	476.62	112.1	0.00	187.4	0.00	0.0	6887.02	321.0
20:05:00	476.51	112.3	0.00	187.4	0.00	0.0	6886.82	321.0
20:10:00	476.55	111.5	0.00	187.5	0.00	0.0	6886.93	321.0
20:15:00	476.39	111.6	0.00	187.6	0.00	0.0	6886.42	321.0
20:20:00	476.33	111.1	0.00	187.4	0.00	0.0	6886.30	321.0
20:25:00	475.94	109.8	0.00	187.6	0.00	0.0	6886.21	321.0
20:30:00	475.70	110.0	0.00	187.7	0.00	0.0	6885.75	321.0
20:35:00	475.59	109.1	0.00	187.8	0.00	0.0	6885.78	321.0
20:40:00	475.68	109.4	0.00	187.7	0.00	0.0	6885.85	321.0
20:45:00	475.54	109.4	0.00	187.4	0.00	0.0	6885.51	321.0
20:50:00	475.42	107.3	0.00	187.4	0.00	0.0	6885.67	321.0
20:55:00	475.33	108.0	0.00	187.5	0.00	0.0	6885.41	321.0
21:00:00	475.10	107.7	0.00	187.2	0.00	0.0	6885.17	321.0
21:05:00	474.98	106.4	0.00	187.4	0.00	0.0	6885.11	321.0
21:10:00	475.13	107.7	0.00	187.6	0.00	0.0	6885.04	321.0
21:15:00	474.86	106.6	0.00	187.4	0.00	0.0	6884.84	321.0
21:20:00	474.57	105.9	0.00	187.6	0.00	0.0	6884.56	321.0
21:25:00	474.66	107.1	0.00	187.6	0.00	0.0	6884.41	321.0
21:30:00	474.29	104.9	0.00	187.4	0.00	0.0	6884.41	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
21:35:00	474.32	105.6	0.00	187.3	0.00	0.0	6884.22	321.0
21:40:00	473.77	103.8	0.00	187.4	0.00	0.0	6883.98	321.0
21:45:00	473.89	103.8	0.00	187.5	0.00	0.0	6883.96	321.0
21:50:00	474.06	105.0	0.00	187.6	0.00	0.0	6883.83	321.0
21:55:00	473.45	103.1	0.00	187.6	0.00	0.0	6883.61	321.0
22:00:00	473.45	103.8	0.00	187.5	0.00	0.0	6883.24	321.0
22:05:00	473.41	103.6	0.00	187.4	0.00	0.0	6883.23	321.0
22:10:00	473.06	103.3	0.00	187.3	0.00	0.0	6883.01	321.0
22:15:00	473.33	104.4	0.00	187.3	0.00	0.0	6882.98	321.0
22:20:00	473.12	103.3	0.00	187.4	0.00	0.0	6882.91	321.0
22:28:10	472.97	103.2	0.00	187.4	0.00	0.0	6882.69	321.0
22:28:20	472.77	102.3	0.00	187.4	0.00	0.0	6882.75	321.0
22:28:30	472.96	102.8	0.00	187.4	0.00	0.0	6882.68	321.0
22:28:35	472.80	102.3	0.00	187.4	0.00	0.0	6882.75	321.0
22:28:45	472.77	102.3	0.00	187.4	0.00	0.0	6882.69	321.0
22:28:50	472.90	103.1	0.00	187.3	0.00	0.0	6882.68	321.0
22:29:00	472.94	103.5	0.00	187.3	0.00	0.0	6882.73	321.0
22:29:05	472.83	102.4	0.00	187.4	0.00	0.0	6882.65	321.0
22:29:15	472.82	102.9	0.00	187.3	0.00	0.0	6882.67	321.0
22:29:20	472.76	102.8	0.00	187.3	0.00	0.0	6882.57	321.0
22:29:30	472.98	103.6	0.00	187.3	0.00	0.0	6882.69	321.0
22:29:35	473.02	103.6	0.00	187.3	0.00	0.0	6882.68	321.0
22:29:45	472.91	102.8	0.00	187.3	0.00	0.0	6882.63	321.0
22:29:50	472.80	102.7	0.00	187.3	0.00	0.0	6882.64	321.0
22:30:00	472.69	102.1	0.00	187.3	0.00	0.0	6882.70	321.0
22:30:05	472.96	103.5	0.00	187.3	0.00	0.0	6882.58	321.0
22:30:15	472.87	102.8	0.00	187.3	0.00	0.0	6882.72	321.0
22:30:25	472.95	103.4	0.00	187.2	0.00	0.0	6882.65	321.0
22:30:30	472.74	102.2	0.00	187.3	0.00	0.0	6882.67	321.0
22:30:40	472.84	103.0	0.00	187.2	0.00	0.0	6882.65	321.0
22:30:45	472.98	103.1	0.00	187.2	0.00	0.0	6882.65	321.0
22:30:50	473.08	103.8	0.00	187.2	0.00	0.0	6882.66	321.0
22:30:55	472.96	102.9	0.00	187.2	0.00	0.0	6882.67	321.0
22:31:05	472.76	102.3	0.00	187.3	0.00	0.0	6882.64	321.0
22:31:10	472.94	103.1	0.00	187.3	0.00	0.0	6882.62	321.0
22:31:20	472.78	102.6	0.00	187.3	0.00	0.0	6882.64	321.0
22:31:25	473.01	103.4	0.00	187.3	0.00	0.0	6882.69	321.0
22:31:35	472.94	102.7	0.00	187.3	0.00	0.0	6882.64	321.0
22:31:40	472.98	103.5	0.00	187.3	0.00	0.0	6882.63	321.0
22:31:50	472.74	102.3	0.00	187.3	0.00	0.0	6882.62	321.0
22:31:55	472.99	103.7	0.00	187.3	0.00	0.0	6882.57	321.0
22:32:05	473.08	104.0	0.00	187.2	0.00	0.0	6882.64	321.0
22:32:15	472.73	101.8	0.00	187.3	0.00	0.0	6882.62	321.0
22:32:20	472.56	101.4	0.00	187.3	0.00	0.0	6882.71	321.0
22:32:30	472.88	103.2	0.00	187.3	0.00	0.0	6882.73	321.0
22:32:35	472.79	103.1	0.00	187.3	0.00	0.0	6882.62	321.0
22:32:45	472.60	101.5	0.00	187.3	0.00	0.0	6882.63	321.0
22:32:50	472.45	101.0	0.00	187.3	0.00	0.0	6882.67	321.0
22:33:00	472.76	102.3	0.00	187.3	0.00	0.0	6882.61	321.0
22:33:05	472.87	103.2	0.00	187.2	0.00	0.0	6882.58	321.0

Date	PANEX		PANEX		.	.	HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
22:33:15	472.79	102.4	0.00	187.3	0.00	0.0	6882.68	321.0
22:33:20	472.85	103.0	0.00	187.2	0.00	0.0	6882.60	321.0
22:33:30	472.97	103.1	0.00	187.2	0.00	0.0	6882.66	321.0
22:33:35	472.69	102.0	0.00	187.2	0.00	0.0	6882.64	321.0
22:33:45	472.65	101.8	0.00	187.2	0.00	0.0	6882.67	321.0
22:33:50	472.86	103.1	0.00	187.2	0.00	0.0	6882.65	321.0
22:34:00	472.77	102.6	0.00	187.2	0.00	0.0	6882.64	321.0
22:34:05	472.91	102.9	0.00	187.2	0.00	0.0	6882.70	321.0
22:34:15	472.81	102.6	0.00	187.2	0.00	0.0	6882.58	321.0
22:34:25	472.56	101.9	0.00	187.2	0.00	0.0	6882.64	321.0
22:34:30	472.72	102.4	0.00	187.2	0.00	0.0	6882.64	321.0
22:34:35	472.80	102.7	0.00	187.2	0.00	0.0	6882.58	321.0
22:34:40	472.84	103.4	0.00	187.2	0.00	0.0	6882.58	321.0
22:34:45	472.99	104.0	0.00	187.1	0.00	0.0	6882.56	321.0
22:34:50	472.68	102.4	0.00	187.2	0.00	0.0	6882.56	321.0
22:34:55	472.77	102.8	0.00	187.1	0.00	0.0	6882.56	321.0
22:35:00	472.51	101.5	0.00	187.2	0.00	0.0	6882.50	321.0
22:35:10	472.81	103.3	0.00	187.2	0.00	0.0	6882.54	321.0
22:35:15	472.99	103.6	0.00	187.2	0.00	0.0	6882.53	321.0
22:35:25	472.98	103.9	0.00	187.2	0.00	0.0	6882.53	321.0
22:35:30	473.01	103.6	0.00	187.2	0.00	0.0	6882.57	321.0
22:35:45	472.67	102.5	0.00	187.2	0.00	0.0	6882.53	321.0
22:35:50	472.72	102.6	0.00	187.2	0.00	0.0	6882.60	321.0
22:36:00	472.72	102.6	0.00	187.2	0.00	0.0	6882.55	321.0
22:36:10	472.75	103.1	0.00	187.2	0.00	0.0	6882.48	321.0
22:36:15	472.85	103.6	0.00	187.2	0.00	0.0	6882.46	321.0
22:36:25	472.65	102.7	0.00	187.2	0.00	0.0	6882.54	321.0
22:36:30	472.68	102.2	0.00	187.2	0.00	0.0	6882.61	321.0
22:36:40	473.04	104.0	0.00	187.2	0.00	0.0	6882.61	321.0
22:36:45	472.83	103.5	0.00	187.2	0.00	0.0	6882.54	321.0
22:36:55	472.86	103.4	0.00	187.2	0.00	0.0	6882.59	321.0
22:37:00	472.59	102.1	0.00	187.2	0.00	0.0	6882.59	321.0
22:37:05	472.86	103.2	0.00	187.2	0.00	0.0	6882.60	321.0
22:37:10	472.60	102.0	0.00	187.2	0.00	0.0	6882.48	321.0
22:37:20	472.65	102.7	0.00	187.2	0.00	0.0	6882.52	321.0
22:37:25	472.64	102.3	0.00	187.2	0.00	0.0	6882.53	321.0
22:37:35	472.70	103.0	0.00	187.2	0.00	0.0	6882.51	321.0
22:37:40	472.79	102.7	0.00	187.2	0.00	0.0	6882.50	321.0
22:37:50	472.81	103.0	0.00	187.2	0.00	0.0	6882.50	321.0
22:37:55	472.81	103.3	0.00	187.2	0.00	0.0	6882.46	321.0
22:38:05	472.83	103.2	0.00	187.2	0.00	0.0	6882.54	321.0
22:38:15	472.59	102.0	0.00	187.2	0.00	0.0	6882.48	321.0
22:38:20	472.72	103.0	0.00	187.2	0.00	0.0	6882.49	321.0
22:38:30	472.75	103.1	0.00	187.2	0.00	0.0	6882.49	321.0
22:38:35	472.56	102.2	0.00	187.2	0.00	0.0	6882.45	321.0
22:38:45	472.78	103.4	0.00	187.2	0.00	0.0	6882.49	321.0
22:38:50	472.92	104.1	0.00	187.2	0.00	0.0	6882.47	321.0
22:39:00	472.88	104.0	0.00	187.1	0.00	0.0	6882.48	321.0
22:39:05	472.55	102.2	0.00	187.2	0.00	0.0	6882.42	321.0
22:39:15	472.63	103.1	0.00	187.1	0.00	0.0	6882.48	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
22:39:20	472.63	102.9	0.00	187.1	0.00	0.0	6882.47	321.0
22:39:30	472.59	102.2	0.00	187.2	0.00	0.0	6882.46	321.0
22:39:35	472.65	102.5	0.00	187.2	0.00	0.0	6882.41	321.0
22:39:45	472.44	102.2	0.00	187.2	0.00	0.0	6882.46	321.0
22:39:50	472.52	102.1	0.00	187.2	0.00	0.0	6882.43	321.0
22:40:00	472.64	102.4	0.00	187.2	0.00	0.0	6882.44	321.0
22:40:10	472.58	102.4	0.00	187.2	0.00	0.0	6882.42	321.0
22:40:15	472.75	103.5	0.00	187.2	0.00	0.0	6882.45	321.0
22:40:25	472.59	102.5	0.00	187.2	0.00	0.0	6882.42	321.0
22:40:30	472.38	101.3	0.00	187.2	0.00	0.0	6882.32	321.0
22:40:40	472.64	102.9	0.00	187.2	0.00	0.0	6882.43	321.0
22:40:45	472.81	103.2	0.00	187.2	0.00	0.0	6882.39	321.0
22:40:55	472.64	102.9	0.00	187.2	0.00	0.0	6882.45	321.0
22:41:00	472.63	102.5	0.00	187.2	0.00	0.0	6882.45	321.0
22:41:05	472.74	102.9	0.00	187.2	0.00	0.0	6882.43	321.0
22:41:10	472.52	101.7	0.00	187.2	0.00	0.0	6882.44	321.0
22:41:20	472.74	102.7	0.00	187.2	0.00	0.0	6882.41	321.0
22:41:25	472.79	102.9	0.00	187.2	0.00	0.0	6882.45	321.0
22:41:35	472.91	103.9	0.00	187.2	0.00	0.0	6882.48	321.0
22:41:40	472.63	102.6	0.00	187.3	0.00	0.0	6882.44	321.0
22:41:50	472.56	102.6	0.00	187.3	0.00	0.0	6882.46	321.0
22:41:55	472.46	102.2	0.00	187.3	0.00	0.0	6882.45	321.0
22:42:05	474.28	103.5	0.00	187.3	0.00	0.0	6883.10	321.0
22:42:15	482.69	102.0	0.00	187.3	0.00	0.0	6892.15	321.0
22:42:20	492.06	101.8	0.00	187.3	0.00	0.0	6900.72	321.0
22:42:30	517.41	103.3	0.00	187.2	0.00	0.0	6932.26	321.0
22:42:35	531.65	101.6	0.00	187.2	0.00	0.0	6945.25	321.0
22:42:45	555.18	102.1	0.00	187.1	0.00	0.0	6970.61	321.0
22:42:50	565.90	101.5	0.00	187.1	0.00	0.0	6982.83	321.0
22:43:00	588.70	102.8	0.00	187.0	0.00	0.0	7005.56	321.0
22:43:05	598.31	103.3	0.00	187.0	0.00	0.0	7015.95	321.0
22:43:20	626.81	102.7	0.00	187.2	0.00	0.0	7045.75	321.0
22:43:25	635.27	102.7	0.00	187.2	0.00	0.0	7054.72	321.0
22:43:35	651.00	102.3	0.00	187.2	0.00	0.0	7072.68	321.0
22:43:40	659.78	102.4	0.00	187.2	0.00	0.0	7080.81	321.0
22:43:50	674.11	102.8	0.00	187.2	0.00	0.0	7097.02	321.0
22:43:55	680.84	102.5	0.00	187.2	0.00	0.0	7104.21	321.0
22:44:05	694.78	102.4	0.00	187.2	0.00	0.0	7118.99	321.0
22:44:15	706.87	102.5	0.00	187.1	0.00	0.0	7131.95	321.0
22:44:20	713.50	102.8	0.00	187.1	0.00	0.0	7138.69	321.0
22:44:30	724.13	102.9	0.00	187.0	0.00	0.0	7150.09	321.0
22:44:35	729.54	102.1	0.00	186.9	0.00	0.0	7156.48	321.0
22:44:45	740.53	102.4	0.00	186.8	0.00	0.0	7167.75	321.0
22:44:50	745.45	103.0	0.00	186.7	0.00	0.0	7173.05	321.0
22:45:00	755.16	102.4	0.00	186.6	0.00	0.0	7183.72	321.0
22:45:05	759.63	102.4	0.00	186.5	0.00	0.0	7188.25	321.0
22:45:15	767.88	102.5	0.00	186.3	0.00	0.0	7197.65	321.0
22:45:20	772.52	102.6	0.00	186.1	0.00	0.0	7202.04	321.0
22:45:30	780.21	102.7	0.00	185.8	0.00	0.0	7210.71	321.0
22:45:35	783.87	102.4	0.00	185.7	0.00	0.0	7214.78	321.0

Shut in well

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	FRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
22:45:45	791.53	102.8	0.00	185.3	0.00	0.0	7222.69	321.0
22:45:50	794.83	102.2	0.00	185.1	0.00	0.0	7226.38	321.0
22:46:00	801.73	102.4	0.00	184.8	0.00	0.0	7233.86	321.0
22:46:05	805.04	102.7	0.00	184.6	0.00	0.0	7237.03	321.0
22:46:15	811.54	102.7	0.00	184.3	0.00	0.0	7244.06	321.0
22:46:25	817.35	102.3	0.00	184.0	0.00	0.0	7250.38	321.0
22:46:30	820.39	102.7	0.00	183.8	0.00	0.0	7253.60	321.0
22:46:40	825.83	102.4	0.00	183.5	0.00	0.0	7259.59	321.0
22:46:45	828.91	102.4	0.00	183.3	0.00	0.0	7262.63	321.0
22:46:55	834.00	102.7	0.00	183.1	0.00	0.0	7268.31	321.0
22:47:00	836.98	102.3	0.00	182.9	0.00	0.0	7271.18	321.0
22:47:10	841.85	102.9	0.00	182.7	0.00	0.0	7276.42	321.0
22:47:15	844.20	102.4	0.00	182.5	0.00	0.0	7279.06	321.0
22:47:25	849.24	102.8	0.00	182.3	0.00	0.0	7284.17	321.0
22:47:30	851.38	102.2	0.00	182.1	0.00	0.0	7286.64	321.0
22:47:40	856.20	102.6	0.00	181.9	0.00	0.0	7291.47	321.0
22:47:45	858.29	102.7	0.00	181.9	0.00	0.0	7293.86	321.0
22:47:55	862.79	102.4	0.00	181.6	0.00	0.0	7298.48	321.0
22:48:00	864.71	101.9	0.00	181.5	0.00	0.0	7300.79	321.0
22:48:10	868.94	102.2	0.00	181.2	0.00	0.0	7305.17	321.0
22:48:20	873.12	102.3	0.00	181.1	0.00	0.0	7309.47	321.0
22:48:25	875.14	102.4	0.00	181.0	0.00	0.0	7311.59	321.0
22:48:35	879.15	102.2	0.00	180.9	0.00	0.0	7315.77	321.0
22:48:40	880.92	101.9	0.00	180.8	0.00	0.0	7317.83	321.0
22:48:50	884.68	102.2	0.00	180.6	0.00	0.0	7321.83	321.0
22:48:55	886.79	102.4	0.00	180.6	0.00	0.0	7323.76	321.0
22:49:05	890.58	102.2	0.00	180.4	0.00	0.0	7327.68	321.0
22:49:10	892.46	102.5	0.00	180.3	0.00	0.0	7329.57	321.0
22:49:20	895.90	102.6	0.00	180.2	0.00	0.0	7333.33	321.0
22:49:25	897.62	102.5	0.00	180.2	0.00	0.0	7335.08	321.0
22:49:35	901.17	102.3	0.00	180.1	0.00	0.0	7338.75	321.0
22:49:40	902.75	102.2	0.00	180.0	0.00	0.0	7340.55	321.0
22:49:50	906.40	102.5	0.00	179.9	0.00	0.0	7344.12	321.0
22:49:55	907.76	101.8	0.00	179.9	0.00	0.0	7345.81	321.0
22:50:05	911.33	102.5	0.00	179.8	0.00	0.0	7349.42	321.0
22:50:10	912.76	102.1	0.00	179.8	0.00	0.0	7350.87	321.0
22:50:20	915.80	102.2	0.00	179.7	0.00	0.0	7354.25	321.0
22:50:30	919.27	102.7	0.00	179.6	0.00	0.0	7357.49	321.0
22:50:35	920.59	102.4	0.00	179.5	0.00	0.0	7359.17	321.0
22:50:45	923.92	102.7	0.00	179.4	0.00	0.0	7362.30	321.0
22:50:50	925.34	102.5	0.00	179.4	0.00	0.0	7363.90	321.0
22:51:05	929.88	102.7	0.00	179.3	0.00	0.0	7368.61	321.0
22:51:10	931.10	102.4	0.00	179.2	0.00	0.0	7370.06	321.0
22:51:20	934.11	102.4	0.00	179.1	0.00	0.0	7373.10	321.0
22:51:25	935.44	102.3	0.00	179.0	0.00	0.0	7374.61	321.0
22:51:35	938.45	102.3	0.00	178.9	0.00	0.0	7377.51	321.0
22:51:40	939.85	102.4	0.00	178.9	0.00	0.0	7378.95	321.0
22:51:50	942.49	102.5	0.00	178.8	0.00	0.0	7381.80	321.0
22:51:55	943.90	102.2	0.00	178.8	0.00	0.0	7383.24	321.0
22:52:05	946.91	102.5	0.00	178.6	0.00	0.0	7386.12	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
22:52:10	948.25	102.6	0.00	178.6	0.00	0.0	7387.49	321.0
22:52:20	950.64	102.4	0.00	178.5	0.00	0.0	7390.23	321.0
22:52:30	953.31	102.2	0.00	178.4	0.00	0.0	7392.96	321.0
22:52:35	954.72	102.3	0.00	178.3	0.00	0.0	7394.29	321.0
22:52:45	957.31	102.7	0.00	178.2	0.00	0.0	7396.97	321.0
22:52:50	958.61	102.6	0.00	178.2	0.00	0.0	7398.33	321.0
22:53:00	961.18	102.1	0.00	178.1	0.00	0.0	7401.04	321.0
22:53:05	962.37	102.3	0.00	178.0	0.00	0.0	7402.18	321.0
22:53:15	964.64	102.1	0.00	177.9	0.00	0.0	7404.79	321.0
22:53:20	966.23	102.5	0.00	177.8	0.00	0.0	7406.09	321.0
22:53:30	968.50	102.3	0.00	177.7	0.00	0.0	7408.67	321.0
22:53:35	969.64	102.4	0.00	177.6	0.00	0.0	7409.88	321.0
22:53:45	972.09	102.1	0.00	177.5	0.00	0.0	7412.42	321.0
22:53:50	973.26	102.1	0.00	177.4	0.00	0.0	7413.63	321.0
22:54:00	975.76	102.2	0.00	177.3	0.00	0.0	7416.11	321.0
22:54:05	976.83	102.3	0.00	177.2	0.00	0.0	7417.34	321.0
22:54:15	979.22	102.7	0.00	177.1	0.00	0.0	7419.69	321.0
22:54:20	980.59	102.6	0.00	177.0	0.00	0.0	7420.99	321.0
22:54:30	982.57	102.1	0.00	176.9	0.00	0.0	7423.34	321.0
22:54:40	984.96	102.1	0.00	176.7	0.00	0.0	7425.72	321.0
22:54:45	986.14	102.5	0.00	176.6	0.00	0.0	7426.87	321.0
22:54:55	988.32	101.9	0.00	176.5	0.00	0.0	7429.21	321.0
22:55:00	989.44	102.1	0.00	176.4	0.00	0.0	7430.35	321.0
22:55:10	991.63	102.1	0.00	176.3	0.00	0.0	7432.53	321.0
22:55:15	992.67	102.2	0.00	176.2	0.00	0.0	7433.66	321.0
22:55:25	994.79	101.9	0.00	176.1	0.00	0.0	7435.91	321.0
22:55:30	995.91	102.1	0.00	176.0	0.00	0.0	7437.02	321.0
22:55:40	998.06	102.3	0.00	175.8	0.00	0.0	7439.32	321.0
22:55:45	999.15	102.3	0.00	175.7	0.00	0.0	7440.35	321.0
22:55:55	1001.24	102.3	0.00	175.6	0.00	0.0	7442.61	321.0
22:56:00	1002.26	101.9	0.00	175.6	0.00	0.0	7443.74	321.0
22:56:10	1004.38	102.2	0.00	175.5	0.00	0.0	7445.85	321.0
22:56:15	1005.38	102.8	0.00	175.4	0.00	0.0	7446.97	321.0
22:56:25	1007.63	102.5	0.00	175.3	0.00	0.0	7449.12	321.0
22:56:35	1009.60	102.2	0.00	175.1	0.00	0.0	7451.31	321.0
22:56:40	1010.57	102.1	0.00	175.0	0.00	0.0	7452.32	321.0
22:56:50	1012.54	102.3	0.00	174.8	0.00	0.0	7454.46	321.0
22:56:55	1013.61	102.2	0.00	174.7	0.00	0.0	7455.54	321.0
22:57:05	1015.64	102.0	0.00	174.6	0.00	0.0	7457.67	321.0
22:57:10	1016.61	102.1	0.00	174.5	0.00	0.0	7458.65	321.0
22:57:20	1018.46	102.1	0.00	174.4	0.00	0.0	7460.80	321.0
22:57:25	1019.61	101.9	0.00	174.4	0.00	0.0	7461.76	321.0
22:57:35	1021.33	101.5	0.00	174.2	0.00	0.0	7463.87	321.0
22:57:40	1022.55	102.0	0.00	174.2	0.00	0.0	7464.87	321.0
22:57:50	1024.45	102.5	0.00	174.0	0.00	0.0	7466.90	321.0
22:57:55	1025.33	102.2	0.00	174.0	0.00	0.0	7467.89	321.0
22:58:05	1027.23	101.7	0.00	173.8	0.00	0.0	7469.97	321.0
22:58:10	1028.30	102.3	0.00	173.8	0.00	0.0	7470.90	321.0
22:58:20	1030.36	102.6	0.00	173.7	0.00	0.0	7472.94	321.0
22:58:25	1031.16	102.3	0.00	173.6	0.00	0.0	7473.90	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
22:58:35	1033.10	102.3	0.00	173.5	0.00	0.0	7475.86	321.0
22:58:50	1035.79	102.2	0.00	173.3	0.00	0.0	7478.77	321.0
22:58:55	1036.76	102.5	0.00	173.3	0.00	0.0	7479.75	321.0
22:59:05	1038.67	102.5	0.00	173.1	0.00	0.0	7481.72	321.0
22:59:10	1039.41	102.1	0.00	173.1	0.00	0.0	7482.61	321.0
22:59:20	1041.10	101.8	0.00	173.0	0.00	0.0	7484.54	321.0
22:59:25	1042.18	102.0	0.00	172.9	0.00	0.0	7485.51	321.0
22:59:35	1043.98	102.2	0.00	172.7	0.00	0.0	7487.38	321.0
22:59:40	1044.84	102.0	0.00	172.7	0.00	0.0	7488.35	321.0
22:59:50	1046.52	102.0	0.00	172.6	0.00	0.0	7490.21	321.0
22:59:55	1047.75	102.6	0.00	172.5	0.00	0.0	7491.17	321.0
23:00:30	1053.70	102.3	0.00	172.0	0.00	0.0	7497.60	321.0
23:01:00	1058.75	101.6	0.00	171.7	0.00	0.0	7503.11	321.0
23:01:30	1063.84	102.4	0.00	171.2	0.00	0.0	7508.43	321.0
23:02:00	1068.82	101.9	0.00	170.8	0.00	0.0	7513.76	321.0
23:02:30	1073.60	101.8	0.00	170.4	0.00	0.0	7518.92	321.0
23:03:00	1078.51	101.6	0.00	170.0	0.00	0.0	7524.07	321.0
23:03:30	1083.11	101.6	0.00	169.6	0.00	0.0	7529.06	321.0
23:04:00	1087.86	101.8	0.00	169.1	0.00	0.0	7534.01	321.0
23:04:30	1092.47	102.1	0.00	168.7	0.00	0.0	7538.86	321.0
23:05:00	1096.84	101.5	0.00	168.3	0.00	0.0	7543.68	321.0
23:05:30	1101.18	101.8	0.00	167.9	0.00	0.0	7548.35	321.0
23:06:00	1105.58	101.8	0.00	167.5	0.00	0.0	7553.08	321.0
23:06:30	1109.97	102.1	0.00	167.2	0.00	0.0	7557.62	321.0
23:07:00	1114.06	101.7	0.00	166.9	0.00	0.0	7562.14	321.0
23:07:30	1118.35	102.4	0.00	166.5	0.00	0.0	7566.61	321.0
23:08:00	1122.26	101.6	0.00	166.2	0.00	0.0	7571.03	321.0
23:08:30	1126.43	102.5	0.00	165.8	0.00	0.0	7575.31	321.0
23:09:00	1130.15	101.2	0.00	165.5	0.00	0.0	7579.61	321.0
23:09:30	1134.14	101.5	0.00	165.1	0.00	0.0	7583.85	321.0
23:10:00	1137.97	101.6	0.00	164.9	0.00	0.0	7587.97	321.0
23:10:30	1141.88	101.8	0.00	164.5	0.00	0.0	7592.18	321.0
23:11:00	1145.77	102.2	0.00	164.2	0.00	0.0	7596.34	321.0
23:11:30	1149.55	102.3	0.00	163.8	0.00	0.0	7600.32	321.0
23:12:00	1153.23	101.9	0.00	163.5	0.00	0.0	7604.37	321.0
23:12:30	1156.15	101.1	0.00	163.2	0.00	0.0	7608.01	321.0
23:13:00	1159.60	101.1	0.00	162.8	0.00	0.0	7611.65	321.0
23:13:30	1163.29	101.9	0.00	162.5	0.00	0.0	7615.48	321.0
23:14:00	1166.74	101.7	0.00	162.2	0.00	0.0	7619.17	321.0
23:14:30	1170.20	101.6	0.00	161.8	0.00	0.0	7623.02	321.0
23:15:00	1173.69	101.3	0.00	161.5	0.00	0.0	7626.82	321.0
23:15:30	1176.89	101.3	0.00	161.1	0.00	0.0	7630.51	321.0
23:16:00	1180.13	100.6	0.00	160.8	0.00	0.0	7634.20	321.0
23:16:30	1183.66	101.5	0.00	160.4	0.00	0.0	7637.81	321.0
23:17:00	1187.09	102.0	0.00	160.0	0.00	0.0	7641.42	321.0
23:17:30	1190.27	101.8	0.00	159.7	0.00	0.0	7644.95	321.0
23:18:00	1193.43	101.5	0.00	159.3	0.00	0.0	7648.47	321.0
23:18:30	1196.52	101.5	0.00	159.0	0.00	0.0	7651.99	321.0
23:19:00	1199.98	101.7	0.00	158.6	0.00	0.0	7655.43	321.0
23:19:30	1202.83	101.0	0.00	158.3	0.00	0.0	7658.89	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
23:20:00	1206.05	101.1	0.00	158.0	0.00	0.0	7662.30	321.0
23:20:30	1209.12	101.4	0.00	157.7	0.00	0.0	7665.68	321.0
23:21:00	1212.07	101.1	0.00	157.4	0.00	0.0	7669.02	321.0
23:21:30	1215.29	101.9	0.00	157.0	0.00	0.0	7672.32	321.0
23:22:00	1218.35	101.8	0.00	156.7	0.00	0.0	7675.59	321.0
23:22:30	1221.18	101.7	0.00	156.4	0.00	0.0	7678.84	321.0
23:23:00	1223.96	100.9	0.00	156.1	0.00	0.0	7682.12	321.0
23:23:30	1226.84	101.1	0.00	155.7	0.00	0.0	7685.27	321.0
23:24:00	1229.84	101.3	0.00	155.5	0.00	0.0	7688.47	321.0
23:24:30	1232.75	101.7	0.00	155.1	0.00	0.0	7691.52	321.0
23:25:00	1235.21	100.9	0.00	154.8	0.00	0.0	7694.61	321.0
23:25:30	1238.12	101.3	0.00	154.6	0.00	0.0	7697.61	321.0
23:26:00	1240.73	100.5	0.00	154.3	0.00	0.0	7700.65	321.0
23:26:30	1243.47	100.7	0.00	154.0	0.00	0.0	7703.63	321.0
23:27:00	1246.34	101.6	0.00	153.7	0.00	0.0	7706.55	321.0
23:27:30	1248.93	101.1	0.00	153.4	0.00	0.0	7709.59	321.0
23:28:00	1251.74	101.3	0.00	153.1	0.00	0.0	7712.58	321.0
23:28:30	1254.45	101.8	0.00	152.8	0.00	0.0	7715.53	321.0
23:29:00	1256.71	100.3	0.00	152.6	0.00	0.0	7718.35	321.0
23:29:30	1259.38	100.6	0.00	152.3	0.00	0.0	7721.23	321.0
23:30:00	1262.15	101.3	0.00	152.0	0.00	0.0	7724.12	321.0
23:31:00	1267.22	100.8	0.00	151.5	0.00	0.0	7729.30	321.0
23:32:00	1271.19	100.0	0.00	151.0	0.00	0.0	7734.47	321.0
23:33:00	1276.91	100.0	0.00	150.4	0.00	0.0	7740.58	321.0
23:34:00	1282.48	102.1	0.00	149.8	0.00	0.0	7746.40	321.0
23:35:00	1287.09	101.2	0.00	149.2	0.00	0.0	7751.76	321.0
23:36:00	1291.69	100.5	0.00	148.6	0.00	0.0	7757.11	321.0
23:37:00	1296.68	101.4	0.00	148.2	0.00	0.0	7762.45	321.0
23:38:00	1301.08	100.3	0.00	147.7	0.00	0.0	7767.49	321.0
23:39:00	1306.05	101.8	0.00	147.2	0.00	0.0	7772.58	321.0
23:40:00	1309.95	99.8	0.00	146.8	0.00	0.0	7777.57	321.0
23:41:00	1314.54	100.4	0.00	146.2	0.00	0.0	7782.49	321.0
23:42:00	1318.91	101.2	0.00	145.7	0.00	0.0	7787.14	321.0
23:43:00	1322.97	100.1	0.00	145.2	0.00	0.0	7792.06	321.0
23:44:00	1327.28	100.4	0.00	144.8	0.00	0.0	7796.76	321.0
23:45:00	1331.45	100.5	0.00	144.5	0.00	0.0	7801.44	321.0
23:46:00	1335.59	100.3	0.00	144.0	0.00	0.0	7806.03	321.0
23:47:00	1339.29	99.3	0.00	143.5	0.00	0.0	7810.50	321.0
23:48:00	1343.34	99.3	0.00	143.1	0.00	0.0	7815.01	321.0
23:49:00	1347.13	98.5	0.00	142.6	0.00	0.0	7819.48	321.0
23:50:00	1351.35	100.1	0.00	142.2	0.00	0.0	7823.82	321.0
23:51:00	1354.77	98.7	0.00	141.7	0.00	0.0	7828.08	321.0
23:52:00	1358.57	98.5	0.00	141.2	0.00	0.0	7832.35	321.0
23:53:00	1362.67	99.8	0.00	140.6	0.00	0.0	7836.49	321.0
23:54:00	1366.27	100.4	0.00	140.1	0.00	0.0	7840.50	321.0
23:55:00	1369.78	99.8	0.00	139.8	0.00	0.0	7844.60	321.0
23:56:00	1373.15	98.8	0.00	139.3	0.00	0.0	7848.65	321.0
23:57:00	1377.20	101.3	0.00	138.9	0.00	0.0	7852.69	321.0
23:58:00	1380.10	100.2	0.00	138.5	0.00	0.0	7855.39	321.0
23:59:00	1383.69	101.3	0.00	138.2	0.00	0.0	7851.43	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/09/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
00:00:00	1386.91	101.0	0.00	137.8	0.00	0.0	7863.66	321.0
00:01:00	1389.51	98.5	0.00	137.4	0.00	0.0	7867.36	321.0
00:02:00	1392.99	99.1	0.00	136.9	0.00	0.0	7871.07	321.0
00:03:00	1396.72	101.3	0.00	136.5	0.00	0.0	7874.73	321.0
00:04:00	1399.31	98.6	0.00	136.2	0.00	0.0	7878.45	321.0
00:05:00	1402.93	100.1	0.00	135.7	0.00	0.0	7882.11	321.0
00:06:00	1405.87	99.1	0.00	135.4	0.00	0.0	7885.71	321.0
00:07:00	1408.99	99.3	0.00	135.1	0.00	0.0	7889.30	321.0
00:08:00	1411.94	98.8	0.00	134.8	0.00	0.0	7892.78	321.0
00:09:00	1415.21	99.5	0.00	134.3	0.00	0.0	7896.28	321.0
00:10:00	1417.82	98.4	0.00	134.0	0.00	0.0	7899.51	321.0
00:11:00	1421.09	100.2	0.00	133.5	0.00	0.0	7902.92	321.0
00:12:00	1424.20	100.7	0.00	133.2	0.00	0.0	7906.29	321.0
00:13:00	1426.67	98.5	0.00	132.9	0.00	0.0	7909.60	321.0
00:14:00	1429.30	97.9	0.00	132.6	0.00	0.0	7912.93	321.0
00:15:00	1432.09	97.9	0.00	132.3	0.00	0.0	7916.16	321.0
00:16:00	1435.00	98.1	0.00	131.9	0.00	0.0	7919.43	321.0
00:17:00	1437.95	98.6	0.00	131.6	0.00	0.0	7922.65	321.0
00:18:00	1440.91	99.4	0.00	131.1	0.00	0.0	7925.85	321.0
00:19:00	1443.62	99.6	0.00	130.7	0.00	0.0	7928.91	321.0
00:20:00	1446.12	98.6	0.00	130.4	0.00	0.0	7931.96	321.0
00:21:00	1448.68	98.2	0.00	130.1	0.00	0.0	7935.03	321.0
00:22:00	1451.60	99.2	0.00	129.8	0.00	0.0	7938.07	321.0
00:23:00	1454.11	98.2	0.00	129.4	0.00	0.0	7941.12	321.0
00:24:00	1456.66	98.1	0.00	129.2	0.00	0.0	7944.13	321.0
00:25:00	1459.26	98.5	0.00	128.9	0.00	0.0	7947.07	321.0
00:26:00	1461.97	99.2	0.00	128.6	0.00	0.0	7950.00	321.0
00:27:00	1464.34	98.5	0.00	128.2	0.00	0.0	7952.87	321.0
00:28:00	1466.90	98.4	0.00	127.9	0.00	0.0	7955.75	321.0
00:29:00	1469.18	98.2	0.00	127.7	0.00	0.0	7958.59	321.0
00:30:00	1471.77	98.6	0.00	127.3	0.00	0.0	7961.47	321.0
00:31:00	1474.20	98.4	0.00	127.0	0.00	0.0	7964.22	321.0
00:32:00	1476.57	98.6	0.00	126.6	0.00	0.0	7966.68	321.0
00:33:00	1478.54	98.9	0.00	126.3	0.00	0.0	7969.13	321.0
00:34:00	1480.76	98.5	0.00	126.0	0.00	0.0	7971.82	321.0
00:35:00	1482.88	98.3	0.00	125.8	0.00	0.0	7974.54	321.0
00:36:00	1485.44	98.4	0.00	125.5	0.00	0.0	7977.24	321.0
00:37:00	1487.49	97.7	0.00	125.2	0.00	0.0	7979.91	321.0
00:38:00	1489.81	97.5	0.00	124.9	0.00	0.0	7982.58	321.0
00:39:00	1492.32	98.8	0.00	124.7	0.00	0.0	7985.24	321.0
00:40:00	1494.53	98.7	0.00	124.4	0.00	0.0	7987.85	321.0
00:41:00	1496.74	98.5	0.00	124.1	0.00	0.0	7990.43	321.0
00:42:00	1498.63	97.6	0.00	124.0	0.00	0.0	7992.99	321.0
00:43:00	1500.86	97.5	0.00	123.7	0.00	0.0	7995.50	321.0
00:44:00	1503.16	98.6	0.00	123.5	0.00	0.0	7998.09	321.0
00:45:00	1504.91	97.6	0.00	123.3	0.00	0.0	8000.49	321.0
00:46:00	1507.16	98.1	0.00	123.0	0.00	0.0	8002.96	321.0
00:47:00	1509.25	97.6	0.00	122.8	0.00	0.0	8005.32	321.0
00:48:00	1511.29	97.4	0.00	122.5	0.00	0.0	8007.74	321.0
00:49:00	1513.62	98.7	0.00	122.2	0.00	0.0	8010.16	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/10/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
00:50:00	1515.56	98.4	0.00	121.9	0.00	0.0	8012.54	321.0
00:51:00	1517.33	97.1	0.00	121.7	0.00	0.0	8014.91	321.0
00:52:00	1519.53	97.8	0.00	121.5	0.00	0.0	8017.28	321.0
00:53:00	1521.34	97.2	0.00	121.3	0.00	0.0	8019.63	321.0
00:54:00	1523.32	97.7	0.00	121.0	0.00	0.0	8021.89	321.0
00:55:00	1525.23	97.1	0.00	120.9	0.00	0.0	8024.15	321.0
00:56:00	1527.23	97.7	0.00	120.6	0.00	0.0	8025.71	321.0
00:57:00	1528.99	97.3	0.00	120.4	0.00	0.0	8028.69	321.0
00:58:00	1530.88	97.8	0.00	120.2	0.00	0.0	8030.72	321.0
00:59:00	1532.57	97.4	0.00	120.0	0.00	0.0	8032.74	321.0
01:00:00	1534.51	97.2	0.00	119.7	0.00	0.0	8034.97	321.0
01:01:00	1536.21	97.1	0.00	119.5	0.00	0.0	8037.24	321.0
01:02:00	1538.20	97.8	0.00	119.2	0.00	0.0	8039.47	321.0
01:03:00	1539.94	97.0	0.00	119.0	0.00	0.0	8041.55	321.0
01:04:00	1541.86	97.8	0.00	118.7	0.00	0.0	8043.67	321.0
01:05:00	1543.46	97.2	0.00	118.6	0.00	0.0	8045.86	321.0
01:06:00	1545.20	97.2	0.00	118.3	0.00	0.0	8047.86	321.0
01:07:00	1547.09	97.6	0.00	118.2	0.00	0.0	8049.95	321.0
01:08:00	1548.81	97.3	0.00	118.0	0.00	0.0	8052.07	321.0
01:09:00	1550.57	96.8	0.00	117.7	0.00	0.0	8054.15	321.0
01:10:00	1552.07	96.5	0.00	117.6	0.00	0.0	8056.21	321.0
01:11:00	1553.90	97.1	0.00	117.3	0.00	0.0	8058.18	321.0
01:12:00	1555.51	97.0	0.00	117.1	0.00	0.0	8060.15	321.0
01:13:00	1557.27	97.5	0.00	116.9	0.00	0.0	8062.09	321.0
01:14:00	1558.28	97.0	0.00	116.7	0.00	0.0	8063.50	321.0
01:15:00	1559.46	96.3	0.00	116.5	0.00	0.0	8065.25	321.0
01:16:00	1561.10	97.1	0.00	116.2	0.00	0.0	8066.97	321.0
01:17:00	1562.62	96.7	0.00	115.9	0.00	0.0	8068.85	321.0
01:18:00	1564.28	97.0	0.00	115.7	0.00	0.0	8070.70	321.0
01:19:00	1565.69	96.4	0.00	115.5	0.00	0.0	8072.50	321.0
01:20:00	1567.33	96.6	0.00	115.3	0.00	0.0	8074.42	321.0
01:21:00	1569.04	97.2	0.00	115.1	0.00	0.0	8076.36	321.0
01:22:00	1570.51	96.6	0.00	114.9	0.00	0.0	8078.32	321.0
01:23:00	1572.18	96.8	0.00	114.7	0.00	0.0	8080.25	321.0
01:24:00	1573.77	96.7	0.00	114.5	0.00	0.0	8082.16	321.0
01:25:00	1575.31	96.1	0.00	114.3	0.00	0.0	8084.09	321.0
01:26:00	1576.98	96.4	0.00	114.1	0.00	0.0	8085.84	321.0
01:27:00	1578.36	96.5	0.00	114.0	0.00	0.0	8087.65	321.0
01:28:00	1579.91	96.3	0.00	113.8	0.00	0.0	8089.62	321.0
01:29:00	1581.51	96.4	0.00	113.6	0.00	0.0	8091.46	321.0
01:30:00	1582.93	96.4	0.00	113.4	0.00	0.0	8093.25	321.0
01:35:00	1590.25	96.2	0.00	112.5	0.00	0.0	8102.06	321.0
01:40:00	1597.24	95.7	0.00	111.6	0.00	0.0	8110.55	321.0
01:45:00	1603.99	95.7	0.00	110.7	0.00	0.0	8118.67	321.0
01:50:00	1610.64	95.6	0.00	109.8	0.00	0.0	8126.74	321.0
01:55:00	1617.09	95.8	0.00	108.9	0.00	0.0	8134.39	321.0
02:00:00	1623.14	95.7	0.00	108.1	0.00	0.0	8142.15	321.0
02:05:00	1629.23	95.1	0.00	107.5	0.00	0.0	8149.28	321.0
02:10:00	1632.72	95.1	0.00	106.7	0.00	0.0	8154.05	321.0
02:15:00	1638.55	94.8	0.00	106.0	0.00	0.0	8161.14	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/10/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
02:20:00	1643.96	94.6	0.00	105.3	0.00	0.0	8167.89	321.0
02:25:00	1649.66	94.9	0.00	104.7	0.00	0.0	8174.72	321.0
02:30:00	1654.92	94.7	0.00	103.9	0.00	0.0	8181.20	321.0
02:35:00	1659.90	94.5	0.00	103.1	0.00	0.0	8187.35	321.0
02:40:00	1665.10	93.9	0.00	102.6	0.00	0.0	8193.76	321.0
02:45:00	1669.69	93.8	0.00	102.0	0.00	0.0	8199.46	321.0
02:50:00	1674.08	93.6	0.00	101.3	0.00	0.0	8205.06	321.0
02:55:00	1678.79	93.4	0.00	100.7	0.00	0.0	8210.88	321.0
03:00:00	1683.35	93.5	0.00	100.0	0.00	0.0	8216.53	321.0
03:05:00	1687.76	93.6	0.00	99.5	0.00	0.0	8222.16	321.0
03:10:00	1691.85	93.3	0.00	98.9	0.00	0.0	8227.11	321.0
03:15:00	1695.94	93.1	0.00	98.4	0.00	0.0	8232.19	321.0
03:20:00	1699.67	93.0	0.00	97.9	0.00	0.0	8237.01	321.0
03:25:00	1703.70	93.0	0.00	97.4	0.00	0.0	8242.02	321.0
03:30:00	1707.46	92.8	0.00	97.0	0.00	0.0	8246.77	321.0
03:35:00	1711.22	92.7	0.00	96.6	0.00	0.0	8251.48	321.0
03:40:00	1714.88	92.8	0.00	96.2	0.00	0.0	8256.13	321.0
03:45:00	1718.30	92.4	0.00	95.7	0.00	0.0	8260.54	321.0
03:50:00	1721.77	92.5	0.00	95.2	0.00	0.0	8264.91	321.0
03:55:00	1725.08	92.6	0.00	94.7	0.00	0.0	8269.19	321.0
04:00:00	1728.42	92.2	0.00	94.3	0.00	0.0	8273.37	321.0
04:05:00	1731.66	92.4	0.00	94.0	0.00	0.0	8277.51	321.0
04:10:00	1734.73	92.5	0.00	93.6	0.00	0.0	8281.48	321.0
04:15:00	1737.65	91.9	0.00	93.2	0.00	0.0	8285.25	321.0
04:20:00	1740.86	92.2	0.00	93.0	0.00	0.0	8287.87	321.0
04:25:00	1743.83	92.2	0.00	92.7	0.00	0.0	8293.14	321.0
04:30:00	1746.61	92.1	0.00	92.4	0.00	0.0	8296.81	321.0
04:35:00	1749.27	92.0	0.00	92.1	0.00	0.0	8300.34	321.0
04:40:00	1752.10	92.0	0.00	91.7	0.00	0.0	8303.96	321.0
04:45:00	1754.39	91.9	0.00	91.4	0.00	0.0	8307.80	321.0
04:50:00	1753.23	92.1	0.00	91.2	0.00	0.0	8306.52	321.0
04:55:00	1756.28	92.0	0.00	91.0	0.00	0.0	8310.38	321.0
05:00:00	1759.00	91.7	0.00	90.7	0.00	0.0	8313.95	321.0
05:05:00	1761.89	92.0	0.00	90.4	0.00	0.0	8317.61	321.0
05:10:00	1764.46	91.5	0.00	90.2	0.00	0.0	8320.99	321.0
05:15:00	1767.51	91.7	0.00	89.9	0.00	0.0	8324.76	321.0
05:20:00	1769.45	91.4	0.00	89.7	0.00	0.0	8327.54	321.0
05:25:00	1771.82	91.8	0.00	89.5	0.00	0.0	8330.51	321.0
05:30:00	1774.21	91.6	0.00	89.2	0.00	0.0	8333.38	321.0
05:35:00	1776.69	91.8	0.00	89.0	0.00	0.0	8336.79	321.0
05:40:00	1779.25	91.6	0.00	88.7	0.00	0.0	8340.15	321.0
05:45:00	1781.04	91.5	0.00	88.6	0.00	0.0	8342.61	321.0
05:50:00	1783.11	91.2	0.00	88.4	0.00	0.0	8345.43	321.0
05:55:00	1785.14	91.3	0.00	88.2	0.00	0.0	8348.14	321.0
06:00:00	1787.22	91.4	0.00	88.0	0.00	0.0	8350.87	321.0
06:05:00	1789.55	91.4	0.00	87.7	0.00	0.0	8353.18	321.0
06:10:00	1791.63	91.3	0.00	87.6	0.00	0.0	8356.54	321.0
06:15:00	1793.82	91.0	0.00	87.5	0.00	0.0	8359.44	321.0
06:20:00	1796.07	91.1	0.00	87.3	0.00	0.0	8362.30	321.0
06:25:00	1797.65	91.3	0.00	87.1	0.00	0.0	8364.58	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/10/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
06:30:00	1799.34	90.9	0.00	87.1	0.00	0.0	8366.88	321.0
06:35:00	1801.26	91.2	0.00	86.9	0.00	0.0	8369.39	321.0
06:40:00	1803.29	91.1	0.00	86.9	0.00	0.0	8372.02	321.0
06:45:00	1805.10	90.8	0.00	87.0	0.00	0.0	8374.52	321.0
06:50:00	1807.08	91.2	0.00	86.9	0.00	0.0	8377.06	321.0
06:55:00	1808.69	91.0	0.00	86.8	0.00	0.0	8379.28	321.0
07:00:00	1810.28	91.3	0.00	87.0	0.00	0.0	8381.43	321.0
07:05:00	1811.82	91.3	0.00	87.0	0.00	0.0	8383.62	321.0
07:10:00	1813.51	91.4	0.00	87.1	0.00	0.0	8385.89	321.0
07:15:00	1815.20	91.0	0.00	87.5	0.00	0.0	8388.24	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/10/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
07:45:00	1824.34	92.3	0.00	90.3	0.00	0.0	8400.79	321.0
07:50:00	1822.63	92.3	0.00	90.7	0.00	0.0	8399.40	321.0
07:55:00	1823.85	92.5	0.00	91.1	0.00	0.0	8401.24	321.0
08:00:00	1825.74	91.9	0.00	91.4	0.00	0.0	8403.92	321.0
08:05:00	1827.74	92.2	0.00	91.6	0.00	0.0	8406.43	321.0
08:10:00	1828.87	92.0	0.00	91.9	0.00	0.0	8408.23	321.0
08:15:00	1830.24	92.7	0.00	91.8	0.00	0.0	8410.13	321.0
08:20:00	1830.96	92.6	0.00	91.8	0.00	0.0	8411.37	321.0
08:25:00	1832.28	93.4	0.00	91.9	0.00	0.0	8413.22	321.0
08:30:00	1833.97	93.3	0.00	92.3	0.00	0.0	8415.52	321.0
08:35:00	1835.38	93.4	0.00	92.7	0.00	0.0	8417.38	321.0
08:40:00	1837.27	94.3	0.00	93.0	0.00	0.0	8419.89	321.0
08:45:00	1838.32	94.2	0.00	93.1	0.00	0.0	8421.52	321.0
08:50:00	1839.46	94.3	0.00	93.0	0.00	0.0	8423.19	321.0
08:55:00	1840.59	94.7	0.00	92.9	0.00	0.0	8424.89	321.0
09:00:00	1841.96	95.3	0.00	93.4	0.00	0.0	8426.69	321.0
09:05:00	1843.32	95.6	0.00	93.7	0.00	0.0	8428.61	321.0
09:10:00	1844.63	95.9	0.00	93.9	0.00	0.0	8430.37	321.0
09:15:00	1844.07	95.7	0.00	94.0	0.00	0.0	8429.64	321.0
09:20:00	1845.37	95.7	0.00	94.1	0.00	0.0	8432.09	321.0
09:25:00	1847.00	96.7	0.00	94.0	0.00	0.0	8434.15	321.0
09:30:00	1847.88	96.2	0.00	94.1	0.00	0.0	8435.56	321.0
09:35:00	1848.90	96.9	0.00	94.7	0.00	0.0	8437.04	321.0
09:40:00	1849.94	96.3	0.00	95.2	0.00	0.0	8438.65	321.0
09:45:00	1851.10	96.5	0.00	96.1	0.00	0.0	8440.38	321.0
09:50:00	1851.82	97.0	0.00	96.9	0.00	0.0	8441.59	321.0
09:55:00	1852.71	97.4	0.00	96.7	0.00	0.0	8442.98	321.0
10:00:00	1853.86	97.9	0.00	96.7	0.00	0.0	8444.66	321.0
10:05:00	1855.51	98.9	0.00	97.9	0.00	0.0	8446.71	321.0
10:10:00	1856.37	98.7	0.00	99.0	0.00	0.0	8447.38	321.0
10:15:00	1856.96	99.6	0.00	99.0	0.00	0.0	8449.18	321.0
10:20:00	1857.72	99.6	0.00	98.9	0.00	0.0	8450.56	321.0
10:25:00	1858.76	99.7	0.00	98.9	0.00	0.0	8451.68	321.0
10:30:00	1859.89	100.3	0.00	99.2	0.00	0.0	8453.50	321.0
10:35:00	1860.85	100.2	0.00	99.3	0.00	0.0	8455.02	321.0
10:40:00	1862.08	101.6	0.00	100.3	0.00	0.0	8456.58	321.0
10:45:00	1862.92	101.5	0.00	101.4	0.00	0.0	8458.09	321.0
10:50:00	1863.87	101.9	0.00	102.4	0.00	0.0	8459.63	321.0
10:55:00	1864.72	102.7	0.00	103.3	0.00	0.0	8461.08	321.0
11:00:00	1865.20	103.8	0.00	103.1	0.00	0.0	8462.24	321.0
11:05:00	1865.93	104.5	0.00	102.6	0.00	0.0	8463.33	321.0
11:10:00	1866.71	104.7	0.00	103.3	0.00	0.0	8464.55	321.0
11:15:00	1867.63	105.0	0.00	103.7	0.00	0.0	8465.88	321.0
11:20:00	1868.60	105.7	0.00	104.0	0.00	0.0	8467.28	321.0
11:25:00	1869.49	106.6	0.00	105.0	0.00	0.0	8468.67	321.0
11:30:00	1870.20	107.0	0.00	105.0	0.00	0.0	8469.91	321.0
11:35:00	1871.07	107.5	0.00	105.7	0.00	0.0	8471.25	321.0
11:40:00	1871.92	108.5	0.00	105.2	0.00	0.0	8472.52	321.0
11:45:00	1873.03	108.6	0.00	104.5	0.00	0.0	8473.87	321.0
11:50:00	1874.18	108.7	0.00	104.1	0.00	0.0	8475.22	321.0

Date	PANEX		PANEX				HF QUARTZ	
06/10/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
11:55:00	1875.12	108.9	0.00	104.7	0.00	0.0	8476.20	321.0
12:00:00	1875.68	108.4	0.00	105.5	0.00	0.0	8477.26	321.0
12:05:00	1876.33	108.7	0.00	106.1	0.00	0.0	8478.37	321.0
12:10:00	1877.04	109.1	0.00	107.0	0.00	0.0	8479.58	321.0
12:15:00	1877.81	109.8	0.00	107.9	0.00	0.0	8480.84	321.0
12:20:00	1878.54	110.3	0.00	108.4	0.00	0.0	8482.09	321.0
12:25:00	1879.27	111.1	0.00	108.7	0.00	0.0	8483.28	321.0
12:30:00	1880.13	111.5	0.00	109.3	0.00	0.0	8484.59	321.0
12:35:00	1881.01	111.8	0.00	110.3	0.00	0.0	8485.88	321.0
12:40:00	1881.70	112.7	0.00	110.7	0.00	0.0	8487.09	321.0
12:45:00	1881.53	112.3	0.00	109.7	0.00	0.0	8487.24	321.0
12:50:00	1882.37	112.9	0.00	108.8	0.00	0.0	8488.02	321.0
12:55:00	1883.31	112.7	0.00	108.4	0.00	0.0	8489.10	321.0
13:00:00	1884.36	113.1	0.00	107.3	0.00	0.0	8490.19	321.0
13:05:00	1885.42	112.6	0.00	105.3	0.00	0.0	8491.32	321.0
13:10:00	1886.72	112.2	0.00	102.7	0.00	0.0	8492.54	321.0
13:15:00	1887.84	110.9	0.00	101.8	0.00	0.0	8493.65	321.0
13:20:00	1888.96	110.3	0.00	100.9	0.00	0.0	8494.81	321.0
13:25:00	1889.94	109.2	0.00	99.9	0.00	0.0	8495.95	321.0
13:30:00	1891.00	109.0	0.00	99.6	0.00	0.0	8497.09	321.0
13:35:00	1892.11	107.9	0.00	99.2	0.00	0.0	8498.46	321.0
13:40:00	1892.81	107.8	0.00	98.9	0.00	0.0	8499.40	321.0
13:45:00	1893.29	106.6	0.00	98.6	0.00	0.0	8500.19	321.0
13:50:00	1893.93	106.6	0.00	98.2	0.00	0.0	8501.03	321.0
13:55:00	1894.62	106.0	0.00	97.9	0.00	0.0	8501.99	321.0
14:00:00	1895.38	105.6	0.00	97.5	0.00	0.0	8502.99	321.0
14:05:00	1896.12	105.0	0.00	97.3	0.00	0.0	8504.01	321.0
14:10:00	1896.99	104.5	0.00	97.0	0.00	0.0	8505.09	321.0
14:15:00	1897.75	104.3	0.00	96.3	0.00	0.0	8506.08	321.0
14:20:00	1898.51	103.8	0.00	95.6	0.00	0.0	8507.11	321.0
14:25:00	1899.53	103.7	0.00	94.9	0.00	0.0	8508.26	321.0
14:30:00	1900.50	103.5	0.00	92.6	0.00	0.0	8509.38	321.0
14:35:00	1901.44	102.2	0.00	90.4	0.00	0.0	8510.57	321.0
14:40:00	1902.10	101.7	0.00	88.9	0.00	0.0	8511.25	321.0
14:45:00	1902.75	101.7	0.00	87.9	0.00	0.0	8511.99	321.0
14:50:00	1903.41	100.8	0.00	87.4	0.00	0.0	8512.86	321.0
14:55:00	1904.21	100.0	0.00	87.1	0.00	0.0	8513.74	321.0
15:00:00	1904.99	99.7	0.00	86.9	0.00	0.0	8514.70	321.0
15:05:00	1905.69	99.0	0.00	86.6	0.00	0.0	8515.64	321.0
15:10:00	1906.52	98.2	0.00	86.2	0.00	0.0	8516.67	321.0
15:15:00	1907.24	97.8	0.00	86.0	0.00	0.0	8517.62	321.0
15:20:00	1907.94	97.2	0.00	85.9	0.00	0.0	8518.55	321.0
15:25:00	1908.70	96.9	0.00	85.7	0.00	0.0	8519.50	321.0
15:30:00	1909.37	96.5	0.00	85.5	0.00	0.0	8520.47	321.0
15:35:00	1910.27	96.1	0.00	85.1	0.00	0.0	8521.61	321.0
15:40:00	1910.75	95.3	0.00	84.9	0.00	0.0	8522.24	321.0
15:45:00	1911.21	95.3	0.00	84.7	0.00	0.0	8522.90	321.0
15:50:00	1911.75	95.0	0.00	84.5	0.00	0.0	8523.61	321.0
15:55:00	1912.29	94.4	0.00	84.1	0.00	0.0	8524.44	321.0
16:00:00	1912.91	94.1	0.00	83.6	0.00	0.0	8525.34	321.0

Started Out

Date 06/10/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.	HP QUARTZ PRES psia	TEMP DegF
16:05:00	1913.55	93.8	0.00	82.8	0.00	0.0	8526.23	321.0
16:10:00	1914.19	93.1	0.00	82.0	0.00	0.0	8527.11	321.0
16:15:00	1914.87	93.0	0.00	81.7	0.00	0.0	8527.97	321.0
16:20:00	1915.56	92.5	0.00	81.2	0.00	0.0	8528.86	321.0
16:25:00	1916.24	92.4	0.00	80.8	0.00	0.0	8529.77	321.0
16:30:00	1916.88	91.7	0.00	80.4	0.00	0.0	8530.66	321.0
16:35:00	1917.55	91.6	0.00	80.0	0.00	0.0	8531.50	321.0
16:40:00	1918.19	91.6	0.00	79.7	0.00	0.0	8532.30	321.0
16:45:00	1918.79	90.9	0.00	79.4	0.00	0.0	8533.20	321.0
16:50:00	1919.65	90.9	0.00	79.4	0.00	0.0	8534.20	321.0
16:55:00	1920.11	90.5	0.00	79.3	0.00	0.0	8534.85	321.0
17:00:00	1920.53	90.3	0.00	79.3	0.00	0.0	8535.49	321.0
17:05:00	1920.98	89.8	0.00	79.2	0.00	0.0	8536.19	321.0
17:10:00	1921.57	90.2	0.00	79.0	0.00	0.0	8536.98	321.0
17:15:00	1922.06	89.7	0.00	78.9	0.00	0.0	8537.76	321.0
17:20:00	1922.74	89.7	0.00	78.8	0.00	0.0	8538.57	321.0
17:25:00	1923.38	89.9	0.00	78.8	0.00	0.0	8539.42	321.0
17:30:00	1923.83	88.9	0.00	78.5	0.00	0.0	8540.22	321.0
17:35:00	1924.40	89.1	0.00	78.3	0.00	0.0	8541.00	321.0
17:40:00	1924.90	88.4	0.00	78.2	0.00	0.0	8541.76	321.0
17:45:00	1925.55	88.3	0.00	78.0	0.00	0.0	8542.61	321.0
17:50:00	1926.27	88.3	0.00	77.7	0.00	0.0	8543.49	321.0
17:55:00	1926.75	87.7	0.00	77.4	0.00	0.0	8544.36	321.0
18:00:00	1927.54	88.2	0.00	77.3	0.00	0.0	8545.21	321.0
18:05:00	1927.85	87.9	0.00	77.0	0.00	0.0	8545.74	321.0
18:10:00	1928.18	87.4	0.00	76.8	0.00	0.0	8546.26	321.0
18:15:00	1928.60	87.6	0.00	76.7	0.00	0.0	8546.91	321.0
18:20:00	1929.11	87.3	0.00	76.5	0.00	0.0	8547.65	321.0
18:25:00	1929.63	87.1	0.00	76.2	0.00	0.0	8548.37	321.0
18:30:00	1930.15	86.9	0.00	76.1	0.00	0.0	8549.10	321.0
18:35:00	1930.66	86.6	0.00	76.1	0.00	0.0	8549.82	321.0
18:40:00	1931.19	86.4	0.00	75.9	0.00	0.0	8550.59	321.0
18:45:00	1931.71	86.5	0.00	75.9	0.00	0.0	8551.30	321.0
18:50:00	1932.24	86.3	0.00	75.8	0.00	0.0	8552.03	321.0
18:55:00	1932.78	86.4	0.00	75.8	0.00	0.0	8552.81	321.0
19:00:00	1933.34	86.1	0.00	75.8	0.00	0.0	8553.62	321.0
19:05:00	1933.86	86.3	0.00	75.7	0.00	0.0	8554.33	321.0
19:10:00	1934.39	85.7	0.00	75.8	0.00	0.0	8555.14	321.0
19:15:00	1935.07	85.9	0.00	75.7	0.00	0.0	8556.03	321.0
19:20:00	1935.59	85.8	0.00	75.7	0.00	0.0	8556.71	321.0
19:25:00	1935.91	85.9	0.00	75.7	0.00	0.0	8557.28	321.0
19:30:00	1936.23	85.8	0.00	75.6	0.00	0.0	8557.83	321.0
19:35:00	1936.65	85.8	0.00	75.6	0.00	0.0	8558.43	321.0
19:40:00	1937.13	85.9	0.00	75.6	0.00	0.0	8559.14	321.0
19:45:00	1937.52	85.3	0.00	75.5	0.00	0.0	8559.85	321.0
19:50:00	1938.07	85.4	0.00	75.5	0.00	0.0	8560.52	321.0
19:55:00	1938.51	85.3	0.00	75.4	0.00	0.0	8561.17	321.0
20:00:00	1938.99	85.1	0.00	75.4	0.00	0.0	8561.89	321.0
20:05:00	1939.42	85.6	0.00	75.3	0.00	0.0	8562.35	321.0
20:10:00	1939.97	85.4	0.00	75.3	0.00	0.0	8563.08	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/10/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
20:15:00	1940.51	85.3	0.00	75.2	0.00	0.0	8563.79	321.0
20:20:00	1940.83	85.1	0.00	75.2	0.00	0.0	8564.44	321.0
20:25:00	1941.40	85.5	0.00	75.2	0.00	0.0	8565.09	321.0
20:30:00	1941.84	85.1	0.00	75.1	0.00	0.0	8565.86	321.0
20:35:00	1942.31	85.0	0.00	75.0	0.00	0.0	8566.54	321.0
20:40:00	1942.56	85.1	0.00	75.0	0.00	0.0	8567.01	321.0
20:45:00	1942.92	84.7	0.00	74.9	0.00	0.0	8567.64	321.0
20:50:00	1943.50	85.1	0.00	74.9	0.00	0.0	8568.32	321.0
20:55:00	1943.95	84.8	0.00	74.8	0.00	0.0	8569.02	321.0
21:00:00	1944.36	84.7	0.00	74.7	0.00	0.0	8569.66	321.0
21:05:00	1944.82	84.3	0.00	74.7	0.00	0.0	8570.35	321.0
21:10:00	1945.32	84.7	0.00	74.7	0.00	0.0	8570.96	321.0
21:15:00	1945.72	84.4	0.00	74.6	0.00	0.0	8571.61	321.0
21:20:00	1946.18	84.3	0.00	74.6	0.00	0.0	8572.24	321.0
21:25:00	1946.65	84.2	0.00	74.5	0.00	0.0	8572.87	321.0
21:30:00	1947.03	83.8	0.00	74.5	0.00	0.0	8573.54	321.0
21:35:00	1947.53	84.0	0.00	74.5	0.00	0.0	8574.26	321.0
21:40:00	1948.01	84.2	0.00	74.4	0.00	0.0	8574.81	321.0
21:45:00	1948.53	83.9	0.00	74.4	0.00	0.0	8575.66	321.0
21:50:00	1949.16	84.0	0.00	74.4	0.00	0.0	8576.41	321.0
21:55:00	1949.57	84.3	0.00	74.4	0.00	0.0	8576.95	321.0
22:00:00	1949.79	84.0	0.00	74.3	0.00	0.0	8577.40	321.0
22:05:00	1950.29	83.8	0.00	74.3	0.00	0.0	8578.06	321.0
22:10:00	1950.71	83.9	0.00	74.2	0.00	0.0	8578.63	321.0
22:15:00	1951.03	84.0	0.00	74.2	0.00	0.0	8579.14	321.0
22:20:00	1951.39	83.8	0.00	74.2	0.00	0.0	8579.74	321.0
22:25:00	1951.81	83.8	0.00	74.1	0.00	0.0	8580.33	321.0
22:30:00	1952.20	83.7	0.00	74.0	0.00	0.0	8580.92	321.0
22:35:00	1952.53	83.5	0.00	74.0	0.00	0.0	8581.45	321.0
22:40:00	1953.09	83.8	0.00	73.9	0.00	0.0	8582.12	321.0
22:45:00	1953.58	83.6	0.00	73.8	0.00	0.0	8582.79	321.0
22:50:00	1954.10	83.6	0.00	73.8	0.00	0.0	8583.54	321.0
22:55:00	1954.45	83.5	0.00	73.8	0.00	0.0	8583.98	321.0
23:00:00	1954.93	83.3	0.00	73.7	0.00	0.0	8584.64	321.0
23:05:00	1955.29	83.6	0.00	73.7	0.00	0.0	8585.14	321.0
23:10:00	1955.62	83.4	0.00	73.7	0.00	0.0	8585.73	321.0
23:15:00	1956.08	83.2	0.00	73.7	0.00	0.0	8586.36	321.0
23:20:00	1956.41	83.3	0.00	73.7	0.00	0.0	8586.91	321.0
23:25:00	1956.83	83.3	0.00	73.6	0.00	0.0	8587.52	321.0
23:30:00	1957.18	83.0	0.00	73.6	0.00	0.0	8588.05	321.0
23:35:00	1957.64	83.3	0.00	73.5	0.00	0.0	8587.20	321.0
23:40:00	1958.03	83.1	0.00	73.5	0.00	0.0	8589.18	321.0
23:45:00	1958.45	83.1	0.00	73.4	0.00	0.0	8589.76	321.0
23:50:00	1958.81	82.9	0.00	73.4	0.00	0.0	8590.30	321.0
23:55:00	1959.18	82.8	0.00	73.4	0.00	0.0	8590.90	321.0
00:00:00	1959.54	82.6	0.00	73.3	0.00	0.0	8591.45	321.0
00:05:00	1960.03	83.0	0.00	73.3	0.00	0.0	8592.10	321.0
00:10:00	1960.47	82.6	0.00	73.3	0.00	0.0	8592.69	321.0
00:15:00	1960.98	82.8	0.00	73.2	0.00	0.0	8593.34	321.0
00:20:00	1961.43	82.8	0.00	73.1	0.00	0.0	8593.92	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/11/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
00:25:00	1961.81	82.6	0.00	73.1	0.00	0.0	8594.53	321.0
00:30:00	1962.09	82.4	0.00	73.0	0.00	0.0	8594.98	321.0
00:35:00	1962.62	82.3	0.00	73.0	0.00	0.0	8595.66	321.0
00:40:00	1963.11	82.4	0.00	72.9	0.00	0.0	8596.31	321.0
00:45:00	1962.87	82.4	0.00	72.9	0.00	0.0	8596.08	321.0
00:50:00	1963.31	82.3	0.00	72.9	0.00	0.0	8596.75	321.0
00:55:00	1963.56	82.4	0.00	72.9	0.00	0.0	8597.17	321.0
01:00:00	1963.72	82.3	0.00	72.8	0.00	0.0	8597.57	321.0
01:05:00	1964.05	82.0	0.00	72.8	0.00	0.0	8598.03	321.0
01:10:00	1964.41	82.0	0.00	72.8	0.00	0.0	8598.53	321.0
01:15:00	1964.78	81.9	0.00	72.8	0.00	0.0	8599.11	321.0
01:20:00	1965.24	82.0	0.00	72.8	0.00	0.0	8599.67	321.0
01:25:00	1965.64	81.8	0.00	72.7	0.00	0.0	8600.26	321.0
01:30:00	1966.01	81.9	0.00	72.7	0.00	0.0	8600.90	321.0
01:35:00	1966.40	81.8	0.00	72.7	0.00	0.0	8601.39	321.0
01:40:00	1966.74	82.0	0.00	72.6	0.00	0.0	8601.75	321.0
01:45:00	1967.16	81.9	0.00	72.6	0.00	0.0	8602.19	321.0
01:50:00	1967.58	81.8	0.00	72.6	0.00	0.0	8602.85	321.0
01:55:00	1968.01	81.7	0.00	72.5	0.00	0.0	8603.54	321.0
02:00:00	1968.44	81.8	0.00	72.5	0.00	0.0	8604.06	321.0
02:05:00	1968.79	81.7	0.00	72.4	0.00	0.0	8604.53	321.0
02:10:00	1969.12	81.6	0.00	72.3	0.00	0.0	8604.99	321.0
02:15:00	1969.50	81.6	0.00	72.3	0.00	0.0	8605.54	321.0
02:20:00	1969.94	81.8	0.00	72.3	0.00	0.0	8606.11	321.0
02:25:00	1970.41	81.9	0.00	72.3	0.00	0.0	8606.76	321.0
02:30:00	1971.15	81.7	0.00	72.3	0.00	0.0	8607.61	321.0
02:35:00	1971.56	81.4	0.00	72.2	0.00	0.0	8608.15	321.0
02:40:00	1971.98	81.6	0.00	72.2	0.00	0.0	8608.64	321.0
02:45:00	1972.12	81.4	0.00	72.2	0.00	0.0	8608.97	321.0
02:50:00	1972.36	81.5	0.00	72.2	0.00	0.0	8609.38	321.0
02:55:00	1972.62	81.6	0.00	72.2	0.00	0.0	8608.32	321.0
03:00:00	1972.92	81.3	0.00	72.1	0.00	0.0	8610.23	321.0
03:05:00	1973.29	81.4	0.00	72.2	0.00	0.0	8610.70	321.0
03:10:00	1973.67	81.3	0.00	72.2	0.00	0.0	8611.26	321.0
03:15:00	1974.08	81.5	0.00	72.2	0.00	0.0	8611.79	321.0
03:20:00	1974.43	81.2	0.00	72.1	0.00	0.0	8612.29	321.0
03:25:00	1974.76	81.2	0.00	72.0	0.00	0.0	8612.76	321.0
03:30:00	1975.12	81.2	0.00	72.0	0.00	0.0	8613.31	321.0
03:35:00	1975.47	81.2	0.00	72.0	0.00	0.0	8613.78	321.0
03:40:00	1975.83	81.3	0.00	72.0	0.00	0.0	8611.40	321.0
03:45:00	1976.24	81.1	0.00	71.9	0.00	0.0	8614.90	321.0
03:50:00	1976.65	81.2	0.00	71.8	0.00	0.0	8615.41	321.0
03:55:00	1977.16	81.2	0.00	71.8	0.00	0.0	8616.10	321.0
04:00:00	1977.61	81.3	0.00	71.8	0.00	0.0	8616.66	321.0
04:05:00	1977.92	81.2	0.00	71.7	0.00	0.0	8615.64	321.0
04:10:00	1978.32	81.2	0.00	71.6	0.00	0.0	8617.62	321.0
04:15:00	1978.69	81.2	0.00	71.6	0.00	0.0	8618.12	321.0
04:20:00	1979.00	81.1	0.00	71.6	0.00	0.0	8618.62	321.0
04:25:00	1979.31	81.0	0.00	71.6	0.00	0.0	8619.06	321.0
04:30:00	1979.56	80.9	0.00	71.5	0.00	0.0	8619.43	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/11/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
04:35:00	1979.87	81.1	0.00	71.5	0.00	0.0	8619.82	321.0
04:40:00	1980.18	80.9	0.00	71.5	0.00	0.0	8620.26	321.0
04:45:00	1980.51	81.0	0.00	71.4	0.00	0.0	8620.74	321.0
04:50:00	1980.92	81.0	0.00	71.4	0.00	0.0	8621.29	321.0
04:55:00	1981.25	81.2	0.00	71.4	0.00	0.0	8621.80	321.0
05:00:00	1981.59	80.9	0.00	71.3	0.00	0.0	8622.23	321.0
05:05:00	1981.94	80.9	0.00	71.3	0.00	0.0	8622.77	321.0
05:10:00	1982.31	80.9	0.00	71.3	0.00	0.0	8623.25	321.0
05:15:00	1982.71	80.8	0.00	71.2	0.00	0.0	8623.74	321.0
05:20:00	1983.05	80.9	0.00	71.2	0.00	0.0	8624.19	321.0
05:25:00	1983.34	80.6	0.00	71.2	0.00	0.0	8624.64	321.0
05:30:00	1983.70	80.9	0.00	71.2	0.00	0.0	8625.09	321.0
05:35:00	1984.00	80.7	0.00	71.2	0.00	0.0	8625.51	321.0
05:40:00	1984.35	80.7	0.00	71.2	0.00	0.0	8626.03	321.0
05:45:00	1984.68	80.7	0.00	71.2	0.00	0.0	8626.54	321.0
05:50:00	1985.16	80.6	0.00	71.2	0.00	0.0	8627.23	321.0
05:55:00	1985.61	80.7	0.00	71.2	0.00	0.0	8627.78	321.0
06:00:00	1985.94	80.7	0.00	71.3	0.00	0.0	8628.26	321.0
06:05:00	1986.38	80.8	0.00	71.3	0.00	0.0	8628.74	321.0
06:10:00	1986.77	80.8	0.00	71.3	0.00	0.0	8629.19	321.0
06:15:00	1986.94	80.8	0.00	71.3	0.00	0.0	8629.50	321.0
06:20:00	1987.14	80.5	0.00	71.4	0.00	0.0	8629.87	321.0
06:25:00	1987.37	80.7	0.00	71.5	0.00	0.0	8630.31	321.0
06:30:00	1987.73	80.6	0.00	71.6	0.00	0.0	8630.85	321.0
06:35:00	1988.04	80.7	0.00	71.7	0.00	0.0	8631.22	321.0
06:40:00	1988.35	80.6	0.00	71.9	0.00	0.0	8631.65	321.0
06:45:00	1988.69	80.7	0.00	72.1	0.00	0.0	8632.11	321.0
06:50:00	1988.99	80.9	0.00	72.4	0.00	0.0	8632.64	321.0
06:55:00	1989.27	80.8	0.00	72.6	0.00	0.0	8633.05	321.0
07:00:00	1989.57	80.7	0.00	72.7	0.00	0.0	8633.54	321.0
07:05:00	1989.97	81.1	0.00	72.8	0.00	0.0	8631.09	321.0
07:10:00	1990.27	80.9	0.00	72.9	0.00	0.0	8634.43	321.0
07:15:00	1990.57	81.2	0.00	73.0	0.00	0.0	8634.85	321.0
07:20:00	1990.91	81.3	0.00	73.2	0.00	0.0	8635.33	321.0
07:25:00	1991.17	81.1	0.00	73.4	0.00	0.0	8635.76	321.0
07:30:00	1991.59	81.3	0.00	74.2	0.00	0.0	8636.31	321.0
07:35:00	1991.82	81.5	0.00	75.2	0.00	0.0	8636.68	321.0
07:40:00	1992.03	81.2	0.00	76.1	0.00	0.0	8637.07	321.0
07:45:00	1992.40	81.6	0.00	77.1	0.00	0.0	8637.58	321.0
07:50:00	1992.67	81.7	0.00	77.8	0.00	0.0	8637.31	321.0
07:55:00	1992.91	82.1	0.00	78.5	0.00	0.0	8638.48	321.0
08:00:00	1993.15	82.0	0.00	79.3	0.00	0.0	8638.83	321.0
08:05:00	1993.46	82.4	0.00	80.3	0.00	0.0	8639.37	321.0
08:10:00	1993.69	82.6	0.00	81.0	0.00	0.0	8639.77	321.0
08:15:00	1994.04	82.7	0.00	81.6	0.00	0.0	8640.39	321.0
08:20:00	1994.27	83.1	0.00	82.2	0.00	0.0	8640.82	321.0
08:25:00	1994.55	83.6	0.00	82.5	0.00	0.0	8641.29	321.0
08:30:00	1994.86	83.9	0.00	83.1	0.00	0.0	8641.86	321.0
08:35:00	1995.09	84.5	0.00	83.6	0.00	0.0	8642.26	321.0
08:40:00	1995.21	84.8	0.00	84.2	0.00	0.0	8642.62	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/11/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
08:45:00	1995.36	84.9	0.00	84.7	0.00	0.0	8643.02	321.0
08:50:00	1995.54	85.9	0.00	85.1	0.00	0.0	8643.36	321.0
08:55:00	1995.61	85.6	0.00	85.2	0.00	0.0	8643.75	321.0
09:00:00	1995.92	86.1	0.00	85.7	0.00	0.0	8644.16	321.0
09:05:00	1996.26	86.8	0.00	86.8	0.00	0.0	8644.59	321.0
09:10:00	1996.47	87.7	0.00	87.3	0.00	0.0	8645.05	321.0
09:15:00	1996.74	88.0	0.00	87.9	0.00	0.0	8645.57	321.0
09:20:00	1996.88	88.5	0.00	88.5	0.00	0.0	8645.98	321.0
09:25:00	1997.26	89.6	0.00	88.7	0.00	0.0	8646.39	321.0
09:30:00	1997.35	89.1	0.00	88.8	0.00	0.0	8646.83	321.0
09:35:00	1997.65	90.0	0.00	89.4	0.00	0.0	8647.30	321.0
09:40:00	1997.90	90.4	0.00	90.6	0.00	0.0	8647.71	321.0
09:45:00	1997.97	90.5	0.00	91.5	0.00	0.0	8647.76	321.0
09:50:00	1998.23	91.4	0.00	91.8	0.00	0.0	8648.24	321.0
09:55:00	1998.40	91.7	0.00	92.1	0.00	0.0	8648.76	321.0
10:00:00	1998.95	92.7	0.00	92.5	0.00	0.0	8649.46	321.0
10:05:00	1999.13	92.5	0.00	92.1	0.00	0.0	8649.84	321.0
10:10:00	1999.52	93.0	0.00	92.4	0.00	0.0	8650.26	321.0
10:15:00	1999.75	93.3	0.00	92.8	0.00	0.0	8650.64	321.0
10:20:00	2000.04	94.0	0.00	93.3	0.00	0.0	8651.00	321.0
10:25:00	2000.25	93.9	0.00	94.0	0.00	0.0	8651.40	321.0
10:30:00	2000.49	94.9	0.00	95.1	0.00	0.0	8651.84	321.0
10:35:00	2000.71	95.4	0.00	96.4	0.00	0.0	8652.27	321.0
10:50:00	2001.11	97.3	0.00	98.6	0.00	0.0	8653.57	321.0
10:55:00	2001.32	97.7	0.00	99.4	0.00	0.0	8654.03	321.0
11:00:00	2001.67	98.7	0.00	99.7	0.00	0.0	8654.68	321.0
11:05:00	2001.86	99.6	0.00	100.0	0.00	0.0	8655.02	321.0
11:10:00	2002.13	100.0	0.00	100.4	0.00	0.0	8655.50	321.0
11:15:00	2002.46	100.9	0.00	100.8	0.00	0.0	8655.92	321.0
11:20:00	2002.54	101.0	0.00	101.4	0.00	0.0	8656.24	321.0
11:25:00	2002.69	102.2	0.00	101.6	0.00	0.0	8656.53	321.0
11:30:00	2002.93	102.6	0.00	101.9	0.00	0.0	8656.82	321.0
11:35:00	2003.10	102.7	0.00	102.3	0.00	0.0	8657.22	321.0
11:40:00	2003.37	103.2	0.00	102.8	0.00	0.0	8657.60	321.0
11:45:00	2003.67	103.7	0.00	102.2	0.00	0.0	8657.94	321.0
11:50:00	2004.11	104.4	0.00	101.6	0.00	0.0	8658.34	321.0
11:55:00	2004.61	103.9	0.00	101.0	0.00	0.0	8658.69	321.0
12:00:00	2005.20	104.1	0.00	100.4	0.00	0.0	8659.16	321.0
12:05:00	2005.53	103.4	0.00	100.0	0.00	0.0	8659.62	321.0
12:10:00	2006.10	103.7	0.00	99.6	0.00	0.0	8659.94	321.0
12:15:00	2006.58	103.7	0.00	99.4	0.00	0.0	8660.35	321.0
12:20:00	2006.89	102.8	0.00	99.2	0.00	0.0	8660.72	321.0
12:25:00	2007.17	102.3	0.00	99.1	0.00	0.0	8661.13	321.0
12:30:00	2007.57	102.4	0.00	99.2	0.00	0.0	8661.49	321.0
12:35:00	2007.85	102.2	0.00	99.2	0.00	0.0	8661.95	321.0
12:40:00	2008.05	101.8	0.00	99.2	0.00	0.0	8662.36	321.0
12:45:00	2008.39	101.8	0.00	99.1	0.00	0.0	8662.73	321.0
12:50:00	2008.73	102.2	0.00	99.1	0.00	0.0	8663.06	321.0
12:55:00	2008.99	101.7	0.00	98.7	0.00	0.0	8663.43	321.0
13:00:00	2009.46	102.2	0.00	97.9	0.00	0.0	8663.83	321.0

Date	PANEX		PANEX				HP QUARTZ	
06/11/81	PRES	TEMP	PRES	FLOW	.	.	PRES	TEMP
Time	psia	DegF	psia	DegF	.	.	psia	DegF
13:05:00	2009.88	101.7	0.00	97.6	0.00	0.0	8664.34	321.0
13:10:00	2010.14	101.0	0.00	96.8	0.00	0.0	8664.74	321.0
13:10:20	2010.22	101.2	0.00	96.6	0.00	0.0	8664.76	321.0
13:10:25	2010.23	101.4	0.00	96.6	0.00	0.0	8664.77	321.0
13:10:35	2010.27	101.3	0.00	96.5	0.00	0.0	8664.77	321.0
13:10:40	2010.28	101.6	0.00	96.5	0.00	0.0	8664.78	321.0
13:10:45	2010.27	101.3	0.00	96.4	0.00	0.0	8664.79	321.0
13:11:00	2010.27	101.2	0.00	96.2	0.00	0.0	8664.80	321.0
13:15:00	2010.53	101.5	0.00	94.3	0.00	0.0	8665.06	321.0
13:20:00	2010.89	100.7	0.00	93.3	0.00	0.0	8665.32	321.0
13:25:00	2011.34	100.4	0.00	93.4	0.00	0.0	8665.73	321.0
13:30:00	2011.74	100.5	0.00	93.6	0.00	0.0	8666.11	321.0
13:35:00	2012.11	100.6	0.00	98.6	0.00	0.0	8666.24	321.0
13:40:00	2012.69	100.7	0.00	98.5	0.00	0.0	8666.63	321.0
13:45:00	2012.98	100.6	0.00	98.6	0.00	0.0	8667.45	321.0
13:50:00	2013.14	100.7	0.00	98.5	0.00	0.0	8667.98	321.0
13:55:00	2013.57	100.9	0.00	98.8	0.00	0.0	8668.06	321.0
14:00:00	2013.98	100.7	0.00	98.6	0.00	0.0	8668.42	321.0

SeaDataII - DATA TAPE HEADER SUMMARY REPORT

START TIME IS: 06/23/81 01:08:10

STOP TIME IS: 06/23/81 02:04:20

CLIENT NAME IS: EATON OPER. CO.

CLIENT LOCATION IS: LIVINGSTON LA.

WELL IDENTIFICATION IS: CROWN Z. #2

SERVICE COMPANY IS: ENERGY RES MEAS

THERE ARE 3 ACTIVE CHANNELS FOR THIS JOB.

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF		
01:08:10	2371.00	80.7	0.00	81.9	0.00	321.0
01:08:20	2376.21	80.7	0.00	81.9	0.00	321.0
01:08:30	2389.49	80.7	0.00	81.9	0.00	321.0
01:08:35	2385.37	80.7	0.00	81.9	0.00	321.0
01:08:45	2381.61	80.7	0.00	81.9	0.00	321.0
01:08:55	2380.48	80.7	0.00	81.9	0.00	321.0
01:09:05	2383.61	80.7	0.00	81.9	0.00	321.0
01:09:15	2377.81	80.7	0.00	81.8	0.00	321.0
01:09:25	2371.30	80.7	0.00	81.8	0.00	321.0
01:09:35	2368.94	80.7	0.00	81.8	0.00	321.0
01:09:45	2370.97	80.7	0.00	81.8	0.00	321.0
01:09:55	2374.51	80.7	0.00	81.8	0.00	321.0
01:10:05	2373.63	80.7	0.00	81.8	0.00	321.0
01:10:15	2369.73	80.7	0.00	81.8	0.00	321.0
01:10:25	2365.53	80.6	0.00	81.8	0.00	321.0
01:10:35	2369.75	80.6	0.00	81.8	0.00	321.0
01:10:45	2373.47	80.6	0.00	81.7	0.00	321.0
01:10:55	2368.01	80.6	0.00	81.7	0.00	321.0
01:11:05	2366.50	80.6	0.00	81.7	0.00	321.0
01:11:15	2367.04	80.6	0.00	81.7	0.00	321.0
01:11:25	2374.50	80.6	0.00	81.7	0.00	321.0
01:11:35	2369.77	80.6	0.00	81.7	0.00	321.0
01:11:45	2365.51	80.6	0.00	81.7	0.00	321.0
01:11:55	2365.38	80.6	0.00	81.7	0.00	321.0
01:12:05	2365.68	80.6	0.00	81.7	0.00	321.0
01:12:15	2372.47	80.6	0.00	81.6	0.00	321.0
01:12:25	2364.02	80.6	0.00	81.7	0.00	321.0
01:12:35	2368.06	80.6	0.00	81.6	0.00	321.0
01:12:45	2363.28	80.6	0.00	81.6	0.00	321.0
01:12:55	2363.28	80.6	0.00	81.7	0.00	321.0
01:13:00	2357.57	80.6	0.00	81.8	0.00	321.0
01:13:10	2336.08	80.6	0.00	82.1	0.00	321.0
01:13:20	2273.90	80.6	0.00	82.6	0.00	321.0
01:13:30	2143.49	80.6	0.00	83.1	0.00	321.0
01:13:40	1993.73	80.6	0.00	83.5	0.00	321.0
01:13:50	1836.10	80.6	0.00	83.7	0.00	321.0
01:14:00	1699.66	80.6	0.00	84.0	0.00	321.0
01:14:10	1610.31	80.6	0.00	84.3	0.00	321.0
01:14:20	1545.28	80.6	0.00	84.6	0.00	321.0
01:14:30	1502.43	80.6	0.00	84.9	0.00	321.0
01:14:40	1483.51	80.6	0.00	85.0	0.00	321.0
01:14:50	1477.97	80.6	0.00	85.2	0.00	321.0
01:15:00	1480.22	80.6	0.00	85.3	0.00	321.0
01:15:10	1486.80	80.6	0.00	85.3	0.00	321.0
01:15:20	1495.71	80.6	0.00	85.4	0.00	321.0
01:15:30	1504.98	80.6	0.00	85.4	0.00	321.0
01:15:40	1512.27	80.6	0.00	85.5	0.00	321.0
01:15:50	1516.50	80.6	0.00	85.4	0.00	321.0
01:16:00	1518.35	80.6	0.00	85.4	0.00	321.0
01:16:10	1520.70	80.5	0.00	85.3	0.00	321.0

Date 06/23/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.
01:16:20	1523.59	80.5	0.00	85.3	0.00	321.0
01:16:30	1525.67	80.5	0.00	85.3	0.00	321.0
01:16:40	1524.82	80.5	0.00	85.3	0.00	321.0
01:16:50	1522.45	80.5	0.00	85.3	0.00	321.0
01:17:00	1520.54	80.5	0.00	85.2	0.00	321.0
01:17:10	1518.95	80.5	0.00	85.2	0.00	321.0
01:17:20	1517.70	80.5	0.00	85.2	0.00	321.0
01:17:30	1516.34	80.5	0.00	85.2	0.00	321.0
01:17:40	1513.38	80.5	0.00	85.2	0.00	321.0
01:17:50	1508.43	80.5	0.00	85.2	0.00	321.0
01:18:00	1501.93	80.5	0.00	85.1	0.00	321.0
01:18:10	1494.77	80.5	0.00	85.1	0.00	321.0
01:18:20	1487.99	80.5	0.00	85.1	0.00	321.0
01:18:30	1481.04	80.5	0.00	85.0	0.00	321.0
01:18:40	1474.03	80.5	0.00	85.0	0.00	321.0
01:18:50	1468.75	80.5	0.00	85.0	0.00	321.0
01:19:15	1467.50	80.5	0.00	85.0	0.00	321.0
01:19:25	1468.47	80.5	0.00	85.0	0.00	321.0
01:19:35	1470.08	80.5	0.00	85.0	0.00	321.0
01:19:45	1470.84	80.5	0.00	85.0	0.00	321.0
01:19:55	1469.97	80.5	0.00	85.0	0.00	321.0
01:20:05	1468.42	80.5	0.00	85.1	0.00	321.0
01:20:15	1464.80	80.5	0.00	85.1	0.00	321.0
01:20:25	1458.59	80.5	0.00	85.1	0.00	321.0
01:20:35	1455.18	80.5	0.00	85.2	0.00	321.0
01:20:45	1452.37	80.5	0.00	85.2	0.00	321.0
01:20:55	1450.35	80.5	0.00	85.3	0.00	321.0
01:21:05	1448.16	80.5	0.00	85.3	0.00	321.0
01:21:15	1446.74	80.5	0.00	85.4	0.00	321.0
01:21:25	1443.53	80.5	0.00	85.5	0.00	321.0
01:21:35	1437.96	80.5	0.00	85.6	0.00	321.0
01:21:45	1434.21	80.5	0.00	85.7	0.00	321.0
01:21:55	1432.53	80.4	0.00	85.7	0.00	321.0
01:22:05	1428.50	80.4	0.00	85.8	0.00	321.0
01:22:15	1423.74	80.5	0.00	85.9	0.00	321.0
01:22:25	1420.60	80.5	0.00	86.0	0.00	321.0
01:22:35	1419.07	80.4	0.00	86.1	0.00	321.0
01:22:45	1417.77	80.4	0.00	86.2	0.00	321.0
01:22:55	1414.59	80.4	0.00	86.3	0.00	321.0
01:23:05	1409.56	80.4	0.00	86.3	0.00	321.0
01:23:15	1403.62	80.4	0.00	86.4	0.00	321.0
01:23:25	1401.36	80.4	0.00	86.5	0.00	321.0
01:23:35	1401.22	80.4	0.00	86.5	0.00	321.0
01:23:45	1400.72	80.4	0.00	86.7	0.00	321.0
01:23:55	1397.41	80.4	0.00	86.8	0.00	321.0
01:24:05	1392.67	80.4	0.00	86.8	0.00	321.0
01:24:15	1387.96	80.4	0.00	86.9	0.00	321.0
01:24:25	1382.67	80.4	0.00	87.0	0.00	321.0
01:24:35	1377.91	80.4	0.00	87.1	0.00	321.0
01:24:45	1373.67	80.4	0.00	87.1	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
01:24:55	1368.50	80.4	0.00	87.3	0.00	321.0
01:25:05	1364.08	80.4	0.00	87.4	0.00	321.0
01:25:15	1359.93	80.4	0.00	87.4	0.00	321.0
01:25:25	1356.37	80.4	0.00	87.5	0.00	321.0
01:25:35	1356.35	80.4	0.00	87.5	0.00	321.0
01:25:45	1356.57	80.4	0.00	87.7	0.00	321.0
01:25:55	1355.10	80.4	0.00	87.8	0.00	321.0
01:26:05	1352.36	80.4	0.00	87.9	0.00	321.0
01:26:15	1349.25	80.4	0.00	87.9	0.00	321.0
01:26:25	1346.12	80.4	0.00	88.0	0.00	321.0
01:26:35	1346.26	80.4	0.00	88.1	0.00	321.0
01:26:45	1348.39	80.4	0.00	88.2	0.00	321.0
01:26:55	1350.71	80.4	0.00	88.3	0.00	321.0
01:27:05	1350.45	80.3	0.00	88.4	0.00	321.0
01:27:15	1347.08	80.4	0.00	88.4	0.00	321.0
01:27:25	1343.05	80.4	0.00	88.6	0.00	321.0
01:27:35	1338.98	80.4	0.00	88.6	0.00	321.0
01:27:45	1335.13	80.4	0.00	88.7	0.00	321.0
01:27:55	1333.42	80.4	0.00	88.8	0.00	321.0
01:28:05	1332.63	80.3	0.00	88.9	0.00	321.0
01:28:15	1330.82	80.4	0.00	89.0	0.00	321.0
01:28:25	1331.02	80.4	0.00	89.0	0.00	321.0
01:28:35	1331.74	80.3	0.00	89.1	0.00	321.0
01:28:45	1333.11	80.4	0.00	89.2	0.00	321.0
01:28:55	1333.16	80.4	0.00	89.2	0.00	321.0
01:29:05	1329.73	80.4	0.00	89.3	0.00	321.0
01:29:30	1320.13	80.3	0.00	89.6	0.00	321.0
01:29:40	1315.48	80.4	0.00	89.7	0.00	321.0
01:29:50	1310.82	80.4	0.00	89.7	0.00	321.0
01:30:00	1306.61	80.3	0.00	89.7	0.00	321.0
01:30:10	1302.96	80.4	0.00	89.8	0.00	321.0
01:30:20	1299.39	80.3	0.00	89.9	0.00	321.0
01:30:30	1295.44	80.4	0.00	90.0	0.00	321.0
01:30:40	1292.81	80.4	0.00	90.0	0.00	321.0
01:30:50	1293.05	80.3	0.00	90.1	0.00	321.0
01:31:00	1295.46	80.3	0.00	90.2	0.00	321.0
01:31:10	1296.87	80.3	0.00	90.2	0.00	321.0
01:31:15	1297.14	80.3	0.00	90.3	0.00	321.0
01:31:25	1296.33	80.3	0.00	90.3	0.00	321.0
01:31:30	1295.00	80.3	0.00	90.3	0.00	321.0
01:31:40	1292.38	80.3	0.00	90.4	0.00	321.0
01:31:45	1290.80	80.3	0.00	90.4	0.00	321.0
01:31:55	1288.00	80.3	0.00	90.5	0.00	321.0
01:32:00	1285.98	80.3	0.00	90.6	0.00	321.0
01:32:10	1283.00	80.3	0.00	90.6	0.00	321.0
01:32:20	1279.51	80.3	0.00	90.7	0.00	321.0
01:32:30	1276.94	80.3	0.00	90.7	0.00	321.0
01:32:40	1274.37	80.3	0.00	90.7	0.00	321.0
01:32:45	1274.74	80.3	0.00	90.8	0.00	321.0
01:33:00	1277.95	80.3	0.00	90.9	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
01:33:10	1280.31	80.3	0.00	91.0	0.00	321.0
01:33:20	1282.45	80.3	0.00	91.1	0.00	321.0
01:33:40	1280.76	80.3	0.00	91.2	0.00	321.0
01:33:50	1277.67	80.3	0.00	91.2	0.00	321.0
01:34:10	1271.29	80.3	0.00	91.3	0.00	321.0
01:34:20	1268.05	80.3	0.00	91.3	0.00	321.0
01:34:40	1261.29	80.3	0.00	91.4	0.00	321.0
01:34:50	1258.66	80.3	0.00	91.4	0.00	321.0
01:35:10	1253.81	80.3	0.00	91.6	0.00	321.0
01:35:20	1254.15	80.3	0.00	91.6	0.00	321.0
01:35:30	1258.14	80.3	0.00	91.6	0.00	321.0
01:37:00	1274.80	80.2	0.00	92.3	0.00	321.0
01:39:00	1271.83	80.2	0.00	93.0	0.00	321.0
01:40:00	1265.38	80.2	0.00	93.3	0.00	321.0
01:41:00	1255.33	80.2	0.00	93.6	0.00	321.0
01:42:00	1244.79	80.2	0.00	94.0	0.00	321.0
01:43:00	1236.53	80.2	0.00	94.3	0.00	321.0
01:44:00	1189.04	80.2	0.00	94.6	0.00	321.0
01:46:00	1189.14	80.1	0.00	95.1	0.00	321.0
01:47:00	1184.17	80.1	0.00	95.3	0.00	321.0
01:48:00	1182.13	80.1	0.00	95.6	0.00	321.0
01:49:00	1182.30	80.1	0.00	95.8	0.00	321.0
01:50:00	1183.12	80.1	0.00	96.1	0.00	321.0
01:51:00	1172.36	80.1	0.00	96.4	0.00	321.0
01:52:00	1176.77	80.1	0.00	96.7	0.00	321.0
01:53:00	1178.82	80.1	0.00	97.0	0.00	321.0
01:56:00	1148.42	80.0	0.00	97.8	0.00	321.0
01:57:00	1142.94	80.0	0.00	98.0	0.00	321.0
01:58:00	1147.71	80.0	0.00	98.3	0.00	321.0
01:59:00	1172.11	80.0	0.00	98.7	0.00	321.0
02:00:00	1177.27	80.0	0.00	99.0	0.00	321.0
02:01:00	1167.84	80.0	0.00	99.2	0.00	321.0
02:02:00	1164.90	79.9	0.00	99.5	0.00	321.0
02:03:00	1157.85	79.9	0.00	99.7	0.00	321.0
02:16:30	1107.01	79.8	0.00	102.2	0.00	321.0
02:17:00	1110.15	79.8	0.00	102.4	0.00	321.0
02:19:00	1105.59	79.8	0.00	102.8	0.00	321.0
02:20:00	1112.76	79.8	0.00	103.1	0.00	321.0
02:21:00	1111.80	79.8	0.00	103.3	0.00	321.0
02:22:00	1095.00	79.8	0.00	103.6	0.00	321.0
02:23:00	1091.07	79.8	0.00	103.8	0.00	321.0
02:25:00	1073.06	79.7	0.00	104.3	0.00	321.0
02:26:00	1059.90	79.7	0.00	104.5	0.00	321.0
02:27:00	1079.85	79.7	0.00	104.8	0.00	321.0
02:28:00	1091.73	79.7	0.00	105.0	0.00	321.0
02:29:00	1092.00	79.7	0.00	105.2	0.00	321.0
02:30:00	1092.95	79.7	0.00	105.4	0.00	321.0
02:31:00	1093.48	79.7	0.00	105.7	0.00	321.0
02:32:00	1089.87	79.7	0.00	105.9	0.00	321.0
02:33:00	1093.19	79.7	0.00	106.2	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
02:34:00	1072.19	79.7	0.00	106.3	0.00	321.0
02:35:00	1044.95	79.7	0.00	106.5	0.00	321.0
02:36:00	1049.05	79.7	0.00	106.7	0.00	321.0
02:37:00	1045.72	79.6	0.00	106.8	0.00	321.0
02:39:00	1025.14	79.6	0.00	107.1	0.00	321.0
02:40:00	1023.53	79.6	0.00	107.3	0.00	321.0
02:41:00	1041.06	79.6	0.00	107.6	0.00	321.0
02:42:00	1035.17	79.6	0.00	107.8	0.00	321.0
02:43:00	1025.39	79.6	0.00	107.9	0.00	321.0
02:44:00	1029.32	79.6	0.00	108.1	0.00	321.0
02:45:00	1035.32	79.6	0.00	108.3	0.00	321.0
02:46:00	1024.85	79.6	0.00	108.4	0.00	321.0
02:47:00	1015.80	79.6	0.00	108.5	0.00	321.0
02:48:00	1024.25	79.6	0.00	108.7	0.00	321.0
02:50:00	1029.70	79.6	0.00	109.1	0.00	321.0
02:51:00	1029.25	79.6	0.00	109.2	0.00	321.0
02:53:00	1035.90	79.5	0.00	109.6	0.00	321.0
03:00:00	1039.11	79.5	0.00	110.7	0.00	321.0
03:15:00	1028.56	79.4	0.00	112.7	0.00	321.0
03:20:00	1019.89	79.4	0.00	113.5	0.00	321.0
03:23:00	1014.59	79.4	0.00	113.9	0.00	321.0
03:24:00	1013.72	79.4	0.00	114.0	0.00	321.0
03:25:00	1012.31	79.4	0.00	114.1	0.00	321.0
03:26:00	1008.14	79.4	0.00	114.2	0.00	321.0
03:27:00	1007.22	79.4	0.00	114.4	0.00	321.0
03:28:00	997.96	79.4	0.00	114.6	0.00	321.0
03:29:00	986.60	79.4	0.00	114.7	0.00	321.0
03:30:00	997.17	79.4	0.00	114.9	0.00	321.0
03:31:00	1002.90	79.4	0.00	115.0	0.00	321.0
03:32:00	1000.57	79.4	0.00	115.1	0.00	321.0
03:33:00	1001.67	79.4	0.00	115.3	0.00	321.0
03:34:00	999.21	79.4	0.00	115.4	0.00	321.0
03:35:00	996.44	79.4	0.00	115.6	0.00	321.0
03:36:00	985.92	79.4	0.00	115.7	0.00	321.0
03:37:00	987.32	79.4	0.00	115.8	0.00	321.0
03:38:00	988.34	79.4	0.00	116.0	0.00	321.0
03:39:00	990.55	79.4	0.00	116.1	0.00	321.0
03:40:00	989.66	79.4	0.00	116.3	0.00	321.0
03:41:00	985.11	79.4	0.00	116.5	0.00	321.0
03:42:00	978.04	79.4	0.00	116.6	0.00	321.0
03:43:00	959.63	79.4	0.00	116.7	0.00	321.0
03:44:00	953.64	79.4	0.00	116.9	0.00	321.0
03:45:00	946.32	79.4	0.00	117.1	0.00	321.0
03:46:00	948.80	79.4	0.00	117.2	0.00	321.0
03:47:00	946.56	79.4	0.00	117.4	0.00	321.0
03:48:00	945.53	79.4	0.00	117.6	0.00	321.0
03:50:00	940.84	79.4	0.00	118.0	0.00	321.0
03:51:00	937.84	79.4	0.00	118.1	0.00	321.0
03:52:00	934.48	79.3	0.00	118.3	0.00	321.0
03:53:00	932.42	79.3	0.00	118.5	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF		
03:54:00	927.88	79.3	0.00	118.6	0.00	321.0
03:55:00	917.33	79.3	0.00	118.8	0.00	321.0
03:56:00	921.39	79.3	0.00	119.0	0.00	321.0
03:57:00	924.67	79.3	0.00	119.1	0.00	321.0
03:58:00	917.77	79.3	0.00	119.3	0.00	321.0
03:59:00	918.55	79.3	0.00	119.5	0.00	321.0
04:00:00	916.48	79.3	0.00	119.6	0.00	321.0
04:01:00	918.39	79.3	0.00	119.8	0.00	321.0
04:02:00	917.34	79.3	0.00	120.0	0.00	321.0
04:03:00	915.81	79.3	0.00	120.2	0.00	321.0
04:04:00	915.12	79.3	0.00	120.4	0.00	321.0
04:05:00	915.11	79.3	0.00	120.6	0.00	321.0
04:06:00	917.31	79.3	0.00	120.7	0.00	321.0
04:07:00	917.97	79.3	0.00	120.8	0.00	321.0
04:08:00	917.78	79.3	0.00	121.0	0.00	321.0
04:09:00	916.86	79.3	0.00	121.2	0.00	321.0
04:10:00	915.23	79.3	0.00	121.3	0.00	321.0
04:11:00	913.09	79.2	0.00	121.5	0.00	321.0
04:14:00	926.51	79.2	0.00	122.0	0.00	321.0
04:15:00	925.88	79.2	0.00	122.2	0.00	321.0
04:16:00	923.53	79.2	0.00	122.3	0.00	321.0
04:17:00	925.90	79.2	0.00	122.5	0.00	321.0
04:18:00	927.75	79.2	0.00	122.4	0.00	321.0
04:19:00	939.00	79.2	0.00	121.6	0.00	321.0
04:20:00	934.15	79.2	0.00	121.6	0.00	321.0
04:21:00	925.28	79.2	0.00	121.9	0.00	321.0
04:22:00	917.99	79.2	0.00	122.1	0.00	321.0
04:23:00	915.07	79.2	0.00	122.2	0.00	321.0
04:24:00	912.21	79.2	0.00	122.4	0.00	321.0
04:25:00	909.35	79.2	0.00	122.5	0.00	321.0
04:26:00	907.94	79.2	0.00	122.7	0.00	321.0
04:27:00	905.73	79.2	0.00	122.9	0.00	321.0
04:28:00	902.45	79.2	0.00	123.0	0.00	321.0
04:29:00	899.83	79.2	0.00	123.2	0.00	321.0
04:30:00	897.51	79.1	0.00	123.4	0.00	321.0
04:32:00	893.92	79.1	0.00	123.8	0.00	321.0
04:34:00	891.14	79.1	0.00	124.0	0.00	321.0
04:35:00	890.63	79.1	0.00	124.2	0.00	321.0
04:36:00	892.30	79.1	0.00	124.2	0.00	321.0
04:37:00	895.27	79.1	0.00	124.3	0.00	321.0
04:38:00	904.90	79.1	0.00	124.4	0.00	321.0
04:39:00	901.01	79.1	0.00	124.6	0.00	321.0
04:40:00	892.54	79.1	0.00	124.8	0.00	321.0
04:41:00	886.44	79.1	0.00	125.0	0.00	321.0
04:42:00	882.17	79.1	0.00	125.2	0.00	321.0
04:43:00	878.93	79.1	0.00	125.4	0.00	321.0
04:44:00	875.53	79.1	0.00	125.6	0.00	321.0
04:45:00	873.77	79.1	0.00	125.8	0.00	321.0
04:46:00	870.28	79.1	0.00	125.9	0.00	321.0
04:47:00	867.64	79.1	0.00	126.1	0.00	321.0

Date 06/23/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.
04:48:00	866.16	79.1	0.00	126.3	0.00	321.0
04:49:00	864.37	79.1	0.00	126.5	0.00	321.0
04:50:00	861.36	79.1	0.00	126.8	0.00	321.0
04:51:00	850.63	79.1	0.00	127.0	0.00	321.0
04:52:00	840.80	79.1	0.00	127.1	0.00	321.0
04:53:00	834.91	79.1	0.00	127.3	0.00	321.0
04:54:00	830.68	79.0	0.00	127.4	0.00	321.0
04:55:00	827.50	79.0	0.00	127.6	0.00	321.0
04:57:00	849.02	79.0	0.00	128.1	0.00	321.0
04:58:00	840.82	79.0	0.00	128.3	0.00	321.0
04:59:00	824.54	79.0	0.00	128.5	0.00	321.0
05:00:00	812.65	79.0	0.00	128.8	0.00	321.0
05:01:00	805.06	79.0	0.00	129.1	0.00	321.0
05:02:00	801.71	79.0	0.00	129.3	0.00	321.0
05:03:00	801.35	79.0	0.00	129.5	0.00	321.0
05:04:00	801.91	79.0	0.00	129.7	0.00	321.0
05:05:00	801.12	79.0	0.00	129.9	0.00	321.0
05:06:00	800.07	79.0	0.00	130.1	0.00	321.0
05:07:00	798.79	79.0	0.00	130.4	0.00	321.0
05:08:00	797.46	79.0	0.00	130.7	0.00	321.0
05:10:00	794.62	78.9	0.00	131.0	0.00	321.0
05:14:00	779.06	78.9	0.00	131.7	0.00	321.0
05:15:00	778.20	78.9	0.00	131.8	0.00	321.0
05:16:00	777.39	78.9	0.00	132.0	0.00	321.0
05:17:00	776.44	78.9	0.00	132.2	0.00	321.0
05:18:00	775.80	78.9	0.00	132.4	0.00	321.0
05:19:00	775.08	78.9	0.00	132.7	0.00	321.0
05:20:00	786.01	78.9	0.00	132.9	0.00	321.0
05:21:00	794.61	78.9	0.00	133.1	0.00	321.0
05:22:00	797.89	78.9	0.00	133.3	0.00	321.0
05:23:00	799.03	78.9	0.00	133.4	0.00	321.0
05:24:00	799.42	78.9	0.00	133.6	0.00	321.0
05:25:00	799.57	78.9	0.00	133.8	0.00	321.0
05:26:00	799.54	78.9	0.00	133.9	0.00	321.0
05:27:00	799.35	78.9	0.00	134.1	0.00	321.0
05:28:00	790.36	78.9	0.00	134.3	0.00	321.0
05:29:00	780.70	78.9	0.00	134.4	0.00	321.0
05:30:00	776.37	78.9	0.00	134.6	0.00	321.0
05:31:00	774.53	78.9	0.00	134.9	0.00	321.0
05:33:00	773.32	78.9	0.00	135.2	0.00	321.0
05:35:00	796.37	78.9	0.00	135.7	0.00	321.0
05:36:00	778.02	78.9	0.00	135.7	0.00	321.0
05:37:00	769.35	78.8	0.00	135.8	0.00	321.0
05:38:00	767.45	78.9	0.00	136.0	0.00	321.0
05:39:00	767.62	78.8	0.00	136.2	0.00	321.0
05:40:00	778.17	78.8	0.00	136.3	0.00	321.0
05:42:00	790.97	78.9	0.00	136.7	0.00	321.0
05:47:00	803.54	78.8	0.00	137.7	0.00	321.0
05:48:00	791.75	78.8	0.00	137.8	0.00	321.0
05:49:00	786.35	78.8	0.00	137.8	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF	.	.
05:50:00	783.80	78.8	0.00	137.9	0.00	321.0
05:51:00	804.67	78.8	0.00	138.1	0.00	321.0
05:52:00	816.84	78.8	0.00	138.3	0.00	321.0
05:53:00	819.55	78.8	0.00	138.5	0.00	321.0
05:54:00	805.31	78.8	0.00	138.6	0.00	321.0
05:55:00	787.39	78.8	0.00	138.6	0.00	321.0
05:56:00	794.77	78.8	0.00	138.9	0.00	321.0
05:57:00	784.55	78.8	0.00	139.1	0.00	321.0
05:58:00	790.23	78.8	0.00	139.2	0.00	321.0
06:00:00	805.25	78.8	0.00	139.6	0.00	321.0
06:01:00	811.35	78.8	0.00	139.7	0.00	321.0
06:02:00	818.16	78.8	0.00	139.8	0.00	321.0
06:03:00	812.33	78.8	0.00	139.9	0.00	321.0
06:04:00	813.86	78.7	0.00	140.1	0.00	321.0
06:06:00	822.32	78.7	0.00	140.4	0.00	321.0
06:07:00	805.24	78.7	0.00	140.5	0.00	321.0
06:08:00	793.45	78.7	0.00	140.6	0.00	321.0
06:09:00	791.16	78.7	0.00	140.7	0.00	321.0
06:10:00	790.00	78.7	0.00	140.8	0.00	321.0
06:11:00	789.80	78.7	0.00	140.9	0.00	321.0
06:12:00	783.89	78.7	0.00	141.0	0.00	321.0
06:13:00	779.37	78.7	0.00	141.2	0.00	321.0
06:14:00	779.76	78.7	0.00	141.3	0.00	321.0
06:15:00	783.99	78.7	0.00	141.5	0.00	321.0
06:16:00	785.78	78.7	0.00	141.6	0.00	321.0
06:17:00	782.26	78.7	0.00	141.7	0.00	321.0
06:18:00	779.67	78.7	0.00	141.8	0.00	321.0
06:19:00	778.79	78.7	0.00	141.9	0.00	321.0
06:20:00	781.29	78.7	0.00	142.0	0.00	321.0
06:22:00	785.94	78.6	0.00	142.3	0.00	321.0
06:25:00	782.21	78.7	0.00	142.7	0.00	321.0
06:26:00	780.22	78.6	0.00	142.8	0.00	321.0
06:27:00	780.40	78.6	0.00	142.9	0.00	321.0
06:28:00	783.81	78.6	0.00	143.0	0.00	321.0
06:29:00	786.86	78.6	0.00	143.0	0.00	321.0
06:30:00	788.90	78.6	0.00	143.1	0.00	321.0
06:31:00	790.90	78.6	0.00	143.2	0.00	321.0
06:32:00	793.23	78.6	0.00	143.3	0.00	321.0
06:33:00	795.79	78.6	0.00	143.2	0.00	321.0
06:36:00	812.29	78.7	0.00	141.3	0.00	321.0
06:37:00	825.62	78.7	0.00	141.1	0.00	321.0
06:38:00	837.70	78.7	0.00	141.0	0.00	321.0
06:39:00	846.43	78.7	0.00	141.0	0.00	321.0
06:40:00	847.82	78.7	0.00	141.1	0.00	321.0
06:41:00	847.17	78.7	0.00	141.1	0.00	321.0
06:42:00	845.34	78.7	0.00	141.1	0.00	321.0
06:43:00	843.93	78.8	0.00	141.1	0.00	321.0
06:44:00	843.19	78.8	0.00	141.3	0.00	321.0
06:45:00	843.88	78.8	0.00	141.4	0.00	321.0
06:46:00	847.73	78.8	0.00	141.4	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
06:47:00	849.48	78.8	0.00	141.4	0.00	321.0
06:48:00	850.55	78.9	0.00	141.5	0.00	321.0
06:49:00	850.73	78.9	0.00	141.5	0.00	321.0
06:50:00	849.28	78.9	0.00	141.6	0.00	321.0
06:51:00	848.83	79.0	0.00	141.6	0.00	321.0
06:52:00	849.81	79.0	0.00	141.7	0.00	321.0
06:53:00	852.76	79.0	0.00	141.7	0.00	321.0
06:55:00	857.07	79.1	0.00	141.6	0.00	321.0
06:57:00	856.66	79.3	0.00	141.6	0.00	321.0
06:58:00	856.57	79.3	0.00	141.7	0.00	321.0
06:59:00	856.13	79.4	0.00	141.7	0.00	321.0
07:00:00	858.46	79.4	0.00	141.6	0.00	321.0
07:02:00	864.15	79.6	0.00	141.5	0.00	321.0
07:03:00	864.37	79.7	0.00	141.5	0.00	321.0
07:05:00	865.76	79.8	0.00	141.3	0.00	321.0
07:07:00	864.50	80.0	0.00	141.2	0.00	321.0
07:08:00	863.55	80.1	0.00	141.2	0.00	321.0
07:09:00	863.91	80.2	0.00	141.3	0.00	321.0
07:10:00	863.06	80.2	0.00	141.4	0.00	321.0
07:11:00	859.58	80.3	0.00	141.6	0.00	321.0
07:12:00	862.29	80.4	0.00	141.7	0.00	321.0
07:14:00	858.77	80.6	0.00	142.0	0.00	321.0
07:17:00	855.48	80.8	0.00	142.3	0.00	321.0
07:18:00	855.03	80.9	0.00	142.4	0.00	321.0
07:20:00	854.00	81.1	0.00	142.5	0.00	321.0
07:26:00	850.62	81.8	0.00	143.0	0.00	321.0
07:27:00	850.56	81.9	0.00	143.0	0.00	321.0
07:33:00	842.77	82.7	0.00	142.9	0.00	321.0
07:35:00	842.99	82.9	0.00	143.1	0.00	321.0
07:36:00	843.63	83.1	0.00	143.3	0.00	321.0
07:39:00	845.94	83.6	0.00	143.6	0.00	321.0
07:40:00	848.60	83.7	0.00	143.7	0.00	321.0
07:42:00	855.12	84.1	0.00	143.8	0.00	321.0
07:43:00	856.52	84.3	0.00	143.9	0.00	321.0
07:45:00	857.13	84.6	0.00	144.0	0.00	321.0
07:46:00	857.06	84.8	0.00	144.1	0.00	321.0
07:47:00	857.21	85.0	0.00	144.2	0.00	321.0
07:49:00	859.25	85.4	0.00	144.5	0.00	321.0
07:50:00	858.90	85.6	0.00	144.6	0.00	321.0
07:54:00	618.70	86.3	0.00	148.6	0.00	321.0
07:55:00	573.17	86.6	0.00	148.9	0.00	321.0
07:56:00	544.72	86.8	0.00	149.2	0.00	321.0
07:57:00	526.71	87.1	0.00	149.3	0.00	321.0
07:59:00	505.10	87.5	0.00	149.6	0.00	321.0
08:00:00	498.14	87.7	0.00	149.8	0.00	321.0
08:01:00	492.42	88.0	0.00	149.8	0.00	321.0
08:02:00	487.54	88.2	0.00	150.0	0.00	321.0
08:04:00	479.69	88.7	0.00	150.2	0.00	321.0
08:06:00	473.17	89.1	0.00	150.3	0.00	321.0
08:07:00	470.09	89.4	0.00	150.3	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
08:08:00	467.12	89.6	0.00	150.4	0.00	321.0
08:10:00	461.52	90.1	0.00	150.8	0.00	321.0
08:12:00	457.12	90.5	0.00	151.2	0.00	321.0
08:13:00	455.00	90.7	0.00	151.3	0.00	321.0
08:14:00	454.04	91.0	0.00	151.4	0.00	321.0
08:15:00	456.52	91.2	0.00	151.5	0.00	321.0
08:17:00	458.55	91.6	0.00	151.8	0.00	321.0
08:19:00	459.65	92.1	0.00	152.0	0.00	321.0
08:20:00	458.25	92.3	0.00	152.1	0.00	321.0
08:21:00	455.63	92.5	0.00	152.3	0.00	321.0
08:22:00	453.74	92.7	0.00	152.6	0.00	321.0
08:23:00	454.42	92.9	0.00	152.8	0.00	321.0
08:24:00	453.91	93.1	0.00	152.9	0.00	321.0
08:25:00	451.95	93.3	0.00	153.1	0.00	321.0
08:27:00	451.61	93.7	0.00	153.4	0.00	321.0
08:28:00	450.23	93.9	0.00	153.5	0.00	321.0
08:31:00	446.09	94.5	0.00	154.1	0.00	321.0
08:32:00	446.99	94.7	0.00	154.2	0.00	321.0
08:33:00	447.44	95.0	0.00	154.2	0.00	321.0
08:34:00	447.25	95.3	0.00	154.3	0.00	321.0
08:35:00	446.43	95.5	0.00	154.4	0.00	321.0
08:36:00	444.14	95.7	0.00	154.4	0.00	321.0
08:37:00	442.21	96.0	0.00	154.5	0.00	321.0
08:39:00	440.78	96.5	0.00	154.8	0.00	321.0
08:41:00	439.72	97.1	0.00	155.3	0.00	321.0
08:42:00	439.08	97.3	0.00	155.3	0.00	321.0
08:43:00	438.57	97.5	0.00	155.4	0.00	321.0
08:46:00	435.89	98.2	0.00	155.6	0.00	321.0
08:51:00	423.85	99.2	0.00	156.2	0.00	321.0
08:53:00	422.14	99.5	0.00	156.7	0.00	321.0
08:55:00	427.20	99.8	0.00	156.8	0.00	321.0
08:58:00	420.29	100.1	0.00	157.2	0.00	321.0
09:01:00	416.76	100.4	0.00	157.7	0.00	321.0
09:02:00	416.23	100.4	0.00	157.8	0.00	321.0
09:03:00	415.79	100.5	0.00	157.9	0.00	321.0
09:05:00	415.12	100.6	0.00	158.0	0.00	321.0
09:06:00	414.77	100.7	0.00	158.1	0.00	321.0
09:07:00	414.44	100.7	0.00	158.2	0.00	321.0
09:08:00	414.09	100.7	0.00	158.4	0.00	321.0
09:09:00	413.82	100.7	0.00	158.6	0.00	321.0
09:10:00	413.66	100.7	0.00	158.8	0.00	321.0
09:11:00	413.65	100.7	0.00	158.8	0.00	321.0
09:12:00	413.59	100.8	0.00	158.8	0.00	321.0
09:13:00	413.50	100.8	0.00	158.8	0.00	321.0
09:15:00	412.97	100.9	0.00	159.0	0.00	321.0
09:18:00	415.95	101.1	0.00	159.6	0.00	321.0
09:19:00	413.49	101.2	0.00	159.8	0.00	321.0
09:21:00	410.87	101.5	0.00	159.9	0.00	321.0
09:23:00	409.73	101.8	0.00	159.9	0.00	321.0
09:28:00	423.15	102.6	0.00	160.2	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
09:30:00	423.99	102.8	0.00	160.4	0.00	321.0
09:32:00	422.84	103.1	0.00	160.9	0.00	321.0
09:34:00	421.15	103.5	0.00	161.4	0.00	321.0
09:35:00	420.29	103.6	0.00	161.5	0.00	321.0
09:36:00	416.53	103.8	0.00	161.6	0.00	321.0
09:42:00	413.87	104.9	0.00	161.9	0.00	321.0
09:44:00	418.82	105.3	0.00	161.8	0.00	321.0
09:45:00	419.02	105.5	0.00	161.9	0.00	321.0
09:47:00	417.81	105.8	0.00	162.2	0.00	321.0
09:50:00	413.69	106.4	0.00	162.7	0.00	321.0
09:51:00	413.43	106.6	0.00	162.8	0.00	321.0
09:52:00	412.97	106.8	0.00	162.9	0.00	321.0
09:53:00	412.41	106.9	0.00	162.9	0.00	321.0
09:54:00	411.67	107.1	0.00	162.9	0.00	321.0
09:55:00	410.97	107.3	0.00	163.1	0.00	321.0
09:56:00	410.27	107.5	0.00	163.3	0.00	321.0
09:58:00	408.86	107.8	0.00	163.6	0.00	321.0
09:59:00	408.18	108.0	0.00	163.9	0.00	321.0
10:02:00	406.55	108.5	0.00	164.0	0.00	321.0
10:03:00	406.16	108.7	0.00	164.1	0.00	321.0
10:05:00	402.16	109.0	0.00	164.3	0.00	321.0
10:07:00	398.59	109.4	0.00	164.1	0.00	321.0
10:09:00	398.52	109.7	0.00	164.0	0.00	321.0
10:11:00	403.87	110.1	0.00	163.8	0.00	321.0
10:14:00	403.99	110.5	0.00	164.1	0.00	321.0
10:16:00	403.24	110.7	0.00	164.3	0.00	321.0
10:17:00	402.89	110.8	0.00	164.5	0.00	321.0
10:18:00	402.52	110.8	0.00	164.7	0.00	321.0
10:19:00	402.18	110.8	0.00	164.7	0.00	321.0
10:23:00	401.11	110.8	0.00	164.9	0.00	321.0
10:24:00	400.83	110.8	0.00	165.0	0.00	321.0
10:25:00	400.54	110.8	0.00	165.1	0.00	321.0
10:26:00	400.31	110.7	0.00	165.1	0.00	321.0
10:30:00	399.67	110.6	0.00	165.6	0.00	321.0
10:31:00	399.48	110.5	0.00	165.8	0.00	321.0
10:32:00	399.33	110.5	0.00	165.8	0.00	321.0
10:35:00	398.19	110.3	0.00	166.3	0.00	321.0
10:36:00	398.25	110.2	0.00	166.4	0.00	321.0
10:37:00	398.24	110.1	0.00	166.5	0.00	321.0
10:38:00	398.24	110.0	0.00	166.5	0.00	321.0
10:40:00	397.45	109.8	0.00	166.5	0.00	321.0
10:42:00	397.71	109.6	0.00	166.8	0.00	321.0
10:44:00	397.32	109.4	0.00	166.8	0.00	321.0
10:45:00	397.28	109.3	0.00	166.9	0.00	321.0
10:46:00	397.13	109.2	0.00	167.1	0.00	321.0
10:48:00	396.79	108.9	0.00	167.1	0.00	321.0
10:50:00	396.33	108.7	0.00	167.2	0.00	321.0
10:51:00	396.13	108.6	0.00	167.2	0.00	321.0
10:52:00	395.95	108.5	0.00	167.3	0.00	321.0
10:55:00	395.43	108.1	0.00	167.6	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF	.	.
10:56:00	395.22	107.9	0.00	167.7	0.00	321.0
10:57:00	394.97	107.8	0.00	167.8	0.00	321.0
10:58:00	394.82	107.6	0.00	167.8	0.00	321.0
11:00:00	394.52	107.4	0.00	168.0	0.00	321.0
11:01:00	394.25	107.2	0.00	168.2	0.00	321.0
11:02:00	394.00	107.1	0.00	168.2	0.00	321.0
11:04:00	393.49	106.8	0.00	168.2	0.00	321.0
11:05:00	393.18	106.6	0.00	168.1	0.00	321.0
11:08:00	392.36	106.3	0.00	168.1	0.00	321.0
11:10:00	391.85	106.0	0.00	168.1	0.00	321.0
11:12:00	391.37	105.7	0.00	168.4	0.00	321.0
11:14:00	391.02	105.4	0.00	168.7	0.00	321.0
11:15:00	390.90	105.2	0.00	168.5	0.00	321.0
11:16:00	390.81	105.1	0.00	168.5	0.00	321.0
11:17:00	390.69	105.0	0.00	168.5	0.00	321.0
11:18:00	390.66	104.8	0.00	168.7	0.00	321.0
11:20:00	390.60	104.5	0.00	169.0	0.00	321.0
11:22:00	390.57	104.2	0.00	169.3	0.00	321.0
11:23:00	390.55	104.0	0.00	169.3	0.00	321.0
11:24:00	390.41	103.9	0.00	169.1	0.00	321.0
11:28:00	389.72	103.2	0.00	168.5	0.00	321.0
11:30:00	389.40	102.9	0.00	168.7	0.00	321.0
11:32:00	389.00	102.7	0.00	169.0	0.00	321.0
11:34:00	388.65	102.4	0.00	169.2	0.00	321.0
11:36:00	388.25	102.1	0.00	169.5	0.00	321.0
11:38:00	387.93	101.8	0.00	169.4	0.00	321.0
11:40:00	387.62	101.5	0.00	169.5	0.00	321.0
11:41:00	387.51	101.3	0.00	169.4	0.00	321.0
11:42:00	387.42	101.2	0.00	169.1	0.00	321.0
11:43:00	387.29	101.0	0.00	168.7	0.00	321.0
11:44:00	387.17	100.9	0.00	168.6	0.00	321.0
11:47:00	386.91	100.4	0.00	168.2	0.00	321.0
11:48:00	386.82	100.3	0.00	168.2	0.00	321.0
11:49:00	386.51	100.1	0.00	168.2	0.00	321.0
11:51:00	385.66	99.8	0.00	168.1	0.00	321.0
11:52:00	385.46	99.6	0.00	167.7	0.00	321.0
11:54:00	385.47	99.3	0.00	167.7	0.00	321.0
11:55:00	385.47	99.2	0.00	167.7	0.00	321.0
11:56:00	385.42	99.0	0.00	167.9	0.00	321.0
11:57:00	385.39	98.8	0.00	168.2	0.00	321.0
11:58:00	385.31	98.7	0.00	168.5	0.00	321.0
11:59:00	385.22	98.5	0.00	168.8	0.00	321.0
12:03:00	384.73	97.8	0.00	168.8	0.00	321.0
12:06:00	384.33	97.3	0.00	168.6	0.00	321.0
12:08:00	384.00	97.0	0.00	168.8	0.00	321.0
12:10:00	383.71	96.7	0.00	169.4	0.00	321.0
12:11:00	383.59	96.5	0.00	169.2	0.00	321.0
12:13:00	383.44	96.2	0.00	168.5	0.00	321.0
12:14:00	383.29	96.0	0.00	168.2	0.00	321.0
12:15:00	383.18	95.8	0.00	167.9	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
12:16:00	383.07	95.7	0.00	168.0	0.00	321.0
12:17:00	382.98	95.5	0.00	168.2	0.00	321.0
12:18:00	382.91	95.3	0.00	168.3	0.00	321.0
12:19:00	382.86	95.2	0.00	168.3	0.00	321.0
12:20:00	382.77	95.0	0.00	168.4	0.00	321.0
12:21:00	382.64	94.9	0.00	168.6	0.00	321.0
12:23:00	382.48	94.5	0.00	169.2	0.00	321.0
12:26:00	382.24	94.1	0.00	169.5	0.00	321.0
12:27:00	382.18	94.0	0.00	169.8	0.00	321.0
12:28:00	382.03	93.8	0.00	170.0	0.00	321.0
12:29:00	381.92	93.7	0.00	170.1	0.00	321.0
12:32:00	381.63	93.2	0.00	170.4	0.00	321.0
12:33:00	381.49	93.0	0.00	170.5	0.00	321.0
12:34:00	381.36	92.9	0.00	170.7	0.00	321.0
12:35:00	381.23	92.7	0.00	171.0	0.00	321.0
12:36:00	381.17	92.6	0.00	171.2	0.00	321.0
12:40:00	380.77	92.0	0.00	171.6	0.00	321.0
12:41:00	380.72	91.9	0.00	171.8	0.00	321.0
12:45:00	380.40	91.3	0.00	172.1	0.00	321.0
12:46:00	380.38	91.2	0.00	171.9	0.00	321.0
12:47:00	380.39	91.1	0.00	171.9	0.00	321.0
12:48:00	380.31	91.0	0.00	172.0	0.00	321.0
12:49:00	380.26	90.9	0.00	172.1	0.00	321.0
12:51:00	380.11	90.6	0.00	172.3	0.00	321.0
12:53:00	379.93	90.4	0.00	172.4	0.00	321.0
12:54:00	379.87	90.3	0.00	172.5	0.00	321.0
12:55:00	379.78	90.2	0.00	172.5	0.00	321.0
12:56:00	379.69	90.1	0.00	172.5	0.00	321.0
12:57:00	379.61	90.0	0.00	172.7	0.00	321.0
12:58:00	379.55	89.9	0.00	172.7	0.00	321.0
12:59:00	379.49	89.8	0.00	172.5	0.00	321.0
13:00:00	379.39	89.7	0.00	172.6	0.00	321.0
13:01:00	379.28	89.6	0.00	172.6	0.00	321.0
13:02:00	379.25	89.5	0.00	172.7	0.00	321.0
13:03:00	379.15	89.4	0.00	172.6	0.00	321.0
13:04:00	379.05	89.4	0.00	172.5	0.00	321.0
13:06:00	378.85	89.2	0.00	172.5	0.00	321.0
13:07:00	378.75	89.1	0.00	172.7	0.00	321.0
13:08:00	378.66	89.0	0.00	173.0	0.00	321.0
13:09:00	378.58	88.9	0.00	173.1	0.00	321.0
13:10:00	378.50	88.9	0.00	173.2	0.00	321.0
13:11:00	378.38	88.8	0.00	173.2	0.00	321.0
13:12:00	378.29	88.7	0.00	173.2	0.00	321.0
13:14:00	378.11	88.6	0.00	173.1	0.00	321.0
13:15:00	377.98	88.5	0.00	173.2	0.00	321.0
13:16:00	377.86	88.4	0.00	173.2	0.00	321.0
13:17:00	377.76	88.3	0.00	173.3	0.00	321.0
13:18:00	377.67	88.3	0.00	173.3	0.00	321.0
13:19:00	377.55	88.2	0.00	173.3	0.00	321.0
13:20:00	377.42	88.1	0.00	173.3	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF	.	.
13:21:00	377.32	88.1	0.00	173.3	0.00	321.0
13:22:00	377.24	88.0	0.00	173.4	0.00	321.0
13:23:00	377.13	88.0	0.00	173.5	0.00	321.0
13:24:00	377.04	87.9	0.00	173.4	0.00	321.0
13:25:00	376.99	87.9	0.00	173.3	0.00	321.0
13:26:00	376.84	87.8	0.00	173.2	0.00	321.0
13:27:00	376.76	87.7	0.00	173.1	0.00	321.0
13:29:00	376.60	87.7	0.00	173.1	0.00	321.0
13:30:00	376.54	87.6	0.00	173.1	0.00	321.0
13:31:00	376.46	87.6	0.00	173.0	0.00	321.0
13:32:00	376.45	87.5	0.00	173.0	0.00	321.0
13:33:00	376.39	87.5	0.00	173.2	0.00	321.0
13:35:00	376.18	87.4	0.00	173.2	0.00	321.0
13:37:00	376.07	87.3	0.00	173.2	0.00	321.0
13:38:00	376.05	87.2	0.00	173.5	0.00	321.0
13:39:00	375.97	87.2	0.00	173.5	0.00	321.0
13:40:00	375.89	87.1	0.00	173.4	0.00	321.0
13:41:00	375.80	87.1	0.00	173.4	0.00	321.0
13:42:00	375.71	87.1	0.00	173.4	0.00	321.0
13:43:00	375.62	87.0	0.00	173.5	0.00	321.0
13:44:00	375.51	87.0	0.00	173.5	0.00	321.0
13:45:00	375.43	87.0	0.00	173.7	0.00	321.0
13:46:00	375.33	87.0	0.00	173.8	0.00	321.0
13:47:00	375.26	87.0	0.00	174.0	0.00	321.0
13:48:00	375.20	86.9	0.00	174.1	0.00	321.0
13:50:00	375.07	86.9	0.00	174.5	0.00	321.0
13:51:00	375.04	86.9	0.00	174.6	0.00	321.0
13:52:00	374.96	86.9	0.00	174.6	0.00	321.0
13:53:00	374.92	86.9	0.00	174.4	0.00	321.0
13:54:00	374.84	87.0	0.00	174.4	0.00	321.0
13:55:00	374.81	87.0	0.00	174.5	0.00	321.0
13:56:00	374.73	87.0	0.00	174.6	0.00	321.0
13:57:00	374.62	87.0	0.00	174.6	0.00	321.0
13:58:00	374.53	87.0	0.00	174.6	0.00	321.0
13:59:00	374.42	87.1	0.00	174.7	0.00	321.0
14:00:00	374.37	87.1	0.00	174.7	0.00	321.0
14:01:00	374.26	87.2	0.00	174.9	0.00	321.0
14:02:00	374.13	87.2	0.00	175.1	0.00	321.0
14:04:00	374.02	87.4	0.00	174.9	0.00	321.0
14:05:00	374.12	87.4	0.00	174.8	0.00	321.0
14:07:00	374.44	87.6	0.00	174.7	0.00	321.0
14:08:00	374.59	87.7	0.00	174.8	0.00	321.0
14:09:00	374.70	87.8	0.00	175.0	0.00	321.0
14:10:00	374.79	87.9	0.00	175.4	0.00	321.0
14:11:00	374.88	88.0	0.00	175.5	0.00	321.0
14:12:00	374.89	88.1	0.00	175.6	0.00	321.0
14:14:00	374.84	88.4	0.00	175.3	0.00	321.0
14:15:00	374.72	88.6	0.00	175.5	0.00	321.0
14:18:00	374.68	88.9	0.00	175.8	0.00	321.0
14:19:00	374.66	89.0	0.00	176.0	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
14:20:00	374.64	89.2	0.00	176.0	0.00	321.0
14:21:00	374.53	89.3	0.00	176.3	0.00	321.0
14:22:00	374.38	89.5	0.00	176.3	0.00	321.0
14:23:00	374.20	89.6	0.00	176.2	0.00	321.0
14:24:00	374.14	89.8	0.00	176.2	0.00	321.0
14:25:00	374.17	89.9	0.00	176.6	0.00	321.0
14:27:00	374.26	90.3	0.00	176.6	0.00	321.0
14:28:00	374.29	90.5	0.00	176.6	0.00	321.0
14:31:00	374.33	91.1	0.00	176.5	0.00	321.0
14:33:00	374.26	91.5	0.00	176.8	0.00	321.0
14:34:00	374.20	91.7	0.00	177.1	0.00	321.0
14:35:00	374.18	91.9	0.00	177.2	0.00	321.0
14:36:00	374.20	92.2	0.00	177.3	0.00	321.0
14:37:00	374.14	92.4	0.00	177.6	0.00	321.0
14:39:00	373.98	92.8	0.00	177.8	0.00	321.0
14:41:00	373.82	93.3	0.00	178.0	0.00	321.0
14:42:00	373.66	93.6	0.00	178.1	0.00	321.0
14:43:00	373.60	93.9	0.00	178.1	0.00	321.0
14:52:00	372.83	96.3	0.00	175.5	0.00	321.0
14:54:00	372.77	96.7	0.00	175.4	0.00	321.0
14:57:00	372.77	97.2	0.00	175.0	0.00	321.0
14:58:00	372.82	97.3	0.00	175.3	0.00	321.0
14:59:00	372.89	97.4	0.00	175.5	0.00	321.0
15:00:00	372.95	97.5	0.00	175.5	0.00	321.0
15:01:00	373.00	97.5	0.00	175.6	0.00	321.0
15:02:00	373.06	97.6	0.00	175.3	0.00	321.0
15:03:00	373.11	97.7	0.00	175.3	0.00	321.0
15:06:00	373.28	97.7	0.00	175.8	0.00	321.0
15:08:00	373.55	97.8	0.00	176.0	0.00	321.0
15:09:00	373.61	97.8	0.00	176.0	0.00	321.0
15:10:00	373.69	97.8	0.00	176.0	0.00	321.0
15:11:00	373.70	97.8	0.00	175.9	0.00	321.0
15:12:00	373.71	97.8	0.00	175.7	0.00	321.0
15:13:00	373.72	97.8	0.00	175.7	0.00	321.0
15:15:00	373.39	97.7	0.00	175.1	0.00	321.0
15:16:00	373.61	97.7	0.00	175.0	0.00	321.0
15:17:00	373.82	97.7	0.00	174.9	0.00	321.0
15:19:00	374.01	97.6	0.00	175.1	0.00	321.0
15:20:00	374.07	97.6	0.00	175.3	0.00	321.0
15:21:00	374.10	97.5	0.00	175.3	0.00	321.0
15:22:00	374.15	97.5	0.00	175.3	0.00	321.0
15:23:00	374.17	97.4	0.00	174.8	0.00	321.0
15:24:00	374.18	97.4	0.00	174.6	0.00	321.0
15:25:00	374.20	97.3	0.00	174.6	0.00	321.0
15:26:00	374.26	97.2	0.00	174.7	0.00	321.0
15:27:00	374.28	97.2	0.00	174.9	0.00	321.0
15:28:00	374.29	97.1	0.00	175.3	0.00	321.0
15:29:00	374.31	97.0	0.00	175.4	0.00	321.0
15:30:00	374.29	97.0	0.00	175.5	0.00	321.0
15:31:00	374.03	96.9	0.00	175.6	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
15:32:00	373.23	96.8	0.00	175.7	0.00	321.0
15:33:00	372.50	96.7	0.00	175.6	0.00	321.0
15:34:00	372.16	96.6	0.00	175.6	0.00	321.0
15:35:00	372.07	96.5	0.00	175.8	0.00	321.0
15:36:00	372.40	96.4	0.00	175.7	0.00	321.0
15:37:00	372.93	96.3	0.00	175.8	0.00	321.0
15:38:00	373.30	96.2	0.00	175.8	0.00	321.0
15:39:00	373.55	96.1	0.00	175.8	0.00	321.0
15:40:00	373.63	96.0	0.00	175.8	0.00	321.0
15:41:00	373.62	95.9	0.00	175.6	0.00	321.0
15:42:00	373.57	95.8	0.00	175.4	0.00	321.0
15:43:00	373.38	95.7	0.00	175.4	0.00	321.0
15:44:00	373.24	95.6	0.00	175.5	0.00	321.0
15:45:00	373.07	95.5	0.00	175.5	0.00	321.0
15:46:00	372.91	95.4	0.00	175.4	0.00	321.0
15:47:00	372.81	95.3	0.00	175.3	0.00	321.0
15:49:00	372.54	95.1	0.00	175.5	0.00	321.0
15:50:00	372.40	94.9	0.00	175.6	0.00	321.0
15:52:00	372.17	94.7	0.00	175.6	0.00	321.0
15:53:00	371.97	94.6	0.00	175.6	0.00	321.0
15:54:00	371.89	94.5	0.00	175.7	0.00	321.0
15:56:00	371.65	94.4	0.00	175.6	0.00	321.0
15:57:00	371.56	94.3	0.00	175.6	0.00	321.0
15:58:00	371.55	94.3	0.00	175.6	0.00	321.0
15:59:00	371.53	94.2	0.00	175.8	0.00	321.0
16:01:00	371.60	94.1	0.00	175.7	0.00	321.0
16:02:00	371.65	94.0	0.00	175.6	0.00	321.0
16:03:00	371.74	93.9	0.00	175.6	0.00	321.0
16:04:00	371.63	93.8	0.00	175.8	0.00	321.0
16:05:00	371.25	93.7	0.00	175.7	0.00	321.0
16:06:00	371.18	93.7	0.00	175.7	0.00	321.0
16:07:00	371.12	93.6	0.00	175.7	0.00	321.0
16:08:00	371.14	93.5	0.00	175.4	0.00	321.0
16:09:00	371.12	93.4	0.00	175.3	0.00	321.0
16:10:00	370.54	93.4	0.00	175.4	0.00	321.0
16:11:00	369.73	93.3	0.00	175.3	0.00	321.0
16:12:00	370.75	93.3	0.00	175.4	0.00	321.0
16:14:00	371.96	93.1	0.00	175.7	0.00	321.0
16:15:00	372.14	93.0	0.00	175.7	0.00	321.0
16:16:00	372.15	93.0	0.00	175.8	0.00	321.0
16:17:00	372.22	92.9	0.00	176.0	0.00	321.0
16:18:00	372.23	92.9	0.00	176.2	0.00	321.0
16:19:00	372.16	92.8	0.00	176.2	0.00	321.0
16:21:00	371.97	92.7	0.00	176.0	0.00	321.0
16:22:00	371.81	92.7	0.00	176.2	0.00	321.0
16:24:00	371.46	92.6	0.00	176.5	0.00	321.0
16:25:00	371.30	92.6	0.00	176.4	0.00	321.0
16:26:00	371.50	92.5	0.00	176.3	0.00	321.0
16:27:00	371.04	92.5	0.00	176.4	0.00	321.0
16:28:00	369.97	92.4	0.00	176.5	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
16:29:00	369.21	92.4	0.00	176.5	0.00	321.0
16:30:00	368.76	92.4	0.00	176.6	0.00	321.0
16:33:00	367.82	92.3	0.00	177.0	0.00	321.0
16:34:00	367.55	92.3	0.00	176.9	0.00	321.0
16:35:00	367.39	92.3	0.00	176.9	0.00	321.0
16:36:00	367.31	92.3	0.00	177.3	0.00	321.0
16:37:00	367.28	92.3	0.00	177.6	0.00	321.0
16:39:00	367.19	92.4	0.00	177.8	0.00	321.0
16:40:00	367.22	92.4	0.00	177.7	0.00	321.0
16:41:00	367.18	92.5	0.00	177.6	0.00	321.0
16:42:00	367.16	92.6	0.00	177.5	0.00	321.0
16:43:00	367.16	92.6	0.00	177.1	0.00	321.0
16:45:00	367.05	92.7	0.00	176.7	0.00	321.0
16:46:00	367.00	92.8	0.00	176.4	0.00	321.0
16:47:00	366.94	92.9	0.00	176.2	0.00	321.0
16:48:00	366.89	93.0	0.00	176.1	0.00	321.0
16:49:00	366.81	93.1	0.00	176.4	0.00	321.0
16:50:00	366.69	93.2	0.00	176.4	0.00	321.0
16:52:00	365.79	93.4	0.00	176.7	0.00	321.0
16:54:00	365.58	93.6	0.00	176.4	0.00	321.0
16:55:00	365.75	93.7	0.00	176.2	0.00	321.0
16:56:00	365.87	93.7	0.00	175.9	0.00	321.0
16:59:00	366.01	94.0	0.00	176.2	0.00	321.0
17:00:00	366.04	94.1	0.00	176.3	0.00	321.0
17:01:00	366.11	94.2	0.00	176.5	0.00	321.0
17:02:00	366.23	94.2	0.00	176.7	0.00	321.0
17:03:00	366.36	94.3	0.00	176.8	0.00	321.0
17:04:00	366.49	94.3	0.00	176.9	0.00	321.0
17:07:00	366.72	94.4	0.00	177.2	0.00	321.0
17:08:00	366.76	94.4	0.00	177.4	0.00	321.0
17:13:00	367.02	94.8	0.00	177.0	0.00	321.0
17:14:00	366.99	94.9	0.00	176.8	0.00	321.0
17:15:00	366.98	95.0	0.00	176.7	0.00	321.0
17:16:00	366.97	95.1	0.00	176.5	0.00	321.0
17:17:00	366.94	95.2	0.00	176.4	0.00	321.0
17:19:00	366.85	95.4	0.00	176.5	0.00	321.0
17:20:00	366.92	95.5	0.00	176.4	0.00	321.0
17:22:00	366.93	95.7	0.00	176.2	0.00	321.0
17:23:00	366.88	95.8	0.00	176.4	0.00	321.0
17:24:00	366.80	95.9	0.00	176.6	0.00	321.0
17:25:00	366.69	96.0	0.00	176.9	0.00	321.0
17:26:00	366.65	96.1	0.00	177.3	0.00	321.0
17:27:00	366.62	96.2	0.00	177.4	0.00	321.0
17:29:00	366.59	96.4	0.00	177.6	0.00	321.0
17:30:00	366.55	96.5	0.00	177.7	0.00	321.0
17:31:00	365.41	96.6	0.00	177.7	0.00	321.0
17:32:00	363.13	96.7	0.00	177.7	0.00	321.0
17:36:00	366.11	97.1	0.00	178.3	0.00	321.0
17:41:00	366.74	97.8	0.00	178.8	0.00	321.0
17:44:00	366.00	98.2	0.00	179.0	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
17:46:00	346.24	98.5	0.00	179.3	0.00	321.0
17:49:00	332.89	98.9	0.00	179.5	0.00	321.0
17:50:00	331.64	99.1	0.00	179.2	0.00	321.0
17:51:00	329.74	99.3	0.00	179.3	0.00	321.0
17:53:00	328.83	99.6	0.00	179.1	0.00	321.0
17:54:00	329.32	99.8	0.00	179.2	0.00	321.0
17:55:00	331.00	100.0	0.00	179.2	0.00	321.0
17:56:00	333.74	100.1	0.00	179.2	0.00	321.0
17:58:00	342.28	100.5	0.00	179.3	0.00	321.0
18:00:00	354.56	100.8	0.00	179.4	0.00	321.0
18:02:00	361.48	101.0	0.00	179.2	0.00	321.0
18:03:00	363.15	101.1	0.00	179.3	0.00	321.0
18:05:00	363.82	101.3	0.00	179.9	0.00	321.0
18:06:00	362.93	101.4	0.00	180.2	0.00	321.0
18:07:00	362.35	101.4	0.00	180.2	0.00	321.0
18:08:00	362.16	101.5	0.00	180.2	0.00	321.0
18:11:00	363.59	101.8	0.00	180.2	0.00	321.0
18:14:00	364.26	102.2	0.00	180.2	0.00	321.0
18:16:00	364.29	102.5	0.00	179.8	0.00	321.0
18:17:00	364.32	102.7	0.00	179.7	0.00	321.0
18:18:00	364.36	102.7	0.00	179.7	0.00	321.0
18:20:00	364.34	103.0	0.00	180.0	0.00	321.0
18:21:00	364.34	103.2	0.00	180.3	0.00	321.0
18:22:00	364.32	103.4	0.00	180.6	0.00	321.0
18:24:00	364.27	103.7	0.00	180.9	0.00	321.0
18:25:00	364.33	103.8	0.00	180.8	0.00	321.0
18:26:00	364.28	104.0	0.00	180.8	0.00	321.0
18:27:00	364.25	104.1	0.00	180.8	0.00	321.0
18:29:00	364.13	104.4	0.00	180.2	0.00	321.0
18:30:00	364.07	104.5	0.00	180.0	0.00	321.0
18:31:00	364.02	104.7	0.00	179.8	0.00	321.0
18:32:00	363.99	104.8	0.00	179.8	0.00	321.0
18:33:00	363.90	104.9	0.00	180.0	0.00	321.0
18:34:00	363.84	105.0	0.00	180.3	0.00	321.0
18:37:00	363.91	105.3	0.00	180.8	0.00	321.0
18:38:00	363.91	105.3	0.00	181.0	0.00	321.0
18:39:00	363.95	105.4	0.00	180.9	0.00	321.0
18:40:00	363.95	105.4	0.00	180.9	0.00	321.0
18:41:00	363.95	105.5	0.00	180.9	0.00	321.0
18:42:00	363.91	105.5	0.00	181.0	0.00	321.0
18:43:00	363.86	105.6	0.00	180.9	0.00	321.0
18:44:00	362.00	105.7	0.00	180.9	0.00	321.0
18:47:00	358.70	105.8	0.00	180.9	0.00	321.0
18:48:00	359.88	105.8	0.00	181.0	0.00	321.0
18:55:00	364.33	105.9	0.00	180.8	0.00	321.0
18:56:00	364.38	105.9	0.00	180.6	0.00	321.0
18:59:00	364.36	105.9	0.00	179.9	0.00	321.0
19:00:00	364.30	105.8	0.00	179.6	0.00	321.0
19:01:00	364.24	105.8	0.00	179.5	0.00	321.0
19:03:00	364.13	105.7	0.00	179.3	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF	.	.
19:05:00	363.99	105.7	0.00	179.3	0.00	321.0
19:06:00	363.95	105.6	0.00	179.2	0.00	321.0
19:07:00	363.95	105.5	0.00	179.3	0.00	321.0
19:08:00	363.95	105.4	0.00	179.2	0.00	321.0
19:09:00	363.95	105.4	0.00	179.2	0.00	321.0
19:10:00	364.03	105.3	0.00	179.2	0.00	321.0
19:11:00	364.10	105.2	0.00	179.2	0.00	321.0
19:12:00	364.17	105.1	0.00	179.3	0.00	321.0
19:13:00	364.27	104.9	0.00	179.4	0.00	321.0
19:14:00	364.34	104.8	0.00	179.4	0.00	321.0
19:16:00	364.48	104.6	0.00	179.5	0.00	321.0
19:18:00	364.49	104.3	0.00	179.4	0.00	321.0
19:19:00	364.49	104.1	0.00	179.3	0.00	321.0
19:20:00	364.50	104.0	0.00	179.2	0.00	321.0
19:21:00	364.62	103.9	0.00	179.2	0.00	321.0
19:22:00	364.75	103.7	0.00	179.1	0.00	321.0
19:23:00	364.83	103.6	0.00	179.0	0.00	321.0
19:27:00	365.28	102.8	0.00	179.4	0.00	321.0
19:28:00	365.44	102.7	0.00	179.4	0.00	321.0
19:29:00	365.61	102.7	0.00	179.3	0.00	321.0
19:31:00	365.83	102.3	0.00	179.7	0.00	321.0
19:32:00	365.96	102.1	0.00	179.9	0.00	321.0
19:35:00	366.17	101.6	0.00	179.8	0.00	321.0
19:37:00	366.19	101.2	0.00	179.9	0.00	321.0
19:38:00	366.17	101.0	0.00	179.9	0.00	321.0
19:39:00	366.14	100.9	0.00	180.0	0.00	321.0
19:41:00	366.01	100.5	0.00	180.1	0.00	321.0
19:42:00	366.04	100.3	0.00	180.0	0.00	321.0
19:43:00	365.97	100.2	0.00	179.9	0.00	321.0
19:44:00	365.97	100.0	0.00	179.8	0.00	321.0
19:46:00	365.85	99.7	0.00	179.9	0.00	321.0
19:47:00	365.70	99.5	0.00	179.9	0.00	321.0
19:50:00	364.92	99.0	0.00	180.5	0.00	321.0
19:52:00	363.76	98.7	0.00	180.7	0.00	321.0
19:53:00	363.22	98.5	0.00	180.8	0.00	321.0
19:56:00	361.12	98.0	0.00	180.6	0.00	321.0
19:58:00	359.99	97.7	0.00	180.4	0.00	321.0
19:59:00	359.74	97.5	0.00	180.3	0.00	321.0
20:01:00	359.58	97.2	0.00	180.2	0.00	321.0
20:03:00	359.86	96.9	0.00	180.1	0.00	321.0
20:04:00	360.29	96.8	0.00	180.1	0.00	321.0
20:05:00	360.82	96.6	0.00	180.1	0.00	321.0
20:06:00	361.24	96.4	0.00	180.0	0.00	321.0
20:08:00	361.63	96.1	0.00	179.9	0.00	321.0
20:10:00	361.90	95.8	0.00	179.9	0.00	321.0
20:12:00	362.12	95.5	0.00	179.8	0.00	321.0
20:14:00	362.17	95.2	0.00	179.7	0.00	321.0
20:16:00	362.34	94.9	0.00	179.6	0.00	321.0
20:17:00	362.39	94.7	0.00	179.7	0.00	321.0
20:19:00	362.48	94.4	0.00	180.0	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
20:21:00	362.66	94.2	0.00	180.1	0.00	321.0
20:23:00	362.79	93.9	0.00	180.3	0.00	321.0
20:24:00	362.69	93.7	0.00	180.4	0.00	321.0
20:25:00	362.55	93.6	0.00	180.6	0.00	321.0
20:27:00	361.87	93.3	0.00	180.7	0.00	321.0
20:30:00	360.09	92.8	0.00	181.1	0.00	321.0
20:33:00	358.52	92.5	0.00	181.0	0.00	321.0
20:35:00	358.23	92.2	0.00	181.2	0.00	321.0
20:38:00	358.26	91.8	0.00	181.4	0.00	321.0
20:39:00	358.26	91.7	0.00	181.4	0.00	321.0
20:40:00	358.25	91.6	0.00	181.3	0.00	321.0
20:42:00	358.23	91.3	0.00	181.1	0.00	321.0
20:43:00	358.19	91.2	0.00	181.1	0.00	321.0
20:44:00	358.10	91.1	0.00	181.1	0.00	321.0
20:45:00	358.08	91.0	0.00	181.1	0.00	321.0
20:46:00	358.05	90.9	0.00	181.1	0.00	321.0
20:47:00	358.07	90.8	0.00	180.9	0.00	321.0
20:48:00	358.03	90.6	0.00	180.9	0.00	321.0
20:49:00	358.05	90.5	0.00	180.9	0.00	321.0
20:50:00	358.04	90.4	0.00	180.8	0.00	321.0
20:51:00	358.02	90.3	0.00	180.8	0.00	321.0
20:52:00	357.97	90.2	0.00	180.7	0.00	321.0
20:54:00	357.95	90.0	0.00	180.5	0.00	321.0
20:56:00	357.84	89.8	0.00	180.4	0.00	321.0
20:57:00	357.75	89.7	0.00	180.4	0.00	321.0
20:58:00	357.75	89.6	0.00	180.5	0.00	321.0
20:59:00	357.67	89.5	0.00	180.7	0.00	321.0
21:00:00	357.65	89.4	0.00	180.7	0.00	321.0
21:01:00	357.59	89.3	0.00	180.7	0.00	321.0
21:02:00	357.53	89.2	0.00	180.8	0.00	321.0
21:04:00	357.42	89.0	0.00	180.7	0.00	321.0
21:07:00	357.26	88.8	0.00	180.6	0.00	321.0
21:08:00	357.17	88.7	0.00	180.7	0.00	321.0
21:09:00	357.11	88.6	0.00	180.7	0.00	321.0
21:10:00	357.10	88.5	0.00	180.7	0.00	321.0
21:11:00	357.07	88.4	0.00	180.6	0.00	321.0
21:12:00	357.05	88.3	0.00	180.5	0.00	321.0
21:14:00	357.01	88.1	0.00	180.5	0.00	321.0
21:16:00	356.93	87.9	0.00	180.6	0.00	321.0
21:17:00	356.94	87.9	0.00	180.7	0.00	321.0
21:18:00	356.92	87.7	0.00	180.8	0.00	321.0
21:20:00	356.91	87.6	0.00	180.8	0.00	321.0
21:21:00	356.91	87.5	0.00	180.8	0.00	321.0
21:24:00	356.82	87.3	0.00	180.7	0.00	321.0
21:25:00	356.78	87.2	0.00	180.6	0.00	321.0
21:26:00	356.80	87.1	0.00	180.8	0.00	321.0
21:28:00	356.78	87.0	0.00	180.9	0.00	321.0
21:29:00	356.77	86.9	0.00	180.9	0.00	321.0
21:30:00	356.79	86.8	0.00	180.8	0.00	321.0
21:31:00	356.78	86.7	0.00	180.8	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
21:32:00	356.75	86.7	0.00	180.9	0.00	321.0
21:33:00	356.78	86.6	0.00	181.0	0.00	321.0
21:34:00	356.77	86.5	0.00	181.0	0.00	321.0
21:35:00	356.73	86.4	0.00	181.1	0.00	321.0
21:36:00	356.74	86.3	0.00	181.1	0.00	321.0
21:38:00	356.68	86.2	0.00	181.1	0.00	321.0
21:40:00	356.65	86.2	0.00	180.9	0.00	321.0
21:41:00	356.63	86.2	0.00	180.9	0.00	321.0
21:43:00	356.60	86.1	0.00	180.9	0.00	321.0
21:44:00	356.55	86.0	0.00	181.0	0.00	321.0
21:47:00	356.51	85.8	0.00	181.1	0.00	321.0
21:48:00	356.54	85.7	0.00	181.2	0.00	321.0
21:49:00	356.65	85.7	0.00	181.2	0.00	321.0
21:50:00	356.79	85.6	0.00	181.1	0.00	321.0
21:51:00	356.84	85.6	0.00	181.3	0.00	321.0
21:52:00	356.91	85.5	0.00	181.4	0.00	321.0
21:53:00	356.96	85.5	0.00	181.4	0.00	321.0
21:54:00	357.02	85.4	0.00	181.5	0.00	321.0

Date	PANEX		PANEX			
06/23/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF		
22:01:00	357.44	85.0	0.00	181.2	0.00	321.0
22:02:00	357.59	85.0	0.00	181.1	0.00	321.0
22:04:00	357.74	84.9	0.00	181.1	0.00	321.0
22:05:00	357.61	84.9	0.00	181.2	0.00	321.0
22:07:00	357.65	84.8	0.00	181.1	0.00	321.0
22:09:00	357.74	84.7	0.00	181.0	0.00	321.0
22:10:00	357.77	84.7	0.00	181.0	0.00	321.0
22:11:00	357.78	84.6	0.00	181.1	0.00	321.0
22:13:00	357.66	84.5	0.00	181.3	0.00	321.0
22:14:00	357.82	84.5	0.00	181.3	0.00	321.0
22:15:00	357.64	84.5	0.00	181.4	0.00	321.0
22:18:00	358.04	84.4	0.00	181.1	0.00	321.0
22:21:00	358.12	84.3	0.00	180.8	0.00	321.0
22:27:00	357.93	84.0	0.00	181.2	0.00	321.0
22:28:00	358.20	84.0	0.00	181.2	0.00	321.0
22:30:00	358.17	83.9	0.00	181.2	0.00	321.0
22:31:00	358.00	83.9	0.00	181.2	0.00	321.0
22:37:00	358.01	83.6	0.00	181.2	0.00	321.0
22:40:00	354.70	83.5	0.00	181.3	0.00	321.0
22:41:00	355.92	83.5	0.00	181.3	0.00	321.0
22:42:00	357.79	83.5	0.00	181.1	0.00	321.0
22:44:00	357.87	83.4	0.00	181.1	0.00	321.0
22:45:00	357.78	83.3	0.00	181.0	0.00	321.0
22:46:00	357.85	83.3	0.00	181.0	0.00	321.0
22:47:00	357.92	83.3	0.00	181.0	0.00	321.0
22:51:00	357.96	83.1	0.00	181.2	0.00	321.0
22:52:00	357.73	83.1	0.00	181.3	0.00	321.0
22:53:00	357.96	83.1	0.00	181.3	0.00	321.0
22:54:00	357.93	83.0	0.00	181.3	0.00	321.0
22:55:00	357.99	83.0	0.00	181.4	0.00	321.0
22:56:00	358.08	83.0	0.00	181.5	0.00	321.0
22:57:00	358.09	83.0	0.00	181.6	0.00	321.0
22:58:00	358.05	82.9	0.00	181.4	0.00	321.0
22:59:00	357.98	82.9	0.00	181.3	0.00	321.0
23:00:00	357.93	82.8	0.00	181.3	0.00	321.0
23:02:00	357.95	82.8	0.00	181.5	0.00	321.0
23:03:00	357.56	82.8	0.00	181.6	0.00	321.0
23:04:00	357.81	82.8	0.00	181.6	0.00	321.0
23:05:00	358.00	82.7	0.00	181.4	0.00	321.0
23:06:00	357.93	82.7	0.00	181.2	0.00	321.0
23:07:00	357.81	82.7	0.00	181.1	0.00	321.0
23:09:00	357.83	82.6	0.00	180.9	0.00	321.0
23:10:00	357.83	82.6	0.00	181.0	0.00	321.0
23:11:00	355.66	82.6	0.00	181.1	0.00	321.0
23:12:00	357.77	82.6	0.00	181.2	0.00	321.0
23:15:00	358.11	82.5	0.00	181.5	0.00	321.0
23:16:00	358.06	82.5	0.00	181.7	0.00	321.0
23:17:00	358.26	82.4	0.00	181.8	0.00	321.0
23:21:00	357.54	82.4	0.00	181.6	0.00	321.0
23:22:00	357.53	82.4	0.00	181.5	0.00	321.0

Date	PANEX		PANEX			
06/23/81	FRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
23:23:00	357.35	82.4	0.00	181.4	0.00	321.0
23:24:00	357.44	82.3	0.00	181.3	0.00	321.0
23:25:00	357.45	82.3	0.00	181.2	0.00	321.0
23:26:00	357.01	82.3	0.00	181.1	0.00	321.0
23:27:00	357.13	82.3	0.00	181.1	0.00	321.0
23:28:00	356.99	82.2	0.00	181.3	0.00	321.0
23:29:00	356.99	82.2	0.00	181.3	0.00	321.0
23:30:00	356.85	82.2	0.00	181.3	0.00	321.0
23:31:00	356.92	82.2	0.00	181.1	0.00	321.0
23:32:00	356.79	82.2	0.00	181.1	0.00	321.0
23:33:00	356.63	82.2	0.00	181.0	0.00	321.0
23:34:00	356.53	82.2	0.00	181.1	0.00	321.0
23:35:00	356.53	82.2	0.00	181.1	0.00	321.0
23:36:00	356.46	82.2	0.00	181.1	0.00	321.0
23:42:00	356.34	82.1	0.00	181.5	0.00	321.0
23:43:00	356.39	82.1	0.00	181.7	0.00	321.0
23:44:00	356.28	82.1	0.00	181.7	0.00	321.0
23:45:00	356.32	82.0	0.00	181.8	0.00	321.0
23:46:00	356.14	82.0	0.00	181.8	0.00	321.0
23:47:00	356.15	82.0	0.00	181.8	0.00	321.0
23:48:00	356.07	82.0	0.00	181.8	0.00	321.0
23:49:00	355.89	82.0	0.00	181.8	0.00	321.0
23:50:00	356.04	82.0	0.00	181.9	0.00	321.0
23:51:00	355.90	82.0	0.00	181.8	0.00	321.0
23:52:00	355.97	81.9	0.00	181.7	0.00	321.0
23:53:00	355.79	81.9	0.00	181.6	0.00	321.0
23:54:00	355.73	81.9	0.00	181.7	0.00	321.0
23:55:00	355.52	81.9	0.00	181.7	0.00	321.0
23:56:00	355.57	81.9	0.00	181.7	0.00	321.0
23:57:00	355.37	81.9	0.00	181.7	0.00	321.0
23:58:00	355.48	81.9	0.00	181.7	0.00	321.0
23:59:00	355.48	81.8	0.00	181.6	0.00	321.0
00:00:00	355.40	81.8	0.00	181.7	0.00	321.0
00:01:00	355.38	81.8	0.00	181.5	0.00	321.0
00:02:00	355.35	81.8	0.00	181.4	0.00	321.0
00:03:00	355.61	81.8	0.00	181.3	0.00	321.0
00:04:00	355.67	81.8	0.00	181.4	0.00	321.0
00:05:00	355.57	81.8	0.00	181.5	0.00	321.0
00:06:00	355.67	81.8	0.00	181.5	0.00	321.0
00:07:00	356.04	81.7	0.00	181.7	0.00	321.0
00:08:00	355.78	81.7	0.00	181.7	0.00	321.0
00:09:00	355.80	81.7	0.00	181.7	0.00	321.0
00:10:00	355.76	81.7	0.00	181.8	0.00	321.0
00:11:00	355.91	81.7	0.00	181.8	0.00	321.0
00:12:00	355.80	81.7	0.00	181.6	0.00	321.0
00:13:00	356.14	81.7	0.00	181.5	0.00	321.0
00:14:00	356.36	81.7	0.00	181.4	0.00	321.0
00:15:00	356.39	81.7	0.00	181.4	0.00	321.0
00:16:00	356.14	81.6	0.00	181.5	0.00	321.0
00:17:00	356.04	81.6	0.00	181.5	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
00:18:00	356.34	81.6	0.00	181.6	0.00	321.0
00:19:00	356.13	81.6	0.00	181.7	0.00	321.0
00:20:00	356.20	81.6	0.00	181.8	0.00	321.0
00:21:00	356.18	81.6	0.00	181.8	0.00	321.0
00:22:00	356.01	81.6	0.00	181.9	0.00	321.0
00:23:00	356.27	81.5	0.00	182.0	0.00	321.0
00:24:00	356.09	81.5	0.00	181.9	0.00	321.0
00:25:00	355.96	81.5	0.00	182.0	0.00	321.0
00:26:00	355.99	81.5	0.00	181.9	0.00	321.0
00:27:00	352.73	81.5	0.00	181.9	0.00	321.0
00:28:00	351.72	81.5	0.00	182.1	0.00	321.0
00:29:00	350.86	81.4	0.00	182.0	0.00	321.0
00:30:00	357.51	81.4	0.00	182.0	0.00	321.0
00:31:00	355.18	81.4	0.00	182.0	0.00	321.0
00:32:00	355.86	81.4	0.00	181.9	0.00	321.0
00:33:00	356.43	81.4	0.00	181.9	0.00	321.0
00:34:00	356.81	81.4	0.00	182.0	0.00	321.0
00:35:00	357.05	81.3	0.00	181.9	0.00	321.0
00:36:00	356.89	81.3	0.00	181.9	0.00	321.0
00:37:00	357.09	81.3	0.00	181.7	0.00	321.0
00:38:00	356.76	81.3	0.00	181.6	0.00	321.0
00:39:00	356.67	81.3	0.00	181.5	0.00	321.0
00:41:00	356.62	81.2	0.00	181.6	0.00	321.0
00:42:00	356.64	81.2	0.00	181.5	0.00	321.0
00:43:00	356.50	81.2	0.00	181.3	0.00	321.0
00:44:00	356.33	81.2	0.00	181.3	0.00	321.0
00:45:00	356.35	81.2	0.00	181.3	0.00	321.0
00:46:00	356.07	81.1	0.00	181.3	0.00	321.0
00:47:00	356.27	81.1	0.00	181.4	0.00	321.0
00:48:00	356.22	81.1	0.00	181.5	0.00	321.0
00:49:00	356.23	81.1	0.00	181.4	0.00	321.0
00:50:00	352.23	81.1	0.00	181.2	0.00	321.0
00:51:00	355.39	81.0	0.00	181.1	0.00	321.0
00:52:00	356.10	81.0	0.00	181.1	0.00	321.0
00:53:00	356.15	81.0	0.00	181.1	0.00	321.0
00:54:00	356.32	81.0	0.00	181.1	0.00	321.0
00:55:00	356.43	81.0	0.00	181.2	0.00	321.0
00:57:00	356.58	80.9	0.00	181.5	0.00	321.0
00:58:00	356.47	80.9	0.00	181.6	0.00	321.0
00:59:00	356.52	80.9	0.00	181.6	0.00	321.0
01:00:00	356.07	80.9	0.00	181.6	0.00	321.0
01:01:00	355.98	80.9	0.00	181.6	0.00	321.0
01:02:00	355.86	80.9	0.00	181.8	0.00	321.0
01:04:00	355.93	80.8	0.00	181.9	0.00	321.0
01:05:00	355.98	80.8	0.00	181.8	0.00	321.0
01:06:00	356.29	80.8	0.00	181.6	0.00	321.0
01:07:00	356.25	80.8	0.00	181.3	0.00	321.0
01:08:00	356.66	80.8	0.00	181.2	0.00	321.0
01:09:00	356.40	80.8	0.00	181.1	0.00	321.0
01:11:00	356.13	80.7	0.00	181.1	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
01:17:00	355.48	80.6	0.00	181.2	0.00	321.0
01:18:00	355.18	80.6	0.00	181.2	0.00	321.0
01:19:00	355.33	80.6	0.00	181.1	0.00	321.0
01:20:00	355.26	80.6	0.00	181.1	0.00	321.0
01:21:00	355.08	80.6	0.00	181.0	0.00	321.0
01:22:00	355.00	80.6	0.00	181.0	0.00	321.0
01:23:00	354.97	80.6	0.00	181.1	0.00	321.0
01:24:00	354.99	80.6	0.00	181.2	0.00	321.0
01:26:00	354.74	80.6	0.00	181.4	0.00	321.0
01:27:00	354.51	80.5	0.00	181.3	0.00	321.0
01:31:00	354.33	80.5	0.00	181.0	0.00	321.0
01:32:00	354.38	80.5	0.00	181.1	0.00	321.0
01:33:00	354.08	80.5	0.00	181.3	0.00	321.0
01:34:00	354.33	80.5	0.00	181.3	0.00	321.0
01:35:00	354.25	80.5	0.00	181.3	0.00	321.0
01:36:00	354.27	80.5	0.00	181.5	0.00	321.0
01:37:00	353.99	80.5	0.00	181.5	0.00	321.0
01:38:00	353.98	80.5	0.00	181.5	0.00	321.0
01:39:00	354.05	80.5	0.00	181.5	0.00	321.0
01:40:00	353.98	80.5	0.00	181.3	0.00	321.0
01:41:00	353.76	80.5	0.00	181.3	0.00	321.0
01:43:00	353.36	80.5	0.00	181.2	0.00	321.0
01:44:00	353.32	80.4	0.00	181.2	0.00	321.0
01:45:00	353.11	80.5	0.00	181.2	0.00	321.0
01:46:00	353.15	80.4	0.00	181.3	0.00	321.0
01:47:00	353.14	80.4	0.00	181.3	0.00	321.0
01:48:00	353.07	80.4	0.00	181.3	0.00	321.0
01:49:00	353.14	80.4	0.00	181.4	0.00	321.0
01:50:00	353.13	80.4	0.00	181.6	0.00	321.0
01:51:00	353.47	80.4	0.00	181.6	0.00	321.0
01:52:00	353.30	80.4	0.00	181.4	0.00	321.0
01:53:00	350.88	80.4	0.00	181.5	0.00	321.0
01:54:00	352.44	80.4	0.00	181.5	0.00	321.0
01:55:00	352.72	80.4	0.00	181.6	0.00	321.0
01:56:00	352.97	80.4	0.00	181.6	0.00	321.0
01:57:00	352.82	80.4	0.00	181.7	0.00	321.0
01:58:00	353.19	80.4	0.00	181.8	0.00	321.0
01:59:00	352.18	80.4	0.00	181.9	0.00	321.0
02:00:00	351.42	80.4	0.00	182.1	0.00	321.0
02:01:00	351.72	80.4	0.00	182.2	0.00	321.0
02:02:00	351.90	80.4	0.00	182.3	0.00	321.0
02:03:00	351.89	80.4	0.00	182.4	0.00	321.0
02:04:00	351.98	80.4	0.00	182.4	0.00	321.0
02:05:00	352.03	80.4	0.00	182.4	0.00	321.0
02:06:00	351.98	80.4	0.00	182.4	0.00	321.0
02:07:00	352.13	80.4	0.00	182.4	0.00	321.0
02:08:00	352.31	80.4	0.00	182.3	0.00	321.0
02:09:00	352.26	80.4	0.00	182.4	0.00	321.0
02:10:00	351.57	80.4	0.00	182.5	0.00	321.0
02:11:00	351.53	80.4	0.00	182.5	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF		
02:12:00	351.73	80.4	0.00	182.4	0.00	321.0
02:13:00	351.19	80.4	0.00	182.2	0.00	321.0
02:14:00	351.35	80.4	0.00	182.1	0.00	321.0
02:15:00	351.02	80.4	0.00	182.0	0.00	321.0
02:16:00	349.72	80.4	0.00	182.0	0.00	321.0
02:17:00	349.18	80.4	0.00	182.0	0.00	321.0
02:18:00	348.35	80.4	0.00	182.1	0.00	321.0
02:19:00	347.60	80.4	0.00	182.2	0.00	321.0
02:20:00	347.29	80.4	0.00	182.3	0.00	321.0
02:22:00	353.09	80.4	0.00	182.4	0.00	321.0
02:24:00	354.28	80.3	0.00	182.5	0.00	321.0
02:25:00	354.81	80.3	0.00	182.4	0.00	321.0
02:26:00	354.96	80.3	0.00	182.4	0.00	321.0
02:27:00	354.78	80.3	0.00	182.4	0.00	321.0
02:28:00	356.16	80.3	0.00	182.3	0.00	321.0
02:29:00	350.10	80.3	0.00	182.4	0.00	321.0
02:30:00	348.09	80.3	0.00	182.4	0.00	321.0
02:31:00	346.45	80.3	0.00	182.4	0.00	321.0
02:32:00	347.17	80.3	0.00	182.5	0.00	321.0
02:33:00	344.77	80.3	0.00	182.6	0.00	321.0
02:34:00	344.82	80.3	0.00	182.6	0.00	321.0
02:35:00	344.66	80.3	0.00	182.7	0.00	321.0
02:36:00	344.67	80.3	0.00	182.8	0.00	321.0
02:37:00	344.95	80.3	0.00	182.7	0.00	321.0
02:38:00	345.38	80.3	0.00	182.7	0.00	321.0
02:39:00	346.00	80.2	0.00	182.7	0.00	321.0
02:41:00	346.46	80.2	0.00	182.6	0.00	321.0
02:42:00	346.43	80.2	0.00	182.5	0.00	321.0
02:43:00	346.42	80.2	0.00	182.4	0.00	321.0
02:45:00	346.54	80.2	0.00	182.4	0.00	321.0
02:46:00	346.59	80.2	0.00	182.4	0.00	321.0
02:47:00	346.42	80.2	0.00	182.3	0.00	321.0
02:49:00	362.29	80.1	0.00	182.2	0.00	321.0
02:50:00	363.74	80.1	0.00	182.1	0.00	321.0
02:51:00	364.11	80.1	0.00	182.4	0.00	321.0
02:52:00	363.74	80.1	0.00	182.7	0.00	321.0
02:53:00	362.62	80.1	0.00	183.0	0.00	321.0
02:54:00	360.22	80.1	0.00	183.1	0.00	321.0
02:56:00	357.58	80.0	0.00	183.2	0.00	321.0
02:57:00	356.78	80.0	0.00	183.2	0.00	321.0
02:58:00	356.22	80.0	0.00	183.0	0.00	321.0
02:59:00	355.39	80.0	0.00	183.0	0.00	321.0
03:00:00	355.41	80.0	0.00	182.9	0.00	321.0
03:01:00	355.24	80.0	0.00	182.8	0.00	321.0
03:02:00	355.43	80.0	0.00	182.8	0.00	321.0
03:03:00	355.38	80.0	0.00	182.7	0.00	321.0
03:04:00	355.10	79.9	0.00	182.6	0.00	321.0
03:05:00	355.03	79.9	0.00	182.7	0.00	321.0
03:06:00	355.08	79.9	0.00	182.8	0.00	321.0
03:07:00	354.89	79.9	0.00	182.8	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
03:08:00	354.99	79.9	0.00	182.8	0.00	321.0
03:09:00	354.73	79.9	0.00	182.8	0.00	321.0
03:10:00	354.80	79.9	0.00	182.7	0.00	321.0
03:11:00	354.62	79.9	0.00	182.7	0.00	321.0
03:12:00	354.70	79.9	0.00	182.7	0.00	321.0
03:13:00	354.47	79.9	0.00	182.7	0.00	321.0
03:14:00	354.41	79.9	0.00	182.8	0.00	321.0
03:15:00	354.58	79.9	0.00	182.7	0.00	321.0
03:16:00	354.35	79.9	0.00	182.7	0.00	321.0
03:17:00	354.21	79.9	0.00	182.8	0.00	321.0
03:22:00	353.75	79.8	0.00	182.8	0.00	321.0
03:23:00	353.04	79.8	0.00	182.8	0.00	321.0
03:24:00	353.17	79.8	0.00	182.8	0.00	321.0
03:25:00	352.90	79.8	0.00	182.8	0.00	321.0
03:26:00	352.81	79.8	0.00	182.7	0.00	321.0
03:27:00	352.47	79.8	0.00	182.7	0.00	321.0
03:28:00	352.78	79.8	0.00	182.7	0.00	321.0
03:29:00	352.07	79.8	0.00	182.7	0.00	321.0
03:30:00	352.12	79.8	0.00	182.7	0.00	321.0
03:31:00	352.11	79.8	0.00	182.6	0.00	321.0
03:32:00	352.11	79.8	0.00	182.5	0.00	321.0
03:33:00	351.85	79.8	0.00	182.5	0.00	321.0
03:34:00	351.92	79.8	0.00	182.5	0.00	321.0
03:35:00	352.24	79.8	0.00	182.5	0.00	321.0
03:36:00	351.96	79.8	0.00	182.5	0.00	321.0
03:37:00	351.69	79.8	0.00	182.5	0.00	321.0
03:38:00	352.03	79.8	0.00	182.5	0.00	321.0
03:39:00	352.11	79.8	0.00	182.4	0.00	321.0
03:40:00	352.21	79.8	0.00	182.3	0.00	321.0
03:41:00	352.27	79.8	0.00	182.2	0.00	321.0
03:42:00	352.30	79.8	0.00	182.0	0.00	321.0
03:44:00	352.29	79.9	0.00	182.0	0.00	321.0
03:45:00	352.24	79.9	0.00	182.0	0.00	321.0
03:46:00	352.11	79.9	0.00	182.0	0.00	321.0
03:47:00	352.29	79.9	0.00	181.9	0.00	321.0
03:48:00	352.22	79.9	0.00	182.0	0.00	321.0
03:49:00	352.29	79.9	0.00	181.9	0.00	321.0
03:50:00	351.78	79.9	0.00	181.8	0.00	321.0
03:51:00	352.07	79.9	0.00	181.7	0.00	321.0
03:53:00	351.92	80.0	0.00	181.3	0.00	321.0
03:54:00	352.10	80.0	0.00	181.5	0.00	321.0
03:55:00	352.02	80.0	0.00	181.6	0.00	321.0
03:56:00	352.05	80.0	0.00	181.8	0.00	321.0
03:57:00	351.79	80.0	0.00	182.1	0.00	321.0
03:58:00	352.00	80.0	0.00	182.2	0.00	321.0
03:59:00	352.02	80.0	0.00	182.2	0.00	321.0
04:00:00	352.06	80.1	0.00	182.3	0.00	321.0
04:01:00	351.81	80.1	0.00	182.2	0.00	321.0
04:02:00	351.99	80.1	0.00	182.2	0.00	321.0
04:03:00	351.89	80.1	0.00	182.0	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
04:04:00	351.66	80.1	0.00	182.0	0.00	321.0
04:05:00	351.81	80.1	0.00	182.1	0.00	321.0
04:06:00	351.84	80.2	0.00	182.1	0.00	321.0
04:08:00	351.76	80.2	0.00	181.9	0.00	321.0
04:09:00	351.53	80.2	0.00	181.9	0.00	321.0
04:10:00	351.64	80.2	0.00	182.0	0.00	321.0
04:11:00	351.57	80.2	0.00	182.1	0.00	321.0
04:12:00	351.47	80.3	0.00	182.1	0.00	321.0
04:13:00	351.58	80.3	0.00	182.2	0.00	321.0
04:14:00	351.73	80.3	0.00	182.3	0.00	321.0
04:15:00	351.47	80.3	0.00	182.6	0.00	321.0
04:16:00	351.53	80.3	0.00	182.7	0.00	321.0
04:17:00	351.60	80.3	0.00	182.8	0.00	321.0
04:18:00	351.46	80.3	0.00	182.8	0.00	321.0
04:20:00	351.40	80.4	0.00	182.5	0.00	321.0
04:21:00	351.53	80.4	0.00	182.3	0.00	321.0
04:22:00	351.45	80.4	0.00	182.4	0.00	321.0
04:23:00	351.49	80.4	0.00	182.5	0.00	321.0
04:24:00	351.66	80.4	0.00	182.5	0.00	321.0
04:25:00	351.56	80.4	0.00	182.4	0.00	321.0
04:26:00	351.72	80.4	0.00	182.5	0.00	321.0
04:29:00	351.99	80.5	0.00	182.4	0.00	321.0
04:30:00	351.96	80.5	0.00	182.4	0.00	321.0
04:31:00	352.39	80.5	0.00	182.5	0.00	321.0
04:32:00	351.99	80.5	0.00	182.6	0.00	321.0
04:33:00	352.26	80.5	0.00	182.8	0.00	321.0
04:34:00	352.39	80.5	0.00	182.7	0.00	321.0
04:35:00	352.50	80.5	0.00	182.4	0.00	321.0
04:38:00	352.65	80.6	0.00	181.8	0.00	321.0
04:39:00	352.68	80.6	0.00	182.0	0.00	321.0
04:40:00	353.05	80.6	0.00	182.2	0.00	321.0
04:41:00	353.17	80.6	0.00	182.3	0.00	321.0
04:42:00	353.12	80.6	0.00	182.6	0.00	321.0
04:43:00	353.29	80.6	0.00	182.7	0.00	321.0
04:44:00	353.00	80.6	0.00	182.9	0.00	321.0
04:45:00	353.02	80.6	0.00	183.1	0.00	321.0
04:46:00	352.74	80.6	0.00	183.3	0.00	321.0
04:47:00	353.01	80.6	0.00	183.4	0.00	321.0
04:48:00	352.89	80.6	0.00	183.5	0.00	321.0
04:49:00	352.97	80.6	0.00	183.5	0.00	321.0
04:50:00	352.95	80.6	0.00	183.4	0.00	321.0
04:51:00	352.58	80.6	0.00	183.3	0.00	321.0
04:54:00	352.74	80.7	0.00	183.0	0.00	321.0
04:55:00	352.69	80.7	0.00	182.9	0.00	321.0
04:56:00	352.67	80.7	0.00	182.9	0.00	321.0
04:57:00	352.37	80.7	0.00	182.7	0.00	321.0
04:58:00	352.17	80.7	0.00	182.5	0.00	321.0
04:59:00	351.84	80.7	0.00	182.6	0.00	321.0
05:00:00	351.79	80.7	0.00	182.5	0.00	321.0
05:02:00	351.49	80.7	0.00	182.5	0.00	321.0

Date	PANEX		PANEX			
06/24/91	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
05:03:00	351.40	80.7	0.00	182.6	0.00	321.0
05:05:00	351.31	80.8	0.00	182.3	0.00	321.0
05:06:00	351.22	80.8	0.00	182.4	0.00	321.0
05:07:00	351.13	80.8	0.00	182.7	0.00	321.0
05:08:00	350.95	80.8	0.00	182.8	0.00	321.0
05:09:00	350.97	80.8	0.00	182.6	0.00	321.0
05:10:00	350.79	80.8	0.00	182.3	0.00	321.0
05:11:00	350.57	80.8	0.00	182.1	0.00	321.0
05:12:00	350.66	80.8	0.00	182.2	0.00	321.0
05:13:00	350.73	80.8	0.00	182.4	0.00	321.0
05:14:00	350.84	80.8	0.00	182.5	0.00	321.0
05:15:00	350.95	80.8	0.00	182.6	0.00	321.0
05:16:00	350.89	80.8	0.00	182.6	0.00	321.0
05:18:00	351.08	80.9	0.00	182.4	0.00	321.0
05:20:00	351.08	80.9	0.00	182.5	0.00	321.0
05:21:00	351.26	80.9	0.00	182.6	0.00	321.0
05:22:00	350.97	80.9	0.00	182.6	0.00	321.0
05:23:00	351.33	80.9	0.00	182.7	0.00	321.0
05:24:00	351.40	80.9	0.00	182.6	0.00	321.0
05:25:00	351.33	80.9	0.00	182.4	0.00	321.0
05:26:00	351.45	80.9	0.00	182.3	0.00	321.0
05:27:00	351.41	80.9	0.00	182.2	0.00	321.0
05:28:00	351.43	81.0	0.00	182.1	0.00	321.0
05:30:00	351.49	81.0	0.00	182.2	0.00	321.0
05:31:00	351.30	81.0	0.00	182.2	0.00	321.0
05:32:00	351.41	81.0	0.00	182.4	0.00	321.0
05:33:00	351.27	81.0	0.00	182.7	0.00	321.0
05:34:00	351.36	81.0	0.00	182.9	0.00	321.0
05:35:00	351.49	81.0	0.00	183.0	0.00	321.0
05:36:00	351.18	81.0	0.00	183.1	0.00	321.0
05:37:00	351.16	81.0	0.00	183.0	0.00	321.0
05:38:00	351.00	81.1	0.00	183.0	0.00	321.0
05:39:00	351.33	81.1	0.00	183.0	0.00	321.0
05:40:00	351.24	81.1	0.00	183.0	0.00	321.0
05:41:00	351.13	81.1	0.00	182.9	0.00	321.0
05:42:00	351.10	81.1	0.00	182.7	0.00	321.0
05:43:00	351.01	81.1	0.00	182.7	0.00	321.0
05:44:00	351.01	81.1	0.00	182.7	0.00	321.0
05:46:00	351.00	81.2	0.00	182.4	0.00	321.0
05:47:00	350.82	81.2	0.00	182.5	0.00	321.0
05:48:00	350.72	81.2	0.00	182.8	0.00	321.0
05:49:00	350.83	81.2	0.00	183.0	0.00	321.0
05:50:00	350.96	81.2	0.00	183.2	0.00	321.0
05:51:00	350.80	81.2	0.00	183.3	0.00	321.0
05:52:00	350.88	81.2	0.00	183.6	0.00	321.0
05:53:00	350.57	81.2	0.00	183.6	0.00	321.0
05:54:00	350.56	81.2	0.00	183.7	0.00	321.0
05:55:00	350.69	81.2	0.00	183.7	0.00	321.0
05:56:00	350.51	81.2	0.00	183.4	0.00	321.0
05:57:00	350.40	81.2	0.00	183.1	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
05:58:00	350.43	81.2	0.00	183.0	0.00	321.0
06:01:00	350.14	81.3	0.00	183.2	0.00	321.0
06:02:00	350.30	81.3	0.00	183.3	0.00	321.0
06:04:00	350.28	81.3	0.00	183.5	0.00	321.0
06:05:00	350.21	81.3	0.00	183.7	0.00	321.0
06:06:00	350.06	81.3	0.00	183.6	0.00	321.0
06:07:00	349.90	81.3	0.00	183.7	0.00	321.0
06:08:00	350.17	81.3	0.00	183.8	0.00	321.0
06:09:00	350.57	81.3	0.00	183.6	0.00	321.0
06:10:00	350.69	81.3	0.00	183.4	0.00	321.0
06:11:00	351.48	81.3	0.00	183.0	0.00	321.0
06:12:00	351.64	81.3	0.00	182.8	0.00	321.0
06:13:00	351.59	81.3	0.00	182.7	0.00	321.0
06:14:00	351.73	81.3	0.00	182.5	0.00	321.0
06:15:00	351.90	81.3	0.00	182.5	0.00	321.0
06:16:00	352.11	81.3	0.00	182.6	0.00	321.0
06:17:00	351.99	81.3	0.00	182.5	0.00	321.0
06:18:00	352.00	81.3	0.00	182.5	0.00	321.0
06:19:00	351.64	81.4	0.00	182.7	0.00	321.0
06:29:10	349.92	81.4	0.00	169.1	0.00	321.0
06:30:00	349.85	81.4	0.00	168.6	0.00	321.0
06:32:00	349.71	81.4	0.00	168.2	0.00	321.0
06:33:00	349.73	81.4	0.00	168.8	0.00	321.0
06:35:00	349.83	81.4	0.00	170.5	0.00	321.0
06:36:00	349.88	81.4	0.00	171.2	0.00	321.0
06:37:00	349.93	81.4	0.00	171.3	0.00	321.0
06:38:00	349.98	81.4	0.00	171.5	0.00	321.0
06:39:00	350.05	81.4	0.00	172.1	0.00	321.0
06:40:00	350.12	81.4	0.00	172.3	0.00	321.0
06:42:00	350.20	81.4	0.00	171.9	0.00	321.0
06:43:00	350.28	81.4	0.00	172.1	0.00	321.0
06:44:00	350.39	81.4	0.00	173.0	0.00	321.0
06:45:00	350.49	81.4	0.00	174.1	0.00	321.0
06:46:00	350.60	81.4	0.00	175.4	0.00	321.0
06:48:00	350.69	81.4	0.00	177.7	0.00	321.0
06:49:00	350.64	81.4	0.00	178.3	0.00	321.0
06:52:00	350.41	81.4	0.00	179.4	0.00	321.0
06:53:00	350.41	81.4	0.00	179.8	0.00	321.0
06:54:00	350.41	81.4	0.00	179.9	0.00	321.0
06:56:00	350.35	81.3	0.00	180.4	0.00	321.0
06:57:00	350.32	81.3	0.00	180.7	0.00	321.0
06:58:00	350.33	81.3	0.00	181.0	0.00	321.0
06:59:00	350.46	81.3	0.00	181.5	0.00	321.0
07:01:00	350.59	81.3	0.00	181.7	0.00	321.0
07:02:00	350.54	81.3	0.00	181.8	0.00	321.0
07:03:00	350.43	81.3	0.00	182.1	0.00	321.0
07:06:00	350.06	81.2	0.00	182.8	0.00	321.0
07:07:00	349.96	81.2	0.00	182.7	0.00	321.0
07:08:00	349.90	81.2	0.00	182.8	0.00	321.0
07:09:00	349.84	81.2	0.00	182.9	0.00	321.0

Date 06/24/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.
07:10:00	349.80	81.2	0.00	182.9	0.00	321.0
07:11:00	349.76	81.2	0.00	182.9	0.00	321.0
07:13:00	349.67	81.1	0.00	183.1	0.00	321.0
07:16:00	349.63	81.2	0.00	183.1	0.00	321.0
07:17:00	349.58	81.2	0.00	183.2	0.00	321.0
07:18:00	349.52	81.1	0.00	183.1	0.00	321.0
07:19:00	349.51	81.1	0.00	182.9	0.00	321.0
07:23:00	349.45	81.1	0.00	181.9	0.00	321.0
07:24:00	349.40	81.1	0.00	181.9	0.00	321.0
07:25:00	349.34	81.1	0.00	182.0	0.00	321.0
07:29:00	349.17	81.0	0.00	182.6	0.00	321.0
07:30:00	349.12	81.0	0.00	182.7	0.00	321.0
07:31:00	349.02	81.0	0.00	182.9	0.00	321.0
07:33:00	348.87	81.0	0.00	183.1	0.00	321.0
07:34:00	348.82	81.0	0.00	183.2	0.00	321.0
07:35:00	348.78	81.0	0.00	183.2	0.00	321.0
07:36:00	348.71	81.0	0.00	183.2	0.00	321.0
07:38:00	348.61	81.0	0.00	182.9	0.00	321.0
07:39:00	348.59	81.0	0.00	182.9	0.00	321.0
07:40:00	348.58	81.0	0.00	183.3	0.00	321.0
07:41:00	348.52	81.0	0.00	183.4	0.00	321.0
07:42:00	348.42	81.0	0.00	183.3	0.00	321.0
07:43:00	348.29	81.0	0.00	183.3	0.00	321.0
07:45:00	348.10	81.0	0.00	183.4	0.00	321.0
07:46:00	347.99	81.0	0.00	183.4	0.00	321.0
07:47:00	347.92	81.0	0.00	183.2	0.00	321.0
07:48:00	347.81	81.0	0.00	182.9	0.00	321.0
07:49:00	347.70	81.0	0.00	182.7	0.00	321.0
07:52:00	347.37	81.0	0.00	182.9	0.00	321.0
07:53:00	347.21	81.0	0.00	183.0	0.00	321.0
07:54:00	347.11	81.0	0.00	183.2	0.00	321.0
07:55:00	346.94	81.1	0.00	183.3	0.00	321.0
07:57:00	346.57	81.1	0.00	183.1	0.00	321.0
07:58:00	346.44	81.1	0.00	183.0	0.00	321.0
07:59:00	346.31	81.1	0.00	183.0	0.00	321.0
08:00:00	346.12	81.1	0.00	183.1	0.00	321.0
08:01:00	345.96	81.1	0.00	183.3	0.00	321.0
08:02:00	345.80	81.1	0.00	183.4	0.00	321.0
08:04:00	345.54	81.2	0.00	183.7	0.00	321.0
08:07:00	345.59	81.3	0.00	183.9	0.00	321.0
08:09:00	345.81	81.3	0.00	183.8	0.00	321.0
08:11:00	345.96	81.4	0.00	183.9	0.00	321.0
08:12:00	345.97	81.4	0.00	184.0	0.00	321.0
08:13:00	346.01	81.4	0.00	184.1	0.00	321.0
08:14:00	346.03	81.4	0.00	184.2	0.00	321.0
08:15:00	346.04	81.5	0.00	184.4	0.00	321.0
08:17:00	346.02	81.6	0.00	184.5	0.00	321.0
08:19:00	346.02	81.7	0.00	184.3	0.00	321.0
08:20:00	345.99	81.7	0.00	184.1	0.00	321.0
08:21:00	345.93	81.8	0.00	184.0	0.00	321.0

Date	- PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
08:23:00	345.83	81.9	0.00	184.0	0.00	321.0
08:24:00	345.79	82.0	0.00	184.2	0.00	321.0
08:25:00	345.67	82.1	0.00	184.1	0.00	321.0
08:26:00	345.60	82.1	0.00	183.9	0.00	321.0
08:27:00	345.54	82.2	0.00	184.0	0.00	321.0
08:28:00	345.41	82.3	0.00	184.3	0.00	321.0
08:29:00	345.37	82.4	0.00	184.5	0.00	321.0
08:30:00	345.34	82.5	0.00	184.6	0.00	321.0
08:33:00	345.47	82.8	0.00	185.0	0.00	321.0
08:35:00	345.80	83.1	0.00	184.9	0.00	321.0
08:37:00	346.04	83.4	0.00	184.7	0.00	321.0
08:38:00	346.07	83.5	0.00	184.6	0.00	321.0
08:39:00	346.06	83.7	0.00	184.5	0.00	321.0
08:40:00	346.00	83.8	0.00	184.7	0.00	321.0
08:42:00	345.97	84.1	0.00	184.6	0.00	321.0
08:43:00	345.94	84.3	0.00	184.4	0.00	321.0
08:44:00	345.86	84.5	0.00	184.0	0.00	321.0
08:45:00	345.79	84.6	0.00	183.8	0.00	321.0
08:46:00	345.74	84.8	0.00	183.6	0.00	321.0
08:50:00	345.46	85.5	0.00	183.9	0.00	321.0
08:50:25	345.43	85.5	0.00	183.8	0.00	321.0
08:54:00	345.25	86.1	0.00	182.9	0.00	321.0
08:55:00	345.21	86.2	0.00	183.1	0.00	321.0
08:56:00	345.19	86.2	0.00	183.5	0.00	321.0
08:57:00	345.17	86.3	0.00	183.6	0.00	321.0
08:58:00	345.17	86.6	0.00	183.7	0.00	321.0
09:00:00	345.14	86.8	0.00	183.8	0.00	321.0
09:01:00	345.11	86.9	0.00	184.0	0.00	321.0
09:02:00	345.12	87.1	0.00	184.1	0.00	321.0
09:03:00	345.09	87.1	0.00	183.9	0.00	321.0
09:08:00	344.91	87.7	0.00	183.1	0.00	321.0
09:09:00	344.90	87.8	0.00	182.9	0.00	321.0
09:11:00	344.86	88.0	0.00	182.6	0.00	321.0
09:13:00	344.78	88.2	0.00	182.4	0.00	321.0
09:15:00	344.79	88.4	0.00	182.5	0.00	321.0
09:16:00	344.73	88.5	0.00	182.6	0.00	321.0
09:17:00	344.71	88.7	0.00	182.6	0.00	321.0
09:18:00	344.70	88.7	0.00	182.7	0.00	321.0
09:20:00	344.66	88.9	0.00	183.0	0.00	321.0
09:21:00	344.65	89.0	0.00	183.0	0.00	321.0
09:22:00	344.62	89.1	0.00	183.1	0.00	321.0
09:23:00	344.58	89.2	0.00	183.2	0.00	321.0
09:24:00	344.50	89.3	0.00	183.1	0.00	321.0
09:26:00	344.41	89.6	0.00	183.2	0.00	321.0
09:27:00	344.31	89.7	0.00	183.3	0.00	321.0
09:29:00	344.07	90.0	0.00	182.8	0.00	321.0
09:30:00	344.12	90.1	0.00	182.8	0.00	321.0
09:32:00	344.28	90.4	0.00	182.8	0.00	321.0
09:33:00	344.42	90.5	0.00	182.9	0.00	321.0
09:36:00	344.28	90.9	0.00	183.5	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
09:37:00	344.25	91.1	0.00	183.4	0.00	321.0
09:38:00	344.10	91.2	0.00	183.2	0.00	321.0
09:39:00	343.94	91.4	0.00	183.2	0.00	321.0
09:41:00	343.92	91.7	0.00	183.4	0.00	321.0
09:43:00	343.86	91.9	0.00	183.5	0.00	321.0
09:44:00	343.44	92.1	0.00	183.5	0.00	321.0
09:46:00	343.46	92.3	0.00	183.5	0.00	321.0
09:47:00	343.78	92.5	0.00	183.5	0.00	321.0
09:48:00	343.56	92.7	0.00	183.5	0.00	321.0
09:49:00	343.80	92.7	0.00	183.5	0.00	321.0
09:51:00	343.33	93.1	0.00	183.7	0.00	321.0
09:52:00	343.50	93.1	0.00	183.5	0.00	321.0
09:53:00	343.35	93.3	0.00	183.2	0.00	321.0
09:54:00	343.33	93.4	0.00	183.3	0.00	321.0
09:55:00	343.24	93.6	0.00	183.4	0.00	321.0
09:57:00	343.05	93.8	0.00	183.9	0.00	321.0
10:00:00	343.28	94.2	0.00	184.6	0.00	321.0
10:01:00	343.35	94.3	0.00	184.7	0.00	321.0
10:02:00	343.49	94.4	0.00	184.7	0.00	321.0
10:03:00	343.29	94.4	0.00	184.6	0.00	321.0
10:04:00	343.11	94.5	0.00	184.3	0.00	321.0
10:05:00	343.15	94.6	0.00	184.1	0.00	321.0
10:09:00	343.27	95.1	0.00	184.1	0.00	321.0
10:10:00	342.80	95.2	0.00	184.0	0.00	321.0
10:11:00	342.84	95.4	0.00	184.0	0.00	321.0
10:12:00	343.19	95.4	0.00	184.1	0.00	321.0
10:13:00	343.84	95.5	0.00	184.2	0.00	321.0
10:14:00	343.98	95.6	0.00	184.2	0.00	321.0
10:15:00	344.10	95.7	0.00	184.2	0.00	321.0
10:17:00	343.83	95.8	0.00	184.6	0.00	321.0
10:20:00	343.62	96.1	0.00	184.6	0.00	321.0
10:23:00	343.54	96.4	0.00	185.0	0.00	321.0
10:24:00	343.53	96.5	0.00	185.0	0.00	321.0
10:28:00	343.45	97.0	0.00	184.5	0.00	321.0
10:29:00	343.21	97.1	0.00	184.5	0.00	321.0
10:31:00	343.20	97.3	0.00	184.4	0.00	321.0
10:32:00	343.05	97.5	0.00	184.4	0.00	321.0
10:34:00	343.04	97.7	0.00	184.5	0.00	321.0
10:35:00	342.94	97.8	0.00	184.6	0.00	321.0
10:36:00	342.79	97.9	0.00	184.7	0.00	321.0
10:37:00	342.12	98.0	0.00	184.6	0.00	321.0
10:38:00	342.35	98.2	0.00	184.5	0.00	321.0
10:39:00	342.58	98.2	0.00	184.4	0.00	321.0
10:40:00	342.69	98.3	0.00	184.3	0.00	321.0
10:42:00	343.26	98.5	0.00	184.2	0.00	321.0
10:43:00	343.23	98.6	0.00	184.0	0.00	321.0
10:44:00	343.37	98.7	0.00	184.0	0.00	321.0
10:45:00	343.32	98.8	0.00	183.9	0.00	321.0
10:46:00	343.42	98.9	0.00	183.7	0.00	321.0
10:47:00	343.78	99.0	0.00	183.7	0.00	321.0

Date 06/24/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.
10:48:00	343.31	99.0	0.00	184.0	0.00	321.0
10:52:00	343.41	99.3	0.00	184.3	0.00	321.0
10:53:00	343.29	99.4	0.00	184.5	0.00	321.0
10:55:00	343.76	99.5	0.00	185.0	0.00	321.0
10:57:00	344.01	99.7	0.00	185.2	0.00	321.0
10:58:00	344.23	99.8	0.00	185.2	0.00	321.0
11:00:00	344.23	99.9	0.00	185.2	0.00	321.0
11:01:00	344.15	100.1	0.00	185.0	0.00	321.0
11:02:00	344.17	100.2	0.00	184.8	0.00	321.0
11:03:00	344.02	100.3	0.00	184.9	0.00	321.0
11:06:00	344.02	100.7	0.00	185.4	0.00	321.0
11:08:00	343.84	100.9	0.00	185.2	0.00	321.0
11:09:00	343.98	101.1	0.00	185.1	0.00	321.0
11:10:00	344.01	101.2	0.00	185.0	0.00	321.0
11:11:00	343.75	101.3	0.00	184.9	0.00	321.0
11:13:00	343.53	101.6	0.00	185.1	0.00	321.0
11:15:00	343.57	101.9	0.00	184.6	0.00	321.0
11:17:00	343.75	102.1	0.00	184.7	0.00	321.0
11:18:00	343.69	102.4	0.00	184.7	0.00	321.0
11:20:00	343.61	102.5	0.00	185.0	0.00	321.0
11:25:00	343.63	103.0	0.00	185.1	0.00	321.0
11:26:00	343.25	103.1	0.00	184.8	0.00	321.0
11:29:00	343.41	103.5	0.00	183.9	0.00	321.0
11:30:00	343.52	103.6	0.00	183.8	0.00	321.0
11:31:00	343.78	103.7	0.00	183.9	0.00	321.0
11:32:00	343.73	103.7	0.00	184.1	0.00	321.0
11:34:00	343.69	103.8	0.00	184.1	0.00	321.0
11:35:00	343.76	103.8	0.00	184.1	0.00	321.0
11:36:00	343.99	103.9	0.00	184.3	0.00	321.0
11:37:00	344.01	104.0	0.00	184.3	0.00	321.0
11:38:00	344.18	103.9	0.00	184.4	0.00	321.0
11:40:00	343.94	104.1	0.00	184.3	0.00	321.0
11:41:00	344.00	104.1	0.00	184.3	0.00	321.0
11:42:00	343.88	104.1	0.00	184.3	0.00	321.0
11:44:00	343.68	104.1	0.00	184.4	0.00	321.0
11:46:00	344.08	104.0	0.00	184.4	0.00	321.0
11:47:00	344.20	104.0	0.00	184.3	0.00	321.0
11:49:00	344.08	104.0	0.00	184.5	0.00	321.0
11:50:00	343.94	103.9	0.00	184.8	0.00	321.0
11:51:00	343.60	103.9	0.00	184.9	0.00	321.0
11:52:00	343.64	103.8	0.00	184.8	0.00	321.0
11:55:00	343.65	103.8	0.00	184.6	0.00	321.0
11:57:00	343.37	103.7	0.00	185.0	0.00	321.0
12:03:00	342.93	103.3	0.00	184.8	0.00	321.0
12:04:00	342.99	103.3	0.00	184.9	0.00	321.0
12:05:00	343.07	103.3	0.00	184.9	0.00	321.0
12:07:00	343.05	103.2	0.00	185.1	0.00	321.0
12:08:00	342.78	103.2	0.00	185.2	0.00	321.0
12:13:00	342.41	103.1	0.00	184.3	0.00	321.0
12:14:00	342.36	103.1	0.00	184.3	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
12:15:00	342.29	103.1	0.00	184.4	0.00	321.0
12:16:00	342.20	103.1	0.00	184.6	0.00	321.0
12:20:00	342.17	103.1	0.00	184.9	0.00	321.0
12:21:00	342.21	103.1	0.00	185.1	0.00	321.0
12:22:00	342.07	103.1	0.00	185.1	0.00	321.0
12:23:00	341.79	103.2	0.00	185.1	0.00	321.0
12:27:00	342.00	103.2	0.00	185.2	0.00	321.0
12:28:00	342.08	103.3	0.00	185.2	0.00	321.0
12:32:00	342.34	103.6	0.00	185.5	0.00	321.0
12:33:00	342.08	103.6	0.00	185.5	0.00	321.0
12:34:00	341.93	103.7	0.00	185.3	0.00	321.0
12:35:00	341.92	103.8	0.00	185.2	0.00	321.0
12:36:00	341.67	103.8	0.00	185.3	0.00	321.0
12:37:00	341.87	104.0	0.00	185.1	0.00	321.0
12:38:00	341.96	104.1	0.00	185.0	0.00	321.0
12:40:00	341.84	104.3	0.00	185.0	0.00	321.0
12:41:00	342.01	104.4	0.00	185.4	0.00	321.0
12:43:00	341.66	104.7	0.00	185.6	0.00	321.0
12:44:00	341.69	104.8	0.00	185.5	0.00	321.0
12:45:00	341.67	105.0	0.00	185.6	0.00	321.0
12:46:00	341.47	105.2	0.00	185.6	0.00	321.0
12:47:00	341.55	105.3	0.00	185.5	0.00	321.0
12:48:00	341.40	105.5	0.00	185.4	0.00	321.0
12:49:00	341.53	105.6	0.00	185.5	0.00	321.0
12:50:00	341.23	105.9	0.00	185.4	0.00	321.0
12:52:00	341.02	106.2	0.00	185.2	0.00	321.0
12:53:00	341.07	106.4	0.00	185.1	0.00	321.0
12:54:00	341.33	106.5	0.00	185.2	0.00	321.0
12:56:00	341.70	106.9	0.00	185.1	0.00	321.0
12:57:00	342.09	107.0	0.00	185.3	0.00	321.0
12:59:00	342.23	107.3	0.00	185.3	0.00	321.0
13:00:00	342.35	107.4	0.00	185.0	0.00	321.0
13:03:00	342.66	107.8	0.00	184.7	0.00	321.0
13:04:00	342.75	107.9	0.00	184.5	0.00	321.0
13:05:00	342.84	108.0	0.00	184.4	0.00	321.0
13:06:00	342.91	108.1	0.00	184.3	0.00	321.0
13:07:00	342.98	108.2	0.00	184.2	0.00	321.0
13:10:00	343.21	108.4	0.00	184.1	0.00	321.0
13:12:00	343.38	108.5	0.00	184.1	0.00	321.0
13:13:00	343.46	108.5	0.00	184.0	0.00	321.0
13:15:00	343.60	108.6	0.00	183.9	0.00	321.0
13:16:00	343.62	108.7	0.00	184.1	0.00	321.0
13:17:00	343.62	108.7	0.00	184.0	0.00	321.0
13:18:00	343.65	108.8	0.00	184.1	0.00	321.0
13:20:00	343.74	108.9	0.00	184.4	0.00	321.0
13:23:00	343.78	109.0	0.00	183.6	0.00	321.0
13:24:00	343.83	109.1	0.00	183.7	0.00	321.0
13:25:00	343.90	109.1	0.00	183.8	0.00	321.0
13:26:00	343.97	109.1	0.00	184.1	0.00	321.0
13:27:00	344.01	109.2	0.00	184.1	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF	.	.
13:29:00	344.16	109.2	0.00	184.1	0.00	321.0
13:30:00	344.16	109.2	0.00	184.2	0.00	321.0
13:32:00	344.14	109.3	0.00	184.7	0.00	321.0
13:33:00	344.12	109.3	0.00	185.0	0.00	321.0
13:34:00	344.08	109.3	0.00	185.0	0.00	321.0
13:36:00	344.04	109.3	0.00	184.0	0.00	321.0
13:37:00	344.01	109.3	0.00	183.6	0.00	321.0
13:38:00	344.00	109.3	0.00	183.5	0.00	321.0
13:39:00	344.04	109.3	0.00	183.6	0.00	321.0
13:40:00	344.04	109.3	0.00	183.8	0.00	321.0
13:42:00	344.16	109.2	0.00	184.2	0.00	321.0
13:43:00	344.19	109.2	0.00	184.3	0.00	321.0
13:44:00	344.24	109.1	0.00	184.2	0.00	321.0
13:45:00	344.30	109.1	0.00	184.0	0.00	321.0
13:47:00	344.42	109.0	0.00	184.0	0.00	321.0
13:48:00	344.45	109.0	0.00	183.9	0.00	321.0
13:49:00	344.51	109.0	0.00	184.0	0.00	321.0
13:50:00	344.50	108.9	0.00	184.0	0.00	321.0
13:53:00	344.45	108.8	0.00	184.1	0.00	321.0
13:54:00	344.42	108.7	0.00	184.2	0.00	321.0
13:55:00	344.44	108.7	0.00	184.3	0.00	321.0
13:56:00	344.40	108.7	0.00	184.3	0.00	321.0
13:57:00	344.35	108.6	0.00	184.2	0.00	321.0
13:58:00	344.37	108.6	0.00	184.0	0.00	321.0
13:59:00	344.36	108.5	0.00	183.9	0.00	321.0
14:01:00	344.27	108.5	0.00	184.1	0.00	321.0
14:03:00	344.31	108.4	0.00	184.4	0.00	321.0
14:04:00	344.28	108.4	0.00	184.5	0.00	321.0
14:05:00	344.25	108.4	0.00	184.6	0.00	321.0
14:06:00	344.20	108.4	0.00	184.8	0.00	321.0
14:07:00	344.20	108.3	0.00	184.9	0.00	321.0
14:08:00	344.15	108.3	0.00	184.8	0.00	321.0
14:09:00	344.11	108.3	0.00	184.6	0.00	321.0
14:10:00	344.08	108.3	0.00	184.6	0.00	321.0
14:11:00	344.04	108.3	0.00	184.8	0.00	321.0
14:12:00	344.05	108.3	0.00	184.7	0.00	321.0
14:13:00	343.98	108.4	0.00	184.6	0.00	321.0
14:14:00	343.90	108.4	0.00	184.6	0.00	321.0
14:15:00	343.84	108.4	0.00	184.5	0.00	321.0
14:17:00	343.55	108.5	0.00	184.5	0.00	321.0
14:18:00	343.47	108.6	0.00	184.6	0.00	321.0
14:19:00	343.40	108.6	0.00	184.8	0.00	321.0
14:20:00	343.29	108.7	0.00	185.2	0.00	321.0
14:21:00	343.20	108.8	0.00	185.4	0.00	321.0
14:22:00	343.10	108.8	0.00	185.5	0.00	321.0
14:23:00	343.03	108.9	0.00	185.3	0.00	321.0
14:24:00	343.02	109.0	0.00	185.4	0.00	321.0
14:26:00	342.76	109.2	0.00	185.0	0.00	321.0
14:27:00	342.63	109.3	0.00	185.1	0.00	321.0
14:29:00	342.26	109.5	0.00	184.9	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
14:30:00	342.08	109.6	0.00	184.7	0.00	321.0
14:32:00	341.90	109.8	0.00	185.2	0.00	321.0
14:33:00	341.77	109.9	0.00	185.4	0.00	321.0
14:34:00	341.64	110.0	0.00	185.4	0.00	321.0
14:35:00	341.53	110.2	0.00	185.5	0.00	321.0
14:36:00	341.42	110.3	0.00	185.6	0.00	321.0
14:37:00	341.30	110.5	0.00	185.5	0.00	321.0
14:38:00	341.25	110.6	0.00	185.5	0.00	321.0
14:41:00	341.35	111.1	0.00	185.2	0.00	321.0
14:42:00	341.40	111.3	0.00	184.9	0.00	321.0
14:43:00	341.41	111.4	0.00	184.7	0.00	321.0
14:44:00	341.39	111.5	0.00	184.6	0.00	321.0
14:46:00	341.38	111.7	0.00	184.8	0.00	321.0
14:47:00	341.42	111.9	0.00	185.0	0.00	321.0
14:48:00	341.45	112.0	0.00	185.2	0.00	321.0
14:49:00	341.44	112.2	0.00	185.5	0.00	321.0
14:50:00	341.44	112.3	0.00	185.4	0.00	321.0
14:51:00	341.43	112.4	0.00	185.3	0.00	321.0
14:52:00	341.43	112.6	0.00	185.1	0.00	321.0
14:54:00	341.42	112.8	0.00	184.2	0.00	321.0
14:55:00	341.42	112.9	0.00	184.0	0.00	321.0
14:56:00	341.36	113.1	0.00	184.1	0.00	321.0
14:57:00	341.37	113.2	0.00	184.5	0.00	321.0
14:58:00	341.46	113.2	0.00	184.9	0.00	321.0
14:59:00	341.51	113.3	0.00	185.1	0.00	321.0
15:00:00	341.54	113.4	0.00	185.2	0.00	321.0
15:01:00	341.59	113.5	0.00	184.9	0.00	321.0
15:03:00	341.77	113.6	0.00	184.4	0.00	321.0
15:04:00	341.81	113.7	0.00	184.4	0.00	321.0
15:05:00	341.89	113.7	0.00	184.5	0.00	321.0
15:07:00	342.08	113.8	0.00	184.8	0.00	321.0
15:09:00	342.15	113.9	0.00	184.7	0.00	321.0
15:10:00	342.17	113.9	0.00	184.6	0.00	321.0
15:11:00	342.16	114.0	0.00	184.7	0.00	321.0
15:12:00	342.15	114.0	0.00	184.8	0.00	321.0
15:15:00	342.44	114.1	0.00	184.8	0.00	321.0
15:16:00	342.60	114.1	0.00	184.7	0.00	321.0
15:17:00	342.62	114.2	0.00	184.8	0.00	321.0
15:18:00	342.59	114.2	0.00	184.6	0.00	321.0
15:20:00	342.68	114.3	0.00	184.4	0.00	321.0
15:21:00	342.75	114.4	0.00	184.2	0.00	321.0
15:23:00	342.73	114.5	0.00	184.2	0.00	321.0
15:24:00	342.75	114.6	0.00	184.2	0.00	321.0
15:26:00	342.79	114.7	0.00	184.4	0.00	321.0
15:28:00	342.87	114.8	0.00	184.2	0.00	321.0
15:29:00	342.86	114.9	0.00	184.3	0.00	321.0
15:35:00	343.61	115.1	0.00	185.1	0.00	321.0
15:37:00	343.54	115.3	0.00	185.7	0.00	321.0
15:39:00	343.57	115.6	0.00	185.9	0.00	321.0
15:41:00	343.41	115.8	0.00	185.8	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF		
15:42:00	343.42	116.0	0.00	185.9	0.00	321.0
15:43:00	343.27	116.1	0.00	186.0	0.00	321.0
15:44:00	343.24	116.3	0.00	186.0	0.00	321.0
15:45:00	343.20	116.5	0.00	185.8	0.00	321.0
15:48:00	343.23	116.9	0.00	184.8	0.00	321.0
15:49:00	343.30	117.0	0.00	184.4	0.00	321.0
15:50:00	343.50	117.1	0.00	184.3	0.00	321.0
15:51:00	343.67	117.1	0.00	184.5	0.00	321.0
15:52:00	343.83	117.1	0.00	184.8	0.00	321.0
15:56:00	344.47	117.0	0.00	185.4	0.00	321.0
15:59:00	344.74	116.8	0.00	185.4	0.00	321.0
16:00:00	344.77	116.7	0.00	185.4	0.00	321.0
16:01:00	344.70	116.6	0.00	185.3	0.00	321.0
16:02:00	344.69	116.5	0.00	185.1	0.00	321.0
16:03:00	344.60	116.4	0.00	184.9	0.00	321.0
16:04:00	344.57	116.3	0.00	184.9	0.00	321.0
16:05:00	344.57	116.1	0.00	185.0	0.00	321.0
16:06:00	344.64	116.0	0.00	185.0	0.00	321.0
16:07:00	344.66	115.8	0.00	184.9	0.00	321.0
16:09:00	344.78	115.5	0.00	184.9	0.00	321.0
16:10:00	344.84	115.4	0.00	184.9	0.00	321.0
16:12:00	344.95	115.0	0.00	184.8	0.00	321.0
16:13:00	344.96	114.9	0.00	184.8	0.00	321.0
16:15:00	344.97	114.5	0.00	184.7	0.00	321.0
16:17:00	345.05	114.2	0.00	184.5	0.00	321.0
16:18:00	345.04	114.0	0.00	184.3	0.00	321.0
16:19:00	345.03	113.8	0.00	183.8	0.00	321.0
16:20:00	345.02	113.6	0.00	182.8	0.00	321.0
16:21:00	344.98	113.4	0.00	182.0	0.00	321.0
16:22:00	344.98	113.2	0.00	180.9	0.00	321.0
16:23:00	344.92	113.0	0.00	180.3	0.00	321.0
16:25:00	344.88	112.6	0.00	180.4	0.00	321.0
16:26:00	344.85	112.4	0.00	180.4	0.00	321.0
16:27:00	344.79	112.1	0.00	180.5	0.00	321.0
16:28:00	344.74	111.9	0.00	180.2	0.00	321.0
16:29:00	344.63	111.6	0.00	179.3	0.00	321.0
16:30:00	344.51	111.4	0.00	178.0	0.00	321.0
16:34:00	343.34	110.4	0.00	164.9	0.00	321.0
16:35:00	343.14	110.2	0.00	164.2	0.00	321.0
16:36:00	342.98	109.9	0.00	164.3	0.00	321.0
16:38:00	342.76	109.4	0.00	165.4	0.00	321.0
16:39:00	342.75	109.1	0.00	166.2	0.00	321.0
16:40:00	342.80	108.8	0.00	166.9	0.00	321.0
16:41:00	342.77	108.6	0.00	167.3	0.00	321.0
16:42:00	342.85	108.3	0.00	167.8	0.00	321.0
16:43:00	342.89	108.0	0.00	168.9	0.00	321.0
16:44:00	342.99	107.7	0.00	170.1	0.00	321.0
16:45:00	343.13	107.4	0.00	171.4	0.00	321.0
16:47:00	343.36	106.9	0.00	173.2	0.00	321.0
16:48:00	343.49	106.6	0.00	173.9	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
16:49:00	343.55	106.3	0.00	175.1	0.00	321.0
16:50:00	343.68	106.0	0.00	176.1	0.00	321.0
16:52:00	344.00	105.5	0.00	177.8	0.00	321.0
16:55:00	344.40	104.7	0.00	179.5	0.00	321.0
16:56:00	344.32	104.4	0.00	180.0	0.00	321.0
16:57:00	344.22	104.1	0.00	180.6	0.00	321.0
16:59:00	344.17	103.6	0.00	181.1	0.00	321.0
17:02:00	343.98	102.8	0.00	181.4	0.00	321.0
17:03:00	343.94	102.7	0.00	181.5	0.00	321.0
17:05:00	343.93	102.2	0.00	181.7	0.00	321.0
17:06:00	343.88	101.9	0.00	181.9	0.00	321.0
17:08:00	343.79	101.4	0.00	182.3	0.00	321.0
17:09:00	343.77	101.2	0.00	182.5	0.00	321.0
17:10:00	343.70	100.9	0.00	182.7	0.00	321.0
17:12:00	343.65	100.5	0.00	183.1	0.00	321.0
17:13:00	343.65	100.3	0.00	183.3	0.00	321.0
17:14:00	343.64	100.1	0.00	183.2	0.00	321.0
17:15:00	343.61	99.8	0.00	183.3	0.00	321.0
17:16:00	343.56	99.6	0.00	183.3	0.00	321.0
17:19:00	343.48	99.0	0.00	183.2	0.00	321.0
17:20:00	343.49	98.8	0.00	183.3	0.00	321.0
17:21:00	343.44	98.6	0.00	183.4	0.00	321.0
17:22:00	343.44	98.5	0.00	183.5	0.00	321.0
17:24:00	343.48	98.0	0.00	183.5	0.00	321.0
17:25:00	343.56	97.9	0.00	183.4	0.00	321.0
17:26:00	343.75	97.7	0.00	183.4	0.00	321.0
17:27:00	344.60	97.5	0.00	183.6	0.00	321.0
17:30:00	346.33	97.0	0.00	183.7	0.00	321.0
17:33:00	342.31	96.4	0.00	184.6	0.00	321.0
17:35:00	343.10	96.1	0.00	183.7	0.00	321.0
17:37:00	343.69	95.8	0.00	183.5	0.00	321.0
17:38:00	343.47	95.7	0.00	183.5	0.00	321.0
17:39:00	342.41	95.6	0.00	183.3	0.00	321.0
17:42:00	341.23	95.1	0.00	183.9	0.00	321.0
17:48:00	341.91	94.3	0.00	184.1	0.00	321.0
17:49:00	341.99	94.2	0.00	183.9	0.00	321.0
17:50:00	342.00	94.1	0.00	183.9	0.00	321.0
17:51:00	342.11	94.0	0.00	183.8	0.00	321.0
17:53:00	342.13	93.7	0.00	183.9	0.00	321.0
17:57:00	341.93	93.2	0.00	183.4	0.00	321.0
17:59:00	341.76	93.1	0.00	183.4	0.00	321.0
18:00:00	341.73	92.9	0.00	183.5	0.00	321.0
18:02:00	341.62	92.7	0.00	183.4	0.00	321.0
18:05:00	341.68	92.5	0.00	183.5	0.00	321.0
18:06:00	341.69	92.4	0.00	183.6	0.00	321.0
18:07:00	341.72	92.2	0.00	183.6	0.00	321.0
18:08:00	341.76	92.2	0.00	183.8	0.00	321.0
18:09:00	341.72	92.1	0.00	183.9	0.00	321.0
18:11:00	341.78	91.9	0.00	184.0	0.00	321.0
18:14:00	341.82	91.7	0.00	183.6	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
18:18:00	341.70	91.4	0.00	183.4	0.00	321.0
18:19:00	341.72	91.3	0.00	183.4	0.00	321.0
18:20:00	341.74	91.2	0.00	183.4	0.00	321.0
18:22:00	341.68	91.1	0.00	183.3	0.00	321.0
18:23:00	341.63	91.0	0.00	183.3	0.00	321.0
18:24:00	341.58	90.9	0.00	183.4	0.00	321.0
18:25:00	341.49	90.9	0.00	183.3	0.00	321.0
18:26:00	341.34	90.8	0.00	183.2	0.00	321.0
18:29:00	340.89	90.6	0.00	183.4	0.00	321.0
18:30:00	340.85	90.5	0.00	183.5	0.00	321.0
18:31:00	340.93	90.5	0.00	183.5	0.00	321.0
18:33:00	342.18	90.4	0.00	183.8	0.00	321.0
18:34:00	342.50	90.3	0.00	183.8	0.00	321.0
18:35:00	342.65	90.3	0.00	183.7	0.00	321.0
18:36:00	342.68	90.2	0.00	183.9	0.00	321.0
18:38:00	342.63	90.2	0.00	183.5	0.00	321.0
18:39:00	342.65	90.1	0.00	183.5	0.00	321.0
18:40:00	342.59	90.0	0.00	183.4	0.00	321.0
18:42:00	342.51	89.9	0.00	183.6	0.00	321.0
18:43:00	342.46	89.9	0.00	183.8	0.00	321.0
18:46:00	342.37	89.7	0.00	183.8	0.00	321.0
18:47:00	342.29	89.6	0.00	183.9	0.00	321.0
18:48:00	342.21	89.7	0.00	183.9	0.00	321.0
18:49:00	342.11	89.6	0.00	183.8	0.00	321.0
18:50:00	342.06	89.6	0.00	183.6	0.00	321.0
18:51:00	342.02	89.5	0.00	183.5	0.00	321.0
18:52:00	342.01	89.5	0.00	183.6	0.00	321.0
18:54:00	342.19	89.4	0.00	183.7	0.00	321.0
18:55:00	342.26	89.3	0.00	183.7	0.00	321.0
18:56:00	342.29	89.3	0.00	183.9	0.00	321.0
18:57:00	332.84	89.2	0.00	185.6	0.00	321.0
18:58:00	322.59	89.2	0.00	186.4	0.00	321.0
19:00:00	309.48	89.1	0.00	186.5	0.00	321.0
19:01:00	305.33	89.0	0.00	186.4	0.00	321.0
19:03:00	300.07	89.0	0.00	186.3	0.00	321.0
19:04:00	298.27	89.0	0.00	186.3	0.00	321.0
19:05:00	296.83	89.0	0.00	186.4	0.00	321.0
19:07:00	294.68	88.8	0.00	186.2	0.00	321.0
19:08:00	293.78	88.8	0.00	186.0	0.00	321.0
19:09:00	292.97	88.8	0.00	185.8	0.00	321.0
19:10:00	292.28	88.8	0.00	185.5	0.00	321.0
19:17:00	289.05	88.5	0.00	185.7	0.00	321.0
19:19:00	288.45	88.4	0.00	185.7	0.00	321.0
19:20:00	288.17	88.4	0.00	185.6	0.00	321.0
19:21:00	287.84	88.4	0.00	185.6	0.00	321.0
19:23:00	287.13	88.2	0.00	185.6	0.00	321.0
19:25:00	286.54	88.2	0.00	185.6	0.00	321.0
19:27:00	286.08	88.1	0.00	185.7	0.00	321.0
19:28:00	285.96	88.1	0.00	185.7	0.00	321.0
19:29:00	285.82	88.0	0.00	185.7	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
19:33:00	285.07	87.8	0.00	185.4	0.00	321.0
19:34:00	284.87	87.9	0.00	185.4	0.00	321.0
19:35:00	284.71	87.8	0.00	185.5	0.00	321.0
19:37:00	284.41	87.7	0.00	185.9	0.00	321.0
19:38:00	284.34	87.7	0.00	186.0	0.00	321.0
19:40:00	283.98	87.6	0.00	185.8	0.00	321.0
19:41:00	283.79	87.6	0.00	185.9	0.00	321.0
19:42:00	283.64	87.5	0.00	186.0	0.00	321.0
19:43:00	283.44	87.4	0.00	185.8	0.00	321.0
19:44:00	283.29	87.4	0.00	185.8	0.00	321.0
19:47:00	282.81	87.3	0.00	186.2	0.00	321.0
19:48:00	282.68	87.2	0.00	186.4	0.00	321.0
19:51:00	282.39	87.1	0.00	186.0	0.00	321.0
19:53:00	282.16	87.1	0.00	185.9	0.00	321.0
19:54:00	281.97	87.1	0.00	186.1	0.00	321.0
19:55:00	281.85	87.0	0.00	186.5	0.00	321.0
19:57:00	281.59	86.9	0.00	186.6	0.00	321.0
19:58:00	281.41	86.9	0.00	186.6	0.00	321.0
19:59:00	281.33	86.8	0.00	186.7	0.00	321.0
20:00:00	281.14	86.8	0.00	186.8	0.00	321.0
20:02:00	281.18	86.7	0.00	186.8	0.00	321.0
20:05:00	280.77	86.6	0.00	186.7	0.00	321.0
20:06:00	280.63	86.6	0.00	186.6	0.00	321.0
20:07:00	280.57	86.5	0.00	186.6	0.00	321.0
20:08:00	280.53	86.5	0.00	186.6	0.00	321.0
20:09:00	280.45	86.5	0.00	186.7	0.00	321.0
20:10:00	280.56	86.5	0.00	186.7	0.00	321.0
20:12:00	280.18	86.4	0.00	186.9	0.00	321.0
20:14:00	280.02	86.3	0.00	187.0	0.00	321.0
20:15:00	279.97	86.2	0.00	186.7	0.00	321.0
20:16:00	279.96	86.2	0.00	186.7	0.00	321.0
20:17:00	279.94	86.2	0.00	186.7	0.00	321.0
20:18:00	279.74	86.2	0.00	186.7	0.00	321.0
20:19:00	279.61	86.2	0.00	186.7	0.00	321.0
20:20:00	279.48	86.2	0.00	186.8	0.00	321.0
20:21:00	279.45	86.2	0.00	186.7	0.00	321.0
20:22:00	279.42	86.2	0.00	186.7	0.00	321.0
20:24:00	279.22	86.1	0.00	186.8	0.00	321.0
20:26:00	279.12	86.1	0.00	186.6	0.00	321.0
20:27:00	278.98	86.1	0.00	186.5	0.00	321.0
20:29:00	278.79	86.0	0.00	186.4	0.00	321.0
20:31:00	278.75	85.9	0.00	186.4	0.00	321.0
20:32:00	278.77	85.9	0.00	186.4	0.00	321.0
20:33:00	278.71	85.9	0.00	186.3	0.00	321.0
20:34:00	278.72	85.9	0.00	186.2	0.00	321.0
20:35:00	278.65	85.8	0.00	186.1	0.00	321.0
20:36:00	278.62	85.8	0.00	186.2	0.00	321.0
20:37:00	278.61	85.8	0.00	186.2	0.00	321.0
20:38:00	278.63	85.7	0.00	186.3	0.00	321.0
20:39:00	278.73	85.7	0.00	186.3	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW		
Time	psia	DegF	psia	DegF	.	.
20:41:00	280.27	85.6	0.00	211.3	0.00	321.0
20:42:00	282.77	85.6	0.00	212.2	0.00	321.0
20:43:00	286.57	85.6	0.00	214.2	0.00	321.0
20:45:00	297.42	85.5	0.00	217.1	0.00	321.0
20:46:00	304.41	85.5	0.00	218.0	0.00	321.0
20:47:00	312.66	85.5	0.00	219.7	0.00	321.0
20:48:00	320.70	85.4	0.00	219.9	0.00	321.0
20:49:00	326.29	85.4	0.00	219.8	0.00	321.0
20:50:00	329.05	85.4	0.00	220.0	0.00	321.0
20:51:00	329.23	85.4	0.00	220.5	0.00	321.0
20:52:00	329.32	85.3	0.00	220.2	0.00	321.0
20:54:00	331.00	85.3	0.00	219.5	0.00	321.0
20:55:00	332.08	85.3	0.00	219.5	0.00	321.0
20:56:00	332.93	85.3	0.00	218.0	0.00	321.0
20:58:00	334.12	85.2	0.00	217.9	0.00	321.0
20:59:00	334.51	85.2	0.00	218.2	0.00	321.0
21:00:00	334.88	85.2	0.00	218.2	0.00	321.0
21:01:00	335.16	85.2	0.00	218.8	0.00	321.0
21:03:00	335.46	85.1	0.00	219.0	0.00	321.0
21:04:00	335.55	85.1	0.00	219.2	0.00	321.0
21:06:00	335.33	85.1	0.00	218.5	0.00	321.0
21:09:00	334.29	85.0	0.00	212.2	0.00	321.0
21:10:00	334.10	85.0	0.00	212.8	0.00	321.0
21:11:00	334.09	85.0	0.00	210.2	0.00	321.0
21:12:00	334.15	85.0	0.00	207.8	0.00	321.0
21:13:00	334.23	85.0	0.00	206.9	0.00	321.0
21:14:00	334.31	84.9	0.00	206.1	0.00	321.0
21:15:00	334.44	84.9	0.00	207.3	0.00	321.0
21:16:00	334.53	84.9	0.00	206.9	0.00	321.0
21:17:00	334.61	84.9	0.00	206.4	0.00	321.0
21:18:00	334.74	84.8	0.00	204.9	0.00	321.0
21:19:00	334.85	84.9	0.00	204.4	0.00	321.0
21:21:00	335.09	84.8	0.00	205.6	0.00	321.0
21:22:00	335.18	84.8	0.00	205.3	0.00	321.0
21:23:00	335.26	84.8	0.00	204.8	0.00	321.0
21:24:00	335.37	84.7	0.00	204.3	0.00	321.0
21:25:00	335.47	84.8	0.00	204.1	0.00	321.0
21:26:00	335.53	84.7	0.00	204.0	0.00	321.0
21:28:00	335.72	84.7	0.00	203.6	0.00	321.0
21:30:00	335.83	84.7	0.00	203.0	0.00	321.0
21:31:00	335.89	84.6	0.00	202.8	0.00	321.0
21:32:00	335.99	84.6	0.00	202.4	0.00	321.0
21:33:00	336.02	84.7	0.00	202.0	0.00	321.0
21:36:00	336.24	84.6	0.00	201.4	0.00	321.0
21:38:00	336.33	84.5	0.00	201.2	0.00	321.0
21:39:00	336.42	84.5	0.00	201.0	0.00	321.0
21:40:00	336.49	84.5	0.00	200.8	0.00	321.0
21:41:00	336.54	84.4	0.00	201.0	0.00	321.0
21:42:00	336.58	84.5	0.00	201.2	0.00	321.0
21:46:00	336.78	84.4	0.00	201.8	0.00	321.0

Date 06/24/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.
21:47:00	336.91	84.4	0.00	201.4	0.00	321.0
21:48:00	337.05	84.3	0.00	201.3	0.00	321.0
21:49:00	337.25	84.3	0.00	201.4	0.00	321.0
21:50:00	337.36	84.3	0.00	201.2	0.00	321.0
21:51:00	337.44	84.3	0.00	200.9	0.00	321.0
21:52:00	337.53	84.3	0.00	200.9	0.00	321.0
21:54:00	337.63	84.3	0.00	200.6	0.00	321.0
21:56:00	337.67	84.2	0.00	200.0	0.00	321.0
21:59:00	337.56	84.2	0.00	200.2	0.00	321.0
22:00:00	337.49	84.1	0.00	200.3	0.00	321.0
22:01:00	337.45	84.2	0.00	200.3	0.00	321.0
22:02:00	337.41	84.2	0.00	200.5	0.00	321.0
22:03:00	337.38	84.1	0.00	200.5	0.00	321.0
22:04:00	337.35	84.1	0.00	200.5	0.00	321.0
22:05:00	337.29	84.1	0.00	200.4	0.00	321.0
22:07:00	337.26	84.1	0.00	200.1	0.00	321.0
22:08:00	337.21	84.0	0.00	200.3	0.00	321.0
22:09:00	337.19	84.0	0.00	200.4	0.00	321.0
22:10:00	337.17	84.0	0.00	200.4	0.00	321.0
22:11:00	337.15	84.0	0.00	200.3	0.00	321.0
22:12:00	337.16	84.0	0.00	200.3	0.00	321.0
22:15:00	337.08	83.9	0.00	199.8	0.00	321.0
22:16:00	337.07	83.9	0.00	199.8	0.00	321.0
22:18:00	337.02	83.9	0.00	199.1	0.00	321.0
22:19:00	336.99	83.9	0.00	198.8	0.00	321.0
22:20:00	336.92	83.9	0.00	198.8	0.00	321.0
22:21:00	336.80	83.8	0.00	198.6	0.00	321.0
22:23:00	336.29	83.8	0.00	198.1	0.00	321.0
22:24:00	336.18	83.8	0.00	198.3	0.00	321.0
22:26:00	336.02	83.8	0.00	198.0	0.00	321.0
22:27:00	335.96	83.8	0.00	197.8	0.00	321.0
22:28:00	335.93	83.8	0.00	197.6	0.00	321.0
22:31:00	336.36	83.7	0.00	196.5	0.00	321.0
22:33:00	337.12	83.7	0.00	194.9	0.00	321.0
22:34:00	337.43	83.6	0.00	194.3	0.00	321.0
22:35:00	337.60	83.7	0.00	193.7	0.00	321.0
22:37:00	337.67	83.6	0.00	193.1	0.00	321.0
22:38:00	337.64	83.6	0.00	192.8	0.00	321.0
22:39:00	337.59	83.6	0.00	192.7	0.00	321.0
22:40:00	337.57	83.6	0.00	192.9	0.00	321.0
22:41:00	337.51	83.6	0.00	192.8	0.00	321.0
22:42:00	337.44	83.6	0.00	192.7	0.00	321.0
22:43:00	337.41	83.5	0.00	192.7	0.00	321.0
22:44:00	337.34	83.5	0.00	192.8	0.00	321.0
22:45:00	337.28	83.5	0.00	193.0	0.00	321.0
22:46:00	337.24	83.5	0.00	195.0	0.00	321.0
22:49:00	337.16	83.5	0.00	195.6	0.00	321.0
22:50:00	337.13	83.5	0.00	195.8	0.00	321.0
22:52:00	337.09	83.4	0.00	195.4	0.00	321.0
22:53:00	337.13	83.4	0.00	194.9	0.00	321.0

Date	PANEX		PANEX			
06/24/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
22:54:00	337.10	83.4	0.00	194.6	0.00	321.0
22:55:00	337.10	83.4	0.00	194.4	0.00	321.0
22:56:00	337.12	83.4	0.00	194.4	0.00	321.0
22:57:00	337.08	83.4	0.00	194.3	0.00	321.0
22:58:00	337.08	83.3	0.00	194.4	0.00	321.0
22:59:00	337.10	83.3	0.00	194.6	0.00	321.0
23:00:00	337.04	83.4	0.00	195.2	0.00	321.0
23:01:00	337.05	83.3	0.00	196.5	0.00	321.0
23:02:00	337.03	83.3	0.00	196.7	0.00	321.0
23:03:00	337.02	83.3	0.00	196.9	0.00	321.0
23:05:00	336.99	83.3	0.00	197.0	0.00	321.0
23:07:00	337.00	83.3	0.00	196.0	0.00	321.0
23:08:00	336.99	83.3	0.00	195.1	0.00	321.0
23:10:00	336.98	83.2	0.00	194.8	0.00	321.0
23:13:00	336.93	83.2	0.00	196.4	0.00	321.0
23:17:00	336.90	83.2	0.00	194.0	0.00	321.0
23:18:00	336.87	83.1	0.00	193.7	0.00	321.0
23:19:00	336.88	83.2	0.00	193.6	0.00	321.0
23:20:00	336.91	83.2	0.00	193.7	0.00	321.0
23:22:00	336.86	83.1	0.00	194.0	0.00	321.0
23:23:00	336.85	83.1	0.00	194.1	0.00	321.0
23:24:00	336.83	83.1	0.00	194.4	0.00	321.0
23:25:00	336.85	83.1	0.00	194.7	0.00	321.0
23:26:00	336.86	83.1	0.00	194.9	0.00	321.0
23:28:00	336.90	83.1	0.00	195.3	0.00	321.0
23:29:00	336.91	83.1	0.00	194.2	0.00	321.0
23:31:00	336.87	83.1	0.00	193.6	0.00	321.0
23:33:00	336.84	83.0	0.00	193.6	0.00	321.0
23:36:00	336.85	83.1	0.00	192.2	0.00	321.0
23:38:00	336.87	83.0	0.00	191.6	0.00	321.0
23:39:00	336.90	83.0	0.00	191.8	0.00	321.0
23:40:00	336.87	83.0	0.00	192.4	0.00	321.0
23:41:00	336.85	83.0	0.00	192.3	0.00	321.0
23:46:00	336.73	82.9	0.00	191.7	0.00	321.0
23:49:00	336.62	82.9	0.00	191.1	0.00	321.0
23:50:00	336.59	82.9	0.00	190.5	0.00	321.0
23:51:00	336.59	82.9	0.00	190.1	0.00	321.0
23:52:00	336.54	82.9	0.00	189.8	0.00	321.0
23:53:00	336.45	82.8	0.00	189.6	0.00	321.0
23:54:00	336.45	82.8	0.00	189.7	0.00	321.0
23:55:00	336.44	82.9	0.00	189.7	0.00	321.0
23:56:00	336.45	82.8	0.00	189.7	0.00	321.0
23:57:00	336.45	82.8	0.00	189.6	0.00	321.0
23:58:00	336.44	82.8	0.00	189.7	0.00	321.0
23:59:00	336.44	82.9	0.00	189.7	0.00	321.0
00:00:00	336.42	82.8	0.00	189.9	0.00	321.0
00:01:00	336.40	82.8	0.00	190.0	0.00	321.0
00:03:00	336.36	82.8	0.00	190.2	0.00	321.0
00:04:00	336.38	82.8	0.00	190.2	0.00	321.0
00:05:00	336.36	82.8	0.00	190.2	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
00:06:00	336.34	82.8	0.00	190.1	0.00	321.0
00:07:00	336.29	82.8	0.00	190.1	0.00	321.0
00:08:00	336.26	82.8	0.00	190.1	0.00	321.0
00:09:00	336.22	82.7	0.00	189.9	0.00	321.0
00:10:00	336.22	82.8	0.00	189.8	0.00	321.0
00:11:00	336.26	82.7	0.00	189.8	0.00	321.0
00:12:00	336.24	82.7	0.00	189.8	0.00	321.0
00:13:00	336.21	82.7	0.00	189.8	0.00	321.0
00:14:00	336.18	82.7	0.00	189.8	0.00	321.0
00:15:00	336.18	82.7	0.00	189.7	0.00	321.0
00:16:00	336.18	82.7	0.00	189.7	0.00	321.0
00:17:00	336.12	82.7	0.00	189.8	0.00	321.0
00:19:00	336.13	82.6	0.00	190.0	0.00	321.0
00:20:00	336.11	82.6	0.00	190.0	0.00	321.0
00:21:00	336.09	82.6	0.00	190.0	0.00	321.0
00:22:00	336.07	82.7	0.00	189.9	0.00	321.0
00:23:00	336.06	82.7	0.00	189.8	0.00	321.0
00:25:00	335.95	82.7	0.00	189.6	0.00	321.0
00:26:00	335.91	82.6	0.00	189.4	0.00	321.0
00:27:00	335.89	82.6	0.00	190.0	0.00	321.0
00:28:00	335.85	82.6	0.00	189.8	0.00	321.0
00:30:00	335.78	82.6	0.00	189.4	0.00	321.0
00:31:00	335.79	82.6	0.00	189.2	0.00	321.0
00:32:00	335.76	82.6	0.00	189.3	0.00	321.0
00:33:00	335.72	82.6	0.00	189.5	0.00	321.0
00:34:00	335.70	82.6	0.00	189.9	0.00	321.0
00:39:00	335.62	82.5	0.00	190.1	0.00	321.0
00:40:00	335.62	82.6	0.00	190.2	0.00	321.0
00:41:00	335.63	82.6	0.00	190.6	0.00	321.0
00:42:00	335.65	82.5	0.00	190.7	0.00	321.0
00:43:00	335.57	82.5	0.00	190.9	0.00	321.0
00:47:00	335.52	82.5	0.00	191.9	0.00	321.0
00:51:00	335.47	82.5	0.00	193.5	0.00	321.0
00:52:00	335.42	82.5	0.00	193.3	0.00	321.0
00:54:00	335.43	82.5	0.00	193.3	0.00	321.0
00:55:00	335.44	82.5	0.00	193.2	0.00	321.0
00:56:00	335.43	82.5	0.00	192.7	0.00	321.0
00:58:00	335.38	82.5	0.00	192.4	0.00	321.0
00:59:00	335.35	82.4	0.00	192.1	0.00	321.0
01:00:00	335.38	82.4	0.00	192.0	0.00	321.0
01:01:00	335.33	82.4	0.00	192.0	0.00	321.0
01:03:00	335.34	82.4	0.00	191.1	0.00	321.0
01:04:00	335.34	82.4	0.00	191.1	0.00	321.0
01:05:00	335.32	82.4	0.00	191.1	0.00	321.0
01:07:00	335.30	82.4	0.00	191.7	0.00	321.0
01:08:00	335.28	82.4	0.00	191.6	0.00	321.0
01:09:00	335.22	82.4	0.00	192.0	0.00	321.0
01:10:00	335.23	82.4	0.00	192.0	0.00	321.0
01:11:00	335.18	82.4	0.00	192.3	0.00	321.0
01:12:00	335.16	82.4	0.00	192.1	0.00	321.0

Date 06/25/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.
01:14:00	335.14	82.4	0.00	191.6	0.00	321.0
01:17:00	335.10	82.3	0.00	192.2	0.00	321.0
01:19:00	335.09	82.3	0.00	192.7	0.00	321.0
01:20:00	335.07	82.3	0.00	193.6	0.00	321.0
01:22:00	335.07	82.3	0.00	194.4	0.00	321.0
01:24:00	335.04	82.3	0.00	194.0	0.00	321.0
01:28:00	335.00	82.2	0.00	194.0	0.00	321.0
01:29:00	335.03	82.2	0.00	194.0	0.00	321.0
01:30:00	335.03	82.2	0.00	193.9	0.00	321.0
01:31:00	335.05	82.2	0.00	193.9	0.00	321.0
01:32:00	335.01	82.2	0.00	193.6	0.00	321.0
01:35:00	335.01	82.2	0.00	192.9	0.00	321.0
01:36:00	334.97	82.2	0.00	192.7	0.00	321.0
01:37:00	334.98	82.1	0.00	192.3	0.00	321.0
01:38:00	334.96	82.2	0.00	191.9	0.00	321.0
01:39:00	334.93	82.1	0.00	192.2	0.00	321.0
01:40:00	334.93	82.1	0.00	192.5	0.00	321.0
01:41:00	334.89	82.1	0.00	192.8	0.00	321.0
01:42:00	334.90	82.1	0.00	192.4	0.00	321.0
01:43:00	334.93	82.1	0.00	192.0	0.00	321.0
01:44:00	334.90	82.1	0.00	191.8	0.00	321.0
01:45:00	334.83	82.1	0.00	191.6	0.00	321.0
01:47:00	334.78	82.0	0.00	191.4	0.00	321.0
01:49:00	334.82	82.0	0.00	191.1	0.00	321.0
01:50:00	334.79	82.0	0.00	190.8	0.00	321.0
01:51:00	334.77	82.0	0.00	190.7	0.00	321.0
01:53:00	334.72	82.0	0.00	191.6	0.00	321.0
01:54:00	334.73	82.0	0.00	191.9	0.00	321.0
01:55:00	334.73	81.9	0.00	192.7	0.00	321.0
01:56:00	334.69	81.9	0.00	193.7	0.00	321.0
01:57:00	334.64	81.9	0.00	193.5	0.00	321.0
01:58:00	334.67	81.9	0.00	193.4	0.00	321.0
01:59:00	334.60	81.9	0.00	193.0	0.00	321.0
02:00:00	334.55	81.9	0.00	192.9	0.00	321.0
02:01:00	334.56	81.9	0.00	191.9	0.00	321.0
02:02:00	334.56	81.9	0.00	191.0	0.00	321.0
02:03:00	334.57	81.9	0.00	191.0	0.00	321.0
02:04:00	334.53	81.9	0.00	191.0	0.00	321.0
02:05:00	334.49	81.9	0.00	191.0	0.00	321.0
02:06:00	334.50	81.9	0.00	191.2	0.00	321.0
02:07:00	334.49	81.8	0.00	191.3	0.00	321.0
02:08:00	334.47	81.8	0.00	191.5	0.00	321.0
02:09:00	334.48	81.8	0.00	191.4	0.00	321.0
02:11:00	334.53	81.8	0.00	191.9	0.00	321.0
02:12:00	334.48	81.8	0.00	192.0	0.00	321.0
02:13:00	334.47	81.8	0.00	192.0	0.00	321.0
02:14:00	334.45	81.8	0.00	192.0	0.00	321.0
02:15:00	334.42	81.8	0.00	192.1	0.00	321.0
02:16:00	334.40	81.8	0.00	192.1	0.00	321.0
02:17:00	334.37	81.8	0.00	192.3	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
02:18:00	334.35	81.8	0.00	192.4	0.00	321.0
02:19:00	334.37	81.8	0.00	192.5	0.00	321.0
02:20:00	334.36	81.8	0.00	192.7	0.00	321.0
02:21:00	334.31	81.8	0.00	192.7	0.00	321.0
02:22:00	334.29	81.7	0.00	192.6	0.00	321.0
02:23:00	334.25	81.7	0.00	192.5	0.00	321.0
02:24:00	334.25	81.7	0.00	192.7	0.00	321.0
02:25:00	334.29	81.7	0.00	192.4	0.00	321.0
02:26:00	334.29	81.7	0.00	192.2	0.00	321.0
02:27:00	334.24	81.7	0.00	192.1	0.00	321.0
02:29:00	334.17	81.7	0.00	191.7	0.00	321.0
02:33:00	334.06	81.7	0.00	192.2	0.00	321.0
02:34:00	334.03	81.7	0.00	192.3	0.00	321.0
02:35:00	334.02	81.7	0.00	192.7	0.00	321.0
02:37:00	334.02	81.6	0.00	192.3	0.00	321.0
02:38:00	334.06	81.6	0.00	192.1	0.00	321.0
02:39:00	334.01	81.6	0.00	192.5	0.00	321.0
02:40:00	333.99	81.7	0.00	192.6	0.00	321.0
02:42:00	334.02	81.6	0.00	192.4	0.00	321.0
02:43:00	334.02	81.6	0.00	192.5	0.00	321.0
02:44:00	333.94	81.6	0.00	192.5	0.00	321.0
02:45:00	333.87	81.6	0.00	193.0	0.00	321.0
02:46:00	333.90	81.6	0.00	192.9	0.00	321.0
02:49:00	333.88	81.6	0.00	192.8	0.00	321.0
02:51:00	333.84	81.5	0.00	192.7	0.00	321.0
02:52:00	333.79	81.6	0.00	192.8	0.00	321.0
02:53:00	333.77	81.5	0.00	192.9	0.00	321.0
02:54:00	333.72	81.5	0.00	193.0	0.00	321.0
02:55:00	333.70	81.5	0.00	193.1	0.00	321.0
02:56:00	333.68	81.5	0.00	193.1	0.00	321.0
02:57:00	333.69	81.5	0.00	193.7	0.00	321.0
02:59:00	333.67	81.5	0.00	193.8	0.00	321.0
03:00:00	333.66	81.5	0.00	194.1	0.00	321.0
03:01:00	333.63	81.5	0.00	194.5	0.00	321.0
03:02:00	333.61	81.4	0.00	194.9	0.00	321.0
03:04:00	333.58	81.5	0.00	195.4	0.00	321.0
03:05:00	333.53	81.5	0.00	195.4	0.00	321.0
03:06:00	333.53	81.4	0.00	195.4	0.00	321.0
03:07:00	333.51	81.4	0.00	195.1	0.00	321.0
03:08:00	333.46	81.4	0.00	194.7	0.00	321.0
03:09:00	333.41	81.4	0.00	194.1	0.00	321.0
03:10:00	333.40	81.4	0.00	193.6	0.00	321.0
03:11:00	333.42	81.4	0.00	193.3	0.00	321.0
03:12:00	333.41	81.4	0.00	193.4	0.00	321.0
03:14:00	333.38	81.4	0.00	193.8	0.00	321.0
03:15:00	333.36	81.4	0.00	193.9	0.00	321.0
03:16:00	333.37	81.3	0.00	193.8	0.00	321.0
03:18:00	333.35	81.4	0.00	193.5	0.00	321.0
03:19:00	333.36	81.3	0.00	193.1	0.00	321.0
03:20:00	333.27	81.3	0.00	192.8	0.00	321.0

Date 06/25/81 Time	PANEX PRES psia	TEMP DegF	PANEX PRES psia	FLOW DegF	.	.
03:22:00	333.22	81.3	0.00	192.7	0.00	321.0
03:23:00	333.26	81.3	0.00	192.6	0.00	321.0
03:24:00	333.28	81.3	0.00	192.3	0.00	321.0
03:26:00	333.16	81.3	0.00	191.8	0.00	321.0
03:27:00	333.19	81.3	0.00	191.7	0.00	321.0
03:28:00	333.13	81.3	0.00	191.5	0.00	321.0
03:29:00	333.11	81.3	0.00	191.6	0.00	321.0
03:31:00	333.08	81.2	0.00	191.4	0.00	321.0
03:32:00	333.09	81.3	0.00	191.2	0.00	321.0
03:33:00	333.07	81.2	0.00	191.5	0.00	321.0
03:35:00	333.05	81.2	0.00	192.1	0.00	321.0
03:36:00	333.07	81.2	0.00	192.1	0.00	321.0
03:37:00	333.05	81.2	0.00	192.2	0.00	321.0
03:38:00	333.04	81.2	0.00	192.3	0.00	321.0
03:39:00	333.00	81.1	0.00	192.4	0.00	321.0
03:40:00	332.98	81.1	0.00	192.4	0.00	321.0
03:41:00	333.01	81.1	0.00	192.5	0.00	321.0
03:42:00	333.00	81.1	0.00	191.9	0.00	321.0
03:43:00	332.96	81.1	0.00	192.1	0.00	321.0
03:44:00	332.98	81.0	0.00	192.1	0.00	321.0
03:45:00	333.03	81.1	0.00	192.0	0.00	321.0
03:47:00	333.24	81.0	0.00	192.0	0.00	321.0
03:48:00	333.30	81.0	0.00	191.9	0.00	321.0
03:49:00	333.35	81.0	0.00	192.2	0.00	321.0
03:50:00	333.40	81.0	0.00	192.4	0.00	321.0
03:51:00	333.48	81.0	0.00	192.7	0.00	321.0
03:52:00	333.50	81.0	0.00	192.8	0.00	321.0
03:53:00	333.55	80.9	0.00	192.9	0.00	321.0
03:54:00	333.57	81.0	0.00	192.6	0.00	321.0
03:56:00	333.58	81.0	0.00	193.0	0.00	321.0
03:57:00	333.57	81.0	0.00	193.0	0.00	321.0
03:58:00	333.58	80.9	0.00	192.4	0.00	321.0
03:59:00	333.54	80.9	0.00	192.3	0.00	321.0
04:00:00	333.51	80.9	0.00	192.2	0.00	321.0
04:01:00	333.54	80.9	0.00	192.2	0.00	321.0
04:02:00	333.51	80.9	0.00	192.2	0.00	321.0
04:03:00	333.47	80.9	0.00	192.1	0.00	321.0
04:04:00	333.47	80.9	0.00	192.0	0.00	321.0
04:05:00	333.49	80.9	0.00	191.7	0.00	321.0
04:06:00	333.51	80.9	0.00	191.1	0.00	321.0
04:07:00	333.50	80.9	0.00	191.1	0.00	321.0
04:08:00	333.42	80.9	0.00	191.2	0.00	321.0
04:09:00	333.44	80.9	0.00	191.1	0.00	321.0
04:10:00	333.44	80.9	0.00	191.0	0.00	321.0
04:11:00	333.47	80.9	0.00	191.1	0.00	321.0
04:12:00	333.55	80.9	0.00	191.5	0.00	321.0
04:15:00	333.81	80.9	0.00	192.3	0.00	321.0
04:16:00	333.92	80.9	0.00	192.1	0.00	321.0
04:18:00	334.04	80.9	0.00	192.4	0.00	321.0
04:19:00	334.14	80.9	0.00	192.2	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
04:20:00	334.18	80.9	0.00	191.4	0.00	321.0
04:21:00	334.17	80.9	0.00	192.2	0.00	321.0
04:22:00	334.25	80.9	0.00	191.9	0.00	321.0
04:23:00	334.31	80.9	0.00	190.9	0.00	321.0
04:25:00	334.41	80.9	0.00	189.6	0.00	321.0
04:26:00	334.43	80.9	0.00	189.2	0.00	321.0
04:27:00	334.46	80.9	0.00	189.0	0.00	321.0
04:29:00	334.42	80.9	0.00	189.1	0.00	321.0
04:31:00	334.46	80.9	0.00	189.8	0.00	321.0
04:32:00	334.38	80.9	0.00	190.0	0.00	321.0
04:33:00	334.32	80.9	0.00	190.2	0.00	321.0
04:34:00	334.31	80.9	0.00	190.0	0.00	321.0
04:35:00	334.29	80.9	0.00	189.7	0.00	321.0
04:36:00	334.31	80.9	0.00	189.8	0.00	321.0
04:37:00	334.25	80.9	0.00	190.5	0.00	321.0
04:38:00	334.25	80.9	0.00	191.1	0.00	321.0
04:39:00	334.24	80.9	0.00	191.3	0.00	321.0
04:41:00	334.23	80.9	0.00	192.0	0.00	321.0
04:42:00	334.20	80.9	0.00	192.2	0.00	321.0
04:46:00	334.31	80.9	0.00	192.6	0.00	321.0
04:47:00	334.35	80.9	0.00	192.4	0.00	321.0
04:49:00	334.42	80.9	0.00	191.7	0.00	321.0
04:50:00	334.42	80.9	0.00	192.2	0.00	321.0
04:51:00	334.43	81.0	0.00	192.6	0.00	321.0
04:52:00	334.44	80.9	0.00	192.0	0.00	321.0
04:53:00	334.39	81.0	0.00	192.5	0.00	321.0
04:54:00	334.29	81.0	0.00	192.9	0.00	321.0
04:56:00	334.21	81.0	0.00	192.9	0.00	321.0
04:57:00	334.14	81.0	0.00	192.8	0.00	321.0
04:58:00	334.12	81.0	0.00	193.1	0.00	321.0
04:59:00	334.00	81.0	0.00	193.1	0.00	321.0
05:00:00	333.94	81.0	0.00	192.9	0.00	321.0
05:01:00	333.89	81.1	0.00	192.3	0.00	321.0
05:02:00	333.90	81.1	0.00	191.9	0.00	321.0
05:03:00	333.83	81.1	0.00	191.9	0.00	321.0
05:04:00	333.77	81.1	0.00	192.0	0.00	321.0
05:05:00	333.74	81.1	0.00	191.9	0.00	321.0
05:06:00	333.75	81.1	0.00	191.9	0.00	321.0
05:09:00	333.72	81.1	0.00	192.5	0.00	321.0
05:10:00	333.69	81.1	0.00	192.9	0.00	321.0
05:11:00	333.71	81.1	0.00	192.9	0.00	321.0
05:12:00	333.68	81.1	0.00	192.8	0.00	321.0
05:13:00	333.66	81.1	0.00	192.7	0.00	321.0
05:14:00	333.63	81.1	0.00	192.3	0.00	321.0
05:15:00	333.62	81.1	0.00	192.1	0.00	321.0
05:16:00	333.61	81.2	0.00	191.8	0.00	321.0
05:18:00	333.61	81.2	0.00	192.1	0.00	321.0
05:19:00	333.54	81.2	0.00	192.3	0.00	321.0
05:20:00	333.53	81.2	0.00	192.1	0.00	321.0
05:21:00	333.50	81.2	0.00	192.0	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
05:22:00	333.52	81.2	0.00	192.0	0.00	321.0
05:23:00	333.53	81.2	0.00	192.0	0.00	321.0
05:24:00	333.60	81.2	0.00	192.0	0.00	321.0
05:25:00	333.62	81.2	0.00	191.8	0.00	321.0
05:26:00	333.55	81.2	0.00	191.9	0.00	321.0
05:27:00	333.54	81.2	0.00	192.0	0.00	321.0
05:28:00	333.54	81.2	0.00	192.1	0.00	321.0
05:29:00	333.57	81.2	0.00	192.1	0.00	321.0
05:30:00	333.56	81.2	0.00	192.2	0.00	321.0
05:31:00	333.54	81.2	0.00	192.4	0.00	321.0
05:32:00	333.52	81.1	0.00	192.4	0.00	321.0
05:33:00	333.50	81.2	0.00	192.1	0.00	321.0
05:34:00	333.49	81.2	0.00	191.7	0.00	321.0
05:35:00	333.49	81.1	0.00	191.3	0.00	321.0
05:36:00	333.47	81.2	0.00	191.4	0.00	321.0
05:37:00	333.45	81.2	0.00	191.5	0.00	321.0
05:39:00	333.40	81.1	0.00	191.8	0.00	321.0
05:40:00	333.39	81.1	0.00	191.9	0.00	321.0
05:41:00	333.36	81.1	0.00	191.9	0.00	321.0
05:42:00	333.36	81.1	0.00	191.6	0.00	321.0
05:45:00	333.31	81.1	0.00	191.3	0.00	321.0
05:46:00	333.30	81.1	0.00	191.4	0.00	321.0
05:47:00	333.27	81.1	0.00	191.6	0.00	321.0
05:48:00	333.25	81.1	0.00	191.5	0.00	321.0
05:49:00	333.29	81.1	0.00	191.2	0.00	321.0
05:50:00	333.25	81.0	0.00	190.9	0.00	321.0
05:52:00	333.17	81.1	0.00	191.0	0.00	321.0
05:53:00	333.16	81.0	0.00	190.9	0.00	321.0
05:57:00	333.02	81.0	0.00	191.3	0.00	321.0
05:58:00	333.01	81.0	0.00	191.3	0.00	321.0
05:59:00	332.99	81.0	0.00	191.3	0.00	321.0
06:00:00	332.99	81.0	0.00	191.5	0.00	321.0
06:01:00	332.94	81.0	0.00	191.5	0.00	321.0
06:03:00	332.77	81.0	0.00	190.7	0.00	321.0
06:04:00	332.70	81.0	0.00	190.2	0.00	321.0
06:05:00	332.65	81.0	0.00	190.3	0.00	321.0
06:06:00	332.63	81.0	0.00	190.5	0.00	321.0
06:08:00	332.56	80.9	0.00	190.7	0.00	321.0
06:09:00	332.55	80.9	0.00	190.7	0.00	321.0
06:10:00	332.54	80.9	0.00	190.9	0.00	321.0
06:11:00	332.59	80.9	0.00	190.8	0.00	321.0
06:12:00	332.54	80.9	0.00	190.9	0.00	321.0
06:13:00	332.46	80.9	0.00	191.0	0.00	321.0
06:14:00	332.45	80.9	0.00	191.0	0.00	321.0
06:15:00	332.41	80.9	0.00	191.0	0.00	321.0
06:16:00	332.43	80.9	0.00	190.8	0.00	321.0
06:18:00	332.39	80.9	0.00	190.9	0.00	321.0
06:19:00	332.38	80.9	0.00	191.0	0.00	321.0
06:21:00	332.30	80.9	0.00	190.7	0.00	321.0
06:22:00	332.31	80.8	0.00	190.8	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
06:24:00	332.24	80.8	0.00	190.6	0.00	321.0
06:25:00	332.21	80.8	0.00	189.5	0.00	321.0
06:26:00	332.09	80.8	0.00	189.0	0.00	321.0
06:27:00	332.05	80.8	0.00	188.9	0.00	321.0
06:28:00	331.99	80.8	0.00	188.2	0.00	321.0
06:29:00	331.97	80.8	0.00	187.9	0.00	321.0
06:32:00	331.81	80.8	0.00	188.0	0.00	321.0
06:34:00	331.67	80.8	0.00	188.7	0.00	321.0
06:36:00	331.59	80.8	0.00	189.3	0.00	321.0
06:37:00	331.60	80.8	0.00	189.1	0.00	321.0
06:38:00	331.62	80.8	0.00	189.0	0.00	321.0
06:40:00	331.57	80.9	0.00	189.5	0.00	321.0
06:42:00	331.51	80.9	0.00	189.7	0.00	321.0
06:43:00	331.56	80.9	0.00	189.4	0.00	321.0
06:44:00	331.54	80.9	0.00	189.0	0.00	321.0
06:46:00	331.59	80.9	0.00	188.3	0.00	321.0
06:47:00	331.61	80.9	0.00	188.2	0.00	321.0
06:48:00	331.59	81.0	0.00	187.9	0.00	321.0
06:50:00	331.58	81.0	0.00	187.5	0.00	321.0
06:51:00	331.55	81.0	0.00	187.2	0.00	321.0
06:53:00	331.60	81.0	0.00	187.3	0.00	321.0
06:54:00	331.59	81.1	0.00	188.0	0.00	321.0
06:55:00	331.56	81.1	0.00	188.6	0.00	321.0
06:57:00	331.50	81.1	0.00	188.8	0.00	321.0
06:59:00	331.51	81.2	0.00	189.1	0.00	321.0
07:00:00	331.48	81.2	0.00	189.1	0.00	321.0
07:01:00	331.46	81.2	0.00	189.3	0.00	321.0
07:03:00	331.40	81.3	0.00	189.1	0.00	321.0
07:04:00	331.38	81.4	0.00	189.0	0.00	321.0
07:06:00	331.19	81.4	0.00	189.0	0.00	321.0
07:07:00	331.12	81.5	0.00	189.1	0.00	321.0
07:08:00	331.09	81.6	0.00	189.1	0.00	321.0
07:09:00	331.12	81.7	0.00	189.1	0.00	321.0
07:10:00	331.10	81.8	0.00	188.7	0.00	321.0
07:13:00	331.10	82.2	0.00	188.0	0.00	321.0
07:14:00	331.00	82.4	0.00	187.7	0.00	321.0
07:15:00	330.94	82.5	0.00	187.6	0.00	321.0
07:16:00	330.89	82.7	0.00	187.8	0.00	321.0
07:17:00	330.87	82.9	0.00	188.2	0.00	321.0
07:19:00	330.79	83.2	0.00	188.3	0.00	321.0
07:20:00	330.68	83.4	0.00	188.1	0.00	321.0
07:21:00	330.67	83.6	0.00	187.4	0.00	321.0
07:22:00	330.67	83.7	0.00	186.9	0.00	321.0
07:24:00	330.67	84.1	0.00	187.2	0.00	321.0
07:25:00	330.65	84.2	0.00	187.2	0.00	321.0
07:26:00	330.68	84.4	0.00	186.9	0.00	321.0
07:27:00	330.73	84.5	0.00	186.7	0.00	321.0
07:28:00	330.82	84.6	0.00	186.7	0.00	321.0
07:29:00	330.93	84.7	0.00	187.1	0.00	321.0
07:30:00	331.06	84.8	0.00	187.7	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
07:31:00	331.23	84.9	0.00	188.0	0.00	321.0
07:32:00	331.42	85.1	0.00	188.0	0.00	321.0
07:33:00	331.54	85.1	0.00	188.0	0.00	321.0
07:34:00	331.67	85.3	0.00	187.8	0.00	321.0
07:37:00	331.94	85.7	0.00	187.0	0.00	321.0
07:39:00	332.02	85.9	0.00	186.6	0.00	321.0
07:41:00	332.02	86.2	0.00	186.5	0.00	321.0
07:44:00	331.87	86.4	0.00	187.0	0.00	321.0
07:46:00	331.80	86.7	0.00	187.9	0.00	321.0
07:47:00	331.79	86.8	0.00	188.3	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
08:02:05	330.76	89.1	0.00	185.5	0.00	321.0
08:20:00	329.43	92.4	0.00	187.9	0.00	321.0
08:40:00	328.03	99.1	0.00	189.2	0.00	321.0
08:50:00	328.77	102.7	0.00	189.9	0.00	321.0
09:00:00	329.64	106.1	0.00	189.3	0.00	321.0
09:20:00	329.86	111.9	0.00	188.4	0.00	321.0
09:28:00	330.62	113.7	0.00	189.4	0.00	321.0
09:30:00	330.94	114.1	0.00	189.9	0.00	321.0
09:31:00	331.00	114.3	0.00	189.6	0.00	321.0
09:33:00	330.96	114.7	0.00	189.2	0.00	321.0
09:34:00	330.88	114.9	0.00	189.4	0.00	321.0
09:35:00	331.07	115.1	0.00	189.7	0.00	321.0
09:36:00	330.79	115.3	0.00	189.8	0.00	321.0
09:37:00	330.65	115.6	0.00	190.2	0.00	321.0
09:40:00	330.87	116.2	0.00	189.7	0.00	321.0
09:41:40	424.75	116.6	0.00	188.6	0.00	321.0
09:41:50	438.59	116.6	0.00	188.4	0.00	321.0
09:42:00	457.95	116.7	0.00	188.3	0.00	321.0
09:42:10	475.37	116.7	0.00	188.2	0.00	321.0
09:42:20	490.52	116.7	0.00	188.1	0.00	321.0
09:42:30	507.96	116.8	0.00	187.9	0.00	321.0
09:42:40	522.91	116.8	0.00	187.8	0.00	321.0
09:42:50	538.39	116.8	0.00	187.7	0.00	321.0
09:43:00	554.08	116.8	0.00	187.5	0.00	321.0
09:43:10	567.17	116.9	0.00	187.4	0.00	321.0
09:43:20	581.36	116.9	0.00	187.2	0.00	321.0
09:43:30	594.21	116.9	0.00	187.1	0.00	321.0
09:43:40	607.15	117.0	0.00	186.9	0.00	321.0
09:43:50	618.46	117.0	0.00	186.7	0.00	321.0
09:44:00	630.48	117.0	0.00	186.6	0.00	321.0
09:44:10	641.13	117.1	0.00	186.4	0.00	321.0
09:44:20	651.96	117.1	0.00	186.3	0.00	321.0
09:44:30	661.56	117.1	0.00	186.2	0.00	321.0
09:44:40	671.73	117.2	0.00	186.0	0.00	321.0
09:44:50	680.62	117.2	0.00	185.9	0.00	321.0
09:45:00	689.35	117.2	0.00	185.9	0.00	321.0
09:45:10	698.04	117.2	0.00	185.9	0.00	321.0
09:45:20	706.42	117.3	0.00	185.9	0.00	321.0
09:45:30	714.38	117.3	0.00	185.8	0.00	321.0
09:45:40	721.76	117.3	0.00	185.7	0.00	321.0
09:45:50	729.56	117.4	0.00	185.6	0.00	321.0
09:46:00	736.21	117.4	0.00	185.5	0.00	321.0
09:46:10	742.86	117.4	0.00	185.5	0.00	321.0
09:46:20	748.99	117.4	0.00	185.4	0.00	321.0
09:46:30	756.55	117.5	0.00	185.3	0.00	321.0
09:46:40	761.62	117.5	0.00	185.2	0.00	321.0
09:46:50	767.40	117.5	0.00	185.1	0.00	321.0
09:47:00	773.62	117.5	0.00	185.0	0.00	321.0
09:47:10	778.85	117.6	0.00	184.9	0.00	321.0
09:47:20	783.93	117.6	0.00	184.8	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
09:47:30	789.22	117.6	0.00	184.8	0.00	321.0
09:47:40	794.23	117.7	0.00	184.7	0.00	321.0
09:47:50	799.12	117.7	0.00	184.6	0.00	321.0
09:48:00	803.62	117.7	0.00	184.5	0.00	321.0
09:48:10	808.34	117.7	0.00	184.4	0.00	321.0
09:48:20	812.27	117.8	0.00	184.3	0.00	321.0
09:48:30	816.59	117.8	0.00	184.2	0.00	321.0
09:48:40	821.37	117.8	0.00	184.0	0.00	321.0
09:48:50	825.56	117.8	0.00	183.9	0.00	321.0
09:49:00	829.55	117.9	0.00	183.7	0.00	321.0
09:49:10	833.15	117.9	0.00	183.6	0.00	321.0
09:49:20	837.11	117.9	0.00	183.4	0.00	321.0
09:49:45	846.60	118.0	0.00	183.0	0.00	321.0
09:49:55	850.10	118.0	0.00	182.8	0.00	321.0
09:50:05	853.63	118.1	0.00	182.7	0.00	321.0
09:50:15	857.05	118.1	0.00	182.5	0.00	321.0
09:50:25	860.42	118.1	0.00	182.3	0.00	321.0
09:50:35	864.08	118.1	0.00	182.2	0.00	321.0
09:50:45	867.04	118.2	0.00	182.0	0.00	321.0
09:50:55	870.36	118.2	0.00	181.8	0.00	321.0
09:51:05	873.94	118.2	0.00	181.6	0.00	321.0
09:51:15	876.65	118.3	0.00	181.5	0.00	321.0
09:51:25	879.78	118.3	0.00	181.3	0.00	321.0
09:51:35	882.55	118.3	0.00	181.1	0.00	321.0
09:51:45	885.73	118.4	0.00	180.9	0.00	321.0
09:51:55	888.85	118.4	0.00	180.7	0.00	321.0
09:52:05	891.29	118.4	0.00	180.5	0.00	321.0
09:52:15	894.22	118.4	0.00	180.3	0.00	321.0
09:52:25	897.58	118.5	0.00	180.2	0.00	321.0
09:52:35	900.15	118.5	0.00	180.0	0.00	321.0
09:52:45	902.70	118.5	0.00	180.0	0.00	321.0
09:52:55	905.62	118.6	0.00	179.8	0.00	321.0
09:53:05	908.62	118.6	0.00	179.7	0.00	321.0
09:53:15	911.63	118.6	0.00	179.5	0.00	321.0
09:53:25	913.82	118.7	0.00	179.4	0.00	321.0
09:53:35	915.86	118.7	0.00	179.3	0.00	321.0
09:53:45	918.88	118.7	0.00	179.1	0.00	321.0
09:53:55	921.34	118.7	0.00	179.0	0.00	321.0
09:54:05	923.74	118.8	0.00	178.9	0.00	321.0
09:54:15	926.31	118.8	0.00	178.8	0.00	321.0
09:56:00	951.14	119.2	0.00	177.4	0.00	321.0
09:57:00	964.30	119.4	0.00	176.6	0.00	321.0
09:59:00	988.53	119.8	0.00	174.8	0.00	321.0
10:03:00	1031.20	120.3	0.00	171.7	0.00	321.0
10:05:00	1050.34	120.7	0.00	169.6	0.00	321.0
10:06:00	1059.68	120.8	0.00	168.6	0.00	321.0
10:07:00	1068.88	120.9	0.00	167.6	0.00	321.0
10:08:00	1077.73	121.0	0.00	166.7	0.00	321.0
10:09:00	1087.27	121.6	0.00	166.0	0.00	321.0
10:10:00	1094.74	120.5	0.00	165.4	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
10:11:00	1103.01	120.5	0.00	165.2	0.00	321.0
10:12:00	1111.07	120.2	0.00	165.1	0.00	321.0
10:13:00	1118.98	120.6	0.00	165.1	0.00	321.0
10:14:00	1126.68	121.1	0.00	164.9	0.00	321.0
10:15:00	1133.90	121.1	0.00	164.3	0.00	321.0
10:16:00	1140.68	120.7	0.00	163.5	0.00	321.0
10:17:00	1148.14	120.5	0.00	162.6	0.00	321.0
10:18:00	1155.02	120.8	0.00	162.1	0.00	321.0
10:22:00	1181.17	120.2	0.00	159.8	0.00	321.0
10:23:00	1187.96	122.3	0.00	159.1	0.00	321.0
10:27:00	1211.65	120.6	0.00	157.2	0.00	321.0
10:28:00	1217.61	120.7	0.00	156.9	0.00	321.0
10:29:00	1223.12	120.1	0.00	156.8	0.00	321.0
10:30:00	1228.92	119.9	0.00	156.6	0.00	321.0
10:32:00	1239.03	119.8	0.00	156.0	0.00	321.0
10:33:00	1244.10	119.4	0.00	155.5	0.00	321.0
10:34:00	1249.23	119.6	0.00	155.0	0.00	321.0
10:35:00	1254.54	120.7	0.00	154.8	0.00	321.0
10:36:00	1259.54	120.7	0.00	154.7	0.00	321.0
10:40:00	1278.63	119.5	0.00	153.5	0.00	321.0
10:41:00	1283.17	119.5	0.00	152.7	0.00	321.0
10:42:00	1287.90	120.0	0.00	151.8	0.00	321.0
10:43:00	1292.39	119.7	0.00	151.0	0.00	321.0
10:44:00	1296.90	119.7	0.00	150.1	0.00	321.0
10:45:00	1301.23	119.6	0.00	149.6	0.00	321.0
10:46:00	1305.58	119.6	0.00	149.2	0.00	321.0
10:47:00	1309.89	119.5	0.00	149.0	0.00	321.0
10:49:00	1318.13	119.3	0.00	148.4	0.00	321.0
10:51:00	1326.54	119.0	0.00	147.8	0.00	321.0
10:54:00	1338.61	118.5	0.00	146.7	0.00	321.0
10:55:00	1342.67	118.4	0.00	146.4	0.00	321.0
10:56:00	1346.44	118.1	0.00	146.0	0.00	321.0
10:58:00	1354.13	117.8	0.00	145.1	0.00	321.0
10:59:00	1357.46	117.6	0.00	144.7	0.00	321.0
11:10:00	1395.71	116.0	0.00	143.5	0.00	321.0
11:20:00	1424.31	116.7	0.00	141.8	0.00	321.0
11:30:00	1450.62	117.8	0.00	0.0	0.00	321.0
12:00:00	1517.98	120.1	0.00	0.0	0.00	321.0
12:20:00	1554.17	121.5	0.00	0.0	0.00	321.0
12:30:00	1570.35	122.4	0.00	0.0	0.00	321.0
12:40:00	1586.37	122.1	0.00	0.0	0.00	321.0
12:50:00	1601.23	120.9	0.00	0.0	0.00	321.0
13:00:00	1614.90	119.6	0.00	0.0	0.00	321.0
13:20:00	1639.13	117.2	0.00	0.0	0.00	321.0
13:30:00	1649.72	116.9	0.00	0.0	0.00	321.0
13:40:00	1659.14	117.6	0.00	0.0	0.00	321.0
14:00:00	1678.58	118.4	0.00	0.0	0.00	321.0
14:15:00	1692.29	118.1	0.00	0.0	0.00	321.0
14:16:00	1693.13	118.0	0.00	0.0	0.00	321.0
14:19:00	1695.84	117.7	0.00	0.0	0.00	321.0

Date	PANEX		PANEX			
06/25/81	PRES	TEMP	PRES	FLOW	.	.
Time	psia	DegF	psia	DegF	.	.
14:20:00	1696.61	117.7	0.00	0.0	0.00	321.0
14:23:00	1699.04	117.5	0.00	0.0	0.00	321.0
14:24:00	1699.85	117.4	0.00	0.0	0.00	321.0
14:25:00	1700.64	117.4	0.00	0.0	0.00	321.0
14:26:00	1701.39	117.3	0.00	0.0	0.00	321.0
14:27:00	1702.18	117.3	0.00	0.0	0.00	321.0
14:28:00	1702.87	117.2	0.00	0.0	0.00	321.0
14:29:00	1703.64	117.2	0.00	0.0	0.00	321.0
14:30:00	1704.39	117.1	0.00	0.0	0.00	321.0
14:35:00	1707.86	116.8	0.00	0.0	0.00	321.0
14:36:00	1709.19	116.8	0.00	0.0	0.00	321.0
14:39:00	1711.42	116.6	0.00	0.0	0.00	321.0
14:45:00	1715.90	116.1	0.00	0.0	0.00	321.0
14:46:00	1716.65	116.0	0.00	0.0	0.00	321.0
14:47:00	1717.36	115.9	0.00	0.0	0.00	321.0
14:49:00	1718.98	115.7	0.00	0.0	0.00	321.0
14:54:00	1722.37	115.1	0.00	0.0	0.00	321.0
14:55:00	1723.05	115.0	0.00	0.0	0.00	321.0
14:56:00	1723.77	114.8	0.00	0.0	0.00	321.0

APPENDIX H

Gas Producers Association Tentative Method of Testing for Hydrogen Sulfide in Natural Gas, Using Length of Stain Tubes

DOE CONTRACT NO.
DE-AC08-80ET-27081

**Eaton Industries of Houston, Inc.
Eaton Operating Co., Inc.**
3104 Edloe, Houston, Texas 77027

GPA

**Tentative Method of Test for
Hydrogen Sulfide in Natural Gas
Using Length of Stain Tubes**

Adopted as Tentative Standard, 1977

Gas Processors Association

**1812 First Place
Tulsa, Oklahoma 74103**

Tentative Method of Test for Hydrogen Sulfide in Natural Gas

Using Length of Stain Tubes

1. SCOPE-

1.1 This method covers the determination of hydrogen sulfide in natural gas in the range of 3 ppmv to 120 ppmv.

Note 1—Available apparatus extends the range up to 7 percent by volume. Cooperative testing by GPA has been completed only up to 120 ppmv.

1.2 The method as written is applicable to the determination of hydrogen sulfide in hydrocarbon vapors and in air.

2. SUMMARY OF METHOD

The sample is passed through the detector tube filled with a specially prepared chemical. Any hydrogen sulfide present in the sample reacts with the chemical to produce a color change. The length of stain (or color change) produced in the detector tube when exposed to a measured volume of sample is directly proportional to the amount of hydrogen sulfide present in the sample being tested. A bellows or piston type pump is used to suck a measured volume of sample through the tube at a controlled rate of flow. The length of stain produced is converted to ppm of H_2S by comparison with a calibration scale supplied by the manufacturer with each box of detector tubes. The apparatus is easily portable, is completely suited to making spot checks for hydrogen sulfide under field conditions.

3. APPARATUS

3.1 *Piston or bellows pump*—The pump is hand-operated and must be capable of sucking a minimum of 100 ml per stroke of sample through the detector tube with an accuracy of ± 2 ml.

3.2 *Detector Tube*—Tubes must be made of glass with break-off tips sized to fit the orifice of the pump. The chemical sealed in the tube must be specific for hydrogen sulfide and produce a distinct color change when exposed to a sample of gas containing hydrogen sulfide. Any substances known to interfere must be listed in instructions accompanying the tubes. The tube should have the calibration scale etched directly on the tube or other markings which provide for easy interpretation of hydrogen sulfide content from a separate calibration scale supplied with the tubes. Shelf life of the detector tubes must be a minimum of 2 years when stored according to manufacturer's recommendations.

3.3 *Gas Sampling Container*—Any container which provides for access of the detector tube into a uniform flow of sample gas at atmospheric pressure and isolated from the surrounding atmosphere.

3.3.1 A suitable container may be devised from a one pint polyethylene bottle. A $\frac{1}{4}$ -inch O.D. polyethylene tubing sealed into the bottle and discharging near the bottom provides for flow of sample gas into the bottle. A $\frac{1}{2}$ -inch hole cut into the cap of the bottle provides both access for the detector tube and vent for gas flow. See Figure 1.

Note 2—A one pint polyethylene wash bottle is easily adapted to a suitable sample container.

3.3.2 Mylar gas collection bags are useful as gas sample containers when the supply of sample gas is limited. Mylar bags with a minimum capacity of two liters are an acceptable substitute for bottle described in 3.3.1.

3.4 *Barometer*—Any barometer equipped with a scale graduated in 1 mm of mercury subdivision and a range including the expected atmospheric pressure condition at the sampling site.

3.5 *Thermometer*—Standard laboratory thermometer graduated in $1^\circ C$ subdivisions and including the range of sample temperatures expected during the test.

3.6 *Needle Valve and Tubing*—Any stainless steel needle valve which can be adjusted to control the flow of gas from source pressure into the gas sampling container. Polyethylene or gum rubber tubing may be used to connect the gas sampling container to the needle valve outlet.

Note 3—A pressure regulator may be used to control flow of the sample gas, in lieu of a needle valve.

4. SAMPLING

4.1 Select a sampling point which affords access to a representative sample of the gas to be tested (i.e.—a point on the main flow line). Flow line connections should have a centerline tap.

4.1.1 Open source valve, Figure 1, and blow down vigorously to clear foreign materials from source valve and connecting nipple. Close source valve.

4.1.2 Install needle valve (or pressure regulator) on outlet of source valve. Connect outlet of needle valve to gas sampling container using shortest length practicable of polyethylene or other suitable tubing.

4.1.3 Open source valve A and crack control valve B to obtain positive flow of gas through gas sample container venting to atmosphere through tube access and vent C.

4.1.4 Purge gas sample container until all air is displaced. A minimum purge time of 3 minutes is recommended.

Note 4—When using collection bags the same procedure is followed except that the deflated bag is attached directly to control valve B. The bag is filled once, disconnected and deflated. The bag is filled a second time and is then ready for the analysis.

5. PROCEDURE

5.1 Immediately before each series of measurements, test the pump for tightness by inserting an unopened tube and operating the pump. A loss in vacuum on the pump after 30 sec. indicates a leak.

5.1.1 Select the tube range that includes the expected amount of hydrogen sulfide present in the sample. Reading

FIG. 1—Sampling manifold to be used with H₂S detector.

accuracy is improved when the stain extends at least 50 percent of the tube length. Consider multiple strokes and/or a lower range tube to achieve this length of stain.

5.1.2 Break off tips and insert outlet end of tube snugly into the pump head. Temperature of the tube must remain in the 0° to 40°C range throughout the test period.

5.1.3 Place detector tube well into gas sampling container through the tube access and vent C.

Note 5—Gas sample container must be completely purged of air and with control valve B adjusted to maintain a positive flow of gas leaving the tube access and vent C for the duration of the test.

5.1.4 Operate the pump to suck a measured volume of gas through the detector tube. Within limits set by manufacturer's instructions, use multiple strokes to maximize length of stain.

5.1.5 Remove the tube from the pump and immediately read the concentration of hydrogen sulfide from graduations

on the tube or charts supplied with the tubes. The number opposite the end of the stain is the approximate hydrogen sulfide concentration. If the number of strokes used is different from the number specified by the manufacturer for a particular concentration, a correction must be made as follows:

$$\text{Corrected H}_2\text{S Conc.} = \text{Scale reading} \times \frac{\text{Specified Strokes}}{\text{Actual Strokes}}$$

5.7 Record temperature of gas flowing through gas sample container and barometric pressure to provide data for gas volume corrections if required.

6. CALCULATIONS

6.1 Gas volume corrections may be desirable to improve precision of results. The effect of temperature is usually negligible; however, the barometric pressure becomes significant at altitudes above 2,000 feet. Correction for barometric pressure is done as follows:

$$\text{Corr. PPMV} = \text{ppmv (read from tube)} \times \frac{760 \text{ mm Hg}}{\text{Baro. Press. mm Hg}}$$

6.2 Check with manufacturer if it becomes necessary to test at gas temperatures outside the 0 to 40°C range.

7. PRECISION

7.1 The following criteria should be used for judging the acceptability of hydrogen sulfide concentration when determined using a "length of stain" detector tube. (95% confidence limit)

7.1.1 *Repeatability*—Duplicate results by the same operator should be considered suspect if they differ by more than the following amounts:

Range of Sample Conc.	Repeatability
3-120	10% of amount found

7.1.2 *Reproducibility*—The results submitted by each of two laboratories should be considered suspect if the two results differ by more than the following amounts:

Range of Sample Conc.	Reproducibility
3-120	12% of amount present

Note 6—Precision limits shown above were obtained from raw data generated by 10-13 laboratories involved in cooperative testing of eight separate samples. Computations on the raw data were made using ASTM bulletin RR D-2-1007 "Manual on Determining Precision Data for ASTM Methods on Petroleum Products and Lubricants." The cooperative tests were completed prior to finalizing the method write-up.

Note 7—Cooperative test results indicate a major source of error to be in the variance in response from lot number to lot number of tubes as supplied by the manufacturer. The fidelity of a given lot number of tubes can be verified by calibrating one or more tubes using a gas with a known concentration of hydrogen sulfide.

TABLE I
Length of Stain Method for Determination of H₂S in Natural Gas
Reproducibility of Labs

	Samples Mean/Lab					
	Lab Fld Gas 9 ppm	Lab Fld Gas 93 ppm	Lab Permeation Tube—44 ppm	Ecospan 88 ppm	Ecospan 18 ppm	Fld Gas 35 ppm
Lab A	—	100	54	91	15	29
Lab B	—	101	42	89	13	28
Lab C	11	118	53	—	—	31
Lab E	9	—	47	84	14	—
Lab F	9	98	48	—	14	—
Lab G	—	—	43	79	21	29
Lab I	10	110	45	—	—	28
Lab J	9	91	43	86	10	29
Lab K	9	95	39	80	12	—
Lab P	7	98	—	86	9	38
Lab S	—	—	—	—	—	30
No. of Labs Participating	7	8	9	7	8	8
ppm H ₂ S Mean	9	101	46	85	13.5	30
% Error	0	3.1	4.5	3.4	25	14
Std. Deviation	1.2	8.7	5	4.4	3.6	3
Probable Error of Mean	.31	2.06	1.13	1.12	.87	.78
Probable Error	.81	5.83	3.38	2.96	2.5	2.2
Std. Deviation from Mean	.46	3.05	1.7	1.66	1.2	1.2
Std. Deviation for 95% Confidence Level	1.1	7.2	3.8	4.07	3.0	2.5

TABLE II
GPA Sulfur Analysis Work Group H₂S Data, May 11-June 7, 1976

Gas Source	PPM H ₂ S	% Error	Experimental Data—Detector Tubes		
			No. Determinations	PPM H ₂ S (Ave.)	
Ecospan	18	22%	38	14 ± 5	σ = 1.4
Ecospan	88	6%	36	83 ± 8	σ = 2.2
Permeation Tubes	44	5%	73	46 ± 8	σ = 1.6
Field Gas	9 ± 1*	11%	83	10 ± 3	σ = 0.55
Field Gas	98 ± 8*	5%	73	103 ± 13	σ = 2.53
Shamburger Lake Plant Inlet	35 ± 3*	11%	124	31 ± 4	σ = 0.79
Sun-Lateral #2	221 ± 15	2%	36	226 ± 13	σ = 4.75
Sun M. T. Cole #21	93 ± 7	9%	39	101 ± 6	σ = 2.2

σ (Standard Deviation for 95% Confidence Unit)

* Precision reflects repeatability of CdSO₄ method according to GPA Bulletin B-14

+ H₂S concentration was apparently continuously increasing during 4-5 hour period of CdSO₄ gas sampling. Determinations by detector tubes occurred near end of CdSO₄ method sampling and instrumental determinations even later.

TABLE III
Detector Tube H₂S Measurements by Tube Lot Numbers—June 7-8, 1976

Drager 5/b Ch29801 5-60 ppm Range								Average
Lot No.....	157091	1050184	1050185	1050126	1056371	1052101	255761	
No. Measurements.....	5	8	4	12	3	4	3	39
PPM H ₂ S.....	32 ± 1	30 ± 1	29 ± 1	29 ± 2	28 ± 0	29 ± 1	31 ± 1	30 ± 1
% Error.....	9%	14%	17%	17%	20%	17%	11%	17%
Gastec 4LL 0-60 ppm Range								Average
Lot No.....	51215	30710	30912	40113	40809	60116	50217	50913
No. Measurements.....	19	13	6	9	6	4	4	4
PPM H ₂ S.....	30 ± 2	28 ± 2	38 ± 1	35 ± 1	35 ± 1	28 ± 1	27 ± 1	30 ± 1
% Error.....	14%	20%	9%	3%	3%	20%	23%	14%
Field Gas Source								
Shamburger Lake Plant Inlet—35 PPM								

APPENDIX I
IGT COMBINED SAMPLE LOG

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Industries of Houston, Inc.
Eaton Operating Co., Inc.
3104 Edloe, Houston, Texas 77027

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/5	1008	Liquid, Raw, Untreated	Line from separator to disposal pit	Chloride	None
6/5	1040	Gas	Flare Line	H ₂ S	None
6/5	1320	Gas	Flare Line	Gas Chromatography	None
6/5	1330	H ₂ O	Laboratory De-Ionized H ₂ O	None	Used as reference blank
6/5	1437	Liquid, Raw, Untreated	After Separator	Suspended Solids	Solids saved for X-ray
6/5	1437	Liquid, Filtered, Untreated	After Separator	Dissolved Solids, Silica, Chloride	Solids saved for X-ray
6/5	1437	Liquid, Raw, Under Pressure	After Separator	Alkalinity	None
6/5	1437	Liquid, Raw, Under Pressure	After Separator	pH, Specific Conductance	None
6/5	1437	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None
6/5	1437	Liquid, Filtered, Untreated, Diluted 1:1 with H ₂ O	After Separator	Silica	None

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/5	1437	Liquid, Filtered, After Separator Untreated Diluted 1:4 with H ₂ O		Silica	None
6/5	1437	Liquid, Raw, After Separator Untreated		Sulfide, Temperature	None
6/5	1437	Liquid, Filtered, After Separator HNO ₃ - Acidified		NH ₃	Cu, As, Cr, Pb, Cl ⁻ Mn, Fe, Cd, Zn, Hg
6/5	1437	Liquid, Filtered After Separator HCl - Acidified		None	Ba, Sr, Na, K, Ca, Mg, SO ₄ ²⁻
6/5	1438	Gas Flare Line		Gas Chromatography	None
6/5	1458	Flare Line Gas		H ₂ S	None
6/5	1458	Liquid, Raw, After Separator Under Pressure		H ₂ S in Liberated Gas Sulfide in remaining brine	None
6/5	1610	Gas Flare Line		H ₂ S, Hg, NH ₃	None
6/5	1730	Solids, Liquids Filter Backflush Tank		None	To be determined
6/6	0827	Gas Flare Line		Gas Chromatography	None
6/6	1040	Gas Flare Line		Gas Chromatography	None
6/6	1040	Gas Flare Line		H ₂ S, SO ₂ + H ₂ S	None
6/6	1040	Liquid, Raw, After Separator Untreated		Suspended Solids	Solids saved for X-ray
6/6	1040	Liquid, Filtered, After Separator Untreated		Dissolved Solids, Silica, Chloride	Solids saved for X-ray

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/6	1040	Liquid, Raw, Under Pressure	After Separator	Alkalinity	None
6/6	1040	Liquid, Raw, Under Pressure	After Separator	pH, Specific Conductance	None
6/6	1040	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None
6/6	1040	Liquid, Filtered, Untreated, Diluted 1:1 with H ₂ O	After Separator	Silica	None
6/6	1040	Liquid, Filtered, Untreated, Diluted 1:4 with H ₂ O	After Separator	Silica	None
6/6	1040	Liquid, Raw, Untreated	After Separator	Sulfied, Temperature	None
6/6	1040	Liquid, Filtered, HNO ₃ - Acidified	After Separator	NH ₃	Cu, As, Cr, Pb, Cl ⁻ Mn, Fe, Cd, Zn, Hg
6/6	1040	Liquid, Filtered, HCl - Acidified	After Separator	None	Ba, Sr, Na, K, Ca, Mg, SO ₄ ²⁻
6/6	1040	Liquid, Raw, Under Pressure	After Separator	H ₂ S in Liberated Gas, Sulfide in remaining brine	None
6/6	1240	Gas	Flare Line	Hg, NH ₃	None

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the

INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/6	1957	Gas	Flare Line	Gas Chromatography	None
6/6	1957	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None
6/7	1000	Gas	Flare Line	Gas Chromatography	None
6/7	1028	Gas	Flare Line	Gas Chromatography	None
6/7	1028	Gas	Flare Line	H ₂ S	None
6/7	1028	Liquid, Raw, Untreated	After Separator	Suspended Solids	Solids saved for X-ray
6/7	1028	Liquid, Filtered, Untreated	After Separator	Dissolved Solids, Silica, Chloride	Solids saved for X-ray
6/7	1028	Liquid, Raw, Under Pressure	After Separator	Alkalinity	None
6/7	1028	Liquid, Raw, Under Pressure	After Separator	pH, Specific Conductance	None
6/7	1028	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None
6/7	1028	Liquid, Raw, Untreated Diluted 1:1 with H ₂ O	After Separator	Silica	None

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/7	1028	Liquid, Raw, Untreated, Diluted 1:4 with H ₂ O	After Separator	Silica	None
6/7	1028	Liquid, Raw, Untreated	After Separator	Sulfide, Temperature	None
6/7	1028	Liquid, Raw, Under Pressure	After Separator	H ₂ S in Liberated Gas Sulfide in remaining brine	None
6/7	1028	Liquid, Filtered, HNO ₃ - Acidified	After Separator	NH ₃	Cu, As, Cr, Pb, Cl ⁻ Mn, Fe, Cd, Zn, Hg
6/7	1028	Liquid, Filtered, HCl - Acidified	After Separator	None	Ba, Sr, Na, K, Ca, Mg, SO ₄ ²⁻
6/7	1038	Gas	Flare Line	None	Mass Spectrometer
6/8	1001	Gas	Flare Line	Gas Chromatography	None
6/8	1001	Liquid, Raw, Untreated	After Separator	Suspended Solids	Solids saved for X-ray
6/8	1001	Liquid, Filtered, Untreated	After Separator	Dissolved Solids, Silica, Chloride	Solids saved for X-ray
6/8	1001	Liquid, Raw, Under Pressure	After Separator	Alkalinity	None
6/8	1001	Liquid, Raw, Under Pressure	After Separator	pH, Specific Conductance	None
6/8	1001	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the

INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/8	1001	Liquid, Filtered, Untreated Diluted 1:1 with H ₂ O	After Separator	Silica	None
6/8	1001	Liquid, Filtered, Untreated Diluted 1:4 with H ₂ O	After Separator	Silica	None
6/8	1001	Liquid, Raw, Untreated	After Separator	Sulfide, Temperature	None
6/8	1001	Liquid, Filtered, HNO ₃ - Acidified	After Separator	NH ₃	Cu, As, Cr, Pb, Cl ⁻ Mn, Fe, Cd, Zn, Hg
6/8	1001	Liquid, Filtered HCl - Acidified	After Separator	None	Ba, Sr, Na, K, Ca, Mg, SO ₄ ⁻
6/8	1001	Liquid, Raw, Under Pressure	After Separator	H ₂ S in Liberated Gas, Sulfide in remaining brine	None
6/8	1300	Oil - H ₂ O Emulsion	H ₂ O Leg of Small Second Separator	None	To be determined
6/8	1310	Oil - H ₂ O Emulsion	Oil Leg of Small Second Separator	None	To be determined
6/8	1320	Oil - H ₂ O Emulsion	Oil Leg of Small Second Separator	None	To be determined
6/8	1500	Oil - H ₂ O Emulsion	Oil Leg of Small Second Separator	None	To be determined
6/8	1514	Gas	Top of Separator	Gas Chromatography	None
6/8	1612	Liquid, Raw, Under Pressure	After Separator	Alkalinity	None

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the

INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/8	1612	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ remaining brine	None
6/8	1612	Gas	Flare Line	Gas Chromatography	None
6/8	1616	Gas	Top of Separator	None	Mass Spectrometry
6/8	1650	Oil-H ₂ O Emulsion	Oil Leg of Second Small Separator	None	To be determined
6/9	0845	Gas	Flare Line	Gas Chromatography	None
6/9	0845	Gas	Flare Line	H ₂ S, Hg, NH ₃	None
6/9	0845	Liquid, Raw, Under Pressure	After Separator	Alkalinity	None
6/9	0845	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None
6/9	0845	Liquid, Raw, Under Pressure	After Separator	H ₂ S on Liberated Gas, Sulfide on remaining brine	None
6/9	0845	Liquid, Raw, Untreated	After Separator	Sulfide, Temperature	None
6/9	0845	Liquid, Filtered, Untreated	After Separator	Dissolved Solids, Chloride	None
6/9	0900	Gas	Top of Separator	H ₂ S	None
6/9	0945	Gas	Flare Line	Gas Chromatography	None

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the

INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/9	1050	Oil - H ₂ O Emulsion	H ₂ O Leg of Second Small Separator	None	To be determined
6/9	2102	Gas	Flare Line	Gas Chromatography	None
6/9	2102	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None
6/9	2102	Liquid, Raw, Under Pressure	After Separator	Alkalinity	None
6/9	2102	Liquid, Raw, Under Pressure	After Separator	H ₂ S on Liberated Gas, Sulfide on remaining brine	None
6/9	2104	Gas	Flare Line	H ₂ S	None
6/9	2213	Liquid, Raw, Under Pressure	After Separator	None	To be determined
6/9	2217	Liquid, Raw, Under Pressure	After Separator	None	To be determined
6/9	2221	Liquid, Raw, Under Pressure	After Separator	None	To be determined
6/9	2227	Liquid, Raw, Under Pressure	After Separator	None	To be determined
6/10	0800	Brine and Solids	Scale Coupon Point	None	To be determined
6/10	0800	Brine, Oil, and Solids	Separator Outlet Sideport	None	To be determined
6/10	0800	Oil - Brine Emulsion	Separator	None	To be determined
6/10	0800	Solids and Brine	Separator Inlet Sideport	None	To be determined

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/10	0800	Oil - Brine Emulsion	Separator	None	To be determined
6/10	0800	Oil - Brine Emulsion	H ₂ O Leg of Second Small Separator	None	To be determined
6/10	0800	Oil - Brine Emulsion	H ₂ O Leg of Second Small Separator	None	To be determined
6/10	1145	Solids	Filter Backflush Tank	None	To be determined
6/16	1130	Solids	Flange on upstream side of wellhead turbine	None	To be determined
6/16	1130	Solids	Between Choke and Scale Coupon Skid	None	To be determined
6/17	1049	Gas	Flare Line	Gas Chromatography	None
6/17	1050	Gas	Flare Line	H ₂ S, NH ₃	None
6/17	1050	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None
6/17	1050	Liquid, Raw, Under Pressure	After Separator	Alkalinity and Sulfide on Brine, H ₂ S on Liberated Gas	None
6/17	1250	Liquid, Filtered	Scale Coupon Skid	None	To be determined
6/17	1515	Liquid, Filtered	Scale Coupon Skid	None	To be determined

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/17	1900	Solids	Separator	None	To be determined
6/23	1035	Gas	Flare Line	Gas Chromatography	None
6/23	1040	Liquid, Raw, Untreated	After Separator	Suspended Solids	Solids saved for X-ray
6/23	1040	Liquid, Filtered, Untreated	After Separator	Dissolved Solids, Silica, Chloride	Solids saved for X-ray
6/23	1040	Liquid, Raw, Under Pressure	After Separator	pH, Specific Conductance	None
6/23	1040	Liquid, Raw, Under Pressure	After Separator	Alkalinity and Sulfide on Brine, H ₂ S on Liberated Gas	None
6/23	1040	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on Remaining Brine	None
6/23	1040	Liquid, Filtered, HNO ₃ - Acidified	After Separator	NH ₃	Cu, As, Cr, Pb, Cl ⁻ Mn, Fe, Cd, Zn, Hg
6/23	1040	Liquid, Filtered, HCl - Acidified	After Separator	None	Ba, Sr, Na, K, Ca, Mg, SO ₄ ²⁻
6/23	1040	Liquid, Raw, Untreated	After Separator	Sulfide, Temperature	None
6/23	1040	Liquid, Filtered, Untreated, Diluted 1:1 with H ₂ O	After Separator	Silica	None

I-10

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/23	1040	Liquid, Filtered, After Separator Untreated, Diluted 1:4 with H ₂ O		Silica	None
6/23	1517	Gas	Flare Line	Gas Chromatography	None
6/23	1652	Gas	Flare Line	Gas Chromatography	None
6/23	1655	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None
6/24	1012	Gas	Flare Line	Gas Chromatography	None
6/24	1038	Gas	Flare Line	Gas Chromatography	None
6/24	1040	Liquid, Raw, Untreated	After Separator	Suspended Solids	Solids saved for X-ray
6/24	1040	Liquid, Filtered, After Separator Untreated		Dissolved Solids, Silica, Chloride	Solids saved for X-ray
6/24	1040	Liquid, Raw, Under Pressure	After Separator	pH, Specific Conductance	None
6/24	1040	Liquid, Raw, Under Pressure	After Separator	Alkalinity and Sulfide on Brine, H ₂ S on Liberated Gas	None
6/24	1040	Liquid, Raw, Under Pressure	After Separator	Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None
6/24	1040	Liquid, Raw Untreated	After Separator	Temperature, Sulfide	None

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/24	1040	Liquid, Filtered, After Separator HNO ₃ - Acidified		NH ₃	Cu, As, Cr, Pb, Cl ⁻ Mn, Fe, Cd, Zn, Hg
6/24	1040	Liquid, Filtered, After Separator HCl - Acidified		None	Ba, Sr, Na, K, Ca, Mg, SO ₄
6/24	1040	Liquid, Filtered, After Separator Untreated, Diluted 1:1 with H ₂ O		Silica	None
6/24	1040	Liquid, Filtered, After Separator Untreated, Diluted 1:4 with H ₂ O		Silica	None
6/25	0911	Gas	Flare Line	None	Mass Spectrometry
6/25	0915	Gas	Flare Line	Gas Chromatography	None
6/25	0923	Gas	Flare Line	H ₂ S	None
6/25	0925	Liquid, Raw, After Separator Untreated		Suspended Solids	Solids saved for X-ray
6/25	0925	Liquid, Filtered, After Separator Untreated		Dissolved Solids, Silica, Chloride	Solids saved for X-ray
6/25	0925	Liquid, Raw, After Separator Under Pressure		pH, Specific Conductance	None
6/25	0925	Liquid, Raw, After Separator Under Pressure		Alkalinity and Sulfide on the Brine, H ₂ S on the Liberated Gas	None
6/25	0925	Liquid, Raw, After Separator Under Pressure		Gas Chromatography on Liberated Gas, Total CO ₂ on remaining brine	None

I-12

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/25	0925	Liquid, Raw, Untreated	After Separator	Temperature, Sulfide	None
6/25	0925	Liquid, Filtered, HNO ₃ - Acidified	After Separator	NH ₃	Cu, As, Cr, Pb, Cl ⁻ Mn, Fe, Cd, Zn, Hg
6/25	0925	Liquid, Filtered, HCl - Acidified	After Separator	None	Ba, Sr, Na, K, Ca, Mg, SO ₄ ⁻
6/25	0925	Liquid, Raw, Untreated	After Separator	Temperature, Sulfide	None
6/25	0925	Liquid, Raw, Untreated, Diluted 1:1 with H ₂ O	After Separator	Silica	None
6/25	0925	Liquid, Raw, Untreated, Diluted 1:4 with H ₂ O	After Separator	Silica	None
6/25	0925	Gas	Flare Line	None	To be determined
6/25	0930	Liquid, Raw, Untreated	After Separator	None	To be determined
6/25	0930	Liquid, Raw, Untreated	After Separator	None	To be determined
6/25	0930	Liquid, Raw, Untreated	After Separator	None	To be determined
6/25	0935	Oil - H ₂ O Emulsion Under Pressure	Oil Leg of Second Small Separator	None	To be determined

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2

Samples Collected by the
INSTITUTE OF GAS TECHNOLOGY

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/25	0950	Oil - H ₂ O Emulsion	H ₂ O Leg and Oil Leg of Second Small Separator	None	To be determined
6/25	1000	Oil	Separator	None	To be determined
6/25	1000	Oil, Brine and Solids	Inlet Side port of Primary Separator	None	To be determined
6/25	1000	Oil, Brine and Solids	Inlet Side port of Primary Separator	None	To be determined

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2
Samples Collected

by

NcNeese State University

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be
					Performed Off-Site
6/7/81	1100	Liquid, Filtered, HNO ₃ - Acidified	After Separator	None	Cu, As, Cr, Pb, Cl ⁻ , Mn, Fe, Cd, Hg, Zn
6/7/81	1100	Liquid, Filtered, Untreated	After Separator	Dissolved Solids, Cl ⁻ , SiO ₂ , NH ₃	B, F ⁻
6/7/81	1100	Liquid, Filtered, Untreated, Diluted 1:4	After Separator	None	SiO ₂
6/7/81	1100	Liquid, Filtered, Untreated, Diluted 1:2	After Separator	None	SiO ₂
6/7/81	1100	Liquid, Filtered, HCl - Acidified	After Separator	None	Ba, Sr, Na, K, Ca, Mg, SO ₄ ²⁻
6/7/81	1100	Liquid, Raw, HCl - Acidified	After Separator	None	Ra-226, gross, α, β, γ
6/7/81	1100	Liquid, Raw, Untreated	After Separator	pH, T, Specific Conductivity, Alkalinity	None
6/7/81	1100	Gas	After Separator	None	Cl-C6+, He, CO ₂ , NH ₃ , N ₂ , O ₂ , H ₂ , H ₂ S, Rn-222

Samples Collected by the
Rice University Design and Development Institute

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/17	1250	Liquid, Raw, Untreated	Data Mainfold between Choke Skid and Separator ("Tee" on bottom of line)	Conductance, Alkalinity, Ca^{++} , Cl^- , Total Fe, Fe^{2+} , SiO_2 , PO_4^{3-}	None
6/17	1505	Liquid, Raw, Untreated	Same as above	Same as above plus Phosphonate	None
6/17	1605	Liquid, Raw, Untreated	Same as above	Same as above plus Phosphonate	None

Sample Log: MARTIN-CROWN ZELLERBACH WELL NO. 2
 Samples Collected
 by the
 Institute of Gas Technology
 for the
 U.S. Geological Survey, NSTL Station, MS
 and U.S. Geological Survey, Denver, CO

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/5	1437	Liquid, Filtered, HCl - Acidified	After Separator	None	Radium
6/6	1040	Liquid, Filtered, HCl - Acidified	After Separator	None	Radium
6/7	1028	Liquid, Filtered, HCl - Acidified	After Separator	None	Radium
6/8	1001	Liquid, Filtered, HCl - Acidified	After Separator	None	Radium
6/8	1420	Gas	Flare Line	None	Radon, Gas Chromatography - Mass Spectrometry, Carbon Isotope Ratios
6/9	1019	Liquid, Filtered, HCl - Acidified	After Separator	None	Radium
6/8	1420	Liquid, Filtered	After Separator	None	Uranium, Uranium activity ratio
6/25	0925	Gas	Flare Line	None	Radon
6/23	1040	Liquid, Filtered, HCl - Acidified	After Separator	None	Radium
6/24	1040	Liquid, Filtered, HCl - Acidified	After Separator	None	Radium
6/25	0925	Liquid, Filtered, HCl - Acidified	After Separator	None	Radium

Samples Collected and Analyzed
by
Weatherly Laboratory

Date	Time	Sample Type	Sample Location	Wellsite Tests	Tests to be Performed Off-Site
6/6		Gas	Off Separator	None	PVT Analysis
6/6		Liquid, Raw, Untreated	After Separator	None	PVT Analysis

APPENDIX J
WEATHERLY LABORATORIES REPORT ON
RESERVOIR FLUIDS STUDY

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Industries of Houston, Inc.
Eaton Operating Co., Inc.
3104 Edloe, Houston, Texas 77027

RESERVOIR FLUID ANALYSIS

For

**Crown Zellerbach Well No. 2
Livingston Field
Livingston Parish, Louisiana**

J. E. Weatherly, Jr.
President

WEATHERLY LABORATORIES, INC.
223 Georgette Lafayette, Louisiana 70506
Phone (318) 232-4877
(318) 232-4604 24 Hours

John D. Neal
Vice President

Petroleum Engineers

August 28, 1981

Institute of Gas Technology/Eaton
3424 South State Street
Chicago, Illinois 60616

Attention: Dr. Philip L. Randolph

Re: Reservoir Fluid Study
Crown Zellerbach Well No. 2
Livingston Field
Livingston Parish, Louisiana

Gentlemen:

The following pages present the results of physical and chemical characteristics of recombined reservoir fluid (water). Separator samples were taken from the subject well on June 6, 1981 by a representative of Weatherly Laboratories, Inc.

Several gas-water ratios were recombined to determine a gas-water ratio-vs-saturation pressure curve. A pressure-volume relation, a differential liberation and viscosity determination was then performed on reservoir water recombined to the produced gas-water ratio at the time of sampling.

We appreciate this opportunity to be of service to you. Should there be any questions concerning this report, please contact us.

Very truly yours,

John Neal

2cc: Eaton Operating Co., Inc.
3100 Edloe St. Suite 205
Houston, TX 77027
Attention: Mr. Don Clark

Crown Zellerbach Well No. 2 Geopressure/Geothermal Project
Sampling and Laboratory Procedure

- 1) Water vapor content of separator gas was determined by flowing gas from a metering valve on the separator gas meter run through a weighing tube (indicator Drierite (CaSO_4) weighed to 0.1 milligram) to a G.C.A./Precision Scientific wet test meter. Separator gas samples were taken from the same place into evacuated 1 gallon stainless steel (S.S.) cylinders after thorough purging of transfer line at separator pressure. Separator liquid sample cylinders (500 ml. S.S.) were first charged with separator gas to full separator pressure. The liquid cylinders were then connected to the separator water sampling point by a S.S. tube long enough to loop through a cooling bath. The water transfer line was then slowly and thoroughly purged at the cylinder. Separator water was let into the cylinder by slowly bleeding gas from the top valve. At no time was the water caught in the cylinder allowed to drop below separator pressure.
- 2) Flash liberation of gas from separator water was accomplished by using a weighed separator flask. This separator flask was connected to the outlet of a separator water cylinder by a short capillary line. Gas from the separator flask passed through a weighed drying tube through a glass cylinder (~ 300 ml.) to a Ruska Gasometer. A vacuum valve and a mercury manometer was connected to the gas manifold between the drying tube and the gasometer. Before commencing the flash, the entire flash gas manifold was evacuated and then filled with Helium to atmospheric pressure. A known volume of separator water was pushed out of the sample cylinder at a pressure slightly above field separator pressure by use of a calibrated mercury pump. The volume of stock tank water produced was determined by its weight and density. The volume of dry gas evolved was determined with the gasometer. This gas volume was subject to $\pm 2\%$ error due to the very small amounts measured. The gas was charged to a chromatograph for analysis from the glass cylinder.
- 3) Physical recombination of separator effluents:
Dry separator gas was charged into a temperature controlled cell. The volume of this windowed cell is known for any pressure and temperature. The pressure of the gas in the cell was measured with a mercury manometer and a barometer. This calculated gas volume was subject to $\pm 1\%$ error due to the small amount charged to the cell. A volume of separator water was charged into the windowed cell by use of a calibrated mercury pump. The water was metered and measured at a pressure slightly above field separator pressure. Three recombinations were done in order to produce a saturation pressure-vs-gas-water ratio curve. A fourth recombination was done using the produced gas-water ratio at the time of sampling.

- 4) Pressure-volume relations of recombined reservoir fluid at reservoir temperature:

Each datum of pressure-volume relations was corrected for mercury pump calibration, manifold expansion, mercury compressibility, cell expansion and mercury thermal expansion. Liquid volume percent was determined by calibrated cathetometer and by data interpretation.

- 5) Differential liberation of reservoir fluid at reservoir temperature:

Gas from each pressure decrement of the differential liberation was measured and analyzed in the same manner as described in 2), (flash liberation). Differential liquid changes were noted.

- 6) Viscosity of reservoir fluid was measured by Mr. J.R. Comeau of Weatherly Laboratories. A description of Mr. Comeau's experimental procedures is given below:

Geothermal water viscosities were measured using an E.L.I. Rolling Ball Viscometer with an electronic detection system to prevent electrolysis. The detection system consists of a sensitive audio amplifier with a positive feedback adjusted just below oscillation. An electronic timer was turned on by an automatic switch as the viscometer was inverted at the beginning of the cycle and turned off when the ball made contact. Times were measured to 1/100 th of a second and averaged. Times were required to agree within 1/100 th of a second. The viscometer was previously calibrated at each of the three angles using several known viscosity standards which were checked against Cannon-Fenske Viscometer and the results ($t\Delta\rho$ vs. μ) plotted.

t = roll time, (seconds)

$\Delta\rho$ = density difference between ball and reservoir fluid, (gm./ml.)

μ = viscosity, (centipoise)

The viscometer was also calibrated using distilled water at several temperatures. The combined results were used to obtain the calibration curves and determine the best angles to use for viscosity determinations. A weighted average result of the two best angles was used to obtain viscosity. The calibration curves produced consistent agreement between each of the three different angles.

The viscometer was charged with reservoir fluid and run at 327°F at ~1000 lb. intervals. The viscosities had a probable error of ± 0.002 centipoise. A maximum error of ± 0.04 is shown because of increased roll times obtained from deposits. This has been corrected for in the reported viscosity.

Field Data for Weatherly Laboratory Investigation

Well Record

Company
Well
Field
Parish and State

Institute of Gas Technology
Crown Zellerbach No. 2
Livingston
Livingston, Louisiana

Field Characteristics

Formation Name
Sand Name or Designation
Date Completed
Original Reservoir Pressure

Well Characteristics

Original Produced Gas-Liquid Ratio

Perforations	16462 - 16490	ft.
Elevations		
Total Depth		
Last Reservoir Pressure	10075	psia
Reservoir Temperature	327	°F

Sampling Conditions

Date Sampled	6-6-81	
Tubing Pressure, Flowing		
Primary Separator Temperature	H ₂ O @ 191°F, gas @ 92	°F
Primary Separator Pressure	270	psig
Primary Separator Gas Rate	dry 80.85, wet 81.05	MCF/day
Separator Liquid Rate	2544	Bbls./day
Gas-Liquid Ratio (Separator)	dry 31.78, wet 31.86	SCF/Bbl. Sep. H ₂ O
Shrinkage Factor	$\frac{\text{Vol. S.T. Liq. @ 60°F}}{\text{Vol. Sep. Liq. @ 270 psig \& 191°F}}$	0.9679
Gas-Liquid Ratio (Stock Tank)	dry 32.83, wet 32.92	SCF/Bbl. S.T. H ₂ O
Pressure Base	15.025	psia @ 60°F

Institute of Gas Technology, Inc.
Crown Zellerbach Well No. 2
Livingston Field

Reservoir Fluid Summary

Reservoir Temperature, °F	327
Saturation Pressure at 327 °F, Psia	5584 ± 45
Compressibility of Reservoir Oil at 327°F	
Vol. per Vol. per Psi x 10 ⁶	
From 5584 Psia to 8005 Psia	3.26
From 8005 Psia to 10075 Psia	3.12
Saturated Oil at 5403 Psia, 327 °F	
Density, Gms. per Ml.	0.9439
Lbs. per Bbl.	330.8
Specific Volume, Cu.Ft. per Lb.	0.01697
Viscosity, Centipoise	0.299 ± 0.04
Formation Volume Factor, Bbls. per Bbl.	
"Residual Stock Tank Oil" at 60°F	1.0880
Solution Gas-Oil Ratio, Cu.Ft. per Bbl.	
"Residual Stock Tank Oil" at 60°F	dry 38.0
	wet 44.1
Reservoir Oil at 10075 Psia 327°F	
Density, Gms. per Ml.	0.9575
Lbs. per Bbl.	335.6
Specific Volume, Cu.Ft. per Lb.	0.01673
Viscosity, Centipoise	0.314 ± 0.04
Formation Volume Factor, Bbl. per Bbl.	
"Residual Stock Tank Oil" at 60°F	1.0724
Thermal Expansion at	Psia, % per °F

IGT - Crown Zellerbach Well No. 2

COMPOSITE LABORATORY DATA AT 327 °F

Recombination(1): 39.04 SCF dry Sep. Gas @ 15.025 psia & 60°F/Bbl. Sep. Water @ Sep. Cond.

PRESSURE, PSIA	PRESSURE VOLUME RELATIONS			OIL VISCOSITY Centipoises				
	RELATIVE VOLUME V/Vsat Bt	SPECIFIC VOLUME cu. ft. Per Pound	Liquid Volume Percent		FORMATION VOLUME FACTOR Bo **	RELATIVE OIL VOLUME	SOLUTION GAS-OIL RATIO	
							Per Bbl. Stock Tank Oil at 60°F	
						dry	wet	
							**	
10075	0.9923	0.01677	100.00					
9000	0.9955	0.01682	100.00					
8008	0.9986	0.01688	100.00					
7538 B.P.	1.0000	0.01690	100.00		1.0869		45.4	45.6
<hr/>								
7500	1.0001	0.01690	bubble					
7004	1.0017	0.01693	99.99					
6002	1.0053	0.01699	99.94					
5021	1.0105	0.01708	99.71					
4003	1.0180	0.01720	99.28					
3004	1.0295	0.01740	98.48					
2001	1.0538	0.01781	96.50					
1000	1.1400	0.01927	89.47					
302	1.7473	0.02954	57.3					
112	6.5513	0.11072	15.4					

NOMENCLATURE:

V/V_{sat}. is the volume of fluids (oil and gas) at the indicated temperature and pressure relative to the volume of saturated oil at bubble-point pressure and indicated temperature.

B_o is the volume of oil at reservoir temperature and indicated pressure relative to the volume of equivalent stock tank oil measured at 60°F.

Gas-Oil Ratio, is cubic feet of gas at 15.025 psia at 60°F, per barrel of residual oil at 60°F.

Note: * indicates value measured at 60°F.

** based on separator water flash.
References to "oil" above should read "water".

IGT - Crown Zellerbach Well No. 2

COMPOSITE LABORATORY DATA AT 327 °F

Recombination(2): 19.52 SCF dry Sep. Gas @ 15.025 psia & 60°F/Bbl. Sep. Water @ Sep. Cond.

PRESSURE, PSIA	PRESSURE VOLUME RELATIONS			OIL VISCOSITY Centipoises	SOLUTION GAS-OIL RATIO			
	RELATIVE VOLUME V/Vsat B+	SPECIFIC VOLUME cu. ft. Per Pound	Liquid Volume Percent		FORMATION VOLUME FACTOR Bo **	RELATIVE OIL VOLUME	Per Bbl. Stock Tank Oil at 60°F	
							dry	wet
							**	
10075	0.9769	0.01666	100.00					
8508	0.9813	0.01673	100.00					
7007	0.9859	0.01681	100.00					
5015	0.9922	0.01692	100.00					
3022	0.9994	0.01704	100.00					
2878 B.P.	1.0000	0.01705	100.00		1.0924		25.3	25.4
<hr/>								
2503	1.0036	0.01711	99.78					
2002	1.0109	0.01724	99.24					
1500	1.0241	0.01746	98.14					
1000	1.0546	0.01798	95.47					
179	2.0005	0.03411	50.5					

NOMENCLATURE:

V/Vsat. is the volume of fluids (oil and gas) at the indicated temperature and pressure relative to the volume of saturated oil at bubble-point pressure and indicated temperature.

Bo is the volume of oil at reservoir temperature and indicated pressure relative to the volume of equivalent stock tank oil measured at 60°F.

Gas-Oil Ratio, is cubic feet of gas at 15.025 psia at 60°F, per barrel of residual oil at 60°F.

Note: * indicates value measured @ 60°F.

** based on separator flash.

References to "oil" above should read "water".

IGT - Crown Zellerbach Well No. 2

COMPOSITE LABORATORY DATA AT 327 °F

Recombination(3): 9.76 SCF dry Sep. Gas @ 15.025 psia & 60°F/Bbl. Sep. Water @ Sep. Cond.

PRESSURE, PSIA	PRESSURE VOLUME RELATIONS			OIL VISCOSITY Centipoises				
	RELATIVE VOLUME V/Vsat Bt	SPECIFIC VOLUME cu. ft. Per Pound	Liquid Volume Percent		FORMATION VOLUME FACTOR Bo **	RELATIVE OIL VOLUME	SOLUTION GAS-OIL RATIO	
							Per Bbl. Stock Tank Oil at 60°F	
							dry	Wet
							**	
10075	0.9711	0.01661	100.00					
8509	0.9758	0.01669	100.00					
7000	0.9805	0.01677	100.00					
5021	0.9870	0.01688	100.00					
2999	0.9942	0.01700	100.00					
1501 B.P.	1.0000	0.01710	100.00		1.0938		15.2	15.3
1000	1.0149	0.01735	98.74					
500	1.0793	0.01846	93.04					
332	1.1705	0.02002	85.3					

NOMENCLATURE:

V/Vsat. is the volume of fluids (oil and gas) at the indicated temperature and pressure relative to the volume of saturated oil at bubble-point pressure and indicated temperature.

Bo is the volume of oil at reservoir temperature and indicated pressure relative to the volume of equivalent stock tank oil measured at 60°F.

Gas-Oil Ratio, is cubic feet of gas at 15.025 psia at 60°F, per barrel of residual oil at 60°F.

Note: * indicates value measured @ 60°F.

** based on separator water flash.
References to "oil" above should read "water".

IGT - Crown Zellerbach Well No. 2

COMPOSITE LABORATORY DATA AT 327 °F

Recombination(4): 31.78 SCF dry Sep. Gas @ 15.025 psia & 60°F/Bbl. Sep. Water @ Sep. Cond.

PRESSURE, PSIA	PRESSURE VOLUME RELATIONS			OIL VISCOSITY Centipoises	DIFFERENTIAL LIBERATION			
	RELATIVE VOLUME V/V _{sat} Bt	SPECIFIC VOLUME cu. ft. Per Pound	Liquid Volume Percent		FORMATION VOLUME FACTOR B _o	RELATIVE OIL VOLUME	SOLUTION GAS-OIL RATIO	
							Per Bbl. Stock Tank Oil at 60°F	
							dry	Wet
10075 Res.	0.9857	0.01673	100.00	0.314+0.04	1.0724	0.9857	38.0	44.1
9000	0.9890	0.01678	100.00	0.308	1.0760	0.9890	38.0	44.1
8005	0.9921	0.01684	100.00	0.304	1.0794	0.9921	38.0	44.1
7008	0.9952	0.01689	100.00	0.301	1.0828	0.9952	38.0	44.1
6000	0.9985	0.01694	100.00	0.299	1.0864	0.9985	38.0	44.1
5584 B.P.	1.0000	0.01697	100.00	0.299	1.0880	1.0000	38.0	44.1
5000	1.0028	0.01702	99.89	0.306				
4000	1.0089	0.01712	99.62	0.333	1.0912	1.0029	34.0	39.5
3000	1.0186	0.01729	98.99					
2500	1.0271	0.01743	98.33	0.447	1.0941	1.0056	28.1	33.2
2000	1.0385	0.01762	97.40					
1000	1.1083	0.01881	91.56		1.0967	1.0080	18.6	23.2
353	1.4737	0.02501	68.3					
188	2.3263	0.03948	43.6					
142	3.1792	0.05395	31.3					
15								
15*					1.0000	0.9191	0.0	0.0

NOMENCLATURE:

V/V_{sat}. is the volume of fluids (oil and gas) at the indicated temperature and pressure relative to the volume of saturated oil at bubble-point pressure and indicated temperature.

B_o is the volume of oil at reservoir temperature and indicated pressure relative to the volume of equivalent stock tank oil measured at 60°F.

Gas-Oil Ratio, is cubic feet of gas at 15.025 psia at 60°F, per barrel of residual oil at 60°F.

Note: * indicates value measured @ 60°F

References to "oil" above should read "water".

Effect of Gas-Water Ratio Upon Bubble Point Pressure @ 327°F

Gas-Water Ratio		Bubble Point
(SCF Sep. Gas @ 15.025 psia & 60°F) (Bbl. Sep. Water @ 270 psig & 191°F)		(PSIA)
(dry)	(wet)	
47.8	47.9 (extrapolated)	10075 (Reservoir)
39.04	39.14	7538 $\pm$ 40
31.78	31.86*	5584 $\pm$ 45
19.52	19.57	2878 $\pm$ 31
9.76	9.78	1501 $\pm$ 32

* Produced day of sampling, June 6, 1981

Separator Water Flash to 0 psig & 72°F

Solution Gas-Water Ratio, dry = 5.1

wet = 5.2 $\frac{\text{SCF gas @ 15.025 psia \& 60°F}}{\text{Bbl. water @ 0 psig \& 60°F}}$

Shrinkage = 0.9679 $\frac{\text{Vol. Stock Tank H}_2\text{O @ 60°F}}{\text{Vol. Sep. H}_2\text{O @ 270 psig \& 191°F}}$

Stock Tank Water Density = 1.0214 Gm./Ml. @ 60°F

Gas Gravity, dry = 1.1886 (see analysis)
wet = 1.1802

June 6, 1981:

GWR = 32.8 + 5.1 = 37.9 $\frac{\text{SCF total dry gas}}{\text{Bbl. Stock Tank Water @ 60°F}}$

GWR = 32.9 + 5.2 = 38.1 $\frac{\text{SCF total wet gas}}{\text{Bbl. Stock Tank Water @ 60°F}}$

IGT - Crown Zellerbach Well No. 2

Separator gas sampled:
6-6-81 @
270 psig & 92°F

CHROMATOGRAPHIC ANALYSIS

	Dry	Wet
	Mole %	
Water		0.26
Carbon Dioxide	22.60	22.54
Nitrogen	0.26	0.26
Methane	72.45	72.26
Ethane	3.81	3.80
Propane	0.59	0.59
Iso-Butane	0.08	0.08
N-Butane	0.07	0.07
Iso-Pentane	0.02	0.02
N-Pentane	0.01	0.01
Hexanes	0.04	0.04
Heptanes Plus	0.07	0.07
Total	100.00	100.00

Gravity (Air=1.0) 0.8034 0.8030

Flow line gas, on site determination on 5-31-81:

Hydrogen Sulfide : Nil (< 1 PPM)

Carbon Dioxide : 6.0 mole %

IGT - Crown Zellerbach Well No. 2

Solution gas from
Separator Water Flash
@ 0 psig & 73°F
(Calculated Nitrogen free)

CHROMATOGRAPHIC ANALYSIS

	Dry	Wet
	<u>Mole %</u>	
Water		1.48
Carbon Dioxide	64.86	63.90
Nitrogen	0.00	0.00
Methane	33.58	33.08
Ethane	1.40	1.38
Propane	0.14	0.14
Iso-Butane	0.01	0.01
N-Butane	0.01	0.01
Iso-Pentane	0.00	0.00
N-Pentane	0.00	0.00
Hexanes	0.00	0.00
Heptanes Plus	0.00	0.00
Total	<u>100.00</u>	<u>100.00</u>
Gravity (Air=1.0)	1.1886	1.1802

IGT - Crown Zellerbach Well No. 2

Solution gas from 4000 psia
gas displacement - Differential Liberation
(Calculated Nitrogen free)

CHROMATOGRAPHIC ANALYSIS

	Dry	Wet
	Mole %	
Water		13.95
Carbon Dioxide	8.85	7.62
Nitrogen	0.00	0.00
Methane	82.61	71.09
Ethane	6.56	5.64
Propane	1.46	1.26
Iso-Butane	0.22	0.19
N-Butane	0.18	0.15
Iso-Pentane	0.06	0.05
N-Pentane	0.06	0.05
Hexanes	0.00	0.00
Heptanes Plus	0.00	0.00
Total	100.00	100.00
Gravity (Air=1.0)	0.6934	0.6834

IGT - Crown Zellerbach Well No. 2

Solution gas from 2500 psia
gas displacement - Differential Liberation
(Calculated Nitrogen free)

CHROMATOGRAPHIC ANALYSIS

	Dry	Wet
	Mole %	
Water		6.39
Carbon Dioxide	11.05	10.34
Nitrogen	0.00	0.00
Methane	82.78	77.50
Ethane	5.09	4.76
Propane	0.83	0.78
Iso-Butane	0.10	0.09
N-Butane	0.09	0.08
Iso-Pentane	0.03	0.03
N-Pentane	0.03	0.03
Hexanes	0.00	0.00
Heptanes	0.00	0.00
Total	100.00	100.00

Gravity (Air=1.0)	0.6972	0.6924
-------------------	--------	--------

IGT - Crown Zellerbach Well No. 2

Solution gas from 1000 psia
gas displacement - Differential Liberation
(Calculated Nitrogen free)

CHROMATOGRAPHIC ANALYSIS

	Dry	Wet
	Mole %	
Water		4.70
Carbon Dioxide	19.36	18.45
Nitrogen	0.00	0.00
Methane	76.66	73.06
Ethane	3.54	3.37
Propane	0.38	0.36
Iso-Butane	0.03	0.03
N-Butane	0.03	0.03
Iso-Pentane	0.00	0.00
N-Pentane	0.00	0.00
Hexanes	0.00	0.00
Heptanes Plus	0.00	0.00
Total	100.00	100.00
Gravity (Air=1.0)	0.7625	0.7559

IGT - Crown Zellerbach Well No. 2

Solution gas from 15 psia
gas displacement - Differential Liberation
(Calculated Nitrogen free)

CHROMATOGRAPHIC ANALYSIS

	Dry	Wet
	<hr/>	
	Mole %	
Water		19.75
Carbon Dioxide	63.31	50.81
Nitrogen	0.00	0.00
Methane	35.24	28.28
Ethane	1.35	1.08
Propane	0.10	0.08
Iso-Butane	0.00	0.00
N-Butane	0.00	0.00
Iso-Pentane	0.00	0.00
N-Pentane	0.00	0.00
Hexanes	0.00	0.00
Heptanes Plus	0.00	0.00
Total	100.00	100.00

Gravity (Air=1.0)	1.1727	1.0639
-------------------	--------	--------

Company IGT
Reservoir _____

Well Crown Zellerbach No. 2
Field Livingston

FIGURE 1: Effect of Gas-Water Ratio Upon Bubble Point Pressure @ 327°F

FIGURE 2: Liquid Volume Percent from P-V Relations of Reservoir Water Recombined to 31.78 SCF/Bbl. Separator Water

Company IGT

Well Crown Zellerbach No. 2

Reservoir

Field Livingston

@ Reservoir Temperature 327°F

FIGURE 3: Differential Liberation of Reservoir Water
Recombined to 31.78 SCF/Bbl. Separator Water

Company IGT
Reservoir _____

Well Crown Zellerbach No. 2
Field Livingston

@ Reservoir Temperature of 327°F

Company IGT

Reservoir

Well Crown Zellerbach No. 2

Field Livingston

FIGURE 4: Viscosity of Reservoir Fluid During Differential Liberation
@ 327°F

APPENDIX K
IGT WELL TEST ANALYSIS

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Industries of Houston, Inc.
Eaton Operating Co., Inc.
3104 Edloe, Houston, Texas 77027

K-1

***** IGT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

---DRY GAS PROPERTIES---					---FLARE GAS RATE---			---BRINE RATE---		GAS TO BRINE RATIO			---CUMULATIVE PRODUCTION---		GAS THERMAL	
DATE	TIME	HHV (BTU/MCF)	GRAV- ITY	Fpv AT ORIF P&T	WET (MCF/D)	DRY (MCF/D)	HYDRO- CARBONS (MCF/D)	AT SEP. T&P (BPD)	CORRECTED (STBPD)	FLARE (SCF/STB)	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	ENERGY (MMBTU)	ENERGY (MMBTU)
6/05/81	00:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	01:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	01:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	02:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	02:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	03:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	03:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	04:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	04:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	05:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	05:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	06:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	06:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	07:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	07:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	08:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	08:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	09:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	09:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	10:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/05/81	10:30	826.9	0.8159	1.0231	53.0	52.9	40.3	2475.1	2462.2	21.5	2.6	24.1	1	51	1	0
6/05/81	11:00	826.9	0.8159	1.0231	72.1	70.4	53.7	2471.2	2454.7	28.7	2.7	31.4	3	102	2	0
6/05/81	11:30	826.9	0.8159	1.0231	72.5	70.8	54.0	2418.0	2398.1	29.5	2.6	32.2	4	152	4	0
6/05/81	12:00	826.9	0.8159	1.0231	72.9	71.2	54.3	2385.0	2362.0	30.1	2.6	32.7	6	202	5	0
6/05/81	12:30	826.9	0.8159	1.0231	71.9	70.1	53.5	2396.1	2369.6	29.6	2.5	32.1	8	251	6	0
6/05/81	13:00	826.9	0.8159	1.0231	85.4	83.6	63.8	2323.0	2294.1	36.4	2.5	38.9	10	299	8	0
6/05/81	13:30	826.9	0.8159	1.0231	79.2	77.4	59.1	2257.0	2226.4	34.8	2.5	37.2	11	345	9	1
6/05/81	14:00	826.9	0.8159	1.0231	67.6	65.8	50.2	2307.5	2273.9	28.9	2.4	31.4	13	393	11	1
6/05/81	14:30	826.9	0.8159	1.0231	67.5	65.7	50.1	2304.0	2268.1	29.0	2.4	31.4	14	440	12	1
6/05/81	15:00	826.9	0.8159	1.0231	66.7	64.9	49.5	2304.0	2265.9	28.6	2.4	31.0	16	487	13	2
6/05/81	15:30	826.9	0.8159	1.0231	65.6	63.8	48.6	2304.0	2264.0	28.2	2.3	30.5	17	534	14	2
6/05/81	16:00	826.9	0.8159	1.0231	66.1	64.2	49.0	2304.0	2262.2	28.4	2.3	30.7	19	581	15	3
6/05/81	16:30	826.9	0.8159	1.0231	65.2	63.3	48.3	2256.0	2213.5	28.6	2.3	30.9	20	627	17	3
6/05/81	17:00	826.9	0.8159	1.0231	66.0	64.2	49.0	2256.0	2211.7	29.0	2.3	31.4	21	673	18	4
6/05/81	17:30	826.9	0.8159	1.0231	66.4	64.5	49.2	2256.0	2209.6	29.2	2.4	31.5	23	719	19	5
6/05/81	18:00	826.9	0.8159	1.0231	66.7	64.9	49.5	2256.0	2208.4	29.4	2.4	31.7	24	766	20	5
6/05/81	18:30	826.9	0.8159	1.0231	65.7	63.9	48.7	2232.0	2183.6	29.3	2.3	31.6	26	811	21	6
6/05/81	19:00	826.9	0.8159	1.0231	65.3	63.4	48.4	2232.0	2181.5	29.1	2.3	31.3	27	856	22	7
6/05/81	19:30	826.9	0.8159	1.0231	65.3	63.4	48.3	2241.6	2190.9	28.9	2.3	31.2	29	902	24	8
6/05/81	20:00	826.9	0.8159	1.0231	65.4	63.4	48.4	2236.8	2185.4	29.0	2.2	31.3	30	948	25	8
6/05/81	20:30	826.9	0.8159	1.0231	64.9	63.0	48.0	2232.0	2179.8	28.9	2.2	31.1	31	993	26	9
6/05/81	21:00	826.9	0.8159	1.0231	66.0	64.1	48.9	2264.8	2211.1	29.0	2.2	31.2	33	1039	27	10
6/05/81	21:30	826.9	0.8159	1.0231	64.3	62.4	47.6	2269.6	2215.1	28.2	2.2	30.4	34	1085	28	11
6/05/81	22:00	826.9	0.8159	1.0231	66.0	64.1	48.9	2248.6	2194.0	29.2	2.2	31.4	36	1131	30	11
6/05/81	22:30	826.9	0.8159	1.0231	64.3	62.4	47.6	2269.2	2213.4	28.2	2.2	30.4	37	1177	31	12
6/05/81	23:00	826.9	0.8159	1.0231	64.8	62.8	47.9	2256.7	2200.7	28.6	2.2	30.8	39	1223	32	13
6/05/81	23:30	826.9	0.8159	1.0231	66.2	64.3	49.0	2241.5	2185.3	29.4	2.2	31.6	40	1268	33	14
6/06/81	00:00	826.9	0.8159	1.0231	64.2	62.3	47.5	2246.4	2189.7	28.4	2.2	30.6	41	1314	34	15

***** IGT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

---DRY GAS PROPERTIES---					---FLARE GAS RATE---			---BRINE RATE---		GAS TO BRINE RATIO			---CUMULATIVE PRODUCTION---			
DATE	TIME	HHV (BTU/MCF)	GRAV-ITY	Fpv AT ORIF P&T	WET (MCF/D)	DRY (MCF/D)	HYDRO-CARBONS (MCF/D)	AT SEP. T&P (BPD)	CORRECTED (STBPD)	FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY (MMBTU)	THERMAL ENERGY (MMBTU)
6/06/81	00:30	826.9	0.8159	1.0231	66.3	64.3	49.1	2222.2	2165.6	29.7	2.2	31.9	43	1359	35	16
6/06/81	01:00	826.9	0.8159	1.0231	64.3	62.4	47.6	2227.6	2170.5	28.7	2.2	30.9	44	1404	37	17
6/06/81	01:30	826.9	0.8159	1.0231	64.9	62.9	47.9	2224.8	2167.3	29.0	2.2	31.2	46	1450	38	18
6/06/81	02:00	826.9	0.8159	1.0231	65.1	63.1	48.1	2216.5	2158.8	29.2	2.2	31.4	47	1495	39	18
6/06/81	02:30	826.9	0.8159	1.0231	64.9	62.9	48.0	2213.9	2156.0	29.2	2.2	31.3	48	1539	40	19
6/06/81	03:00	826.9	0.8159	1.0231	64.2	62.2	47.4	2205.9	2147.8	28.9	2.2	31.1	50	1584	41	20
6/06/81	03:30	826.9	0.8159	1.0231	64.6	62.6	47.8	2201.1	2142.8	29.2	2.2	31.4	51	1629	42	21
6/06/81	04:00	826.9	0.8159	1.0231	64.0	62.0	47.3	2201.1	2142.5	28.9	2.2	31.1	53	1673	44	22
6/06/81	04:30	826.9	0.8159	1.0231	63.5	61.5	46.9	2191.2	2134.6	28.8	2.2	31.0	54	1718	45	23
6/06/81	05:00	826.9	0.8159	1.0231	65.9	63.9	48.8	2179.3	2121.3	30.1	2.2	32.3	55	1762	46	24
6/06/81	05:30	826.9	0.8159	1.0231	65.3	63.3	48.3	2185.1	2126.8	29.8	2.2	31.9	57	1806	47	25
6/06/81	06:00	826.9	0.8159	1.0231	63.5	61.5	46.9	2187.4	2129.8	28.9	2.2	31.1	58	1851	48	26
6/06/81	06:30	826.9	0.8159	1.0231	63.4	61.4	46.9	2175.2	2117.3	29.0	2.2	31.2	60	1895	49	27
6/06/81	07:00	826.9	0.8159	1.0231	65.6	63.6	48.5	2163.9	2106.5	30.2	2.2	32.4	61	1939	50	27
6/06/81	07:30	826.9	0.8159	1.0231	64.6	62.6	47.8	2174.0	2116.1	29.6	2.2	31.8	62	1983	52	28
6/06/81	08:00	826.9	0.8159	1.0231	64.3	62.3	47.5	2165.8	2107.7	29.6	2.2	31.8	64	2027	53	29
6/06/81	08:30	826.9	0.8159	1.0231	65.2	63.2	48.2	2159.1	2100.5	30.1	2.2	32.2	65	2071	54	30
6/06/81	09:00	826.9	0.8159	1.0231	65.2	63.2	48.2	2158.1	2099.5	30.1	2.2	32.3	67	2114	55	31
6/06/81	09:30	826.9	0.8159	1.0231	65.2	63.2	48.2	2158.1	2099.5	30.1	2.2	32.3	68	2158	56	32
6/06/81	10:00	826.9	0.8159	1.0231	64.6	62.6	47.7	2158.1	2099.5	29.8	2.2	32.0	69	2202	57	33
6/06/81	10:30	826.9	0.8159	1.0231	67.1	65.0	49.6	2159.3	2100.4	30.9	2.3	33.2	71	2246	59	34
6/06/81	11:00	826.9	0.8159	1.0231	64.9	63.0	48.0	2126.6	2068.5	30.4	2.3	32.7	72	2289	60	35
6/06/81	11:30	826.9	0.8159	1.0231	80.8	78.8	60.1	2901.3	2820.7	27.9	2.3	30.2	74	2347	61	36
6/06/81	12:00	826.9	0.8159	1.0231	81.0	79.1	60.3	2756.4	2677.3	29.5	2.3	31.8	76	2403	63	37
6/06/81	12:30	826.9	0.8159	1.0231	81.6	79.7	60.8	2690.9	2611.0	30.5	2.2	32.7	78	2458	64	39
6/06/81	13:00	826.9	0.8159	1.0231	80.7	78.6	60.0	2672.7	2593.1	30.3	2.2	32.5	79	2512	66	40
6/06/81	13:30	826.9	0.8159	1.0231	75.9	73.8	56.3	2668.2	2578.8	28.6	2.1	30.7	81	2565	67	41
6/06/81	14:00	826.9	0.8159	1.0231	77.7	75.6	57.6	2635.3	2553.5	29.6	2.2	31.8	83	2618	68	43
6/06/81	14:30	826.9	0.8159	1.0231	78.7	76.7	58.5	2616.3	2534.6	30.3	2.2	32.4	84	2671	70	44
6/06/81	15:00	826.9	0.8159	1.0231	76.8	74.7	57.0	2607.4	2526.6	29.6	2.2	31.7	86	2724	71	45
6/06/81	15:30	826.9	0.8159	1.0231	76.5	74.4	56.8	2587.8	2506.8	29.7	2.2	31.9	88	2776	73	47
6/06/81	16:00	826.9	0.8159	1.0231	77.5	75.4	57.5	2581.2	2499.5	30.2	2.2	32.3	89	2828	74	48
6/06/81	16:30	826.9	0.8159	1.0231	76.0	73.9	56.4	2575.9	2494.7	29.6	2.2	31.8	91	2880	75	49
6/06/81	17:00	826.9	0.8159	1.0231	75.8	73.7	56.2	2567.5	2486.3	29.6	2.2	31.8	93	2932	77	51
6/06/81	17:30	826.9	0.8159	1.0231	75.4	73.3	55.9	2558.2	2477.0	29.6	2.1	31.8	94	2984	78	52
6/06/81	18:00	826.9	0.8159	1.0231	76.0	73.9	56.4	2544.5	2463.5	30.0	2.1	32.2	96	3035	79	53
6/06/81	18:30	826.9	0.8159	1.0231	75.1	73.0	55.7	2549.3	2467.9	29.6	2.1	31.7	98	3086	81	55
6/06/81	19:00	826.9	0.8159	1.0231	75.3	73.2	55.9	2531.5	2450.5	29.9	2.1	32.0	99	3137	82	56
6/06/81	19:30	826.9	0.8159	1.0231	74.3	72.2	55.1	2534.2	2452.9	29.4	2.1	31.6	101	3188	83	57
6/06/81	20:00	826.9	0.8159	1.0231	76.5	74.5	56.8	2517.2	2436.3	30.6	2.1	32.7	103	3239	85	59
6/06/81	20:30	826.9	0.8159	1.0231	75.5	73.5	56.0	2522.3	2441.0	30.1	2.1	32.2	104	3290	86	60
6/06/81	21:00	826.9	0.8159	1.0231	76.5	74.5	56.8	2508.5	2427.5	30.7	2.1	32.8	106	3341	88	61
6/06/81	21:30	826.9	0.8159	1.0231	75.5	73.4	56.0	2506.0	2424.9	30.3	2.1	32.4	108	3391	89	63
6/06/81	22:00	826.9	0.8159	1.0231	76.1	74.1	56.5	2500.3	2419.1	30.6	2.1	32.7	109	3442	90	64
6/06/81	22:30	826.9	0.8159	1.0231	75.3	73.2	55.9	2496.7	2415.4	30.3	2.1	32.4	111	3492	92	65
6/06/81	23:00	826.9	0.8159	1.0231	74.8	72.8	55.5	2494.0	2412.7	30.2	2.1	32.3	112	3542	93	67
6/06/81	23:30	826.9	0.8159	1.0231	75.1	73.0	55.7	2489.7	2408.3	30.3	2.1	32.4	114	3592	94	68
6/07/81	00:00	826.9	0.8159	1.0231	75.2	73.2	55.8	2479.5	2398.4	30.5	2.1	32.6	116	3642	96	69

***** IGT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

---DRY GAS PROPERTIES---					---FLARE GAS RATE---			---BRINE RATE---		GAS TO BRINE RATIO			---CUMULATIVE PRODUCTION---			
DATE	TIME	HHV (BTU/MCF)	GRAV-ITY	Fpv AT ORIF P&T	WET (MCF/D)	DRY (MCF/D)	HYDRO-CARBONS (MCF/D)	AT SEP. T&P (BPD)	CORRECTED (STBPD)	FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY (MMBTU)	THERMAL ENERGY (MMBTU)
6/07/81	00:30	826.9	0.8159	1.0231	75.4	73.4	56.0	2475.8	2393.9	30.6	2.1	32.7	117	3692	97	71
6/07/81	01:00	826.9	0.8159	1.0231	75.0	72.9	55.6	2475.3	2394.1	30.4	2.1	32.5	119	3742	98	72
6/07/81	01:30	826.9	0.8159	1.0231	75.1	73.0	55.7	2462.8	2382.0	30.7	2.1	32.8	121	3792	100	73
6/07/81	02:00	826.9	0.8159	1.0231	75.6	73.5	56.1	2455.1	2374.5	31.0	2.1	33.1	122	3841	101	75
6/07/81	02:30	826.9	0.8159	1.0231	74.2	72.2	55.1	2458.8	2378.0	30.4	2.1	32.4	124	3891	102	76
6/07/81	03:00	826.9	0.8159	1.0231	74.5	72.4	55.2	2448.8	2368.4	30.6	2.1	32.7	125	3940	104	77
6/07/81	03:30	826.9	0.8159	1.0231	73.9	71.8	54.8	2444.9	2364.5	30.4	2.1	32.5	127	3989	105	79
6/07/81	04:00	826.9	0.8159	1.0231	74.7	72.6	55.4	2441.2	2360.9	30.8	2.1	32.8	129	4038	106	80
6/07/81	04:30	826.9	0.8159	1.0231	73.6	71.5	54.6	2442.7	2362.3	30.3	2.1	32.4	130	4088	108	81
6/07/81	05:00	826.9	0.8159	1.0231	74.8	72.7	55.5	2430.2	2358.2	31.0	2.1	33.0	132	4137	109	83
6/07/81	05:30	826.9	0.8159	1.0231	73.6	71.5	54.5	2436.8	2356.5	30.3	2.1	32.4	133	4186	110	84
6/07/81	06:00	826.9	0.8159	1.0231	73.7	71.6	54.6	2430.7	2350.5	30.4	2.1	32.5	135	4235	112	85
6/07/81	06:30	826.9	0.8159	1.0231	73.6	71.5	54.5	2421.6	2341.7	30.5	2.1	32.6	137	4284	113	87
6/07/81	07:00	826.9	0.8159	1.0231	73.2	71.1	54.2	2421.0	2341.1	30.4	2.1	32.4	138	4332	114	88
6/07/81	07:30	826.9	0.8159	1.0231	73.7	71.6	54.6	2414.8	2335.2	30.7	2.1	32.7	140	4381	116	89
6/07/81	08:00	826.9	0.8159	1.0231	72.8	70.7	53.9	2419.9	2340.2	30.2	2.1	32.3	141	4430	117	91
6/07/81	08:30	826.9	0.8159	1.0231	73.4	71.3	54.4	2402.7	2323.6	30.7	2.1	32.7	143	4478	118	92
6/07/81	09:00	826.9	0.8159	1.0231	70.9	68.8	52.5	2414.6	2335.0	29.5	2.1	31.6	144	4527	119	93
6/07/81	09:30	826.9	0.8159	1.0231	73.6	71.5	54.6	2381.7	2302.2	31.1	2.1	33.2	146	4575	121	95
6/07/81	10:00	826.9	0.8159	1.0231	72.1	70.0	53.4	2394.2	2313.6	30.3	2.1	32.4	148	4623	122	96
6/07/81	10:30	826.9	0.8159	1.0231	72.8	70.7	53.9	2346.3	2267.9	31.2	2.1	33.3	149	4670	123	97
6/07/81	11:00	826.9	0.8159	1.0231	71.3	69.2	52.8	2377.8	2298.8	30.1	2.1	32.2	151	4718	125	99
6/07/81	11:30	826.9	0.8159	1.0231	71.1	68.9	52.6	2366.1	2287.7	30.1	2.1	32.2	152	4766	126	100
6/07/81	12:00	826.9	0.8159	1.0231	70.9	68.7	52.4	2373.0	2294.5	30.0	2.1	32.1	154	4814	127	101
6/07/81	12:30	826.9	0.8159	1.0231	70.5	68.3	52.1	2371.3	2293.2	29.8	2.1	31.9	155	4861	128	103
6/07/81	13:00	826.9	0.8159	1.0231	71.2	69.0	52.6	2366.6	2288.7	30.2	2.1	32.3	157	4909	130	104
6/07/81	13:30	826.9	0.8159	1.0231	70.5	68.4	52.2	2361.5	2283.7	30.0	2.1	32.1	158	4957	131	105
6/07/81	14:00	826.9	0.8159	1.0231	71.0	68.9	52.6	2354.9	2276.9	30.3	2.1	32.4	160	5004	132	107
6/07/81	14:30	826.9	0.8159	1.0231	71.8	69.7	53.2	2356.0	2277.6	30.6	2.1	32.7	161	5051	134	108
6/07/81	15:00	826.9	0.8159	1.0231	71.3	69.2	52.8	2355.5	2277.4	30.4	2.1	32.5	163	5099	135	109
6/07/81	15:30	826.9	0.8159	1.0231	71.2	69.1	52.7	2351.8	2274.0	30.4	2.1	32.5	165	5146	136	110
6/07/81	16:00	826.9	0.8159	1.0231	70.6	68.5	52.2	2371.7	2295.1	29.8	2.1	31.9	166	5194	137	112
6/07/81	16:30	826.9	0.8159	1.0231	70.9	68.8	52.5	2387.6	2311.4	29.8	2.1	31.9	168	5242	139	113
6/07/81	17:00	826.9	0.8159	1.0231	71.7	69.6	53.1	2383.1	2307.0	30.2	2.1	32.3	169	5290	140	114
6/07/81	17:30	826.9	0.8159	1.0231	70.1	68.0	51.9	2393.2	2317.0	29.4	2.1	31.5	171	5339	141	115
6/07/81	18:00	826.9	0.8159	1.0231	72.1	70.0	53.4	2359.3	2282.9	30.7	2.1	32.8	172	5386	142	117
6/07/81	18:30	826.9	0.8159	1.0231	71.1	69.0	52.6	2417.6	2340.0	29.5	2.1	31.6	174	5435	144	118
6/07/81	19:00	826.9	0.8159	1.0231	72.6	70.5	53.8	2412.5	2335.7	30.2	2.1	32.3	175	5484	145	119
6/07/81	19:30	826.9	0.8159	1.0231	71.7	69.6	53.1	2413.8	2336.7	29.8	2.1	31.9	177	5532	146	121
6/07/81	20:00	826.9	0.8159	1.0231	71.3	69.3	52.8	2389.3	2311.2	30.8	2.1	32.1	178	5580	148	122
6/07/81	20:30	826.9	0.8159	1.0231	73.4	71.3	54.4	2353.1	2275.6	31.3	2.1	33.4	180	5628	149	123
6/07/81	21:00	826.9	0.8159	1.0231	71.9	69.8	53.3	2352.3	2274.6	30.7	2.1	32.8	182	5675	150	124
6/07/81	21:30	826.9	0.8159	1.0231	71.4	69.4	52.9	2330.5	2253.6	30.8	2.1	32.8	183	5722	151	126
6/07/81	22:00	826.9	0.8159	1.0231	69.6	67.5	51.5	2352.0	2274.9	29.7	2.1	31.7	185	5769	153	127
6/07/81	22:30	826.9	0.8159	1.0231	67.9	65.8	50.2	2347.2	2269.9	29.0	2.0	31.0	186	5817	154	128
6/07/81	23:00	826.9	0.8159	1.0231	71.1	69.0	52.6	2347.2	2269.9	30.4	2.0	32.4	188	5864	155	130
6/07/81	23:30	826.9	0.8159	1.0231	70.5	68.4	52.2	2355.3	2277.5	30.0	2.0	32.1	189	5912	156	131
6/08/81	00:00	826.9	0.8159	1.0231	69.6	67.5	51.5	2348.6	2270.9	29.7	2.0	31.8	191	5959	158	132

***** IGT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

---DRY GAS PROPERTIES---					---FLARE GAS RATE---			---BRINE RATE---		GAS TO BRINE RATIO			---CUMULATIVE PRODUCTION---			
DATE	TIME	HHV (BTU/MCF)	GRAV- ITY	Fpv AT ORIF P&T	WET (MCF/D)	DRY (MCF/D)	HYDRO- CARBONS (MCF/D)	AT SEP. T&P (BPD)	CORRECTED (STBPD)	FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY (MMBTU)	THERMAL ENERGY (MMBTU)
6/08/81	00:30	826.9	0.8159	1.0231	70.1	68.0	51.8	2338.7	2261.3	30.1	2.0	32.1	192	6006	159	133
6/08/81	01:00	826.9	0.8159	1.0231	70.3	68.2	52.0	2339.8	2261.5	30.2	2.0	32.2	194	6053	160	135
6/08/81	01:30	826.9	0.8159	1.0231	69.9	67.8	51.7	2332.8	2255.6	30.1	2.0	32.1	195	6100	161	136
6/08/81	02:00	826.9	0.8159	1.0231	69.7	67.6	51.6	2334.3	2256.9	30.0	2.0	32.0	197	6147	163	137
6/08/81	02:30	826.9	0.8159	1.0231	69.0	66.8	51.0	2332.2	2254.8	29.6	2.0	31.7	198	6194	164	139
6/08/81	03:00	826.9	0.8159	1.0231	68.7	66.6	50.8	2330.8	2253.4	29.5	2.0	31.5	200	6241	165	140
6/08/81	03:30	826.9	0.8159	1.0231	69.0	66.8	50.9	2324.9	2247.7	29.7	2.0	31.7	201	6288	166	141
6/08/81	04:00	826.9	0.8159	1.0231	68.3	66.1	50.4	2325.2	2247.9	29.4	2.0	31.4	203	6335	168	142
6/08/81	04:30	826.9	0.8159	1.0231	68.5	66.3	50.6	2318.8	2241.7	29.6	2.0	31.6	204	6381	169	144
6/08/81	05:00	826.9	0.8159	1.0231	68.9	66.8	50.9	2311.2	2234.4	29.9	2.0	31.9	206	6428	170	145
6/08/81	05:30	826.9	0.8159	1.0231	69.2	67.1	51.2	2309.1	2232.3	30.0	2.0	32.1	207	6474	171	146
6/08/81	06:00	826.9	0.8159	1.0231	68.0	65.8	50.2	2304.6	2228.8	29.6	2.0	31.6	209	6521	172	148
6/08/81	06:30	826.9	0.8159	1.0231	68.4	66.3	50.6	2306.2	2229.5	29.7	2.0	31.8	210	6567	174	149
6/08/81	07:00	826.9	0.8159	1.0231	68.9	66.8	51.0	2298.1	2213.9	30.2	2.0	32.2	212	6613	175	150
6/08/81	07:30	826.9	0.8159	1.0231	68.4	66.2	50.5	2292.5	2216.2	29.9	2.0	31.9	213	6660	176	151
6/08/81	08:00	826.9	0.8159	1.0231	67.6	65.4	49.9	2283.9	2208.8	29.6	2.0	31.7	214	6706	177	153
6/08/81	08:30	826.9	0.8159	1.0231	68.0	65.9	50.3	2281.9	2206.3	29.9	2.0	31.9	216	6752	179	154
6/08/81	09:00	826.9	0.8159	1.0231	68.1	65.9	50.3	2279.5	2204.8	29.9	2.1	32.0	217	6797	180	155
6/08/81	09:30	826.9	0.8159	1.0231	69.1	66.9	51.1	2271.6	2196.5	30.5	2.1	32.6	219	6843	181	156
6/08/81	10:00	826.9	0.8159	1.0231	67.4	65.2	49.8	2272.2	2197.1	29.7	2.1	31.8	220	6889	182	158
6/08/81	10:30	826.9	0.8159	1.0231	67.0	64.9	49.5	2279.9	2204.5	29.4	2.1	31.5	222	6935	183	159
6/08/81	11:00	826.9	0.8159	1.0231	67.9	65.8	50.2	2259.2	2184.3	30.1	2.1	32.2	223	6980	185	160
6/08/81	11:30	826.9	0.8159	1.0231	67.8	65.7	50.1	2257.5	2182.8	30.1	2.1	32.2	225	7026	186	161
6/08/81	12:00	826.9	0.8159	1.0231	67.2	65.1	49.6	2252.6	2178.1	29.9	2.1	32.0	226	7071	187	163
6/08/81	12:30	826.9	0.8159	1.0231	62.3	60.1	45.9	2253.6	2179.0	27.6	2.1	29.7	228	7117	188	164
6/08/81	13:00	826.9	0.8159	1.0231	63.9	61.8	47.1	2256.8	2185.0	28.3	2.1	30.4	229	7162	189	165
6/08/81	13:30	826.9	0.8159	1.0231	65.4	63.2	48.2	2277.6	2202.3	28.7	2.1	30.8	230	7208	190	166
6/08/81	14:00	826.9	0.8159	1.0231	62.1	60.0	45.8	2253.6	2177.3	27.5	2.1	29.6	232	7253	192	168
6/08/81	14:30	826.9	0.8159	1.0231	61.5	59.3	45.2	2253.6	2176.6	27.2	2.1	29.3	233	7299	193	169
6/08/81	15:00	826.9	0.8159	1.0231	62.5	60.3	46.0	2279.5	2204.6	27.4	2.1	29.4	234	7345	194	170
6/08/81	15:30	826.9	0.8159	1.0231	65.6	63.3	48.3	2260.4	2186.1	29.0	2.1	31.0	236	7390	195	171
6/08/81	16:00	826.9	0.8159	1.0231	64.3	62.1	47.3	2123.9	2054.1	30.2	2.1	32.3	237	7433	196	173
6/08/81	16:30	826.9	0.8159	1.0231	63.9	61.7	47.1	2211.0	2138.3	28.9	2.1	30.9	239	7478	197	174
6/08/81	17:00	826.9	0.8159	1.0231	61.8	59.6	45.5	2204.3	2131.8	28.0	2.1	30.1	240	7522	198	175
6/08/81	17:30	826.9	0.8159	1.0231	64.0	61.8	47.2	2191.2	2119.1	29.2	2.1	31.3	241	7566	199	176
6/08/81	18:00	826.9	0.8159	1.0231	62.8	60.6	46.2	2187.7	2115.7	28.6	2.1	30.7	243	7610	201	177
6/08/81	18:30	826.9	0.8159	1.0231	61.5	59.3	45.2	2202.4	2129.9	27.8	2.1	29.9	244	7655	202	179
6/08/81	19:00	826.9	0.8159	1.0231	64.7	62.5	47.7	2170.6	2099.2	29.8	2.1	31.8	245	7698	203	180
6/08/81	19:30	826.9	0.8159	1.0231	61.8	59.7	45.5	2193.9	2121.7	28.1	2.1	30.2	247	7743	204	181
6/08/81	20:00	826.9	0.8159	1.0231	63.6	61.5	46.9	2169.5	2098.1	29.3	2.1	31.4	248	7786	205	182
6/08/81	20:30	826.9	0.8159	1.0231	62.1	59.9	45.7	2194.3	2122.1	28.3	2.1	30.3	249	7830	206	183
6/08/81	21:00	826.9	0.8159	1.0231	63.8	61.7	47.0	2181.4	2109.6	29.2	2.1	31.3	251	7874	207	184
6/08/81	21:30	826.9	0.8159	1.0231	60.9	58.7	44.8	2181.7	2110.2	27.8	2.0	29.9	252	7918	208	186
6/08/81	22:00	826.9	0.8159	1.0231	64.1	61.9	47.2	2186.4	2116.2	29.3	2.0	31.3	253	7962	210	187
6/08/81	22:30	826.9	0.8159	1.0231	63.9	61.8	47.1	2176.8	2106.9	29.3	2.0	31.3	255	8006	211	188
6/08/81	23:00	826.9	0.8159	1.0231	66.5	64.4	49.1	2176.8	2106.9	30.6	2.0	32.6	256	8050	212	189
6/08/81	23:30	826.9	0.8159	1.0231	61.7	59.6	45.4	2224.8	2153.3	27.7	2.0	29.7	258	8095	213	190
6/09/81	00:00	826.9	0.8159	1.0231	65.5	63.4	48.4	2224.8	2153.3	29.5	2.0	31.5	259	8140	214	191

***** IGT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

---DRY GAS PROPERTIES---					---FLARE GAS RATE---			---BRINE RATE---		GAS TO BRINE RATIO			---CUMULATIVE PRODUCTION---			
DATE	TIME	HHV	GRAV-	Fpv AT	WET	DRY	HYDRO-	AT SEP.	CORRECTED	FLARE	DISP.	TOTAL	DRY	BRINE	GAS	THERMAL
		(BTU/MCF)	ITY	QRIF P&T	(MCF/D)	(MCF/D)	CARBONS	(BPD)								
					(MCF/D)	(MCF/D)	(MCF/D)	(BPD)	(STBPD)		WELL		(MCF)	(STB)	(MMBTU)	(MMBTU)
6/09/81	00:30	826.9	0.8159	1.0231	63.5	61.4	46.8	2306.4	2232.3	27.5	2.0	29.5	260	8186	215	193
6/09/81	01:00	826.9	0.8159	1.0231	66.1	63.9	48.8	2328.8	2253.2	28.4	2.0	30.4	262	8233	216	194
6/09/81	01:30	826.9	0.8159	1.0231	69.3	67.2	51.2	2371.2	2295.0	29.3	2.0	31.3	263	8281	218	195
6/09/81	02:00	826.9	0.8159	1.0231	69.8	67.6	51.6	2392.8	2315.9	29.2	2.0	31.2	265	8329	219	196
6/09/81	02:30	826.9	0.8159	1.0231	67.3	65.1	49.7	2335.2	2260.2	28.8	2.0	30.8	266	8377	220	198
6/09/81	03:00	826.9	0.8159	1.0231	67.1	65.0	49.6	2335.2	2260.2	28.8	2.0	30.8	268	8424	221	199
6/09/81	03:30	826.9	0.8159	1.0231	66.1	64.0	48.8	2248.8	2176.6	29.4	2.0	31.4	269	8469	223	200
6/09/81	04:00	826.9	0.8159	1.0231	66.2	64.0	48.9	2248.8	2176.6	29.4	2.0	31.5	271	8514	224	201
6/09/81	04:30	826.9	0.8159	1.0231	64.8	62.7	47.8	2174.4	2184.5	29.8	2.0	31.8	272	8558	225	202
6/09/81	05:00	826.9	0.8159	1.0231	64.5	62.4	47.6	2174.4	2184.5	29.6	2.0	31.7	273	8602	226	204
6/09/81	05:30	826.9	0.8159	1.0231	63.5	61.4	46.8	2200.8	2130.1	28.8	2.0	30.8	275	8646	227	205
6/09/81	06:00	826.9	0.8159	1.0231	63.3	61.2	46.7	2200.8	2130.1	28.7	2.0	30.7	276	8691	228	206
6/09/81	06:30	826.9	0.8159	1.0231	64.7	62.6	47.7	2424.0	2347.7	28.6	2.0	28.7	277	8740	229	207
6/09/81	07:00	826.9	0.8159	1.0231	68.6	66.5	50.7	2424.0	2350.1	28.3	2.1	30.4	279	8789	231	208
6/09/81	07:30	826.9	0.8159	1.0231	62.2	60.1	45.9	2109.6	2045.3	29.4	2.1	31.4	280	8831	232	209
6/09/81	08:00	826.9	0.8159	1.0231	62.1	60.0	45.8	2109.6	2045.3	29.3	2.1	31.4	282	8874	233	211
6/09/81	08:30	826.9	0.8159	1.0231	63.2	61.1	46.6	2061.6	1997.4	30.6	2.0	32.6	283	8915	234	212
6/09/81	09:00	826.9	0.8159	1.0231	61.2	59.1	45.1	2061.6	1996.3	29.6	2.1	31.7	284	8957	235	213
6/09/81	09:30	826.9	0.8159	1.0231	58.8	56.7	43.2	2030.4	1966.1	28.8	2.1	30.9	286	8998	236	214
6/09/81	10:00	826.9	0.8159	1.0231	60.8	58.6	44.7	2030.4	1966.1	29.8	2.1	31.9	287	9039	237	215
6/09/81	10:30	826.9	0.8159	1.0231	54.9	52.8	40.3	2040.0	1975.4	26.7	2.1	28.8	288	9080	238	216
6/09/81	11:00	826.9	0.8159	1.0231	53.0	50.9	38.8	2040.0	1975.2	25.8	2.1	27.9	289	9121	239	217
6/09/81	11:30	826.9	0.8159	1.0231	49.5	47.4	36.1	2052.2	1986.8	23.8	2.1	26.0	290	9163	240	218
6/09/81	12:00	826.9	0.8159	1.0231	51.4	49.3	37.6	2045.6	1980.4	24.9	2.1	27.0	291	9204	241	219
6/09/81	12:30	826.9	0.8159	1.0231	52.5	50.4	38.4	2134.9	2067.2	24.4	2.1	26.5	293	9247	242	220
6/09/81	13:00	826.9	0.8159	1.0231	60.2	58.0	44.2	2146.9	2078.4	27.9	2.1	30.0	294	9290	243	221
6/09/81	13:30	826.9	0.8159	1.0231	63.6	61.4	46.9	2111.4	2043.7	30.1	2.1	32.2	295	9333	244	222
6/09/81	14:00	826.9	0.8159	1.0231	63.5	61.3	46.7	2106.5	2038.7	30.1	2.1	32.2	297	9375	245	224
6/09/81	14:30	826.9	0.8159	1.0231	61.8	59.6	45.5	2120.1	2051.7	29.0	2.1	31.1	298	9418	246	225
6/09/81	15:00	826.9	0.8159	1.0231	64.8	62.6	47.8	2081.2	2014.1	31.1	2.1	33.2	299	9460	247	226
6/09/81	15:30	826.9	0.8159	1.0231	61.6	59.4	45.3	2112.2	2043.9	29.1	2.1	31.2	301	9503	249	227
6/09/81	16:00	826.9	0.8159	1.0231	64.9	62.7	47.8	2076.5	2009.3	31.2	2.1	33.3	302	9545	250	228
6/09/81	16:30	826.9	0.8159	1.0231	61.8	58.8	44.9	2121.8	2053.1	28.6	2.1	30.7	303	9587	251	229
6/09/81	17:00	826.9	0.8159	1.0231	63.0	60.8	46.4	2063.6	1996.7	30.5	2.1	32.6	305	9629	252	230
6/09/81	17:30	826.9	0.8159	1.0231	63.6	61.4	46.8	2073.8	2006.4	30.6	2.1	32.7	306	9671	253	231
6/09/81	18:00	826.9	0.8159	1.0231	62.9	60.8	46.4	2086.2	2018.5	30.1	2.1	32.2	307	9713	254	233
6/09/81	18:30	826.9	0.8159	1.0231	62.7	60.6	46.2	2075.4	2008.0	30.2	2.1	32.3	309	9755	255	234
6/09/81	19:00	826.9	0.8159	1.0231	62.9	60.7	46.3	2073.1	2005.7	30.3	2.1	32.4	310	9796	256	235
6/09/81	19:30	826.9	0.8159	1.0231	62.7	60.6	46.2	2070.2	2002.9	30.3	2.1	32.3	311	9838	258	236
6/09/81	20:00	826.9	0.8159	1.0231	62.3	60.2	45.9	2071.0	2003.7	30.0	2.1	32.1	313	9880	259	237
6/09/81	20:30	826.9	0.8159	1.0231	62.0	59.9	45.7	2067.1	1999.9	29.9	2.1	32.0	314	9921	260	238
6/09/81	21:00	826.9	0.8159	1.0231	60.4	58.2	44.4	2087.9	2020.0	28.8	2.1	30.9	315	9964	261	239
6/09/81	21:30	826.9	0.8159	1.0231	62.8	60.7	46.3	2060.8	1993.8	30.5	2.1	32.5	317	10005	262	240
6/09/81	22:00	826.9	0.8159	1.0231	64.3	62.2	47.4	2039.6	1973.3	31.5	2.1	33.6	318	10046	263	241
6/09/81	22:30	826.9	0.8159	1.0231	60.7	58.6	44.7	2068.5	2001.3	29.3	2.1	31.3	319	10088	264	243
6/09/81	23:00	826.9	0.8159	1.0231	32.0	30.0	22.9	1854.3	1820.7	29.4	1.8	31.2	320	10109	265	243
6/09/81	23:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	320	10109	265	243
6/09/81	00:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	320	10109	265	243

***** ICT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

---DRY GAS PROPERTIES---				---FLARE GAS RATE---			---BRINE RATE---		GAS TO BRINE RATIO			---CUMULATIVE PRODUCTION---				
DATE	TIME	HHV (BTU/MCF)	GRAV-ITY	Fpv AT ORIF P&T	WET (MCF/D)	DRY (MCF/D)	HYDRO-CARBONS (MCF/D)	AT SEP. T&P (BPD)	CORRECTED (STBPD)	FLARE	DISP. WELL (SCF/STB)	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY (MMBTU)	THERMAL ENERGY (MMBTU)
6/16/81	00:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	01:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	01:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	02:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	02:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	03:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	03:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	04:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	04:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	05:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	05:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	06:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	06:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	07:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	07:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	08:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	08:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	09:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	09:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	10:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	10:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	11:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	11:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	12:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	12:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	13:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	13:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	14:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	14:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	15:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	15:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	16:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	16:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	17:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	17:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	18:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	18:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	19:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	19:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/16/81	20:00	818.8	0.8241	1.0211	109.3	108.9	82.2	3953.4	3886.6	28.0	2.2	30.2	2	81	2	1
6/16/81	20:30	818.8	0.8241	1.0211	100.5	98.2	74.1	3648.0	3574.8	27.5	2.1	29.6	5	155	4	2
6/16/81	21:00	818.8	0.8241	1.0211	94.8	92.5	69.8	3360.0	3284.5	28.2	2.0	30.2	7	224	5	3
6/16/81	21:30	818.8	0.8241	1.0211	88.7	86.3	65.1	3206.4	3128.3	27.6	2.0	29.6	9	289	7	4
6/16/81	22:00	818.8	0.8241	1.0211	88.8	86.4	65.2	3206.4	3123.0	27.7	2.0	29.6	11	354	9	5
6/16/81	22:30	818.8	0.8241	1.0211	88.7	86.4	65.2	3153.6	3067.6	28.2	2.0	30.1	12	418	10	7
6/16/81	23:00	818.8	0.8241	1.0211	88.1	85.6	64.6	3120.0	3031.8	28.2	1.9	30.2	14	481	12	8
6/16/81	23:30	818.8	0.8241	1.0211	88.1	85.6	64.6	3072.0	2982.4	28.7	1.9	30.6	16	543	13	9
6/17/81	00:00	818.8	0.8241	1.0211	88.1	85.6	64.6	3038.4	2947.7	29.0	1.9	31.0	18	605	15	11

***** IGT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

---DRY GAS PROPERTIES---					---FLARE GAS RATE---			---BRINE RATE---		GAS TO BRINE RATIO			---CUMULATIVE PRODUCTION---			
DATE	TIME	HHV (BTU/MCF)	GRAV- ITY	Fpv AT ORIF P&T	WET (MCF/D)	DRY (MCF/D)	HYDRO- CARBONS (MCF/D)	AT SEP. T&P (BPD)	CORRECTED (STBPD)	FLARE (SCF/STB)	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY (MMBTU)	THERMAL ENERGY (MMBTU)
6/17/81	00:30	818.8	0.8241	1.0211	88.3	85.8	64.8	2956.8	2866.8	29.9	1.9	31.9	20	664	16	12
6/17/81	01:00	818.8	0.8241	1.0211	88.8	86.4	65.2	2936.9	2846.8	30.3	1.9	32.3	22	724	18	14
6/17/81	01:30	818.8	0.8241	1.0211	87.5	85.1	64.2	2928.7	2836.8	30.8	1.9	31.9	24	783	20	15
6/17/81	02:00	818.8	0.8241	1.0211	86.1	83.7	63.1	2930.9	2837.8	29.5	1.9	31.4	26	842	21	17
6/17/81	02:30	818.8	0.8241	1.0211	86.5	84.1	63.4	2873.8	2781.8	30.2	1.9	32.2	28	900	23	18
6/17/81	03:00	818.8	0.8241	1.0211	86.9	84.4	63.7	2860.8	2768.4	30.5	1.9	32.4	29	958	24	20
6/17/81	03:30	818.8	0.8241	1.0211	85.4	82.9	62.6	2836.1	2744.0	30.2	1.9	32.1	31	1015	26	21
6/17/81	04:00	818.8	0.8241	1.0211	85.1	82.7	62.4	2821.2	2728.9	30.3	1.9	32.2	33	1072	27	23
6/17/81	04:30	818.8	0.8241	1.0211	85.0	82.5	62.3	2808.6	2716.2	30.4	1.9	32.3	35	1128	29	24
6/17/81	05:00	818.8	0.8241	1.0211	84.0	81.6	61.6	2787.1	2695.8	30.3	1.9	32.2	37	1184	30	26
6/17/81	05:30	818.8	0.8241	1.0211	84.2	81.8	61.7	2769.0	2677.1	30.5	1.9	32.5	39	1240	32	28
6/17/81	06:00	818.8	0.8241	1.0211	83.2	80.8	61.0	2759.2	2667.2	30.3	1.9	32.2	40	1296	33	29
6/17/81	06:30	818.8	0.8241	1.0211	82.4	80.0	60.3	2754.8	2661.9	30.8	1.9	32.0	42	1351	35	31
6/17/81	07:00	818.8	0.8241	1.0211	82.3	79.9	60.3	2737.5	2645.7	30.2	1.9	32.1	44	1406	36	32
6/17/81	07:30	818.8	0.8241	1.0211	81.9	79.5	60.8	2718.1	2626.7	30.3	1.9	32.2	46	1461	37	34
6/17/81	08:00	818.8	0.8241	1.0211	81.5	79.1	59.7	2696.2	2605.5	30.4	1.9	32.3	47	1515	39	35
6/17/81	08:30	818.8	0.8241	1.0211	80.1	77.8	58.7	2691.7	2600.8	29.9	1.9	31.8	49	1569	40	37
6/17/81	09:00	818.8	0.8241	1.0211	80.1	77.7	58.6	2679.8	2588.5	30.8	2.0	32.0	51	1623	42	38
6/17/81	09:30	818.8	0.8241	1.0211	79.6	77.2	58.2	2662.8	2571.9	30.8	2.0	32.0	53	1677	43	40
6/17/81	10:00	818.8	0.8241	1.0211	79.6	77.2	58.3	2655.8	2565.9	30.1	2.0	32.1	54	1730	44	41
6/17/81	10:30	818.8	0.8241	1.0211	79.4	77.1	58.2	2636.8	2546.6	30.3	2.0	32.2	56	1783	46	43
6/17/81	11:00	818.8	0.8241	1.0211	77.9	75.6	57.1	2637.9	2548.3	29.7	2.0	31.6	58	1837	47	44
6/17/81	11:30	818.8	0.8241	1.0211	78.4	76.8	57.4	2619.4	2530.4	30.8	2.0	32.0	59	1889	49	46
6/17/81	12:00	818.8	0.8241	1.0211	77.8	74.6	56.3	2616.7	2527.7	29.5	2.0	31.5	61	1942	50	47
6/17/81	12:30	818.8	0.8241	1.0211	77.3	74.9	56.6	2598.8	2518.4	29.9	2.0	31.8	63	1994	51	49
6/17/81	13:00	818.8	0.8241	1.0211	77.1	74.8	56.4	2685.0	2516.3	29.7	2.0	31.7	64	2047	53	50
6/17/81	13:30	818.8	0.8241	1.0211	78.1	75.7	57.1	2584.8	2496.8	30.3	2.0	32.3	66	2099	54	52
6/17/81	14:00	818.8	0.8241	1.0211	77.8	74.6	56.3	2582.8	2494.1	29.9	2.0	31.9	68	2151	55	53
6/17/81	14:30	818.8	0.8241	1.0211	77.4	74.9	56.6	2583.6	2495.6	30.8	2.0	32.0	69	2203	57	55
6/17/81	15:00	818.8	0.8241	1.0211	76.4	74.8	55.8	2567.5	2480.8	29.8	2.0	31.8	71	2254	58	56
6/17/81	15:30	818.8	0.8241	1.0211	76.7	74.3	56.8	2561.4	2474.1	30.8	2.0	32.0	73	2306	60	57
6/17/81	16:00	818.8	0.8241	1.0211	76.5	74.1	55.9	2552.5	2465.5	30.1	2.0	32.0	74	2357	61	59
6/17/81	16:30	818.8	0.8241	1.0211	34.7	32.5	24.5	1129.5	1091.5	29.8	1.1	30.8	75	2380	61	60
6/17/81	17:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	17:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	18:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	18:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	19:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	19:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	20:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	20:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	21:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	21:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	22:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	22:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	23:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	23:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60
6/17/81	00:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75	2380	61	60

***** IGT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

--- DRY GAS PROPERTIES ---				--- FLARE GAS RATE ---			--- BRINE RATE ---		GAS TO BRINE RATIO			--- CUMULATIVE PRODUCTION ---				
DATE	TIME	HHV (BTU/MCF)	GRAV- ITY	Fpv AT ORIF P&T	WET (MCF/D)	DRY (MCF/D)	HYDRO- CARBONS (MCF/D)	AT SEP. T&P (BPD)	CORRECTED (STBPD)	FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY (MMBTU)	THERMAL ENERGY (MMBTU)
6/23/81	00:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	01:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	01:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	02:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	02:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	03:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	03:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	04:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	04:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	05:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	05:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	06:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	06:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	07:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	07:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	08:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	08:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0
6/23/81	09:00	812.5	0.8291	1.0182	76.7	76.5	57.3	2876.8	2815.9	27.1	1.9	29.0	2	59	1	1
6/23/81	09:30	812.5	0.8291	1.0182	74.0	71.6	53.6	2785.2	2723.2	26.3	1.9	28.1	3	115	3	2
6/23/81	10:00	812.5	0.8291	1.0182	82.0	79.5	59.5	2709.9	2646.5	30.0	1.9	31.9	5	171	4	3
6/23/81	10:30	812.5	0.8291	1.0182	76.3	73.8	55.2	2747.0	2680.1	27.5	1.8	29.4	7	226	5	4
6/23/81	11:00	812.5	0.8291	1.0182	75.7	73.1	54.8	2717.3	2648.8	27.6	1.8	29.4	8	282	7	5
6/23/81	11:30	812.5	0.8291	1.0182	74.4	71.9	53.8	2705.4	2635.3	27.3	1.8	29.1	10	336	8	6
6/23/81	12:00	812.5	0.8291	1.0182	79.0	76.5	57.3	2655.0	2584.5	29.6	1.8	31.4	12	390	9	7
6/23/81	12:30	812.5	0.8291	1.0182	78.8	76.3	57.1	2634.6	2563.2	29.8	1.8	31.5	13	444	11	8
6/23/81	13:00	812.5	0.8291	1.0182	79.2	76.7	57.4	2625.4	2552.9	30.0	1.7	31.8	15	497	12	9
6/23/81	13:30	812.5	0.8291	1.0182	78.8	76.2	57.1	2617.0	2543.6	30.0	1.7	31.7	17	550	14	10
6/23/81	14:00	812.5	0.8291	1.0182	78.6	76.0	56.9	2605.7	2531.6	30.0	1.7	31.8	18	603	15	11
6/23/81	14:30	812.5	0.8291	1.0182	77.5	74.9	56.1	2593.8	2519.1	29.7	1.7	31.5	20	655	16	13
6/23/81	15:00	812.5	0.8291	1.0182	79.4	76.8	57.5	2561.2	2486.7	30.9	1.8	32.6	22	707	18	14
6/23/81	15:30	812.5	0.8291	1.0182	78.7	76.1	57.0	2542.4	2467.9	30.8	1.7	32.6	23	758	19	15
6/23/81	16:00	812.5	0.8291	1.0182	66.7	64.1	48.0	2517.3	2442.8	26.3	1.6	27.9	25	809	20	16
6/23/81	16:30	812.5	0.8291	1.0182	79.6	76.8	57.5	2493.0	2418.8	31.8	1.7	33.5	26	860	21	17
6/23/81	17:00	812.5	0.8291	1.0182	80.1	77.4	58.0	2487.9	2413.4	32.1	1.7	33.8	28	910	23	18
6/23/81	17:30	812.5	0.8291	1.0182	78.2	75.5	56.6	2487.2	2412.3	31.3	1.7	33.0	30	960	24	20
6/23/81	18:00	812.5	0.8291	1.0182	70.9	68.2	51.1	2474.0	2400.6	28.4	1.7	30.1	31	1010	25	21
6/23/81	18:30	812.5	0.8291	1.0182	75.1	72.4	54.3	2473.9	2402.0	30.2	1.7	31.9	33	1060	27	22
6/23/81	19:00	812.5	0.8291	1.0182	73.4	70.7	53.0	2473.9	2402.0	29.4	1.7	31.2	34	1110	28	23
6/23/81	19:30	812.5	0.8291	1.0182	73.2	70.6	52.9	2473.9	2400.0	29.4	1.7	31.1	36	1160	29	24
6/23/81	20:00	812.5	0.8291	1.0182	70.5	67.9	50.9	2473.9	2397.9	28.3	1.7	30.0	38	1210	30	26
6/23/81	20:30	812.5	0.8291	1.0182	73.3	70.7	52.9	2473.9	2397.9	29.5	1.7	31.2	39	1260	32	27
6/23/81	21:00	812.5	0.8291	1.0182	73.4	70.8	53.0	2473.9	2397.9	29.5	1.7	31.2	41	1310	33	28
6/23/81	21:30	812.5	0.8291	1.0182	73.1	70.5	52.8	2473.9	2397.9	29.4	1.7	31.1	42	1360	34	29
6/23/81	22:00	812.5	0.8291	1.0182	72.3	69.6	52.2	2473.9	2397.9	29.0	1.7	30.7	44	1410	36	30
6/23/81	22:30	812.5	0.8291	1.0182	73.5	70.9	53.1	2473.9	2397.9	29.6	1.7	31.3	45	1460	37	32
6/23/81	23:00	812.5	0.8291	1.0182	74.0	71.4	53.5	2473.9	2397.9	29.8	1.7	31.5	47	1510	38	33
6/23/81	23:30	812.5	0.8291	1.0182	75.1	72.4	54.2	2473.9	2397.3	30.2	1.7	31.9	48	1560	39	34
6/24/81	00:00	812.5	0.8291	1.0182	76.6	73.9	55.3	2424.8	2348.3	31.4	1.7	33.1	50	1609	41	35

***** IGT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

---DRY GAS PROPERTIES---					---FLARE GAS RATE---			---BRINE RATE---		GAS TO BRINE RATIO			---CUMULATIVE PRODUCTION---			
DATE	TIME	HHV (BTU/MCF)	GRAV- ITY	Fpv AT ORIF P&T	WET (MCF/D)	DRY (MCF/D)	HYDRO- CARBONS (MCF/D)	AT SEP. T&P (BPD)	CORRECTED (STBPD)	FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY (MMBTU)	THERMAL ENERGY (MMBTU)
6/24/81	00:30	812.5	0.8291	1.0182	71.5	71.2	53.3	2439.3	2362.2	30.1	1.7	31.8	52	1658	42	37
6/24/81	01:00	812.5	0.8291	1.0182	72.5	69.7	52.2	2437.4	2360.2	29.6	1.7	31.2	53	1707	43	38
6/24/81	01:30	812.5	0.8291	1.0182	74.8	72.1	54.8	2405.6	2329.2	31.0	1.7	32.6	55	1756	44	39
6/24/81	02:00	812.5	0.8291	1.0182	74.4	71.7	53.7	2406.3	2329.7	30.8	1.7	32.5	56	1804	46	40
6/24/81	02:30	812.5	0.8291	1.0182	72.5	69.8	52.3	2415.4	2338.4	29.8	1.7	31.5	58	1853	47	42
6/24/81	03:00	812.5	0.8291	1.0182	74.7	72.0	53.9	2367.1	2291.6	31.4	1.7	33.1	59	1901	48	43
6/24/81	03:30	812.5	0.8291	1.0182	75.6	72.9	54.6	2392.2	2315.8	31.5	1.7	33.2	61	1949	50	44
6/24/81	04:00	812.5	0.8291	1.0182	73.4	70.7	52.9	2408.4	2331.4	30.3	1.7	32.0	63	1998	51	45
6/24/81	04:30	812.5	0.8291	1.0182	72.9	70.2	52.6	2406.0	2328.9	30.2	1.7	31.8	64	2046	52	47
6/24/81	05:00	812.5	0.8291	1.0182	75.6	72.8	54.5	2349.4	2274.1	32.0	1.7	33.7	66	2093	53	48
6/24/81	05:30	812.5	0.8291	1.0182	74.0	71.3	53.4	2369.7	2293.6	31.1	1.7	32.8	67	2141	55	49
6/24/81	06:00	812.5	0.8291	1.0182	73.0	70.3	52.7	2375.7	2299.4	30.6	1.7	32.3	69	2189	56	50
6/24/81	06:30	812.5	0.8291	1.0182	70.5	67.8	50.7	2375.0	2298.5	29.5	1.7	31.2	70	2237	57	52
6/24/81	07:00	812.5	0.8291	1.0182	69.3	66.7	49.9	2370.2	2293.4	29.1	1.7	30.8	72	2285	58	53
6/24/81	07:30	812.5	0.8291	1.0182	73.5	70.9	53.1	2352.7	2275.9	31.2	1.7	32.8	73	2332	60	54
6/24/81	08:00	812.5	0.8291	1.0182	73.2	70.6	52.9	2344.2	2267.4	31.1	1.7	32.8	75	2379	61	55
6/24/81	08:30	812.5	0.8291	1.0182	71.2	68.6	51.4	2361.1	2283.7	30.8	1.7	31.7	76	2427	62	57
6/24/81	09:00	812.5	0.8291	1.0182	72.1	69.4	52.0	2324.2	2248.4	30.9	1.7	32.6	78	2474	63	58
6/24/81	09:30	812.5	0.8291	1.0182	72.2	69.5	52.1	2323.7	2248.1	30.9	1.7	32.6	80	2521	65	59
6/24/81	10:00	812.5	0.8291	1.0182	72.0	69.2	51.8	2324.5	2249.0	30.8	1.7	32.5	81	2568	66	60
6/24/81	10:30	812.5	0.8291	1.0182	71.2	68.5	51.3	2321.1	2245.6	30.5	1.7	32.2	83	2614	67	62
6/24/81	11:00	812.5	0.8291	1.0182	70.4	67.7	50.7	2314.4	2239.2	30.2	1.7	31.9	84	2661	68	63
6/24/81	11:30	812.5	0.8291	1.0182	73.0	70.2	52.6	2284.8	2210.8	31.8	1.7	33.5	86	2707	70	64
6/24/81	12:00	812.5	0.8291	1.0182	72.6	69.9	52.4	2290.9	2217.0	31.5	1.7	33.2	87	2753	71	65
6/24/81	12:30	812.5	0.8291	1.0182	72.2	69.4	52.0	2299.8	2225.6	31.2	1.7	32.9	89	2800	72	66
6/24/81	13:00	812.5	0.8291	1.0182	70.3	67.5	50.6	2302.2	2227.9	30.3	1.7	32.0	90	2846	73	68
6/24/81	13:30	812.5	0.8291	1.0182	68.8	66.0	49.5	2311.3	2236.7	29.5	1.7	31.3	92	2893	74	69
6/24/81	14:00	812.5	0.8291	1.0182	70.3	67.7	50.7	2289.4	2215.5	30.5	1.7	32.3	93	2939	76	70
6/24/81	14:30	812.5	0.8291	1.0182	70.1	67.4	50.5	2292.1	2218.2	30.4	1.7	32.1	95	2985	77	71
6/24/81	15:00	812.5	0.8291	1.0182	68.2	65.5	49.8	2308.5	2234.0	29.3	1.7	31.0	96	3031	78	73
6/24/81	15:30	812.5	0.8291	1.0182	67.8	65.1	48.7	2309.6	2235.0	29.1	1.7	30.8	97	3078	79	74
6/24/81	16:00	812.5	0.8291	1.0182	68.4	65.7	49.2	2318.4	2243.6	29.3	1.7	31.0	99	3125	80	75
6/24/81	16:30	812.5	0.8291	1.0182	69.4	66.7	49.9	2414.4	2336.4	28.5	1.7	30.3	100	3173	82	76
6/24/81	17:00	812.5	0.8291	1.0182	72.0	69.5	52.1	2414.4	2340.3	29.7	1.7	31.4	102	3222	83	77
6/24/81	17:30	812.5	0.8291	1.0182	76.3	73.8	55.2	2754.8	2665.2	27.7	1.7	29.4	104	3278	84	79
6/24/81	18:00	812.5	0.8291	1.0182	74.1	71.5	53.5	2252.1	2178.9	32.8	1.7	34.5	105	3323	85	80
6/24/81	18:30	812.5	0.8291	1.0182	72.4	69.8	52.3	2266.9	2193.2	31.8	1.7	33.5	107	3369	87	81
6/24/81	19:00	812.5	0.8291	1.0182	71.2	68.7	51.4	2164.8	2093.5	32.8	1.7	34.5	108	3412	88	83
6/24/81	19:30	812.5	0.8291	1.0182	71.1	68.6	51.3	2274.2	2199.7	31.2	1.7	32.8	110	3458	89	84
6/24/81	20:00	812.5	0.8291	1.0182	71.1	68.5	51.3	2275.2	2200.3	31.1	1.7	32.8	111	3504	90	85
6/24/81	20:30	812.5	0.8291	1.0182	71.1	68.5	51.3	2275.2	2200.2	31.1	1.7	32.8	113	3550	91	86
6/24/81	21:00	812.5	0.8291	1.0182	71.3	68.7	51.4	2204.1	2131.4	32.2	1.7	33.9	114	3594	93	87
6/24/81	21:30	812.5	0.8291	1.0182	73.3	70.7	53.0	2226.2	2152.9	32.9	1.7	34.5	116	3639	94	89
6/24/81	22:00	812.5	0.8291	1.0182	71.6	69.0	51.7	2252.7	2178.7	31.7	1.7	33.3	117	3685	95	90
6/24/81	22:30	812.5	0.8291	1.0182	72.8	70.2	52.6	2259.0	2185.0	32.1	1.7	33.8	119	3730	96	91
6/24/81	23:00	812.5	0.8291	1.0182	72.3	69.7	52.2	2259.8	2185.8	31.9	1.7	33.6	120	3776	98	92
6/24/81	23:30	812.5	0.8291	1.0182	72.3	69.7	52.2	2259.8	2185.7	31.9	1.7	33.6	122	3821	99	93
6/25/81	00:00	812.5	0.8291	1.0182	72.4	69.8	52.3	2259.1	2185.1	31.9	1.7	33.6	123	3867	100	95

***** ICT WELL TEST ANALYSIS: MARTIN - CROWN ZELLERBACH WELL #2 *****

PRESSURE BASE = 14.73 PSIA

TEMPERATURE BASE = 60 DEGREES F

THERMAL ENERGY BASE TEMPERATURE = 120 DEGREES F

--DRY GAS PROPERTIES--					---FLARE GAS RATE---			---BRINE RATE---		GAS TO BRINE RATIO			---CUMULATIVE PRODUCTION---			
DATE	TIME	HHV (BTU/MCF)	GRAVITY	Fpv AT ORIF P&T	WET (MCF/D)	DRY (MCF/D)	HYDRO-CARBONS (MCF/D)	AT SEP. T&P (BPD)	CORRECTED (STBPD)	FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY (MMBTU)	THERMAL ENERGY (MMBTU)
6/25/81	00:30	812.5	0.8291	1.0182	72.2	69.6	52.1	2253.7	2179.8	31.9	1.7	33.6	124	3912	101	96
6/25/81	01:00	812.5	0.8291	1.0182	72.1	69.5	52.1	2251.2	2177.3	31.9	1.7	33.6	126	3957	102	97
6/25/81	01:30	812.5	0.8291	1.0182	72.0	69.4	51.9	2249.4	2175.6	31.9	1.7	33.5	127	4003	104	98
6/25/81	02:00	812.5	0.8291	1.0182	71.8	69.2	51.9	2247.5	2173.8	31.9	1.7	33.5	129	4048	105	100
6/25/81	02:30	812.5	0.8291	1.0182	71.7	69.1	51.8	2244.8	2171.2	31.8	1.7	33.5	130	4093	106	101
6/25/81	03:00	812.5	0.8291	1.0182	71.5	68.9	51.6	2242.5	2169.0	31.8	1.7	33.4	132	4138	107	102
6/25/81	03:30	812.5	0.8291	1.0182	71.3	68.7	51.4	2240.3	2166.8	31.7	1.6	33.3	133	4183	108	103
6/25/81	04:00	812.5	0.8291	1.0182	70.8	68.2	51.1	2240.1	2166.6	31.5	1.7	33.1	135	4229	110	104
6/25/81	04:30	812.5	0.8291	1.0182	70.6	68.0	50.9	2229.8	2156.6	31.5	1.7	33.2	136	4274	111	106
6/25/81	05:00	812.5	0.8291	1.0182	71.2	68.6	51.4	2216.9	2144.2	32.0	1.7	33.6	138	4318	112	107
6/25/81	05:30	812.5	0.8291	1.0182	71.4	68.9	51.6	2209.5	2137.0	32.2	1.7	33.9	139	4363	113	108
6/25/81	06:00	812.5	0.8291	1.0182	71.4	68.8	51.5	2207.7	2135.4	32.2	1.7	33.9	141	4407	115	109
6/25/81	06:30	812.5	0.8291	1.0182	71.2	68.6	51.4	2209.5	2137.0	32.1	1.7	33.8	142	4452	116	110
6/25/81	07:00	812.5	0.8291	1.0182	70.6	68.0	51.0	2216.2	2143.5	31.7	1.6	33.4	144	4496	117	112
6/25/81	07:30	812.5	0.8291	1.0182	69.0	66.4	49.7	2220.2	2147.6	30.9	1.7	32.6	145	4541	118	113
6/25/81	08:00	812.5	0.8291	1.0182	70.1	67.5	50.5	2195.9	2124.3	31.8	1.7	33.5	147	4585	119	114
6/25/81	08:30	812.5	0.8291	1.0182	70.2	67.6	50.6	2191.1	2119.8	31.9	1.7	33.6	148	4630	121	115
6/25/81	09:00	812.5	0.8291	1.0182	68.0	65.4	49.0	2201.1	2129.6	30.7	1.7	32.4	150	4674	122	116
6/25/81	09:30	812.5	0.8291	1.0182	65.7	63.1	47.3	2213.8	2142.0	29.5	1.7	31.2	151	4719	123	117
6/25/81	10:00	812.5	0.8291	1.0182	33.9	31.3	23.4	1018.7	986.1	31.7	1.0	32.7	152	4739	123	118
6/25/81	10:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	11:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	11:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	12:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	12:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	13:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	13:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	14:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	14:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	15:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	15:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	16:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	16:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	17:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	17:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	18:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	18:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	19:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	19:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	20:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	20:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	21:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	21:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	22:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	22:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	23:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	23:30	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118
6/25/81	00:00	0.0	0.0000	0.0000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152	4739	123	118

APPENDIX L
SAMPLING AND CHEMICAL ANALYSIS PROCEDURES

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Industries of Houston, Inc.
Eaton Operating Co., Inc.
3104 Edloe, Houston, Texas 77027

Chemical Analysis

A. Collection

1. Brine Samples

Brine samples will be collected from taps in the main flow line after the separator but before the filter unit. They will be collected in Teflon-lined stainless steel flow-through cylinders and in polyethylene plastic bottles. The cylinders will be cleaned with an organic solvent such as petroleum ether, inspected, and tested for leaks prior to use. The plastic bottles will be cleaned with HCl and rinsed at least four times with deionized water prior to use.

Three stainless steel cylinders will be connected in series and attached to one of the taps. Brine will be allowed to flow through these cylinders to purge all air from them. After several container volumes have flowed through, the valves will be closed, beginning with the tap farthest from the top and working inward, to trap a sample of the brine. This will make up the RU sample, which should be cooled to ambient temperature before opening for analysis. If the sample is to be saved as an archive sample for the well, the cylinder valve ends will be sealed with Swagelok caps.

All other brine samples will be collected in polyethylene plastic bottles. The solids collected on one of the membranes used to filter the samples will be used for the determination of suspended solids. These brine samples will then be treated and analyzed as follows (underlined parameters will be analyzed on site):

<u>Treatment</u>	<u>Parameters Analyzed</u>
RU (Raw, Untreated)	<u>pH, temperature, alkalinity,</u> <u>total carbon dioxide, S²⁻</u> <u>specific conductance,</u> <u>suspended solids, gas analysis</u>
RA (Raw, Acidified) (Add 3 ml of 1:1 HNO ₃ /liter)	Radioactivity
FU (Filtered, Untreated) (Filter through a 0.45 μ m membrane filter)	<u>Dissolved solids, Cl⁻, SiO₂</u>
FU-1:1 (Filtered, Untreated, Diluted 1:1) (Filter through a 0.45 μ m membrane filter. Dilute one volume with an equal volume of deionized water)	SiO ₂

FU-1:4
(Filtered, Untreated, Diluted 1:4)
(Filter through a 0.45 μ m membrane
filter. Dilute one volume with
four volumes of deionized water)

SiO₂

FA-HNO₃
(Filtered, Acidified with HNO₃)
(Filter through a 0.45 μ m membrane
filter. Add 1:1 HNO₃ until the
solution's pH <1.5 and note the
amount of acid used)

As, Cd, Cr, Cu, Fe, Hg,
Mn, Pb, Zn, Cl⁻

FA-HCl
(Filtered, Acidified with HCl)
(Filter through a 0.45 μ m membrane
filter. Add 1:1 HCl until the
solution's pH <3.0.)

Ba, Ca, K, Mg, Na, Sr,
SO₄²⁻, NH₃

2. Gas Samples

Gas samples will be collected from taps on the separator. They will be collected in 300-ml Teflon-lined stainless steel cylinders that have been cleaned with an organic solvent such as petroleum ether, inspected, and tested for leaks prior to use. A cylinder will be evacuated and heated in an oven to a temperature slightly above either the separator temperature or to 100°C, whichever is higher. Before attaching the cylinder, the sampling port and lines will be purged with gas until thermal equilibrium with the gas is reached. The cylinder will then be attached and flushed with gas at a high flow rate for 10 seconds. The valves will then be closed, the outermost first, and the cylinder will be removed. If the analyses are not to be performed immediately, the valve ends will be sealed with Swagelok caps.

B. Test Procedures for Liquid Samples

1. pH

Use a pH meter with automatic temperature compensation. Calibrate the pH meter with buffers of pH = 4.0 and pH = 7.0. Drain a portion of a sample collected in a cylinder into a beaker and determine the pH immediately. Do not stir the sample. The pH may drift down, then up, as the solution evolves CO₂. Report the lowest pH reading.

2. Temperature

Record the temperature of brine after it has been flowing into a container for several minutes and has reached thermal equilibrium.

3. Specific Conductance

Use a commercial instrument that has been calibrated with KCl at various temperatures. The unused portion of the sample used for the pH measurement should be used for this determination. Determine the specific conductance and the temperature of the brine at which it was measured. Report the specific conductance in μ mhos/cm corrected to 25°C.

4. Suspended solids

Weigh a piece of 0.45 μ m membrane filter, then filter a measured volume of sample through the membrane. Dry the filter at 110°C and report suspended solids in mg/liter. Save the material for possible X-ray diffraction or emission spectrographic analysis.

5a. Alkalinity

Pipet 50-ml of brine from a second cylinder into a 250-ml beaker. Place the electrodes of a calibrated pH meter into the sample and titrate with 0.1 N H_2SO_4 . Add the standard acid in increments of a 1 to 2 ml at the beginning of the titration and change the increments to 0.25 to 0.50 ml near pH = 5.0. The incremental volumes should be determined by the actual titration and the speed with which the pH is changing. Titrate the solution until the pH is 2.0. Plot the titration curve and determine the end point from the graph. Report the alkalinity as mg CO_2 /liter.

5b. Total Carbon Dioxide

After the dissolved gas has been flashed off of the brine in the third cylinder, drain the brine into a graduated cylinder to determine its volume. Add 1 ml of 10 N NaOH to the sample as it drains, being sure to correct the volume for this addition. Transfer a 50-ml aliquot to the carbonate train. Add about 30 ml of water, acidify with 40 ml of 1:1 HCl, and assemble the train. Purge the liberated CO_2 into a tared Nesbitt bulb packed with Ascarite by flowing about 150 ml/min of nitrogen through the train for 1 hour. Weigh the Nesbitt bulb to obtain the weight of CO_2 liberated and trapped. Report as mg CO_2 /liter.

6. Chloride

Pipet 1.00 ml of the sample (FU for on-site analysis; FA- HNO_3 for later analysis) into a 125 ml Erlenmeyer flask and dilute to approximately 50 ml. Adjust the pH to 8 using dilute NaOH. Add 10 drops of K_2CrO_4 indicator solution (5 g K_2CrO_4 /100 ml deionized water) and titrate with 0.1 N $AgNO_3$ or equivalent until the end-point persists. Report as mg Cl^- /liter.

7. Silica

Determine directly on-site using FU samples as soon as possible after collection. Some precipitation of silica may occur if too much time elapses between collection and analysis. For off-site analysis, analyze the two FU samples diluted 1:1 and 1:4 with distilled water. Agreement in the silica determinations between the two dilutions is evidence that no precipitation of silica occurred.

Volumes in the following procedure are based on the determination of silica in the undiluted FU samples. Some adjustments must be made for the determination in the diluted samples.

- a. Pipet 1.00 ml of sample into a beaker. Add 9 ml of deionized water.
- b. Pipet 1.00 ml of each standard into a beaker. Add 1 ml of NaCl solution (same concentration as sample) and 9 ml of deionized water to each beaker containing standards.

c. Prepare a blank by adding 1.00 ml of NaCl solution to 9 ml of deionized water in a beaker.

d. Pipet into each of the beakers in steps 1-3:

1. 5.00 ml of 1.0 N HCl

2. 5.00 ml of Na₂EDTA solution (10 g/liter)

3. 5.00 ml of ammonium molybdate solution (52 g of (NH₄)₆Mo₇O₂₄·4H₂O in deionized water, adjust pH to 7-8 with 10 N NaOH, dilute to 1 liter with deionized water. Filter through 0.45 μm membrane filter if necessary.

e. Wait 5 minutes and add 500 ml of H₂C₄H₄O₆ (tartaric acid) solution (100 g/liter) to each beaker. Mix.

f. Wait 2 minutes and add 10.00 ml of Na₂SO₃ solution (170 g/liter) to each beaker. Mix.

g. Wait 30 minutes and read the absorbance of the contents of the beaker at 700 nm in a 1-cm cell with a spectrophotometer. Use the blank as a reference.

h. Plot the data and graphically determine the SiO₂ concentration.

i. Report mg SiO₂/liter.

8. Dissolved Solids

Pipet a volume of sample containing f200 mg dissolved solids into a preweighed container. Evaporate the liquid and then dry at 180°C for two hours or until constant weight is obtained. Report dissolved solids as mg dissolved solids/liter.

9. Boron

Prepare standard boron solutions of 0.2 to 5.0 mg B/liter. Pipet 2.00 ml of the standards and samples into 30 ml Teflon or plastic (but not glass) beakers. Prepare a blank by pipetting 2.00 ml of deionized water into a Teflon beaker. If the SiO₂ concentration is >25 mg/liter, add silica standard (the same concentration as the sample) to the standards. To blank, standards, and samples, add two drops of concentrated HCl and two drops of concentrated H₂SO₄. Allow to stand for 1 hour. Set spectrophotometer to 600 nm. Use a 1-cm cell and read the absorbance of each sample with the blank as a reference. Determine boron graphically and report as mg B/liter.

10. Sulfide

Use an aliquot of the sample from the first cylinder and a Hellige comparator. Follow the manufacturer's instructions. Report as mg S²⁻/liter.

11. Fluoride

Use a specific ion electrode and follow the manufacturer's instructions. Report as mg F/liter.

12. Iron

Determine by atomic absorption spectrometry. Report as mg Fe/liter.

13. Barium

Determine by atomic emission spectrometry. Report as mg Ba/liter.

14. Sulfate

Pipet a 25-ml aliquot into a 50-ml volumetric flask. Add 12 ml of acid-salt solution (240 g of NaCl, 20 ml of conc. HCl, and 120 ml of glycerine diluted to 1 liter) to the flask. Dilute to volume with deionized water and mix. Add about 350 mg of BaCl₂ crystals to a 10-ml aliquot of the sample and stir well. After 5 minutes measure the absorbance of the solution at 420 nm using an aliquot of the sample without BaCl₂ as the reference. Construct a calibration curve from standards containing from 5 to 100 mg SO₄²⁻/liter. Read the concentration of the sample from this curve. Report as mg SO₄²⁻/liter.

15. Strontium

Determine by atomic absorption spectrometry. Use 1.00 ml of a La₂O₃-KCl mixture (117.3 g La₂O₃ dissolved in minimum amount of dilute HCl + 19.1 g KCl and add deionized water to 1 liter) for each 10.00 ml sample or standard. Report as mg Sr/liter.

16. Sodium

Determine by flame emission or atomic absorption spectrometry. Add sufficient Cs (or K) to make each solution 2000 mg liter in Cs (or K) to swamp the potassium interference. Report as mg Na/liter.

17. Potassium

Determine by flame emission or atomic absorption spectrometry. Swamp the sodium interference by making the standards 2000 mg Cs/liter. Report as mg K/liter.

18. Calcium

Determine by atomic absorption spectrometry. Use 1.00 ml of La₂O₃ solution (29 g of La₂O₃ in 250-ml of concentrated HCl (CAUTION) and diluted to 500 ml with deionized water) for each 10.00 ml sample or standard. Report as mg Ca/liter.

19. Cadmium

Determine by atomic absorption spectrometry. Report as mg Cd/liter.

20. Magnesium

Determine by atomic absorption spectrometry after the addition of La₂O₃ solution as with calcium. Report as mg Mg/liter.

21. Ammonia

Follow manufacturer's directions for specific ion electrode. Report as mg NH_3 /liter.

22. Zinc

Determine by atomic absorption spectrometry. Report as mg Zn/liter.

23. Manganese

Determine by atomic absorption spectrometry. Report as mg Mn/liter.

24. Arsenic

Determine by atomic absorption spectrometry after converting the metal to arsine. Care should be exercised to prevent the absorption of radiation at the arsenic wavelengths by organic vapors. Report as mg As/liter.

25. Copper

Determine by atomic absorption spectrometry. Report as mg Cu/liter.

26. Chromium

Determine by atomic absorption spectrometry. Report as mg Cr/liter.

27. Lead

Determine by atomic absorption spectrometry. Report as mg Pb/liter.

28. Mercury

Determine by cold-vapor atomic absorption spectrometry. Report as μg Hg/liter.

29. Radioactivity

Samples to be submitted to the USGS for measurements of gross alpha, gross beta, and gross gamma.

30. X-Ray Diffraction

The suspended solids collected on the filter should be subjected to x-ray diffraction techniques such that clays and minerals will be identified. A semi-quantitative determination of each material identified is desirable.

C. Test Procedure for Gas Samples

1. Standard Hydrocarbons

Use a gas chromatograph to determine C_1 - C_6 and C_6^+ . The standard analysis usually determines CO_2 , N_2 , and O_2 simultaneously. Report as mole percent of each element or compound.

2. Hydrogen, Ammonia, Hydrogen Sulfide, and Helium

These gases should be determined by standard gas chromatography. Use the proper column, carrier gas, etc., to obtain the correct determination. Report as mole percent of each element or compound. Ammonia and H_2S will be estimated on-site using Draeger apparatus.

3. Radon-222

Evacuate the alpha counting chamber and admit a known amount of gas sample into the chamber. Count the Rn-222 and report as pCi ^{222}Rn /liter. This measurement will be made by USGS with gas samples provided by IGT.

4. Mass Spectrometry

Analyze a gas sample by mass spectrometry over the mass range from Z-1 to Z-400 and report the gases present. This determination is to be made on one sample only.

D. On-Site Laboratory

The following determinations must be made at an on-site laboratory before precipitation occurs in the sample: pH, T, specific conductance, total dissolved solids, total suspended solids, alkalinity, total carbon dioxide, Cl^- , S^{2-} , SiO_2 . Other determinations will be made later in IGT's Chicago lab facilities. Gas analysis for C_1 - C_6 hydrocarbons and CO_2 will be performed on-site using a gas chromatograph containing a thermal conductivity detector. NH_3 and H_2S in the gas will be estimated on-site using a Draeger apparatus.

Produced gas/water ratios will be calculated on-site using values of meter output corrected for actual composition of flow streams. Gas flows will be corrected for C_1 - C_6 , CO_2 and H_2O content. Liquid flows will be corrected for gas content determined by on-site flashing plus analysis of liberated gas.

E. Sampling Schedule

1. When the test schedule is known, advance phone calls will be made to the following organizations to alert them should they desire to take their own samples.

- McNeese State University
- USGS — Menlo Park & Bay St. Louis
- University of Texas
- L.S.U.

All third party sampling must be approved and supervised by the Eaton Engineer in charge to ensure proper safety and operational procedures. IGT will maintain a log of such samples and maintain contact for companies of lab results, resolution of any discrepancies, and supporting of results obtained by third parties.

2. When the well has flowed 2400 bbl/day for several hours after bottoms up (step 2 of operating procedure), brine and gas samples will be collected. Wellhead pressure samples will be flashed to atmospheric

pressure at the site for gas/water ratio determination. Two samples each of brine and gas will be taken at separator pressure for laboratory analysis. In addition, raw and acidified brine samples will be collected from separator outputs at atmospheric pressure using the procedure described above. Samples for radioactivity analysis will be provided to the USGS.

3. During the 96-hour buildup, surface lines will be examined for scale formation, and samples of any scale found will be shipped to IGT for analysis.
4. Two bottomhole samples will be taken with Gearhart Owen samplers at the end of the buildup period. A few barrels of brine will be flowed so that the samples are fresh reservoir brine. Filled samples will be transported to IGT, by IGT, for analysis.
5. During the stepwise increase in flow rate, sample collection and analysis at each rate will be as follows:
 - At least twice daily, collect wellhead pressure samples and flash to determine gas/H₂O ratio until it is clear that consistent and more accurate data are being obtained from corrected gas and liquid gas meter readings.
 - Perform daily on-site analyses of samples from the separator using procedures previously described.
 - On the first, third, and fifth day at each flow rate, collect samples from the separator gas and liquid output for subsequent lab analysis using procedures previously described.
6. During the last day of flow through the separator, additional separator pressure gas and liquid samples will be collected and retained for up to 1 year for future analyses to resolve unanticipated issues. A few gallons of raw and acidified brine will also be stored at atmospheric pressure.
7. During disassembly of the testing equipment, it will be examined for any evidence of scale or corrosion. Observations will be documented, and samples of any scale found will be shipped to IGT for analysis.

EXHIBIT 100-100000

EXHIBIT 100-100000

APPENDIX M

RICE UNIVERSITY SCALE AND CORROSION EVALUATION

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Industries of Houston, Inc.
Eaton Operating Co., Inc.
3104 Edloe, Houston, Texas 77027

M-1

SCALE AND CORROSION REPORT FOR
THE CROWN-ZELLERBACH WELL OF OPPORTUNITY

Prepared by

John E. Oddo
Mason B. Tomson

Rice Engineering Design
and Development Institute
Rice University
P. O. Box 1892
Houston, Texas 77001

July 27, 1981

Conclusions and Recommendations

The saturation index (SI) calculation developed at Rice appears to accurately predict the scaling tendency. Since no scale was formed at the site little was learned with regard to inhibitor evaluation.

Discussion

The Crown-Zellerbach Well of Opportunity was visited on June 17, 1981. Due to the limited flow rates the surface temperature remained too low for CaCO_3 scaling to be a problem. Brine samples were taken and analyzed on site (Table 1). Amino(trimethylene phosphonic acid) (AMP-20 obtained from Aqua/Process Inc.) was injected at 4 ppm and 2 ppm (active) for one hour at each concentration to determine changes in water chemistry due to the inhibition of any scale which had been forming. Ca^{2+} and alkalinity measurements at each inhibitor concentration showed no significant change which indicated no CaCO_3 scale had been forming. This is verified by the calculation of the saturation index (SI) (Table 1) at the flow parameters and by the fact that no scale was found in the system upon shutin. The pH and SI calculations used were those developed at Rice University (preprints available on request).

Table 1
Analysis of the Crown-Zellerbach Brine

Sample No.	CZ061781 1250C	CZ061781 1505C	CZ061781 1605C
Temperature (°F)	200	201	201
Separator Pressure (psi)	255	253	252
Flow Rate (B/D)	4395	4334	4369
pH (calculated)	5.63	5.65	5.65
Saturation Index (SI)	+0.06	+0.08	+0.08
Conductance (μ mhos/cm)	49500@25°C	-	-
Alkalinity (as HCO_3^-)	854	780	817
Ca^{2+}	462	464	461
Cl^-	17700	18300	17000
Fe (total)	8.5	9.6	16
Fe^{2+}	7	6	11
SiO_2	135	-	-
PO_4^{3-}	1.2	1.9	1.8
Phosphonate (mg/l, measured)	-	4.3	2.1
Inhibitor added (mg/l, metered)	-	4 ppm AMP-20	2 ppm AMP-20)