

SALMON FOREVER
PROVISIONAL 30/15-MINUTE DATA

Raw Stage, and Raw Turbidity

ISCO Station FTR
Freshwater Creek
120 Pacific Lumber Camp Road (4J070)
Freshwater - California

Hydrologic Year 2001
Period of Record: 10/14/00 12:00 to 4/20/01 1400

R W Q C B
REGION 1
MAY 14 2001

<input type="checkbox"/> LAM	_____	<input type="checkbox"/> CRJ	_____	<input type="checkbox"/>	_____
<input type="checkbox"/> RLT	_____	<input type="checkbox"/> SAW	_____	<input type="checkbox"/> KAD	_____
<input type="checkbox"/> FCR	_____	<input type="checkbox"/> RSG	_____	<input type="checkbox"/>	_____

Compiled by
Benjamin S. Bray
For Salmon Forever
May 10, 2001

**SALMON FOREVER
FINALIZED ISCO SUSPENDED SEDIMENT SAMPLE DATA**

**Stage, Discharge, Turbidity,
and Measured Suspended Sediment Concentration**

**ISCO Station FTR
Freshwater Creek
120 Pacific Lumber Camp Road (4J070)
Freshwater - California**

Hydrologic Years 1999 and 2000

**Compiled by
Benjamin S. Bray
For Salmon Forever
May 10, 2001**

Data Description By Column		
Column	Data Description	Abbreviation
1	Date, mm/dd/yy.	date
2	Time, hh:mm.	time
3	Data dump ID number.	dump
4	Suspended sediment sample bottle ID number.	bottle
5	Stage (water depth) in units of feet.	stg
6	Stage data quality code.	scode
7	Discharge in cubic feet per second.	discharge
8	Turbidity in nephelometric turbidity units or NTU.	turb
9	Turbidity data quality code.	tcode
10	Measured suspended sediment concentration in milligrams per liter.	ssc

Stage and Turbidity Data Quality Codes	
ID	Description
0	Good (unadjusted)
1	Adjusted (in the case of stage data, raw data is often adjusted to agree with observer staff plate readings)
2	Interpolated; good
3	Interpolated; fair
4	Interpolated; poor

Note: Interpolations are defined as “good” if interpolation interval is small and the degree of uncertainty associated with stage or turbidity behavior over the interval is low. Interpolations are graded as “fair” or “poor” as time interval over which the interpolation is applied increases and the degree of uncertainty associated with stage or turbidity over the interpolation interval increases.

ISCO SSC Sample Data
Hydrologic Year 1999

date	time	dump	bottle	stg	scode	discharge	turb	tcode	ssc
1/16/1999	18:00	1	1	1.042	1	73.26	47	0	15.9
1/17/1999	17:45	1	2	1.047	1	73.84	122	0	140.3
1/17/1999	18:30	1	3	1.261	1	100.8	253	0	431
1/17/1999	19:15	1	4	1.844	1	190.7	393	0	931.5
1/17/1999	20:00	1	5	2.694	1	360.1	558	0	1567
1/17/1999	22:00	1	6	2.956	1	420.8	442	0	953
1/17/1999	22:45	1	7	2.756	1	374.1	338	0	604.2
1/17/1999	23:30	1	8	2.592	1	337.6	271	0	510.7
1/18/1999	0:45	1	9	2.323	1	281	210	0	375.6
1/18/1999	9:45	1	14	1.544	1	141.6	87	0	110.8
1/18/1999	20:00	2	1	1.297	1	105.8	62	0	49.8
1/19/1999	9:15	2	2	1.28	1	103.3	89	0	122.6
1/19/1999	14:30	2	3	1.6	1	150.4	92	0	117.5
1/19/1999	19:30	2	4	1.453	1	127.9	61	0	51
1/20/1999	18:45	2	5	1.168	1	88.66	77	0	96.3
1/20/1999	19:15	2	6	1.162	1	87.95	51	0	43.2
1/20/1999	23:30	2	7	1.416	1	122.4	88	0	94.8
1/21/1999	2:45	2	8	1.349	1	112.9	60	0	50.3
1/22/1999	15:15	3	1	1.305	1	106.8	91	0	118
1/22/1999	17:15	3	2	2.258	1	267.8	208	0	527.6
1/22/1999	18:45	3	3	2.7	1	361.5	312	0	673.6
1/22/1999	19:15	3	4	2.708	1	363.2	272	0	630.5
1/22/1999	21:00	3	5	2.874	1	401.4	220	0	524.5
1/23/1999	10:45	3	8	2.419	0	300.7	106	0	194.8
1/24/1999	1:30	4	1	1.671	0	161.7	62	0	98.4
1/24/1999	10:00	4	2	1.406	0	121	50	0	42.6
1/26/1999	7:15	4	3	0.795	0	46.52	30	0	14
1/30/1999	22:15	5	1	0.428	0	16.47	20	0	4.9
1/30/1999	23:30	5	2	0.426	0	16.34	15	0	1.7
1/31/1999	2:45	5	3	0.44	0	17.25	29	0	2.2
1/31/1999	20:15	5	4	0.501	0	21.45	21	0	5.2
2/2/1999	15:00	6	1	0.432	1	16.72	15	0	1.5
2/4/1999	10:30	6	2	0.473	1	19.45	20	0	0.8
2/5/1999	5:30	6	3	0.516	1	22.51	29	0	0.8
2/6/1999	8:30	6	4	0.689	1	36.63	82	0	87.4
2/6/1999	8:45	6	5	0.765	1	43.63	174	0	227.5
2/6/1999	9:15	6	6	0.833	1	50.34	167	0	242.1
2/6/1999	9:30	6	7	0.978	1	65.81	208	0	349.1
2/6/1999	9:45	6	8	1.271	1	102.2	240	0	497.6
2/6/1999	10:30	6	9	2.001	1	218.7	306	0	952.1
2/6/1999	10:45	6	10	2.282	1	272.7	323	0	736.3
2/6/1999	11:15	6	11	2.967	1	423.4	475	0	1242
2/6/1999	11:30	6	12	3.07	1	448.4	504	0	1368

date	time	dump	bottle	stg	scode	discharge	turb	tcode	ssc
2/6/1999	11:45	6	13	3.284	1	501.9	521	0	1389
2/6/1999	12:45	6	14	3.956	1	685.9	671	0	1781
2/6/1999	13:30	6	15	3.974	1	691.2	599	0	1788
2/6/1999	13:45	6	16	3.934	1	679.6	531	0	1391
2/6/1999	14:15	6	17	3.766	1	631.6	485	0	1561
2/6/1999	16:30	7	2	2.926	1	413.7	282	0	669
2/6/1999	18:30	7	3	2.434	1	303.9	216	0	493.3
2/6/1999	21:30	7	4	2.015	1	221.3	152	0	338.4
2/7/1999	5:45	7	5	2.619	1	343.6	208	0	581.5
2/7/1999	7:45	7	6	3.499	1	558.5	315	0	795.2
2/7/1999	9:45	7	7	3.476	1	552.1	282	0	720.1
2/7/1999	11:15	7	8	3.01	1	433.8	210	0	508.8
2/7/1999	14:00	7	9	2.624	1	344.5	153	0	310.8
2/7/1999	19:15	7	10	2.087	1	234.7	103	0	190.9
2/8/1999	7:45	7	11	1.513	1	136.9	62	0	71.2
2/8/1999	23:00	8	1	1.775	0	178.9	84	0	127.5
2/9/1999	2:45	8	2	2.547	0	327.8	178	0	396.3
2/9/1999	6:45	8	3	2.764	0	376	152	0	341.1
2/9/1999	10:30	8	4	2.514	0	320.7	103	0	184.4
2/10/1999	2:00	8	5	1.774	0	178.7	61	0	71
2/13/1999	4:00	8	6	0.913	0	58.67	30	0	17.9
2/14/1999	2:45	8	7	1.427	0	124.1	62	0	45.2
2/15/1999	18:00	8	8	0.94	0	61.61	29	0	14.9
2/15/1999	22:30	9	1	0.955	1	63.28	30	0	6.2
2/16/1999	22:15	9	2	1.112	1	81.63	59	0	52.9
2/17/1999	0:30	9	3	1.597	1	149.8	86	0	105.5
2/18/1999	10:15	9	5	1.228	1	96.4	78	0	83.7
2/18/1999	11:45	9	6	1.471	1	130.6	85	0	104
2/18/1999	15:45	9	7	1.852	1	192.2	102	0	118.6
2/18/1999	21:30	9	8	1.73	1	171.3	62	0	56.3
2/20/1999	8:00	9	9	1.067	1	76.2	30	0	20.4
2/22/1999	15:45	10	1	1.09	0	78.98	30	0	11.8
2/23/1999	5:45	10	2	1.341	0	111.8	86	0	108.8
2/23/1999	11:00	10	3	1.846	0	191.1	99	0	63.6
2/23/1999	15:15	10	4	1.647	0	157.8	60	0	53.5
2/23/1999	23:30	11	1	1.376	0	116.7	42	0	26.2
2/24/1999	19:00	11	2	1.332	0	110.5	102	0	127.8
2/25/1999	3:15	11	3	2.124	0	241.8	101	0	168.9
2/25/1999	22:00	11	5	1.922	0	204.4	62	0	87.1
2/27/1999	20:45	11	6	1.045	0	73.59	30	0	17.3
2/28/1999	10:30	11	7	1.697	0	165.9	83	0	122.8
2/28/1999	18:15	11	8	1.935	0	206.8	82	0	172
2/28/1999	20:15	11	9	1.901	0	200.7	97	0	157.8

date	time	dump	bottle	stg	soode	discharge	turb	tcode	ssc
3/1/1999	0:30	11	10	1.756	0	175.7	61	0	70.9
3/2/1999	2:15	12	1	1.179	1	90.07	30	0	27.8
3/2/1999	19:45	12	2	1.125	1	83.3	49	0	46.8
3/3/1999	0:45	12	3	1.47	1	130.4	62	0	45.7
3/4/1999	15:30	12	4	1.227	1	96.28	30	0	19.1
3/9/1999	21:00	12	5	1.411	1	121.7	57	0	41.2
3/11/1999	3:15	13	1	0.964	1	64.29	30	0	10.2
3/11/1999	10:30	13	2	0.888	1	56.01	29	0	12.8
3/13/1999	21:45	13	3	0.661	1	34.13	27	0	19.1
3/14/1999	5:15	13	4	1.303	1	106.5	81	0	91.6
3/14/1999	13:00	13	5	1.909	1	202.1	101	0	154.6
3/14/1999	20:45	13	6	1.705	1	167.3	61	0	54
3/16/1999	3:45	13	7	1.065	1	76.02	30	0	9.9
3/22/1999	22:15	14	1	0.543	1	24.53	20	0	8.1
3/22/1999	23:15	14	2	0.558	1	25.67	20	0	6
3/23/1999	7:15	14	3	0.671	1	35.03	23	0	6.3
3/23/1999	11:30	14	4	0.632	1	31.63	24	0	5.8
3/24/1999	3:00	14	5	0.651	1	33.28	24	0	7.8
3/24/1999	5:15	14	6	0.847	1	51.7	86	0	89.3
3/24/1999	11:00	14	7	2.212	1	258.7	195	0	329
3/24/1999	14:00	14	8	2.64	1	348.2	215	0	545.2
3/24/1999	15:30	14	9	3.05	1	443.5	326	0	971.4
3/24/1999	19:15	14	10	3.657	1	601.3	375	0	949.7
3/24/1999	20:30	14	11	3.472	1	551.3	277	0	736.4
3/24/1999	22:30	14	12	3.06	1	446.1	218	0	522.4
3/25/1999	2:30	14	13	2.643	1	348.9	148	0	329.4
3/25/1999	7:15	14	14	2.218	1	260	101	0	180.6
3/25/1999	17:00	14	15	1.699	1	166.3	62	0	77.5
3/26/1999	3:45	14	16	1.4	1	120.1	46	2	32.4
3/26/1999	4:45	14	17	1.374	1	116.5	45	2	25.5
3/26/1999	5:15	14	18	1.362	1	114.7	45	2	24
3/26/1999	8:45	14	19	1.291	1	104.9	42	0	20.8
3/27/1999	7:30	14	20	0.965	1	64.33	30	0	15.2
3/29/1999	9:45	16	1	0.727	1	40.05	29	0	7.6
3/29/1999	12:15	16	2	0.751	1	42.26	28	0	6.5
3/29/1999	17:30	16	3	0.83	1	50	31	0	5.1
3/29/1999	18:00	16	4	0.828	1	49.79	33	0	11.1
3/29/1999	18:15	16	5	0.836	1	50.59	33	0	10.6
3/30/1999	1:30	16	6	0.832	1	50.22	29	0	7.1
3/30/1999	15:00	16	7	0.962	1	64.06	77	0	75.4
3/30/1999	19:00	16	8	1.535	1	140.3	103	0	123.8
3/30/1999	22:30	16	9	1.591	1	149	91	0	106.7
3/31/1999	21:00	16	10	1.77	1	178.1	61	0	60.1

date	time	dump	bottle	stg	soode	discharge	turb	tcode	ssc
4/2/1999	17:45	16	11	0.973	1	65.3	30	0	24
4/5/1999	20:00	16	12	1.457	1	128.5	85	0	166.1
4/5/1999	21:45	16	13	1.472	1	130.7	150	0	210.4
4/5/1999	23:15	16	14	1.399	1	120	96	0	123.6
4/6/1999	2:00	16	15	1.294	1	105.3	59	0	51.2
4/6/1999	21:15	16	16	0.976	1	65.59	29	0	24.2
4/7/1999	14:45	17	1	0.866	1	53.74	25	0	8.2
4/8/1999	3:00	17	2	0.997	1	67.96	49	0	34.5
4/9/1999	10:00	17	3	1.063	1	75.68	30	0	14.7
4/11/1999	9:30	17	4	1.077	1	77.43	30	0	11.5
4/14/1999	3:30	17	5	0.687	1	36.38	21	0	6.1
4/16/1999	12:00	17	6	0.486	1	20.39	77	0	1.2
4/16/1999	12:45	17	7	0.49	1	20.68	39	0	0
4/17/1999	1:00	17	8	0.449	1	17.87	30	0	0.4
4/17/1999	3:30	17	9	0.447	1	17.69	29	0	2.5
4/17/1999	4:00	17	10	0.447	1	17.69	31	0	0
5/3/1999	3:00	18	1	0.664	1	34.41	24	0	19
5/3/1999	6:00	18	2	1.216	1	94.88	79	0	122.5
5/3/1999	8:00	18	3	1.79	1	181.4	204	0	435.1
5/3/1999	10:45	18	4	1.796	1	182.4	145	0	263.5
5/3/1999	13:00	18	5	1.601	1	150.4	99	0	145.1
5/3/1999	21:45	18	6	1.185	1	90.91	61	0	43.3
5/6/1999	5:30	18	7	0.585	1	27.83	30	0	14.4
5/7/1999	0:45	18	8	0.615	1	30.28	26	0	10
5/7/1999	3:30	18	9	0.609	1	29.78	29	0	3.6

ISCO SSC Sample Data
Hydrologic Year 1999

ISCO SSC Sample Data
Hydrologic Year 2000

date	time	dump	bottle	stg	scode	discharge	turb	tcode	ssc
11/16/1999	10:15	5	1	0.442	0	17.38	20	0	32.8
11/16/1999	13:15	5	2	0.609	0	29.75	37	0	23.1
11/16/1999	15:00	5	3	1.177	0	89.83	88	0	146.5
11/21/1999	13:00	5	4	0.743	0	41.53	20	0	6.6
11/29/1999	20:15	5	5	1.91	0	202.3	240	0	518
11/29/1999	21:15	5	6	2.038	0	225.6	224	0	444.1
11/29/1999	23:00	5	7	1.974	0	213.8	155	0	255.6
11/30/1999	8:15	5	8	1.489	0	133.3	58	0	68.3
11/30/1999	15:30	6	1	1.429	1	124.4	93	0	115.5
11/30/1999	17:45	6	2	2.145	1	245.8	150	0	262.9
12/2/1999	9:15	6	3	0.944	1	62.1	28	7	30.4
12/6/1999	20:00	7	1	0.489	0	20.59	20	0	2.7
12/7/1999	9:30	7	2	0.97	0	58.14	21	2	17.4
12/8/1999	7:15	7	3	1.059	1	75.22	30	0	13.6
12/9/1999	4:15	7	4	1.802	1	183.5	94	0	189.8
12/9/1999	6:30	7	5	1.809	1	184.6	97	0	198.9
12/9/1999	9:00	7	6	1.75	1	174.7	70	0	82
12/9/1999	12:30	7	7	2.018	1	221.8	78	0	108.5
12/9/1999	19:30	7	8	2.017	1	221.7	61	0	71.3
12/10/1999	19:45	7	9	1.096	1	79.76	30	0	16.4
12/12/1999	22:45	7	10	1.219	1	95.24	100	0	127.3
12/13/1999	1:30	7	11	1.91	1	202.2	99	0	128.4
12/13/1999	6:00	7	12	1.669	1	161.4	60	0	62
12/13/1999	9:15	7	13	1.489	1	133.2	44	0	32
12/13/1999	22:00	7	14	1.121	1	82.84	29	0	11.6
12/18/1999	15:00	8	1	0.688	1	36.54	20	0	4.9
12/19/1999	17:30	8	2	0.593	1	28.46	17	2	3.4
12/19/1999	18:15	8	3	0.589	1	28.14	16	0	2.2
12/31/1999	14:00	8	4	0.351	4	11.81	3	7	0.4
1/4/2000	6:30	8	5	0.448	0	17.78	30	0	13.9
1/4/2000	9:15	8	6	0.46	0	18.59	23	0	4.3
1/4/2000	11:15	8	7	0.466	0	18.99	20	0	2.8
1/4/2000	14:15	8	8	0.564	0	26.16	24	0	7
1/4/2000	21:45	8	9	0.619	0	30.58	22	0	4.1
1/10/2000	17:45	9	1	0.6	1	29.03	13	0	7.6
1/10/2000	18:45	9	2	0.676	1	35.43	22	0	17.4
1/10/2000	22:15	9	3	1.168	1	88.68	94	0	150.4
1/10/2000	23:30	9	4	1.987	1	216.1	213	0	489.4
1/11/2000	0:15	9	5	2.703	1	362.2	388	0	1172
1/11/2000	0:45	9	6	3.177	1	475	535	0	1620
1/11/2000	2:15	9	7	4.265	1	778.4	696	0	2156
1/11/2000	5:15	9	8	4.651	1	900	593	0	1797
1/11/2000	6:15	9	9	4.315	1	793.6	527	2	1512

date	time	dump	bottle	stg	scode	discharge	turb	tcode	ssc
1/11/2000	6:45	9	10	4.144	1	741.6	500	2	850.3
1/11/2000	7:15	9	11	3.921	1	675.7	473	2	1232
1/11/2000	7:45	9	12	3.608	1	587.8	445	2	1132
1/11/2000	8:15	9	13	3.498	1	558.2	418	2	1030
1/11/2000	9:15	9	14	3.134	0	464.2	364	0	823.1
1/11/2000	10:00	9	15	2.939	0	416.8	290	0	729.5
1/11/2000	12:30	9	16	2.439	0	304.9	211	0	548.2
1/11/2000	19:30	10	1	1.85	1	191.8	125	0	212.5
1/11/2000	19:45	10	2	1.836	1	189.4	126	0	219.3
1/11/2000	21:45	10	3	1.739	1	172.8	117	0	179.4
1/12/2000	0:30	10	4	1.626	1	154.5	103	0	135.5
1/12/2000	14:15	10	5	1.245	1	98.67	58	7	67.4
1/12/2000	14:30	10	6	1.241	1	98.23	55	0	51.5
1/12/2000	22:30	10	7	1.074	1	77.01	46	0	37.8
1/14/2000	1:30	10	8	1.483	1	132.4	87	0	220.6
1/14/2000	4:00	10	9	2.1	1	237.3	193	0	638.9
1/14/2000	6:15	10	10	3.032	1	439.1	321	0	1084
1/14/2000	8:00	10	11	3.939	1	681.1	508	0	1669
1/14/2000	10:15	10	12	4.532	1	861.5	494	0	1626
1/14/2000	10:45	10	13	4.42	1	826.3	443	0	1422
1/14/2000	11:00	10	14	4.416	1	824.9	417	0	1261
1/14/2000	11:45	10	15	4.168	1	748.8	364	0	1127
1/14/2000	13:30	11	1	3.665	0	603.5	298	0	810.1
1/14/2000	16:15	11	2	3.031	0	438.9	224	0	594.5
1/14/2000	22:30	11	3	2.177	1	252	131	0	245.9
1/15/2000	9:00	11	4	1.599	1	150.2	76	0	129.6
1/15/2000	22:00	11	5	1.544	1	141.6	56	0	54.8
1/16/2000	0:30	11	6	1.79	1	181.4	82	0	176.4
1/16/2000	2:00	11	7	2.528	1	323.7	227	0	735.7
1/16/2000	3:45	11	8	2.863	1	398.9	257	0	795.4
1/16/2000	4:45	11	9	2.748	1	372.3	198	0	560.2
1/16/2000	6:15	11	10	2.48	1	313.5	149	0	387.2
1/16/2000	10:00	11	11	2.138	1	244.4	101	0	236.1
1/16/2000	19:45	11	12	1.648	1	157.9	61	0	34
1/17/2000	10:30	12	1	1.235	1	97.38	39	0	47
1/18/2000	7:30	12	2	0.943	1	61.91	30	0	24.6
1/19/2000	16:00	12	3	1.585	1	148	86	0	217.7
1/19/2000	19:30	12	4	2.064	1	230.3	142	0	276.5
1/19/2000	22:00	12	5	1.978	1	214.5	98	0	163.8
1/20/2000	4:00	12	6	1.631	1	155.3	60	0	86.2
1/21/2000	7:45	12	7	1.005	1	68.97	30	3	20.9
1/21/2000	8:30	12	8	1.007	1	69.21	30	3	17.4
1/21/2000	9:45	12	9	0.99	1	67.16	30	3	12.3

date	time	dump	bottle	stg	scode	discharge	turb	teode	ssc
1/21/2000	10:15	12	10	0.981	1	66.14	30	3	15.3
1/21/2000	11:45	12	11	0.965	1	64.36	30	0	16.8
1/22/2000	16:30	13	1	0.886	1	55.78	26	0	8
1/24/2000	11:30	13	2	0.673	1	35.19	35	0	27.9
1/24/2000	12:15	13	3	0.671	1	35	21	0	6.4
1/25/2000	14:45	13	4	0.86	1	53.06	23	0	15.7
1/26/2000	14:45	13	5	0.948	1	62.54	29	0	11.9
1/27/2000	18:00	13	6	0.733	1	40.61	21	0	7.9
1/30/2000	5:45	13	7	0.553	1	25.33	24	0	23.4
1/30/2000	7:30	13	8	0.581	1	27.49	26	0	16.4
1/30/2000	22:45	13	9	1.288	1	104.5	59	0	60.7
1/31/2000	16:15	14	1	1.073	1	76.92	37	0	16.9
2/1/2000	7:45	14	2	0.921	1	59.5	30	0	7.7
2/3/2000	20:00	14	3	0.589	1	28.11	16	3	4.9
2/4/2000	2:45	14	4	0.567	1	26.4	16	3	7.9
2/4/2000	10:45	14	5	0.545	1	24.73	15	3	2.5
2/4/2000	13:30	14	6	0.539	1	24.26	15	3	2.5
2/4/2000	14:00	14	7	0.54	1	24.33	15	3	10.4
2/4/2000	14:30	14	8	0.538	1	24.18	15	3	1.5
2/5/2000	10:00	14	9	0.547	1	24.88	22	0	8.9
2/5/2000	14:00	14	10	0.634	1	31.84	23	0	12.9
2/5/2000	15:15	15	1	0.69	1	36.69	20	0	17.6
2/6/2000	13:15	15	2	0.769	1	43.99	30	0	6.3
2/12/2000	6:15	16	1	0.532	1	23.71	47	0	54
2/12/2000	7:30	16	2	0.542	1	24.45	51	0	43.3
2/12/2000	9:45	16	3	0.583	1	27.68	30	0	18
2/12/2000	13:00	16	4	0.832	1	50.21	29	7	27.3
2/14/2000	1:15	16	5	1.188	1	91.3	94	0	151.6
2/14/2000	2:30	16	6	1.782	1	180	206	0	533.6
2/14/2000	4:00	16	7	2.639	1	347.9	343	0	1108
2/14/2000	6:30	16	8	3.074	1	449.4	349	0	930.1
2/14/2000	7:15	16	9	2.915	1	411.2	282	0	696.5
2/14/2000	8:30	16	10	2.79	1	382	214	0	567.1
2/14/2000	11:15	16	11	3.259	1	495.7	217	0	592.2
2/14/2000	12:00	16	12	3.98	1	693	417	0	1491
2/14/2000	12:30	16	13	4.346	1	803.2	565	0	2056
2/14/2000	12:45	16	14	4.369	1	810.3	596	0	2024
2/14/2000	13:30	16	15	4.345	1	802.9	525	0	1452
2/14/2000	13:45	16	16	4.265	1	778.2	492	0	1296
2/14/2000	14:15	16	17	4.172	1	750	414	0	816.1
2/14/2000	14:45	16	18	4.111	1	731.7	357	0	988.1
2/14/2000	15:00	16	19	4.107	1	730.5	342	0	1007
2/14/2000	16:45	17	1	4.086	1	724.3	293	0	690

date	time	dump	bottle	stg	scode	discharge	turb	teode	ssc
2/14/2000	17:00	17	2	3.961	1	687.4	287	0	681.6
2/14/2000	17:45	17	3	3.795	1	639.9	286	0	605.8
2/14/2000	20:00	17	4	3.274	1	499.6	215	0	425.5
2/14/2000	21:15	17	5	3.12	1	460.7	188	2	399.1
2/14/2000	21:45	17	6	3.02	1	436.2	178	2	341.3
2/14/2000	22:15	17	7	2.921	1	412.6	167	2	497.5
2/14/2000	22:45	17	8	2.86	1	398.2	158	0	321.2
2/14/2000	23:30	17	9	2.779	1	379.5	150	0	311
2/15/2000	4:15	17	10	2.411	1	298.9	101	0	190.4
2/15/2000	13:30	17	11	1.885	1	197.9	62	0	97.5
2/17/2000	11:30	17	12	1.128	1	83.69	30	0	23.1
2/22/2000	9:15	18	1	0.529	1	23.49	21	0	17.9
2/22/2000	14:15	18	2	1.033	1	72.13	54	0	172.6
2/22/2000	16:45	18	3	1.246	1	98.83	86	0	114.3
2/23/2000	4:00	18	4	1.383	1	117.7	60	0	58
2/24/2000	22:45	18	5	1.013	0	69.85	30	0	19.1
2/26/2000	19:30	18	6	0.969	0	64.83	52	0	50.2
2/26/2000	22:00	18	7	1.543	0	141.5	95	0	177.6
2/27/2000	1:15	18	8	1.61	0	151.9	105	0	148.7
2/27/2000	6:15	18	9	1.528	0	139.2	62	0	58.2
2/27/2000	13:45	18	10	1.631	0	155.2	61	0	81.4
2/27/2000	16:15	18	11	1.868	0	194.9	84	0	167.8
2/27/2000	22:45	18	12	2.479	0	313.3	179	0	444.9
2/28/2000	5:30	18	14	2.704	0	362.4	142	0	307.5
2/28/2000	9:30	18	16	2.342	0	284.8	100	2	185.5
2/28/2000	10:15	19	1	2.26	0	268.3	95	0	244
2/28/2000	17:45	19	2	1.819	0	186.4	61	0	97.7
2/28/2000	20:30	19	3	1.715	0	168.9	57	0	71.6
2/29/2000	6:30	19	4	2.085	0	234.4	82	0	118.7
2/29/2000	18:30	19	5	2.042	0	226.3	60	0	97
3/2/2000	10:15	19	6	1.156	0	87.16	30	0	19.8
3/4/2000	6:15	19	7	0.877	0	54.85	26	0	10.7
3/4/2000	19:00	19	8	1.544	0	141.6	81	0	133.7
3/5/2000	0:15	19	9	1.596	0	149.7	60	0	78.2
3/6/2000	1:00	19	10	1.106	0	80.93	30	0	12.7
3/9/2000	17:30	20	1	0.827	0	49.7	23	0	14.5
3/11/2000	17:15	20	2	0.851	0	52.15	27	0	10.7
3/16/2000	5:45	20	3	0.8	0	47.01	88	0	87
3/16/2000	7:15	20	4	0.883	0	55.48	61	0	34.9
3/16/2000	11:00	20	5	1.44	0	126	88	0	120.2
3/16/2000	16:00	20	6	1.326	0	109.7	62	0	45.1
3/19/2000	3:30	20	7	0.837	0	50.72	60	0	15.1
3/19/2000	17:00	20	8	0.9	0	57.28	26	0	7.3

ISCO SSC Sample Data
Hydrologic Year 2000

ISCO SSC Sample Data
Hydrologic Year 2000

date	time	dump	bottle	stg	scode	discharge	turb	tcode	ssc
3/24/2000	19:00	20	9	0.549	0	25	22	0	5.7
3/25/2000	11:45	20	10	0.533	0	23.79	28	0	9.4
3/26/2000	2:00	20	11	0.535	1	23.98	27	0	3.2
4/15/2000	15:30	21	1	0.38	1	13.49	13	0	15.9
4/15/2000	16:30	21	2	0.38	1	13.49	12	2	13.7
4/16/2000	19:30	21	3	0.448	1	17.78	16	2	6.9
4/16/2000	22:45	21	4	0.529	1	23.5	21	0	15.5
4/17/2000	9:30	21	5	1.148	1	86.21	77	0	81
4/17/2000	16:30	21	6	1.264	1	101.2	83	0	92
4/17/2000	23:15	21	7	1.596	1	149.7	103	0	110.2
4/18/2000	7:30	21	8	1.191	1	91.66	62	0	67.7
4/20/2000	2:00	21	9	0.624	1	30.97	30	2	7.4
4/22/2000	17:00	21	10	0.684	1	36.13	21	0	12.5
4/23/2000	3:15	21	11	0.648	1	33	26	0	13.7
4/24/2000	0:15	21	12	0.564	1	26.13	20	2	4.9
4/24/2000	1:15	21	13	0.563	1	26.05	19	0	1.6
4/27/2000	13:45	21	14	0.47	1	19.27	21	0	9.3
4/27/2000	22:00	21	15	0.78	1	45.05	23	0	10.6
4/28/2000	19:30	21	16	0.682	1	35.95	30	0	4.9
4/30/2000	12:30	21	17	0.522	1	23.01	26	0	10.6
5/1/2000	22:15	21	18	0.479	1	19.9	26	0	3.7
5/2/2000	22:15	21	19	0.463	1	18.79	22	0	6.4
5/8/2000	13:30	21	20	0.519	1	22.76	21	0	7.1
5/10/2000	0:30	22	1	0.657	1	33.77	23	0	12.8
5/10/2000	2:15	22	2	0.736	1	40.85	51	0	46.7
5/10/2000	4:15	22	3	0.884	1	55.55	77	0	87
5/10/2000	5:45	22	4	1.289	1	104.6	82	0	119.2
5/10/2000	10:15	22	5	1.507	1	135.9	102	0	132.8
5/10/2000	18:30	22	6	1.359	1	114.3	61	0	48.6
5/11/2000	23:15	22	7	1.069	1	76.48	45	2	13
5/11/2000	24:00	22	8	1.062	1	75.64	44	0	13.6
5/13/2000	9:45	22	9	0.729	1	40.24	23	0	5.4
5/13/2000	16:30	22	10	0.694	1	37.05	20	0	2.8
5/13/2000	20:00	22	11	0.671	1	34.98	27	0	3.2
5/14/2000	0:15	22	12	0.652	1	33.39	28	0	5.5
5/14/2000	1:45	22	13	0.646	1	32.81	27	0	4.4
5/14/2000	7:45	22	14	0.628	1	31.29	24	0	3.4
5/14/2000	10:30	22	15	0.623	1	30.91	18	0	2.6
5/14/2000	16:15	22	16	0.605	1	29.42	18	2	2
5/14/2000	17:30	22	17	0.603	1	29.27	16	0	2.2
5/15/2000	14:00	22	18	0.569	4	26.56	20	0	4.9

SALMON FOREVER
PROVISIONAL 30/15-MINUTE DATA

Raw Stage, and Raw Turbidity

Hydrologic Year 2001
Period of Record: 10/14/00 12:00 to 4/20/01 14:00

Compiled by
Benjamin S. Bray
For Salmon Forever
May 10, 2001

Data Description By Column		
Column	Data Description	Abbreviation
1	Station ID # where 200 represents Freshwater Creek.	S ID
2	Four Digit Year Code yyyy.	YEAR
3	Julian day (see attached Julian day calendar).	J-DAY
4	Military time, hhmm.	TIME
5	Data dump ID number.	DUMP
6	Suspended sediment sample bottle ID number.	BOTT
7	Stage data quality code.	SCODE
8	Turbidity data quality code.	TCODE
9	Raw stage (water depth) in units of feet.	STAGE
10	Raw turbidity in nephelometric turbidity units or NTU.	TURB
11	Water temperature in °C.	W TEMP
12	Rainfall in inches.	RAIN

Stage and Turbidity Data Quality Codes	
ID	Description
0	Good (unadjusted)
1	Adjusted (in the case of stage data, raw data is often adjusted to agree with observer staff plate readings)
2	Interpolated; good
3	Interpolated; fair
4	Interpolated; poor

Note: Interpolations are defined as “good” if interpolation interval is small and the degree of uncertainty associated with stage or turbidity behavior over the interval is low. Interpolations are graded as “fair” or “poor” as time interval over which the interpolation is applied increases and the degree of uncertainty associated with stage or turbidity over the interpolation interval increases.

Note to Reader: Data recorder interval is 30 minutes from 10/14/00 12:00 to 3/12/01 15:00 when the data recorder interval was changed back to 15 minutes from 3/12/01 16:45 to 4/20/01/ 14:00.

JULIAN DAY CALENDAR

Normal Year Calendar

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FEB	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59			
MAR	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
APR	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	
MAY	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151
JUN	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	
JUL	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212
AUG	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243
SEP	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	
OCT	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304
NOV	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	
DEC	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365

Leap Year Calendar

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
FEB	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60		
MAR	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91
APR	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	
MAY	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152
JUN	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	
JUL	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213
AUG	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244
SEP	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	
OCT	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305
NOV	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	
DEC	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	288	1200	1	0	0	0	0.276	13	11.95	0
200	2000	288	1230	1	0	0	0	0.276	12	12.06	0
200	2000	288	1300	1	0	0	0	0.272	12	12.24	0
200	2000	288	1330	1	0	0	0	0.27	12	12.44	0
200	2000	288	1400	1	0	0	0	0.267	13	12.58	0
200	2000	288	1430	1	0	0	0	0.266	15	12.73	0
200	2000	288	1500	1	0	0	0	0.265	13	12.85	0
200	2000	288	1530	1	0	0	0	0.263	14	12.89	0
200	2000	288	1600	1	0	0	0	0.271	14	12.86	0
200	2000	288	1630	1	0	0	0	0.279	12	12.82	0
200	2000	288	1700	1	0	0	0	0.29	12	12.81	0
200	2000	288	1730	1	0	0	0	0.294	12	12.75	0
200	2000	288	1800	1	0	0	0	0.296	13	12.65	0
200	2000	288	1830	1	0	0	0	0.293	13	12.58	0
200	2000	288	1900	1	0	0	0	0.293	13	12.51	0
200	2000	288	1930	1	0	0	0	0.293	12	12.44	0
200	2000	288	2000	1	0	0	0	0.294	11	12.41	0
200	2000	288	2030	1	0	0	0	0.293	11	12.35	0
200	2000	288	2100	1	0	0	0	0.292	13	12.33	0
200	2000	288	2130	1	0	0	0	0.292	13	12.3	0
200	2000	288	2200	1	0	0	0	0.291	11	12.27	0
200	2000	288	2230	1	0	0	0	0.292	12	12.25	0
200	2000	288	2300	1	0	0	0	0.292	11	12.21	0
200	2000	288	2330	1	0	0	0	0.291	12	12.2	0
200	2000	288	2400	1	0	0	0	0.291	11	12.18	0
200	2000	289	30	1	0	0	0	0.292	12	12.18	0
200	2000	289	100	1	0	0	0	0.293	11	12.17	0
200	2000	289	130	1	0	0	0	0.292	11	12.17	0
200	2000	289	200	1	0	0	0	0.292	12	12.15	0
200	2000	289	230	1	0	0	0	0.291	11	12.15	0
200	2000	289	300	1	0	0	0	0.292	12	12.13	0
200	2000	289	330	1	0	0	0	0.292	11	12.14	0
200	2000	289	400	1	0	0	0	0.292	11	12.12	0
200	2000	289	430	1	0	0	0	0.292	11	12.12	0
200	2000	289	500	1	0	0	0	0.292	11	12.12	0
200	2000	289	530	1	0	0	0	0.293	11	12.11	0
200	2000	289	600	1	0	0	0	0.292	11	12.12	0
200	2000	289	630	1	0	0	0	0.293	12	12.06	0
200	2000	289	700	1	0	0	0	0.295	11	12.03	0
200	2000	289	730	1	0	0	0	0.294	12	12	0
200	2000	289	800	1	0	0	0	0.292	11	12.01	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	289	830	1	0	0	0	0.292	11	12.03	0
200	2000	289	900	1	0	0	0	0.291	12	12.04	0
200	2000	289	930	1	0	0	0	0.291	13	12.09	0
200	2000	289	1000	1	0	0	0	0.294	12	12.15	0
200	2000	289	1030	1	0	0	0	0.288	12	12.21	0
200	2000	289	1100	1	0	0	0	0.282	12	12.26	0
200	2000	289	1130	1	0	0	0	0.28	12	12.34	0
200	2000	289	1200	1	0	0	0	0.278	13	12.46	0
200	2000	289	1230	1	0	0	0	0.277	12	12.63	0
200	2000	289	1300	1	0	0	0	0.272	13	12.81	0
200	2000	289	1330	1	0	0	0	0.27	12	13	0
200	2000	289	1400	1	0	0	0	0.269	14	13.13	0
200	2000	289	1430	1	0	0	0	0.271	13	13.27	0
200	2000	289	1500	1	0	0	0	0.272	14	13.34	0
200	2000	289	1530	1	0	0	0	0.275	15	13.37	0
200	2000	289	1600	1	0	0	0	0.276	14	13.37	0
200	2000	289	1630	1	0	0	0	0.277	14	13.35	0
200	2000	289	1700	1	0	0	0	0.282	14	13.31	0
200	2000	289	1730	1	0	0	0	0.268	13	13.24	0
200	2000	289	1800	1	0	0	0	0.276	11	13.14	0
200	2000	289	1830	1	0	0	0	0.276	12	13.02	0
200	2000	289	1900	1	0	0	0	0.284	13	12.91	0
200	2000	289	1930	1	0	0	0	0.273	13	12.78	0
200	2000	289	2000	1	0	0	0	0.264	12	12.7	0
200	2000	289	2030	1	0	0	0	0.28	12	12.6	0
200	2000	289	2100	1	0	0	0	0.292	11	12.5	0
200	2000	289	2130	1	0	0	0	0.265	12	12.38	0
200	2000	289	2200	1	0	0	0	0.227	12	12.27	0
200	2000	289	2230	1	0	0	0	0.274	11	12.16	0
200	2000	289	2300	1	0	0	0	0.279	12	12.02	0
200	2000	289	2330	1	0	0	0	0.242	11	11.91	0
200	2000	289	2400	1	0	0	0	0.267	13	11.8	0
200	2000	290	30	1	0	0	0	0.292	12	11.66	0
200	2000	290	100	1	0	0	0	0.291	12	11.56	0
200	2000	290	130	1	0	0	0	0.291	12	11.46	0
200	2000	290	200	1	0	0	0	0.234	11	11.34	0
200	2000	290	230	1	0	0	0	0.226	11	11.24	0
200	2000	290	300	1	0	0	0	0.232	11	11.15	0
200	2000	290	330	1	0	0	0	0.216	11	11.05	0
200	2000	290	400	1	0	0	0	0.211	11	10.97	0
200	2000	290	430	1	0	0	0	0.246	11	10.84	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	290	500	1	0	0	0	0.253	11	10.76	0
200	2000	290	530	1	0	0	0	0.251	11	10.67	0
200	2000	290	600	1	0	0	0	0.251	11	10.59	0
200	2000	290	630	1	0	0	0	0.256	11	10.5	0
200	2000	290	700	1	0	0	0	0.254	12	10.42	0
200	2000	290	730	1	0	0	0	0.256	11	10.36	0
200	2000	290	800	1	0	0	0	0.252	11	10.31	0
200	2000	290	830	1	0	0	0	0.252	11	10.28	0
200	2000	290	900	1	0	0	0	0.249	10	10.28	0
200	2000	290	930	1	0	0	0	0.239	12	10.33	0
200	2000	290	1000	1	0	0	0	0.241	11	10.44	0
200	2000	290	1030	1	0	0	0	0.243	12	10.56	0
200	2000	290	1100	1	0	0	0	0.246	13	10.72	0
200	2000	290	1130	1	0	0	0	0.242	13	10.91	0
200	2000	290	1200	1	0	0	0	0.241	14	11.13	0
200	2000	290	1230	1	0	0	0	0.237	13	11.38	0
200	2000	290	1300	1	0	0	0	0.23	12	11.66	0
200	2000	290	1330	1	0	0	0	0.25	12	11.89	0
200	2000	290	1400	1	0	0	0	0.237	13	12.11	0
200	2000	290	1430	1	0	0	0	0.244	15	12.32	0
200	2000	290	1500	1	0	0	0	0.245	14	12.5	0
200	2000	290	1530	1	0	0	0	0.256	16	12.69	0
200	2000	290	1600	1	0	0	0	0.256	16	12.75	0
200	2000	290	1630	1	0	0	0	0.258	14	12.74	0
200	2000	290	1700	1	0	0	0	0.263	12	12.67	0
200	2000	290	1730	1	0	0	0	0.273	13	12.6	0
200	2000	290	1800	1	0	0	0	0.284	11	12.5	0
200	2000	290	1830	1	0	0	0	0.285	13	12.41	0
200	2000	290	1900	1	0	0	0	0.284	12	12.29	0
200	2000	290	1930	1	0	0	0	0.284	12	12.18	0
200	2000	290	2000	1	0	0	0	0.284	12	12.06	0
200	2000	290	2030	1	0	0	0	0.28	11	11.95	0
200	2000	290	2100	1	0	0	0	0.276	11	11.84	0
200	2000	290	2130	1	0	0	0	0.261	12	11.75	0
200	2000	290	2200	1	0	0	0	0.271	11	11.64	0
200	2000	290	2230	1	0	0	0	0.237	12	11.53	0
200	2000	290	2300	1	0	0	0	0.257	11	11.43	0
200	2000	290	2330	1	0	0	0	0.257	11	11.33	0
200	2000	290	2400	1	0	0	0	0.252	11	11.22	0
200	2000	291	30	1	0	0	0	0.26	11	11.13	0
200	2000	291	100	1	0	0	0	0.26	13	11.03	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	291	130	1	0	0	0	0.257	12	10.94	0
200	2000	291	200	1	0	0	0	0.261	11	10.85	0
200	2000	291	230	1	0	0	0	0.262	11	10.76	0
200	2000	291	300	1	0	0	0	0.266	11	10.68	0
200	2000	291	330	1	0	0	0	0.266	11	10.61	0
200	2000	291	400	1	0	0	0	0.265	11	10.52	0
200	2000	291	430	1	0	0	0	0.262	11	10.46	0
200	2000	291	500	1	0	0	0	0.264	11	10.37	0
200	2000	291	530	1	0	0	0	0.266	11	10.29	0
200	2000	291	600	1	0	0	0	0.267	11	10.21	0
200	2000	291	630	1	0	0	0	0.267	11	10.14	0
200	2000	291	700	1	0	0	0	0.264	11	10.08	0
200	2000	291	730	1	0	0	0	0.261	10	10.06	0
200	2000	291	800	1	0	0	0	0.271	11	10.06	0
200	2000	291	830	1	0	0	0	0.278	12	10.12	0
200	2000	291	900	1	0	0	0	0.278	11	10.18	0
200	2000	291	930	1	0	0	0	0.274	11	10.27	0
200	2000	291	1000	1	0	0	0	0.274	11	10.39	0
200	2000	291	1030	1	0	0	0	0.273	12	10.55	0
200	2000	291	1100	1	0	0	0	0.27	13	10.73	0
200	2000	291	1130	1	0	0	0	0.265	12	10.9	0
200	2000	291	1200	1	0	0	0	0.253	12	11.08	0
200	2000	291	1230	1	0	0	0	0.234	13	11.31	0
200	2000	291	1300	1	0	0	0	0.231	13	11.57	0
200	2000	291	1330	1	0	0	0	0.225	12	11.8	0
200	2000	291	1400	1	0	0	0	0.224	12	11.99	0
200	2000	291	1430	1	0	0	0	0.251	13	12.16	0
200	2000	291	1500	1	0	0	0	0.251	13	12.3	0
200	2000	291	1530	1	0	0	0	0.253	13	12.43	0
200	2000	291	1600	1	0	0	0	0.256	14	12.45	0
200	2000	291	1630	1	0	0	0	0.247	13	12.45	0
200	2000	291	1700	1	0	0	0	0.25	12	12.44	0
200	2000	291	1730	1	0	0	0	0.255	13	12.4	0
200	2000	291	1800	1	0	0	0	0.255	12	12.37	0
200	2000	291	1830	1	0	0	0	0.244	12	12.31	0
200	2000	291	1900	1	0	0	0	0.255	12	12.25	0
200	2000	291	1930	1	0	0	0	0.254	11	12.18	0
200	2000	291	2000	1	0	0	0	0.246	11	12.13	0
200	2000	291	2030	1	0	0	0	0.243	11	12.07	0
200	2000	291	2100	1	0	0	0	0.242	11	12.01	0
200	2000	291	2130	1	0	0	0	0.265	11	11.92	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	291	2200	1	0	0	0	0.269	11	11.86	0
200	2000	291	2230	1	0	0	0	0.272	11	11.79	0
200	2000	291	2300	1	0	0	0	0.272	11	11.7	0
200	2000	291	2330	1	0	0	0	0.271	12	11.61	0
200	2000	291	2400	1	0	0	0	0.271	12	11.51	0
200	2000	292	30	1	0	0	0	0.271	11	11.43	0
200	2000	292	100	1	0	0	0	0.272	13	11.36	0
200	2000	292	130	1	0	0	0	0.271	11	11.29	0
200	2000	292	200	1	0	0	0	0.272	11	11.23	0
200	2000	292	230	1	0	0	0	0.27	10	11.19	0
200	2000	292	300	1	0	0	0	0.272	11	11.1	0
200	2000	292	330	1	0	0	0	0.27	10	11.02	0
200	2000	292	400	1	0	0	0	0.273	11	10.96	0
200	2000	292	430	1	0	0	0	0.272	11	10.89	0
200	2000	292	500	1	0	0	0	0.273	11	10.84	0
200	2000	292	530	1	0	0	0	0.274	11	10.79	0
200	2000	292	600	1	0	0	0	0.273	11	10.72	0
200	2000	292	630	1	0	0	0	0.273	12	10.63	0
200	2000	292	700	1	0	0	0	0.274	10	10.56	0
200	2000	292	730	1	0	0	0	0.273	11	10.54	0
200	2000	292	800	1	0	0	0	0.272	11	10.53	0
200	2000	292	830	1	0	0	0	0.272	11	10.54	0
200	2000	292	900	1	0	0	0	0.27	12	10.58	0
200	2000	292	930	1	0	0	0	0.268	12	10.71	0
200	2000	292	1000	1	0	0	0	0.261	11	10.84	0
200	2000	292	1030	1	0	0	0	0.264	12	11	0
200	2000	292	1100	1	0	0	0	0.265	11	11.14	0
200	2000	292	1130	1	0	0	0	0.263	11	11.3	0
200	2000	292	1200	1	0	0	0	0.26	12	11.46	0
200	2000	292	1230	1	0	0	0	0.262	12	11.64	0
200	2000	292	1300	1	0	0	0	0.257	12	11.84	0
200	2000	292	1330	1	0	0	0	0.25	11	12.01	0
200	2000	292	1400	1	0	0	0	0.244	11	12.17	0
200	2000	292	1430	1	0	0	0	0.256	12	12.3	0
200	2000	292	1500	1	0	0	0	0.256	12	12.38	0
200	2000	292	1530	1	0	0	0	0.256	13	12.48	0
200	2000	292	1600	1	0	0	0	0.257	14	12.52	0
200	2000	292	1630	1	0	0	0	0.262	13	12.55	0
200	2000	292	1700	1	0	0	0	0.26	12	12.53	0
200	2000	292	1730	1	0	0	0	0.271	11	12.5	0
200	2000	292	1800	1	0	0	0	0.277	12	12.5	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	292	1830	1	0	0	0	0.272	13	12.49	0
200	2000	292	1900	1	0	0	0	0.27	12	12.44	0
200	2000	292	1930	1	0	0	0	0.275	12	12.4	0
200	2000	292	2000	1	0	0	0	0.276	12	12.35	0
200	2000	292	2030	1	0	0	0	0.273	12	12.32	0
200	2000	292	2100	1	0	0	0	0.274	13	12.28	0
200	2000	292	2130	1	0	0	0	0.273	11	12.27	0
200	2000	292	2200	1	0	0	0	0.273	11	12.26	0
200	2000	292	2230	1	0	0	0	0.272	12	12.26	0
200	2000	292	2300	1	0	0	0	0.273	11	12.25	0
200	2000	292	2330	1	0	0	0	0.272	12	12.24	0
200	2000	292	2400	1	0	0	0	0.274	11	12.24	0
200	2000	293	30	1	0	0	0	0.272	12	12.24	0
200	2000	293	100	1	0	0	0	0.271	12	12.25	0
200	2000	293	130	1	0	0	0	0.272	11	12.26	0
200	2000	293	200	1	0	0	0	0.273	11	12.28	0
200	2000	293	230	1	0	0	0	0.273	12	12.27	0
200	2000	293	300	1	0	0	0	0.272	12	12.28	0
200	2000	293	330	1	0	0	0	0.276	11	12.28	0
200	2000	293	400	1	0	0	0	0.274	11	12.29	0
200	2000	293	430	1	0	0	0	0.273	11	12.29	0
200	2000	293	500	1	0	0	0	0.273	11	12.28	0
200	2000	293	530	1	0	0	0	0.274	11	12.29	0
200	2000	293	600	1	0	0	0	0.273	10	12.3	0
200	2000	293	630	1	0	0	0	0.273	10	12.31	0
200	2000	293	700	1	0	0	0	0.273	11	12.31	0
200	2000	293	730	1	0	0	0	0.274	11	12.32	0
200	2000	293	800	1	0	0	0	0.273	11	12.33	0
200	2000	293	830	1	0	0	0	0.274	12	12.34	0
200	2000	293	900	1	0	0	0	0.271	11	12.38	0
200	2000	293	930	1	0	0	0	0.271	11	12.41	0
200	2000	293	1000	1	0	0	0	0.27	11	12.45	0
200	2000	293	1030	1	0	0	0	0.265	11	12.5	0
200	2000	293	1100	1	0	0	0	0.267	12	12.56	0
200	2000	293	1130	1	0	0	0	0.267	12	12.66	0
200	2000	293	1200	1	0	0	0	0.259	12	12.78	0
200	2000	293	1230	1	0	0	0	0.255	12	12.94	0
200	2000	293	1300	1	0	0	0	0.25	12	13.18	0
200	2000	293	1330	1	0	0	0	0.252	14	13.38	0
200	2000	293	1400	1	0	0	0	0.25	13	13.52	0
200	2000	293	1430	1	0	0	0	0.25	16	13.65	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	293	1500	1	0	0	0	0.244	15	13.79	0
200	2000	293	1530	1	0	0	0	0.244	14	13.9	0
200	2000	293	1600	1	0	0	0	0.243	13	13.98	0
200	2000	293	1630	1	0	0	0	0.236	12	13.98	0
200	2000	293	1700	1	0	0	0	0.239	12	13.86	0
200	2000	293	1730	1	0	0	0	0.24	12	13.75	0
200	2000	293	1800	1	0	0	0	0.24	11	13.62	0
200	2000	293	1830	1	0	0	0	0.234	12	13.46	0
200	2000	293	1900	1	0	0	0	0.214	1	13.32	0
200	2000	293	1930	1	0	0	0	0.261	0	13.19	0
200	2000	293	2000	1	0	0	0	0.271	2	13.06	0
200	2000	293	2030	1	0	0	0	0.278	1	12.91	0
200	2000	293	2100	1	0	0	0	0.279	3	12.78	0
200	2000	293	2130	1	0	0	0	0.28	2	12.66	0
200	2000	293	2200	1	0	0	0	0.286	2	12.52	0
200	2000	293	2230	1	0	0	0	0.284	2	12.41	0
200	2000	293	2300	1	0	0	0	0.278	2	12.31	0
200	2000	293	2330	1	0	0	0	0.278	2	12.19	0
200	2000	293	2400	1	0	0	0	0.272	3	12.12	0
200	2000	294	30	1	0	0	0	0.273	1	12.03	0
200	2000	294	100	1	0	0	0	0.273	1	11.95	0
200	2000	294	130	1	0	0	0	0.274	1	11.89	0
200	2000	294	200	1	0	0	0	0.278	2	11.82	0
200	2000	294	230	1	0	0	0	0.283	2	11.74	0
200	2000	294	300	1	0	0	0	0.286	2	11.69	0
200	2000	294	330	1	0	0	0	0.286	1	11.63	0
200	2000	294	400	1	0	0	0	0.283	2	11.6	0
200	2000	294	430	1	0	0	0	0.28	1	11.58	0
200	2000	294	500	1	0	0	0	0.275	2	11.58	0
200	2000	294	530	1	0	0	0	0.271	0	11.59	0
200	2000	294	600	1	0	0	0	0.271	0	11.59	0
200	2000	294	630	1	0	0	0	0.275	4	11.6	0.04
200	2000	294	700	1	0	0	0	0.272	2	11.66	0
200	2000	294	730	1	0	0	0	0.273	1	11.68	0
200	2000	294	800	1	0	0	0	0.281	3	11.73	0.01
200	2000	294	830	1	0	0	0	0.288	87	11.78	0.01
200	2000	294	900	1	0	0	0	0.297	0	11.84	0.05
200	2000	294	930	1	0	0	0	0.31	-6	11.89	0.04
200	2000	294	1000	1	0	0	0	0.325	-5	11.97	0.04
200	2000	294	1030	1	0	0	0	0.321	-5	12.04	0.01
200	2000	294	1100	1	0	0	0	0.323	-6	12.1	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	294	1130	1	0	0	0	0.327	-6	12.16	0
200	2000	294	1200	1	0	0	0	0.329	-6	12.25	0
200	2000	294	1230	1	0	0	0	0.321	-5	12.36	0
200	2000	294	1300	1	0	0	0	0.308	-2	12.48	0
200	2000	294	1330	1	0	0	0	0.308	-2	12.6	0
200	2000	294	1400	1	0	0	0	0.314	-1	12.76	0
200	2000	294	1430	1	0	0	0	0.319	0	12.86	0.03
200	2000	294	1500	1	0	0	0	0.326	-1	12.89	0
200	2000	294	1530	1	0	0	0	0.334	-1	12.94	0
200	2000	294	1600	1	0	0	0	0.339	0	12.97	0
200	2000	294	1630	1	0	0	0	0.346	-2	12.98	0
200	2000	294	1700	1	0	0	0	0.346	-2	12.97	0
200	2000	294	1730	1	0	0	0	0.348	-3	12.95	0
200	2000	294	1800	1	0	0	0	0.354	-4	12.93	0
200	2000	294	1830	1	0	0	0	0.361	-4	12.9	0
200	2000	294	1900	1	0	0	0	0.37	-5	12.88	0
200	2000	294	1930	1	0	0	0	0.368	-3	12.85	0
200	2000	294	2000	1	0	0	0	0.368	-5	12.82	0
200	2000	294	2030	1	0	0	0	0.368	-4	12.78	0
200	2000	294	2100	1	0	0	0	0.368	-4	12.71	0
200	2000	294	2130	1	0	0	0	0.368	-4	12.68	0
200	2000	294	2200	1	0	0	0	0.369	-3	12.63	0
200	2000	294	2230	1	0	0	0	0.367	-3	12.58	0
200	2000	294	2300	1	0	0	0	0.367	-3	12.5	0
200	2000	294	2330	1	0	0	0	0.363	0	12.45	0
200	2000	294	2400	1	0	0	0	0.366	-1	12.37	0
200	2000	295	30	1	0	0	0	0.369	-2	12.27	0
200	2000	295	100	1	0	0	0	0.37	-1	12.18	0
200	2000	295	130	1	0	0	0	0.374	-1	12.1	0
200	2000	295	200	1	0	0	0	0.374	-1	12.02	0
200	2000	295	230	1	0	0	0	0.374	7	11.94	0
200	2000	295	300	1	0	0	0	0.382	5	11.85	0
200	2000	295	330	1	0	1	0	0.401	6	11.79	0
200	2000	295	400	1	0	0	0	0.399	6	11.74	0
200	2000	295	430	1	0	0	0	0.399	4	11.66	0
200	2000	295	500	1	0	1	0	0.401	1	11.59	0
200	2000	295	530	1	0	1	0	0.406	0	11.51	0
200	2000	295	600	1	0	1	0	0.412	0	11.44	0
200	2000	295	630	1	0	1	0	0.413	1	11.33	0
200	2000	295	700	1	0	1	0	0.41	1	11.24	0
200	2000	295	730	1	0	1	0	0.408	-2	11.14	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	295	800	1	0	1	0	0.406	-1	11.06	0
200	2000	295	830	1	0	1	0	0.406	-2	10.98	0
200	2000	295	900	1	0	1	0	0.408	-2	10.92	0
200	2000	295	930	1	0	2	0	0.409	-4	10.87	0
200	2000	295	1000	1	0	2	0	0.402	-5	10.85	0
200	2000	295	1030	1	0	2	0	0.4	-5	10.86	0
200	2000	295	1100	1	0	0	0	0.398	-4	11.03	0
200	2000	295	1130	1	0	0	0	0.372	-4	11.19	0
200	2000	295	1200	1	0	0	0	0.373	-5	11.32	0
200	2000	295	1230	1	0	0	0	0.353	-6	11.43	0
200	2000	295	1300	1	0	0	0	0.38	-6	11.53	0
200	2000	295	1330	1	0	0	0	0.373	-7	11.64	0
200	2000	295	1400	1	0	0	0	0.333	-7	11.79	0
200	2000	295	1430	1	0	0	0	0.368	-7	11.94	0
200	2000	295	1500	1	0	0	0	0.359	-8	12.07	0
200	2000	295	1530	1	0	0	0	0.361	-7	12.1	0
200	2000	295	1600	1	0	0	0	0.348	-6	12.06	0
200	2000	295	1630	1	0	0	0	0.329	-8	12	0
200	2000	295	1700	1	0	0	0	0.382	-8	11.94	0
200	2000	295	1730	1	0	0	0	0.382	-7	11.9	0
200	2000	295	1800	1	0	0	0	0.361	-8	11.87	0
200	2000	295	1830	1	0	0	0	0.356	-7	11.82	0
200	2000	295	1900	1	0	0	0	0.334	-7	11.79	0
200	2000	295	1930	1	0	0	0	0.34	-9	11.72	0
200	2000	295	2000	1	0	0	0	0.342	-9	11.63	0
200	2000	295	2030	1	0	0	0	0.336	-9	11.53	0
200	2000	295	2100	1	0	0	0	0.356	-8	11.43	0
200	2000	295	2130	1	0	0	0	0.363	-9	11.3	0
200	2000	295	2200	1	0	0	0	0.364	-7	11.19	0
200	2000	295	2230	1	0	0	0	0.363	-8	11.07	0
200	2000	295	2300	1	0	0	0	0.362	-8	10.94	0
200	2000	295	2330	1	0	0	0	0.357	-8	10.83	0
200	2000	295	2400	1	0	0	0	0.357	-8	10.67	0
200	2000	296	30	1	0	0	0	0.361	-8	10.57	0
200	2000	296	100	1	0	0	0	0.357	-8	10.45	0
200	2000	296	130	1	0	0	0	0.355	-8	10.33	0
200	2000	296	200	1	0	0	0	0.356	-7	10.18	0
200	2000	296	230	1	0	0	0	0.357	-7	10.06	0
200	2000	296	300	1	0	0	0	0.355	-6	9.91	0
200	2000	296	330	1	0	0	0	0.357	-7	9.79	0
200	2000	296	400	1	0	0	0	0.355	-5	9.68	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	296	430	1	0	0	0	0.351	-6	9.54	0
200	2000	296	500	1	0	0	0	0.351	-5	9.43	0
200	2000	296	530	1	0	0	0	0.351	-5	9.32	0
200	2000	296	600	1	0	0	0	0.351	-8	9.17	0
200	2000	296	630	1	0	0	0	0.35	-7	9.09	0
200	2000	296	700	1	0	0	0	0.348	-7	8.95	0
200	2000	296	730	1	0	0	0	0.345	-8	8.85	0
200	2000	296	800	1	0	0	0	0.345	-8	8.76	0
200	2000	296	830	1	0	0	0	0.344	-8	8.68	0
200	2000	296	900	1	0	0	0	0.343	-6	8.65	0
200	2000	296	930	1	0	0	0	0.341	-4	8.61	0
200	2000	296	1000	1	0	0	0	0.338	-5	8.66	0
200	2000	296	1030	1	0	0	0	0.336	-4	8.73	0
200	2000	296	1100	1	0	0	0	0.333	-8	8.9	0
200	2000	296	1130	1	0	0	0	0.325	-4	9.15	0
200	2000	296	1200	1	0	0	0	0.317	-8	9.46	0
200	2000	296	1230	1	0	0	0	0.306	-6	9.75	0
200	2000	296	1300	1	0	0	0	0.297	-6	9.95	0
200	2000	296	1330	1	0	0	0	0.292	-6	10.17	0
200	2000	296	1400	1	0	0	0	0.272	-6	10.37	0
200	2000	296	1430	1	0	0	0	0.295	-7	10.55	0
200	2000	296	1500	1	0	0	0	0.275	-6	10.7	0
200	2000	296	1530	1	0	0	0	0.296	-8	10.79	0
200	2000	296	1600	1	0	0	0	0.295	-8	10.79	0
200	2000	296	1630	1	0	0	0	0.288	-7	10.76	0
200	2000	296	1700	1	0	0	0	0.237	-9	10.67	0
200	2000	296	1730	1	0	0	0	0.254	-9	10.59	0
200	2000	296	1800	1	0	0	0	0.27	-7	10.51	0
200	2000	296	1830	1	0	0	0	0.302	-9	10.42	0
200	2000	296	1900	1	0	0	0	0.308	-9	10.34	0
200	2000	296	1930	1	0	0	0	0.311	-9	10.27	0
200	2000	296	2000	1	0	0	0	0.32	-9	10.19	0
200	2000	296	2030	1	0	0	0	0.318	-10	10.11	0
200	2000	296	2100	1	0	0	0	0.322	-8	10.05	0
200	2000	296	2130	1	0	0	0	0.323	-9	9.98	0
200	2000	296	2200	1	0	0	0	0.323	-8	9.89	0
200	2000	296	2230	1	0	0	0	0.323	-9	9.81	0
200	2000	296	2300	1	0	0	0	0.323	-9	9.72	0
200	2000	296	2330	1	0	0	0	0.323	-9	9.64	0
200	2000	296	2400	1	0	0	0	0.323	-9	9.55	0
200	2000	297	30	1	0	0	0	0.324	-9	9.48	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	297	100	1	0	0	0	0.323	-10	9.37	0
200	2000	297	130	1	0	0	0	0.323	-9	9.3	0
200	2000	297	200	1	0	0	0	0.323	-10	9.2	0
200	2000	297	230	1	0	0	0	0.322	-9	9.09	0
200	2000	297	300	1	0	0	0	0.323	-9	9.02	0
200	2000	297	330	1	0	0	0	0.323	-9	8.91	0
200	2000	297	400	1	0	0	0	0.322	-9	8.8	0
200	2000	297	430	1	0	0	0	0.321	-9	8.71	0
200	2000	297	500	1	0	0	0	0.323	-9	8.61	0
200	2000	297	530	1	0	0	0	0.321	-10	8.51	0
200	2000	297	600	1	0	0	0	0.321	-10	8.43	0
200	2000	297	630	1	0	0	0	0.323	-9	8.32	0
200	2000	297	700	1	0	0	0	0.323	-9	8.24	0
200	2000	297	730	1	0	0	0	0.32	-10	8.16	0
200	2000	297	800	1	0	0	0	0.319	-9	8.11	0
200	2000	297	830	1	0	0	0	0.318	-9	8.05	0
200	2000	297	900	1	0	0	0	0.317	-10	8.03	0
200	2000	297	930	1	0	0	0	0.317	-9	8.05	0
200	2000	297	1000	1	0	0	0	0.313	-9	8.11	0
200	2000	297	1030	1	0	0	0	0.311	-10	8.18	0
200	2000	297	1100	1	0	0	0	0.309	-9	8.34	0
200	2000	297	1130	1	0	0	0	0.303	-9	8.59	0
200	2000	297	1200	1	0	0	0	0.295	-9	8.96	0
200	2000	297	1230	1	0	0	0	0.289	-8	9.32	0
200	2000	297	1300	1	0	0	0	0.284	-9	9.6	0
200	2000	297	1330	1	0	0	0	0.237	-9	9.88	0
200	2000	297	1400	1	0	0	0	0.277	-9	10.13	0
200	2000	297	1430	1	0	0	0	0.277	-8	10.27	0
200	2000	297	1500	1	0	0	0	0.256	-8	10.41	0
200	2000	297	1530	1	0	0	0	0.242	-8	10.51	0
200	2000	297	1600	1	0	0	0	0.265	-7	10.5	0
200	2000	297	1630	1	0	0	0	0.246	-8	10.43	0
200	2000	297	1700	1	0	0	0	0.292	-8	10.31	0
200	2000	297	1730	1	0	0	0	0.284	-8	10.21	0
200	2000	297	1800	1	0	0	0	0.3	-9	10.11	0
200	2000	297	1830	1	0	0	0	0.287	-9	10.03	0
200	2000	297	1900	1	0	0	0	0.287	-9	9.92	0
200	2000	297	1930	1	0	0	0	0.286	-9	9.85	0
200	2000	297	2000	1	0	0	0	0.286	-9	9.73	0
200	2000	297	2030	1	0	0	0	0.286	-9	9.67	0
200	2000	297	2100	1	0	0	0	0.286	-9	9.58	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	297	2130	1	0	0	0	0.285	-9	9.49	0
200	2000	297	2200	1	0	0	0	0.286	-10	9.42	0
200	2000	297	2230	1	0	0	0	0.29	-9	9.32	0
200	2000	297	2300	1	0	0	0	0.286	-9	9.23	0
200	2000	297	2330	1	0	0	0	0.289	-9	9.14	0
200	2000	297	2400	1	0	0	0	0.286	-9	9.05	0
200	2000	298	30	1	0	0	0	0.286	-9	8.97	0
200	2000	298	100	1	0	0	0	0.286	-10	8.88	0
200	2000	298	130	1	0	0	0	0.287	-9	8.82	0
200	2000	298	200	1	0	0	0	0.286	-9	8.74	0
200	2000	298	230	1	0	0	0	0.286	-10	8.67	0
200	2000	298	300	1	0	0	0	0.286	-9	8.63	0
200	2000	298	330	1	0	0	0	0.285	-9	8.56	0
200	2000	298	400	1	0	0	0	0.283	-9	8.5	0
200	2000	298	430	1	0	0	0	0.284	-9	8.43	0
200	2000	298	500	1	0	0	0	0.286	-9	8.37	0
200	2000	298	530	1	0	0	0	0.285	-9	8.33	0
200	2000	298	600	1	0	0	0	0.282	-9	8.25	0
200	2000	298	630	1	0	0	0	0.281	-8	8.2	0
200	2000	298	700	1	0	0	0	0.283	-9	8.15	0
200	2000	298	730	1	0	0	0	0.286	-9	8.09	0
200	2000	298	800	1	0	0	0	0.28	-9	8.05	0
200	2000	298	830	1	0	0	0	0.281	-9	8.01	0
200	2000	298	900	1	0	0	0	0.28	-9	8.02	0
200	2000	298	930	1	0	0	0	0.28	-9	8.07	0
200	2000	298	1000	1	0	0	0	0.28	-9	8.1	0
200	2000	298	1030	1	0	0	0	0.279	-4	8.21	0
200	2000	298	1100	1	0	0	0	0.275	-8	8.39	0
200	2000	298	1130	1	0	0	0	0.263	-9	8.68	0
200	2000	298	1200	1	0	0	0	0.253	-9	9.17	0
200	2000	298	1230	1	0	0	0	0.257	-7	9.65	0
200	2000	298	1300	1	0	0	0	0.252	-8	9.97	0
200	2000	298	1330	1	0	0	0	0.252	-9	10.2	0
200	2000	298	1400	1	0	0	0	0.251	-9	10.33	0
200	2000	298	1430	1	0	0	0	0.253	-8	10.42	0
200	2000	298	1500	1	0	0	0	0.25	-6	10.55	0
200	2000	298	1530	1	0	0	0	0.246	-6	10.68	0
200	2000	298	1600	1	0	0	0	0.244	-8	10.71	0
200	2000	298	1630	1	0	0	0	0.25	-8	10.69	0
200	2000	298	1700	1	0	0	0	0.251	0	10.66	0
200	2000	298	1730	1	0	0	0	0.252	-9	10.63	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	298	1800	1	0	0	0	0.254	-6	10.59	0
200	2000	298	1830	1	0	0	0	0.256	-6	10.56	0
200	2000	298	1900	1	0	0	0	0.258	-5	10.56	0
200	2000	298	1930	1	0	0	0	0.257	-7	10.53	0
200	2000	298	2000	1	0	0	0	0.26	-8	10.49	0
200	2000	298	2030	1	0	0	0	0.267	-7	10.47	0
200	2000	298	2100	1	0	0	0	0.268	-7	10.42	0
200	2000	298	2130	1	0	0	0	0.272	-8	10.4	0
200	2000	298	2200	1	0	0	0	0.272	-7	10.39	0
200	2000	298	2230	1	0	0	0	0.276	-8	10.37	0
200	2000	298	2300	1	0	0	0	0.274	-7	10.35	0
200	2000	298	2330	1	0	0	0	0.279	-8	10.33	0
200	2000	298	2400	1	0	0	0	0.278	-8	10.31	0
200	2000	299	30	1	0	0	0	0.277	-8	10.31	0
200	2000	299	100	1	0	0	0	0.265	-8	10.31	0
200	2000	299	130	1	0	0	0	0.272	-8	10.33	0
200	2000	299	200	1	0	0	0	0.271	-7	10.35	0
200	2000	299	230	1	0	0	0	0.273	-8	10.35	0
200	2000	299	300	1	0	0	0	0.277	-9	10.37	0
200	2000	299	330	1	0	0	0	0.273	-7	10.39	0
200	2000	299	400	1	0	0	0	0.272	-8	10.41	0
200	2000	299	430	1	0	0	0	0.272	-9	10.44	0
200	2000	299	500	1	0	0	0	0.269	-8	10.47	0
200	2000	299	530	1	0	0	0	0.266	-8	10.49	0
200	2000	299	600	1	0	0	0	0.262	-6	10.49	0
200	2000	299	630	1	0	0	0	0.27	-7	10.51	0
200	2000	299	700	1	0	0	0	0.265	-9	10.52	0
200	2000	299	730	1	0	0	0	0.266	-8	10.53	0
200	2000	299	800	1	0	0	0	0.266	-9	10.53	0
200	2000	299	830	1	0	0	0	0.26	-8	10.55	0
200	2000	299	900	1	0	0	0	0.259	-8	10.59	0
200	2000	299	930	1	0	0	0	0.252	-8	10.69	0
200	2000	299	1000	1	0	0	0	0.258	-8	10.88	0
200	2000	299	1030	1	0	0	0	0.245	-9	11.11	0
200	2000	299	1100	1	0	0	0	0.234	-9	11.35	0
200	2000	299	1130	1	0	0	0	0.219	-9	11.6	0
200	2000	299	1200	1	0	0	0	0.217	-7	11.86	0
200	2000	299	1230	1	0	0	0	0.211	-8	12.05	0
200	2000	299	1300	1	0	0	0	0.215	-6	12.11	0
200	2000	299	1330	1	0	0	0	0.213	-6	12.11	0
200	2000	299	1400	1	0	0	0	0.218	-4	12.07	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	299	1430	1	0	0	0	0.244	-4	11.99	0.06
200	2000	299	1500	1	0	0	0	0.254	-5	11.99	0.02
200	2000	299	1530	1	0	0	0	0.252	2	12	0.02
200	2000	299	1600	1	1	0	3	0.251	-3	12	0
200	2000	299	1630	1	0	0	0	0.251	3	11.98	0
200	2000	299	1700	1	0	0	0	0.251	0	11.95	0
200	2000	299	1730	1	0	0	0	0.248	0	11.92	0.01
200	2000	299	1800	1	0	0	0	0.249	0	11.87	0
200	2000	299	1830	1	0	0	0	0.252	0	11.83	0
200	2000	299	1900	1	0	0	0	0.252	0	11.8	0
200	2000	299	1930	1	0	0	0	0.254	-1	11.75	0
200	2000	299	2000	1	0	0	0	0.254	-1	11.72	0
200	2000	299	2030	1	0	0	0	0.255	0	11.69	0
200	2000	299	2100	1	0	0	0	0.255	-1	11.64	0
200	2000	299	2130	1	0	0	0	0.255	-1	11.6	0
200	2000	299	2200	1	0	0	0	0.255	-2	11.58	0
200	2000	299	2230	1	0	0	0	0.256	0	11.54	0
200	2000	299	2300	1	0	0	0	0.259	-1	11.5	0
200	2000	299	2330	1	0	0	0	0.26	-2	11.43	0
200	2000	299	2400	1	0	0	0	0.261	-2	11.42	0
200	2000	300	30	1	0	0	0	0.261	-2	11.36	0
200	2000	300	100	1	0	0	0	0.264	-1	11.32	0
200	2000	300	130	1	0	0	0	0.267	-2	11.27	0
200	2000	300	200	1	0	0	0	0.268	-1	11.23	0
200	2000	300	230	1	0	0	0	0.272	-1	11.2	0
200	2000	300	300	1	0	0	0	0.273	-1	11.16	0
200	2000	300	330	1	0	0	0	0.278	0	11.14	0
200	2000	300	400	1	0	0	0	0.278	-2	11.13	0
200	2000	300	430	1	0	0	0	0.279	-1	11.1	0
200	2000	300	500	1	0	0	0	0.28	-1	11.09	0
200	2000	300	530	1	0	0	0	0.283	-1	11.07	0
200	2000	300	600	1	0	0	0	0.285	-1	11.03	0
200	2000	300	630	1	0	0	0	0.285	-1	11	0
200	2000	300	700	1	0	0	0	0.291	-1	10.97	0
200	2000	300	730	1	0	0	0	0.293	-1	10.96	0
200	2000	300	800	1	0	0	0	0.297	-1	10.93	0
200	2000	300	830	1	0	0	0	0.295	-1	10.95	0
200	2000	300	900	1	0	0	0	0.293	-1	10.96	0
200	2000	300	930	1	0	0	0	0.291	-2	10.97	0
200	2000	300	1000	1	0	0	0	0.286	0	11.02	0
200	2000	300	1030	1	0	0	0	0.284	-1	11.09	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	300	1100	1	0	0	0	0.279	-1	11.2	0
200	2000	300	1130	1	0	0	0	0.272	-1	11.41	0
200	2000	300	1200	1	0	0	0	0.265	-1	11.62	0
200	2000	300	1230	1	0	0	0	0.259	-2	11.85	0
200	2000	300	1300	1	0	0	0	0.231	-1	12.03	0
200	2000	300	1330	1	0	0	0	0.258	-1	12.16	0
200	2000	300	1400	1	0	0	0	0.256	-1	12.24	0
200	2000	300	1430	1	0	0	0	0.258	-1	12.32	0
200	2000	300	1500	1	0	0	0	0.259	1	12.39	0
200	2000	300	1530	1	0	0	0	0.218	-1	12.4	0
200	2000	300	1600	1	0	0	0	0.213	0	12.35	0
200	2000	300	1630	1	0	0	0	0.249	0	12.25	0
200	2000	300	1700	1	0	0	0	0.252	0	12.14	0
200	2000	300	1730	1	0	0	0	0.255	-1	12.08	0
200	2000	300	1800	1	0	0	0	0.258	-1	12.01	0
200	2000	300	1830	1	0	0	0	0.258	-1	11.99	0
200	2000	300	1900	1	0	0	0	0.259	-1	11.92	0
200	2000	300	1930	1	0	0	0	0.26	-1	11.9	0
200	2000	300	2000	1	0	0	0	0.265	0	11.84	0
200	2000	300	2030	1	0	0	0	0.271	-2	11.77	0
200	2000	300	2100	1	0	0	0	0.273	-1	11.73	0
200	2000	300	2130	1	0	0	0	0.278	-1	11.68	0
200	2000	300	2200	1	0	0	0	0.281	0	11.65	0
200	2000	300	2230	1	0	0	0	0.285	-1	11.62	0
200	2000	300	2300	1	0	0	0	0.284	-1	11.59	0
200	2000	300	2330	1	0	0	0	0.284	-1	11.59	0
200	2000	300	2400	1	0	0	0	0.283	-1	11.56	0
200	2000	301	30	1	0	0	0	0.282	-1	11.54	0
200	2000	301	100	1	0	0	0	0.282	-1	11.52	0
200	2000	301	130	1	0	0	0	0.285	0	11.51	0
200	2000	301	200	1	0	0	0	0.286	0	11.48	0
200	2000	301	230	1	0	0	0	0.289	-1	11.46	0
200	2000	301	300	1	0	0	0	0.286	0	11.45	0
200	2000	301	330	1	0	0	0	0.287	0	11.42	0
200	2000	301	400	1	0	0	0	0.291	0	11.39	0
200	2000	301	430	1	0	0	0	0.292	0	11.35	0
200	2000	301	500	1	0	0	0	0.295	0	11.31	0
200	2000	301	530	1	0	0	0	0.293	0	11.28	0
200	2000	301	600	1	0	0	0	0.295	0	11.26	0
200	2000	301	630	1	0	0	0	0.295	0	11.24	0
200	2000	301	700	1	0	0	0	0.297	0	11.22	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	301	730	1	0	0	0	0.297	0	11.22	0
200	2000	301	800	1	0	0	0	0.296	0	11.21	0
200	2000	301	830	1	0	0	0	0.293	0	11.22	0
200	2000	301	900	1	0	0	0	0.292	0	11.25	0
200	2000	301	930	1	0	0	0	0.292	0	11.3	0
200	2000	301	1000	1	0	0	0	0.288	0	11.34	0
200	2000	301	1030	1	0	0	0	0.284	0	11.45	0
200	2000	301	1100	1	0	0	0	0.272	0	11.65	0
200	2000	301	1130	1	0	0	0	0.264	0	11.95	0
200	2000	301	1200	1	0	0	0	0.256	0	12.21	0
200	2000	301	1230	1	0	0	0	0.255	0	12.43	0
200	2000	301	1300	1	0	0	0	0.256	0	12.5	0
200	2000	301	1330	1	0	0	0	0.251	0	12.51	0
200	2000	301	1400	1	0	0	0	0.238	0	12.49	0
200	2000	301	1430	1	0	0	0	0.26	0	12.43	0
200	2000	301	1500	1	0	0	0	0.258	0	12.38	0
200	2000	301	1530	1	0	0	0	0.258	10	12.34	0
200	2000	301	1600	1	0	0	0	0.258	9	12.33	0
200	2000	301	1630	1	0	0	0	0.258	8	12.29	0
200	2000	301	1700	1	0	0	0	0.249	8	12.27	0
200	2000	301	1730	1	0	0	0	0.224	7	12.24	0.01
200	2000	301	1800	1	0	0	0	0.222	8	12.2	0
200	2000	301	1830	1	0	0	0	0.225	7	12.16	0
200	2000	301	1900	1	0	0	0	0.225	7	12.13	0
200	2000	301	1930	1	0	0	0	0.225	7	12.09	0
200	2000	301	2000	1	0	0	0	0.225	7	12.05	0
200	2000	301	2030	1	0	0	0	0.223	7	12.02	0
200	2000	301	2100	1	0	0	0	0.224	7	12	0
200	2000	301	2130	1	0	0	0	0.223	8	11.97	0
200	2000	301	2200	1	0	0	0	0.223	7	11.95	0
200	2000	301	2230	1	0	0	0	0.225	8	11.93	0
200	2000	301	2300	1	0	0	0	0.222	6	11.91	0
200	2000	301	2330	1	0	0	0	0.222	6	11.87	0
200	2000	301	2400	1	0	0	0	0.222	6	11.84	0
200	2000	302	30	1	0	0	0	0.216	8	11.82	0
200	2000	302	100	1	0	0	0	0.221	7	11.8	0
200	2000	302	130	1	0	0	0	0.222	7	11.8	0
200	2000	302	200	1	0	0	0	0.222	8	11.8	0
200	2000	302	230	1	0	0	0	0.222	8	11.8	0
200	2000	302	300	1	0	0	0	0.227	9	11.81	0.02
200	2000	302	330	1	0	0	0	0.234	9	11.83	0.06

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	302	400	1	0	0	0	0.251	9	11.85	0.08
200	2000	302	430	1	0	0	0	0.261	11	11.85	0.06
200	2000	302	500	1	0	0	0	0.273	12	11.83	0.05
200	2000	302	530	1	0	0	0	0.288	12	11.81	0.03
200	2000	302	600	1	0	0	0	0.3	12	11.79	0.01
200	2000	302	630	1	0	0	0	0.305	12	11.79	0.01
200	2000	302	700	1	0	0	0	0.305	12	11.77	0.01
200	2000	302	730	1	0	0	0	0.309	15	11.74	0
200	2000	302	800	1	0	0	0	0.316	17	11.72	0
200	2000	302	830	1	0	0	0	0.323	20	11.66	0
200	2000	302	900	1	0	0	0	0.349	23	11.63	0
200	2000	302	930	1	0	0	0	0.362	21	11.67	0
200	2000	302	1000	1	0	0	0	0.367	20	11.74	0
200	2000	302	1030	1	0	0	0	0.366	15	11.79	0
200	2000	302	1100	1	0	0	0	0.361	16	11.9	0
200	2000	302	1130	1	0	0	0	0.344	15	12.03	0
200	2000	302	1200	1	0	0	0	0.353	14	12.12	0
200	2000	302	1230	1	0	0	0	0.335	14	12.18	0
200	2000	302	1300	1	0	0	0	0.335	14	12.19	0
200	2000	302	1330	1	0	0	0	0.342	14	12.35	0
200	2000	302	1400	1	0	0	0	0.385	15	12.39	0
200	2000	302	1430	1	0	0	0	0.385	14	12.41	0
200	2000	302	1500	1	0	1	0	0.401	14	12.46	0
200	2000	302	1530	1	0	1	0	0.458	15	12.48	0
200	2000	302	1600	1	0	1	0	0.478	4	12.54	0
200	2000	302	1630	1	0	1	0	0.479	5	12.6	0
200	2000	302	1700	1	0	2	0	0.5	4	12.55	0.07
200	2000	302	1730	1	0	2	0	0.533	4	12.45	0
200	2000	302	1800	1	0	2	0	0.515	4	12.3	0
200	2000	302	1830	1	0	2	0	0.498	3	12.17	0
200	2000	302	1900	1	0	2	0	0.499	3	12.03	0.01
200	2000	302	1930	1	0	2	0	0.503	3	11.92	0
200	2000	302	2000	1	0	2	0	0.5	4	11.85	0
200	2000	302	2030	1	0	2	0	0.503	3	11.78	0
200	2000	302	2100	1	0	2	0	0.499	3	11.71	0
200	2000	302	2130	1	0	2	0	0.496	3	11.63	0
200	2000	302	2200	1	0	2	0	0.493	3	11.54	0
200	2000	302	2230	1	0	2	0	0.483	3	11.47	0
200	2000	302	2300	1	0	2	0	0.475	3	11.39	0
200	2000	302	2330	1	0	2	0	0.453	3	11.32	0.01
200	2000	302	2400	1	0	2	0	0.463	3	11.27	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	303	30	1	0	2	0	0.464	3	11.2	0
200	2000	303	100	1	0	2	0	0.464	3	11.15	0.02
200	2000	303	130	1	0	2	0	0.463	3	11.1	0.01
200	2000	303	200	1	0	2	0	0.463	5	11.07	0.01
200	2000	303	230	1	0	2	0	0.459	3	11.04	0
200	2000	303	300	1	0	2	0	0.452	3	11	0
200	2000	303	330	1	0	2	0	0.45	3	10.98	0
200	2000	303	400	1	0	2	0	0.448	3	10.94	0
200	2000	303	430	1	0	2	0	0.444	3	10.9	0
200	2000	303	500	1	0	2	0	0.44	3	10.87	0
200	2000	303	530	1	0	2	0	0.439	3	10.84	0.01
200	2000	303	600	1	0	2	0	0.436	3	10.82	0
200	2000	303	630	1	0	2	0	0.434	3	10.76	0
200	2000	303	700	1	0	2	0	0.433	3	10.72	0
200	2000	303	730	1	0	2	0	0.431	3	10.69	0.01
200	2000	303	800	1	0	2	0	0.429	4	10.68	0
200	2000	303	830	1	0	2	0	0.426	2	10.66	0
200	2000	303	900	1	0	2	0	0.423	3	10.69	0
200	2000	303	930	1	0	2	0	0.42	3	10.72	0
200	2000	303	1000	1	0	2	0	0.42	2	10.8	0
200	2000	303	1030	1	0	2	0	0.415	3	10.88	0
200	2000	303	1100	1	0	2	0	0.414	2	10.96	0
200	2000	303	1130	1	0	2	0	0.43	3	11.08	0
200	2000	303	1200	1	0	2	0	0.415	3	11.21	0
200	2000	303	1230	1	0	2	0	0.41	3	11.26	0
200	2000	303	1300	1	0	2	0	0.408	3	11.31	0
200	2000	303	1330	1	0	2	0	0.407	3	11.37	0
200	2000	303	1400	1	0	2	0	0.407	3	11.44	0
200	2000	303	1430	1	0	2	0	0.414	3	11.49	0.01
200	2000	303	1500	1	0	2	0	0.416	3	11.52	0.02
200	2000	303	1530	1	0	2	0	0.413	4	11.54	0.01
200	2000	303	1600	1	0	2	0	0.41	3	11.55	0.02
200	2000	303	1630	1	0	2	0	0.411	3	11.56	0
200	2000	303	1700	1	0	2	0	0.411	3	11.57	0
200	2000	303	1730	1	0	2	0	0.409	4	11.53	0
200	2000	303	1800	1	0	2	0	0.409	3	11.5	0
200	2000	303	1830	1	0	2	0	0.413	3	11.45	0
200	2000	303	1900	1	0	2	0	0.415	3	11.4	0.02
200	2000	303	1930	1	0	2	0	0.418	3	11.35	0
200	2000	303	2000	1	0	2	0	0.431	4	11.29	0.07
200	2000	303	2030	1	0	2	0	0.439	5	11.24	0.03

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	303	2100	1	0	2	0	0.447	5	11.2	0.03
200	2000	303	2130	1	0	2	0	0.453	5	11.14	0.01
200	2000	303	2200	1	0	2	0	0.452	5	11.12	0
200	2000	303	2230	1	0	2	0	0.456	5	11.08	0.01
200	2000	303	2300	1	0	2	0	0.457	6	11.04	0
200	2000	303	2330	1	0	2	0	0.461	6	11.01	0.03
200	2000	303	2400	1	0	2	0	0.462	6	10.98	0
200	2000	304	30	1	0	2	0	0.466	6	10.96	0
200	2000	304	100	1	0	2	0	0.469	5	10.95	0
200	2000	304	130	1	0	2	0	0.474	5	10.93	0.02
200	2000	304	200	1	0	2	0	0.476	4	10.9	0
200	2000	304	230	1	0	2	0	0.481	5	10.88	0
200	2000	304	300	1	0	2	0	0.484	6	10.87	0.01
200	2000	304	330	1	0	2	0	0.489	3	10.84	0
200	2000	304	400	1	0	2	0	0.494	5	10.81	0
200	2000	304	430	1	0	2	0	0.497	4	10.8	0
200	2000	304	500	1	0	2	0	0.504	3	10.78	0
200	2000	304	530	1	0	2	0	0.507	4	10.77	0
200	2000	304	600	1	0	2	0	0.511	5	10.73	0
200	2000	304	630	1	0	2	0	0.515	4	10.71	0
200	2000	304	700	1	0	2	0	0.536	4	10.67	0
200	2000	304	730	1	0	2	0	0.564	5	10.63	0
200	2000	304	800	1	0	2	0	0.58	5	10.58	0
200	2000	304	830	1	0	2	0	0.596	4	10.54	0
200	2000	304	900	1	0	2	0	0.598	6	10.51	0
200	2000	304	930	1	0	2	0	0.596	6	10.53	0
200	2000	304	1000	1	0	2	0	0.595	6	10.6	0
200	2000	304	1030	1	0	2	0	0.591	5	10.7	0
200	2000	304	1100	1	0	2	0	0.586	6	10.81	0
200	2000	304	1130	1	0	2	0	0.582	6	10.92	0
200	2000	304	1200	1	2	1	1	0.577	7	11.05	0
200	2000	304	1230	1	0	1	0	0.573	7	11.23	0
200	2000	304	1300	1	0	1	0	0.552	6	11.42	0
200	2000	304	1330	1	0	1	0	0.567	7	11.6	0
200	2000	304	1400	1	0	1	0	0.524	6	11.69	0
200	2000	304	1430	1	0	1	0	0.569	9	11.74	0
200	2000	304	1500	1	0	1	0	0.552	8	11.77	0
200	2000	304	1530	1	0	1	0	0.557	7	11.77	0
200	2000	304	1600	1	0	1	0	0.538	7	11.73	0
200	2000	304	1630	1	0	1	0	0.556	7	11.66	0
200	2000	304	1700	1	0	1	0	0.55	7	11.58	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	304	1730	1	0	1	0	0.532	7	11.47	0
200	2000	304	1800	1	0	1	0	0.545	7	11.36	0
200	2000	304	1830	1	0	1	0	0.523	9	11.25	0
200	2000	304	1900	1	0	1	0	0.518	8	11.13	0
200	2000	304	1930	1	0	1	0	0.514	7	10.99	0
200	2000	304	2000	1	0	1	0	0.507	7	10.88	0
200	2000	304	2030	1	0	1	0	0.501	7	10.77	0
200	2000	304	2100	1	0	1	0	0.497	7	10.68	0
200	2000	304	2130	1	0	1	0	0.493	8	10.61	0
200	2000	304	2200	1	0	1	0	0.507	8	10.52	0
200	2000	304	2230	1	0	1	0	0.503	6	10.48	0
200	2000	304	2300	1	0	1	0	0.501	8	10.44	0
200	2000	304	2330	1	0	1	0	0.499	6	10.41	0
200	2000	304	2400	1	0	1	0	0.496	8	10.36	0
200	2000	305	30	1	0	1	0	0.494	7	10.33	0
200	2000	305	100	1	0	1	0	0.487	8	10.33	0
200	2000	305	130	1	0	1	0	0.484	6	10.31	0
200	2000	305	200	1	0	1	0	0.482	6	10.29	0
200	2000	305	230	1	0	1	0	0.477	6	10.29	0
200	2000	305	300	1	0	1	0	0.476	7	10.3	0
200	2000	305	330	1	0	1	0	0.47	6	10.27	0
200	2000	305	400	1	0	1	0	0.47	7	10.29	0
200	2000	305	430	1	0	1	0	0.466	6	10.29	0
200	2000	305	500	1	0	1	0	0.463	7	10.27	0
200	2000	305	530	1	0	1	0	0.462	7	10.28	0
200	2000	305	600	1	0	1	0	0.457	5	10.27	0
200	2000	305	630	1	0	1	0	0.456	5	10.28	0
200	2000	305	700	1	0	1	0	0.453	6	10.27	0
200	2000	305	730	1	0	1	0	0.446	5	10.28	0
200	2000	305	800	1	0	1	0	0.447	6	10.29	0
200	2000	305	830	1	0	1	0	0.443	6	10.32	0
200	2000	305	900	1	0	1	0	0.436	5	10.35	0
200	2000	305	930	1	0	1	0	0.418	5	10.4	0
200	2000	305	1000	1	0	1	0	0.417	5	10.46	0
200	2000	305	1030	1	0	1	0	0.413	5	10.56	0
200	2000	305	1100	1	0	1	0	0.411	5	10.67	0
200	2000	305	1130	1	0	1	0	0.409	5	10.82	0
200	2000	305	1200	1	0	0	0	0.4	5	10.95	0
200	2000	305	1230	1	0	0	0	0.392	6	11.08	0
200	2000	305	1300	1	0	1	0	0.416	6	11.18	0
200	2000	305	1330	1	0	1	0	0.406	6	11.3	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	305	1400	1	0	0	0	0.387	6	11.46	0
200	2000	305	1430	1	0	1	0	0.404	7	11.56	0
200	2000	305	1500	1	0	1	0	0.403	7	11.58	0
200	2000	305	1530	1	0	0	0	0.39	14	11.58	0
200	2000	305	1600	1	0	1	0	0.406	5	11.6	0
200	2000	305	1630	1	0	1	0	0.408	6	11.63	0
200	2000	305	1700	1	0	0	0	0.386	5	11.65	0
200	2000	305	1730	1	0	1	0	0.407	4	11.61	0
200	2000	305	1800	1	0	1	0	0.404	4	11.55	0
200	2000	305	1830	1	0	0	0	0.385	5	11.45	0
200	2000	305	1900	1	0	1	0	0.403	4	11.36	0
200	2000	305	1930	1	0	1	0	0.403	5	11.26	0
200	2000	305	2000	1	0	1	0	0.4	4	11.16	0
200	2000	305	2030	1	0	0	0	0.399	5	11.04	0
200	2000	305	2100	1	0	0	0	0.394	4	10.91	0
200	2000	305	2130	1	0	0	0	0.369	4	10.8	0
200	2000	305	2200	1	0	0	0	0.367	3	10.66	0
200	2000	305	2230	1	0	0	0	0.365	4	10.54	0
200	2000	305	2300	1	0	0	0	0.363	3	10.41	0
200	2000	305	2330	1	0	0	0	0.363	4	10.32	0
200	2000	305	2400	1	0	0	0	0.363	4	10.19	0
200	2000	306	30	1	0	0	0	0.363	5	10.1	0
200	2000	306	100	1	0	0	0	0.36	3	10.03	0
200	2000	306	130	1	0	0	0	0.361	3	9.97	0
200	2000	306	200	1	0	0	0	0.357	4	9.93	0
200	2000	306	230	1	0	0	0	0.357	5	9.88	0
200	2000	306	300	1	0	0	0	0.357	4	9.86	0
200	2000	306	330	1	0	0	0	0.355	4	9.83	0
200	2000	306	400	1	0	0	0	0.355	5	9.83	0
200	2000	306	430	1	0	0	0	0.354	4	9.83	0
200	2000	306	500	1	0	0	0	0.354	3	9.81	0
200	2000	306	530	1	0	0	0	0.349	3	9.81	0
200	2000	306	600	1	0	0	0	0.349	3	9.8	0
200	2000	306	630	1	0	0	0	0.349	3	9.81	0
200	2000	306	700	1	0	0	0	0.349	4	9.79	0
200	2000	306	730	1	0	0	0	0.347	3	9.81	0
200	2000	306	800	1	0	0	0	0.344	4	9.8	0
200	2000	306	830	1	0	0	0	0.342	3	9.83	0
200	2000	306	900	1	0	0	0	0.343	3	9.89	0
200	2000	306	930	1	0	0	0	0.345	3	9.95	0
200	2000	306	1000	1	0	0	0	0.368	3	10.03	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	306	1030	1	0	0	0	0.374	4	10.13	0
200	2000	306	1100	1	0	0	0	0.372	3	10.23	0
200	2000	306	1130	1	0	0	0	0.369	3	10.31	0
200	2000	306	1200	1	0	0	0	0.366	3	10.42	0
200	2000	306	1230	1	0	0	0	0.363	3	10.55	0
200	2000	306	1300	1	0	0	0	0.365	6	10.66	0
200	2000	306	1330	1	0	0	0	0.365	3	10.78	0
200	2000	306	1400	1	0	0	0	0.361	3	10.87	0
200	2000	306	1430	1	0	0	0	0.359	4	10.99	0
200	2000	306	1500	1	0	0	0	0.355	4	11.05	0
200	2000	306	1530	1	0	0	0	0.359	4	11.1	0
200	2000	306	1600	1	0	0	0	0.361	4	11.14	0
200	2000	306	1630	1	0	0	0	0.359	4	11.18	0
200	2000	306	1700	1	0	0	0	0.36	4	11.19	0
200	2000	306	1730	1	0	0	0	0.359	4	11.21	0
200	2000	306	1800	1	0	0	0	0.356	4	11.22	0
200	2000	306	1830	1	0	0	0	0.359	5	11.23	0
200	2000	306	1900	1	0	0	0	0.356	5	11.22	0
200	2000	306	1930	1	0	0	0	0.356	4	11.21	0
200	2000	306	2000	1	0	0	0	0.358	4	11.23	0
200	2000	306	2030	1	0	0	0	0.356	4	11.21	0
200	2000	306	2100	1	0	0	0	0.354	4	11.22	0
200	2000	306	2130	1	0	0	0	0.354	4	11.22	0
200	2000	306	2200	1	0	0	0	0.354	4	11.21	0.01
200	2000	306	2230	1	0	0	0	0.354	4	11.19	0
200	2000	306	2300	1	0	0	0	0.354	5	11.19	0
200	2000	306	2330	1	0	0	0	0.354	4	11.18	0
200	2000	306	2400	1	0	0	0	0.354	4	11.16	0
200	2000	307	30	1	0	0	0	0.354	4	11.16	0.01
200	2000	307	100	1	0	0	0	0.35	4	11.14	0
200	2000	307	130	1	0	0	0	0.357	3	11.14	0
200	2000	307	200	1	0	0	0	0.354	5	11.12	0
200	2000	307	230	1	0	0	0	0.351	5	11.11	0.01
200	2000	307	300	1	0	0	0	0.354	3	11.11	0
200	2000	307	330	1	0	0	0	0.354	5	11.1	0.01
200	2000	307	400	1	0	0	0	0.355	4	11.09	0
200	2000	307	430	1	0	0	0	0.355	5	11.08	0.01
200	2000	307	500	1	0	0	0	0.355	4	11.08	0
200	2000	307	530	1	0	0	0	0.354	4	11.07	0
200	2000	307	600	1	0	0	0	0.354	5	11.05	0
200	2000	307	630	1	0	0	0	0.354	4	11.04	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	307	700	1	0	0	0	0.354	3	11.04	0
200	2000	307	730	1	0	0	0	0.352	5	11.05	0
200	2000	307	800	1	0	0	0	0.354	4	11.05	0
200	2000	307	830	1	0	0	0	0.353	3	11.07	0
200	2000	307	900	1	0	0	0	0.354	3	11.1	0
200	2000	307	930	1	0	0	0	0.349	4	11.16	0
200	2000	307	1000	1	0	0	0	0.348	4	11.22	0
200	2000	307	1030	1	0	0	0	0.336	3	11.29	0
200	2000	307	1100	1	0	0	0	0.327	4	11.38	0
200	2000	307	1130	1	0	0	0	0.341	5	11.44	0
200	2000	307	1200	1	0	0	0	0.339	5	11.5	0
200	2000	307	1230	1	0	0	0	0.34	4	11.54	0
200	2000	307	1300	1	0	0	0	0.337	5	11.59	0
200	2000	307	1330	1	0	0	0	0.335	3	11.62	0
200	2000	307	1400	1	0	0	0	0.335	4	11.66	0
200	2000	307	1430	1	0	0	0	0.341	5	11.72	0
200	2000	307	1500	1	0	0	0	0.341	4	11.74	0
200	2000	307	1530	1	0	0	0	0.341	5	11.82	0
200	2000	307	1600	1	0	0	0	0.342	5	11.84	0
200	2000	307	1630	1	0	0	0	0.346	5	11.86	0
200	2000	307	1700	1	0	0	0	0.346	4	11.87	0
200	2000	307	1730	1	0	0	0	0.343	5	11.85	0
200	2000	307	1800	1	0	0	0	0.342	4	11.86	0
200	2000	307	1830	1	0	0	0	0.346	4	11.84	0
200	2000	307	1900	1	0	0	0	0.341	4	11.85	0
200	2000	307	1930	1	0	0	0	0.342	4	11.84	0
200	2000	307	2000	1	0	0	0	0.342	6	11.85	0
200	2000	307	2030	1	0	0	0	0.345	5	11.83	0
200	2000	307	2100	1	0	0	0	0.342	5	11.82	0
200	2000	307	2130	1	0	0	0	0.342	4	11.82	0
200	2000	307	2200	1	0	0	0	0.342	5	11.79	0
200	2000	307	2230	1	0	0	0	0.341	5	11.79	0
200	2000	307	2300	1	0	0	0	0.341	4	11.79	0
200	2000	307	2330	1	0	0	0	0.341	5	11.77	0
200	2000	307	2400	1	0	0	0	0.341	4	11.76	0
200	2000	308	30	1	0	0	0	0.342	5	11.73	0
200	2000	308	100	1	0	0	0	0.342	5	11.72	0
200	2000	308	130	1	0	0	0	0.341	4	11.69	0
200	2000	308	200	1	0	0	0	0.341	4	11.69	0
200	2000	308	230	1	0	0	0	0.34	6	11.65	0
200	2000	308	300	1	0	0	0	0.339	4	11.63	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	308	330	1	0	0	0	0.342	4	11.59	0
200	2000	308	400	1	0	0	0	0.339	3	11.56	0
200	2000	308	430	1	0	0	0	0.341	4	11.53	0
200	2000	308	500	1	0	0	0	0.343	4	11.49	0
200	2000	308	530	1	0	0	0	0.341	4	11.44	0
200	2000	308	600	1	0	0	0	0.342	3	11.4	0
200	2000	308	630	1	0	0	0	0.346	4	11.35	0
200	2000	308	700	1	0	0	0	0.342	4	11.3	0
200	2000	308	730	1	0	0	0	0.342	3	11.25	0
200	2000	308	800	1	0	0	0	0.343	3	11.22	0
200	2000	308	830	1	0	0	0	0.343	4	11.14	0
200	2000	308	900	1	0	0	0	0.343	3	11.07	0
200	2000	308	930	1	0	0	0	0.342	4	11.04	0
200	2000	308	1000	1	0	0	0	0.342	3	11.01	0
200	2000	308	1030	1	0	0	0	0.342	3	11.06	0
200	2000	308	1100	1	0	0	0	0.331	3	11.24	0
200	2000	308	1130	1	0	0	0	0.323	3	11.47	0
200	2000	308	1200	1	0	0	0	0.316	3	11.68	0
200	2000	308	1230	1	0	0	0	0.31	4	11.83	0
200	2000	308	1300	1	0	0	0	0.309	4	11.97	0
200	2000	308	1330	1	0	0	0	0.309	3	12.09	0
200	2000	308	1400	1	0	0	0	0.308	3	12.2	0
200	2000	308	1430	1	0	0	0	0.303	4	12.32	0
200	2000	308	1500	1	0	0	0	0.288	4	12.38	0
200	2000	308	1530	1	0	0	0	0.293	5	12.41	0
200	2000	308	1600	1	0	0	0	0.29	4	12.41	0
200	2000	308	1630	1	0	0	0	0.302	5	12.31	0
200	2000	308	1700	1	0	0	0	0.307	5	12.26	0
200	2000	308	1730	1	0	0	0	0.302	4	12.22	0
200	2000	308	1800	1	0	0	0	0.301	4	12.17	0
200	2000	308	1830	1	0	0	0	0.301	5	12.15	0
200	2000	308	1900	1	0	0	0	0.301	4	12.13	0
200	2000	308	1930	1	0	0	0	0.306	4	12.1	0
200	2000	308	2000	1	0	0	0	0.311	4	12.07	0
200	2000	308	2030	1	0	0	0	0.322	8	12.03	0
200	2000	308	2100	1	0	0	0	0.322	3	11.96	0
200	2000	308	2130	1	0	0	0	0.324	3	11.91	0
200	2000	308	2200	1	0	0	0	0.326	3	11.82	0
200	2000	308	2230	1	0	0	0	0.323	3	11.75	0
200	2000	308	2300	1	0	0	0	0.323	3	11.67	0
200	2000	308	2330	1	0	0	0	0.329	3	11.58	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	308	2400	1	0	0	0	0.336	3	11.49	0
200	2000	309	30	1	0	0	0	0.341	3	11.41	0
200	2000	309	100	1	0	0	0	0.336	3	11.37	0
200	2000	309	130	1	0	0	0	0.335	3	11.34	0
200	2000	309	200	1	0	0	0	0.337	3	11.28	0
200	2000	309	230	1	0	0	0	0.336	3	11.24	0
200	2000	309	300	1	0	0	0	0.336	3	11.17	0
200	2000	309	330	1	0	0	0	0.336	6	11.13	0
200	2000	309	400	1	0	0	0	0.337	2	11.05	0
200	2000	309	430	1	0	0	0	0.337	3	11.00	0
200	2000	309	500	1	0	0	0	0.335	3	10.96	0
200	2000	309	530	1	0	0	0	0.333	2	10.92	0
200	2000	309	600	1	0	0	0	0.332	2	10.88	0
200	2000	309	630	1	0	0	0	0.338	3	10.82	0
200	2000	309	700	1	0	0	0	0.336	2	10.79	0
200	2000	309	730	1	0	0	0	0.335	2	10.76	0
200	2000	309	800	1	0	0	0	0.335	2	10.75	0
200	2000	309	830	1	0	0	0	0.334	3	10.75	0
200	2000	309	900	1	0	0	0	0.336	3	10.78	0
200	2000	309	930	1	0	0	0	0.334	3	10.78	0
200	2000	309	1000	1	0	0	0	0.333	2	10.81	0
200	2000	309	1030	1	0	0	0	0.334	2	10.83	0
200	2000	309	1100	1	0	0	0	0.333	3	10.91	0
200	2000	309	1130	1	0	0	0	0.328	3	10.98	0
200	2000	309	1200	1	0	0	0	0.327	2	11.06	0
200	2000	309	1230	1	0	0	0	0.322	2	11.11	0
200	2000	309	1300	1	0	0	0	0.321	3	11.22	0
200	2000	309	1330	1	0	0	0	0.314	3	11.36	0
200	2000	309	1400	1	0	0	0	0.313	2	11.44	0
200	2000	309	1430	1	0	0	0	0.315	3	11.47	0
200	2000	309	1500	1	0	0	0	0.32	3	11.49	0
200	2000	309	1530	1	0	0	0	0.322	3	11.51	0
200	2000	309	1600	1	0	0	0	0.321	3	11.54	0.01
200	2000	309	1630	1	0	0	0	0.323	3	11.54	0.02
200	2000	309	1700	1	0	0	0	0.325	4	11.54	0
200	2000	309	1730	1	0	0	0	0.326	3	11.55	0
200	2000	309	1800	1	0	0	0	0.328	3	11.54	0
200	2000	309	1830	1	0	0	0	0.331	4	11.54	0
200	2000	309	1900	1	0	0	0	0.331	3	11.54	0
200	2000	309	1930	1	0	0	0	0.335	3	11.53	0
200	2000	309	2000	1	0	0	0	0.336	3	11.51	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	309	2030	1	0	0	0	0.335	2	11.48	0
200	2000	309	2100	1	0	0	0	0.337	3	11.45	0
200	2000	309	2130	1	0	0	0	0.336	3	11.38	0
200	2000	309	2200	1	0	0	0	0.338	3	11.32	0
200	2000	309	2230	1	0	0	0	0.341	3	11.28	0
200	2000	309	2300	1	0	0	0	0.342	2	11.23	0
200	2000	309	2330	1	0	0	0	0.342	3	11.2	0
200	2000	309	2400	1	0	0	0	0.342	3	11.15	0
200	2000	310	30	1	0	0	0	0.339	3	11.12	0
200	2000	310	100	1	0	0	0	0.337	3	11.08	0
200	2000	310	130	1	0	0	0	0.341	3	11.02	0
200	2000	310	200	1	0	0	0	0.338	2	10.97	0
200	2000	310	230	1	0	0	0	0.337	2	10.92	0
200	2000	310	300	1	0	0	0	0.336	3	10.86	0
200	2000	310	330	1	0	0	0	0.338	3	10.8	0
200	2000	310	400	1	0	0	0	0.337	2	10.75	0
200	2000	310	430	1	0	0	0	0.336	2	10.73	0
200	2000	310	500	1	0	0	0	0.337	2	10.67	0
200	2000	310	530	1	0	0	0	0.342	2	10.63	0
200	2000	310	600	1	0	0	0	0.342	3	10.58	0
200	2000	310	630	1	0	0	0	0.342	2	10.53	0
200	2000	310	700	1	0	0	0	0.339	2	10.48	0
200	2000	310	730	1	0	0	0	0.342	3	10.43	0
200	2000	310	800	1	0	0	0	0.339	2	10.4	0
200	2000	310	830	1	0	0	0	0.337	4	10.38	0
200	2000	310	900	1	0	0	0	0.335	2	10.42	0
200	2000	310	930	1	0	0	0	0.336	3	10.47	0
200	2000	310	1000	1	0	0	0	0.338	2	10.58	0
200	2000	310	1030	1	0	0	0	0.336	2	10.65	0
200	2000	310	1100	1	0	0	0	0.334	2	10.73	0
200	2000	310	1130	1	0	0	0	0.327	3	10.82	0
200	2000	310	1200	1	0	0	0	0.321	2	10.99	0
200	2000	310	1230	1	0	0	0	0.316	3	11.13	0
200	2000	310	1300	1	0	0	0	0.314	2	11.23	0
200	2000	310	1330	1	0	0	0	0.315	2	11.24	0
200	2000	310	1400	1	0	0	0	0.314	3	11.32	0
200	2000	310	1430	1	0	0	0	0.316	3	11.39	0
200	2000	310	1500	1	0	0	0	0.32	3	11.43	0
200	2000	310	1530	1	0	0	0	0.324	3	11.46	0
200	2000	310	1600	1	0	0	0	0.321	3	11.5	0
200	2000	310	1630	1	0	0	0	0.327	3	11.48	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	310	1700	1	0	0	0	0.328	3	11.48	0
200	2000	310	1730	1	0	0	0	0.328	3	11.46	0
200	2000	310	1800	1	0	0	0	0.326	3	11.45	0
200	2000	310	1830	1	0	0	0	0.327	3	11.43	0
200	2000	310	1900	1	0	0	0	0.329	3	11.39	0
200	2000	310	1930	1	0	0	0	0.329	3	11.39	0
200	2000	310	2000	1	0	0	0	0.331	3	11.37	0
200	2000	310	2030	1	0	0	0	0.328	3	11.36	0
200	2000	310	2100	1	0	0	0	0.328	3	11.36	0
200	2000	310	2130	1	0	0	0	0.327	2	11.34	0
200	2000	310	2200	1	0	0	0	0.327	3	11.31	0
200	2000	310	2230	1	0	0	0	0.329	3	11.29	0
200	2000	310	2300	1	0	0	0	0.329	3	11.28	0
200	2000	310	2330	1	0	0	0	0.329	3	11.27	0
200	2000	310	2400	1	0	0	0	0.332	5	11.25	0
200	2000	311	30	1	0	0	0	0.329	3	11.24	0.01
200	2000	311	100	1	0	0	0	0.33	3	11.23	0.01
200	2000	311	130	1	0	0	0	0.332	2	11.2	0
200	2000	311	200	1	0	0	0	0.331	3	11.18	0
200	2000	311	230	1	0	0	0	0.329	3	11.16	0
200	2000	311	300	1	0	0	0	0.331	1	11.13	0
200	2000	311	330	1	0	0	0	0.331	1	11.09	0
200	2000	311	400	1	0	0	0	0.331	2	11.03	0
200	2000	311	430	1	0	0	0	0.333	1	10.97	0
200	2000	311	500	1	0	0	0	0.331	1	10.9	0
200	2000	311	530	1	0	0	0	0.334	1	10.81	0
200	2000	311	600	1	0	0	0	0.335	1	10.73	0
200	2000	311	630	1	0	0	0	0.335	2	10.63	0
200	2000	311	700	1	0	0	0	0.336	1	10.53	0
200	2000	311	730	1	0	0	0	0.337	1	10.45	0
200	2000	311	800	1	0	0	0	0.337	1	10.4	0
200	2000	311	830	1	0	0	0	0.336	1	10.35	0
200	2000	311	900	1	0	0	0	0.336	1	10.31	0
200	2000	311	930	1	0	0	0	0.335	1	10.26	0
200	2000	311	1000	1	0	0	0	0.331	1	10.24	0
200	2000	311	1030	1	0	0	0	0.331	1	10.26	0
200	2000	311	1100	1	0	0	0	0.329	1	10.38	0
200	2000	311	1130	1	0	0	0	0.322	1	10.63	0
200	2000	311	1200	1	0	0	0	0.315	1	10.84	0
200	2000	311	1230	1	0	0	0	0.31	1	11.01	0
200	2000	311	1300	1	0	0	0	0.304	2	11.15	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	311	1330	1	0	0	0	0.297	1	11.2	0
200	2000	311	1400	1	0	0	0	0.283	1	11.26	0
200	2000	311	1430	1	0	0	0	0.299	2	11.34	0
200	2000	311	1500	1	0	0	0	0.297	2	11.35	0
200	2000	311	1530	1	0	0	0	0.307	2	11.33	0
200	2000	311	1600	1	0	0	0	0.319	2	11.25	0
200	2000	311	1630	1	0	0	0	0.32	2	11.18	0
200	2000	311	1700	1	0	0	0	0.327	1	11.1	0
200	2000	311	1730	1	0	0	0	0.328	2	11.01	0
200	2000	311	1800	1	0	0	0	0.328	2	10.93	0
200	2000	311	1830	1	0	0	0	0.329	1	10.86	0
200	2000	311	1900	1	0	0	0	0.33	2	10.78	0
200	2000	311	1930	1	0	0	0	0.33	1	10.71	0
200	2000	311	2000	1	0	0	0	0.33	1	10.63	0
200	2000	311	2030	1	0	0	0	0.332	1	10.55	0
200	2000	311	2100	1	0	0	0	0.333	1	10.43	0
200	2000	311	2130	1	0	0	0	0.331	1	10.34	0
200	2000	311	2200	1	0	0	0	0.331	1	10.25	0
200	2000	311	2230	1	0	0	0	0.329	1	10.14	0
200	2000	311	2300	1	0	0	0	0.319	1	10.03	0
200	2000	311	2330	1	0	0	0	0.321	2	9.95	0
200	2000	311	2400	1	0	0	0	0.314	1	9.84	0
200	2000	312	30	1	0	0	0	0.311	3	9.72	0
200	2000	312	100	1	0	0	0	0.305	2	9.62	0
200	2000	312	130	1	0	0	0	0.303	1	9.52	0
200	2000	312	200	1	0	0	0	0.295	2	9.4	0
200	2000	312	230	1	0	0	0	0.285	1	9.28	0
200	2000	312	300	1	0	0	0	0.289	2	9.18	0
200	2000	312	330	1	0	0	0	0.295	2	9.05	0
200	2000	312	400	1	0	0	0	0.294	2	8.96	0
200	2000	312	430	1	0	0	0	0.295	2	8.83	0
200	2000	312	500	1	0	0	0	0.291	1	8.72	0
200	2000	312	530	1	0	0	0	0.292	1	8.64	0
200	2000	312	600	1	0	0	0	0.297	2	8.54	0
200	2000	312	630	1	0	0	0	0.296	1	8.44	0
200	2000	312	700	1	0	0	0	0.295	1	8.34	0
200	2000	312	730	1	0	0	0	0.292	1	8.25	0
200	2000	312	800	1	0	0	0	0.289	1	8.18	0
200	2000	312	830	1	0	0	0	0.284	1	8.11	0
200	2000	312	900	1	0	0	0	0.286	1	8.06	0
200	2000	312	930	1	0	0	0	0.281	1	8.04	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	312	1000	1	0	0	0	0.285	1	8.03	0
200	2000	312	1030	1	0	0	0	0.285	1	8.09	0
200	2000	312	1100	1	0	0	0	0.279	1	8.21	0
200	2000	312	1130	1	0	0	0	0.277	1	8.49	0
200	2000	312	1200	1	0	0	0	0.282	2	8.77	0
200	2000	312	1230	1	0	0	0	0.284	1	9.04	0
200	2000	312	1300	1	0	0	0	0.304	1	9.23	0
200	2000	312	1330	1	0	0	0	0.308	3	9.39	0
200	2000	312	1400	1	0	0	0	0.308	2	9.54	0
200	2000	312	1430	1	0	0	0	0.316	3	9.66	0
200	2000	312	1500	1	0	0	0	0.32	2	9.77	0
200	2000	312	1530	1	0	0	0	0.318	4	9.84	0
200	2000	312	1600	1	0	0	0	0.314	5	9.82	0
200	2000	312	1630	1	0	0	0	0.321	6	9.78	0
200	2000	312	1700	1	0	0	0	0.322	4	9.75	0
200	2000	312	1730	1	0	0	0	0.323	3	9.68	0
200	2000	312	1800	1	0	0	0	0.321	3	9.64	0
200	2000	312	1830	1	0	0	0	0.319	4	9.63	0
200	2000	312	1900	1	0	0	0	0.31	3	9.64	0
200	2000	312	1930	1	0	0	0	0.316	4	9.64	0
200	2000	312	2000	1	0	0	0	0.309	3	9.63	0
200	2000	312	2030	1	0	0	0	0.311	3	9.64	0
200	2000	312	2100	1	0	0	0	0.316	4	9.63	0
200	2000	312	2130	1	0	0	0	0.32	3	9.62	0
200	2000	312	2200	1	0	0	0	0.311	4	9.63	0
200	2000	312	2230	1	0	0	0	0.308	4	9.63	0
200	2000	312	2300	1	0	0	0	0.31	11	9.66	0
200	2000	312	2330	1	0	0	0	0.31	2	9.68	0
200	2000	312	2400	1	0	0	0	0.31	7	9.7	0
200	2000	313	30	1	0	0	0	0.31	2	9.73	0
200	2000	313	100	1	0	0	0	0.31	2	9.74	0
200	2000	313	130	1	0	0	0	0.306	3	9.78	0
200	2000	313	200	1	0	0	0	0.31	3	9.79	0
200	2000	313	230	1	0	0	0	0.31	2	9.79	0.03
200	2000	313	300	1	0	0	0	0.31	2	9.78	0
200	2000	313	330	1	0	0	0	0.31	1	9.82	0.01
200	2000	313	400	1	0	0	0	0.312	3	9.82	0.01
200	2000	313	430	1	0	0	0	0.318	3	9.83	0.01
200	2000	313	500	1	0	0	0	0.323	2	9.82	0.04
200	2000	313	530	1	0	0	0	0.326	3	9.85	0.02
200	2000	313	600	1	0	0	0	0.33	3	9.86	0.01

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	313	630	1	0	0	0	0.332	2	9.87	0.01
200	2000	313	700	1	0	0	0	0.331	1	9.88	0
200	2000	313	730	1	0	0	0	0.335	3	9.88	0
200	2000	313	800	1	0	0	0	0.335	2	9.9	0
200	2000	313	830	1	0	0	0	0.337	1	9.94	0
200	2000	313	900	1	0	0	0	0.336	1	9.97	0
200	2000	313	930	1	0	0	0	0.337	3	9.97	0
200	2000	313	1000	1	0	0	0	0.337	3	10	0
200	2000	313	1030	1	0	0	0	0.336	2	10.09	0
200	2000	313	1100	1	0	0	0	0.337	2	10.17	0
200	2000	313	1130	1	0	0	0	0.337	2	10.26	0
200	2000	313	1200	1	0	0	0	0.335	2	10.37	0
200	2000	313	1230	1	0	0	0	0.333	2	10.56	0
200	2000	313	1300	1	0	0	0	0.334	2	10.71	0
200	2000	313	1330	1	0	0	0	0.337	2	10.76	0
200	2000	313	1400	1	0	0	0	0.334	3	10.81	0
200	2000	313	1430	1	0	0	0	0.35	2	10.89	0
200	2000	313	1500	1	0	0	0	0.36	3	10.93	0
200	2000	313	1530	1	0	0	0	0.354	2	10.9	0
200	2000	313	1600	1	0	0	0	0.358	4	10.86	0
200	2000	313	1630	1	0	0	0	0.363	3	10.8	0
200	2000	313	1700	1	0	0	0	0.346	3	10.71	0
200	2000	313	1730	1	0	0	0	0.347	3	10.62	0
200	2000	313	1800	1	0	0	0	0.349	2	10.55	0
200	2000	313	1830	1	0	0	0	0.346	2	10.48	0
200	2000	313	1900	1	0	0	0	0.342	2	10.42	0
200	2000	313	1930	1	0	0	0	0.343	2	10.39	0.03
200	2000	313	2000	1	0	0	0	0.337	2	10.33	0.01
200	2000	313	2030	1	0	0	0	0.343	3	10.27	0
200	2000	313	2100	1	0	0	0	0.355	2	10.21	0
200	2000	313	2130	1	0	0	0	0.356	2	10.17	0.01
200	2000	313	2200	1	0	0	0	0.358	1	10.1	0
200	2000	313	2230	1	0	0	0	0.362	2	10.03	0.01
200	2000	313	2300	1	0	0	0	0.364	2	9.96	0.01
200	2000	313	2330	1	0	0	0	0.374	2	9.89	0
200	2000	313	2400	1	0	0	0	0.389	3	9.81	0
200	2000	314	30	1	0	0	0	0.399	3	9.74	0
200	2000	314	100	1	0	0	0	0.394	4	9.65	0
200	2000	314	130	1	0	0	0	0.396	2	9.56	0
200	2000	314	200	1	0	0	0	0.395	2	9.49	0
200	2000	314	230	1	0	0	0	0.397	2	9.41	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	314	300	1	0	1	0	0.408	2	9.32	0.03
200	2000	314	330	1	0	1	0	0.417	3	9.23	0.04
200	2000	314	400	1	0	1	0	0.426	3	9.15	0
200	2000	314	430	1	0	1	0	0.431	2	9.09	0
200	2000	314	500	1	0	1	0	0.432	2	9.03	0
200	2000	314	530	1	0	1	0	0.432	2	8.95	0
200	2000	314	600	1	0	1	0	0.433	2	8.9	0
200	2000	314	630	1	0	1	0	0.433	3	8.83	0
200	2000	314	700	1	0	1	0	0.434	3	8.79	0
200	2000	314	730	1	0	1	0	0.432	2	8.75	0
200	2000	314	800	1	0	1	0	0.433	2	8.73	0
200	2000	314	830	1	0	1	0	0.433	3	8.69	0
200	2000	314	900	1	0	1	0	0.428	2	8.71	0
200	2000	314	930	1	0	1	0	0.426	2	8.75	0
200	2000	314	1000	1	0	1	0	0.421	2	8.79	0
200	2000	314	1030	1	0	1	0	0.418	3	8.87	0
200	2000	314	1100	1	0	1	0	0.414	2	8.97	0
200	2000	314	1130	1	0	1	0	0.425	3	8.95	0.04
200	2000	314	1200	1	0	1	0	0.431	3	8.94	0
200	2000	314	1230	1	0	1	0	0.431	3	9.07	0
200	2000	314	1300	1	0	1	0	0.422	3	9.17	0
200	2000	314	1330	1	0	1	0	0.444	6	9.25	0
200	2000	314	1400	1	0	1	0	0.449	11	9.25	0
200	2000	314	1430	1	0	1	0	0.475	11	9.28	0
200	2000	314	1500	1	0	1	0	0.481	8	9.24	0
200	2000	314	1530	1	0	2	0	0.486	6	9.27	0
200	2000	314	1600	1	0	2	0	0.488	6	9.31	0
200	2000	314	1630	1	0	2	0	0.495	4	9.35	0
200	2000	314	1700	1	0	2	0	0.501	3	9.34	0
200	2000	314	1730	1	0	2	0	0.678	2	9.31	0
200	2000	314	1800	1	0	2	0	0.684	2	9.26	0
200	2000	314	1830	1	0	2	0	0.686	2	9.17	0
200	2000	314	1900	1	0	2	0	0.693	1	9.07	0
200	2000	314	1930	1	0	2	0	0.697	2	8.94	0
200	2000	314	2000	1	0	2	0	0.699	1	8.83	0
200	2000	314	2030	1	0	2	0	0.702	2	8.7	0
200	2000	314	2100	1	0	2	0	0.704	2	8.58	0
200	2000	314	2130	1	0	2	0	0.711	2	8.47	0
200	2000	314	2200	1	0	2	0	0.718	2	8.36	0
200	2000	314	2230	1	0	2	0	0.725	2	8.24	0
200	2000	314	2300	1	0	2	0	0.731	2	8.12	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	314	2330	1	0	2	0	0.731	2	8.01	0
200	2000	314	2400	1	0	2	0	0.731	3	7.89	0
200	2000	315	30	1	0	2	0	0.73	2	7.77	0
200	2000	315	100	1	0	2	0	0.729	2	7.66	0
200	2000	315	130	1	0	2	0	0.726	2	7.56	0
200	2000	315	200	1	0	2	0	0.726	3	7.45	0
200	2000	315	230	1	0	2	0	0.726	2	7.36	0
200	2000	315	300	1	0	2	0	0.719	3	7.26	0
200	2000	315	330	1	0	2	0	0.718	2	7.18	0
200	2000	315	400	1	0	2	0	0.714	3	7.07	0
200	2000	315	430	1	0	2	0	0.713	3	7	0
200	2000	315	500	1	0	2	0	0.712	2	6.907	0
200	2000	315	530	1	0	2	0	0.708	3	6.831	0
200	2000	315	600	1	0	2	0	0.704	2	6.754	0
200	2000	315	630	1	0	2	0	0.703	3	6.686	0
200	2000	315	700	1	0	2	0	0.699	2	6.59	0
200	2000	315	730	1	0	2	0	0.695	1	6.533	0
200	2000	315	800	1	0	2	0	0.694	1	6.467	0
200	2000	315	830	1	0	2	0	0.689	2	6.399	0
200	2000	315	900	1	0	2	0	0.689	2	6.371	0
200	2000	315	930	1	0	2	0	0.682	1	6.323	0
200	2000	315	1000	1	0	2	0	0.679	1	6.304	0
200	2000	315	1030	1	0	2	0	0.674	2	6.371	0
200	2000	315	1100	1	0	2	0	0.671	2	6.505	0
200	2000	315	1130	1	0	2	0	0.662	3	6.687	0
200	2000	315	1200	1	0	2	0	0.659	2	6.86	0
200	2000	315	1230	1	0	2	0	0.653	1	6.991	0
200	2000	315	1300	1	0	2	0	0.647	2	7.18	0
200	2000	315	1330	1	0	2	0	0.642	1	7.44	0
200	2000	315	1400	1	0	2	0	0.463	2	7.68	0
200	2000	315	1430	1	0	2	0	0.466	3	7.79	0
200	2000	315	1500	1	0	2	0	0.469	3	7.84	0
200	2000	315	1530	1	0	2	0	0.472	3	7.88	0
200	2000	315	1600	1	0	2	0	0.471	2	7.94	0
200	2000	315	1630	1	0	2	0	0.468	2	7.94	0
200	2000	315	1700	1	0	2	0	0.467	3	7.92	0
200	2000	315	1730	1	0	2	0	0.459	2	7.86	0
200	2000	315	1800	1	0	2	0	0.463	2	7.77	0
200	2000	315	1830	1	0	2	0	0.461	2	7.67	0
200	2000	315	1900	1	0	2	0	0.456	2	7.57	0
200	2000	315	1930	1	0	2	0	0.451	2	7.44	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	315	2000	1	0	2	0	0.45	2	7.32	0
200	2000	315	2030	1	0	2	0	0.428	2	7.2	0
200	2000	315	2100	1	0	2	0	0.445	2	7.06	0
200	2000	315	2130	1	0	2	0	0.44	3	6.931	0
200	2000	315	2200	1	0	2	0	0.444	2	6.819	0
200	2000	315	2230	1	0	2	0	0.438	2	6.705	0
200	2000	315	2300	1	0	2	0	0.437	2	6.6	0
200	2000	315	2330	1	0	2	0	0.432	1	6.495	0
200	2000	315	2400	1	0	2	0	0.426	2	6.399	0
200	2000	316	30	1	0	2	0	0.419	2	6.304	0
200	2000	316	100	1	0	2	0	0.417	3	6.199	0
200	2000	316	130	1	0	2	0	0.413	1	6.103	0
200	2000	316	200	1	0	2	0	0.405	2	6.009	0
200	2000	316	230	1	0	2	0	0.405	2	5.951	0
200	2000	316	300	1	0	2	0	0.403	3	5.865	0
200	2000	316	330	1	0	0	0	0.399	2	5.78	0
200	2000	316	400	1	0	1	0	0.403	1	5.703	0
200	2000	316	430	1	0	1	0	0.402	1	5.627	0
200	2000	316	500	1	0	1	0	0.4	2	5.56	0
200	2000	316	530	1	0	0	0	0.396	1	5.474	0
200	2000	316	600	1	0	0	0	0.396	1	5.417	0
200	2000	316	630	1	0	0	0	0.396	1	5.351	0
200	2000	316	700	1	0	0	0	0.389	2	5.275	0
200	2000	316	730	1	0	0	0	0.341	1	5.218	0
200	2000	316	800	1	0	0	0	0.338	1	5.208	0
200	2000	316	830	1	0	0	0	0.317	1	5.227	0
200	2000	316	900	1	0	0	0	0.349	1	5.237	0
200	2000	316	930	1	0	0	0	0.334	1	5.218	0
200	2000	316	1000	1	0	0	0	0.327	2	5.246	0
200	2000	316	1030	1	0	0	0	0.328	3	5.332	0
200	2000	316	1100	1	0	0	0	0.324	1	5.522	0
200	2000	316	1130	1	0	0	0	0.343	1	5.721	0
200	2000	316	1200	1	0	0	0	0.338	2	5.94	0
200	2000	316	1230	1	0	0	0	0.326	2	6.107	0
200	2000	316	1300	1	0	0	0	0.343	1	6.268	0
200	2000	316	1330	1	0	0	0	0.354	2	6.457	0
200	2000	316	1400	1	0	0	0	0.353	2	6.666	0
200	2000	316	1430	1	0	0	0	0.351	3	6.809	0
200	2000	316	1500	1	0	0	0	0.354	3	6.885	0
200	2000	316	1530	1	0	0	0	0.332	3	6.922	0
200	2000	316	1600	1	0	0	0	0.356	3	6.93	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	316	1630	1	0	0	0	0.356	2	6.977	0
200	2000	316	1700	1	0	0	0	0.354	2	7.03	0
200	2000	316	1730	1	0	0	0	0.351	2	7.07	0
200	2000	316	1800	1	0	0	0	0.348	2	7.06	0
200	2000	316	1830	1	0	0	0	0.353	3	7.02	0
200	2000	316	1900	1	0	0	0	0.353	2	6.944	0
200	2000	316	1930	1	0	0	0	0.348	2	6.868	0
200	2000	316	2000	1	0	0	0	0.347	2	6.784	0
200	2000	316	2030	1	0	0	0	0.336	2	6.697	0
200	2000	316	2100	1	0	0	0	0.329	2	6.604	0
200	2000	316	2130	1	0	0	0	0.322	5	6.511	0
200	2000	316	2200	1	0	0	0	0.323	2	6.397	0
200	2000	316	2230	1	0	0	0	0.315	3	6.283	0
200	2000	316	2300	1	0	0	0	0.314	2	6.17	0
200	2000	316	2330	1	0	0	0	0.321	1	6.047	0
200	2000	316	2400	1	0	0	0	0.319	2	5.932	0
200	2000	317	30	1	0	0	0	0.318	1	5.808	0
200	2000	317	100	1	0	0	0	0.341	1	5.703	0
200	2000	317	130	1	0	0	0	0.341	1	5.589	0
200	2000	317	200	1	0	0	0	0.34	2	5.514	0
200	2000	317	230	1	0	0	0	0.339	1	5.408	0
200	2000	317	300	1	0	0	0	0.337	2	5.322	0
200	2000	317	330	1	0	0	0	0.337	1	5.246	0
200	2000	317	400	1	0	0	0	0.336	1	5.16	0
200	2000	317	430	1	0	0	0	0.336	2	5.085	0
200	2000	317	500	1	0	0	0	0.335	1	5.009	0
200	2000	317	530	1	0	0	0	0.334	1	4.933	0
200	2000	317	600	1	0	0	0	0.334	1	4.866	0
200	2000	317	630	1	0	0	0	0.332	1	4.8	0
200	2000	317	700	1	0	0	0	0.332	1	4.733	0
200	2000	317	730	1	0	0	0	0.33	1	4.676	0
200	2000	317	800	1	0	0	0	0.33	2	4.629	0
200	2000	317	830	1	0	0	0	0.33	1	4.6	0
200	2000	317	900	1	0	0	0	0.329	1	4.619	0
200	2000	317	930	1	0	0	0	0.329	1	4.638	0
200	2000	317	1000	1	0	0	0	0.329	1	4.667	0
200	2000	317	1030	1	0	0	0	0.328	1	4.724	0
200	2000	317	1100	1	0	0	0	0.326	1	4.904	0
200	2000	317	1130	1	0	0	0	0.325	2	5.14	0
200	2000	317	1200	1	0	0	0	0.323	1	5.387	0
200	2000	317	1230	1	0	0	0	0.322	1	5.527	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	317	1300	1	0	0	0	0.321	1	5.592	0
200	2000	317	1330	1	0	0	0	0.323	2	5.743	0
200	2000	317	1400	1	0	0	0	0.302	2	5.923	0
200	2000	317	1430	1	0	0	0	0.314	2	6.046	0
200	2000	317	1500	1	0	0	0	0.266	2	6.101	0
200	2000	317	1530	1	0	0	0	0.32	2	6.129	0
200	2000	317	1600	1	0	0	0	0.32	1	6.138	0
200	2000	317	1630	1	0	0	0	0.317	3	6.147	0
200	2000	317	1700	1	0	0	0	0.299	2	6.186	0
200	2000	317	1730	1	0	0	0	0.314	2	6.224	0
200	2000	317	1800	1	0	0	0	0.309	2	6.301	0
200	2000	317	1830	1	0	0	0	0.305	1	6.389	0
200	2000	317	1900	1	0	0	0	0.296	1	6.428	0
200	2000	317	1930	1	0	0	0	0.285	2	6.447	0
200	2000	317	2000	1	0	0	0	0.279	2	6.477	0
200	2000	317	2030	1	0	0	0	0.285	2	6.439	0
200	2000	317	2100	1	0	0	0	0.292	2	6.381	0
200	2000	317	2130	1	0	0	0	0.271	2	6.334	0
200	2000	317	2200	1	0	0	0	0.284	1	6.268	0
200	2000	317	2230	1	0	0	0	0.298	2	6.213	0
200	2000	317	2300	1	0	0	0	0.292	2	6.127	0
200	2000	317	2330	1	0	0	0	0.283	1	6.072	0
200	2000	317	2400	1	0	0	0	0.299	2	6.006	0
200	2000	318	30	1	0	0	0	0.304	1	5.941	0
200	2000	318	100	1	0	0	0	0.31	2	5.873	0
200	2000	318	130	1	0	0	0	0.31	1	5.815	0
200	2000	318	200	1	0	0	0	0.311	1	5.73	0
200	2000	318	230	1	0	0	0	0.309	1	5.684	0
200	2000	318	300	1	0	0	0	0.302	2	5.645	0
200	2000	318	330	1	0	0	0	0.291	1	5.608	0
200	2000	318	400	1	0	0	0	0.289	1	5.57	0
200	2000	318	430	1	0	0	0	0.279	2	5.559	0
200	2000	318	500	1	0	0	0	0.28	2	5.53	0
200	2000	318	530	1	0	0	0	0.271	1	5.522	0
200	2000	318	600	1	0	0	0	0.284	1	5.509	0
200	2000	318	630	1	0	0	0	0.284	1	5.518	0
200	2000	318	700	1	0	0	0	0.291	2	5.519	0.01
200	2000	318	730	1	0	0	0	0.296	1	5.53	0.06
200	2000	318	800	1	0	0	0	0.303	1	5.537	0.03
200	2000	318	830	1	0	0	0	0.311	2	5.537	0.04
200	2000	318	900	1	0	0	0	0.323	2	5.563	0.06

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	318	930	1	0	0	0	0.34	5	5.563	0.05
200	2000	318	1000	1	0	0	0	0.349	5	5.612	0.03
200	2000	318	1030	1	0	0	0	0.36	4	5.621	0.02
200	2000	318	1100	1	0	0	0	0.368	5	5.657	0.01
200	2000	318	1130	1	0	0	0	0.372	7	5.714	0
200	2000	318	1200	1	0	0	0	0.374	12	5.772	0
200	2000	318	1230	1	0	0	0	0.377	21	5.867	0
200	2000	318	1300	1	0	0	0	0.379	31	5.963	0
200	2000	318	1330	1	0	0	0	0.382	28	6.038	0
200	2000	318	1400	1	0	0	0	0.388	26	6.115	0
200	2000	318	1430	1	3	1	4	0.409	26	6.191	0.03
200	2000	318	1500	1	0	1	0	0.433	22	6.238	0.01
200	2000	318	1530	1	0	2	0	0.448	17	6.286	0.01
200	2000	318	1600	1	0	2	0	0.455	11	6.343	0
200	2000	318	1630	1	0	2	0	0.941	32	6.419	0.01
200	2000	318	1700	1	0	2	0	0.96	23	6.496	0.05
200	2000	318	1730	1	0	2	0	0.96	22	6.477	0
200	2000	318	1800	1	0	2	0	0.951	19	6.496	0.01
200	2000	318	1830	1	0	2	0	0.944	17	6.515	0
200	2000	318	1900	1	0	2	0	0.936	15	6.544	0
200	2000	318	1930	1	0	2	0	0.937	14	6.582	0
200	2000	318	2000	1	0	2	0	0.93	14	6.62	0.01
200	2000	318	2030	1	0	2	0	0.923	14	6.65	0
200	2000	318	2100	1	4	1	1	0.928	16	6.669	0
200	2000	318	2130	1	0	1	0	0.941	17	6.66	0
200	2000	318	2200	1	0	1	0	0.961	21	6.641	0
200	2000	318	2230	1	5	1	1	0.995	28	6.631	0
200	2000	318	2300	1	0	1	0	1.02	35	6.632	0.01
200	2000	318	2330	1	0	1	0	1.03	40	6.612	0
200	2000	318	2400	1	0	1	0	1.031	43	6.621	0
200	2000	319	30	1	0	1	0	1.028	42	6.613	0
200	2000	319	100	1	0	1	0	1.021	41	6.613	0.01
200	2000	319	130	1	0	1	0	1.007	39	6.622	0
200	2000	319	200	1	0	2	0	0.999	38	6.631	0
200	2000	319	230	1	0	2	0	0.982	36	6.641	0
200	2000	319	300	1	0	2	0	0.969	36	6.66	0
200	2000	319	330	1	0	2	0	0.954	35	6.66	0
200	2000	319	400	1	0	2	0	0.942	34	6.662	0
200	2000	319	430	1	0	2	0	0.928	34	6.67	0
200	2000	319	500	1	0	2	0	0.917	33	6.661	0
200	2000	319	530	1	0	2	0	0.904	33	6.641	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	319	600	1	0	2	0	0.893	33	6.622	0
200	2000	319	630	1	0	2	0	0.885	33	6.585	0
200	2000	319	700	1	0	2	0	0.873	32	6.548	0
200	2000	319	730	1	0	2	0	0.866	32	6.511	0
200	2000	319	800	1	0	2	0	0.858	31	6.473	0
200	2000	319	830	1	0	2	0	0.848	30	6.444	0
200	2000	319	900	1	6	2	1	0.835	30	6.445	0
200	2000	319	930	1	1	1	4	0.842	30	6.464	0
200	2000	319	1000	1	0	1	0	0.828	28	6.511	0
200	2000	319	1030	1	0	1	0	0.818	28	6.596	0
200	2000	319	1100	1	0	1	0	0.802	28	6.708	0
200	2000	319	1130	1	0	1	0	0.788	27	6.832	0
200	2000	319	1200	1	0	1	0	0.777	26	6.975	0
200	2000	319	1230	1	0	1	0	0.759	26	7.11	0
200	2000	319	1300	1	0	2	0	0.717	25	7.3	0
200	2000	319	1330	1	0	2	0	0.716	25	7.46	0
200	2000	319	1400	1	0	2	0	0.688	26	7.53	0
200	2000	319	1430	1	0	2	0	0.717	25	7.57	0
200	2000	319	1500	1	0	2	0	0.71	25	7.58	0
200	2000	319	1530	1	0	2	0	0.704	24	7.59	0.01
200	2000	319	1600	1	0	2	0	0.699	24	7.57	0
200	2000	319	1630	1	0	2	0	0.694	24	7.56	0
200	2000	319	1700	1	0	2	0	0.687	24	7.54	0
200	2000	319	1730	1	0	2	0	0.68	23	7.51	0
200	2000	319	1800	1	0	2	0	0.674	23	7.52	0
200	2000	319	1830	1	0	2	0	0.672	24	7.5	0
200	2000	319	1900	1	0	2	0	0.667	22	7.48	0
200	2000	319	1930	1	0	2	0	0.66	22	7.49	0
200	2000	319	2000	1	0	2	0	0.655	22	7.45	0
200	2000	319	2030	1	0	2	0	0.65	22	7.42	0
200	2000	319	2100	1	0	2	0	0.643	21	7.4	0
200	2000	319	2130	1	0	2	0	0.632	21	7.37	0
200	2000	319	2200	1	0	2	0	0.605	21	7.33	0
200	2000	319	2230	1	0	2	0	0.61	21	7.28	0
200	2000	319	2300	1	0	2	0	0.606	20	7.23	0
200	2000	319	2330	1	0	2	0	0.599	20	7.21	0
200	2000	319	2400	1	0	2	0	0.594	20	7.16	0
200	2000	320	30	1	0	2	0	0.588	20	7.12	0
200	2000	320	100	1	0	2	0	0.576	19	7.07	0
200	2000	320	130	1	0	2	0	0.567	19	7.03	0
200	2000	320	200	1	0	2	0	0.582	19	7.01	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	320	230	1	0	2	0	0.573	19	6.967	0
200	2000	320	300	1	0	2	0	0.57	19	6.918	0
200	2000	320	330	1	0	2	0	0.561	19	6.882	0
200	2000	320	400	1	0	2	0	0.558	19	6.861	0
200	2000	320	430	1	0	2	0	0.553	19	6.844	0
200	2000	320	500	1	0	2	0	0.553	18	6.814	0
200	2000	320	530	1	0	2	0	0.547	19	6.795	0
200	2000	320	600	1	0	2	0	0.543	18	6.776	0
200	2000	320	630	1	0	2	0	0.542	19	6.738	0
200	2000	320	700	1	0	2	0	0.539	18	6.737	0
200	2000	320	730	1	0	2	0	0.533	18	6.728	0
200	2000	320	800	1	0	2	0	0.534	17	6.729	0
200	2000	320	830	1	0	2	0	0.528	17	6.747	0
200	2000	320	900	1	0	2	0	0.527	17	6.775	0
200	2000	320	930	1	0	2	0	0.522	17	6.813	0
200	2000	320	1000	1	0	2	0	0.514	16	6.88	0
200	2000	320	1030	1	0	2	0	0.509	17	6.965	0
200	2000	320	1100	1	0	2	0	0.502	17	7.06	0
200	2000	320	1130	1	0	2	0	0.496	17	7.17	0
200	2000	320	1200	1	0	2	0	0.482	16	7.27	0
200	2000	320	1230	1	0	2	0	0.485	16	7.41	0
200	2000	320	1300	1	0	2	0	0.489	15	7.5	0
200	2000	320	1330	1	0	2	0	0.489	16	7.58	0
200	2000	320	1400	1	0	2	0	0.486	16	7.64	0.01
200	2000	320	1430	1	0	3	0	0.495	16	7.7	0
200	2000	322	2400	2	0	0	0	0.394	20	5.332	0
200	2000	323	30	2	0	0	0	0.393	20	5.256	0
200	2000	323	100	2	0	0	0	0.395	20	5.151	0
200	2000	323	130	2	0	0	0	0.394	21	5.075	0
200	2000	323	200	2	0	0	0	0.394	19	5.009	0
200	2000	323	230	2	0	0	0	0.395	20	4.923	0
200	2000	323	300	2	0	0	0	0.391	20	4.857	0
200	2000	323	330	2	0	0	0	0.389	21	4.781	0
200	2000	323	400	2	0	0	0	0.389	20	4.724	0
200	2000	323	430	2	0	0	0	0.389	21	4.648	0
200	2000	323	500	2	0	0	0	0.39	21	4.591	0
200	2000	323	530	2	0	0	0	0.388	20	4.515	0
200	2000	323	600	2	0	0	0	0.387	21	4.468	0
200	2000	323	630	2	0	0	0	0.381	20	4.42	0
200	2000	323	700	2	0	0	0	0.384	20	4.363	0
200	2000	323	730	2	0	0	0	0.378	20	4.306	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	323	800	2	0	0	0	0.378	21	4.26	0
200	2000	323	830	2	0	0	0	0.377	21	4.212	0
200	2000	323	900	2	0	0	0	0.381	19	4.183	0
200	2000	323	930	2	0	0	0	0.381	20	4.155	0
200	2000	323	1000	2	0	0	0	0.378	21	4.175	0
200	2000	323	1030	2	0	0	0	0.374	20	4.221	0
200	2000	323	1100	2	0	0	0	0.37	20	4.363	0.01
200	2000	323	1130	2	0	0	0	0.367	20	4.534	0
200	2000	323	1200	2	0	0	0	0.367	20	4.733	0
200	2000	323	1230	2	0	0	0	0.365	21	4.9	0
200	2000	323	1300	2	0	0	0	0.388	21	5.078	0
200	2000	323	1330	2	0	0	0	0.388	20	5.277	0
200	2000	323	1400	2	0	0	0	0.385	20	5.504	0
200	2000	323	1430	2	0	0	0	0.386	2	5.674	0
200	2000	323	1500	2	0	0	0	0.383	2	5.806	0
200	2000	323	1530	2	0	0	0	0.386	1	5.939	0
200	2000	323	1600	2	0	0	0	0.39	1	6.053	0
200	2000	323	1630	2	0	0	0	0.386	2	6.186	0
200	2000	323	1700	2	0	0	0	0.379	2	6.253	0
200	2000	323	1730	2	0	0	0	0.386	2	6.331	0
200	2000	323	1800	2	0	0	0	0.385	2	6.351	0
200	2000	323	1830	2	0	0	0	0.383	2	6.379	0
200	2000	323	1900	2	0	0	0	0.374	2	6.408	0
200	2000	323	1930	2	0	0	0	0.365	1	6.406	0
200	2000	323	2000	2	0	0	0	0.362	2	6.418	0
200	2000	323	2030	2	0	0	0	0.361	2	6.409	0
200	2000	323	2100	2	0	0	0	0.368	2	6.39	0
200	2000	323	2130	2	0	0	0	0.363	2	6.371	0
200	2000	323	2200	2	0	0	0	0.354	1	6.371	0
200	2000	323	2230	2	0	0	0	0.351	2	6.333	0
200	2000	323	2300	2	0	0	0	0.358	1	6.286	0
200	2000	323	2330	2	0	0	0	0.36	1	6.248	0
200	2000	323	2400	2	0	0	0	0.374	1	6.19	0
200	2000	324	30	2	0	0	0	0.368	3	6.114	0
200	2000	324	100	2	0	0	0	0.369	2	6.058	0
200	2000	324	130	2	0	0	0	0.369	2	5.983	0
200	2000	324	200	2	0	0	0	0.373	1	5.897	0
200	2000	324	230	2	0	0	0	0.367	2	5.802	0
200	2000	324	300	2	0	0	0	0.358	2	5.709	0
200	2000	324	330	2	0	0	0	0.351	2	5.653	0
200	2000	324	400	2	0	0	0	0.341	2	5.576	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	324	430	2	0	0	0	0.346	2	5.493	0
200	2000	324	500	2	0	0	0	0.34	3	5.444	0
200	2000	324	530	2	0	0	0	0.34	2	5.388	0
200	2000	324	600	2	0	0	0	0.339	3	5.34	0
200	2000	324	630	2	0	0	0	0.34	2	5.284	0
200	2000	324	700	2	0	0	0	0.345	3	5.245	0
200	2000	324	730	2	0	0	0	0.344	2	5.207	0
200	2000	324	800	2	0	0	0	0.343	2	5.179	0
200	2000	324	830	2	0	0	0	0.34	3	5.189	0
200	2000	324	900	2	0	0	0	0.338	4	5.225	0
200	2000	324	930	2	0	0	0	0.339	4	5.291	0
200	2000	324	1000	2	0	0	0	0.339	5	5.383	0
200	2000	324	1030	2	0	0	0	0.335	4	5.487	0
200	2000	324	1100	2	0	0	0	0.332	3	5.629	0
200	2000	324	1130	2	0	0	0	0.321	4	5.799	0
200	2000	324	1200	2	0	0	0	0.309	4	5.942	0
200	2000	324	1230	2	0	0	0	0.305	2	6.075	0
200	2000	324	1300	2	0	0	0	0.297	2	6.237	0
200	2000	324	1330	2	0	0	0	0.298	2	6.37	0
200	2000	324	1400	2	0	0	0	0.301	3	6.512	0
200	2000	324	1430	2	0	0	0	0.335	0	6.647	0
200	2000	324	1500	2	0	0	0	0.334	-7	6.771	0
200	2000	324	1530	2	0	0	0	0.327	1	6.876	0
200	2000	324	1600	2	0	0	0	0.327	2	6.972	0
200	2000	324	1630	2	0	0	0	0.329	1	7	0
200	2000	324	1700	2	0	0	0	0.329	1	7.03	0
200	2000	324	1730	2	0	0	0	0.33	2	7.04	0
200	2000	324	1800	2	0	0	0	0.33	2	7.03	0
200	2000	324	1830	2	0	0	0	0.331	3	7	0
200	2000	324	1900	2	0	0	0	0.329	2	6.982	0
200	2000	324	1930	2	0	0	0	0.327	2	6.973	0
200	2000	324	2000	2	0	0	0	0.333	1	6.945	0
200	2000	324	2030	2	0	0	0	0.335	2	6.918	0
200	2000	324	2100	2	0	0	0	0.337	1	6.879	0
200	2000	324	2130	2	0	0	0	0.352	1	6.831	0
200	2000	324	2200	2	0	0	0	0.342	2	6.734	0
200	2000	324	2230	2	0	0	0	0.325	1	6.678	0
200	2000	324	2300	2	0	0	0	0.325	2	6.602	0
200	2000	324	2330	2	0	0	0	0.345	3	6.507	0
200	2000	324	2400	2	0	0	0	0.336	1	6.421	0
200	2000	325	30	2	0	0	0	0.33	1	6.326	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	325	100	2	0	0	0	0.324	1	6.231	0
200	2000	325	130	2	0	0	0	0.332	2	6.137	0
200	2000	325	200	2	0	0	0	0.335	1	6.041	0
200	2000	325	230	2	0	0	0	0.342	2	5.948	0
200	2000	325	300	2	0	0	0	0.345	1	5.844	0
200	2000	325	330	2	0	0	0	0.342	2	5.759	0
200	2000	325	400	2	0	0	0	0.343	1	5.655	0
200	2000	325	430	2	0	0	0	0.344	1	5.57	0
200	2000	325	500	2	0	0	0	0.344	1	5.475	0
200	2000	325	530	2	0	0	0	0.344	1	5.389	0
200	2000	325	600	2	0	0	0	0.344	1	5.294	0
200	2000	325	630	2	0	0	0	0.345	2	5.208	0
200	2000	325	700	2	0	0	0	0.35	1	5.123	0
200	2000	325	730	2	0	0	0	0.351	2	5.047	0
200	2000	325	800	2	0	0	0	0.349	1	4.961	0
200	2000	325	830	2	0	0	0	0.345	1	4.933	0
200	2000	325	900	2	0	0	0	0.345	1	4.904	0
200	2000	325	930	2	0	0	0	0.346	2	4.923	0
200	2000	325	1000	2	0	0	0	0.338	2	4.961	0
200	2000	325	1030	2	0	0	0	0.333	2	5.055	0
200	2000	325	1100	2	0	0	0	0.329	3	5.184	0
200	2000	325	1130	2	0	0	0	0.323	3	5.354	0
200	2000	325	1200	2	0	0	0	0.316	2	5.553	0
200	2000	325	1230	2	0	0	0	0.313	2	5.725	0
200	2000	325	1300	2	0	0	0	0.309	2	5.867	0
200	2000	325	1330	2	0	0	0	0.306	2	6.046	0
200	2000	325	1400	2	0	0	0	0.303	3	6.189	0
200	2000	325	1430	2	0	0	0	0.302	2	6.312	0
200	2000	325	1500	2	0	0	0	0.302	2	6.407	0
200	2000	325	1530	2	0	0	0	0.302	3	6.455	0
200	2000	325	1600	2	0	0	0	0.308	3	6.522	0
200	2000	325	1630	2	0	0	0	0.303	3	6.597	0
200	2000	325	1700	2	0	0	0	0.303	2	6.666	0
200	2000	325	1730	2	0	0	0	0.302	3	6.723	0
200	2000	325	1800	2	0	0	0	0.303	2	6.77	0
200	2000	325	1830	2	0	0	0	0.302	2	6.8	0
200	2000	325	1900	2	0	0	0	0.303	3	6.799	0
200	2000	325	1930	2	0	0	0	0.303	2	6.791	0
200	2000	325	2000	2	0	0	0	0.3	3	6.792	0
200	2000	325	2030	2	0	0	0	0.299	3	6.782	0
200	2000	325	2100	2	0	0	0	0.299	2	6.745	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	325	2130	2	0	0	0	0.298	2	6.708	0
200	2000	325	2200	2	0	0	0	0.294	3	6.669	0
200	2000	325	2230	2	0	0	0	0.289	2	6.659	0
200	2000	325	2300	2	0	0	0	0.287	2	6.64	0
200	2000	325	2330	2	0	0	0	0.288	2	6.631	0
200	2000	325	2400	2	0	0	0	0.288	3	6.621	0
200	2000	326	30	2	0	0	0	0.291	3	6.621	0.02
200	2000	326	100	2	0	0	0	0.293	-4	6.628	0.01
200	2000	326	130	2	0	0	0	0.295	-6	6.64	0.01
200	2000	326	200	2	0	0	0	0.298	-6	6.649	0.02
200	2000	326	230	2	0	0	0	0.302	-6	6.669	0.02
200	2000	326	300	2	0	0	0	0.305	-6	6.687	0.02
200	2000	326	330	2	0	0	0	0.31	-5	6.707	0.02
200	2000	326	400	2	0	0	0	0.316	-5	6.726	0.03
200	2000	326	430	2	0	0	0	0.321	-5	6.745	0
200	2000	326	500	2	0	0	0	0.322	-3	6.753	0
200	2000	326	530	2	0	0	0	0.326	-5	6.783	0.01
200	2000	326	600	2	0	0	0	0.329	-5	6.792	0.01
200	2000	326	630	2	0	0	0	0.331	-5	6.821	0.01
200	2000	326	700	2	0	0	0	0.332	-4	6.83	0
200	2000	326	730	2	0	0	0	0.333	-4	6.84	0
200	2000	326	800	2	0	0	0	0.335	-3	6.869	0
200	2000	326	830	2	0	0	0	0.337	-3	6.889	0
200	2000	326	900	2	0	0	0	0.341	-3	6.908	0
200	2000	326	930	2	0	0	0	0.342	-4	6.936	0
200	2000	326	1000	2	0	0	0	0.341	-3	6.974	0
200	2000	326	1030	2	0	0	0	0.338	-4	7.08	0
200	2000	326	1100	2	0	0	0	0.337	-4	7.19	0
200	2000	326	1130	2	0	0	0	0.333	-5	7.3	0
200	2000	326	1200	2	0	0	0	0.349	-5	7.48	0
200	2000	326	1230	2	0	0	0	0.331	-4	7.61	0
200	2000	326	1300	2	0	0	0	0.328	-3	7.7	0
200	2000	326	1330	2	0	0	0	0.326	-4	7.93	0
200	2000	326	1400	2	0	0	0	0.325	-4	8.09	0
200	2000	326	1430	2	0	0	0	0.346	-4	8.21	0
200	2000	326	1500	2	0	0	0	0.339	-4	8.29	0
200	2000	326	1530	2	0	0	0	0.341	-4	8.39	0
200	2000	326	1600	2	0	0	0	0.337	-3	8.46	0
200	2000	326	1630	2	0	0	0	0.341	-5	8.51	0
200	2000	326	1700	2	0	0	0	0.335	-5	8.54	0
200	2000	326	1730	2	0	0	0	0.342	-3	8.53	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	326	1800	2	0	0	0	0.337	-4	8.53	0
200	2000	326	1830	2	0	0	0	0.338	-5	8.5	0
200	2000	326	1900	2	0	0	0	0.338	-5	8.49	0
200	2000	326	1930	2	0	0	0	0.338	-5	8.49	0
200	2000	326	2000	2	0	0	0	0.337	-5	8.45	0
200	2000	326	2030	2	0	0	0	0.338	-5	8.4	0
200	2000	326	2100	2	0	0	0	0.339	-4	8.34	0
200	2000	326	2130	2	0	0	0	0.338	-4	8.27	0
200	2000	326	2200	2	0	0	0	0.338	-5	8.19	0
200	2000	326	2230	2	0	0	0	0.342	-5	8.11	0
200	2000	326	2300	2	0	0	0	0.343	-4	7.99	0
200	2000	326	2330	2	0	0	0	0.347	-4	7.9	0
200	2000	326	2400	2	0	0	0	0.35	-4	7.8	0
200	2000	327	30	2	0	0	0	0.354	-5	7.71	0
200	2000	327	100	2	0	0	0	0.358	-3	7.59	0
200	2000	327	130	2	0	0	0	0.361	-5	7.48	0
200	2000	327	200	2	0	0	0	0.368	-4	7.4	0
200	2000	327	230	2	0	0	0	0.373	-4	7.28	0
200	2000	327	300	2	0	0	0	0.379	-5	7.19	0
200	2000	327	330	2	0	0	0	0.389	-4	7.09	0
200	2000	327	400	2	0	0	0	0.395	-4	6.988	0
200	2000	327	430	2	0	0	0	0.395	-5	6.904	0
200	2000	327	500	2	0	0	0	0.395	-5	6.817	0
200	2000	327	530	2	0	0	0	0.396	-5	6.71	0
200	2000	327	600	2	0	0	0	0.396	-4	6.636	0
200	2000	327	630	2	0	0	0	0.396	-4	6.551	0
200	2000	327	700	2	0	1	0	0.402	-5	6.464	0
200	2000	327	730	2	0	0	0	0.4	-5	6.379	0
200	2000	327	800	2	0	0	0	0.395	-4	6.322	0
200	2000	327	830	2	0	0	0	0.395	-4	6.256	0
200	2000	327	900	2	0	0	0	0.393	-3	6.235	0
200	2000	327	930	2	0	0	0	0.389	-4	6.236	0
200	2000	327	1000	2	0	0	0	0.388	-4	6.273	0
200	2000	327	1030	2	0	0	0	0.383	-4	6.336	0
200	2000	327	1100	2	0	0	0	0.381	-4	6.459	0
200	2000	327	1130	2	0	0	0	0.37	-3	6.62	0
200	2000	327	1200	2	0	0	0	0.36	-4	6.783	0
200	2000	327	1230	2	0	0	0	0.355	-3	6.936	0
200	2000	327	1300	2	0	0	0	0.361	-4	7.11	0
200	2000	327	1330	2	0	0	0	0.348	-3	7.28	0
200	2000	327	1400	2	0	0	0	0.346	-3	7.45	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	327	1430	2	0	0	0	0.327	-4	7.56	0
200	2000	327	1500	2	0	0	0	0.326	-4	7.63	0
200	2000	327	1530	2	0	0	0	0.332	-3	7.63	0
200	2000	327	1600	2	0	0	0	0.333	-3	7.65	0
200	2000	327	1630	2	0	0	0	0.346	-3	7.71	0
200	2000	327	1700	2	0	0	0	0.341	-3	7.78	0
200	2000	327	1730	2	0	0	0	0.338	-4	7.78	0
200	2000	327	1800	2	0	0	0	0.34	-3	7.76	0
200	2000	327	1830	2	0	0	0	0.342	-3	7.71	0
200	2000	327	1900	2	0	0	0	0.344	-3	7.64	0
200	2000	327	1930	2	0	0	0	0.347	-3	7.55	0
200	2000	327	2000	2	0	0	0	0.348	-3	7.47	0
200	2000	327	2030	2	0	0	0	0.348	-2	7.38	0
200	2000	327	2100	2	0	0	0	0.356	-3	7.26	0
200	2000	327	2130	2	0	0	0	0.357	-4	7.13	0
200	2000	327	2200	2	0	0	0	0.368	-4	7.02	0
200	2000	327	2230	2	0	0	0	0.374	-3	6.861	0
200	2000	327	2300	2	0	0	0	0.376	-4	6.738	0
200	2000	327	2330	2	0	0	0	0.375	-3	6.653	0
200	2000	327	2400	2	0	0	0	0.374	-3	6.542	0
200	2000	328	30	2	0	0	0	0.376	-3	6.445	0
200	2000	328	100	2	0	0	0	0.37	-4	6.367	0
200	2000	328	130	2	0	0	0	0.362	-3	6.275	0
200	2000	328	200	2	0	0	0	0.371	-3	6.198	0
200	2000	328	230	2	0	0	0	0.368	-4	6.122	0
200	2000	328	300	2	0	0	0	0.369	-3	6.075	0
200	2000	328	330	2	0	0	0	0.366	-4	6.017	0
200	2000	328	400	2	0	0	0	0.362	-4	5.96	0
200	2000	328	430	2	0	0	0	0.363	-4	5.912	0
200	2000	328	500	2	0	0	0	0.367	-4	5.883	0
200	2000	328	530	2	0	0	0	0.368	-4	5.863	0
200	2000	328	600	2	0	0	0	0.368	-3	5.847	0
200	2000	328	630	2	0	0	0	0.363	-3	5.853	0
200	2000	328	700	2	0	0	0	0.362	-3	5.871	0
200	2000	328	730	2	0	0	0	0.363	-4	5.88	0
200	2000	328	800	2	0	0	0	0.363	-3	5.935	0
200	2000	328	830	2	0	0	0	0.361	-3	5.983	0
200	2000	328	900	2	0	0	0	0.36	-4	6.032	0
200	2000	328	930	2	0	0	0	0.352	-3	6.097	0
200	2000	328	1000	2	0	0	0	0.341	-4	6.201	0
200	2000	328	1030	2	0	0	0	0.346	-2	6.344	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	328	1100	2	0	0	0	0.338	-3	6.525	0
200	2000	328	1130	2	0	0	0	0.336	-3	6.638	0
200	2000	328	1200	2	0	0	0	0.329	-2	6.754	0
200	2000	328	1230	2	0	0	0	0.327	-3	6.897	0
200	2000	328	1300	2	0	0	0	0.334	-2	7.03	0.05
200	2000	328	1330	2	0	0	0	0.334	-3	7.15	0.02
200	2000	328	1400	2	0	0	0	0.347	-1	7.28	0.05
200	2000	328	1430	2	0	0	0	0.361	1	7.41	0.02
200	2000	328	1500	2	0	0	0	0.371	6	7.53	0.02
200	2000	328	1530	2	0	0	0	0.373	1	7.64	0
200	2000	328	1600	2	0	0	0	0.382	2	7.71	0
200	2000	328	1630	2	0	0	0	0.385	10	7.79	0
200	2000	328	1700	2	0	0	0	0.384	23	7.86	0
200	2000	328	1730	2	0	0	0	0.386	33	7.91	0
200	2000	328	1800	2	0	0	0	0.386	30	7.94	0
200	2000	328	1830	2	0	0	0	0.391	23	7.97	0
200	2000	328	1900	2	0	0	0	0.396	18	7.98	0
200	2000	328	1930	2	0	0	0	0.398	14	7.99	0
200	2000	328	2000	2	0	1	0	0.402	11	8	0
200	2000	328	2030	2	0	1	0	0.411	7	8	0
200	2000	328	2100	2	0	2	0	0.414	6	7.99	0
200	2000	328	2130	2	0	2	0	0.419	5	7.98	0
200	2000	328	2200	2	0	2	0	0.419	4	7.97	0
200	2000	328	2230	2	0	2	0	0.422	4	7.97	0
200	2000	328	2300	2	0	2	0	0.428	3	7.95	0
200	2000	328	2330	2	0	2	0	0.432	3	7.95	0
200	2000	328	2400	2	0	2	0	0.438	2	7.95	0
200	2000	329	30	2	0	2	0	0.444	3	7.93	0
200	2000	329	100	2	0	2	0	0.45	2	7.93	0
200	2000	329	130	2	0	2	0	0.454	2	7.91	0
200	2000	329	200	2	0	2	0	0.494	2	7.89	0
200	2000	329	230	2	0	2	0	0.587	4	7.88	0
200	2000	329	300	2	0	2	0	0.616	3	7.87	0
200	2000	329	330	2	0	2	0	0.623	4	7.84	0
200	2000	329	400	2	0	2	0	0.626	5	7.8	0
200	2000	329	430	2	0	2	0	0.628	6	7.78	0
200	2000	329	500	2	0	2	0	0.629	6	7.73	0
200	2000	329	530	2	0	2	0	0.628	5	7.67	0
200	2000	329	600	2	0	2	0	0.63	6	7.58	0
200	2000	329	630	2	0	2	0	0.629	6	7.5	0
200	2000	329	700	2	0	2	0	0.63	5	7.42	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	329	730	2	0	2	0	0.624	6	7.34	0
200	2000	329	800	2	0	2	0	0.624	4	7.27	0
200	2000	329	830	2	0	2	0	0.617	4	7.21	0
200	2000	329	900	2	0	2	0	0.615	4	7.15	0
200	2000	329	930	2	0	2	0	0.61	4	7.1	0
200	2000	329	1000	2	0	2	0	0.607	5	7.11	0
200	2000	329	1030	2	0	2	0	0.6	4	7.19	0
200	2000	329	1100	2	0	2	0	0.591	6	7.28	0.01
200	2000	329	1130	2	0	2	0	0.579	6	7.41	0
200	2000	329	1200	2	0	2	0	0.572	5	7.53	0
200	2000	329	1230	2	0	2	0	0.559	6	7.67	0
200	2000	329	1300	2	0	2	0	0.551	6	7.78	0
200	2000	329	1330	2	0	2	0	0.55	5	7.89	0
200	2000	329	1400	2	1	1	1	0.545	7	7.97	0
200	2000	329	1430	2	0	1	0	0.531	7	8.03	0
200	2000	329	1500	2	0	1	0	0.525	7	8.08	0
200	2000	329	1530	2	0	1	0	0.519	6	8.09	0
200	2000	329	1600	2	0	1	0	0.518	6	8.13	0
200	2000	329	1630	2	0	1	0	0.524	8	8.13	0
200	2000	329	1700	2	0	1	0	0.517	9	8.11	0
200	2000	329	1730	2	0	1	0	0.517	7	8.08	0
200	2000	329	1800	2	0	1	0	0.513	8	8	0
200	2000	329	1830	2	0	1	0	0.512	8	7.94	0
200	2000	329	1900	2	0	1	0	0.508	8	7.89	0
200	2000	329	1930	2	0	1	0	0.507	9	7.84	0
200	2000	329	2000	2	0	1	0	0.503	10	7.78	0
200	2000	329	2030	2	0	1	0	0.501	9	7.75	0
200	2000	329	2100	2	0	1	0	0.497	10	7.69	0
200	2000	329	2130	2	0	1	0	0.496	9	7.65	0
200	2000	329	2200	2	0	1	0	0.494	10	7.63	0
200	2000	329	2230	2	0	1	0	0.496	11	7.57	0
200	2000	329	2300	2	0	1	0	0.497	12	7.54	0
200	2000	329	2330	2	0	1	0	0.496	11	7.48	0
200	2000	329	2400	2	0	1	0	0.495	12	7.42	0
200	2000	330	30	2	0	1	0	0.497	11	7.37	0
200	2000	330	100	2	0	1	0	0.492	13	7.31	0
200	2000	330	130	2	0	1	0	0.489	13	7.24	0
200	2000	330	200	2	0	1	0	0.491	11	7.14	0
200	2000	330	230	2	0	1	0	0.494	13	7.07	0
200	2000	330	300	2	0	1	0	0.498	13	6.997	0
200	2000	330	330	2	0	1	0	0.503	13	6.912	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	330	400	2	0	1	0	0.498	13	6.837	0
200	2000	330	430	2	0	1	0	0.503	14	6.753	0
200	2000	330	500	2	0	1	0	0.498	13	6.675	0
200	2000	330	530	2	0	1	0	0.497	13	6.598	0
200	2000	330	600	2	0	1	0	0.497	13	6.551	0
200	2000	330	630	2	0	1	0	0.502	13	6.465	0
200	2000	330	700	2	0	1	0	0.499	13	6.378	0
200	2000	330	730	2	0	1	0	0.499	13	6.333	0
200	2000	330	800	2	0	1	0	0.498	13	6.275	0
200	2000	330	830	2	0	1	0	0.498	14	6.247	0
200	2000	330	900	2	0	1	0	0.496	14	6.226	0
200	2000	330	930	2	0	1	0	0.493	13	6.236	0
200	2000	330	1000	2	0	1	0	0.491	14	6.285	0
200	2000	330	1030	2	0	1	0	0.485	13	6.36	0
200	2000	330	1100	2	0	1	0	0.476	13	6.46	0
200	2000	330	1130	2	0	1	0	0.462	14	6.602	0
200	2000	330	1200	2	0	1	0	0.451	14	6.756	0
200	2000	330	1230	2	0	1	0	0.451	15	6.908	0
200	2000	330	1300	2	0	1	0	0.449	14	7.08	0
200	2000	330	1330	2	0	1	0	0.444	13	7.31	0
200	2000	330	1400	2	0	1	0	0.436	15	7.45	0
200	2000	330	1430	2	0	1	0	0.435	14	7.56	0
200	2000	330	1500	2	0	1	0	0.431	14	7.63	0
200	2000	330	1530	2	0	1	0	0.429	14	7.72	0
200	2000	330	1600	2	0	1	0	0.427	14	7.78	0
200	2000	330	1630	2	0	1	0	0.425	13	7.84	0
200	2000	330	1700	2	0	1	0	0.424	15	7.86	0
200	2000	330	1730	2	0	1	0	0.423	14	7.87	0
200	2000	330	1800	2	0	1	0	0.423	15	7.85	0
200	2000	330	1830	2	0	1	0	0.422	14	7.86	0
200	2000	330	1900	2	0	1	0	0.419	14	7.85	0
200	2000	330	1930	2	0	1	0	0.418	14	7.84	0
200	2000	330	2000	2	0	1	0	0.418	14	7.8	0
200	2000	330	2030	2	0	1	0	0.418	14	7.8	0
200	2000	330	2100	2	0	1	0	0.418	15	7.79	0
200	2000	330	2130	2	0	1	0	0.418	14	7.78	0
200	2000	330	2200	2	0	1	0	0.415	14	7.77	0
200	2000	330	2230	2	0	1	0	0.413	14	7.77	0
200	2000	330	2300	2	0	1	0	0.412	15	7.79	0
200	2000	330	2330	2	0	1	0	0.412	14	7.78	0
200	2000	330	2400	2	0	1	0	0.411	15	7.78	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	331	30	2	0	1	0	0.408	16	7.79	0
200	2000	331	100	2	0	1	0	0.407	15	7.79	0
200	2000	331	130	2	0	1	0	0.406	26	7.79	0
200	2000	331	200	2	2	1	1	0.406	24	7.8	0
200	2000	331	230	2	0	2	0	0.406	0	7.84	0
200	2000	331	300	2	0	2	0	0.403	0	7.84	0
200	2000	331	330	2	0	2	0	0.4	-1	7.83	0
200	2000	331	400	2	0	0	0	0.4	0	7.83	0
200	2000	331	430	2	0	0	0	0.399	0	7.8	0
200	2000	331	500	2	0	0	0	0.399	-1	7.79	0
200	2000	331	530	2	0	0	0	0.399	0	7.8	0
200	2000	331	600	2	0	0	0	0.399	-1	7.82	0
200	2000	331	630	2	0	0	0	0.397	-1	7.81	0
200	2000	331	700	2	0	0	0	0.396	-1	7.83	0
200	2000	331	730	2	0	0	0	0.398	-1	7.83	0
200	2000	331	800	2	0	0	0	0.398	0	7.85	0
200	2000	331	830	2	0	0	0	0.398	0	7.85	0
200	2000	331	900	2	0	0	0	0.399	0	7.89	0
200	2000	331	930	2	0	0	0	0.399	0	7.92	0
200	2000	331	1000	2	0	0	0	0.399	0	7.99	0
200	2000	331	1030	2	0	0	0	0.398	0	8.04	0
200	2000	331	1100	2	0	0	0	0.391	-1	8.12	0
200	2000	331	1130	2	0	0	0	0.373	-1	8.23	0
200	2000	331	1200	2	0	0	0	0.392	0	8.38	0
200	2000	331	1230	2	0	0	0	0.391	-1	8.55	0
200	2000	331	1300	2	0	0	0	0.391	0	8.75	0
200	2000	331	1330	2	0	0	0	0.39	-1	8.92	0
200	2000	331	1400	2	0	0	0	0.391	0	9.05	0
200	2000	331	1430	2	0	0	0	0.393	0	9.15	0
200	2000	331	1500	2	0	0	0	0.397	-1	9.16	0
200	2000	331	1530	2	0	0	0	0.39	0	9.24	0
200	2000	331	1600	2	0	0	0	0.382	0	9.28	0
200	2000	331	1630	2	0	0	0	0.39	0	9.32	0
200	2000	331	1700	2	0	0	0	0.391	0	9.35	0
200	2000	331	1730	2	0	0	0	0.39	-1	9.37	0
200	2000	331	1800	2	0	0	0	0.39	0	9.36	0
200	2000	331	1830	2	0	0	0	0.389	0	9.34	0
200	2000	331	1900	2	0	0	0	0.387	0	9.31	0
200	2000	331	1930	2	0	0	0	0.387	0	9.26	0
200	2000	331	2000	2	0	0	0	0.385	0	9.22	0
200	2000	331	2030	2	0	0	0	0.383	0	9.16	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	331	2100	2	0	0	0	0.383	-1	9.11	0
200	2000	331	2130	2	0	0	0	0.382	0	9.07	0
200	2000	331	2200	2	0	0	0	0.383	0	9.02	0
200	2000	331	2230	2	0	0	0	0.383	0	8.99	0
200	2000	331	2300	2	0	0	0	0.384	-1	8.95	0
200	2000	331	2330	2	0	0	0	0.383	-1	8.95	0
200	2000	331	2400	2	0	0	0	0.382	0	8.93	0
200	2000	332	30	2	0	0	0	0.381	-1	8.93	0
200	2000	332	100	2	0	0	0	0.381	0	8.9	0
200	2000	332	130	2	0	0	0	0.38	2	8.89	0
200	2000	332	200	2	0	0	0	0.38	-2	8.89	0
200	2000	332	230	2	0	0	0	0.38	-3	8.89	0
200	2000	332	300	2	0	0	0	0.38	-1	8.87	0
200	2000	332	330	2	0	0	0	0.38	-3	8.87	0
200	2000	332	400	2	0	0	0	0.38	-2	8.87	0
200	2000	332	430	2	0	0	0	0.38	-3	8.85	0
200	2000	332	500	2	0	0	0	0.38	-3	8.85	0
200	2000	332	530	2	0	0	0	0.38	-3	8.84	0
200	2000	332	600	2	0	0	0	0.38	-3	8.83	0
200	2000	332	630	2	0	0	0	0.379	-3	8.82	0.01
200	2000	332	700	2	0	0	0	0.376	-3	8.82	0
200	2000	332	730	2	0	0	0	0.377	-3	8.82	0
200	2000	332	800	2	0	0	0	0.376	-3	8.8	0
200	2000	332	830	2	0	0	0	0.375	-3	8.81	0
200	2000	332	900	2	0	0	0	0.375	-3	8.84	0
200	2000	332	930	2	0	0	0	0.375	-3	8.87	0
200	2000	332	1000	2	0	0	0	0.375	-3	8.93	0
200	2000	332	1030	2	0	0	0	0.375	-3	9	0
200	2000	332	1100	2	0	0	0	0.377	-2	9.08	0
200	2000	332	1130	2	0	0	0	0.375	-2	9.13	0
200	2000	332	1200	2	0	0	0	0.374	-3	9.21	0
200	2000	332	1230	2	0	0	0	0.373	-2	9.27	0
200	2000	332	1300	2	0	0	0	0.373	-3	9.38	0
200	2000	332	1330	2	0	0	0	0.373	-2	9.49	0
200	2000	332	1400	2	0	0	0	0.372	-2	9.58	0
200	2000	332	1430	2	0	0	0	0.372	-3	9.66	0
200	2000	332	1500	2	0	0	0	0.367	-2	9.75	0
200	2000	332	1530	2	0	0	0	0.37	-1	9.82	0
200	2000	332	1600	2	0	0	0	0.377	-1	9.88	0
200	2000	332	1630	2	0	0	0	0.375	-2	9.89	0
200	2000	332	1700	2	0	0	0	0.367	-1	9.89	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	332	1730	2	0	0	0	0.367	-3	9.9	0
200	2000	332	1800	2	0	0	0	0.367	-2	9.89	0
200	2000	332	1830	2	0	0	0	0.366	-3	9.89	0
200	2000	332	1900	2	0	0	0	0.365	-3	9.89	0
200	2000	332	1930	2	0	0	0	0.364	0	9.87	0
200	2000	332	2000	2	0	0	0	0.362	-1	9.84	0
200	2000	332	2030	2	0	0	0	0.362	-1	9.81	0
200	2000	332	2100	2	0	0	0	0.361	-2	9.79	0
200	2000	332	2130	2	0	0	0	0.361	-1	9.73	0
200	2000	332	2200	2	0	0	0	0.361	-2	9.7	0
200	2000	332	2230	2	0	0	0	0.361	-1	9.66	0
200	2000	332	2300	2	0	0	0	0.361	-3	9.64	0
200	2000	332	2330	2	0	0	0	0.361	-3	9.61	0
200	2000	332	2400	2	0	0	0	0.36	-2	9.59	0
200	2000	333	30	2	0	0	0	0.359	0	9.55	0
200	2000	333	100	2	0	0	0	0.358	-3	9.52	0
200	2000	333	130	2	0	0	0	0.358	-3	9.49	0
200	2000	333	200	2	0	0	0	0.357	-2	9.5	0
200	2000	333	230	2	0	0	0	0.357	-1	9.46	0
200	2000	333	300	2	0	0	0	0.356	-2	9.45	0
200	2000	333	330	2	0	0	0	0.356	-1	9.43	0
200	2000	333	400	2	0	0	0	0.356	0	9.42	0
200	2000	333	430	2	0	0	0	0.355	-3	9.42	0
200	2000	333	500	2	0	0	0	0.355	-4	9.41	0
200	2000	333	530	2	0	0	0	0.355	-3	9.39	0
200	2000	333	600	2	0	0	0	0.355	-4	9.33	0
200	2000	333	630	2	0	0	0	0.348	-3	9.31	0
200	2000	333	700	2	0	0	0	0.341	-4	9.27	0
200	2000	333	730	2	0	0	0	0.337	-2	9.22	0
200	2000	333	800	2	0	0	0	0.343	-3	9.17	0
200	2000	333	830	2	0	0	0	0.348	-4	9.14	0
200	2000	333	900	2	0	0	0	0.348	-3	9.14	0
200	2000	333	930	2	0	0	0	0.348	-4	9.13	0
200	2000	333	1000	2	0	0	0	0.348	-1	9.11	0
200	2000	333	1030	2	0	0	0	0.348	-3	9.15	0
200	2000	333	1100	2	0	0	0	0.348	-3	9.23	0
200	2000	333	1130	2	0	0	0	0.345	-3	9.36	0
200	2000	333	1200	2	0	0	0	0.342	-4	9.52	0
200	2000	333	1230	2	0	0	0	0.342	-3	9.68	0.01
200	2000	333	1300	2	0	0	0	0.362	-3	9.81	0
200	2000	333	1330	2	0	0	0	0.36	-4	9.96	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	333	1400	2	0	0	0	0.322	-2	10.08	0
200	2000	333	1430	2	0	0	0	0.352	-3	10.16	0
200	2000	333	1500	2	0	0	0	0.308	-2	10.22	0
200	2000	333	1530	2	0	0	0	0.286	5	10.21	0
200	2000	333	1600	2	0	0	0	0.353	1	10.2	0
200	2000	333	1630	2	0	0	0	0.353	1	10.25	0
200	2000	333	1700	2	0	0	0	0.351	0	10.31	0
200	2000	333	1730	2	0	0	0	0.354	0	10.35	0
200	2000	333	1800	2	0	0	0	0.354	0	10.37	0
200	2000	333	1830	2	0	0	0	0.355	0	10.37	0
200	2000	333	1900	2	0	0	0	0.357	0	10.35	0
200	2000	333	1930	2	0	0	0	0.358	0	10.33	0
200	2000	333	2000	2	0	0	0	0.356	0	10.35	0
200	2000	333	2030	2	0	0	0	0.355	1	10.35	0
200	2000	333	2100	2	0	0	0	0.354	0	10.32	0
200	2000	333	2130	2	0	0	0	0.354	0	10.29	0
200	2000	333	2200	2	0	0	0	0.351	1	10.24	0
200	2000	333	2230	2	0	0	0	0.351	0	10.19	0
200	2000	333	2300	2	0	0	0	0.35	0	10.15	0
200	2000	333	2330	2	0	0	0	0.349	0	10.12	0
200	2000	333	2400	2	0	0	0	0.348	1	10.11	0
200	2000	334	30	2	0	0	0	0.347	0	10.08	0
200	2000	334	100	2	0	0	0	0.348	0	10.08	0
200	2000	334	130	2	0	0	0	0.356	0	10.08	0.06
200	2000	334	200	2	0	0	0	0.374	0	10.1	0.06
200	2000	334	230	2	0	0	0	0.393	2	10.12	0.09
200	2000	334	300	2	0	1	0	0.41	5	10.15	0.03
200	2000	334	330	2	0	1	0	0.421	4	10.15	0
200	2000	334	400	2	0	1	0	0.456	5	10.14	0.15
200	2000	334	430	2	0	1	0	0.47	36	10.12	0.03
200	2000	334	500	2	3	1	1	0.511	98	10.1	0
200	2000	334	530	2	0	1	0	0.492	93	10.09	0.01
200	2000	334	600	2	0	2	0	0.515	83	10.08	0
200	2000	334	630	2	0	2	0	0.554	65	10.03	0
200	2000	334	700	2	0	2	0	0.623	50	9.97	0
200	2000	334	730	2	4	2	1	0.675	32	9.9	0.06
200	2000	334	800	2	0	2	0	0.729	22	9.83	0
200	2000	334	830	2	5	2	1	0.807	17	9.79	0
200	2000	334	900	2	0	2	0	0.905	17	9.74	0
200	2000	334	930	2	0	2	0	1.072	36	9.7	0
200	2000	334	1000	2	6	1	1	1.076	62	9.66	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	334	1030	2	0	1	0	1.111	51	9.64	0
200	2000	334	1100	2	0	1	0	1.109	53	9.65	0
200	2000	334	1130	2	0	1	0	1.093	54	9.65	0.01
200	2000	334	1200	2	0	2	0	1.082	47	9.67	0.01
200	2000	334	1230	2	0	2	0	1.074	40	9.66	0.02
200	2000	334	1300	2	0	2	0	1.07	36	9.71	0
200	2000	334	1330	2	0	2	0	1.076	35	9.76	0
200	2000	334	1400	2	0	2	0	1.055	36	9.78	0
200	2000	334	1430	2	0	2	0	1.07	41	9.81	0
200	2000	334	1500	2	0	1	0	1.059	43	9.82	0
200	2000	334	1530	2	0	1	0	1.038	46	9.8	0
200	2000	334	1600	2	0	1	0	1.029	52	9.78	0
200	2000	334	1630	2	0	1	0	1.018	62	9.75	0
200	2000	334	1700	2	0	1	0	0.995	46	9.73	0
200	2000	334	1730	2	0	2	0	0.988	44	9.71	0
200	2000	334	1800	2	0	2	0	0.979	44	9.69	0
200	2000	334	1830	2	0	2	0	0.966	43	9.63	0.01
200	2000	334	1900	2	0	2	0	0.943	41	9.59	0
200	2000	334	1930	2	0	2	0	0.936	41	9.55	0
200	2000	334	2000	2	0	2	0	0.923	38	9.51	0
200	2000	334	2030	2	0	2	0	0.905	37	9.47	0
200	2000	334	2100	2	0	2	0	0.879	36	9.43	0
200	2000	334	2130	2	0	2	0	0.858	35	9.39	0
200	2000	334	2200	2	0	2	0	0.84	34	9.38	0.01
200	2000	334	2230	2	0	2	0	0.835	33	9.34	0.01
200	2000	334	2300	2	0	2	0	0.824	31	9.33	0
200	2000	334	2330	2	0	2	0	0.814	31	9.27	0
200	2000	334	2400	2	0	2	0	0.801	30	9.22	0
200	2000	335	30	2	7	2	1	0.798	29	9.17	0
200	2000	335	100	2	0	2	0	0.786	29	9.12	0
200	2000	335	130	2	0	2	0	0.774	29	9.1	0
200	2000	335	200	2	0	2	0	0.766	27	9.05	0
200	2000	335	230	2	0	2	0	0.755	28	9.01	0
200	2000	335	300	2	0	2	0	0.753	26	8.99	0
200	2000	335	330	2	0	2	0	0.742	27	8.95	0
200	2000	335	400	2	0	2	0	0.732	26	8.92	0
200	2000	335	430	2	0	2	0	0.724	25	8.9	0
200	2000	335	500	2	0	2	0	0.712	25	8.87	0
200	2000	335	530	2	0	2	0	0.685	24	8.84	0
200	2000	335	600	2	0	2	0	0.676	25	8.8	0
200	2000	335	630	2	0	2	0	0.667	25	8.75	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	335	700	2	0	2	0	0.676	24	8.7	0
200	2000	335	730	2	0	2	0	0.65	23	8.64	0
200	2000	335	800	2	0	2	0	0.632	24	8.59	0
200	2000	335	830	2	0	2	0	0.665	22	8.55	0
200	2000	335	900	2	0	2	0	0.708	21	8.54	0
200	2000	335	930	2	0	2	0	0.699	23	8.54	0
200	2000	335	1000	2	0	2	0	0.692	22	8.59	0
200	2000	335	1030	2	0	2	0	0.683	22	8.66	0
200	2000	335	1100	2	0	2	0	0.676	20	8.77	0
200	2000	335	1130	2	0	2	0	0.668	20	8.87	0
200	2000	335	1200	2	0	2	0	0.657	19	9.02	0
200	2000	335	1230	2	0	2	0	0.652	20	9.16	0
200	2000	335	1300	2	0	2	0	0.624	19	9.31	0
200	2000	335	1330	2	0	2	0	0.628	18	9.41	0
200	2000	335	1400	2	0	2	0	0.647	18	9.48	0
200	2000	335	1430	2	0	2	0	0.64	17	9.5	0
200	2000	335	1500	2	0	2	0	0.614	18	9.53	0
200	2000	335	1530	2	0	2	0	0.601	18	9.51	0
200	2000	335	1600	2	0	2	0	0.593	17	9.45	0
200	2000	335	1630	2	0	2	0	0.624	17	9.37	0
200	2000	335	1700	2	0	2	0	0.62	17	9.27	0
200	2000	335	1730	2	0	2	0	0.613	17	9.19	0
200	2000	335	1800	2	0	2	0	0.608	16	9.1	0
200	2000	335	1830	2	0	2	0	0.586	14	9.01	0
200	2000	335	1900	2	0	2	0	0.586	16	8.94	0
200	2000	335	1930	2	0	2	0	0.586	14	8.86	0
200	2000	335	2000	2	0	2	0	0.584	14	8.77	0
200	2000	335	2030	2	0	2	0	0.577	14	8.7	0
200	2000	335	2100	2	0	2	0	0.563	14	8.61	0
200	2000	335	2130	2	0	2	0	0.573	15	8.55	0
200	2000	335	2200	2	0	2	0	0.573	14	8.49	0
200	2000	335	2230	2	0	2	0	0.574	15	8.43	0
200	2000	335	2300	2	0	2	0	0.569	14	8.36	0
200	2000	335	2330	2	0	2	0	0.558	12	8.31	0
200	2000	335	2400	2	0	2	0	0.543	13	8.25	0
200	2000	336	30	2	0	2	0	0.56	13	8.19	0
200	2000	336	100	2	0	2	0	0.555	12	8.11	0
200	2000	336	130	2	0	2	0	0.552	13	8.05	0
200	2000	336	200	2	0	2	0	0.548	12	8	0
200	2000	336	230	2	0	2	0	0.547	12	7.93	0
200	2000	336	300	2	0	2	0	0.547	12	7.85	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	336	330	2	0	2	0	0.545	12	7.78	0
200	2000	336	400	2	0	2	0	0.543	11	7.71	0
200	2000	336	430	2	0	2	0	0.542	13	7.65	0
200	2000	336	500	2	0	2	0	0.546	11	7.59	0
200	2000	336	530	2	0	2	0	0.543	12	7.5	0
200	2000	336	600	2	0	2	0	0.542	11	7.45	0
200	2000	336	630	2	0	2	0	0.542	11	7.39	0
200	2000	336	700	2	0	2	0	0.541	12	7.34	0
200	2000	336	730	2	0	2	0	0.537	12	7.26	0
200	2000	336	800	2	0	2	0	0.533	11	7.2	0
200	2000	336	830	2	0	2	0	0.532	10	7.16	0
200	2000	336	900	2	0	2	0	0.528	11	7.12	0
200	2000	336	930	2	0	2	0	0.528	10	7.1	0
200	2000	336	1000	2	0	2	0	0.521	12	7.11	0
200	2000	336	1030	2	0	2	0	0.511	10	7.18	0
200	2000	336	1100	2	0	2	0	0.501	10	7.27	0
200	2000	336	1130	2	0	2	0	0.489	10	7.43	0
200	2000	336	1200	2	0	2	0	0.484	10	7.61	0
200	2000	336	1230	2	0	2	0	0.477	10	7.84	0
200	2000	336	1300	2	0	2	0	0.464	9	8.06	0
200	2000	336	1330	2	0	2	0	0.496	9	8.3	0
200	2000	336	1400	2	0	2	0	0.456	9	8.43	0
200	2000	336	1430	2	0	2	0	0.494	10	8.53	0
200	2000	336	1500	2	0	2	0	0.467	10	8.61	0
200	2000	336	1530	2	0	2	0	0.468	10	8.61	0
200	2000	336	1600	2	0	2	0	0.491	9	8.56	0
200	2000	336	1630	2	0	2	0	0.486	9	8.48	0
200	2000	336	1700	2	0	2	0	0.483	9	8.41	0
200	2000	336	1730	2	0	2	0	0.48	8	8.32	0
200	2000	336	1800	2	0	2	0	0.464	9	8.22	0
200	2000	336	1830	2	0	2	0	0.401	10	8.12	0
200	2000	336	1900	2	0	2	0	0.46	8	8.05	0
200	2000	336	1930	2	0	2	0	0.452	9	7.96	0
200	2000	336	2000	2	0	2	0	0.47	9	7.9	0
200	2000	336	2030	2	0	2	0	0.474	9	7.81	0
200	2000	336	2100	2	0	2	0	0.462	9	7.73	0
200	2000	336	2130	2	0	2	0	0.464	9	7.65	0
200	2000	336	2200	2	0	2	0	0.461	9	7.58	0
200	2000	336	2230	2	0	2	0	0.465	8	7.52	0
200	2000	336	2300	2	0	2	0	0.465	9	7.47	0
200	2000	336	2330	2	0	2	0	0.465	9	7.42	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	336	2400	2	0	2	0	0.465	8	7.39	0
200	2000	337	30	2	0	2	0	0.465	9	7.33	0
200	2000	337	100	2	0	2	0	0.462	9	7.3	0
200	2000	337	130	2	0	2	0	0.461	7	7.27	0
200	2000	337	200	2	0	2	0	0.46	8	7.26	0
200	2000	337	230	2	0	2	0	0.459	8	7.26	0
200	2000	337	300	2	0	2	0	0.458	9	7.23	0
200	2000	337	330	2	0	2	0	0.454	8	7.24	0
200	2000	337	400	2	0	2	0	0.45	8	7.24	0
200	2000	337	430	2	0	2	0	0.449	9	7.24	0
200	2000	337	500	2	0	2	0	0.452	10	7.26	0
200	2000	337	530	2	0	2	0	0.451	9	7.29	0
200	2000	337	600	2	0	2	0	0.449	10	7.32	0
200	2000	337	630	2	0	2	0	0.446	10	7.35	0
200	2000	337	700	2	0	2	0	0.445	9	7.39	0
200	2000	337	730	2	0	2	0	0.444	11	7.41	0
200	2000	337	800	2	0	2	0	0.441	9	7.42	0
200	2000	337	830	2	0	2	0	0.439	10	7.45	0
200	2000	337	900	2	0	2	0	0.436	10	7.51	0
200	2000	337	930	2	0	2	0	0.432	9	7.6	0
200	2000	337	1000	2	0	2	0	0.424	9	7.67	0
200	2000	337	1030	2	0	2	0	0.42	10	7.72	0
200	2000	337	1100	2	0	2	0	0.412	9	7.85	0
200	2000	337	1130	2	0	2	0	0.407	9	8	0
200	2000	337	1200	2	0	2	0	0.406	9	8.17	0
200	2000	337	1230	2	0	2	0	0.404	9	8.31	0
200	2000	337	1300	2	0	0	0	0.388	9	8.51	0
200	2000	337	1330	2	0	0	0	0.381	9	8.73	0
200	2000	337	1400	2	0	1	0	0.417	9	8.9	0
200	2000	337	1430	2	0	1	0	0.413	10	8.98	0
200	2000	337	1500	2	0	1	0	0.408	10	9.07	0
200	2000	337	1530	2	0	1	0	0.408	10	9.15	0
200	2000	337	1600	2	0	1	0	0.405	8	9.16	0
200	2000	337	1630	2	0	1	0	0.402	7	9.13	0
200	2000	337	1700	2	0	1	0	0.403	8	9.05	0
200	2000	337	1730	2	0	0	0	0.399	6	8.98	0
200	2000	337	1800	2	0	0	0	0.397	6	8.87	0
200	2000	337	1830	2	0	0	0	0.397	7	8.75	0
200	2000	337	1900	2	0	0	0	0.394	7	8.64	0
200	2000	337	1930	2	0	0	0	0.393	7	8.53	0
200	2000	337	2000	2	0	0	0	0.397	6	8.43	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	337	2030	2	0	0	0	0.395	7	8.33	0
200	2000	337	2100	2	0	0	0	0.394	6	8.25	0
200	2000	337	2130	2	0	0	0	0.393	6	8.16	0
200	2000	337	2200	2	0	0	0	0.394	5	8.06	0
200	2000	337	2230	2	0	0	0	0.393	7	7.99	0
200	2000	337	2300	2	0	0	0	0.392	8	7.9	0
200	2000	337	2330	2	0	0	0	0.389	7	7.81	0
200	2000	337	2400	2	0	0	0	0.389	6	7.74	0
200	2000	338	30	2	0	0	0	0.389	5	7.65	0
200	2000	338	100	2	0	0	0	0.388	5	7.58	0
200	2000	338	130	2	0	0	0	0.386	5	7.51	0
200	2000	338	200	2	0	0	0	0.382	5	7.45	0
200	2000	338	230	2	0	0	0	0.382	6	7.36	0
200	2000	338	300	2	0	0	0	0.383	6	7.31	0
200	2000	338	330	2	0	0	0	0.382	5	7.25	0
200	2000	338	400	2	0	0	0	0.382	5	7.19	0
200	2000	338	430	2	0	0	0	0.384	6	7.11	0
200	2000	338	500	2	0	0	0	0.388	5	7.06	0
200	2000	338	530	2	0	0	0	0.39	5	7.04	0
200	2000	338	600	2	0	0	0	0.395	6	7.02	0
200	2000	338	630	2	0	1	0	0.4	5	7.01	0
200	2000	338	700	2	0	0	0	0.396	6	7.01	0
200	2000	338	730	2	0	0	0	0.394	5	6.996	0
200	2000	338	800	2	0	0	0	0.389	6	6.977	0
200	2000	338	830	2	0	0	0	0.39	7	6.97	0
200	2000	338	900	2	0	0	0	0.389	5	7.01	0
200	2000	338	930	2	0	0	0	0.388	5	7.04	0
200	2000	338	1000	2	0	0	0	0.388	5	7.1	0
200	2000	338	1030	2	0	0	0	0.386	7	7.2	0
200	2000	338	1100	2	0	0	0	0.382	6	7.27	0
200	2000	338	1130	2	0	0	0	0.375	6	7.4	0
200	2000	338	1200	2	0	0	0	0.37	5	7.58	0
200	2000	338	1230	2	0	0	0	0.368	6	7.73	0
200	2000	338	1300	2	0	0	0	0.368	5	7.91	0
200	2000	338	1330	2	0	0	0	0.367	5	8.09	0
200	2000	338	1400	2	0	0	0	0.364	6	8.27	0
200	2000	338	1430	2	0	0	0	0.36	6	8.37	0
200	2000	338	1500	2	0	0	0	0.371	6	8.5	0
200	2000	338	1530	2	0	0	0	0.372	7	8.58	0
200	2000	338	1600	2	0	0	0	0.371	6	8.65	0
200	2000	338	1630	2	0	0	0	0.368	6	8.72	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	338	1700	2	0	0	0	0.367	6	8.69	0
200	2000	338	1730	2	0	0	0	0.367	5	8.64	0
200	2000	338	1800	2	0	0	0	0.364	6	8.59	0
200	2000	338	1830	2	0	0	0	0.367	6	8.49	0
200	2000	338	1900	2	0	0	0	0.365	5	8.4	0
200	2000	338	1930	2	0	0	0	0.362	5	8.31	0
200	2000	338	2000	2	0	0	0	0.363	5	8.18	0
200	2000	338	2030	2	0	0	0	0.363	5	8.1	0
200	2000	338	2100	2	0	0	0	0.363	6	8.02	0
200	2000	338	2130	2	0	0	0	0.363	6	7.97	0
200	2000	338	2200	2	0	0	0	0.364	6	7.91	0
200	2000	338	2230	2	0	0	0	0.363	6	7.86	0
200	2000	338	2300	2	0	0	0	0.364	7	7.78	0
200	2000	338	2330	2	0	0	0	0.369	5	7.72	0
200	2000	338	2400	2	0	0	0	0.372	6	7.69	0
200	2000	339	30	2	0	0	0	0.371	6	7.63	0
200	2000	339	100	2	0	0	0	0.374	7	7.56	0
200	2000	339	130	2	0	0	0	0.375	5	7.5	0
200	2000	339	200	2	0	0	0	0.375	5	7.46	0
200	2000	339	230	2	0	0	0	0.379	5	7.4	0
200	2000	339	300	2	0	0	0	0.38	5	7.34	0
200	2000	339	330	2	0	0	0	0.377	4	7.26	0
200	2000	339	400	2	0	0	0	0.381	5	7.21	0
200	2000	339	430	2	0	0	0	0.38	6	7.16	0
200	2000	339	500	2	0	0	0	0.382	5	7.1	0
200	2000	339	530	2	0	0	0	0.387	5	7.05	0
200	2000	339	600	2	0	0	0	0.389	5	6.979	0
200	2000	339	630	2	0	0	0	0.391	5	6.923	0
200	2000	339	700	2	0	0	0	0.39	5	6.865	0
200	2000	339	730	2	0	0	0	0.393	4	6.787	0
200	2000	339	800	2	0	0	0	0.395	5	6.74	0
200	2000	339	830	2	0	0	0	0.395	5	6.694	0
200	2000	339	900	2	0	0	0	0.395	6	6.671	0
200	2000	339	930	2	0	0	0	0.395	5	6.656	0
200	2000	339	1000	2	0	0	0	0.395	5	6.661	0
200	2000	339	1030	2	0	0	0	0.395	5	6.702	0
200	2000	339	1100	2	0	0	0	0.389	5	6.777	0
200	2000	339	1130	2	0	0	0	0.382	5	6.929	0
200	2000	339	1200	2	0	0	0	0.374	5	7.13	0
200	2000	339	1230	2	0	0	0	0.349	6	7.32	0
200	2000	339	1300	2	0	0	0	0.336	5	7.51	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	339	1330	2	0	0	0	0.329	6	7.7	0
200	2000	339	1400	2	0	0	0	0.322	6	7.89	0
200	2000	339	1430	2	0	0	0	0.341	5	8.01	0
200	2000	339	1500	2	0	0	0	0.341	7	8.09	0
200	2000	339	1530	2	0	0	0	0.335	6	8.17	0
200	2000	339	1600	2	0	0	0	0.33	6	8.24	0
200	2000	339	1630	2	0	0	0	0.333	5	8.3	0
200	2000	339	1700	2	0	0	0	0.34	6	8.32	0
200	2000	339	1730	2	0	0	0	0.341	7	8.3	0
200	2000	339	1800	2	0	0	0	0.341	6	8.22	0
200	2000	339	1830	2	0	0	0	0.341	6	8.19	0
200	2000	339	1900	2	0	0	0	0.342	5	8.12	0
200	2000	339	1930	2	0	0	0	0.343	5	8.01	0
200	2000	339	2000	2	0	0	0	0.348	6	7.9	0
200	2000	339	2030	2	0	0	0	0.352	6	7.77	0
200	2000	339	2100	2	0	0	0	0.357	5	7.65	0
200	2000	339	2130	2	0	0	0	0.363	5	7.54	0
200	2000	339	2200	2	0	0	0	0.368	6	7.42	0
200	2000	339	2230	2	0	0	0	0.372	4	7.32	0
200	2000	339	2300	2	0	0	0	0.376	5	7.24	0
200	2000	339	2330	2	0	0	0	0.377	5	7.15	0
200	2000	339	2400	2	0	0	0	0.376	5	7.05	0
200	2000	340	30	2	0	0	0	0.376	4	6.968	0
200	2000	340	100	2	0	0	0	0.376	5	6.891	0
200	2000	340	130	2	0	0	0	0.375	5	6.818	0
200	2000	340	200	2	0	0	0	0.378	4	6.722	0
200	2000	340	230	2	0	0	0	0.38	5	6.646	0
200	2000	340	300	2	0	0	0	0.38	6	6.559	0
200	2000	340	330	2	0	0	0	0.382	5	6.464	0
200	2000	340	400	2	0	0	0	0.381	5	6.406	0
200	2000	340	430	2	0	0	0	0.381	5	6.331	0
200	2000	340	500	2	0	0	0	0.381	8	6.246	0
200	2000	340	530	2	0	0	0	0.38	6	6.178	0
200	2000	340	600	2	0	0	0	0.379	6	6.112	0
200	2000	340	630	2	0	0	0	0.377	6	6.037	0
200	2000	340	700	2	0	0	0	0.379	6	5.96	0
200	2000	340	730	2	0	0	0	0.377	6	5.903	0
200	2000	340	800	2	0	0	0	0.376	6	5.864	0
200	2000	340	830	2	0	0	0	0.376	6	5.798	0
200	2000	340	900	2	0	0	0	0.375	5	5.751	0
200	2000	340	930	2	0	0	0	0.374	5	5.722	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	340	1000	2	0	0	0	0.373	5	5.721	0
200	2000	340	1030	2	0	0	0	0.37	5	5.741	0
200	2000	340	1100	2	0	0	0	0.37	6	5.817	0
200	2000	340	1130	2	0	0	0	0.368	5	5.968	0
200	2000	340	1200	2	0	0	0	0.362	5	6.213	0
200	2000	340	1230	2	0	0	0	0.356	6	6.422	0
200	2000	340	1300	2	0	0	0	0.336	6	6.613	0
200	2000	340	1330	2	0	0	0	0.342	8	6.832	0
200	2000	340	1400	2	0	0	0	0.323	7	7.02	0
200	2000	340	1430	2	0	0	0	0.325	6	7.16	0
200	2000	340	1500	2	0	0	0	0.327	8	7.25	0
200	2000	340	1530	2	0	0	0	0.334	8	7.31	0
200	2000	340	1600	2	0	0	0	0.334	6	7.38	0
200	2000	340	1630	2	0	0	0	0.332	6	7.47	0
200	2000	340	1700	2	0	0	0	0.302	7	7.53	0
200	2000	340	1730	2	0	0	0	0.316	6	7.57	0
200	2000	340	1800	2	0	0	0	0.308	6	7.56	0
200	2000	340	1830	2	0	0	0	0.274	10	7.53	0
200	2000	340	1900	2	0	0	0	0.272	7	7.49	0
200	2000	340	1930	2	0	0	0	0.267	7	7.44	0
200	2000	340	2000	2	0	0	0	0.269	6	7.38	0
200	2000	340	2030	2	0	0	0	0.268	8	7.31	0
200	2000	340	2100	2	0	0	0	0.271	7	7.2	0
200	2000	340	2130	2	0	0	0	0.271	6	7.09	0
200	2000	340	2200	2	0	0	0	0.271	6	6.975	0
200	2000	340	2230	2	0	0	0	0.273	6	6.88	0
200	2000	340	2300	2	0	0	0	0.28	6	6.794	0
200	2000	340	2330	2	0	0	0	0.281	7	6.7	0
200	2000	340	2400	2	0	0	0	0.275	6	6.604	0
200	2000	341	30	2	0	0	0	0.344	7	6.536	0
200	2000	341	100	2	0	0	0	0.357	8	6.451	0
200	2000	341	130	2	0	0	0	0.361	6	6.396	0
200	2000	341	200	2	0	0	0	0.36	6	6.319	0
200	2000	341	230	2	0	0	0	0.36	7	6.253	0
200	2000	341	300	2	0	0	0	0.363	6	6.175	0
200	2000	341	330	2	0	0	0	0.363	7	6.129	0
200	2000	341	400	2	0	0	0	0.363	6	6.063	0
200	2000	341	430	2	0	0	0	0.363	6	6.005	0
200	2000	341	500	2	0	0	0	0.363	8	5.929	0
200	2000	341	530	2	0	0	0	0.363	6	5.873	0
200	2000	341	600	2	0	0	0	0.363	7	5.824	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	341	630	2	0	0	0	0.363	7	5.758	0
200	2000	341	700	2	0	0	0	0.362	7	5.712	0
200	2000	341	730	2	0	0	0	0.361	7	5.635	0
200	2000	341	800	2	0	0	0	0.361	6	5.588	0
200	2000	341	830	2	0	0	0	0.361	6	5.55	0
200	2000	341	900	2	0	0	0	0.36	6	5.522	0
200	2000	341	930	2	0	0	0	0.357	8	5.511	0
200	2000	341	1000	2	0	0	0	0.357	7	5.531	0
200	2000	341	1030	2	0	0	0	0.357	7	5.559	0
200	2000	341	1100	2	0	0	0	0.355	7	5.633	0
200	2000	341	1130	2	0	0	0	0.352	8	5.774	0
200	2000	341	1200	2	0	0	0	0.349	7	6.012	0
200	2000	341	1230	2	0	0	0	0.344	8	6.153	0
200	2000	341	1300	2	0	0	0	0.267	8	6.268	0
200	2000	341	1330	2	0	0	0	0.297	8	6.42	0
200	2000	341	1400	2	0	0	0	0.293	8	6.619	0
200	2000	341	1430	2	0	0	0	0.308	8	6.83	0
200	2000	341	1500	2	0	0	0	0.321	8	6.884	0
200	2000	341	1530	2	0	0	0	0.317	7	6.952	0
200	2000	341	1600	2	0	0	0	0.314	8	7.06	0
200	2000	341	1630	2	0	0	0	0.311	8	7.18	0
200	2000	341	1700	2	0	0	0	0.314	8	7.24	0
200	2000	341	1730	2	0	0	0	0.314	9	7.29	0
200	2000	341	1800	2	0	0	0	0.315	7	7.31	0
200	2000	341	1830	2	0	0	0	0.316	8	7.35	0
200	2000	341	1900	2	0	0	0	0.321	8	7.34	0
200	2000	341	1930	2	0	0	0	0.324	8	7.33	0
200	2000	341	2000	2	0	0	0	0.323	8	7.31	0
200	2000	341	2030	2	0	0	0	0.325	8	7.28	0
200	2000	341	2100	2	0	0	0	0.325	7	7.25	0
200	2000	341	2130	2	0	0	0	0.329	8	7.21	0
200	2000	341	2200	2	0	0	0	0.329	9	7.16	0
200	2000	341	2230	2	0	0	0	0.332	8	7.12	0
200	2000	341	2300	2	0	0	0	0.332	9	7.09	0
200	2000	341	2330	2	0	0	0	0.331	8	7.04	0
200	2000	341	2400	2	0	0	0	0.327	8	7.01	0
200	2000	342	30	2	0	0	0	0.325	7	7	0
200	2000	342	100	2	0	0	0	0.325	7	6.975	0
200	2000	342	130	2	0	0	0	0.326	8	6.956	0
200	2000	342	200	2	0	0	0	0.326	8	6.955	0
200	2000	342	230	2	0	0	0	0.323	8	6.947	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	342	300	2	0	0	0	0.323	8	6.937	0
200	2000	342	330	2	0	0	0	0.318	9	6.937	0
200	2000	342	400	2	0	0	0	0.318	16	6.936	0
200	2000	342	430	2	0	0	0	0.317	8	6.946	0
200	2000	342	500	2	0	0	0	0.317	8	6.938	0
200	2000	342	530	2	0	0	0	0.317	7	6.966	0
200	2000	342	600	2	0	0	0	0.315	7	6.974	0
200	2000	342	630	2	0	0	0	0.315	8	6.985	0
200	2000	342	700	2	0	0	0	0.316	8	7.01	0
200	2000	342	730	2	0	0	0	0.316	8	7.02	0
200	2000	342	800	2	0	0	0	0.315	8	7.05	0
200	2000	342	830	2	0	0	0	0.315	9	7.07	0
200	2000	342	900	2	0	0	0	0.314	9	7.1	0
200	2000	342	930	2	0	0	0	0.311	9	7.13	0
200	2000	342	1000	2	0	0	0	0.309	8	7.19	0
200	2000	342	1030	2	0	0	0	0.305	8	7.27	0
200	2000	342	1100	2	0	0	0	0.304	9	7.37	0
200	2000	342	1130	2	0	0	0	0.302	8	7.5	0
200	2000	342	1200	2	0	0	0	0.302	8	7.66	0
200	2000	342	1230	2	0	0	0	0.303	9	7.82	0
200	2000	342	1300	2	0	0	0	0.303	8	8.01	0
200	2000	342	1330	2	0	0	0	0.303	8	8.22	0
200	2000	342	1400	2	0	0	0	0.303	8	8.34	0
200	2000	342	1430	2	0	0	0	0.302	8	8.45	0
200	2000	342	1500	2	0	0	0	0.302	8	8.53	0
200	2000	342	1530	2	0	0	0	0.302	9	8.59	0
200	2000	342	1600	2	0	0	0	0.301	9	8.65	0
200	2000	342	1630	2	0	0	0	0.301	9	8.68	0
200	2000	342	1700	2	0	0	0	0.301	9	8.7	0
200	2000	342	1730	2	0	0	0	0.301	9	8.73	0
200	2000	342	1800	2	0	0	0	0.302	8	8.72	0
200	2000	342	1830	2	0	0	0	0.301	9	8.75	0
200	2000	342	1900	2	0	0	0	0.301	8	8.73	0
200	2000	342	1930	2	0	0	0	0.3	10	8.72	0
200	2000	342	2000	2	0	0	0	0.299	8	8.72	0
200	2000	342	2030	2	0	0	0	0.299	9	8.68	0
200	2000	342	2100	2	0	0	0	0.299	9	8.66	0
200	2000	342	2130	2	0	0	0	0.299	8	8.64	0
200	2000	342	2200	2	0	0	0	0.299	9	8.59	0
200	2000	342	2230	2	0	0	0	0.298	10	8.55	0
200	2000	342	2300	2	0	0	0	0.298	9	8.49	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	342	2330	2	0	0	0	0.298	9	8.46	0
200	2000	342	2400	2	0	0	0	0.298	9	8.42	0
200	2000	343	30	2	0	0	0	0.298	9	8.39	0
200	2000	343	100	2	0	0	0	0.297	8	8.34	0
200	2000	343	130	2	0	0	0	0.297	8	8.28	0
200	2000	343	200	2	0	0	0	0.297	9	8.26	0
200	2000	343	230	2	0	0	0	0.297	9	8.22	0
200	2000	343	300	2	0	0	0	0.297	9	8.16	0
200	2000	343	330	2	0	0	0	0.297	8	8.14	0
200	2000	343	400	2	0	0	0	0.297	9	8.1	0
200	2000	343	430	2	0	0	0	0.297	11	8.06	0
200	2000	343	500	2	0	0	0	0.297	15	8.02	0
200	2000	343	530	2	0	0	0	0.297	12	7.97	0
200	2000	343	600	2	0	0	0	0.297	8	7.92	0
200	2000	343	630	2	0	0	0	0.296	9	7.85	0
200	2000	343	700	2	0	0	0	0.297	8	7.79	0
200	2000	343	730	2	0	0	0	0.296	9	7.71	0
200	2000	343	800	2	0	0	0	0.296	7	7.66	0
200	2000	343	830	2	0	0	0	0.296	7	7.61	0
200	2000	343	900	2	0	0	0	0.295	7	7.59	0
200	2000	343	930	2	0	0	0	0.296	7	7.57	0
200	2000	343	1000	2	0	0	0	0.296	7	7.59	0
200	2000	343	1030	2	0	0	0	0.296	7	7.6	0
200	2000	343	1100	2	0	0	0	0.295	7	7.6	0
200	2000	343	1130	2	0	0	0	0.294	8	7.69	0
200	2000	343	1200	2	0	0	0	0.293	9	7.88	0
200	2000	343	1230	2	0	0	0	0.293	8	8.08	0
200	2000	343	1300	2	0	0	0	0.295	8	8.3	0
200	2000	343	1330	2	0	0	0	0.293	8	8.45	0
200	2000	343	1400	2	0	0	0	0.295	9	8.54	0
200	2000	343	1430	2	0	0	0	0.295	9	8.6	0
200	2000	343	1500	2	0	0	0	0.295	8	8.7	0
200	2000	343	1530	2	0	0	0	0.294	9	8.76	0
200	2000	343	1600	2	0	0	0	0.295	9	8.81	0
200	2000	343	1630	2	0	0	0	0.295	9	8.85	0
200	2000	343	1700	2	0	0	0	0.295	9	8.91	0
200	2000	343	1730	2	0	0	0	0.294	9	8.95	0
200	2000	343	1800	2	0	0	0	0.293	9	9.03	0
200	2000	343	1830	2	0	0	0	0.292	9	9.07	0
200	2000	343	1900	2	0	0	0	0.292	9	9.11	0
200	2000	343	1930	2	0	0	0	0.292	9	9.12	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	343	2000	2	0	0	0	0.292	8	9.13	0
200	2000	343	2030	2	0	0	0	0.292	8	9.14	0
200	2000	343	2100	2	0	0	0	0.291	9	9.13	0
200	2000	343	2130	2	0	0	0	0.291	8	9.13	0
200	2000	343	2200	2	0	0	0	0.291	8	9.12	0
200	2000	343	2230	2	0	0	0	0.292	9	9.11	0
200	2000	343	2300	2	0	0	0	0.291	9	9.08	0
200	2000	343	2330	2	0	0	0	0.291	9	9.08	0
200	2000	343	2400	2	0	0	0	0.291	9	9.03	0
200	2000	344	30	2	0	0	0	0.291	10	9.05	0
200	2000	344	100	2	0	0	0	0.291	9	9.03	0
200	2000	344	130	2	0	0	0	0.291	10	9.01	0
200	2000	344	200	2	0	0	0	0.291	10	9	0
200	2000	344	230	2	0	0	0	0.291	9	8.99	0
200	2000	344	300	2	0	0	0	0.291	10	8.98	0
200	2000	344	330	2	0	0	0	0.291	9	8.97	0
200	2000	344	400	2	0	0	0	0.29	10	8.96	0
200	2000	344	430	2	0	0	0	0.291	9	8.95	0
200	2000	344	500	2	0	0	0	0.291	9	8.94	0
200	2000	344	530	2	0	0	0	0.291	10	8.94	0
200	2000	344	600	2	0	0	0	0.291	10	8.93	0
200	2000	344	630	2	0	0	0	0.291	9	8.94	0
200	2000	344	700	2	0	0	0	0.291	10	8.93	0
200	2000	344	730	2	0	0	0	0.291	9	8.93	0
200	2000	344	800	2	0	0	0	0.291	10	8.93	0
200	2000	344	830	2	0	0	0	0.291	10	8.93	0
200	2000	344	900	2	0	0	0	0.291	10	8.93	0
200	2000	344	930	2	0	0	0	0.291	10	8.96	0
200	2000	344	1000	2	0	0	0	0.291	10	8.96	0
200	2000	344	1030	2	0	0	0	0.29	10	9	0
200	2000	344	1100	2	0	0	0	0.288	10	9.04	0
200	2000	344	1130	2	0	0	0	0.289	10	9.08	0
200	2000	344	1230	2	0	0	0	0.285	1	9.16	0
200	2000	344	1300	2	0	0	0	0.285	2	9.21	0
200	2000	344	1330	2	0	0	0	0.284	1	9.23	0
200	2000	344	1400	2	0	0	0	0.284	1	9.27	0
200	2000	344	1430	2	0	0	0	0.277	2	9.29	0
200	2000	344	1500	2	0	0	0	0.277	1	9.29	0
200	2000	344	1530	2	0	0	0	0.278	3	9.31	0.01
200	2000	344	1600	2	0	0	0	0.277	2	9.33	0
200	2000	344	1630	2	0	0	0	0.277	2	9.32	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	344	1700	2	0	0	0	0.275	3	9.33	0
200	2000	344	1730	2	0	0	0	0.276	1	9.33	0
200	2000	344	1800	2	0	0	0	0.273	2	9.31	0
200	2000	344	1830	2	0	0	0	0.273	2	9.3	0
200	2000	344	1900	2	0	0	0	0.272	2	9.29	0.01
200	2000	344	1930	2	0	0	0	0.272	1	9.29	0.01
200	2000	344	2000	2	0	0	0	0.272	1	9.28	0
200	2000	344	2030	2	0	0	0	0.271	1	9.27	0.01
200	2000	344	2100	2	0	0	0	0.267	3	9.25	0
200	2000	344	2130	2	0	0	0	0.271	2	9.24	0
200	2000	344	2200	2	0	0	0	0.274	2	9.21	0
200	2000	344	2230	2	0	0	0	0.278	1	9.18	0
200	2000	344	2300	2	0	0	0	0.278	2	9.18	0
200	2000	344	2330	2	0	0	0	0.278	2	9.15	0
200	2000	344	2400	2	0	0	0	0.278	3	9.12	0
200	2000	345	30	2	0	0	0	0.278	2	9.12	0
200	2000	345	100	2	0	0	0	0.278	2	9.1	0
200	2000	345	130	2	0	0	0	0.278	3	9.08	0
200	2000	345	200	2	0	0	0	0.278	2	9.05	0
200	2000	345	230	2	0	0	0	0.278	1	9.03	0
200	2000	345	300	2	0	0	0	0.278	2	9.03	0
200	2000	345	330	2	0	0	0	0.278	2	8.99	0
200	2000	345	400	2	0	0	0	0.277	2	8.94	0
200	2000	345	430	2	0	0	0	0.276	2	8.91	0
200	2000	345	500	2	0	0	0	0.274	3	8.89	0
200	2000	345	530	2	0	0	0	0.274	2	8.85	0
200	2000	345	600	2	0	0	0	0.274	2	8.8	0
200	2000	345	630	2	0	0	0	0.278	1	8.78	0
200	2000	345	700	2	0	0	0	0.281	2	8.75	0
200	2000	345	730	2	0	0	0	0.283	3	8.73	0
200	2000	345	800	2	0	0	0	0.284	2	8.7	0
200	2000	345	830	2	0	0	0	0.285	2	8.69	0
200	2000	345	900	2	0	0	0	0.284	1	8.69	0
200	2000	345	930	2	0	0	0	0.284	3	8.71	0
200	2000	345	1000	2	0	0	0	0.284	1	8.75	0
200	2000	345	1030	2	0	0	0	0.281	1	8.83	0
200	2000	345	1100	2	0	0	0	0.272	2	8.87	0
200	2000	345	1130	2	0	0	0	0.271	1	8.89	0
200	2000	345	1200	2	0	0	0	0.271	2	9.01	0
200	2000	345	1230	2	0	0	0	0.271	1	9.18	0
200	2000	345	1300	2	0	0	0	0.291	1	9.3	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	345	1330	2	0	0	0	0.241	3	9.38	0
200	2000	345	1400	2	0	0	0	0.244	1	9.48	0
200	2000	345	1430	2	0	0	0	0.235	2	9.52	0
200	2000	345	1500	2	0	0	0	0.236	3	9.55	0
200	2000	345	1530	2	0	0	0	0.236	2	9.53	0
200	2000	345	1600	2	0	0	0	0.236	2	9.54	0
200	2000	345	1630	2	0	0	0	0.237	2	9.51	0
200	2000	345	1700	2	0	0	0	0.242	1	9.44	0
200	2000	345	1730	2	0	0	0	0.271	2	9.36	0
200	2000	345	1800	2	0	0	0	0.284	1	9.26	0
200	2000	345	1830	2	0	0	0	0.282	3	9.19	0
200	2000	345	1900	2	0	0	0	0.286	1	9.1	0
200	2000	345	1930	2	0	0	0	0.282	2	9.01	0
200	2000	345	2000	2	0	0	0	0.285	1	8.89	0
200	2000	345	2030	2	0	0	0	0.286	1	8.78	0
200	2000	345	2100	2	0	0	0	0.273	1	8.65	0
200	2000	345	2130	2	0	0	0	0.286	1	8.51	0
200	2000	345	2200	2	0	0	0	0.281	1	8.39	0
200	2000	345	2230	2	0	0	0	0.293	1	8.25	0
200	2000	345	2300	2	0	0	0	0.294	1	8.12	0
200	2000	345	2330	2	0	0	0	0.298	2	8.01	0
200	2000	345	2400	2	0	0	0	0.296	1	7.87	0
200	2000	346	30	2	0	0	0	0.299	1	7.76	0
200	2000	346	100	2	0	0	0	0.299	2	7.65	0
200	2000	346	130	2	0	0	0	0.298	1	7.58	0
200	2000	346	200	2	0	0	0	0.301	1	7.51	0
200	2000	346	230	2	0	0	0	0.3	1	7.43	0
200	2000	346	300	2	0	0	0	0.299	1	7.38	0
200	2000	346	330	2	0	0	0	0.299	1	7.31	0
200	2000	346	400	2	0	0	0	0.304	1	7.28	0
200	2000	346	430	2	0	0	0	0.306	1	7.25	0
200	2000	346	500	2	0	0	0	0.309	1	7.2	0
200	2000	346	530	2	0	0	0	0.304	2	7.16	0
200	2000	346	600	2	0	0	0	0.304	1	7.13	0
200	2000	346	630	2	0	0	0	0.3	1	7.13	0
200	2000	346	700	2	0	0	0	0.299	1	7.09	0
200	2000	346	730	2	0	0	0	0.298	1	7.08	0
200	2000	346	800	2	0	0	0	0.293	2	7.06	0
200	2000	346	830	2	0	0	0	0.291	1	7.06	0
200	2000	346	900	2	0	0	0	0.291	2	7.08	0
200	2000	346	930	2	0	0	0	0.291	2	7.1	0.01

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	346	1000	2	0	0	0	0.293	1	7.14	0.01
200	2000	346	1030	2	0	0	0	0.294	1	7.19	0.02
200	2000	346	1100	2	0	0	0	0.298	2	7.22	0.02
200	2000	346	1130	2	0	0	0	0.299	2	7.29	0.02
200	2000	346	1200	2	0	0	0	0.302	2	7.33	0.01
200	2000	346	1230	2	0	0	0	0.304	2	7.39	0.02
200	2000	346	1300	2	0	0	0	0.308	2	7.41	0.02
200	2000	346	1330	2	0	0	0	0.316	2	7.47	0.01
200	2000	346	1400	2	0	0	0	0.309	4	7.66	0
200	2000	346	1430	2	0	0	0	0.27	4	7.8	0
200	2000	346	1500	2	0	0	0	0.274	3	7.83	0
200	2000	346	1530	2	0	0	0	0.273	3	7.85	0
200	2000	346	1600	2	0	0	0	0.272	7	7.91	0
200	2000	346	1630	2	0	0	0	0.273	9	7.97	0
200	2000	346	1700	2	0	0	0	0.308	13	8.03	0.01
200	2000	346	1730	2	0	0	0	0.29	17	8.05	0.02
200	2000	346	1800	2	0	0	0	0.25	16	8.08	0.01
200	2000	346	1830	2	0	0	0	0.264	13	8.08	0.01
200	2000	346	1900	2	0	0	0	0.269	9	8.14	0.01
200	2000	346	1930	2	0	0	0	0.271	10	8.14	0
200	2000	346	2000	2	0	0	0	0.275	13	8.14	0
200	2000	346	2030	2	0	0	0	0.277	19	8.12	0
200	2000	346	2100	2	0	0	0	0.287	20	8.04	0.01
200	2000	346	2130	2	0	0	0	0.287	17	8	0
200	2000	346	2200	2	0	0	0	0.292	16	7.95	0
200	2000	346	2230	2	0	0	0	0.299	15	7.89	0
200	2000	346	2300	2	0	0	0	0.306	13	7.81	0
200	2000	346	2330	2	0	0	0	0.311	12	7.74	0
200	2000	346	2400	2	0	0	0	0.321	10	7.67	0
200	2000	347	30	2	0	0	0	0.324	8	7.59	0
200	2000	347	100	2	0	0	0	0.336	8	7.54	0
200	2000	347	130	2	0	0	0	0.35	6	7.51	0
200	2000	347	200	2	0	0	0	0.371	6	7.48	0
200	2000	347	230	2	0	1	0	0.554	9	7.46	0
200	2000	347	300	2	0	1	0	0.587	8	7.47	0.01
200	2000	347	330	2	0	1	0	0.601	9	7.48	0
200	2000	347	400	2	0	1	0	0.604	9	7.5	0
200	2000	347	430	2	0	1	0	0.608	9	7.49	0
200	2000	347	500	2	0	1	0	0.606	8	7.51	0
200	2000	347	530	2	0	1	0	0.607	8	7.53	0
200	2000	347	600	2	0	1	0	0.606	7	7.53	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	347	630	2	0	1	0	0.6	6	7.54	0
200	2000	347	700	2	0	1	0	0.593	8	7.55	0
200	2000	347	730	2	0	1	0	0.585	8	7.55	0
200	2000	347	800	2	0	1	0	0.581	9	7.54	0
200	2000	347	830	2	0	1	0	0.578	9	7.53	0
200	2000	347	900	2	0	1	0	0.575	10	7.53	0
200	2000	347	930	2	0	1	0	0.57	12	7.53	0
200	2000	347	1000	2	0	1	0	0.563	13	7.61	0
200	2000	347	1030	2	0	1	0	0.556	16	7.7	0
200	2000	347	1100	2	0	1	0	0.546	17	7.79	0
200	2000	347	1130	2	0	1	0	0.641	18	7.93	0
200	2000	347	1200	2	0	1	0	0.637	19	7.99	0
200	2000	347	1230	2	0	1	0	0.63	20	8.06	0
200	2000	347	1300	2	0	1	0	0.628	19	8.19	0
200	2000	347	1330	2	8	1	1	0.618	20	8.29	0
200	2000	347	1400	2	0	1	0	0.617	19	8.26	0
200	2000	347	1430	2	0	1	0	0.609	19	8.25	0
200	2000	347	1500	2	0	1	0	0.606	19	8.24	0
200	2000	347	1530	2	0	1	0	0.597	19	8.21	0
200	2000	347	1600	2	0	1	0	0.597	19	8.17	0
200	2000	347	1630	2	0	1	0	0.59	19	8.12	0
200	2000	347	1700	2	0	1	0	0.585	18	8.08	0
200	2000	347	1730	2	0	1	0	0.584	17	8.04	0
200	2000	347	1800	2	0	1	0	0.58	16	8	0
200	2000	347	1830	2	0	1	0	0.572	17	7.94	0
200	2000	347	1900	2	0	1	0	0.571	17	7.89	0
200	2000	347	1930	2	0	1	0	0.566	17	7.85	0
200	2000	347	2000	2	0	1	0	0.561	16	7.83	0
200	2000	347	2030	2	0	2	0	0.561	15	7.79	0
200	2000	347	2100	2	0	2	0	0.554	15	7.77	0
200	2000	347	2130	2	0	2	0	0.553	16	7.75	0
200	2000	347	2200	2	0	2	0	0.549	16	7.74	0
200	2000	347	2230	2	0	2	0	0.545	14	7.73	0
200	2000	347	2300	2	0	2	0	0.543	14	7.72	0
200	2000	347	2330	2	0	2	0	0.541	15	7.72	0
200	2000	347	2400	2	0	2	0	0.538	14	7.71	0
200	2000	348	30	2	0	2	0	0.532	14	7.7	0
200	2000	348	100	2	0	2	0	0.528	13	7.71	0
200	2000	348	130	2	0	2	0	0.527	14	7.7	0
200	2000	348	200	2	0	2	0	0.526	14	7.7	0
200	2000	348	230	2	0	2	0	0.524	14	7.71	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	348	300	2	0	2	0	0.522	13	7.7	0
200	2000	348	330	2	0	2	0	0.518	12	7.69	0
200	2000	348	400	2	0	2	0	0.516	12	7.68	0
200	2000	348	430	2	0	2	0	0.515	13	7.67	0
200	2000	348	500	2	0	2	0	0.513	13	7.68	0
200	2000	348	530	2	0	2	0	0.51	12	7.68	0
200	2000	348	600	2	0	2	0	0.508	12	7.67	0
200	2000	348	630	2	0	2	0	0.504	13	7.67	0
200	2000	348	700	2	0	2	0	0.502	12	7.68	0
200	2000	348	730	2	0	2	0	0.502	12	7.68	0
200	2000	348	800	2	0	2	0	0.498	12	7.69	0
200	2000	348	830	2	0	2	0	0.498	12	7.73	0
200	2000	348	900	2	0	2	0	0.497	11	7.77	0
200	2000	348	930	2	0	2	0	0.491	12	7.84	0
200	2000	348	1000	2	0	2	0	0.495	11	7.92	0
200	2000	348	1030	2	0	2	0	0.492	12	8.01	0
200	2000	348	1100	2	0	2	0	0.487	11	8.15	0
200	2000	348	1130	2	0	2	0	0.486	11	8.26	0
200	2000	348	1200	2	0	2	0	0.489	10	8.38	0
200	2000	348	1230	2	0	2	0	0.489	10	8.53	0
200	2000	348	1300	2	0	2	0	0.488	10	8.66	0
200	2000	348	1330	2	0	2	0	0.489	9	8.72	0.02
200	2000	348	1400	2	0	2	0	0.488	10	8.77	0
200	2000	348	1430	2	0	2	0	0.489	10	8.8	0.01
200	2000	348	1500	2	0	2	0	0.488	10	8.82	0.01
200	2000	348	1530	2	0	2	0	0.489	10	8.82	0.01
200	2000	348	1600	2	0	2	0	0.491	10	8.83	0.02
200	2000	348	1630	2	0	2	0	0.496	10	8.82	0.03
200	2000	348	1700	2	0	2	0	0.501	10	8.8	0.02
200	2000	348	1730	2	0	2	0	0.51	10	8.83	0.01
200	2000	348	1800	2	0	2	0	0.52	12	8.83	0.07
200	2000	348	1830	2	9	1	1	0.527	15	8.84	0
200	2000	348	1900	2	0	1	0	0.535	18	8.84	0
200	2000	348	1930	2	0	1	0	0.548	33	8.85	0.04
200	2000	348	2000	2	10	1	1	0.571	41	8.84	0.01
200	2000	348	2030	2	0	1	0	0.603	46	8.84	0
200	2000	348	2100	2	0	1	0	0.626	38	8.81	0
200	2000	348	2130	2	0	2	0	0.679	35	8.78	0.01
200	2000	348	2200	2	0	2	0	0.75	27	8.75	0
200	2000	348	2230	2	11	2	1	0.863	28	8.71	0.03
200	2000	348	2300	2	12	1	1	1.43	94	8.72	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	348	2330	2	0	1	0	1.571	110	8.73	0
200	2000	348	2400	2	0	1	0	1.616	104	8.71	0
200	2000	349	30	2	0	1	0	1.669	119	8.73	0
200	2000	349	100	2	0	1	0	1.69	145	8.79	0
200	2000	349	130	2	0	1	0	1.735	153	8.87	0.01
200	2000	349	200	2	0	1	0	1.732	153	8.91	0
200	2000	349	230	2	0	1	0	1.738	152	8.94	0.02
200	2000	349	300	2	0	2	0	1.711	137	8.95	0
200	2000	349	330	2	0	2	0	1.69	127	8.94	0
200	2000	349	400	2	0	2	0	1.643	116	8.92	0
200	2000	349	430	2	0	2	0	1.608	107	8.93	0
200	2000	349	500	2	0	2	0	1.569	96	8.93	0
200	2000	349	530	2	13	2	1	1.531	92	8.91	0
200	2000	349	600	2	0	2	0	1.499	85	8.92	0
200	2000	349	630	2	0	2	0	1.468	82	8.91	0
200	2000	349	700	2	0	2	0	1.441	76	8.92	0
200	2000	349	730	2	0	2	0	1.422	69	8.93	0
200	2000	349	800	2	0	2	0	1.388	65	8.92	0
200	2000	349	830	2	0	2	0	1.358	62	8.94	0
200	2000	349	900	2	14	2	1	1.333	59	8.93	0
200	2000	349	930	2	0	2	0	1.314	58	8.95	0
200	2000	349	1000	2	0	2	0	1.293	55	8.96	0.01
200	2000	349	1030	2	0	2	0	1.267	54	9	0.01
200	2000	349	1100	2	0	2	0	1.245	54	9.01	0
200	2000	349	1130	2	0	2	0	1.229	51	9.03	0
200	2000	349	1200	2	0	2	0	1.207	50	9.07	0
200	2000	349	1230	2	0	2	0	1.187	49	9.1	0
200	2000	349	1300	2	0	2	0	1.172	48	9.15	0
200	2000	349	1330	2	0	2	0	1.154	47	9.21	0
200	2000	349	1400	2	0	2	0	1.141	45	9.22	0
200	2000	349	1430	2	0	2	0	1.124	44	9.25	0
200	2000	349	1500	2	0	2	0	1.109	42	9.27	0
200	2000	349	1530	2	0	2	0	1.099	43	9.3	0
200	2000	349	1600	2	0	2	0	1.087	42	9.3	0
200	2000	349	1630	2	0	2	0	1.056	39	9.3	0
200	2000	349	1700	2	0	2	0	1.053	39	9.3	0
200	2000	349	1730	2	0	2	0	1.045	39	9.29	0
200	2000	349	1800	2	0	2	0	1.033	38	9.3	0
200	2000	349	1830	2	0	2	0	1.022	38	9.28	0
200	2000	349	1900	2	0	2	0	1.014	37	9.3	0
200	2000	349	1930	2	0	2	0	1.001	36	9.31	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	349	2000	2	0	2	0	0.989	35	9.31	0.01
200	2000	349	2030	2	0	2	0	0.983	34	9.32	0.01
200	2000	349	2100	2	0	2	0	0.969	34	9.3	0
200	2000	349	2130	2	0	2	0	0.967	33	9.31	0.02
200	2000	349	2200	2	0	2	0	0.962	33	9.31	0
200	2000	349	2230	2	0	2	0	0.954	32	9.34	0
200	2000	349	2300	2	0	2	0	0.948	32	9.33	0.01
200	2000	349	2330	2	0	2	0	0.942	32	9.33	0
200	2000	349	2400	2	0	2	0	0.943	31	9.3	0
200	2000	350	30	2	0	2	0	0.941	31	9.3	0
200	2000	350	100	2	0	2	0	0.945	30	9.27	0
200	2000	350	130	2	0	2	0	0.949	31	9.28	0
200	2000	350	200	2	15	2	1	0.964	30	9.25	0
200	2000	350	230	2	0	2	0	0.974	29	9.25	0
200	2000	350	300	2	0	2	0	0.981	29	9.21	0
200	2000	350	330	2	0	2	0	0.995	28	9.17	0
200	2000	350	400	2	0	2	0	1.007	28	9.11	0
200	2000	350	430	2	0	2	0	1.012	28	9.04	0
200	2000	350	500	2	0	2	0	1.018	27	9	0
200	2000	350	530	2	0	2	0	1.018	27	8.95	0
200	2000	350	600	2	0	2	0	1.009	28	8.9	0
200	2000	350	630	2	0	2	0	1.005	28	8.83	0
200	2000	350	700	2	0	2	0	0.998	28	8.78	0
200	2000	350	730	2	0	2	0	0.991	29	8.75	0
200	2000	350	800	2	0	2	0	0.984	28	8.7	0
200	2000	350	830	2	0	2	0	0.982	28	8.63	0
200	2000	350	900	2	0	2	0	0.974	28	8.61	0
200	2000	350	930	2	0	2	0	0.965	28	8.58	0
200	2000	350	1000	2	0	2	0	0.958	28	8.57	0
200	2000	350	1030	2	0	2	0	0.95	26	8.64	0
200	2000	350	1100	2	0	2	0	0.944	26	8.7	0
200	2000	350	1130	2	0	2	0	0.938	26	8.74	0
200	2000	350	1200	2	0	2	0	0.904	25	8.83	0
200	2000	350	1230	2	0	2	0	0.902	25	8.9	0
200	2000	350	1300	2	0	2	0	0.868	24	9	0
200	2000	350	1330	2	0	2	0	0.915	24	9.02	0
200	2000	350	1400	2	0	2	0	0.81	24	9	0
200	2000	350	1430	2	0	2	0	0.901	25	9.02	0
200	2000	350	1500	2	0	2	0	0.896	26	9	0
200	2000	350	1530	2	0	2	0	0.893	25	8.98	0
200	2000	350	1600	2	0	2	0	0.874	25	8.93	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	350	1630	2	0	2	0	0.852	24	8.9	0
200	2000	350	1700	2	0	2	0	0.876	24	8.86	0
200	2000	350	1730	2	0	2	0	0.873	23	8.81	0
200	2000	350	1800	2	0	2	0	0.867	23	8.78	0
200	2000	350	1830	2	0	2	0	0.862	24	8.75	0
200	2000	350	1900	2	0	2	0	0.834	24	8.72	0
200	2000	350	1930	2	0	2	0	0.837	23	8.66	0
200	2000	350	2000	2	0	2	0	0.834	22	8.61	0
200	2000	350	2030	2	0	2	0	0.806	22	8.57	0
200	2000	350	2100	2	0	2	0	0.794	24	8.5	0
200	2000	350	2130	2	0	2	0	0.825	23	8.44	0
200	2000	350	2200	2	0	2	0	0.816	22	8.38	0
200	2000	350	2230	2	0	2	0	0.805	22	8.32	0
200	2000	350	2300	2	0	2	0	0.773	22	8.26	0
200	2000	350	2330	2	0	2	0	0.767	22	8.21	0
200	2000	350	2400	2	0	2	0	0.76	21	8.14	0
200	2000	351	30	2	0	2	0	0.749	22	8.07	0
200	2000	351	100	2	0	2	0	0.741	22	8	0
200	2000	351	130	2	0	2	0	0.773	20	7.95	0
200	2000	351	200	2	0	2	0	0.769	21	7.87	0
200	2000	351	230	2	0	2	0	0.747	21	7.82	0
200	2000	351	300	2	0	2	0	0.726	21	7.72	0
200	2000	351	330	2	0	2	0	0.721	20	7.67	0
200	2000	351	400	2	0	2	0	0.717	21	7.6	0
200	2000	351	430	2	0	2	0	0.718	21	7.54	0
200	2000	351	500	2	0	2	0	0.708	21	7.45	0
200	2000	351	530	2	0	2	0	0.696	20	7.38	0
200	2000	351	600	2	0	2	0	0.696	19	7.32	0
200	2000	351	630	2	0	2	0	0.696	20	7.25	0
200	2000	351	700	2	0	2	0	0.689	20	7.2	0
200	2000	351	730	2	0	2	0	0.688	19	7.13	0
200	2000	351	800	2	0	2	0	0.687	23	7.08	0
200	2000	351	830	2	0	2	0	0.68	23	7.01	0
200	2000	351	900	2	0	2	0	0.675	22	6.982	0
200	2000	351	930	2	0	2	0	0.669	21	6.943	0
200	2000	351	1000	2	0	2	0	0.665	18	6.972	0
200	2000	351	1030	2	0	2	0	0.663	19	7.03	0
200	2000	351	1100	2	0	2	0	0.66	17	7.13	0
200	2000	351	1130	2	0	2	0	0.654	17	7.27	0
200	2000	351	1200	2	0	2	0	0.646	18	7.41	0
200	2000	351	1230	2	0	2	0	0.682	18	7.55	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	351	1300	2	0	2	0	0.67	18	7.71	0
200	2000	351	1330	2	0	2	0	0.649	18	7.84	0
200	2000	351	1400	2	0	2	0	0.628	17	7.94	0
200	2000	351	1430	2	0	2	0	0.654	17	7.99	0
200	2000	351	1500	2	0	2	0	0.634	18	8.02	0
200	2000	351	1530	2	0	2	0	0.639	17	8.03	0
200	2000	351	1600	2	0	2	0	0.628	17	8	0
200	2000	351	1630	2	0	2	0	0.626	17	7.98	0
200	2000	351	1700	2	0	2	0	0.637	16	7.92	0
200	2000	351	1730	2	0	2	0	0.633	17	7.86	0
200	2000	351	1800	2	0	2	0	0.639	16	7.81	0
200	2000	351	1830	2	0	2	0	0.637	18	7.77	0
200	2000	351	1900	2	0	2	0	0.638	16	7.77	0.01
200	2000	351	1930	2	0	2	0	0.644	16	7.77	0.05
200	2000	351	2000	2	0	2	0	0.645	19	7.79	0.04
200	2000	351	2030	2	0	2	0	0.656	19	7.86	0.07
200	2000	351	2100	2	0	2	0	0.657	19	7.88	0
200	2000	351	2130	2	16	1	1	0.66	24	7.94	0
200	2000	351	2200	2	0	1	0	0.661	24	7.94	0
200	2000	351	2230	2	0	1	0	0.658	29	7.96	0
200	2000	351	2300	2	0	1	0	0.656	23	7.95	0
200	2000	351	2330	2	0	2	0	0.66	19	7.94	0
200	2000	351	2400	2	0	2	0	0.661	18	7.95	0
200	2000	352	30	2	0	2	0	0.664	19	7.96	0
200	2000	352	100	2	0	2	0	0.67	19	7.93	0
200	2000	352	130	2	0	2	0	0.693	19	7.93	0
200	2000	352	200	2	0	2	0	0.761	19	7.92	0
200	2000	352	230	2	0	2	0	0.809	18	7.9	0
200	2000	352	300	2	0	2	0	0.827	19	7.86	0
200	2000	352	330	2	0	2	0	0.843	19	7.81	0
200	2000	352	400	2	0	2	0	0.86	18	7.75	0
200	2000	352	430	2	0	2	0	0.868	18	7.7	0
200	2000	352	500	2	0	2	0	0.868	18	7.64	0
200	2000	352	530	2	0	2	0	0.863	20	7.57	0
200	2000	352	600	2	0	2	0	0.857	22	7.5	0
200	2000	352	630	2	17	1	1	0.858	23	7.42	0
200	2000	352	700	2	0	1	0	0.854	26	7.33	0
200	2000	352	730	2	0	1	0	0.852	28	7.28	0
200	2000	352	800	2	0	1	0	0.847	30	7.19	0
200	2000	352	830	2	0	1	0	0.844	31	7.15	0
200	2000	352	900	2	0	1	0	0.837	29	7.09	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	352	930	2	0	1	0	0.836	29	7.03	0
200	2000	352	1000	2	0	1	0	0.829	29	7	0
200	2000	352	1030	2	0	1	0	0.824	27	7	0
200	2000	352	1100	2	0	1	0	0.81	27	7.05	0
200	2000	352	1130	2	0	1	0	0.806	27	7.14	0
200	2000	352	1200	2	18	2	1	0.802	26	7.24	0
200	2000	352	1230	2	0	2	0	0.794	26	7.35	0
200	2000	352	1300	2	0	2	0	0.785	26	7.46	0
200	2000	352	1330	2	0	2	0	0.777	25	7.51	0
200	2000	352	1400	2	0	2	0	0.773	25	7.52	0
200	2000	352	1430	2	0	2	0	0.778	24	7.57	0
200	2000	352	1500	2	0	2	0	0.775	25	7.53	0
200	2000	352	1530	2	0	2	0	0.772	24	7.47	0
200	2000	352	1600	2	0	2	0	0.77	25	7.42	0
200	2000	352	1630	2	0	2	0	0.766	23	7.35	0
200	2000	352	1700	2	0	2	0	0.773	24	7.3	0
200	2000	352	1730	2	0	2	0	0.753	23	7.23	0
200	2000	352	1800	2	0	2	0	0.75	23	7.16	0
200	2000	352	1830	2	0	2	0	0.745	24	7.1	0
200	2000	352	1900	2	0	2	0	0.74	23	7.05	0
200	2000	352	1930	2	0	2	0	0.733	23	6.993	0
200	2000	352	2000	2	0	2	0	0.732	23	6.929	0
200	2000	352	2030	2	0	2	0	0.725	23	6.889	0
200	2000	352	2100	2	0	2	0	0.726	23	6.841	0
200	2000	352	2130	2	0	2	0	0.715	23	6.796	0
200	2000	352	2200	2	0	2	0	0.714	22	6.748	0
200	2000	352	2230	2	0	2	0	0.713	22	6.7	0
200	2000	352	2300	2	0	2	0	0.707	21	6.654	0
200	2000	352	2330	2	0	2	0	0.701	20	6.618	0
200	2000	352	2400	2	0	2	0	0.701	22	6.562	0
200	2000	353	30	2	0	2	0	0.695	20	6.495	0
200	2000	353	100	2	0	2	0	0.686	20	6.447	0
200	2000	353	130	2	0	2	0	0.69	20	6.4	0
200	2000	353	200	2	0	2	0	0.695	21	6.352	0
200	2000	353	230	2	0	2	0	0.693	20	6.304	0
200	2000	353	300	2	0	2	0	0.682	20	6.257	0
200	2000	353	330	2	0	2	0	0.676	19	6.199	0
200	2000	353	400	2	0	2	0	0.67	20	6.152	0
200	2000	353	430	2	0	2	0	0.666	20	6.104	0
200	2000	353	500	2	0	2	0	0.66	19	6.065	0
200	2000	353	530	2	0	2	0	0.658	20	6.018	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	353	600	2	0	2	0	0.657	20	5.971	0
200	2000	353	630	2	0	2	0	0.658	18	5.922	0
200	2000	353	700	2	0	2	0	0.65	19	5.894	0
200	2000	353	730	2	0	2	0	0.654	19	5.846	0
200	2000	353	800	2	0	2	0	0.648	20	5.807	0
200	2000	353	830	2	0	2	0	0.647	20	5.77	0
200	2000	353	900	2	0	2	0	0.644	18	5.76	0
200	2000	353	930	2	0	2	0	0.638	18	5.732	0
200	2000	353	1000	2	0	2	0	0.638	18	5.742	0
200	2000	353	1030	2	0	2	0	0.633	18	5.77	0
200	2000	353	1100	2	0	2	0	0.629	18	5.856	0.01
200	2000	353	1130	2	0	2	0	0.623	17	5.989	0
200	2000	353	1200	2	0	2	0	0.611	18	6.141	0
200	2000	353	1230	2	0	2	0	0.604	17	6.302	0
200	2000	353	1300	2	0	2	0	0.6	17	6.501	0
200	2000	353	1330	2	0	2	0	0.601	17	6.623	0
200	2000	353	1400	2	0	2	0	0.587	18	6.784	0
200	2000	353	1430	2	0	2	0	0.589	17	6.839	0
200	2000	353	1500	2	0	2	0	0.591	18	6.904	0
200	2000	353	1530	2	0	2	0	0.595	18	6.948	0
200	2000	353	1600	2	0	2	0	0.593	18	6.969	0
200	2000	353	1630	2	0	2	0	0.594	17	6.952	0
200	2000	353	1700	2	0	2	0	0.6	16	6.923	0
200	2000	353	1730	2	0	2	0	0.601	17	6.884	0
200	2000	353	1800	2	0	2	0	0.599	18	6.845	0
200	2000	353	1830	2	0	2	0	0.594	16	6.807	0
200	2000	353	1900	2	0	2	0	0.594	16	6.778	0
200	2000	353	1930	2	0	2	0	0.593	16	6.731	0
200	2000	353	2000	2	0	2	0	0.592	16	6.724	0
200	2000	353	2030	2	0	2	0	0.596	17	6.677	0
200	2000	353	2100	2	0	2	0	0.586	16	6.64	0
200	2000	353	2130	2	0	2	0	0.589	17	6.62	0
200	2000	353	2200	2	0	2	0	0.581	16	6.621	0
200	2000	353	2230	2	0	2	0	0.58	17	6.582	0
200	2000	353	2300	2	0	2	0	0.579	15	6.553	0
200	2000	353	2330	2	0	2	0	0.579	15	6.545	0
200	2000	353	2400	2	0	2	0	0.572	16	6.544	0
200	2000	354	30	2	0	2	0	0.573	16	6.537	0
200	2000	354	100	2	0	2	0	0.568	17	6.536	0
200	2000	354	130	2	0	2	0	0.561	14	6.536	0
200	2000	354	200	2	0	2	0	0.56	15	6.509	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	354	230	2	0	2	0	0.561	15	6.498	0
200	2000	354	300	2	0	2	0	0.554	14	6.507	0
200	2000	354	330	2	0	2	0	0.552	17	6.498	0
200	2000	354	400	2	0	2	0	0.553	14	6.487	0
200	2000	354	430	2	0	2	0	0.541	14	6.47	0
200	2000	354	500	2	0	2	0	0.547	16	6.49	0
200	2000	354	530	2	0	2	0	0.547	15	6.497	0
200	2000	354	600	2	0	2	0	0.542	14	6.487	0
200	2000	354	630	2	0	2	0	0.547	14	6.488	0
200	2000	354	700	2	0	2	0	0.544	15	6.487	0
200	2000	354	730	2	0	2	0	0.541	14	6.468	0
200	2000	354	800	2	0	2	0	0.545	16	6.421	0
200	2000	354	830	2	0	2	0	0.544	14	6.404	0
200	2000	354	900	2	0	2	0	0.542	15	6.394	0
200	2000	354	930	2	0	2	0	0.537	14	6.431	0
200	2000	354	1000	2	0	2	0	0.529	14	6.507	0
200	2000	354	1030	2	0	2	0	0.524	16	6.621	0
200	2000	354	1100	2	0	2	0	0.515	15	6.745	0
200	2000	354	1130	2	0	2	0	0.504	13	6.907	0
200	2000	354	1200	2	0	2	0	0.498	14	7.05	0
200	2000	354	1230	2	0	2	0	0.493	11	7.23	0
200	2000	354	1300	2	0	2	0	0.49	12	7.41	0
200	2000	354	1330	2	0	2	0	0.486	11	7.56	0
200	2000	354	1400	2	0	2	0	0.487	11	7.69	0
200	2000	354	1430	2	0	2	0	0.482	11	7.78	0
200	2000	354	1500	2	0	2	0	0.484	12	7.83	0
200	2000	354	1530	2	0	2	0	0.481	12	7.85	0
200	2000	354	1600	2	0	2	0	0.478	13	7.87	0
200	2000	354	1630	2	0	2	0	0.479	11	7.84	0
200	2000	354	1700	2	0	2	0	0.476	11	7.82	0
200	2000	354	1730	2	0	2	0	0.475	12	7.77	0
200	2000	354	1800	2	0	2	0	0.476	11	7.72	0
200	2000	354	1830	2	0	2	0	0.473	11	7.66	0
200	2000	354	1900	2	0	2	0	0.472	12	7.6	0
200	2000	354	1930	2	0	2	0	0.472	12	7.55	0
200	2000	354	2000	2	0	2	0	0.47	11	7.48	0
200	2000	354	2030	2	0	2	0	0.467	12	7.46	0
200	2000	354	2100	2	0	2	0	0.466	11	7.41	0
200	2000	354	2130	2	0	2	0	0.47	12	7.37	0
200	2000	354	2200	2	0	2	0	0.467	11	7.33	0
200	2000	354	2230	2	0	2	0	0.468	11	7.29	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	354	2300	2	0	2	0	0.467	11	7.23	0
200	2000	354	2330	2	0	2	0	0.466	11	7.2	0
200	2000	354	2400	2	0	2	0	0.463	11	7.17	0
200	2000	355	30	2	0	2	0	0.46	12	7.16	0
200	2000	355	100	2	19	1	1	0.459	17	7.15	0
200	2000	355	130	2	0	1	0	0.459	16	7.12	0
200	2000	355	200	2	0	1	0	0.457	17	7.09	0
200	2000	355	230	2	0	1	0	0.454	19	7.09	0
200	2000	355	300	2	0	1	0	0.457	18	7.09	0
200	2000	355	330	2	0	1	0	0.451	17	7.1	0
200	2000	355	400	2	0	1	0	0.447	19	7.09	0
200	2000	355	430	2	0	1	0	0.446	19	7.1	0
200	2000	355	500	2	0	1	0	0.446	19	7.13	0
200	2000	355	530	2	0	1	0	0.444	19	7.13	0
200	2000	355	600	2	0	1	0	0.44	20	7.15	0
200	2000	355	630	2	0	1	0	0.44	19	7.16	0
200	2000	355	700	2	0	1	0	0.439	19	7.19	0
200	2000	355	730	2	20	1	1	0.438	20	7.19	0
200	2000	355	800	2	0	1	0	0.438	19	7.2	0
200	2000	355	830	2	0	1	0	0.437	19	7.22	0
200	2000	355	900	2	0	1	0	0.438	21	7.25	0
200	2000	355	930	2	0	1	0	0.438	21	7.31	0
200	2000	355	1000	2	0	1	0	0.435	23	7.38	0
200	2000	355	1030	2	0	1	0	0.432	22	7.49	0
200	2000	355	1100	2	0	1	0	0.433	22	7.6	0
200	2000	355	1130	2	0	1	0	0.431	21	7.66	0
200	2000	355	1200	2	0	1	0	0.43	21	7.77	0
200	2000	355	1230	2	0	1	0	0.428	25	7.9	0
200	2000	355	1300	2	0	1	0	0.429	27	8.04	0
200	2000	355	1330	2	0	1	0	0.429	24	8.17	0
200	2000	355	1400	2	0	1	0	0.425	57	8.26	0
200	2000	355	1430	2	0	1	0	0.425	32	8.38	0
200	2000	355	1500	2	21	2	1	0.424	26	8.45	0
200	2000	355	1530	2	0	2	0	0.422	28	8.49	0
200	2000	355	1600	2	0	2	0	0.421	27	8.46	0
200	2000	355	1630	2	0	2	0	0.421	31	8.43	0
200	2000	355	1700	2	0	2	0	0.421	30	8.36	0
200	2000	355	1730	2	0	2	0	0.419	31	8.28	0
200	2000	355	1800	2	0	2	0	0.417	27	8.18	0
200	2000	355	1830	2	0	1	0	0.415	32	8.08	0
200	2000	355	1900	2	0	1	0	0.418	29	8	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	355	1930	2	0	1	0	0.415	46	7.94	0
200	2000	355	2000	2	0	1	0	0.414	43	7.87	0
200	2000	355	2030	2	0	2	0	0.412	39	7.83	0
200	2000	355	2100	2	0	2	0	0.411	43	7.73	0
200	2000	355	2130	2	0	2	0	0.411	30	7.67	0
200	2000	355	2200	2	22	2	1	0.409	30	7.6	0
200	2000	355	2230	2	0	2	0	0.408	25	7.52	0
200	2000	355	2300	2	0	2	0	0.408	11	7.45	0
200	2000	355	2330	2	0	2	0	0.407	10	7.37	0
200	2000	355	2400	2	0	2	0	0.406	10	7.27	0
200	2000	356	30	2	0	2	0	0.405	11	7.19	0
200	2000	356	100	2	0	2	0	0.407	11	7.1	0
200	2000	356	130	2	0	2	0	0.405	11	6.997	0
200	2000	356	200	2	0	2	0	0.402	11	6.902	0
200	2000	356	230	2	0	2	0	0.402	12	6.815	0
200	2000	356	300	2	0	2	0	0.401	11	6.722	0
200	2000	356	330	2	0	2	0	0.401	11	6.666	0
200	2000	356	400	2	0	0	0	0.399	11	6.617	0
200	2000	356	430	2	0	0	0	0.395	12	6.569	0
200	2000	356	500	2	0	0	0	0.397	11	6.576	0
200	2000	356	530	2	0	0	0	0.396	11	6.633	0
200	2000	356	600	2	0	0	0	0.395	12	6.718	0
200	2000	356	630	2	0	0	0	0.394	11	6.814	0
200	2000	356	700	2	0	0	0	0.389	12	6.899	0
200	2000	356	730	2	0	0	0	0.388	13	7	0
200	2000	356	800	2	0	0	0	0.388	11	7.05	0.01
200	2000	356	830	2	0	0	0	0.386	13	7.12	0
200	2000	356	900	2	0	0	0	0.387	12	7.19	0
200	2000	356	930	2	0	0	0	0.384	13	7.23	0
200	2000	356	1000	2	0	0	0	0.385	12	7.26	0
200	2000	356	1030	2	0	0	0	0.385	12	7.38	0
200	2000	356	1100	2	0	0	0	0.382	11	7.55	0
200	2000	356	1130	2	0	0	0	0.384	11	7.65	0.03
200	2000	356	1200	3	0	0	0	0.362	11	7.77	0
200	2000	356	1230	3	0	0	0	0.366	11	7.95	0
200	2000	356	1300	3	0	0	0	0.362	11	8.14	0
200	2000	356	1330	3	0	0	0	0.359	11	8.34	0
200	2000	356	1400	3	0	0	0	0.363	10	8.45	0
200	2000	356	1430	3	0	0	0	0.391	11	8.54	0
200	2000	356	1500	3	0	0	0	0.391	12	8.66	0
200	2000	356	1530	3	0	0	0	0.388	12	8.73	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	356	1600	3	0	0	0	0.388	12	8.77	0
200	2000	356	1630	3	0	0	0	0.389	11	8.76	0
200	2000	356	1700	3	0	0	0	0.386	12	8.72	0
200	2000	356	1730	3	0	0	0	0.389	10	8.66	0.01
200	2000	356	1800	3	0	0	0	0.388	12	8.58	0
200	2000	356	1830	3	0	0	0	0.388	11	8.55	0
200	2000	356	1900	3	0	0	0	0.389	11	8.49	0
200	2000	356	1930	3	0	0	0	0.388	11	8.47	0
200	2000	356	2000	3	0	0	0	0.391	12	8.41	0
200	2000	356	2030	3	0	0	0	0.393	11	8.37	0
200	2000	356	2100	3	0	0	0	0.391	11	8.31	0
200	2000	356	2130	3	0	0	0	0.39	11	8.25	0
200	2000	356	2200	3	0	0	0	0.384	12	8.21	0
200	2000	356	2230	3	0	0	0	0.383	12	8.17	0
200	2000	356	2300	3	0	0	0	0.383	11	8.16	0
200	2000	356	2330	3	0	0	0	0.382	11	8.16	0
200	2000	356	2400	3	0	0	0	0.382	11	8.09	0
200	2000	357	30	3	0	0	0	0.381	12	8.08	0
200	2000	357	100	3	0	0	0	0.382	11	8.07	0.03
200	2000	357	130	3	0	0	0	0.383	11	8.08	0.01
200	2000	357	200	3	0	0	0	0.382	12	8.05	0
200	2000	357	230	3	0	0	0	0.385	13	8.01	0
200	2000	357	300	3	0	0	0	0.386	12	8	0
200	2000	357	330	3	0	0	0	0.386	12	8	0
200	2000	357	400	3	0	0	0	0.389	12	7.99	0.01
200	2000	357	430	3	0	0	0	0.389	12	7.99	0
200	2000	357	500	3	0	0	0	0.389	12	7.97	0
200	2000	357	530	3	0	0	0	0.393	12	7.95	0
200	2000	357	600	3	0	0	0	0.393	12	7.91	0
200	2000	357	630	3	0	0	0	0.395	13	7.9	0
200	2000	357	700	3	0	0	0	0.395	13	7.89	0.01
200	2000	357	730	3	0	0	0	0.395	13	7.89	0
200	2000	357	800	3	0	0	0	0.395	12	7.9	0
200	2000	357	830	3	0	0	0	0.397	13	7.9	0
200	2000	357	900	3	0	0	0	0.399	12	7.93	0
200	2000	357	930	3	0	0	0	0.399	12	7.94	0
200	2000	357	1000	3	0	1	0	0.401	12	8	0
200	2000	357	1030	3	0	1	0	0.405	12	8.09	0
200	2000	357	1100	3	0	1	0	0.405	13	8.16	0
200	2000	357	1130	3	0	1	0	0.404	12	8.32	0
200	2000	357	1200	3	0	1	0	0.404	12	8.46	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	357	1230	3	0	1	0	0.404	12	8.57	0
200	2000	357	1300	3	0	1	0	0.407	12	8.71	0
200	2000	357	1330	3	0	1	0	0.41	14	8.83	0
200	2000	357	1400	3	0	1	0	0.411	14	8.95	0
200	2000	357	1430	3	0	1	0	0.427	14	9.04	0
200	2000	357	1500	3	0	1	0	0.426	13	9.1	0
200	2000	357	1530	3	0	1	0	0.43	15	9.14	0
200	2000	357	1600	3	0	1	0	0.433	13	9.14	0
200	2000	357	1630	3	0	1	0	0.436	13	9.12	0.02
200	2000	357	1700	3	0	1	0	0.445	12	9.09	0
200	2000	357	1730	3	0	1	0	0.445	13	9.07	0
200	2000	357	1800	3	0	1	0	0.445	13	8.99	0
200	2000	357	1830	3	0	1	0	0.446	13	8.91	0
200	2000	357	1900	3	0	1	0	0.446	14	8.9	0
200	2000	357	1930	3	0	1	0	0.447	14	8.85	0
200	2000	357	2000	3	0	1	0	0.447	16	8.81	0
200	2000	357	2030	3	0	1	0	0.447	14	8.78	0
200	2000	357	2100	3	0	1	0	0.449	13	8.72	0
200	2000	357	2130	3	0	1	0	0.449	15	8.67	0
200	2000	357	2200	3	0	1	0	0.447	15	8.62	0
200	2000	357	2230	3	0	1	0	0.449	16	8.57	0
200	2000	357	2300	3	0	1	0	0.448	14	8.5	0
200	2000	357	2330	3	0	1	0	0.445	15	8.42	0
200	2000	357	2400	3	0	1	0	0.448	15	8.36	0
200	2000	358	30	3	0	1	0	0.452	17	8.26	0
200	2000	358	100	3	0	1	0	0.454	15	8.17	0
200	2000	358	130	3	0	1	0	0.455	17	8.07	0
200	2000	358	200	3	0	1	0	0.451	16	7.98	0
200	2000	358	230	3	0	1	0	0.439	19	7.89	0
200	2000	358	300	3	0	1	0	0.453	19	7.81	0
200	2000	358	330	3	0	1	0	0.454	16	7.76	0
200	2000	358	400	3	0	1	0	0.453	17	7.71	0
200	2000	358	430	3	0	1	0	0.452	17	7.7	0
200	2000	358	500	3	0	1	0	0.453	18	7.68	0
200	2000	358	530	3	0	1	0	0.452	17	7.65	0
200	2000	358	600	3	0	1	0	0.452	17	7.63	0
200	2000	358	630	3	0	1	0	0.452	17	7.65	0
200	2000	358	700	3	0	1	0	0.45	17	7.65	0
200	2000	358	730	3	0	1	0	0.451	19	7.66	0
200	2000	358	800	3	0	1	0	0.451	18	7.67	0.02
200	2000	358	830	3	0	1	0	0.452	18	7.68	0.02

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	358	900	3	0	1	0	0.456	19	7.72	0.01
200	2000	358	930	3	0	1	0	0.458	18	7.76	0
200	2000	358	1000	3	0	1	0	0.455	18	7.83	0
200	2000	358	1030	3	0	1	0	0.45	18	7.89	0
200	2000	358	1100	3	0	1	0	0.428	18	7.94	0.01
200	2000	358	1130	3	0	1	0	0.431	18	8.01	0
200	2000	358	1200	3	0	1	0	0.431	19	8.09	0
200	2000	358	1230	3	0	1	0	0.435	18	8.18	0.01
200	2000	358	1300	3	0	1	0	0.438	19	8.28	0
200	2000	358	1330	3	0	1	0	0.434	18	8.37	0.01
200	2000	358	1400	3	0	1	0	0.439	19	8.46	0.01
200	2000	358	1430	3	0	1	0	0.459	18	8.52	0
200	2000	358	1500	3	0	1	0	0.461	20	8.55	0
200	2000	358	1530	3	1	1	1	0.462	21	8.58	0
200	2000	358	1600	3	0	1	0	0.463	19	8.62	0
200	2000	358	1630	3	0	1	0	0.467	21	8.62	0
200	2000	358	1700	3	0	1	0	0.469	21	8.61	0
200	2000	358	1730	3	0	1	0	0.47	21	8.61	0
200	2000	358	1800	3	0	1	0	0.471	21	8.6	0
200	2000	358	1830	3	0	1	0	0.474	20	8.58	0.01
200	2000	358	1900	3	0	1	0	0.476	21	8.55	0
200	2000	358	1930	3	0	1	0	0.48	21	8.5	0
200	2000	358	2000	3	0	1	0	0.485	21	8.46	0
200	2000	358	2030	3	0	1	0	0.489	20	8.42	0
200	2000	358	2100	3	0	1	0	0.496	21	8.37	0
200	2000	358	2130	3	0	1	0	0.502	20	8.35	0
200	2000	358	2200	3	0	1	0	0.515	21	8.3	0
200	2000	358	2230	3	0	1	0	0.527	21	8.24	0
200	2000	358	2300	3	0	1	0	0.539	21	8.2	0
200	2000	358	2330	3	0	1	0	0.547	22	8.16	0
200	2000	358	2400	3	0	1	0	0.56	20	8.1	0
200	2000	359	30	3	0	1	0	0.57	21	8.05	0
200	2000	359	100	3	0	1	0	0.581	22	7.99	0
200	2000	359	130	3	0	1	0	0.591	22	7.93	0
200	2000	359	200	3	0	1	0	0.598	21	7.85	0
200	2000	359	230	3	0	1	0	0.602	21	7.78	0
200	2000	359	300	3	0	1	0	0.604	21	7.69	0
200	2000	359	330	3	0	1	0	0.606	20	7.63	0
200	2000	359	400	3	0	1	0	0.602	22	7.54	0
200	2000	359	430	3	0	1	0	0.601	21	7.48	0
200	2000	359	500	3	0	1	0	0.6	22	7.39	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	359	530	3	0	1	0	0.599	21	7.35	0
200	2000	359	600	3	0	1	0	0.594	21	7.26	0
200	2000	359	630	3	0	1	0	0.559	23	7.21	0
200	2000	359	700	3	0	1	0	0.551	23	7.13	0
200	2000	359	730	3	0	1	0	0.559	23	7.07	0
200	2000	359	800	3	0	1	0	0.563	24	7.11	0
200	2000	359	830	3	0	1	0	0.561	24	6.942	0
200	2000	359	900	3	0	1	0	0.564	24	6.887	0
200	2000	359	930	3	0	1	0	0.562	25	6.838	0
200	2000	359	1000	3	0	1	0	0.559	24	6.828	0
200	2000	359	1030	3	0	1	0	0.557	24	6.848	0
200	2000	359	1100	3	0	1	0	0.557	24	6.913	0
200	2000	359	1130	3	0	1	0	0.555	25	7.03	0
200	2000	359	1200	3	0	1	0	0.556	25	7.18	0
200	2000	359	1230	3	0	1	0	0.558	25	7.33	0
200	2000	359	1300	3	0	1	0	0.56	25	7.5	0
200	2000	359	1330	3	0	1	0	0.567	24	7.65	0
200	2000	359	1400	3	0	1	0	0.564	24	7.73	0
200	2000	359	1430	3	0	1	0	0.536	25	7.79	0
200	2000	359	1500	3	0	1	0	0.523	25	7.8	0
200	2000	359	1530	3	0	1	0	0.518	24	7.8	0
200	2000	359	1600	3	0	1	0	0.511	24	7.74	0
200	2000	359	1630	3	0	1	0	0.572	24	7.68	0
200	2000	359	1700	3	0	1	0	0.569	24	7.59	0
200	2000	359	1730	3	0	1	0	0.515	23	7.52	0
200	2000	359	1800	3	0	1	0	0.523	25	7.44	0
200	2000	359	1830	3	0	1	0	0.515	24	7.37	0
200	2000	359	1900	3	0	1	0	0.503	24	7.29	0
200	2000	359	1930	3	0	1	0	0.496	24	7.25	0
200	2000	359	2000	3	0	1	0	0.497	25	7.16	0
200	2000	359	2030	3	0	1	0	0.494	24	7.1	0
200	2000	359	2100	3	0	1	0	0.5	25	7.02	0
200	2000	359	2130	3	0	1	0	0.497	25	6.956	0
200	2000	359	2200	3	0	1	0	0.487	25	6.899	0
200	2000	359	2230	3	0	1	0	0.496	25	6.832	0
200	2000	359	2300	3	0	1	0	0.501	24	6.776	0
200	2000	359	2330	3	0	1	0	0.491	25	6.699	0
200	2000	359	2400	3	0	1	0	0.471	25	6.643	0
200	2000	360	30	3	0	1	0	0.475	25	6.586	0
200	2000	360	100	3	0	1	0	0.472	24	6.529	0
200	2000	360	130	3	0	1	0	0.467	25	6.472	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	360	200	3	0	1	0	0.461	25	6.435	0
200	2000	360	230	3	0	1	0	0.458	25	6.37	0
200	2000	360	300	3	0	1	0	0.458	26	6.341	0
200	2000	360	330	3	0	1	0	0.458	24	6.311	0
200	2000	360	400	3	0	1	0	0.479	24	6.256	0
200	2000	360	430	3	0	1	0	0.483	24	6.207	0
200	2000	360	500	3	0	1	0	0.479	24	6.149	0
200	2000	360	530	3	0	1	0	0.472	24	6.103	0
200	2000	360	600	3	0	1	0	0.476	24	6.056	0
200	2000	360	630	3	0	1	0	0.477	23	6.008	0
200	2000	360	700	3	0	1	0	0.467	23	5.961	0
200	2000	360	730	3	0	1	0	0.458	24	5.932	0
200	2000	360	800	3	0	1	0	0.448	24	5.884	0
200	2000	360	830	3	0	1	0	0.449	24	5.855	0
200	2000	360	900	3	0	1	0	0.463	25	5.836	0
200	2000	360	930	3	0	1	0	0.467	24	5.837	0
200	2000	360	1000	3	0	1	0	0.469	24	5.913	0
200	2000	360	1030	3	0	1	0	0.463	23	6.015	0
200	2000	360	1100	3	0	1	0	0.457	24	6.136	0
200	2000	360	1130	3	0	1	0	0.459	24	6.25	0
200	2000	360	1200	3	0	1	0	0.455	23	6.401	0
200	2000	360	1230	3	0	1	0	0.451	23	6.583	0
200	2000	360	1300	3	0	1	0	0.447	23	6.744	0
200	2000	360	1330	3	0	1	0	0.445	23	6.916	0
200	2000	360	1400	3	0	1	0	0.443	23	7.06	0
200	2000	360	1430	3	0	1	0	0.451	24	7.15	0
200	2000	360	1500	3	0	1	0	0.469	23	7.21	0
200	2000	360	1530	3	0	1	0	0.473	23	7.21	0
200	2000	360	1600	3	0	1	0	0.47	24	7.18	0
200	2000	360	1630	3	0	1	0	0.466	24	7.14	0
200	2000	360	1700	3	0	1	0	0.506	23	7.09	0
200	2000	360	1730	3	0	1	0	0.51	23	7.02	0
200	2000	360	1800	3	0	1	0	0.507	24	6.96	0
200	2000	360	1830	3	0	1	0	0.504	24	6.895	0
200	2000	360	1900	3	0	1	0	0.496	24	6.838	0
200	2000	360	1930	3	0	1	0	0.501	23	6.771	0
200	2000	360	2000	3	0	1	0	0.501	24	6.706	0
200	2000	360	2030	3	0	1	0	0.503	24	6.628	0
200	2000	360	2100	3	0	1	0	0.499	24	6.563	0
200	2000	360	2130	3	0	1	0	0.498	24	6.505	0
200	2000	360	2200	3	0	1	0	0.486	23	6.439	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	360	2230	3	0	1	0	0.499	23	6.392	0
200	2000	360	2300	3	0	1	0	0.495	23	6.333	0
200	2000	360	2330	3	0	1	0	0.477	23	6.279	0
200	2000	360	2400	3	0	1	0	0.457	23	6.232	0
200	2000	361	30	3	0	1	0	0.477	23	6.174	0
200	2000	361	100	3	0	1	0	0.483	24	6.127	0
200	2000	361	130	3	0	1	0	0.484	23	6.09	0
200	2000	361	200	3	0	1	0	0.485	23	6.025	0
200	2000	361	230	3	0	1	0	0.478	24	5.997	0
200	2000	361	300	3	0	1	0	0.477	23	5.949	0
200	2000	361	330	3	0	1	0	0.467	25	5.891	0
200	2000	361	400	3	0	1	0	0.469	23	5.833	0
200	2000	361	430	3	0	1	0	0.477	24	5.796	0
200	2000	361	500	3	0	1	0	0.476	25	5.757	0
200	2000	361	530	3	0	1	0	0.478	24	5.713	0
200	2000	361	600	3	0	1	0	0.477	24	5.665	0
200	2000	361	630	3	0	1	0	0.477	24	5.635	0
200	2000	361	700	3	0	1	0	0.478	24	5.589	0
200	2000	361	730	3	0	1	0	0.477	25	5.541	0
200	2000	361	800	3	0	1	0	0.474	24	5.513	0
200	2000	361	830	3	0	1	0	0.474	23	5.475	0
200	2000	361	900	3	0	1	0	0.475	24	5.465	0
200	2000	361	930	3	0	1	0	0.473	23	5.446	0
200	2000	361	1000	3	0	1	0	0.472	23	5.455	0
200	2000	361	1030	3	0	1	0	0.465	24	5.503	0
200	2000	361	1100	3	0	1	0	0.458	24	5.616	0
200	2000	361	1130	3	0	1	0	0.452	25	5.796	0
200	2000	361	1200	3	0	1	0	0.447	24	6.013	0
200	2000	361	1230	3	0	1	0	0.445	24	6.23	0
200	2000	361	1300	3	0	1	0	0.438	24	6.477	0
200	2000	361	1330	3	0	1	0	0.413	24	6.697	0
200	2000	361	1400	3	0	0	0	0.354	24	6.864	0
200	2000	361	1430	3	2	1	4	0.418	25	7.02	0
200	2000	361	1500	3	0	1	0	0.424	25	7.11	0
200	2000	361	1530	3	0	1	0	0.423	24	7.14	0
200	2000	361	1600	3	0	0	0	0.375	24	7.13	0
200	2000	361	1630	3	0	1	0	0.403	24	7.11	0
200	2000	361	1700	3	0	1	0	0.434	24	7.08	0
200	2000	361	1730	3	0	1	0	0.442	24	7.01	0
200	2000	361	1800	3	0	1	0	0.418	24	6.941	0
200	2000	361	1830	3	0	1	0	0.441	24	6.863	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	361	1900	3	0	1	0	0.453	25	6.778	0
200	2000	361	1930	3	0	1	0	0.45	25	6.713	0
200	2000	361	2000	3	0	1	0	0.432	24	6.693	0
200	2000	361	2030	3	0	1	0	0.432	24	6.686	0
200	2000	361	2100	3	0	1	0	0.423	24	6.698	0
200	2000	361	2130	3	0	1	0	0.45	25	6.706	0
200	2000	361	2200	3	0	1	0	0.451	25	6.705	0
200	2000	361	2230	3	0	1	0	0.45	25	6.724	0
200	2000	361	2300	3	0	1	0	0.45	25	6.725	0
200	2000	361	2330	3	0	1	0	0.446	26	6.697	0
200	2000	361	2400	3	0	1	0	0.446	25	6.676	0
200	2000	362	30	3	0	1	0	0.442	25	6.639	0
200	2000	362	100	3	0	1	0	0.439	25	6.621	0
200	2000	362	130	3	0	1	0	0.44	26	6.583	0
200	2000	362	200	3	0	1	0	0.444	25	6.554	0
200	2000	362	230	3	0	1	0	0.444	25	6.515	0
200	2000	362	300	3	0	1	0	0.445	25	6.506	0
200	2000	362	330	3	0	1	0	0.445	26	6.468	0
200	2000	362	400	3	0	1	0	0.443	26	6.45	0
200	2000	362	430	3	0	1	0	0.44	26	6.439	0
200	2000	362	500	3	0	1	0	0.441	27	6.411	0
200	2000	362	530	3	0	1	0	0.438	27	6.381	0
200	2000	362	600	3	0	1	0	0.439	26	6.353	0
200	2000	362	630	3	0	1	0	0.438	28	6.324	0
200	2000	362	700	3	0	1	0	0.438	27	6.316	0
200	2000	362	730	3	0	1	0	0.437	29	6.287	0
200	2000	362	800	3	0	1	0	0.435	30	6.269	0
200	2000	362	830	3	0	1	0	0.436	30	6.249	0
200	2000	362	900	3	0	1	0	0.433	27	6.259	0
200	2000	362	930	3	0	1	0	0.427	28	6.297	0
200	2000	362	1000	3	0	1	0	0.426	29	6.326	0
200	2000	362	1030	3	0	1	0	0.425	28	6.41	0
200	2000	362	1100	3	0	1	0	0.421	29	6.505	0
200	2000	362	1130	3	0	1	0	0.412	28	6.65	0
200	2000	362	1200	3	0	1	0	0.406	28	6.782	0
200	2000	362	1230	3	0	0	0	0.398	28	6.935	0
200	2000	362	1300	3	0	0	0	0.389	28	7.12	0
200	2000	362	1330	3	0	0	0	0.38	28	7.3	0
200	2000	362	1400	3	0	0	0	0.386	29	7.41	0
200	2000	362	1430	3	0	0	0	0.391	29	7.5	0
200	2000	362	1500	3	0	0	0	0.391	29	7.56	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	362	1530	3	0	0	0	0.389	29	7.62	0
200	2000	362	1600	3	0	0	0	0.388	29	7.61	0
200	2000	362	1630	3	0	0	0	0.39	30	7.56	0
200	2000	362	1700	3	0	0	0	0.389	29	7.47	0
200	2000	362	1730	3	0	0	0	0.369	29	7.35	0
200	2000	362	1800	3	0	0	0	0.398	29	7.23	0
200	2000	362	1830	3	3	1	4	0.4	29	7.1	0
200	2000	362	1900	3	0	1	0	0.401	30	6.982	0
200	2000	362	1930	3	0	0	0	0.382	31	6.868	0
200	2000	362	2000	3	0	0	0	0.4	30	6.782	0
200	2000	362	2030	3	0	0	0	0.386	28	6.686	0
200	2000	362	2100	3	0	1	0	0.414	30	6.591	0
200	2000	362	2130	3	0	1	0	0.402	28	6.488	0
200	2000	362	2200	3	0	1	0	0.42	28	6.393	0
200	2000	362	2230	3	0	1	0	0.42	28	6.299	0
200	2000	362	2300	3	0	1	0	0.412	27	6.204	0
200	2000	362	2330	3	0	0	0	0.376	28	6.128	0
200	2000	362	2400	3	0	0	0	0.377	28	6.033	0
200	2000	363	30	3	0	0	0	0.386	27	5.938	0
200	2000	363	100	3	0	0	0	0.385	28	5.864	0
200	2000	363	130	3	0	0	0	0.385	29	5.788	0
200	2000	363	200	3	4	1	4	0.42	30	5.722	0
200	2000	363	230	3	0	1	0	0.421	28	5.636	0
200	2000	363	300	3	0	1	0	0.421	29	5.589	0
200	2000	363	330	3	0	1	0	0.418	29	5.503	0
200	2000	363	400	3	0	0	0	0.389	30	5.437	0
200	2000	363	430	3	0	0	0	0.383	29	5.38	0
200	2000	363	500	3	0	0	0	0.383	29	5.305	0
200	2000	363	530	3	0	0	0	0.383	28	5.256	0
200	2000	363	600	3	0	0	0	0.377	30	5.199	0
200	2000	363	630	3	0	0	0	0.37	29	5.142	0
200	2000	363	700	3	0	0	0	0.371	30	5.075	0
200	2000	363	730	3	0	0	0	0.37	30	5.037	0
200	2000	363	800	3	0	0	0	0.364	30	4.989	0
200	2000	363	830	3	0	0	0	0.368	30	4.952	0
200	2000	363	900	3	0	0	0	0.37	29	4.922	0
200	2000	363	930	3	0	0	0	0.366	29	4.904	0
200	2000	363	1000	3	0	0	0	0.366	30	4.895	0
200	2000	363	1030	3	0	0	0	0.364	30	4.904	0
200	2000	363	1100	3	0	0	0	0.36	31	4.979	0
200	2000	363	1130	3	0	0	0	0.351	31	5.121	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2000	363	1200	3	0	0	0	0.343	32	5.293	0
200	2000	363	1230	3	0	0	0	0.339	32	5.452	0
200	2000	363	1300	3	0	0	0	0.333	31	5.679	0
200	2000	363	1330	3	0	0	0	0.368	33	5.953	0
200	2000	363	1400	3	0	0	0	0.361	31	6.192	0
200	2000	363	1430	3	0	0	0	0.347	33	6.341	0
200	2000	363	1500	3	0	0	0	0.36	32	6.445	0
200	2000	363	1530	3	0	0	0	0.36	33	6.539	0
200	2000	363	1600	3	0	0	0	0.36	34	6.597	0
200	2000	363	1630	3	0	0	0	0.359	32	6.596	0
200	2000	363	1700	3	0	0	0	0.359	33	6.54	0
200	2000	363	1730	3	0	0	0	0.359	33	6.453	0
200	2000	363	1800	3	0	0	0	0.337	32	6.367	0
200	2000	363	1830	3	0	0	0	0.355	33	6.262	0
200	2000	363	1900	3	0	0	0	0.35	34	6.169	0
200	2000	363	1930	3	0	0	0	0.355	33	6.085	0
200	2000	363	2000	3	0	0	0	0.357	34	5.981	0
200	2000	363	2030	3	0	0	0	0.374	30	5.893	0
200	2000	363	2100	3	0	0	0	0.375	30	5.828	0
200	2000	363	2130	3	0	0	0	0.377	32	5.734	0
200	2000	363	2200	3	0	0	0	0.37	31	5.658	0
200	2000	363	2230	3	0	0	0	0.344	32	5.584	0
200	2000	363	2300	3	0	0	0	0.364	32	5.508	0
200	2000	363	2330	3	0	0	0	0.362	31	5.424	0
200	2000	363	2400	3	0	0	0	0.364	32	5.338	0
200	2000	364	30	3	0	0	0	0.387	32	5.291	0
200	2000	364	100	3	0	0	0	0.389	31	5.196	0
200	2000	364	130	3	0	0	0	0.389	31	5.131	0
200	2000	364	200	3	0	0	0	0.395	31	5.065	0
200	2000	364	230	3	0	0	0	0.395	31	5.008	0
200	2000	364	300	3	0	0	0	0.396	31	4.932	0
200	2000	364	330	3	0	0	0	0.395	32	4.875	0
200	2000	364	400	3	0	0	0	0.396	32	4.828	0
200	2000	364	430	3	0	0	0	0.392	34	4.771	0
200	2000	364	500	3	0	0	0	0.393	32	4.704	0
200	2000	364	530	3	0	0	0	0.393	33	4.657	0
200	2000	364	600	3	0	0	0	0.39	33	4.629	0
200	2000	364	630	3	0	0	0	0.389	32	4.62	0
200	2000	364	700	3	0	0	0	0.388	34	4.6	0
200	2000	364	730	3	0	0	0	0.389	33	4.581	0
200	2000	364	800	3	0	0	0	0.388	33	4.581	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	364	830	3	0	0	0	0.387	32	4.628	0
200	2000	364	900	3	0	0	0	0.385	34	4.657	0
200	2000	364	930	3	0	0	0	0.378	33	4.742	0
200	2000	364	1000	3	0	0	0	0.384	34	4.843	0
200	2000	364	1030	3	0	0	0	0.382	33	4.936	0
200	2000	364	1100	3	0	0	0	0.37	33	5.031	0
200	2000	364	1130	3	0	0	0	0.346	34	5.221	0
200	2000	364	1200	3	0	0	0	0.333	34	5.399	0
200	2000	364	1230	3	0	0	0	0.336	33	5.58	0
200	2000	364	1300	3	0	0	0	0.323	32	5.78	0
200	2000	364	1330	3	0	0	0	0.33	34	6.005	0
200	2000	364	1400	3	0	0	0	0.31	33	6.207	0
200	2000	364	1430	3	0	0	0	0.336	35	6.337	0
200	2000	364	1500	3	0	0	0	0.334	34	6.406	0
200	2000	364	1530	3	0	0	0	0.332	33	6.492	0
200	2000	364	1600	3	0	0	0	0.33	34	6.548	0
200	2000	364	1630	3	0	0	0	0.327	34	6.577	0
200	2000	364	1700	3	0	0	0	0.34	33	6.538	0
200	2000	364	1730	3	0	0	0	0.336	33	6.483	0
200	2000	364	1800	3	0	0	0	0.338	33	6.395	0
200	2000	364	1830	3	0	0	0	0.341	34	6.309	0
200	2000	364	1900	3	0	0	0	0.336	33	6.187	0
200	2000	364	1930	3	0	0	0	0.322	34	6.056	0
200	2000	364	2000	3	0	0	0	0.333	35	5.941	0
200	2000	364	2030	3	0	0	0	0.344	34	5.847	0
200	2000	364	2100	3	0	0	0	0.35	35	5.742	0
200	2000	364	2130	3	0	0	0	0.35	36	5.668	0
200	2000	364	2200	3	0	0	0	0.344	35	5.601	0
200	2000	364	2230	3	0	0	0	0.351	35	5.524	0
200	2000	364	2300	3	0	0	0	0.353	35	5.448	0
200	2000	364	2330	3	0	0	0	0.355	36	5.355	0
200	2000	364	2400	3	0	0	0	0.357	37	5.291	0
200	2000	365	30	3	0	0	0	0.359	35	5.234	0
200	2000	365	100	3	0	0	0	0.362	35	5.14	0
200	2000	365	130	3	0	0	0	0.363	37	5.082	0
200	2000	365	200	3	0	0	0	0.364	38	5.007	0
200	2000	365	230	3	0	0	0	0.37	37	4.94	0
200	2000	365	300	3	0	0	0	0.376	37	4.875	0
200	2000	365	330	3	0	0	0	0.383	37	4.8	0
200	2000	365	400	3	0	0	0	0.381	37	4.734	0
200	2000	365	430	3	0	0	0	0.379	36	4.705	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	365	500	3	0	0	0	0.377	37	4.704	0
200	2000	365	530	3	0	0	0	0.373	37	4.686	0
200	2000	365	600	3	0	0	0	0.37	46	4.657	0
200	2000	365	630	3	0	0	0	0.374	40	4.61	0
200	2000	365	700	3	0	0	0	0.375	38	4.58	0
200	2000	365	730	3	0	0	0	0.375	40	4.553	0
200	2000	365	800	3	0	0	0	0.375	39	4.513	0
200	2000	365	830	3	0	0	0	0.375	39	4.486	0
200	2000	365	900	3	0	0	0	0.375	39	4.458	0
200	2000	365	930	3	0	0	0	0.377	39	4.449	0
200	2000	365	1000	3	0	0	0	0.376	39	4.438	0
200	2000	365	1030	3	0	0	0	0.375	40	4.447	0
200	2000	365	1100	3	0	0	0	0.374	38	4.522	0
200	2000	365	1130	3	0	0	0	0.363	38	4.634	0
200	2000	365	1200	3	0	0	0	0.352	40	4.825	0
200	2000	365	1230	3	0	0	0	0.343	39	5.023	0
200	2000	365	1300	3	0	0	0	0.338	39	5.222	0
200	2000	365	1330	3	0	0	0	0.33	38	5.42	0
200	2000	365	1400	3	0	0	0	0.329	39	5.656	0
200	2000	365	1430	3	0	0	0	0.332	39	5.845	0
200	2000	365	1500	3	0	0	0	0.329	39	5.984	0
200	2000	365	1530	3	0	0	0	0.329	40	6.091	0
200	2000	365	1600	3	0	0	0	0.328	40	6.166	0
200	2000	365	1630	3	0	0	0	0.328	39	6.225	0
200	2000	365	1700	3	0	0	0	0.328	38	6.234	0
200	2000	365	1730	3	0	0	0	0.328	38	6.204	0
200	2000	365	1800	3	0	0	0	0.329	39	6.157	0
200	2000	365	1830	3	0	0	0	0.329	38	6.089	0
200	2000	365	1900	3	0	0	0	0.331	39	6.007	0
200	2000	365	1930	3	0	0	0	0.333	39	5.901	0
200	2000	365	2000	3	0	0	0	0.336	40	5.788	0
200	2000	365	2030	3	0	0	0	0.337	39	5.684	0
200	2000	365	2100	3	0	0	0	0.34	38	5.628	0
200	2000	365	2130	3	0	0	0	0.342	38	5.572	0
200	2000	365	2200	3	0	0	0	0.344	40	5.533	0
200	2000	365	2230	3	0	0	0	0.347	43	5.515	0
200	2000	365	2300	3	0	0	0	0.35	42	5.486	0
200	2000	365	2330	3	0	0	0	0.349	41	5.44	0
200	2000	365	2400	3	0	0	0	0.346	40	5.412	0
200	2000	366	30	3	0	0	0	0.35	39	5.354	0
200	2000	366	100	3	0	0	0	0.35	40	5.325	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	366	130	3	0	0	0	0.35	41	5.326	0
200	2000	366	200	3	0	0	0	0.351	38	5.324	0
200	2000	366	230	3	0	0	0	0.356	39	5.287	0
200	2000	366	300	3	0	0	0	0.355	40	5.316	0
200	2000	366	330	3	0	0	0	0.352	40	5.316	0
200	2000	366	400	3	0	0	0	0.348	39	5.315	0
200	2000	366	430	3	0	0	0	0.342	39	5.326	0
200	2000	366	500	3	0	0	0	0.341	40	5.297	0
200	2000	366	530	3	0	0	0	0.342	39	5.315	0
200	2000	366	600	3	0	0	0	0.343	39	5.286	0
200	2000	366	630	3	0	0	0	0.344	40	5.268	0
200	2000	366	700	3	0	0	0	0.347	38	5.23	0
200	2000	366	730	3	0	0	0	0.35	34	5.192	0
200	2000	366	800	3	0	0	0	0.353	36	5.153	0
200	2000	366	830	3	0	0	0	0.357	34	5.097	0
200	2000	366	900	3	0	0	0	0.362	35	5.052	0
200	2000	366	930	3	0	0	0	0.363	34	5.024	0
200	2000	366	1000	3	0	0	0	0.363	35	5.033	0
200	2000	366	1030	3	0	0	0	0.359	35	5.042	0
200	2000	366	1100	3	0	0	0	0.349	35	5.071	0
200	2000	366	1130	3	0	0	0	0.344	35	5.173	0
200	2000	366	1200	3	0	0	0	0.333	34	5.355	0
200	2000	366	1230	3	0	0	0	0.329	34	5.554	0
200	2000	366	1300	3	0	0	0	0.323	34	5.714	0
200	2000	366	1330	3	0	0	0	0.319	36	5.915	0
200	2000	366	1400	3	0	0	0	0.32	34	6.112	0
200	2000	366	1430	3	0	0	0	0.321	35	6.301	0
200	2000	366	1500	3	0	0	0	0.32	34	6.403	0
200	2000	366	1530	3	0	0	0	0.335	37	6.491	0
200	2000	366	1600	3	0	0	0	0.349	34	6.568	0
200	2000	366	1630	3	0	0	0	0.352	35	6.616	0
200	2000	366	1700	3	0	0	0	0.317	34	6.626	0
200	2000	366	1730	3	0	0	0	0.317	36	6.607	0
200	2000	366	1800	3	0	0	0	0.318	35	6.587	0
200	2000	366	1830	3	0	0	0	0.317	35	6.588	0
200	2000	366	1900	3	0	0	0	0.322	36	6.552	0
200	2000	366	1930	3	0	0	0	0.324	35	6.512	0
200	2000	366	2000	3	0	0	0	0.327	36	6.464	0
200	2000	366	2030	3	0	0	0	0.328	35	6.379	0
200	2000	366	2100	3	0	0	0	0.329	36	6.303	0
200	2000	366	2130	3	0	0	0	0.328	36	6.226	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2000	366	2200	3	0	0	0	0.329	37	6.189	0
200	2000	366	2230	3	0	0	0	0.331	36	6.123	0
200	2000	366	2300	3	0	0	0	0.331	37	6.086	0
200	2000	366	2330	3	0	0	0	0.335	37	6.048	0
200	2000	366	2400	3	0	0	0	0.33	36	6.009	0
200	2001	1	30	3	0	0	0	0.327	35	5.944	0
200	2001	1	100	3	0	0	0	0.33	35	5.896	0
200	2001	1	130	3	0	0	0	0.334	35	5.84	0
200	2001	1	200	3	0	0	0	0.337	37	5.782	0
200	2001	1	230	3	0	0	0	0.342	35	5.735	0
200	2001	1	300	3	0	0	0	0.341	35	5.668	0
200	2001	1	330	3	0	0	0	0.344	36	5.621	0
200	2001	1	400	3	0	0	0	0.344	35	5.554	0
200	2001	1	430	3	0	0	0	0.353	36	5.508	0
200	2001	1	500	3	0	0	0	0.357	47	5.432	0
200	2001	1	530	3	0	0	0	0.344	37	5.383	0
200	2001	1	600	3	0	0	0	0.348	38	5.327	0
200	2001	1	630	3	0	0	0	0.346	38	5.271	0
200	2001	1	700	3	0	0	0	0.36	38	5.194	0
200	2001	1	730	3	0	0	0	0.36	37	5.149	0
200	2001	1	800	3	0	0	0	0.357	38	5.071	0
200	2001	1	830	3	0	0	0	0.358	38	4.997	0
200	2001	1	900	3	0	0	0	0.357	39	4.96	0
200	2001	1	930	3	0	0	0	0.357	38	4.913	0
200	2001	1	1000	3	0	0	0	0.357	38	4.873	0
200	2001	1	1030	3	0	0	0	0.356	38	4.864	0
200	2001	1	1100	3	0	0	0	0.351	38	4.875	0
200	2001	1	1130	3	0	0	0	0.344	39	4.961	0
200	2001	1	1200	3	0	0	0	0.335	39	5.157	0
200	2001	1	1230	3	0	0	0	0.324	39	5.335	0
200	2001	1	1300	3	0	0	0	0.318	39	5.524	0
200	2001	1	1330	3	0	0	0	0.315	40	5.705	0
200	2001	1	1400	3	0	0	0	0.313	41	5.913	0
200	2001	1	1430	3	0	0	0	0.313	40	6.074	0
200	2001	1	1500	3	0	0	0	0.312	39	6.195	0
200	2001	1	1530	3	0	0	0	0.31	39	6.32	0
200	2001	1	1600	3	0	0	0	0.31	40	6.435	0
200	2001	1	1630	3	0	0	0	0.311	39	6.53	0
200	2001	1	1700	3	0	0	0	0.312	39	6.606	0
200	2001	1	1730	3	0	0	0	0.309	38	6.656	0
200	2001	1	1800	3	0	0	0	0.309	39	6.645	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	1	1830	3	0	0	0	0.31	38	6.635	0
200	2001	1	1900	3	0	0	0	0.311	37	6.624	0
200	2001	1	1930	3	0	0	0	0.316	37	6.578	0
200	2001	1	2000	3	0	0	0	0.319	37	6.491	0
200	2001	1	2030	3	0	0	0	0.321	39	6.409	0
200	2001	1	2100	3	0	0	0	0.318	17	6.312	0
200	2001	1	2130	3	0	0	0	0.319	14	6.217	0
200	2001	1	2200	3	0	0	0	0.326	14	6.124	0
200	2001	1	2230	3	0	0	0	0.33	15	6.01	0
200	2001	1	2300	3	0	0	0	0.331	14	5.923	0
200	2001	1	2330	3	0	0	0	0.333	15	5.848	0
200	2001	1	2400	3	0	0	0	0.331	16	5.762	0
200	2001	2	30	3	0	0	0	0.338	16	5.705	0
200	2001	2	100	3	0	0	0	0.342	14	5.64	0
200	2001	2	130	3	0	0	0	0.351	16	5.564	0
200	2001	2	200	3	0	0	0	0.35	14	5.517	0
200	2001	2	230	3	0	0	0	0.349	15	5.479	0
200	2001	2	300	3	0	0	0	0.345	16	5.451	0
200	2001	2	330	3	0	0	0	0.343	17	5.422	0
200	2001	2	400	3	0	0	0	0.344	18	5.402	0
200	2001	2	430	3	0	0	0	0.344	17	5.363	0
200	2001	2	500	3	0	0	0	0.349	16	5.363	0
200	2001	2	530	3	0	0	0	0.347	17	5.345	0
200	2001	2	600	3	0	0	0	0.349	17	5.316	0
200	2001	2	630	3	0	0	0	0.348	16	5.304	0
200	2001	2	700	3	0	0	0	0.349	18	5.276	0
200	2001	2	730	3	0	0	0	0.349	16	5.277	0
200	2001	2	800	3	0	0	0	0.349	17	5.258	0
200	2001	2	830	3	0	0	0	0.349	15	5.22	0
200	2001	2	900	3	0	0	0	0.348	14	5.173	0
200	2001	2	930	3	0	0	0	0.346	15	5.164	0
200	2001	2	1000	3	0	0	0	0.345	15	5.135	0
200	2001	2	1030	3	0	0	0	0.344	17	5.126	0
200	2001	2	1100	3	0	0	0	0.34	17	5.173	0
200	2001	2	1130	3	0	0	0	0.337	16	5.277	0
200	2001	2	1200	3	0	0	0	0.332	16	5.439	0
200	2001	2	1230	3	0	0	0	0.322	16	5.648	0
200	2001	2	1300	3	0	0	0	0.312	16	5.836	0
200	2001	2	1330	3	0	0	0	0.308	15	6.037	0
200	2001	2	1400	3	0	0	0	0.304	16	6.225	0
200	2001	2	1430	3	0	0	0	0.306	16	6.397	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	2	1500	3	0	0	0	0.303	17	6.5	0
200	2001	2	1530	3	0	0	0	0.302	16	6.567	0
200	2001	2	1600	3	0	0	0	0.301	16	6.634	0
200	2001	2	1630	3	0	0	0	0.302	17	6.683	0
200	2001	2	1700	3	0	0	0	0.302	15	6.75	0
200	2001	2	1730	3	0	0	0	0.302	16	6.74	0
200	2001	2	1800	3	0	0	0	0.303	16	6.722	0
200	2001	2	1830	3	0	0	0	0.306	16	6.665	0
200	2001	2	1900	3	0	0	0	0.306	16	6.625	0
200	2001	2	1930	3	0	0	0	0.31	16	6.539	0
200	2001	2	2000	3	0	0	0	0.313	16	6.456	0
200	2001	2	2030	3	0	0	0	0.317	16	6.343	0
200	2001	2	2100	3	0	0	0	0.319	17	6.22	0
200	2001	2	2130	3	0	0	0	0.325	16	6.095	0
200	2001	2	2200	3	0	0	0	0.333	16	5.962	0
200	2001	2	2230	3	0	0	0	0.338	17	5.841	0
200	2001	2	2300	3	0	0	0	0.342	17	5.736	0
200	2001	2	2330	3	0	0	0	0.342	16	5.62	0
200	2001	2	2400	3	0	0	0	0.341	17	5.517	0
200	2001	3	30	3	0	0	0	0.342	17	5.451	0
200	2001	3	100	3	0	0	0	0.343	21	5.368	0
200	2001	3	130	3	0	0	0	0.343	20	5.31	0
200	2001	3	200	3	0	0	0	0.339	21	5.223	0
200	2001	3	230	3	0	0	0	0.34	23	5.167	0
200	2001	3	300	3	0	0	0	0.339	25	5.099	0
200	2001	3	330	3	0	0	0	0.338	22	5.023	0
200	2001	3	400	3	0	0	0	0.337	19	4.969	0
200	2001	3	430	3	0	0	0	0.336	17	4.903	0
200	2001	3	500	3	0	0	0	0.338	19	4.837	0
200	2001	3	530	3	0	0	0	0.337	18	4.789	0
200	2001	3	600	3	0	0	0	0.338	17	4.732	0
200	2001	3	630	3	0	0	0	0.334	19	4.657	0
200	2001	3	700	3	0	0	0	0.333	18	4.618	0
200	2001	3	730	3	0	0	0	0.336	17	4.553	0
200	2001	3	800	3	0	0	0	0.332	18	4.505	0
200	2001	3	830	3	0	0	0	0.328	18	4.485	0
200	2001	3	900	3	0	0	0	0.329	19	4.495	0
200	2001	3	930	3	0	0	0	0.331	17	4.514	0
200	2001	3	1000	3	0	0	0	0.332	20	4.578	0
200	2001	3	1030	3	0	0	0	0.33	18	4.662	0
200	2001	3	1100	3	0	0	0	0.325	20	4.794	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	3	1130	3	0	0	0	0.325	19	4.907	0
200	2001	3	1200	3	0	0	0	0.324	20	5.039	0
200	2001	3	1230	3	0	0	0	0.322	19	5.198	0
200	2001	3	1300	3	0	0	0	0.316	20	5.37	0
200	2001	3	1330	3	0	0	0	0.307	20	5.586	0
200	2001	3	1400	3	0	0	0	0.302	20	5.804	0
200	2001	3	1430	3	0	0	0	0.298	20	5.997	0
200	2001	3	1500	3	0	0	0	0.299	19	6.09	0
200	2001	3	1530	3	0	0	0	0.301	21	6.167	0
200	2001	3	1600	3	0	0	0	0.301	20	6.234	0
200	2001	3	1630	3	0	0	0	0.299	21	6.3	0
200	2001	3	1700	3	0	0	0	0.303	19	6.365	0
200	2001	3	1730	3	0	0	0	0.303	20	6.434	0
200	2001	3	1800	3	0	0	0	0.308	21	6.446	0
200	2001	3	1830	3	0	0	0	0.311	21	6.473	0
200	2001	3	1900	3	0	0	0	0.316	21	6.474	0
200	2001	3	1930	3	0	0	0	0.316	22	6.472	0
200	2001	3	2000	3	0	0	0	0.31	21	6.446	0
200	2001	3	2030	3	0	0	0	0.316	23	6.456	0
200	2001	3	2100	3	0	0	0	0.32	23	6.388	0
200	2001	3	2130	3	0	0	0	0.325	21	6.351	0
200	2001	3	2200	3	0	0	0	0.324	25	6.285	0
200	2001	3	2230	3	0	0	0	0.323	23	6.238	0
200	2001	3	2300	3	0	0	0	0.323	20	6.163	0
200	2001	3	2330	3	0	0	0	0.325	20	6.096	0
200	2001	3	2400	3	0	0	0	0.323	20	6.047	0
200	2001	4	30	3	0	0	0	0.319	19	5.971	0
200	2001	4	100	3	0	0	0	0.317	26	5.914	0
200	2001	4	130	3	0	0	0	0.311	25	5.875	0
200	2001	4	200	3	0	0	0	0.31	21	5.819	0
200	2001	4	230	3	0	0	0	0.31	20	5.763	0
200	2001	4	300	3	0	0	0	0.314	21	5.706	0
200	2001	4	330	3	0	0	0	0.322	21	5.64	0
200	2001	4	400	3	0	0	0	0.324	35	5.583	0
200	2001	4	430	3	0	0	0	0.324	28	5.546	0
200	2001	4	500	3	0	0	0	0.321	24	5.478	0
200	2001	4	530	3	0	0	0	0.323	24	5.411	0
200	2001	4	600	3	0	0	0	0.319	27	5.328	0
200	2001	4	630	3	0	0	0	0.306	24	5.281	0
200	2001	4	700	3	0	0	0	0.283	26	5.222	0
200	2001	4	730	3	0	0	0	0.311	23	5.149	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	4	800	3	0	0	0	0.312	23	5.073	0
200	2001	4	830	3	0	0	0	0.31	24	5.025	0
200	2001	4	900	3	0	0	0	0.278	23	4.949	0
200	2001	4	930	3	0	0	0	0.313	24	4.913	0
200	2001	4	1000	3	0	0	0	0.314	24	4.875	0
200	2001	4	1030	3	0	0	0	0.312	24	4.874	0
200	2001	4	1100	3	0	0	0	0.311	26	4.884	0
200	2001	4	1130	3	0	0	0	0.306	39	4.977	0
200	2001	4	1200	3	0	0	0	0.295	19	5.166	0
200	2001	4	1230	3	0	0	0	0.285	19	5.392	0
200	2001	4	1300	3	0	0	0	0.279	19	5.637	0
200	2001	4	1330	3	0	0	0	0.276	19	5.867	0
200	2001	4	1400	3	0	0	0	0.272	17	6.063	0
200	2001	4	1430	3	0	0	0	0.278	19	6.223	0
200	2001	4	1500	3	0	0	0	0.278	19	6.319	0
200	2001	4	1530	3	0	0	0	0.277	19	6.377	0
200	2001	4	1600	3	0	0	0	0.277	20	6.406	0
200	2001	4	1630	3	0	0	0	0.277	20	6.435	0
200	2001	4	1700	3	0	0	0	0.282	18	6.501	0
200	2001	4	1730	3	0	0	0	0.282	17	6.528	0
200	2001	4	1800	3	0	0	0	0.284	21	6.547	0
200	2001	4	1830	3	0	0	0	0.285	17	6.529	0
200	2001	4	1900	3	0	0	0	0.288	18	6.492	0
200	2001	4	1930	3	0	0	0	0.292	18	6.491	0
200	2001	4	2000	3	0	0	0	0.292	18	6.514	0
200	2001	4	2030	3	0	0	0	0.286	18	6.496	0
200	2001	4	2100	3	0	0	0	0.291	18	6.447	0
200	2001	4	2130	3	0	0	0	0.289	25	6.39	0
200	2001	4	2200	3	0	0	0	0.286	25	6.303	0
200	2001	4	2230	3	0	0	0	0.286	23	6.181	0
200	2001	4	2300	3	0	0	0	0.287	23	6.077	0
200	2001	4	2330	3	0	0	0	0.287	23	5.981	0
200	2001	4	2400	3	0	0	0	0.286	22	5.867	0
200	2001	5	30	3	0	0	0	0.285	22	5.753	0
200	2001	5	100	3	0	0	0	0.286	24	5.677	0
200	2001	5	130	3	0	0	0	0.287	24	5.583	0
200	2001	5	200	3	0	0	0	0.32	25	5.506	0
200	2001	5	230	3	0	0	0	0.323	22	5.441	0
200	2001	5	300	3	0	0	0	0.322	24	5.403	0
200	2001	5	330	3	0	0	0	0.317	25	5.327	0
200	2001	5	400	3	0	0	0	0.317	28	5.269	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	5	430	3	0	0	0	0.317	21	5.242	0
200	2001	5	500	3	0	0	0	0.313	24	5.165	0
200	2001	5	530	3	0	0	0	0.318	21	5.158	0
200	2001	5	600	3	0	0	0	0.317	20	5.137	0
200	2001	5	630	3	0	0	0	0.314	22	5.117	0
200	2001	5	700	3	0	0	0	0.315	20	5.098	0
200	2001	5	730	3	0	0	0	0.317	20	5.079	0
200	2001	5	800	3	0	0	0	0.318	23	5.098	0
200	2001	5	830	3	0	0	0	0.317	20	5.107	0
200	2001	5	900	3	0	0	0	0.316	20	5.144	0
200	2001	5	930	3	0	0	0	0.311	21	5.174	0
200	2001	5	1000	3	0	0	0	0.309	20	5.276	0
200	2001	5	1030	3	0	0	0	0.304	19	5.39	0
200	2001	5	1100	3	0	0	0	0.298	21	5.548	0
200	2001	5	1130	3	0	0	0	0.291	24	5.7	0
200	2001	5	1200	3	0	0	0	0.284	23	5.921	0
200	2001	5	1230	3	0	0	0	0.278	21	6.065	0
200	2001	5	1300	3	0	0	0	0.276	20	6.273	0
200	2001	5	1330	3	0	0	0	0.272	20	6.455	0
200	2001	5	1400	3	0	0	0	0.272	20	6.665	0
200	2001	5	1430	3	0	0	0	0.274	20	6.834	0
200	2001	5	1500	3	0	0	0	0.275	21	6.98	0
200	2001	5	1530	3	0	0	0	0.274	21	7.06	0
200	2001	5	1600	3	0	0	0	0.273	32	7.09	0
200	2001	5	1630	3	0	0	0	0.272	70	7.12	0
200	2001	5	1700	3	0	0	0	0.271	17	7.15	0
200	2001	5	1730	3	0	0	0	0.272	16	7.18	0
200	2001	5	1800	3	0	0	0	0.272	21	7.18	0
200	2001	5	1830	3	0	0	0	0.272	15	7.17	0
200	2001	5	1900	3	0	0	0	0.272	13	7.16	0
200	2001	5	1930	3	0	0	0	0.273	14	7.15	0
200	2001	5	2000	3	0	0	0	0.272	12	7.17	0
200	2001	5	2030	3	0	0	0	0.272	17	7.16	0
200	2001	5	2100	3	0	0	0	0.272	11	7.15	0
200	2001	5	2130	3	0	0	0	0.273	11	7.13	0
200	2001	5	2200	3	0	0	0	0.272	11	7.13	0
200	2001	5	2230	3	0	0	0	0.272	11	7.1	0
200	2001	5	2300	3	0	0	0	0.272	11	7.08	0
200	2001	5	2330	3	0	0	0	0.272	11	7.06	0
200	2001	5	2400	3	0	0	0	0.272	12	7.04	0
200	2001	6	30	3	0	0	0	0.272	11	7.01	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	6	100	3	0	0	0	0.272	11	6.952	0
200	2001	6	130	3	0	0	0	0.272	13	6.885	0
200	2001	6	200	3	0	0	0	0.272	10	6.839	0
200	2001	6	230	3	0	0	0	0.272	10	6.791	0
200	2001	6	300	3	0	0	0	0.272	9	6.744	0
200	2001	6	330	3	0	0	0	0.272	9	6.697	0
200	2001	6	400	3	0	0	0	0.272	10	6.641	0
200	2001	6	430	3	0	0	0	0.272	11	6.573	0
200	2001	6	500	3	0	0	0	0.272	9	6.497	0
200	2001	6	530	3	0	0	0	0.272	9	6.41	0
200	2001	6	600	3	0	0	0	0.272	9	6.335	0
200	2001	6	630	3	0	0	0	0.272	9	6.249	0
200	2001	6	700	3	0	0	0	0.272	11	6.192	0
200	2001	6	730	3	0	0	0	0.271	12	6.116	0
200	2001	6	800	3	0	0	0	0.272	11	6.04	0
200	2001	6	830	3	0	0	0	0.272	11	5.974	0
200	2001	6	900	3	0	0	0	0.272	10	5.908	0
200	2001	6	930	3	0	0	0	0.272	10	5.86	0
200	2001	6	1000	3	0	0	0	0.272	10	5.794	0
200	2001	6	1030	3	0	0	0	0.272	11	5.773	0
200	2001	6	1100	3	0	0	0	0.272	11	5.764	0
200	2001	6	1130	3	0	0	0	0.272	12	5.85	0
200	2001	6	1200	3	0	0	0	0.271	11	6.002	0
200	2001	6	1230	3	0	0	0	0.272	13	6.209	0
200	2001	6	1300	3	0	0	0	0.272	13	6.42	0
200	2001	6	1330	3	0	0	0	0.271	11	6.619	0
200	2001	6	1400	3	0	0	0	0.271	13	6.781	0
200	2001	6	1430	3	0	0	0	0.27	13	6.894	0
200	2001	6	1500	3	0	0	0	0.27	12	6.978	0
200	2001	6	1530	3	0	0	0	0.27	16	6.998	0
200	2001	6	1600	3	0	0	0	0.27	14	6.989	0
200	2001	6	1630	3	0	0	0	0.27	15	7.01	0
200	2001	6	1700	3	0	0	0	0.27	14	7.05	0
200	2001	6	1730	3	0	0	0	0.269	12	7.1	0
200	2001	6	1800	3	0	0	0	0.27	14	7.11	0
200	2001	6	1830	3	0	0	0	0.271	13	7.06	0
200	2001	6	1900	3	0	0	0	0.271	14	7.05	0
200	2001	6	1930	3	0	0	0	0.271	11	7	0
200	2001	6	2000	3	0	0	0	0.271	11	6.952	0
200	2001	6	2030	3	0	0	0	0.271	12	6.884	0
200	2001	6	2100	3	0	0	0	0.27	13	6.829	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	6	2130	3	0	0	0	0.27	13	6.771	0
200	2001	6	2200	3	0	0	0	0.269	12	6.697	0
200	2001	6	2230	3	0	0	0	0.268	6	6.582	0
200	2001	6	2300	3	0	0	0	0.267	7	6.478	0
200	2001	6	2330	3	0	0	0	0.267	6	6.371	0
200	2001	6	2400	3	0	0	0	0.267	6	6.258	0
200	2001	7	30	3	0	0	0	0.267	6	6.163	0
200	2001	7	100	3	0	0	0	0.267	7	6.069	0
200	2001	7	130	3	0	0	0	0.268	6	5.983	0
200	2001	7	200	3	0	0	0	0.267	6	5.917	0
200	2001	7	230	3	0	0	0	0.268	6	5.83	0
200	2001	7	300	3	0	0	0	0.267	8	5.774	0
200	2001	7	330	3	0	0	0	0.267	6	5.689	0
200	2001	7	400	3	0	0	0	0.268	6	5.64	0
200	2001	7	430	3	0	0	0	0.267	7	5.595	0
200	2001	7	500	3	0	0	0	0.267	6	5.539	0
200	2001	7	530	3	0	0	0	0.267	9	5.492	0
200	2001	7	600	3	0	0	0	0.267	5	5.48	0
200	2001	7	630	3	0	0	0	0.267	6	5.431	0
200	2001	7	700	3	0	0	0	0.267	6	5.442	0
200	2001	7	730	3	0	0	0	0.267	6	5.421	0
200	2001	7	800	3	0	0	0	0.267	6	5.42	0
200	2001	7	830	3	0	0	0	0.266	6	5.439	0
200	2001	7	900	3	0	0	0	0.267	5	5.468	0
200	2001	7	930	3	0	0	0	0.267	6	5.515	0
200	2001	7	1000	3	0	0	0	0.267	5	5.581	0
200	2001	7	1030	3	0	0	0	0.266	6	5.685	0
200	2001	7	1100	3	0	0	0	0.266	7	5.8	0
200	2001	7	1130	3	0	0	0	0.266	6	5.978	0
200	2001	7	1200	3	0	0	0	0.266	6	6.189	0
200	2001	7	1230	3	0	0	0	0.264	6	6.434	0
200	2001	7	1300	3	0	0	0	0.265	7	6.675	0
200	2001	7	1330	3	0	0	0	0.266	6	6.884	0
200	2001	7	1400	3	0	0	0	0.268	6	7.01	0
200	2001	7	1430	3	0	0	0	0.269	6	7.13	0
200	2001	7	1500	3	0	0	0	0.269	7	7.24	0
200	2001	7	1530	3	0	0	0	0.265	8	7.33	0
200	2001	7	1600	3	0	0	0	0.268	9	7.41	0
200	2001	7	1630	3	0	0	0	0.265	3	7.5	0
200	2001	7	1700	3	0	0	0	0.266	3	7.53	0
200	2001	7	1730	3	0	0	0	0.269	3	7.6	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	7	1800	3	0	0	0	0.265	2	7.66	0
200	2001	7	1830	3	0	0	0	0.265	2	7.74	0
200	2001	7	1900	3	0	0	0	0.272	3	7.81	0
200	2001	7	1930	3	0	0	0	0.273	2	7.83	0
200	2001	7	2000	3	0	0	0	0.272	2	7.86	0
200	2001	7	2030	3	0	0	0	0.271	1	7.92	0
200	2001	7	2100	3	0	0	0	0.271	2	7.92	0
200	2001	7	2130	3	0	0	0	0.274	4	7.94	0.01
200	2001	7	2200	3	0	0	0	0.276	2	7.95	0.01
200	2001	7	2230	3	0	0	0	0.278	2	7.94	0
200	2001	7	2300	3	0	0	0	0.278	2	7.92	0
200	2001	7	2330	3	0	0	0	0.278	2	7.92	0
200	2001	7	2400	3	0	0	0	0.279	1	7.9	0.01
200	2001	8	30	3	0	0	0	0.28	3	7.88	0
200	2001	8	100	3	0	0	0	0.282	3	7.87	0.01
200	2001	8	130	3	0	0	0	0.286	3	7.86	0.04
200	2001	8	200	3	0	0	0	0.286	3	7.85	0.01
200	2001	8	230	3	0	0	0	0.29	1	7.84	0
200	2001	8	300	3	0	0	0	0.291	3	7.83	0
200	2001	8	330	3	0	0	0	0.291	3	7.8	0
200	2001	8	400	3	0	0	0	0.292	4	7.79	0
200	2001	8	430	3	0	0	0	0.292	3	7.74	0
200	2001	8	500	3	0	0	0	0.293	3	7.71	0
200	2001	8	530	3	0	0	0	0.293	2	7.7	0
200	2001	8	600	3	0	0	0	0.296	3	7.68	0.03
200	2001	8	630	3	0	0	0	0.299	3	7.68	0.01
200	2001	8	700	3	0	0	0	0.306	2	7.66	0.05
200	2001	8	730	3	0	0	0	0.308	3	7.68	0
200	2001	8	800	3	0	0	0	0.323	3	7.7	0.08
200	2001	8	830	3	0	0	0	0.33	3	7.74	0
200	2001	8	900	3	0	0	0	0.351	6	7.75	0.05
200	2001	8	930	3	0	0	0	0.359	21	7.8	0.02
200	2001	8	1000	3	0	0	0	0.374	39	7.84	0.03
200	2001	8	1030	3	0	0	0	0.381	59	7.92	0.01
200	2001	8	1100	3	0	0	0	0.386	57	7.99	0
200	2001	8	1130	3	0	0	0	0.393	51	8.08	0
200	2001	8	1200	3	5	1	4	0.404	40	8.15	0
200	2001	8	1230	3	0	2	0	0.42	31	8.24	0.01
200	2001	8	1300	3	0	2	0	0.431	21	8.38	0
200	2001	8	1330	3	6	2	1	0.451	18	8.45	0
200	2001	8	1400	3	0	2	0	0.473	16	8.58	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	8	1430	3	0	2	0	0.493	14	8.64	0
200	2001	8	1500	3	0	2	0	0.605	18	8.71	0
200	2001	8	1530	3	7	1	1	0.844	39	8.7	0
200	2001	8	1600	3	0	1	0	0.888	36	8.63	0
200	2001	8	1630	3	8	2	1	0.911	28	8.48	0
200	2001	8	1700	3	0	2	0	0.937	25	8.38	0
200	2001	8	1730	3	0	2	0	0.961	27	8.3	0
200	2001	8	1800	3	0	1	0	0.963	30	8.29	0
200	2001	8	1830	3	0	1	0	0.961	39	8.27	0
200	2001	8	1900	3	0	1	0	0.959	45	8.28	0
200	2001	8	1930	3	0	1	0	0.949	48	8.24	0
200	2001	8	2000	3	0	1	0	0.944	48	8.23	0
200	2001	8	2030	3	0	1	0	0.938	48	8.16	0
200	2001	8	2100	3	0	1	0	0.926	46	8.12	0
200	2001	8	2130	3	0	1	0	0.916	44	8.04	0
200	2001	8	2200	3	0	2	0	0.901	42	7.95	0
200	2001	8	2230	3	0	2	0	0.89	41	7.89	0
200	2001	8	2300	3	0	2	0	0.875	41	7.8	0
200	2001	8	2330	3	0	2	0	0.858	39	7.72	0
200	2001	8	2400	3	0	2	0	0.848	38	7.64	0
200	2001	9	30	3	0	2	0	0.834	37	7.56	0
200	2001	9	100	3	0	2	0	0.822	36	7.48	0
200	2001	9	130	3	0	2	0	0.808	35	7.4	0
200	2001	9	200	3	0	2	0	0.796	35	7.32	0
200	2001	9	230	3	0	2	0	0.788	34	7.24	0
200	2001	9	300	3	0	2	0	0.772	33	7.14	0
200	2001	9	330	3	0	2	0	0.765	32	7.06	0
200	2001	9	400	3	0	2	0	0.75	32	6.962	0
200	2001	9	430	3	0	2	0	0.747	32	6.878	0
200	2001	9	500	3	0	2	0	0.736	31	6.81	0
200	2001	9	530	3	0	2	0	0.729	30	6.763	0
200	2001	9	600	3	9	2	1	0.721	30	6.687	0
200	2001	9	630	3	0	2	0	0.715	30	6.64	0
200	2001	9	700	3	0	2	0	0.705	30	6.61	0
200	2001	9	730	3	0	2	0	0.701	29	6.572	0
200	2001	9	800	3	0	2	0	0.693	28	6.533	0
200	2001	9	830	3	0	2	0	0.688	28	6.515	0
200	2001	9	900	3	0	2	0	0.683	27	6.512	0
200	2001	9	930	3	0	2	0	0.672	26	6.513	0
200	2001	9	1000	3	0	2	0	0.669	26	6.54	0
200	2001	9	1030	3	0	2	0	0.663	25	6.614	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	9	1100	3	0	2	0	0.66	25	6.651	0.02
200	2001	9	1130	3	0	2	0	0.661	25	6.737	0.01
200	2001	9	1200	3	0	2	0	0.659	25	6.783	0
200	2001	9	1230	3	0	2	0	0.656	24	6.851	0.01
200	2001	9	1300	3	0	2	0	0.656	24	6.907	0.01
200	2001	9	1330	3	0	2	0	0.65	24	6.992	0.02
200	2001	9	1400	3	0	2	0	0.653	25	7.06	0
200	2001	9	1430	3	0	2	0	0.646	24	7.11	0
200	2001	9	1500	3	0	2	0	0.651	23	7.15	0.02
200	2001	9	1530	3	0	2	0	0.651	23	7.24	0
200	2001	9	1600	3	0	2	0	0.653	23	7.26	0.05
200	2001	9	1630	3	0	2	0	0.653	23	7.31	0.01
200	2001	9	1700	3	0	2	0	0.654	23	7.31	0
200	2001	9	1730	3	0	2	0	0.658	24	7.33	0.07
200	2001	9	1800	3	0	2	0	0.669	25	7.34	0.03
200	2001	9	1830	3	0	1	0	0.692	28	7.35	0.04
200	2001	9	1900	3	0	1	0	0.726	40	7.38	0
200	2001	9	1930	3	0	1	0	0.751	38	7.37	0
200	2001	9	2000	3	0	2	0	0.777	34	7.37	0
200	2001	9	2030	3	0	2	0	0.809	34	7.36	0
200	2001	9	2100	3	0	2	0	0.833	35	7.34	0
200	2001	9	2130	3	0	1	0	0.874	73	7.35	0
200	2001	9	2200	3	0	1	0	0.934	85	7.36	0
200	2001	9	2230	3	0	1	0	1.009	64	7.35	0
200	2001	9	2300	3	10	2	1	1.091	51	7.32	0
200	2001	9	2330	3	0	2	0	1.115	47	7.28	0
200	2001	9	2400	3	0	2	0	1.125	50	7.27	0
200	2001	10	30	3	0	2	0	1.126	49	7.27	0
200	2001	10	100	3	0	2	0	1.12	46	7.26	0
200	2001	10	130	3	0	2	0	1.112	47	7.24	0
200	2001	10	200	3	0	2	0	1.101	50	7.26	0
200	2001	10	230	3	0	2	0	1.081	53	7.28	0
200	2001	10	300	3	0	2	0	1.071	55	7.32	0
200	2001	10	330	3	0	2	0	1.064	54	7.36	0
200	2001	10	400	3	0	2	0	1.046	50	7.37	0
200	2001	10	430	3	0	2	0	1.029	49	7.34	0
200	2001	10	500	3	0	2	0	1.025	46	7.35	0
200	2001	10	530	3	0	2	0	1.014	45	7.35	0
200	2001	10	600	3	0	2	0	1.004	43	7.37	0
200	2001	10	630	3	0	2	0	0.988	42	7.37	0
200	2001	10	700	3	0	2	0	0.977	41	7.37	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	10	730	3	0	2	0	0.966	41	7.39	0
200	2001	10	800	3	0	2	0	0.957	39	7.4	0
200	2001	10	830	3	0	2	0	0.948	39	7.41	0
200	2001	10	900	3	0	2	0	0.932	38	7.41	0
200	2001	10	930	3	0	2	0	0.923	37	7.45	0
200	2001	10	1000	3	0	2	0	0.918	36	7.5	0.02
200	2001	10	1030	3	0	2	0	0.916	36	7.55	0.09
200	2001	10	1100	3	0	2	0	0.93	36	7.59	0.06
200	2001	10	1130	3	0	2	0	0.935	42	7.63	0.04
200	2001	10	1200	3	0	1	0	0.962	48	7.67	0.08
200	2001	10	1230	3	0	1	0	0.985	67	7.7	0.04
200	2001	10	1300	3	0	1	0	1.002	70	7.78	0.01
200	2001	10	1330	3	0	1	0	1.019	71	7.88	0.01
200	2001	10	1400	3	0	1	0	1.046	63	7.99	0.01
200	2001	10	1430	3	0	1	0	1.086	63	8.04	0.04
200	2001	10	1500	3	0	1	0	1.129	64	8.1	0
200	2001	10	1530	3	0	1	0	1.199	65	8.12	0
200	2001	10	1600	3	0	1	0	1.295	75	8.12	0
200	2001	10	1630	3	0	1	0	1.363	81	8.14	0.03
200	2001	10	1700	3	11	1	1	1.414	88	8.18	0.01
200	2001	10	1730	3	0	1	0	1.447	87	8.22	0.03
200	2001	10	1800	3	0	1	0	1.462	83	8.24	0
200	2001	10	1830	3	0	1	0	1.477	82	8.24	0
200	2001	10	1900	3	0	1	0	1.477	82	8.26	0.01
200	2001	10	1930	3	0	1	0	1.478	82	8.27	0.01
200	2001	10	2000	3	0	1	0	1.498	80	8.3	0.01
200	2001	10	2030	3	0	2	0	1.509	78	8.32	0.01
200	2001	10	2100	3	0	2	0	1.538	77	8.32	0.01
200	2001	10	2130	3	0	2	0	1.553	78	8.32	0
200	2001	10	2200	3	0	2	0	1.56	75	8.34	0
200	2001	10	2230	3	0	2	0	1.565	74	8.36	0
200	2001	10	2300	3	0	2	0	1.568	72	8.38	0.01
200	2001	10	2330	3	0	2	0	1.554	71	8.4	0
200	2001	10	2400	3	0	2	0	1.539	69	8.39	0
200	2001	11	30	3	0	2	0	1.518	67	8.38	0
200	2001	11	100	3	0	2	0	1.503	63	8.36	0
200	2001	11	130	3	0	2	0	1.477	61	8.36	0
200	2001	11	200	3	12	2	1	1.471	58	8.31	0
200	2001	11	230	3	0	2	0	1.446	57	8.27	0
200	2001	11	300	3	0	2	0	1.42	55	8.25	0.01
200	2001	11	330	3	0	2	0	1.41	54	8.19	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	11	400	3	0	2	0	1.384	52	8.18	0
200	2001	11	430	3	0	2	0	1.372	50	8.12	0
200	2001	11	500	3	0	2	0	1.348	49	8.08	0
200	2001	11	530	3	0	2	0	1.33	48	8.04	0
200	2001	11	600	3	0	2	0	1.305	47	7.98	0
200	2001	11	630	3	0	2	0	1.292	46	7.94	0
200	2001	11	700	3	0	2	0	1.272	45	7.91	0
200	2001	11	730	3	0	2	0	1.255	44	7.86	0
200	2001	11	800	3	0	2	0	1.233	43	7.81	0
200	2001	11	830	3	0	2	0	1.218	42	7.78	0
200	2001	11	900	3	0	2	0	1.201	42	7.74	0
200	2001	11	930	3	0	2	0	1.184	41	7.72	0
200	2001	11	1000	3	0	2	0	1.169	40	7.69	0
200	2001	11	1030	3	0	2	0	1.157	39	7.71	0
200	2001	11	1100	3	0	2	0	1.142	38	7.75	0
200	2001	11	1130	3	0	2	0	1.122	38	7.85	0
200	2001	11	1200	3	0	2	0	1.113	37	7.98	0
200	2001	11	1230	3	0	2	0	1.101	36	8.1	0
200	2001	11	1300	3	0	2	0	1.087	36	8.1	0
200	2001	11	1330	3	0	2	0	1.079	35	8.13	0
200	2001	11	1400	3	0	2	0	1.064	34	8.18	0
200	2001	11	1430	3	0	2	0	1.057	35	8.24	0
200	2001	11	1500	3	0	2	0	1.05	35	8.22	0
200	2001	11	1530	3	0	2	0	1.036	33	8.19	0
200	2001	11	1600	3	0	2	0	1.022	33	8.16	0
200	2001	11	1630	3	0	2	0	1.011	32	8.11	0
200	2001	11	1700	3	0	2	0	1.001	32	8.07	0
200	2001	11	1730	3	0	2	0	0.989	33	8.03	0
200	2001	11	1800	3	0	2	0	0.983	33	7.99	0
200	2001	11	1830	3	0	2	0	0.968	31	7.96	0
200	2001	11	1900	3	0	2	0	0.956	33	7.96	0
200	2001	11	1930	3	0	2	0	0.943	34	7.93	0
200	2001	11	2000	3	0	2	0	0.909	34	7.91	0
200	2001	11	2030	3	0	2	0	0.906	35	7.86	0
200	2001	11	2100	3	0	2	0	0.908	35	7.81	0
200	2001	11	2130	3	0	2	0	0.874	37	7.76	0
200	2001	11	2200	3	0	2	0	0.887	30	7.7	0
200	2001	11	2230	3	13	2	1	0.845	29	7.66	0
200	2001	11	2300	3	0	2	0	0.837	29	7.6	0
200	2001	11	2330	3	0	2	0	0.82	28	7.54	0
200	2001	11	2400	3	0	2	0	0.827	28	7.48	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOIT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	12	30	3	0	2	0	0.818	27	7.43	0
200	2001	12	100	3	0	2	0	0.846	26	7.36	0
200	2001	12	130	3	0	2	0	0.818	25	7.29	0
200	2001	12	200	3	0	2	0	0.802	25	7.23	0
200	2001	12	230	3	0	2	0	0.804	25	7.15	0
200	2001	12	300	3	0	2	0	0.777	25	7.11	0
200	2001	12	330	3	0	2	0	0.765	25	7.03	0
200	2001	12	400	3	0	2	0	0.761	25	6.955	0
200	2001	12	430	3	0	2	0	0.81	24	6.888	0
200	2001	12	500	3	0	2	0	0.804	24	6.812	0
200	2001	12	530	3	0	2	0	0.799	27	6.754	0
200	2001	12	600	3	0	2	0	0.79	24	6.696	0
200	2001	12	630	3	0	2	0	0.788	24	6.609	0
200	2001	12	700	3	0	2	0	0.778	24	6.552	0
200	2001	12	730	3	0	2	0	0.773	24	6.486	0
200	2001	12	800	3	0	2	0	0.771	24	6.44	0
200	2001	12	830	3	0	2	0	0.763	24	6.381	0
200	2001	12	900	3	0	2	0	0.758	23	6.343	0
200	2001	12	930	3	0	2	0	0.756	24	6.295	0
200	2001	12	1000	3	0	2	0	0.752	23	6.285	0
200	2001	12	1030	3	0	2	0	0.744	24	6.314	0
200	2001	12	1100	3	0	2	0	0.743	22	6.372	0
200	2001	12	1130	3	0	2	0	0.736	21	6.504	0
200	2001	12	1200	3	0	2	0	0.729	21	6.675	0
200	2001	12	1230	3	0	2	0	0.72	21	6.795	0
200	2001	12	1300	3	0	2	0	0.713	22	6.936	0
200	2001	12	1330	3	0	2	0	0.708	21	7.09	0
200	2001	12	1400	3	0	2	0	0.704	21	7.22	0
200	2001	12	1430	3	0	2	0	0.709	20	7.31	0
200	2001	12	1500	3	0	2	0	0.702	20	7.37	0
200	2001	12	1530	3	0	2	0	0.696	21	7.4	0
200	2001	12	1600	3	0	2	0	0.691	21	7.42	0
200	2001	12	1630	3	0	2	0	0.685	21	7.42	0
200	2001	12	1700	3	0	2	0	0.683	19	7.42	0
200	2001	12	1730	3	0	2	0	0.682	20	7.4	0
200	2001	12	1800	3	0	2	0	0.677	20	7.38	0
200	2001	12	1830	3	0	2	0	0.677	20	7.35	0
200	2001	12	1900	3	0	2	0	0.67	19	7.34	0
200	2001	12	1930	3	0	2	0	0.665	20	7.35	0
200	2001	12	2000	3	0	2	0	0.666	19	7.34	0.01
200	2001	12	2030	3	0	2	0	0.661	19	7.34	0.01

S_ID	YEAR	J-DAY	TIME	DUMP	BOIT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	12	2100	3	0	2	0	0.664	20	7.37	0.01
200	2001	12	2130	3	0	2	0	0.661	21	7.37	0
200	2001	12	2200	3	0	2	0	0.655	21	7.38	0
200	2001	12	2230	3	0	2	0	0.653	20	7.37	0
200	2001	12	2300	3	0	2	0	0.649	20	7.38	0
200	2001	12	2330	3	0	2	0	0.649	19	7.39	0
200	2001	12	2400	3	0	2	0	0.647	18	7.39	0.01
200	2001	13	30	3	0	2	0	0.642	19	7.41	0.01
200	2001	13	100	3	0	2	0	0.639	19	7.41	0
200	2001	13	130	3	0	2	0	0.633	19	7.42	0
200	2001	13	200	3	0	2	0	0.633	19	7.4	0
200	2001	13	230	3	0	2	0	0.631	19	7.41	0
200	2001	13	300	3	0	2	0	0.629	19	7.38	0
200	2001	13	330	3	0	2	0	0.629	18	7.39	0
200	2001	13	400	3	0	2	0	0.628	18	7.37	0
200	2001	13	430	3	0	2	0	0.62	18	7.35	0
200	2001	13	500	3	0	2	0	0.619	17	7.33	0
200	2001	13	530	3	0	2	0	0.617	19	7.3	0
200	2001	13	600	3	0	2	0	0.614	17	7.3	0
200	2001	13	630	3	0	2	0	0.611	18	7.29	0
200	2001	13	700	3	0	2	0	0.61	17	7.27	0
200	2001	13	730	3	0	2	0	0.612	17	7.27	0
200	2001	13	800	3	0	2	0	0.607	17	7.27	0
200	2001	13	830	3	0	2	0	0.608	17	7.28	0
200	2001	13	900	3	0	2	0	0.608	18	7.29	0
200	2001	13	930	3	0	2	0	0.606	17	7.33	0
200	2001	13	1000	3	0	2	0	0.602	17	7.37	0
200	2001	13	1030	3	0	2	0	0.602	18	7.45	0
200	2001	13	1100	3	0	2	0	0.6	17	7.53	0
200	2001	13	1130	3	0	2	0	0.598	18	7.62	0
200	2001	13	1200	3	0	2	0	0.59	18	7.73	0
200	2001	13	1230	3	0	2	0	0.591	18	7.83	0
200	2001	13	1300	3	0	2	0	0.586	18	7.95	0
200	2001	13	1330	3	0	2	0	0.58	18	8.09	0
200	2001	13	1400	3	0	2	0	0.583	17	8.16	0
200	2001	13	1430	3	0	2	0	0.579	16	8.23	0
200	2001	13	1500	3	0	2	0	0.579	16	8.23	0.03
200	2001	13	1530	3	0	2	0	0.576	18	8.23	0
200	2001	13	1600	3	0	2	0	0.575	18	8.22	0
200	2001	13	1630	3	14	1	1	0.574	21	8.18	0
200	2001	13	1700	3	0	1	0	0.572	24	8.14	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	13	1730	3	0	1	0	0.571	23	8.09	0
200	2001	13	1800	3	0	1	0	0.571	21	8	0
200	2001	13	1830	3	0	1	0	0.573	85	7.94	0
200	2001	13	1900	3	0	1	0	0.576	17	7.87	0
200	2001	13	1930	3	0	1	0	0.579	17	7.82	0
200	2001	13	2000	3	15	2	1	0.579	16	7.76	0
200	2001	13	2030	3	0	2	0	0.585	16	7.67	0
200	2001	13	2100	3	0	2	0	0.591	17	7.61	0
200	2001	13	2130	3	0	2	0	0.593	17	7.54	0
200	2001	13	2200	3	0	2	0	0.596	17	7.46	0
200	2001	13	2230	3	0	2	0	0.601	17	7.39	0
200	2001	13	2300	3	0	2	0	0.599	16	7.34	0
200	2001	13	2330	3	0	2	0	0.6	16	7.27	0
200	2001	13	2400	3	0	2	0	0.596	16	7.21	0
200	2001	14	30	3	0	2	0	0.597	16	7.13	0
200	2001	14	100	3	0	2	0	0.593	14	7.05	0
200	2001	14	130	3	0	2	0	0.583	14	6.986	0
200	2001	14	200	3	0	2	0	0.573	14	6.891	0
200	2001	14	230	3	0	2	0	0.567	14	6.797	0
200	2001	14	300	3	0	2	0	0.575	14	6.713	0
200	2001	14	330	3	0	2	0	0.543	13	6.637	0
200	2001	14	400	3	0	2	0	0.557	14	6.55	0
200	2001	14	430	3	0	2	0	0.574	14	6.456	0
200	2001	14	500	3	0	2	0	0.559	14	6.38	0
200	2001	14	530	3	0	2	0	0.564	14	6.303	0
200	2001	14	600	3	0	2	0	0.569	14	6.227	0
200	2001	14	630	3	0	2	0	0.572	13	6.151	0
200	2001	14	700	3	0	2	0	0.571	13	6.084	0
200	2001	14	730	3	0	2	0	0.569	14	6.028	0
200	2001	14	800	3	0	2	0	0.57	14	5.98	0
200	2001	14	830	3	0	2	0	0.563	13	5.951	0
200	2001	14	900	3	0	2	0	0.561	13	5.951	0
200	2001	14	930	3	0	2	0	0.561	13	5.97	0
200	2001	14	1000	3	0	2	0	0.556	13	6.034	0
200	2001	14	1030	3	0	2	0	0.554	13	6.063	0
200	2001	14	1100	3	0	2	0	0.549	14	6.165	0
200	2001	14	1130	3	0	2	0	0.545	14	6.299	0
200	2001	14	1200	3	0	2	0	0.538	14	6.45	0
200	2001	14	1230	3	0	2	0	0.536	13	6.622	0
200	2001	14	1300	3	0	2	0	0.524	13	6.879	0
200	2001	14	1330	3	0	2	0	0.52	13	7.11	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	14	1400	3	0	2	0	0.517	13	7.22	0
200	2001	14	1430	3	0	2	0	0.52	13	7.27	0
200	2001	14	1500	3	0	2	0	0.525	14	7.26	0
200	2001	14	1530	3	0	2	0	0.531	13	7.23	0
200	2001	14	1600	3	0	2	0	0.534	13	7.17	0
200	2001	14	1630	3	0	2	0	0.554	14	7.07	0
200	2001	14	1700	3	0	2	0	0.569	12	6.978	0
200	2001	14	1730	3	0	2	0	0.547	13	6.844	0
200	2001	14	1800	3	0	2	0	0.55	12	6.73	0
200	2001	14	1830	3	0	2	0	0.55	12	6.617	0
200	2001	14	1900	3	0	2	0	0.548	16	6.522	0
200	2001	14	1930	3	0	2	0	0.549	15	6.413	0
200	2001	14	2000	3	16	1	1	0.547	18	6.323	0
200	2001	14	2030	3	0	1	0	0.544	21	6.248	0
200	2001	14	2100	3	0	1	0	0.545	18	6.163	0
200	2001	14	2130	3	0	1	0	0.541	19	6.068	0
200	2001	14	2200	3	0	1	0	0.54	19	6.014	0
200	2001	14	2230	3	0	1	0	0.542	19	5.929	0
200	2001	14	2300	3	17	1	1	0.541	27	5.853	0
200	2001	14	2330	3	0	1	0	0.541	24	5.778	0
200	2001	14	2400	3	0	1	0	0.536	25	5.699	0
200	2001	15	30	3	0	1	0	0.535	25	5.646	0
200	2001	15	100	3	0	1	0	0.531	25	5.57	0
200	2001	15	130	3	0	1	0	0.533	25	5.494	0
200	2001	15	200	3	0	1	0	0.535	28	5.437	0
200	2001	15	230	3	0	1	0	0.534	27	5.379	0
200	2001	15	300	3	0	1	0	0.533	25	5.332	0
200	2001	15	330	3	0	1	0	0.53	25	5.275	0
200	2001	15	400	3	0	1	0	0.527	24	5.227	0
200	2001	15	430	3	0	2	0	0.527	23	5.161	0
200	2001	15	500	3	0	2	0	0.527	25	5.104	0
200	2001	15	530	3	0	2	0	0.527	25	5.028	0
200	2001	15	600	3	0	2	0	0.524	24	4.971	0
200	2001	15	630	3	0	2	0	0.524	24	4.924	0
200	2001	15	700	3	0	2	0	0.523	25	4.857	0
200	2001	15	730	3	0	2	0	0.522	24	4.809	0
200	2001	15	800	3	0	2	0	0.525	23	4.743	0
200	2001	15	830	3	0	2	0	0.525	9	4.705	0
200	2001	15	900	3	0	2	0	0.524	10	4.658	0
200	2001	15	930	3	0	2	0	0.52	10	4.629	0
200	2001	15	1000	3	0	2	0	0.519	10	4.61	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	15	1030	3	0	2	0	0.519	10	4.629	0
200	2001	15	1100	3	0	2	0	0.513	11	4.733	0
200	2001	15	1130	3	0	2	0	0.507	11	4.838	0
200	2001	15	1200	3	0	2	0	0.498	11	5.019	0
200	2001	15	1230	3	0	2	0	0.49	11	5.199	0
200	2001	15	1300	3	0	2	0	0.48	13	5.474	0
200	2001	15	1330	3	0	2	0	0.473	9	5.698	0
200	2001	15	1400	3	0	2	0	0.474	11	5.873	0
200	2001	15	1430	3	0	2	0	0.468	9	5.986	0
200	2001	15	1500	3	0	2	0	0.47	10	6.031	0
200	2001	15	1530	3	0	2	0	0.472	11	6.022	0
200	2001	15	1600	3	0	2	0	0.475	10	5.975	0
200	2001	15	1630	3	0	2	0	0.478	10	5.89	0
200	2001	15	1700	3	0	2	0	0.477	9	5.804	0
200	2001	15	1730	3	0	2	0	0.49	10	5.69	0
200	2001	15	1800	3	0	2	0	0.49	10	5.566	0
200	2001	15	1830	3	0	2	0	0.502	9	5.48	0
200	2001	15	1900	3	0	2	0	0.502	9	5.386	0
200	2001	15	1930	3	0	2	0	0.503	10	5.273	0
200	2001	15	2000	3	0	2	0	0.502	9	5.188	0
200	2001	15	2030	3	0	2	0	0.497	9	5.104	0
200	2001	15	2100	3	0	2	0	0.498	9	4.992	0
200	2001	15	2130	3	0	2	0	0.503	9	4.918	0
200	2001	15	2200	3	0	2	0	0.503	9	4.833	0
200	2001	15	2230	3	0	2	0	0.503	11	4.77	0
200	2001	15	2300	3	0	2	0	0.504	8	4.705	0
200	2001	15	2330	3	0	2	0	0.502	9	4.647	0
200	2001	15	2400	3	0	2	0	0.5	9	4.591	0
200	2001	16	30	3	0	2	0	0.498	9	4.534	0
200	2001	16	100	3	0	2	0	0.498	8	4.477	0
200	2001	16	130	3	0	2	0	0.499	8	4.43	0
200	2001	16	200	3	0	2	0	0.497	10	4.392	0
200	2001	16	230	3	0	2	0	0.496	9	4.335	0
200	2001	16	300	3	0	2	0	0.494	10	4.278	0
200	2001	16	330	3	0	2	0	0.493	10	4.221	0
200	2001	16	400	3	0	2	0	0.491	9	4.174	0
200	2001	16	430	3	0	2	0	0.496	8	4.126	0
200	2001	16	500	3	0	2	0	0.492	9	4.098	0
200	2001	16	530	3	0	2	0	0.494	11	4.041	0
200	2001	16	600	3	0	2	0	0.491	9	3.985	0
200	2001	16	630	3	0	2	0	0.491	9	3.947	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	16	700	3	0	2	0	0.491	8	3.899	0
200	2001	16	730	3	0	2	0	0.482	9	3.843	0
200	2001	16	800	3	0	2	0	0.482	8	3.805	0
200	2001	16	830	3	0	2	0	0.478	10	3.767	0
200	2001	16	900	3	0	2	0	0.48	10	3.748	0
200	2001	16	930	3	0	2	0	0.473	9	3.729	0
200	2001	16	1000	3	0	2	0	0.47	8	3.729	0
200	2001	16	1030	3	0	2	0	0.469	8	3.748	0
200	2001	16	1100	3	0	2	0	0.461	9	3.871	0
200	2001	16	1130	3	0	2	0	0.453	9	4.023	0
200	2001	16	1200	3	0	2	0	0.445	8	4.193	0
200	2001	16	1230	3	0	2	0	0.441	8	4.383	0
200	2001	16	1300	3	0	2	0	0.432	9	4.646	0
200	2001	16	1330	3	0	2	0	0.418	8	4.918	0
200	2001	16	1400	3	0	2	0	0.423	8	5.107	0
200	2001	16	1430	3	0	2	0	0.437	11	5.253	0
200	2001	16	1500	3	0	2	0	0.436	10	5.336	0
200	2001	16	1530	3	0	2	0	0.437	9	5.373	0
200	2001	16	1600	3	0	2	0	0.445	10	5.318	0
200	2001	16	1630	3	0	2	0	0.452	10	5.262	0
200	2001	16	1700	3	0	2	0	0.462	10	5.176	0
200	2001	16	1730	3	0	2	0	0.47	9	5.071	0
200	2001	16	1800	3	0	2	0	0.473	8	4.946	0
200	2001	16	1830	3	0	2	0	0.473	8	4.824	0
200	2001	16	1900	3	0	2	0	0.471	9	4.72	0
200	2001	16	1930	3	0	2	0	0.472	8	4.648	0
200	2001	16	2000	3	0	2	0	0.472	9	4.555	0
200	2001	16	2030	3	0	2	0	0.468	8	4.469	0
200	2001	16	2100	3	0	2	0	0.462	8	4.357	0
200	2001	16	2130	3	0	2	0	0.466	8	4.263	0
200	2001	16	2200	3	0	2	0	0.471	8	4.191	0
200	2001	16	2230	3	0	2	0	0.468	8	4.097	0
200	2001	16	2300	3	0	2	0	0.469	8	4.04	0
200	2001	16	2330	3	0	2	0	0.466	8	3.965	0
200	2001	16	2400	3	0	2	0	0.463	10	3.909	0
200	2001	17	30	3	0	2	0	0.46	9	3.861	0
200	2001	17	100	3	0	2	0	0.456	10	3.833	0
200	2001	17	130	3	0	2	0	0.457	9	3.795	0
200	2001	17	200	3	0	2	0	0.454	9	3.738	0
200	2001	17	230	3	0	2	0	0.454	9	3.691	0
200	2001	17	300	3	0	2	0	0.453	9	3.644	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	17	330	3	0	2	0	0.45	9	3.597	0
200	2001	17	400	3	0	2	0	0.449	10	3.559	0
200	2001	17	430	3	0	2	0	0.448	9	3.511	0
200	2001	17	500	3	0	2	0	0.448	9	3.464	0
200	2001	17	530	3	0	2	0	0.44	10	3.417	0
200	2001	17	600	3	0	2	0	0.441	9	3.379	0
200	2001	17	630	3	0	2	0	0.441	9	3.342	0
200	2001	17	700	3	0	2	0	0.447	10	3.313	0
200	2001	17	730	3	0	2	0	0.447	8	3.266	0
200	2001	17	800	3	0	2	0	0.446	10	3.228	0
200	2001	17	830	3	0	2	0	0.443	10	3.2	0
200	2001	17	900	3	0	2	0	0.434	10	3.181	0
200	2001	17	930	3	0	2	0	0.437	10	3.152	0
200	2001	17	1000	3	0	2	0	0.436	10	3.162	0
200	2001	17	1030	3	0	2	0	0.438	10	3.199	0
200	2001	17	1100	3	0	2	0	0.436	10	3.323	0
200	2001	17	1130	3	0	2	0	0.436	10	3.511	0
200	2001	17	1200	3	0	2	0	0.432	10	3.672	0
200	2001	17	1230	3	0	2	0	0.426	9	3.843	0
200	2001	17	1300	3	0	2	0	0.416	10	4.116	0
200	2001	17	1330	3	0	2	0	0.406	9	4.435	0
200	2001	17	1400	3	0	2	0	0.403	10	4.658	0
200	2001	17	1430	3	0	2	0	0.404	9	4.808	0
200	2001	17	1500	3	0	2	0	0.407	10	4.947	0
200	2001	17	1530	3	0	2	0	0.408	10	5.042	0
200	2001	17	1600	3	0	2	0	0.408	10	5.099	0
200	2001	17	1630	3	0	2	0	0.411	11	5.081	0
200	2001	17	1700	3	0	2	0	0.417	10	5.013	0
200	2001	17	1730	3	0	2	0	0.431	10	4.928	0
200	2001	17	1800	3	0	2	0	0.413	11	4.853	0
200	2001	17	1830	3	0	2	0	0.419	9	4.767	0
200	2001	17	1900	3	0	2	0	0.423	9	4.702	0
200	2001	17	1930	3	0	2	0	0.433	10	4.655	0
200	2001	17	2000	3	0	2	0	0.434	10	4.61	0
200	2001	17	2030	3	0	2	0	0.433	10	4.592	0
200	2001	17	2100	3	0	2	0	0.434	10	4.564	0
200	2001	17	2130	3	0	2	0	0.427	9	4.534	0
200	2001	17	2200	3	0	2	0	0.431	10	4.506	0
200	2001	17	2230	3	0	2	0	0.427	11	4.48	0
200	2001	17	2300	3	0	2	0	0.428	10	4.441	0
200	2001	17	2330	3	0	2	0	0.425	10	4.413	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	17	2400	3	0	2	0	0.445	10	4.367	0
200	2001	18	30	3	0	2	0	0.428	10	4.338	0
200	2001	18	100	3	0	2	0	0.429	10	4.291	0
200	2001	18	130	3	0	2	0	0.434	10	4.226	0
200	2001	18	200	3	0	2	0	0.429	10	4.17	0
200	2001	18	230	3	0	2	0	0.429	10	4.123	0
200	2001	18	300	3	0	2	0	0.425	10	4.078	0
200	2001	18	330	3	0	2	0	0.423	11	4.031	0
200	2001	18	400	3	0	2	0	0.426	10	3.963	0
200	2001	18	430	3	0	2	0	0.427	11	3.915	0
200	2001	18	500	3	0	2	0	0.422	11	3.87	0
200	2001	18	530	3	0	2	0	0.423	12	3.832	0
200	2001	18	600	3	0	2	0	0.417	12	3.786	0
200	2001	18	630	3	0	2	0	0.425	11	3.766	0
200	2001	18	700	3	0	2	0	0.423	8	3.748	0
200	2001	18	730	3	0	2	0	0.419	8	3.776	0
200	2001	18	800	3	0	2	0	0.421	8	3.767	0
200	2001	18	830	3	0	2	0	0.417	7	3.785	0
200	2001	18	900	3	0	2	0	0.415	7	3.851	0
200	2001	18	930	3	0	2	0	0.414	7	3.916	0
200	2001	18	1000	3	0	2	0	0.415	6	4.047	0
200	2001	18	1030	3	0	2	0	0.416	8	4.179	0
200	2001	18	1100	3	0	2	0	0.409	6	4.328	0
200	2001	18	1130	3	0	2	0	0.407	8	4.488	0
200	2001	18	1200	3	0	0	0	0.391	8	4.706	0
200	2001	18	1230	3	0	0	0	0.383	8	4.864	0
200	2001	18	1300	3	0	0	0	0.38	8	5.091	0
200	2001	18	1330	3	0	0	0	0.378	7	5.299	0
200	2001	18	1400	3	0	0	0	0.387	8	5.459	0
200	2001	18	1430	3	0	0	0	0.377	8	5.622	0
200	2001	18	1500	3	0	0	0	0.375	8	5.736	0
200	2001	18	1530	3	0	0	0	0.376	8	5.878	0
200	2001	18	1600	3	0	0	0	0.374	7	5.944	0
200	2001	18	1630	3	0	0	0	0.378	8	6.003	0
200	2001	18	1700	4	0	0	0	0.386	6	6.022	0
200	2001	18	1730	4	0	0	0	0.387	5	6.031	0
200	2001	18	1800	4	0	0	0	0.388	5	6.022	0
200	2001	18	1830	4	0	0	0	0.389	5	6.003	0
200	2001	18	1900	4	0	0	0	0.388	6	6.003	0
200	2001	18	1930	4	0	0	0	0.387	5	5.976	0
200	2001	18	2000	4	0	0	0	0.397	8	5.946	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	18	2030	4	0	0	0	0.396	6	5.927	0
200	2001	18	2100	4	0	0	0	0.399	5	5.899	0
200	2001	18	2130	4	0	1	0	0.403	5	5.863	0
200	2001	18	2200	4	0	1	0	0.405	6	5.843	0
200	2001	18	2230	4	0	1	0	0.407	5	5.844	0
200	2001	18	2300	4	0	1	0	0.405	5	5.805	0
200	2001	18	2330	4	0	1	0	0.41	5	5.816	0
200	2001	18	2400	4	0	1	0	0.409	5	5.787	0
200	2001	19	30	4	0	1	0	0.417	5	5.776	0
200	2001	19	100	4	0	1	0	0.415	4	5.777	0
200	2001	19	130	4	0	1	0	0.417	4	5.777	0
200	2001	19	200	4	0	1	0	0.412	5	5.779	0
200	2001	19	230	4	0	1	0	0.418	4	5.788	0
200	2001	19	300	4	0	1	0	0.41	6	5.796	0
200	2001	19	330	4	0	0	0	0.395	5	5.816	0
200	2001	19	400	4	0	0	0	0.397	5	5.835	0
200	2001	19	430	4	0	0	0	0.393	6	5.855	0
200	2001	19	500	4	0	0	0	0.391	5	5.901	0
200	2001	19	530	4	0	0	0	0.391	6	5.91	0
200	2001	19	600	4	0	0	0	0.396	4	5.92	0
200	2001	19	630	4	0	0	0	0.395	4	5.956	0
200	2001	19	700	4	0	0	0	0.39	5	5.947	0
200	2001	19	730	4	0	0	0	0.39	5	5.949	0
200	2001	19	800	4	0	0	0	0.395	4	5.929	0
200	2001	19	830	4	0	0	0	0.389	5	5.93	0
200	2001	19	900	4	0	0	0	0.397	5	5.939	0
200	2001	19	930	4	0	0	0	0.399	5	5.911	0
200	2001	19	1000	4	0	1	0	0.4	5	5.911	0
200	2001	19	1030	4	0	0	0	0.394	5	6.005	0
200	2001	19	1100	4	0	0	0	0.378	4	6.148	0
200	2001	19	1130	4	0	0	0	0.37	5	6.252	0
200	2001	19	1200	4	0	0	0	0.369	4	6.472	0
200	2001	19	1230	4	0	0	0	0.365	4	6.644	0
200	2001	19	1300	4	0	0	0	0.366	4	6.874	0
200	2001	19	1330	4	0	0	0	0.366	5	7.15	0
200	2001	19	1400	4	0	0	0	0.375	4	7.47	0
200	2001	19	1430	4	0	0	0	0.372	5	7.66	0
200	2001	19	1500	4	0	0	0	0.374	6	7.78	0
200	2001	19	1530	4	0	0	0	0.372	6	7.93	0
200	2001	19	1600	4	0	0	0	0.372	5	8.03	0
200	2001	19	1630	4	0	0	0	0.371	5	7.97	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	19	1700	4	0	0	0	0.36	6	7.85	0
200	2001	19	1730	4	0	0	0	0.36	6	7.73	0
200	2001	19	1800	4	0	0	0	0.36	5	7.56	0
200	2001	19	1830	4	0	0	0	0.36	4	7.46	0
200	2001	19	1900	4	0	0	0	0.359	3	7.36	0
200	2001	19	1930	4	0	0	0	0.358	4	7.29	0
200	2001	19	2000	4	0	0	0	0.357	5	7.19	0
200	2001	19	2030	4	0	0	0	0.357	4	7.09	0
200	2001	19	2100	4	0	0	0	0.356	6	6.97	0
200	2001	19	2130	4	0	0	0	0.357	5	6.844	0
200	2001	19	2200	4	0	0	0	0.357	5	6.702	0
200	2001	19	2230	4	0	0	0	0.357	5	6.572	0
200	2001	19	2300	4	0	0	0	0.357	5	6.439	0
200	2001	19	2330	4	0	0	0	0.357	4	6.296	0
200	2001	19	2400	4	0	0	0	0.359	5	6.191	0
200	2001	20	30	4	0	0	0	0.357	4	6.116	0
200	2001	20	100	4	0	0	0	0.358	5	6.057	0
200	2001	20	130	4	0	0	0	0.357	4	6.01	0
200	2001	20	200	4	0	0	0	0.357	4	5.915	0
200	2001	20	230	4	0	0	0	0.355	4	5.82	0
200	2001	20	300	4	0	0	0	0.357	4	5.765	0
200	2001	20	330	4	0	0	0	0.356	4	5.708	0
200	2001	20	400	4	0	0	0	0.357	4	5.649	0
200	2001	20	430	4	0	0	0	0.358	5	5.623	0
200	2001	20	500	4	0	0	0	0.357	4	5.575	0
200	2001	20	530	4	0	0	0	0.358	5	5.546	0
200	2001	20	600	4	0	0	0	0.357	4	5.525	0
200	2001	20	630	4	0	0	0	0.358	5	5.525	0
200	2001	20	700	4	0	0	0	0.36	5	5.506	0
200	2001	20	730	4	0	0	0	0.359	4	5.526	0
200	2001	20	800	4	0	0	0	0.358	5	5.515	0
200	2001	20	830	4	0	0	0	0.358	5	5.516	0
200	2001	20	900	4	0	0	0	0.357	6	5.554	0
200	2001	20	930	4	0	0	0	0.354	5	5.581	0
200	2001	20	1000	4	0	0	0	0.353	4	5.638	0
200	2001	20	1030	4	0	0	0	0.353	4	5.703	0
200	2001	20	1100	4	0	0	0	0.352	4	5.799	0
200	2001	20	1130	4	0	0	0	0.351	5	5.893	0
200	2001	20	1200	4	0	0	0	0.352	4	5.996	0
200	2001	20	1230	4	0	0	0	0.357	5	6.11	0
200	2001	20	1300	4	0	0	0	0.357	6	6.234	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	20	1330	4	0	0	0	0.364	3	6.386	0
200	2001	20	1400	4	0	0	0	0.362	4	6.492	0
200	2001	20	1430	4	0	0	0	0.362	4	6.615	0
200	2001	20	1500	4	0	0	0	0.362	5	6.74	0
200	2001	20	1530	4	0	0	0	0.358	5	6.854	0
200	2001	20	1600	4	0	0	0	0.358	5	6.922	0
200	2001	20	1630	4	0	0	0	0.358	4	6.979	0
200	2001	20	1700	4	0	0	0	0.358	5	7.02	0
200	2001	20	1730	4	0	0	0	0.359	4	7.03	0
200	2001	20	1800	4	0	0	0	0.358	4	7.05	0
200	2001	20	1830	4	0	0	0	0.361	4	7.04	0
200	2001	20	1900	4	0	0	0	0.365	8	7.04	0
200	2001	20	1930	4	0	0	0	0.363	4	7.02	0
200	2001	20	2000	4	0	0	0	0.368	3	7.02	0
200	2001	20	2030	4	0	0	0	0.367	3	7.02	0
200	2001	20	2100	4	0	0	0	0.362	3	7.02	0
200	2001	20	2130	4	0	0	0	0.364	3	7.01	0
200	2001	20	2200	4	0	0	0	0.367	3	7.03	0
200	2001	20	2230	4	0	0	0	0.369	4	7.04	0
200	2001	20	2300	4	0	0	0	0.361	4	7.06	0
200	2001	20	2330	4	0	0	0	0.367	4	7.08	0
200	2001	20	2400	4	0	0	0	0.364	3	7.13	0
200	2001	21	30	4	0	0	0	0.376	6	7.15	0
200	2001	21	100	4	0	0	0	0.378	3	7.17	0
200	2001	21	130	4	0	0	0	0.374	3	7.18	0
200	2001	21	200	4	0	0	0	0.372	3	7.22	0
200	2001	21	230	4	0	0	0	0.383	4	7.22	0
200	2001	21	300	4	0	0	0	0.38	3	7.23	0
200	2001	21	330	4	0	0	0	0.38	3	7.23	0
200	2001	21	400	4	0	1	0	0.401	5	7.22	0
200	2001	21	430	4	0	0	0	0.381	4	7.21	0
200	2001	21	500	4	0	0	0	0.377	3	7.21	0
200	2001	21	530	4	0	0	0	0.372	3	7.21	0
200	2001	21	600	4	0	0	0	0.36	4	7.2	0
200	2001	21	630	4	0	0	0	0.359	4	7.18	0
200	2001	21	700	4	0	0	0	0.36	3	7.18	0
200	2001	21	730	4	0	0	0	0.351	3	7.16	0
200	2001	21	800	4	0	0	0	0.353	4	7.16	0
200	2001	21	830	4	0	0	0	0.362	3	7.14	0
200	2001	21	900	4	0	0	0	0.354	3	7.15	0
200	2001	21	930	4	0	0	0	0.349	3	7.16	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	21	1000	4	0	0	0	0.353	4	7.23	0
200	2001	21	1030	4	0	0	0	0.349	5	7.3	0
200	2001	21	1100	4	0	0	0	0.352	3	7.37	0
200	2001	21	1130	4	0	0	0	0.353	3	7.5	0
200	2001	21	1200	4	0	0	0	0.345	3	7.66	0
200	2001	21	1230	4	0	0	0	0.348	3	7.82	0
200	2001	21	1300	4	0	0	0	0.347	3	7.99	0
200	2001	21	1330	4	0	0	0	0.349	3	8.19	0
200	2001	21	1400	4	0	0	0	0.336	4	8.41	0
200	2001	21	1430	4	0	0	0	0.338	4	8.57	0
200	2001	21	1500	4	0	0	0	0.335	4	8.65	0
200	2001	21	1530	4	0	0	0	0.334	6	8.7	0
200	2001	21	1600	4	0	0	0	0.334	5	8.69	0
200	2001	21	1630	4	0	0	0	0.334	4	8.71	0
200	2001	21	1700	4	0	0	0	0.334	4	8.71	0
200	2001	21	1730	4	0	0	0	0.334	4	8.66	0
200	2001	21	1800	4	0	0	0	0.335	4	8.59	0
200	2001	21	1830	4	0	0	0	0.334	4	8.53	0
200	2001	21	1900	4	0	0	0	0.333	3	8.42	0
200	2001	21	1930	4	0	0	0	0.331	3	8.28	0
200	2001	21	2000	4	0	0	0	0.332	3	8.17	0
200	2001	21	2030	4	0	0	0	0.331	4	8.06	0
200	2001	21	2100	4	0	0	0	0.332	5	7.96	0
200	2001	21	2130	4	0	0	0	0.331	5	7.86	0
200	2001	21	2200	4	0	0	0	0.33	3	7.79	0
200	2001	21	2230	4	0	0	0	0.33	4	7.71	0
200	2001	21	2300	4	0	0	0	0.33	4	7.66	0
200	2001	21	2330	4	0	0	0	0.329	5	7.58	0
200	2001	21	2400	4	0	0	0	0.329	4	7.5	0
200	2001	22	30	4	0	0	0	0.33	5	7.42	0
200	2001	22	100	4	0	0	0	0.33	4	7.37	0
200	2001	22	130	4	0	0	0	0.328	5	7.3	0
200	2001	22	200	4	0	0	0	0.329	3	7.23	0
200	2001	22	230	4	0	0	0	0.328	5	7.18	0
200	2001	22	300	4	0	0	0	0.326	4	7.11	0
200	2001	22	330	4	0	0	0	0.326	3	7.06	0
200	2001	22	400	4	0	0	0	0.326	4	6.984	0
200	2001	22	430	4	0	0	0	0.325	3	6.889	0
200	2001	22	500	4	0	0	0	0.325	3	6.804	0
200	2001	22	530	4	0	0	0	0.324	3	6.707	0
200	2001	22	600	4	0	0	0	0.325	3	6.641	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	22	630	4	0	0	0	0.325	3	6.537	0
200	2001	22	700	4	0	0	0	0.324	3	6.449	0
200	2001	22	730	4	0	0	0	0.324	4	6.357	0
200	2001	22	800	4	0	0	0	0.324	3	6.252	0
200	2001	22	830	4	0	0	0	0.325	3	6.168	0
200	2001	22	900	4	0	0	0	0.325	3	6.103	0
200	2001	22	930	4	0	0	0	0.325	3	6.044	0
200	2001	22	1000	4	0	0	0	0.325	3	6.015	0
200	2001	22	1030	4	0	0	0	0.324	3	6.004	0
200	2001	22	1100	4	0	0	0	0.324	4	6.053	0
200	2001	22	1130	4	0	0	0	0.323	3	6.233	0
200	2001	22	1200	4	0	0	0	0.323	3	6.461	0
200	2001	22	1230	4	0	0	0	0.323	3	6.688	0
200	2001	22	1300	4	0	0	0	0.322	3	6.887	0
200	2001	22	1330	4	0	0	0	0.325	5	7.17	0
200	2001	22	1400	4	0	0	0	0.323	3	7.49	0
200	2001	22	1430	4	0	0	0	0.326	3	7.74	0
200	2001	22	1500	4	0	0	0	0.325	5	7.86	0
200	2001	22	1530	4	0	0	0	0.324	4	7.94	0
200	2001	22	1600	4	0	0	0	0.322	3	8.01	0
200	2001	22	1630	4	0	0	0	0.321	4	8.05	0
200	2001	22	1700	4	0	0	0	0.321	3	8.1	0
200	2001	22	1730	4	0	0	0	0.322	3	8.07	0
200	2001	22	1800	4	0	0	0	0.321	4	7.98	0
200	2001	22	1830	4	0	0	0	0.322	3	7.87	0
200	2001	22	1900	4	0	0	0	0.319	3	7.74	0
200	2001	22	1930	4	0	0	0	0.322	3	7.6	0
200	2001	22	2000	4	0	0	0	0.32	3	7.47	0
200	2001	22	2030	4	0	0	0	0.318	3	7.35	0
200	2001	22	2100	4	0	0	0	0.32	3	7.22	0
200	2001	22	2130	4	0	0	0	0.318	4	7.11	0
200	2001	22	2200	4	0	0	0	0.318	3	7.02	0
200	2001	22	2230	4	0	0	0	0.319	3	6.945	0
200	2001	22	2300	4	0	0	0	0.318	3	6.898	0
200	2001	22	2330	4	0	0	0	0.319	3	6.851	0
200	2001	22	2400	4	0	0	0	0.318	2	6.813	0
200	2001	23	30	4	0	0	0	0.317	3	6.784	0
200	2001	23	100	4	0	0	0	0.318	3	6.774	0
200	2001	23	130	4	0	0	0	0.317	3	6.782	0
200	2001	23	200	4	0	0	0	0.317	3	6.801	0
200	2001	23	230	4	0	0	0	0.317	4	6.838	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	23	300	4	0	0	0	0.317	3	6.877	0
200	2001	23	330	4	0	0	0	0.317	4	6.924	0
200	2001	23	400	4	0	0	0	0.316	3	6.969	0
200	2001	23	430	4	0	0	0	0.317	3	7.03	0
200	2001	23	500	4	0	0	0	0.316	5	7.1	0
200	2001	23	530	4	0	0	0	0.316	3	7.16	0
200	2001	23	600	4	0	0	0	0.316	4	7.22	0
200	2001	23	630	4	0	0	0	0.316	3	7.28	0
200	2001	23	700	4	0	0	0	0.316	3	7.3	0
200	2001	23	730	4	0	0	0	0.316	3	7.37	0
200	2001	23	800	4	0	0	0	0.316	4	7.41	0
200	2001	23	830	4	0	0	0	0.317	3	7.48	0
200	2001	23	900	4	0	0	0	0.318	3	7.55	0
200	2001	23	930	4	0	0	0	0.317	3	7.66	0
200	2001	23	1000	4	0	0	0	0.317	4	7.84	0
200	2001	23	1030	4	0	0	0	0.321	3	7.99	0
200	2001	23	1100	4	0	0	0	0.321	3	8.11	0
200	2001	23	1130	4	0	0	0	0.321	4	8.17	0
200	2001	23	1200	4	0	0	0	0.321	4	8.2	0.02
200	2001	23	1230	4	0	0	0	0.321	3	8.24	0
200	2001	23	1300	4	0	0	0	0.322	4	8.29	0.01
200	2001	23	1330	4	0	0	0	0.322	3	8.33	0
200	2001	23	1400	4	0	0	0	0.322	3	8.4	0
200	2001	23	1430	4	0	0	0	0.334	3	8.4	0.05
200	2001	23	1500	4	0	0	0	0.342	3	8.42	0.07
200	2001	23	1530	4	0	0	0	0.354	6	8.42	0.09
200	2001	23	1600	4	0	0	0	0.384	26	8.42	0.07
200	2001	23	1630	4	1	1	4	0.412	180	8.46	0.01
200	2001	23	1700	4	2	1	3	0.417	178	8.43	0.01
200	2001	23	1730	4	3	2	1	0.406	118	8.39	0.01
200	2001	23	1800	4	0	2	0	0.414	80	8.37	0
200	2001	23	1830	4	4	2	1	0.432	54	8.31	0
200	2001	23	1900	4	0	2	0	0.449	34	8.25	0
200	2001	23	1930	4	0	2	0	0.462	27	8.18	0
200	2001	23	2000	4	5	2	1	0.483	21	8.12	0
200	2001	23	2030	4	0	2	0	0.529	17	8.06	0.01
200	2001	23	2100	4	0	2	0	0.56	16	8.01	0
200	2001	23	2130	4	0	2	0	0.578	23	7.94	0
200	2001	23	2200	4	6	1	1	0.692	34	7.9	0
200	2001	23	2230	4	0	1	0	0.767	34	7.86	0
200	2001	23	2300	4	0	1	0	0.784	31	7.81	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	23	2330	4	7	2	1	0.795	26	7.75	0
200	2001	23	2400	4	0	2	0	0.797	32	7.71	0.01
200	2001	24	30	4	0	1	0	0.795	44	7.69	0.01
200	2001	24	100	4	0	1	0	0.788	43	7.7	0
200	2001	24	130	4	0	2	0	0.783	36	7.67	0
200	2001	24	200	4	0	2	0	0.768	33	7.65	0
200	2001	24	230	4	0	2	0	0.756	35	7.62	0
200	2001	24	300	4	0	2	0	0.744	38	7.61	0
200	2001	24	330	4	0	1	0	0.74	40	7.6	0
200	2001	24	400	4	0	1	0	0.735	42	7.57	0
200	2001	24	430	4	0	1	0	0.726	43	7.54	0
200	2001	24	500	4	0	1	0	0.714	44	7.49	0
200	2001	24	530	4	0	1	0	0.702	44	7.47	0
200	2001	24	600	4	0	1	0	0.692	44	7.43	0
200	2001	24	630	4	0	1	0	0.684	42	7.41	0
200	2001	24	700	4	0	1	0	0.676	41	7.39	0
200	2001	24	730	4	0	2	0	0.668	39	7.37	0.03
200	2001	24	800	4	0	2	0	0.666	39	7.34	0
200	2001	24	830	4	0	2	0	0.656	38	7.34	0
200	2001	24	900	4	0	2	0	0.648	37	7.33	0
200	2001	24	930	4	8	2	3	0.643	36	7.34	0
200	2001	24	1000	4	0	2	0	0.64	33	7.37	0
200	2001	24	1030	4	0	2	0	0.634	33	7.4	0
200	2001	24	1100	4	0	2	0	0.631	32	7.46	0
200	2001	24	1130	4	0	2	0	0.626	32	7.59	0
200	2001	24	1200	4	0	2	0	0.62	31	7.76	0
200	2001	24	1230	4	0	2	0	0.617	30	7.84	0
200	2001	24	1300	4	9	2	1	0.615	30	7.86	0
200	2001	24	1330	4	0	2	0	0.613	30	7.94	0
200	2001	24	1400	4	0	2	0	0.606	29	7.9	0
200	2001	24	1430	4	0	2	0	0.608	28	7.93	0
200	2001	24	1500	4	0	2	0	0.604	29	8.05	0
200	2001	24	1530	4	0	2	0	0.606	28	8.1	0
200	2001	24	1600	4	0	2	0	0.6	29	8.14	0
200	2001	24	1630	4	0	2	0	0.6	27	8.09	0
200	2001	24	1700	4	0	2	0	0.601	27	7.99	0
200	2001	24	1730	4	0	2	0	0.601	27	7.88	0
200	2001	24	1800	4	0	2	0	0.602	25	7.78	0
200	2001	24	1830	4	0	2	0	0.604	26	7.69	0
200	2001	24	1900	4	0	2	0	0.605	24	7.59	0
200	2001	24	1930	4	0	2	0	0.607	26	7.49	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	24	2000	4	0	2	0	0.606	25	7.41	0
200	2001	24	2030	4	0	2	0	0.608	24	7.33	0
200	2001	24	2100	4	0	2	0	0.616	24	7.26	0
200	2001	24	2130	4	0	2	0	0.617	25	7.15	0
200	2001	24	2200	4	0	2	0	0.622	23	7.07	0
200	2001	24	2230	4	0	2	0	0.627	24	7.02	0
200	2001	24	2300	4	0	2	0	0.625	23	6.955	0
200	2001	24	2330	4	0	2	0	0.627	23	6.902	0
200	2001	24	2400	4	0	2	0	0.63	23	6.843	0
200	2001	25	30	4	0	2	0	0.628	23	6.788	0
200	2001	25	100	4	0	2	0	0.625	21	6.723	0
200	2001	25	130	4	0	2	0	0.625	22	6.702	0
200	2001	25	200	4	0	2	0	0.625	21	6.703	0
200	2001	25	230	4	0	2	0	0.628	22	6.673	0
200	2001	25	300	4	0	2	0	0.625	22	6.698	0
200	2001	25	330	4	0	2	0	0.626	23	6.708	0
200	2001	25	400	4	0	2	0	0.623	23	6.727	0
200	2001	25	430	4	0	2	0	0.62	24	6.737	0
200	2001	25	500	4	0	2	0	0.62	23	6.736	0
200	2001	25	530	4	0	2	0	0.619	22	6.756	0
200	2001	25	600	4	0	2	0	0.614	23	6.764	0
200	2001	25	630	4	0	2	0	0.617	23	6.773	0
200	2001	25	700	4	0	2	0	0.605	22	6.783	0
200	2001	25	730	4	0	2	0	0.611	23	6.773	0.01
200	2001	25	800	4	0	2	0	0.614	22	6.781	0
200	2001	25	830	4	0	2	0	0.615	23	6.789	0.02
200	2001	25	900	4	0	2	0	0.614	21	6.788	0.02
200	2001	25	930	4	0	2	0	0.631	22	6.801	0.12
200	2001	25	1000	4	0	1	0	0.699	43	6.657	0.18
200	2001	25	1030	4	0	1	0	0.796	173	6.482	0.07
200	2001	25	1100	4	10	1	1	0.808	164	6.476	0
200	2001	25	1130	4	11	2	1	0.874	99	6.543	0.07
200	2001	25	1200	4	0	2	0	0.982	98	6.63	0.02
200	2001	25	1230	4	0	2	0	1.146	148	6.736	0
200	2001	25	1300	4	12	1	1	1.428	229	6.984	0
200	2001	25	1330	4	0	1	0	1.653	202	7.14	0
200	2001	25	1400	4	0	1	0	1.776	248	7.27	0
200	2001	25	1430	4	0	1	0	1.868	199	7.37	0
200	2001	25	1500	4	13	2	1	1.865	185	7.45	0
200	2001	25	1530	4	0	2	0	1.841	165	7.57	0
200	2001	25	1600	4	0	2	0	1.812	154	7.67	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	25	1630	4	14	2	1	1.771	142	7.74	0
200	2001	25	1700	4	0	2	0	1.727	132	7.79	0
200	2001	25	1730	4	0	2	0	1.689	118	7.83	0
200	2001	25	1800	4	0	2	0	1.651	109	7.84	0
200	2001	25	1830	4	0	2	0	1.609	101	7.85	0
200	2001	25	1900	4	15	2	1	1.574	93	7.88	0
200	2001	25	1930	4	0	2	0	1.525	87	7.86	0
200	2001	25	2000	4	0	2	0	1.506	81	7.87	0
200	2001	25	2030	4	0	2	0	1.474	77	7.86	0
200	2001	25	2100	4	0	2	0	1.443	72	7.84	0
200	2001	25	2130	4	0	2	0	1.423	68	7.84	0.04
200	2001	25	2200	4	0	2	0	1.393	67	7.81	0
200	2001	25	2230	4	0	2	0	1.371	64	7.79	0.01
200	2001	25	2300	4	0	2	0	1.343	62	7.77	0.01
200	2001	25	2330	4	16	2	1	1.32	61	7.75	0.02
200	2001	25	2400	4	0	2	0	1.307	58	7.73	0
200	2001	26	30	4	0	2	0	1.29	56	7.7	0
200	2001	26	100	4	0	2	0	1.283	55	7.68	0
200	2001	26	130	4	0	2	0	1.271	54	7.67	0
200	2001	26	200	4	0	2	0	1.269	53	7.66	0.06
200	2001	26	230	4	0	2	0	1.276	52	7.63	0.02
200	2001	26	300	4	0	2	0	1.28	50	7.62	0
200	2001	26	330	4	0	2	0	1.277	50	7.59	0
200	2001	26	400	4	0	2	0	1.281	49	7.6	0.01
200	2001	26	430	4	0	2	0	1.3	48	7.57	0
200	2001	26	500	4	0	2	0	1.306	47	7.54	0
200	2001	26	530	4	0	2	0	1.339	47	7.53	0
200	2001	26	600	4	0	2	0	1.359	47	7.54	0
200	2001	26	630	4	0	2	0	1.38	47	7.52	0.01
200	2001	26	700	4	0	2	0	1.392	47	7.54	0.01
200	2001	26	730	4	0	2	0	1.402	47	7.55	0
200	2001	26	800	4	0	2	0	1.398	48	7.53	0
200	2001	26	830	4	0	2	0	1.4	47	7.55	0
200	2001	26	900	4	0	2	0	1.4	47	7.55	0
200	2001	26	930	4	0	2	0	1.386	47	7.56	0
200	2001	26	1000	4	0	2	0	1.375	46	7.58	0
200	2001	26	1030	4	0	2	0	1.367	46	7.67	0
200	2001	26	1100	4	0	2	0	1.351	45	7.76	0
200	2001	26	1130	4	0	2	0	1.337	43	7.83	0
200	2001	26	1200	4	0	2	0	1.322	43	7.9	0
200	2001	26	1230	4	0	2	0	1.316	44	7.99	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	26	1300	4	0	2	0	1.296	43	8.11	0
200	2001	26	1330	4	0	2	0	1.291	43	8.15	0
200	2001	26	1400	4	0	2	0	1.273	41	8.24	0
200	2001	26	1430	4	0	2	0	1.259	42	8.19	0
200	2001	26	1500	4	0	2	0	1.244	41	8.11	0
200	2001	26	1530	4	0	2	0	1.232	41	8.09	0
200	2001	26	1600	4	0	2	0	1.212	40	8.1	0
200	2001	26	1630	4	0	2	0	1.206	40	8.14	0
200	2001	26	1700	4	0	2	0	1.192	40	8.13	0
200	2001	26	1730	4	0	2	0	1.176	40	8.09	0
200	2001	26	1800	4	0	2	0	1.171	39	8.05	0
200	2001	26	1830	4	0	2	0	1.148	38	8.02	0
200	2001	26	1900	4	0	2	0	1.136	38	7.96	0
200	2001	26	1930	4	0	2	0	1.127	39	7.9	0
200	2001	26	2000	4	0	2	0	1.118	39	7.87	0
200	2001	26	2030	4	0	2	0	1.108	38	7.82	0
200	2001	26	2100	4	0	2	0	1.092	40	7.78	0
200	2001	26	2130	4	0	2	0	1.076	39	7.7	0
200	2001	26	2200	4	0	2	0	1.073	39	7.64	0
200	2001	26	2230	4	0	2	0	1.06	35	7.55	0
200	2001	26	2300	4	0	2	0	1.054	35	7.48	0
200	2001	26	2330	4	0	2	0	1.046	34	7.41	0
200	2001	26	2400	4	0	2	0	1.036	36	7.32	0
200	2001	27	30	4	0	2	0	1.022	35	7.24	0
200	2001	27	100	4	0	2	0	1.013	34	7.16	0
200	2001	27	130	4	0	2	0	1.01	33	7.06	0
200	2001	27	200	4	0	2	0	1.003	34	6.992	0
200	2001	27	230	4	0	2	0	0.998	32	6.886	0
200	2001	27	300	4	0	2	0	0.986	32	6.821	0
200	2001	27	330	4	0	2	0	0.973	34	6.745	0
200	2001	27	400	4	0	2	0	0.976	33	6.668	0
200	2001	27	430	4	0	2	0	0.96	32	6.61	0
200	2001	27	500	4	0	2	0	0.956	33	6.535	0
200	2001	27	530	4	0	2	0	0.948	33	6.477	0
200	2001	27	600	4	0	2	0	0.942	32	6.418	0
200	2001	27	630	4	0	2	0	0.933	31	6.362	0
200	2001	27	700	4	0	2	0	0.923	30	6.296	0
200	2001	27	730	4	17	2	1	0.92	30	6.257	0
200	2001	27	800	4	0	2	0	0.911	29	6.2	0
200	2001	27	830	4	0	2	0	0.906	30	6.142	0
200	2001	27	900	4	0	2	0	0.9	31	6.114	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	27	930	4	0	2	0	0.892	30	6.095	0
200	2001	27	1000	4	0	2	0	0.888	31	6.076	0
200	2001	27	1030	4	0	2	0	0.883	27	6.114	0
200	2001	27	1100	4	18	2	3	0.874	27	6.198	0.01
200	2001	27	1130	4	0	2	0	0.806	26	6.341	0
200	2001	27	1200	5	0	2	0	0.887	26	6.473	0
200	2001	27	1230	5	0	2	0	0.878	26	6.651	0
200	2001	27	1300	5	0	2	0	0.872	26	6.841	0
200	2001	27	1330	5	0	2	0	0.871	27	6.993	0
200	2001	27	1400	5	0	2	0	0.877	25	7.07	0
200	2001	27	1430	5	0	2	0	0.891	26	7.09	0
200	2001	27	1500	5	0	2	0	0.901	26	7.07	0
200	2001	27	1530	5	0	2	0	0.875	27	7.06	0
200	2001	27	1600	5	0	2	0	0.871	25	6.997	0
200	2001	27	1630	5	0	2	0	0.867	25	6.9	0
200	2001	27	1700	5	0	2	0	0.865	25	6.824	0
200	2001	27	1730	5	0	2	0	0.863	25	6.777	0
200	2001	27	1800	5	0	2	0	0.859	24	6.73	0
200	2001	27	1830	5	0	2	0	0.853	24	6.683	0
200	2001	27	1900	5	0	2	0	0.851	24	6.625	0
200	2001	27	1930	5	0	2	0	0.84	24	6.59	0
200	2001	27	2000	5	0	2	0	0.84	23	6.532	0
200	2001	27	2030	5	0	2	0	0.832	24	6.515	0
200	2001	27	2100	5	0	2	0	0.829	24	6.466	0
200	2001	27	2130	5	0	2	0	0.824	24	6.429	0
200	2001	27	2200	5	0	2	0	0.823	23	6.394	0
200	2001	27	2230	5	0	2	0	0.817	23	6.338	0
200	2001	27	2300	5	0	2	0	0.814	22	6.299	0
200	2001	27	2330	5	0	2	0	0.809	21	6.264	0
200	2001	27	2400	5	0	2	0	0.802	22	6.217	0
200	2001	28	30	5	0	2	0	0.801	23	6.179	0
200	2001	28	100	5	0	2	0	0.795	21	6.123	0
200	2001	28	130	5	0	2	0	0.793	21	6.066	0
200	2001	28	200	5	0	2	0	0.788	20	6.037	0
200	2001	28	230	5	0	2	0	0.78	21	5.99	0
200	2001	28	300	5	0	2	0	0.779	21	5.942	0
200	2001	28	330	5	0	2	0	0.779	21	5.914	0
200	2001	28	400	5	0	2	0	0.773	21	5.876	0
200	2001	28	430	5	0	2	0	0.769	21	5.809	0
200	2001	28	500	5	0	2	0	0.767	21	5.77	0
200	2001	28	530	5	0	2	0	0.761	20	5.713	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	28	600	5	0	2	0	0.756	19	5.675	0
200	2001	28	630	5	0	2	0	0.753	20	5.618	0
200	2001	28	700	5	0	2	0	0.752	20	5.57	0
200	2001	28	730	5	0	2	0	0.75	19	5.522	0
200	2001	28	800	5	0	2	0	0.753	18	5.494	0
200	2001	28	830	5	0	2	0	0.752	19	5.446	0
200	2001	28	900	5	0	2	0	0.756	18	5.447	0
200	2001	28	930	5	0	2	0	0.756	19	5.418	0
200	2001	28	1000	5	0	2	0	0.752	18	5.437	0
200	2001	28	1030	5	0	2	0	0.745	18	5.504	0
200	2001	28	1100	5	0	2	0	0.737	17	5.637	0
200	2001	28	1130	5	0	2	0	0.726	18	5.809	0
200	2001	28	1200	5	0	2	0	0.722	18	6.017	0
200	2001	28	1230	5	0	2	0	0.716	17	6.245	0
200	2001	28	1300	5	0	2	0	0.712	18	6.441	0
200	2001	28	1330	5	0	2	0	0.71	18	6.649	0
200	2001	28	1400	5	0	2	0	0.706	18	6.761	0
200	2001	28	1430	5	0	2	0	0.703	17	6.804	0
200	2001	28	1500	5	0	2	0	0.705	17	6.912	0
200	2001	28	1530	5	0	2	0	0.7	17	6.95	0
200	2001	28	1600	5	0	2	0	0.697	17	6.979	0
200	2001	28	1630	5	0	2	0	0.697	17	6.999	0
200	2001	28	1700	5	0	2	0	0.69	16	6.97	0
200	2001	28	1730	5	0	2	0	0.692	17	6.95	0
200	2001	28	1800	5	0	2	0	0.684	17	6.921	0
200	2001	28	1830	5	1	1	1	0.68	26	6.911	0
200	2001	28	1900	5	0	1	0	0.677	17	6.903	0
200	2001	28	1930	5	0	2	0	0.673	16	6.911	0
200	2001	28	2000	5	0	2	0	0.675	17	6.931	0.01
200	2001	28	2030	5	0	2	0	0.67	17	6.931	0
200	2001	28	2100	5	0	2	0	0.668	16	6.923	0
200	2001	28	2130	5	0	2	0	0.669	16	6.96	0.02
200	2001	28	2200	5	0	2	0	0.671	16	6.97	0.03
200	2001	28	2230	5	0	2	0	0.671	17	7	0.02
200	2001	28	2300	5	0	2	0	0.676	16	7.01	0.02
200	2001	28	2330	5	0	2	0	0.677	16	7.03	0
200	2001	28	2400	5	0	2	0	0.674	18	7.05	0.01
200	2001	29	30	5	0	2	0	0.68	17	7.05	0.03
200	2001	29	100	5	0	2	0	0.683	18	7.06	0
200	2001	29	130	5	0	2	0	0.691	19	7.07	0
200	2001	29	200	5	2	1	1	0.697	21	7.08	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	29	230	5	0	1	0	0.712	20	7.06	0.02
200	2001	29	300	5	0	1	0	0.734	25	7.08	0
200	2001	29	330	5	0	1	0	0.753	26	7.08	0
200	2001	29	400	5	0	1	0	0.779	24	7.07	0
200	2001	29	430	5	0	2	0	0.812	21	7.04	0
200	2001	29	500	5	0	2	0	0.847	20	7.01	0
200	2001	29	530	5	0	2	0	0.894	22	7.01	0
200	2001	29	600	5	0	1	0	0.978	27	7.02	0
200	2001	29	630	5	0	1	0	1.122	30	7.02	0
200	2001	29	700	5	0	1	0	1.204	31	7.02	0
200	2001	29	730	5	0	1	0	1.237	32	7.04	0
200	2001	29	800	5	0	1	0	1.278	34	7.06	0
200	2001	29	830	5	0	1	0	1.29	39	7.07	0
200	2001	29	900	5	0	1	0	1.301	44	7.06	0
200	2001	29	930	5	0	1	0	1.302	47	7.09	0
200	2001	29	1000	5	0	1	0	1.3	47	7.12	0
200	2001	29	1030	5	0	1	0	1.303	46	7.19	0
200	2001	29	1100	5	0	1	0	1.3	45	7.27	0
200	2001	29	1130	5	0	1	0	1.302	43	7.35	0
200	2001	29	1200	5	0	2	0	1.294	42	7.4	0.01
200	2001	29	1230	5	0	2	0	1.292	41	7.46	0
200	2001	29	1300	5	0	2	0	1.281	39	7.57	0
200	2001	29	1330	5	0	2	0	1.276	40	7.62	0
200	2001	29	1400	5	0	2	0	1.269	39	7.65	0
200	2001	29	1430	5	0	2	0	1.293	39	7.61	0
200	2001	29	1500	5	0	2	0	1.271	39	7.6	0
200	2001	29	1530	5	0	2	0	1.13	39	7.56	0
200	2001	29	1600	5	0	2	0	1.249	38	7.5	0
200	2001	29	1630	5	0	2	0	1.218	38	7.42	0
200	2001	29	1700	5	0	2	0	1.239	37	7.38	0
200	2001	29	1730	5	0	2	0	1.229	36	7.35	0
200	2001	29	1800	5	0	2	0	1.221	35	7.32	0
200	2001	29	1830	5	0	2	0	1.214	35	7.24	0
200	2001	29	1900	5	0	2	0	1.212	35	7.21	0
200	2001	29	1930	5	0	2	0	1.202	35	7.15	0
200	2001	29	2000	5	0	2	0	1.193	35	7.11	0
200	2001	29	2030	5	0	2	0	1.182	35	7.07	0
200	2001	29	2100	5	0	2	0	1.176	34	7	0
200	2001	29	2130	5	0	2	0	1.171	35	6.954	0
200	2001	29	2200	5	0	2	0	1.157	33	6.909	0
200	2001	29	2230	5	0	2	0	1.149	33	6.843	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	29	2300	5	0	2	0	1.137	33	6.779	0
200	2001	29	2330	5	0	2	0	1.133	32	6.723	0
200	2001	29	2400	5	0	2	0	1.123	32	6.638	0
200	2001	30	30	5	0	2	0	1.115	30	6.572	0
200	2001	30	100	5	3	2	1	1.105	30	6.505	0
200	2001	30	130	5	0	2	0	1.099	30	6.448	0
200	2001	30	200	5	0	2	0	1.091	30	6.353	0
200	2001	30	230	5	0	2	0	1.083	28	6.286	0
200	2001	30	300	5	0	2	0	1.081	28	6.21	0
200	2001	30	330	5	0	2	0	1.071	30	6.143	0
200	2001	30	400	5	0	2	0	1.065	29	6.076	0
200	2001	30	430	5	0	2	0	1.058	27	6.018	0
200	2001	30	500	5	0	2	0	1.054	27	5.952	0
200	2001	30	530	5	0	2	0	1.046	28	5.885	0
200	2001	30	600	5	0	2	0	1.041	27	5.828	0
200	2001	30	630	5	0	2	0	1.035	26	5.78	0
200	2001	30	700	5	0	2	0	1.029	27	5.723	0
200	2001	30	730	5	0	2	0	1.018	25	5.675	0
200	2001	30	800	5	0	2	0	1.015	26	5.656	0
200	2001	30	830	5	0	2	0	1.004	26	5.646	0
200	2001	30	900	5	0	2	0	0.999	26	5.666	0
200	2001	30	930	5	0	2	0	0.994	25	5.704	0
200	2001	30	1000	5	0	2	0	0.985	24	5.75	0
200	2001	30	1030	5	0	2	0	0.976	25	5.846	0
200	2001	30	1100	5	0	2	0	0.972	25	5.946	0
200	2001	30	1130	5	0	2	0	0.961	24	6.058	0
200	2001	30	1200	5	0	2	0	0.949	24	6.218	0
200	2001	30	1230	5	0	2	0	0.941	24	6.37	0
200	2001	30	1300	5	0	2	0	0.925	24	6.541	0
200	2001	30	1330	5	0	2	0	0.928	23	6.73	0
200	2001	30	1400	5	0	2	0	0.925	24	6.815	0
200	2001	30	1430	5	0	2	0	0.904	24	6.835	0
200	2001	30	1500	5	0	2	0	0.896	24	6.844	0
200	2001	30	1530	5	0	2	0	0.984	24	6.824	0
200	2001	30	1600	5	0	2	0	1.014	24	6.757	0
200	2001	30	1630	5	0	2	0	1.029	24	6.681	0
200	2001	30	1700	5	0	2	0	1.152	22	6.595	0
200	2001	30	1730	5	0	2	0	0.899	23	6.538	0
200	2001	30	1800	5	0	2	0	0.901	23	6.49	0
200	2001	30	1830	5	0	2	0	0.894	21	6.452	0
200	2001	30	1900	5	0	2	0	0.894	21	6.386	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	30	1930	5	0	2	0	0.895	21	6.349	0
200	2001	30	2000	5	0	2	0	0.886	22	6.302	0
200	2001	30	2030	5	0	2	0	0.886	20	6.257	0
200	2001	30	2100	5	0	2	0	0.886	21	6.218	0
200	2001	30	2130	5	0	2	0	0.884	21	6.172	0
200	2001	30	2200	5	0	2	0	0.879	21	6.136	0
200	2001	30	2230	5	0	2	0	0.879	21	6.089	0
200	2001	30	2300	5	0	2	0	0.875	21	6.034	0
200	2001	30	2330	5	0	2	0	0.872	20	6.008	0
200	2001	30	2400	5	0	2	0	0.868	20	5.95	0
200	2001	31	30	5	0	2	0	0.862	21	5.922	0
200	2001	31	100	5	0	2	0	0.857	20	5.865	0
200	2001	31	130	5	0	2	0	0.856	20	5.828	0
200	2001	31	200	5	0	2	0	0.856	20	5.761	0
200	2001	31	230	5	0	2	0	0.853	20	5.732	0
200	2001	31	300	5	0	2	0	0.849	19	5.675	0
200	2001	31	330	5	0	2	0	0.842	19	5.627	0
200	2001	31	400	5	0	2	0	0.836	19	5.58	0
200	2001	31	430	5	0	2	0	0.832	19	5.513	0
200	2001	31	500	5	0	2	0	0.834	18	5.456	0
200	2001	31	530	5	0	2	0	0.831	18	5.409	0
200	2001	31	600	5	0	2	0	0.827	19	5.352	0
200	2001	31	630	5	0	2	0	0.826	19	5.304	0
200	2001	31	700	5	0	2	0	0.822	18	5.266	0
200	2001	31	730	5	0	2	0	0.821	19	5.209	0
200	2001	31	800	5	0	2	0	0.815	19	5.17	0
200	2001	31	830	5	0	2	0	0.812	18	5.142	0
200	2001	31	900	5	0	2	0	0.808	17	5.123	0
200	2001	31	930	5	0	2	0	0.808	17	5.104	0
200	2001	31	1000	5	0	2	0	0.803	18	5.123	0
200	2001	31	1030	5	0	2	0	0.797	17	5.209	0
200	2001	31	1100	5	0	2	0	0.786	17	5.342	0
200	2001	31	1130	5	0	2	0	0.776	17	5.522	0
200	2001	31	1200	5	0	2	0	0.766	18	5.703	0
200	2001	31	1230	5	0	2	0	0.758	17	5.909	0
200	2001	31	1300	5	0	2	0	0.749	18	6.184	0
200	2001	31	1330	5	0	2	0	0.741	17	6.389	0
200	2001	31	1400	5	0	2	0	0.733	17	6.53	0
200	2001	31	1430	5	0	2	0	0.741	17	6.604	0
200	2001	31	1500	5	0	2	0	0.737	18	6.66	0
200	2001	31	1530	5	0	2	0	0.718	18	6.662	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	31	1600	5	0	2	0	0.752	17	6.614	0
200	2001	31	1630	5	0	2	0	0.741	17	6.537	0
200	2001	31	1700	5	0	2	0	0.777	16	6.452	0
200	2001	31	1730	5	0	2	0	0.743	17	6.375	0
200	2001	31	1800	5	0	2	0	0.741	16	6.31	0
200	2001	31	1830	5	0	2	0	0.729	16	6.223	0
200	2001	31	1900	5	0	2	0	0.731	17	6.176	0
200	2001	31	1930	5	0	2	0	0.719	16	6.137	0
200	2001	31	2000	5	0	2	0	0.71	15	6.092	0
200	2001	31	2030	5	0	2	0	0.713	17	6.044	0
200	2001	31	2100	5	0	2	0	0.716	15	6.009	0
200	2001	31	2130	5	0	2	0	0.721	14	5.98	0
200	2001	31	2200	5	0	2	0	0.717	15	5.933	0
200	2001	31	2230	5	0	2	0	0.715	15	5.898	0
200	2001	31	2300	5	0	2	0	0.711	15	5.841	0
200	2001	31	2330	5	0	2	0	0.714	14	5.803	0
200	2001	31	2400	5	0	2	0	0.713	16	5.766	0
200	2001	32	30	5	0	2	0	0.707	14	5.729	0
200	2001	32	100	5	0	2	0	0.704	15	5.674	0
200	2001	32	130	5	0	2	0	0.702	14	5.636	0
200	2001	32	200	5	0	2	0	0.705	14	5.588	0
200	2001	32	230	5	0	2	0	0.703	14	5.559	0
200	2001	32	300	5	0	2	0	0.708	14	5.531	0
200	2001	32	330	5	0	2	0	0.701	14	5.513	0
200	2001	32	400	5	0	2	0	0.701	15	5.456	0
200	2001	32	430	5	0	2	0	0.699	14	5.437	0
200	2001	32	500	5	0	2	0	0.694	14	5.408	0
200	2001	32	530	5	0	2	0	0.692	14	5.39	0
200	2001	32	600	5	0	2	0	0.694	14	5.38	0
200	2001	32	630	5	0	2	0	0.696	14	5.361	0
200	2001	32	700	5	0	2	0	0.691	13	5.342	0
200	2001	32	730	5	0	2	0	0.689	15	5.332	0
200	2001	32	800	5	0	2	0	0.688	14	5.33	0
200	2001	32	830	5	0	2	0	0.689	13	5.351	0
200	2001	32	900	5	0	2	0	0.684	15	5.399	0
200	2001	32	930	5	0	2	0	0.677	15	5.474	0
200	2001	32	1000	5	0	2	0	0.674	13	5.567	0
200	2001	32	1030	5	0	2	0	0.664	14	5.717	0
200	2001	32	1100	5	0	2	0	0.657	13	5.876	0
200	2001	32	1130	5	0	2	0	0.648	13	6.038	0
200	2001	32	1200	5	0	2	0	0.644	14	6.228	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	32	1230	5	0	2	0	0.636	14	6.445	0
200	2001	32	1300	5	0	2	0	0.633	14	6.683	0
200	2001	32	1330	5	0	2	0	0.628	14	6.904	0
200	2001	32	1400	5	0	2	0	0.623	14	7.1	0
200	2001	32	1430	5	0	2	0	0.629	14	7.2	0
200	2001	32	1500	5	0	2	0	0.62	13	7.28	0
200	2001	32	1530	5	0	2	0	0.619	14	7.29	0
200	2001	32	1600	5	0	2	0	0.618	15	7.32	0
200	2001	32	1630	5	0	2	0	0.617	16	7.3	0
200	2001	32	1700	5	0	2	0	0.615	14	7.26	0
200	2001	32	1730	5	0	2	0	0.613	13	7.22	0
200	2001	32	1800	5	0	2	0	0.616	14	7.16	0
200	2001	32	1830	5	0	2	0	0.614	13	7.11	0
200	2001	32	1900	5	0	2	0	0.611	14	7.05	0
200	2001	32	1930	5	0	2	0	0.611	13	7.03	0
200	2001	32	2000	5	0	2	0	0.609	13	7.01	0
200	2001	32	2030	5	0	2	0	0.609	13	6.99	0
200	2001	32	2100	5	0	2	0	0.605	13	6.978	0
200	2001	32	2130	5	0	2	0	0.603	13	6.979	0
200	2001	32	2200	5	0	2	0	0.604	12	6.972	0
200	2001	32	2230	5	0	2	0	0.605	12	6.961	0
200	2001	32	2300	5	0	2	0	0.604	13	6.943	0
200	2001	32	2330	5	0	2	0	0.601	14	6.963	0
200	2001	32	2400	5	0	2	0	0.6	14	6.945	0
200	2001	33	30	5	0	2	0	0.598	14	6.952	0
200	2001	33	100	5	0	2	0	0.597	12	6.96	0
200	2001	33	130	5	0	2	0	0.597	13	6.972	0.01
200	2001	33	200	5	0	2	0	0.599	13	6.96	0
200	2001	33	230	5	0	2	0	0.599	12	6.961	0
200	2001	33	300	5	0	2	0	0.593	12	6.99	0.01
200	2001	33	330	5	0	2	0	0.594	13	6.979	0.01
200	2001	33	400	5	0	2	0	0.594	12	7	0.01
200	2001	33	430	5	0	2	0	0.595	14	6.999	0.02
200	2001	33	500	5	0	2	0	0.586	13	7.02	0.01
200	2001	33	530	5	0	2	0	0.59	12	7.03	0
200	2001	33	600	5	0	2	0	0.588	13	7.05	0
200	2001	33	630	5	0	2	0	0.591	12	7.07	0
200	2001	33	700	5	0	2	0	0.592	12	7.1	0.01
200	2001	33	730	5	0	2	0	0.588	13	7.1	0
200	2001	33	800	5	0	2	0	0.591	13	7.15	0
200	2001	33	830	5	0	2	0	0.597	12	7.18	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	33	900	5	0	2	0	0.597	12	7.2	0
200	2001	33	930	5	0	2	0	0.597	13	7.24	0
200	2001	33	1000	5	0	2	0	0.594	13	7.3	0
200	2001	33	1030	5	0	2	0	0.59	12	7.37	0
200	2001	33	1100	5	0	2	0	0.589	12	7.45	0
200	2001	33	1130	5	0	2	0	0.586	12	7.53	0
200	2001	33	1200	5	0	2	0	0.582	13	7.62	0
200	2001	33	1230	5	0	2	0	0.576	12	7.7	0
200	2001	33	1300	5	0	2	0	0.576	12	7.79	0
200	2001	33	1330	5	0	2	0	0.573	12	7.86	0
200	2001	33	1400	5	0	2	0	0.573	13	7.93	0
200	2001	33	1430	5	0	2	0	0.571	13	7.99	0
200	2001	33	1500	5	4	1	1	0.512	21	8.05	0
200	2001	33	1530	5	0	1	0	0.523	20	8.11	0
200	2001	33	1600	5	0	1	0	0.526	20	8.18	0
200	2001	33	1630	5	0	1	0	0.527	18	8.2	0
200	2001	33	1700	5	0	1	0	0.559	20	8.21	0
200	2001	33	1730	5	0	1	0	0.559	21	8.2	0
200	2001	33	1800	5	0	1	0	0.559	20	8.19	0
200	2001	33	1830	5	0	1	0	0.553	18	8.17	0
200	2001	33	1900	5	0	2	0	0.554	14	8.14	0
200	2001	33	1930	5	0	2	0	0.552	15	8.1	0
200	2001	33	2000	5	0	2	0	0.552	16	8.1	0
200	2001	33	2030	5	0	2	0	0.551	10	8.04	0
200	2001	33	2100	5	0	2	0	0.549	11	8.03	0
200	2001	33	2130	5	0	2	0	0.549	11	8.03	0
200	2001	33	2200	5	0	2	0	0.543	10	8.01	0
200	2001	33	2230	5	0	2	0	0.543	10	8.01	0
200	2001	33	2300	5	0	2	0	0.541	11	8	0
200	2001	33	2330	5	0	2	0	0.537	10	7.98	0
200	2001	33	2400	5	0	2	0	0.536	11	7.96	0
200	2001	34	30	5	0	2	0	0.534	10	7.95	0
200	2001	34	100	5	0	2	0	0.532	11	7.94	0
200	2001	34	130	5	0	2	0	0.533	11	7.92	0
200	2001	34	200	5	0	2	0	0.533	11	7.91	0
200	2001	34	230	5	0	2	0	0.533	11	7.9	0
200	2001	34	300	5	0	2	0	0.53	11	7.89	0
200	2001	34	330	5	0	2	0	0.529	11	7.87	0
200	2001	34	400	5	0	2	0	0.528	11	7.85	0
200	2001	34	430	5	0	2	0	0.527	11	7.85	0
200	2001	34	500	5	0	2	0	0.527	11	7.84	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	34	530	5	0	2	0	0.528	10	7.83	0
200	2001	34	600	5	0	2	0	0.526	11	7.82	0
200	2001	34	630	5	0	2	0	0.525	10	7.8	0
200	2001	34	700	5	0	2	0	0.523	10	7.8	0
200	2001	34	730	5	0	2	0	0.523	10	7.78	0
200	2001	34	800	5	0	2	0	0.522	11	7.77	0
200	2001	34	830	5	0	2	0	0.523	10	7.81	0
200	2001	34	900	5	0	2	0	0.524	10	7.84	0
200	2001	34	930	5	0	2	0	0.521	11	7.93	0
200	2001	34	1000	5	0	2	0	0.521	11	8.02	0
200	2001	34	1030	5	0	2	0	0.52	11	8.12	0
200	2001	34	1100	5	0	2	0	0.519	11	8.29	0
200	2001	34	1130	5	0	2	0	0.517	10	8.42	0
200	2001	34	1200	5	0	2	0	0.514	10	8.58	0
200	2001	34	1230	5	0	2	0	0.514	11	8.7	0
200	2001	34	1300	5	0	2	0	0.514	11	8.8	0
200	2001	34	1330	5	0	2	0	0.511	10	8.88	0
200	2001	34	1400	5	0	2	0	0.514	9	8.99	0
200	2001	34	1430	5	0	2	0	0.53	10	9.1	0
200	2001	34	1500	5	0	2	0	0.528	12	9.22	0
200	2001	34	1530	5	0	2	0	0.529	10	9.28	0
200	2001	34	1600	5	0	2	0	0.528	11	9.32	0
200	2001	34	1630	5	0	2	0	0.528	12	9.35	0
200	2001	34	1700	5	0	2	0	0.531	11	9.34	0
200	2001	34	1730	5	0	2	0	0.528	11	9.29	0
200	2001	34	1800	5	0	2	0	0.528	10	9.23	0
200	2001	34	1830	5	0	2	0	0.529	10	9.17	0
200	2001	34	1900	5	0	2	0	0.527	10	9.1	0
200	2001	34	1930	5	0	2	0	0.526	11	9.02	0
200	2001	34	2000	5	0	2	0	0.525	10	8.96	0
200	2001	34	2030	5	0	2	0	0.522	10	8.85	0
200	2001	34	2100	5	0	2	0	0.521	11	8.79	0
200	2001	34	2130	5	0	2	0	0.521	12	8.69	0
200	2001	34	2200	5	0	2	0	0.521	10	8.62	0
200	2001	34	2230	5	0	2	0	0.52	11	8.55	0
200	2001	34	2300	5	0	2	0	0.519	10	8.46	0
200	2001	34	2330	5	0	2	0	0.518	9	8.41	0
200	2001	34	2400	5	0	2	0	0.517	9	8.35	0
200	2001	35	30	5	0	2	0	0.518	11	8.26	0
200	2001	35	100	5	0	2	0	0.517	10	8.2	0
200	2001	35	130	5	0	2	0	0.516	10	8.12	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	35	200	5	0	2	0	0.516	10	8.07	0
200	2001	35	230	5	0	2	0	0.515	10	7.99	0
200	2001	35	300	5	0	2	0	0.515	10	7.92	0
200	2001	35	330	5	0	2	0	0.516	11	7.87	0
200	2001	35	400	5	0	2	0	0.515	10	7.82	0
200	2001	35	430	5	0	2	0	0.515	10	7.76	0
200	2001	35	500	5	0	2	0	0.516	9	7.7	0
200	2001	35	530	5	0	2	0	0.518	9	7.64	0
200	2001	35	600	5	0	2	0	0.516	11	7.59	0
200	2001	35	630	5	0	2	0	0.518	10	7.53	0
200	2001	35	700	5	0	2	0	0.522	10	7.47	0
200	2001	35	730	5	0	2	0	0.525	9	7.43	0
200	2001	35	800	5	0	2	0	0.528	10	7.4	0
200	2001	35	830	5	0	2	0	0.531	9	7.35	0
200	2001	35	900	5	0	2	0	0.53	10	7.31	0
200	2001	35	930	5	0	2	0	0.53	9	7.32	0
200	2001	35	1000	5	0	2	0	0.53	10	7.33	0
200	2001	35	1030	5	0	2	0	0.525	9	7.42	0
200	2001	35	1100	5	0	2	0	0.516	9	7.62	0
200	2001	35	1130	5	0	2	0	0.508	9	7.86	0
200	2001	35	1200	5	0	2	0	0.502	9	8.11	0
200	2001	35	1230	5	0	2	0	0.497	11	8.41	0
200	2001	35	1300	5	0	2	0	0.501	10	8.75	0
200	2001	35	1330	5	0	2	0	0.503	10	9.13	0
200	2001	35	1400	5	0	2	0	0.5	10	9.41	0
200	2001	35	1430	5	0	2	0	0.505	11	9.61	0
200	2001	35	1500	5	0	2	0	0.502	12	9.75	0
200	2001	35	1530	5	0	2	0	0.5	11	9.8	0
200	2001	35	1600	5	0	2	0	0.5	10	9.8	0
200	2001	35	1630	5	0	2	0	0.5	11	9.74	0
200	2001	35	1700	5	0	2	0	0.5	10	9.65	0
200	2001	35	1730	5	0	2	0	0.501	10	9.58	0
200	2001	35	1800	5	0	2	0	0.497	11	9.5	0
200	2001	35	1830	5	0	2	0	0.496	10	9.41	0
200	2001	35	1900	5	0	2	0	0.497	10	9.34	0
200	2001	35	1930	5	0	2	0	0.496	10	9.25	0
200	2001	35	2000	5	0	2	0	0.495	11	9.18	0
200	2001	35	2030	5	0	2	0	0.495	10	9.11	0
200	2001	35	2100	5	0	2	0	0.496	10	9.03	0
200	2001	35	2130	5	0	2	0	0.495	9	8.97	0
200	2001	35	2200	5	0	2	0	0.491	8	8.91	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	35	2230	5	0	2	0	0.491	9	8.86	0
200	2001	35	2300	5	0	2	0	0.491	10	8.83	0
200	2001	35	2330	5	0	2	0	0.489	10	8.79	0
200	2001	35	2400	5	0	2	0	0.489	9	8.78	0
200	2001	36	30	5	0	2	0	0.489	10	8.76	0
200	2001	36	100	5	0	2	0	0.489	10	8.77	0
200	2001	36	130	5	0	2	0	0.489	9	8.75	0
200	2001	36	200	5	0	2	0	0.489	9	8.73	0
200	2001	36	230	5	0	2	0	0.488	10	8.72	0
200	2001	36	300	5	0	2	0	0.487	9	8.73	0
200	2001	36	330	5	0	2	0	0.488	11	8.67	0
200	2001	36	400	5	0	2	0	0.486	9	8.64	0
200	2001	36	430	5	0	2	0	0.477	10	8.61	0
200	2001	36	500	5	0	2	0	0.481	9	8.59	0
200	2001	36	530	5	0	2	0	0.482	10	8.56	0
200	2001	36	600	5	0	2	0	0.48	8	8.55	0
200	2001	36	630	5	0	2	0	0.481	9	8.54	0
200	2001	36	700	5	0	2	0	0.479	10	8.54	0
200	2001	36	730	5	0	2	0	0.481	9	8.51	0
200	2001	36	800	5	0	2	0	0.48	10	8.51	0
200	2001	36	830	5	0	2	0	0.478	9	8.53	0
200	2001	36	900	5	0	2	0	0.478	11	8.54	0
200	2001	36	930	5	0	2	0	0.479	10	8.57	0
200	2001	36	1000	5	0	2	0	0.477	9	8.61	0
200	2001	36	1030	5	0	2	0	0.478	10	8.67	0
200	2001	36	1100	5	0	2	0	0.477	10	8.76	0
200	2001	36	1130	5	0	2	0	0.476	10	8.84	0
200	2001	36	1200	5	0	2	0	0.478	9	8.92	0
200	2001	36	1230	5	0	2	0	0.476	10	9.03	0
200	2001	36	1300	5	0	2	0	0.477	9	9.16	0
200	2001	36	1330	5	0	2	0	0.478	10	9.36	0
200	2001	36	1400	5	0	2	0	0.478	11	9.56	0
200	2001	36	1430	5	0	2	0	0.479	11	9.64	0
200	2001	36	1500	5	0	2	0	0.479	12	9.67	0
200	2001	36	1530	5	0	2	0	0.479	11	9.7	0
200	2001	36	1600	5	0	2	0	0.478	11	9.73	0
200	2001	36	1630	5	0	2	0	0.476	11	9.71	0
200	2001	36	1700	5	0	2	0	0.478	12	9.65	0
200	2001	36	1730	5	0	2	0	0.478	12	9.56	0
200	2001	36	1800	5	0	2	0	0.476	10	9.42	0
200	2001	36	1830	5	0	2	0	0.476	10	9.29	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	36	1900	5	0	2	0	0.471	11	9.19	0
200	2001	36	1930	5	0	2	0	0.47	12	9.11	0
200	2001	36	2000	5	0	2	0	0.464	11	9.02	0
200	2001	36	2030	5	0	2	0	0.467	11	8.97	0
200	2001	36	2100	5	0	2	0	0.47	12	8.89	0
200	2001	36	2130	5	0	2	0	0.472	12	8.86	0
200	2001	36	2200	5	0	2	0	0.472	12	8.79	0
200	2001	36	2230	5	0	2	0	0.472	12	8.76	0
200	2001	36	2300	5	0	2	0	0.471	11	8.71	0
200	2001	36	2330	5	0	2	0	0.471	12	8.7	0
200	2001	36	2400	5	0	2	0	0.47	12	8.67	0
200	2001	37	30	5	0	2	0	0.468	10	8.62	0.01
200	2001	37	100	5	0	2	0	0.47	12	8.59	0
200	2001	37	130	5	0	2	0	0.47	12	8.55	0
200	2001	37	200	5	0	2	0	0.47	12	8.52	0
200	2001	37	230	5	0	2	0	0.471	12	8.5	0
200	2001	37	300	5	0	2	0	0.471	12	8.47	0
200	2001	37	330	5	0	2	0	0.469	12	8.41	0
200	2001	37	400	5	5	1	1	0.465	13	8.37	0
200	2001	37	430	5	0	1	0	0.464	13	8.35	0
200	2001	37	500	5	0	1	0	0.46	13	8.3	0
200	2001	37	530	5	0	1	0	0.465	12	8.25	0
200	2001	37	600	5	0	1	0	0.467	13	8.2	0
200	2001	37	630	5	0	1	0	0.468	14	8.17	0
200	2001	37	700	5	0	1	0	0.467	13	8.11	0
200	2001	37	730	5	0	1	0	0.465	15	8.03	0
200	2001	37	800	5	0	1	0	0.468	14	7.95	0
200	2001	37	830	5	0	1	0	0.465	16	7.89	0
200	2001	37	900	5	0	1	0	0.47	14	7.81	0
200	2001	37	930	5	0	1	0	0.47	14	7.75	0
200	2001	37	1000	5	0	1	0	0.471	16	7.71	0
200	2001	37	1030	5	0	1	0	0.471	15	7.77	0
200	2001	37	1100	5	0	1	0	0.471	14	7.87	0
200	2001	37	1130	5	0	1	0	0.471	15	7.94	0
200	2001	37	1200	5	0	1	0	0.472	14	8.05	0
200	2001	37	1230	5	0	1	0	0.47	14	8.18	0
200	2001	37	1300	5	0	1	0	0.475	15	8.37	0
200	2001	37	1330	5	0	2	0	0.476	11	8.52	0
200	2001	37	1400	5	0	2	0	0.476	12	8.69	0
200	2001	37	1430	5	6	1	1	0.475	26	8.8	0
200	2001	37	1500	5	0	1	0	0.481	13	8.79	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	37	1530	5	0	1	0	0.477	14	8.75	0
200	2001	37	1600	5	0	1	0	0.478	15	8.64	0
200	2001	37	1630	5	0	2	0	0.476	14	8.55	0
200	2001	37	1700	5	0	2	0	0.475	23	8.41	0
200	2001	37	1730	5	0	2	0	0.475	19	8.31	0
200	2001	37	1800	5	7	1	1	0.476	21	8.15	0
200	2001	37	1830	5	0	1	0	0.475	19	8.04	0
200	2001	37	1900	5	0	1	0	0.474	24	7.93	0
200	2001	37	1930	5	0	1	0	0.473	18	7.83	0
200	2001	37	2000	5	0	2	0	0.474	15	7.69	0
200	2001	37	2030	5	0	2	0	0.472	16	7.62	0
200	2001	37	2100	5	8	1	1	0.472	25	7.5	0
200	2001	37	2130	5	0	1	0	0.471	16	7.41	0
200	2001	37	2200	5	0	1	0	0.471	52	7.29	0
200	2001	37	2230	5	0	1	0	0.469	37	7.21	0
200	2001	37	2300	5	9	2	1	0.469	27	7.11	0
200	2001	37	2330	5	0	2	0	0.467	21	7.01	0
200	2001	37	2400	5	0	2	0	0.465	28	6.94	0
200	2001	38	30	5	0	2	0	0.464	14	6.823	0
200	2001	38	100	5	0	2	0	0.451	18	6.746	0
200	2001	38	130	5	10	1	1	0.448	30	6.642	0
200	2001	38	200	5	0	1	0	0.438	20	6.539	0
200	2001	38	230	5	0	1	0	0.44	26	6.437	0
200	2001	38	300	5	0	2	0	0.446	22	6.331	0
200	2001	38	330	5	0	2	0	0.44	35	6.227	0
200	2001	38	400	5	0	2	0	0.424	28	6.113	0
200	2001	38	430	5	0	2	0	0.447	26	5.999	0
200	2001	38	500	5	0	2	0	0.434	21	5.894	0
200	2001	38	530	5	0	2	0	0.428	29	5.799	0
200	2001	38	600	5	0	1	0	0.46	33	5.694	0
200	2001	38	630	5	0	1	0	0.466	26	5.609	0
200	2001	38	700	5	0	1	0	0.466	26	5.494	0
200	2001	38	730	5	0	1	0	0.466	29	5.408	0
200	2001	38	800	5	0	1	0	0.447	32	5.323	0
200	2001	38	830	5	11	2	1	0.469	21	5.237	0
200	2001	38	900	5	0	2	0	0.464	27	5.18	0
200	2001	38	930	5	0	2	0	0.458	18	5.133	0
200	2001	38	1000	5	0	2	0	0.457	22	5.114	0
200	2001	38	1030	5	0	2	0	0.453	12	5.199	0
200	2001	38	1100	5	0	2	0	0.444	11	5.428	0
200	2001	38	1130	5	0	2	0	0.432	10	5.666	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	38	1200	5	0	2	0	0.428	10	5.883	0
200	2001	38	1230	5	0	2	0	0.42	11	6.098	0
200	2001	38	1300	5	0	2	0	0.416	10	6.392	0
200	2001	38	1330	5	0	2	0	0.417	9	6.714	0
200	2001	38	1400	5	0	2	0	0.408	10	7.02	0
200	2001	38	1430	5	0	2	0	0.45	9	7.17	0
200	2001	38	1500	5	0	2	0	0.45	11	7.23	0
200	2001	38	1530	5	0	2	0	0.447	11	7.28	0
200	2001	38	1600	5	0	2	0	0.441	11	7.26	0
200	2001	38	1630	5	0	2	0	0.441	11	7.18	0
200	2001	38	1700	5	0	2	0	0.449	10	7.06	0
200	2001	38	1730	5	0	2	0	0.454	10	6.958	0
200	2001	38	1800	5	0	2	0	0.45	10	6.826	0
200	2001	38	1830	5	0	2	0	0.448	11	6.671	0
200	2001	38	1900	5	0	2	0	0.448	10	6.502	0
200	2001	38	1930	5	0	2	0	0.432	10	6.369	0
200	2001	38	2000	5	0	0	0	0.388	9	6.235	0
200	2001	38	2030	5	0	1	0	0.435	10	6.093	0
200	2001	38	2100	5	0	1	0	0.419	10	5.963	0
200	2001	38	2130	5	0	1	0	0.456	10	5.829	0
200	2001	38	2200	5	0	1	0	0.457	10	5.709	0
200	2001	38	2230	5	0	1	0	0.469	9	5.577	0
200	2001	38	2300	5	0	1	0	0.478	9	5.443	0
200	2001	38	2330	5	0	1	0	0.483	9	5.302	0
200	2001	38	2400	5	0	1	0	0.476	9	5.199	0
200	2001	39	30	5	0	1	0	0.471	10	5.066	0
200	2001	39	100	5	0	1	0	0.472	10	4.952	0
200	2001	39	130	5	0	1	0	0.484	10	4.857	0
200	2001	39	200	5	0	1	0	0.479	10	4.753	0
200	2001	39	230	5	0	1	0	0.478	9	4.658	0
200	2001	39	300	5	0	1	0	0.474	9	4.601	0
200	2001	39	330	5	0	1	0	0.472	10	4.525	0
200	2001	39	400	5	0	1	0	0.469	9	4.43	0
200	2001	39	430	5	0	1	0	0.47	10	4.363	0
200	2001	39	500	5	0	1	0	0.453	10	4.307	0
200	2001	39	530	5	0	1	0	0.443	10	4.24	0
200	2001	39	600	5	0	1	0	0.446	10	4.174	0
200	2001	39	630	5	0	1	0	0.447	11	4.108	0
200	2001	39	700	5	0	1	0	0.446	11	4.06	0
200	2001	39	730	5	0	1	0	0.444	10	4.013	0
200	2001	39	800	5	0	1	0	0.454	10	3.956	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	39	830	5	0	1	0	0.453	11	3.947	0
200	2001	39	900	5	0	1	0	0.453	10	3.966	0
200	2001	39	930	5	0	1	0	0.459	10	4.004	0
200	2001	39	1000	5	0	1	0	0.461	10	4.07	0
200	2001	39	1030	5	0	1	0	0.459	10	4.25	0
200	2001	39	1100	5	0	1	0	0.457	10	4.448	0
200	2001	39	1130	5	0	1	0	0.451	10	4.652	0
200	2001	39	1200	5	0	1	0	0.439	10	4.867	0
200	2001	39	1230	5	0	1	0	0.423	10	5.123	0
200	2001	39	1300	5	0	1	0	0.412	10	5.321	0
200	2001	39	1330	5	0	1	0	0.411	10	5.443	0
200	2001	39	1400	5	0	1	0	0.41	10	5.548	0
200	2001	39	1430	5	0	1	0	0.436	11	5.625	0
200	2001	39	1500	5	0	1	0	0.436	10	5.69	0
200	2001	39	1530	5	0	1	0	0.435	10	5.777	0
200	2001	39	1600	5	0	1	0	0.434	11	5.814	0
200	2001	39	1630	5	0	1	0	0.433	11	5.842	0
200	2001	39	1700	5	0	1	0	0.433	11	5.844	0
200	2001	39	1730	5	0	1	0	0.431	10	5.851	0
200	2001	39	1800	5	0	1	0	0.431	10	5.843	0
200	2001	39	1830	5	0	1	0	0.431	10	5.825	0
200	2001	39	1900	5	0	1	0	0.431	12	5.817	0
200	2001	39	1930	5	0	1	0	0.431	11	5.776	0
200	2001	39	2000	5	0	1	0	0.431	12	5.758	0
200	2001	39	2030	5	0	1	0	0.431	11	5.739	0
200	2001	39	2100	5	0	1	0	0.432	11	5.723	0
200	2001	39	2130	5	0	1	0	0.431	11	5.685	0
200	2001	39	2200	5	0	1	0	0.431	13	5.674	0
200	2001	39	2230	5	0	1	0	0.431	11	5.647	0
200	2001	39	2300	5	0	1	0	0.43	12	5.636	0
200	2001	39	2330	5	0	1	0	0.431	12	5.627	0
200	2001	39	2400	5	0	1	0	0.431	12	5.608	0
200	2001	40	30	5	0	1	0	0.428	13	5.607	0
200	2001	40	100	5	0	1	0	0.429	12	5.59	0
200	2001	40	130	5	0	1	0	0.428	12	5.589	0
200	2001	40	200	5	0	1	0	0.427	11	5.587	0
200	2001	40	230	5	0	1	0	0.43	12	5.609	0
200	2001	40	300	5	0	1	0	0.431	12	5.618	0
200	2001	40	330	5	0	1	0	0.431	11	5.647	0
200	2001	40	400	5	0	1	0	0.431	12	5.675	0
200	2001	40	430	5	0	1	0	0.431	12	5.686	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	40	500	5	0	1	0	0.43	12	5.693	0.01
200	2001	40	530	5	0	1	0	0.429	13	5.714	0
200	2001	40	600	5	0	1	0	0.431	12	5.715	0.01
200	2001	40	630	5	0	1	0	0.43	13	5.714	0
200	2001	40	700	5	0	1	0	0.43	12	5.715	0
200	2001	40	730	5	0	1	0	0.429	12	5.722	0
200	2001	40	800	5	0	1	0	0.431	12	5.742	0.01
200	2001	40	830	5	0	1	0	0.435	13	5.74	0.05
200	2001	40	900	5	0	1	0	0.441	13	5.753	0.04
200	2001	40	930	5	0	1	0	0.444	14	5.761	0
200	2001	40	1000	5	0	1	0	0.444	14	5.798	0
200	2001	40	1030	5	0	1	0	0.444	15	5.873	0
200	2001	40	1100	5	0	1	0	0.444	16	5.969	0
200	2001	40	1130	5	0	1	0	0.45	16	6.036	0.02
200	2001	40	1200	5	0	1	0	0.45	14	6.151	0
200	2001	40	1230	5	0	1	0	0.451	15	6.195	0.02
200	2001	40	1300	5	0	1	0	0.454	16	6.282	0
200	2001	40	1330	5	0	1	0	0.458	17	6.328	0.01
200	2001	40	1400	5	0	1	0	0.462	20	6.379	0.01
200	2001	40	1430	5	0	1	0	0.464	19	6.406	0
200	2001	40	1500	5	0	1	0	0.467	19	6.454	0
200	2001	40	1530	5	0	1	0	0.469	18	6.509	0
200	2001	40	1600	5	0	1	0	0.469	18	6.606	0
200	2001	40	1630	5	0	1	0	0.468	17	6.585	0
200	2001	40	1700	5	0	1	0	0.476	16	6.568	0
200	2001	40	1730	5	0	2	0	0.481	15	6.547	0
200	2001	40	1800	5	0	2	0	0.487	14	6.527	0
200	2001	40	1830	5	0	2	0	0.492	16	6.491	0
200	2001	40	1900	5	0	2	0	0.499	14	6.413	0
200	2001	40	1930	5	0	2	0	0.503	15	6.347	0
200	2001	40	2000	5	0	2	0	0.509	14	6.29	0
200	2001	40	2030	5	0	2	0	0.518	13	6.236	0
200	2001	40	2100	5	0	2	0	0.528	14	6.149	0
200	2001	40	2130	5	0	2	0	0.54	14	6.121	0
200	2001	40	2200	5	0	2	0	0.548	14	6.035	0
200	2001	40	2230	5	0	2	0	0.554	14	5.98	0
200	2001	40	2300	5	0	2	0	0.56	15	5.895	0
200	2001	40	2330	5	0	2	0	0.561	13	5.811	0
200	2001	40	2400	5	0	2	0	0.563	14	5.726	0
200	2001	41	30	5	0	2	0	0.564	14	5.662	0
200	2001	41	100	5	0	2	0	0.566	16	5.586	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	41	130	5	0	2	0	0.561	16	5.509	0
200	2001	41	200	5	0	2	0	0.561	14	5.433	0
200	2001	41	230	5	0	2	0	0.561	14	5.368	0
200	2001	41	300	5	0	2	0	0.559	16	5.293	0
200	2001	41	330	5	0	2	0	0.556	15	5.215	0
200	2001	41	400	5	0	2	0	0.554	15	5.121	0
200	2001	41	430	5	0	2	0	0.548	16	5.075	0
200	2001	41	500	5	0	2	0	0.541	16	4.999	0
200	2001	41	530	5	0	2	0	0.532	16	4.96	0
200	2001	41	600	5	0	2	0	0.528	17	4.933	0
200	2001	41	630	5	12	1	1	0.526	18	4.924	0
200	2001	41	700	5	0	1	0	0.523	18	4.904	0
200	2001	41	730	5	0	1	0	0.522	19	4.865	0
200	2001	41	800	5	0	1	0	0.521	24	4.828	0
200	2001	41	830	5	13	1	1	0.516	20	4.8	0
200	2001	41	900	5	0	1	0	0.517	26	4.751	0
200	2001	41	930	5	0	1	0	0.54	19	4.724	0
200	2001	41	1000	5	0	1	0	0.539	20	4.724	0
200	2001	41	1030	5	0	1	0	0.537	21	4.855	0
200	2001	41	1100	5	0	1	0	0.534	22	5.121	0
200	2001	41	1130	5	0	2	0	0.533	21	5.346	0
200	2001	41	1200	5	0	2	0	0.533	21	5.563	0
200	2001	41	1230	5	0	2	0	0.532	22	5.768	0
200	2001	41	1300	5	0	2	0	0.529	22	6.186	0
200	2001	41	1330	5	0	2	0	0.53	22	6.378	0
200	2001	41	1400	5	0	2	0	0.527	20	6.377	0
200	2001	41	1430	5	0	2	0	0.524	23	6.49	0
200	2001	41	1500	5	0	2	0	0.525	23	6.557	0
200	2001	41	1530	5	0	2	0	0.523	22	6.597	0
200	2001	41	1600	5	0	2	0	0.524	22	6.557	0
200	2001	41	1630	5	0	2	0	0.523	21	6.539	0
200	2001	41	1700	5	0	2	0	0.521	20	6.5	0
200	2001	41	1730	5	0	2	0	0.52	20	6.471	0
200	2001	41	1800	5	0	2	0	0.521	20	6.413	0
200	2001	41	1830	5	0	2	0	0.521	19	6.369	0
200	2001	41	1900	5	0	2	0	0.521	19	6.281	0.01
200	2001	41	1930	5	0	2	0	0.521	21	6.223	0.02
200	2001	41	2000	5	0	2	0	0.523	21	6.176	0.02
200	2001	41	2030	5	0	2	0	0.524	22	6.13	0
200	2001	41	2100	5	0	2	0	0.528	20	6.091	0.03
200	2001	41	2130	5	0	2	0	0.534	21	6.033	0.04

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	41	2200	5	0	2	0	0.54	23	6.007	0.02
200	2001	41	2230	5	14	1	1	0.546	33	5.968	0.03
200	2001	41	2300	5	0	1	0	0.548	39	5.94	0.01
200	2001	41	2330	5	0	1	0	0.552	43	5.912	0.03
200	2001	41	2400	5	0	1	0	0.558	40	5.864	0
200	2001	42	30	5	0	1	0	0.565	40	5.844	0.02
200	2001	42	100	5	0	2	0	0.578	35	5.816	0.02
200	2001	42	130	5	0	2	0	0.593	35	5.787	0
200	2001	42	200	5	0	2	0	0.619	36	5.76	0.02
200	2001	42	230	5	0	2	0	0.672	36	5.713	0.02
200	2001	42	300	5	0	2	0	0.79	40	5.647	0.01
200	2001	42	330	5	0	1	0	0.917	45	5.618	0
200	2001	42	400	5	0	1	0	0.993	45	5.56	0.01
200	2001	42	430	5	0	1	0	1.044	60	5.494	0
200	2001	42	500	5	0	1	0	1.072	49	5.458	0
200	2001	42	530	5	0	1	0	1.086	55	5.421	0
200	2001	42	600	5	0	1	0	1.099	64	5.41	0
200	2001	42	630	5	0	1	0	1.107	69	5.402	0
200	2001	42	700	5	0	1	0	1.106	79	5.406	0
200	2001	42	730	5	15	1	1	1.103	77	5.422	0
200	2001	42	800	5	0	1	0	1.091	75	5.433	0
200	2001	42	830	5	0	1	0	1.079	74	5.436	0
200	2001	42	900	5	0	1	0	1.069	72	5.456	0
200	2001	42	930	5	0	2	0	1.056	69	5.464	0
200	2001	42	1000	5	0	2	0	1.038	69	5.484	0
200	2001	42	1030	5	0	2	0	1.027	66	5.606	0
200	2001	42	1100	5	0	2	0	1.013	64	5.786	0
200	2001	42	1130	5	0	2	0	0.996	64	5.935	0
200	2001	42	1200	5	0	2	0	0.985	63	6.114	0
200	2001	42	1230	5	0	2	0	0.968	61	6.235	0
200	2001	42	1300	5	16	2	1	0.957	61	6.272	0
200	2001	42	1330	5	0	2	0	0.943	61	6.31	0
200	2001	42	1400	5	0	2	0	0.929	60	6.318	0
200	2001	42	1430	5	0	2	0	0.919	61	6.328	0
200	2001	42	1500	5	0	2	0	0.911	60	6.348	0
200	2001	42	1530	5	0	2	0	0.9	61	6.405	0
200	2001	42	1600	5	0	2	0	0.889	61	6.433	0
200	2001	42	1630	5	0	2	0	0.884	60	6.51	0
200	2001	42	1700	5	0	2	0	0.875	60	6.49	0
200	2001	42	1730	5	0	2	0	0.867	58	6.416	0
200	2001	42	1800	5	0	2	0	0.863	58	6.347	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	42	1830	5	0	2	0	0.86	63	6.289	0
200	2001	42	1900	5	0	2	0	0.853	62	6.233	0
200	2001	42	1930	5	0	2	0	0.851	62	6.188	0
200	2001	42	2000	5	0	2	0	0.849	58	6.122	0
200	2001	42	2030	5	0	2	0	0.841	58	6.055	0
200	2001	42	2100	5	0	2	0	0.838	58	5.99	0
200	2001	42	2130	5	0	2	0	0.837	64	5.934	0
200	2001	42	2200	5	0	2	0	0.837	66	5.904	0
200	2001	42	2230	5	0	2	0	0.832	68	5.866	0
200	2001	42	2300	5	0	2	0	0.827	65	5.841	0
200	2001	42	2330	5	0	2	0	0.826	66	5.773	0
200	2001	42	2400	5	0	2	0	0.82	67	5.706	0
200	2001	43	30	5	0	2	0	0.819	64	5.633	0
200	2001	43	100	5	0	2	0	0.813	65	5.549	0
200	2001	43	130	5	0	2	0	0.805	63	5.464	0
200	2001	43	200	5	0	2	0	0.8	64	5.408	0
200	2001	43	230	5	0	2	0	0.791	62	5.331	0
200	2001	43	300	5	0	2	0	0.783	64	5.265	0
200	2001	43	330	5	0	2	0	0.761	62	5.218	0
200	2001	43	400	5	0	2	0	0.747	60	5.133	0
200	2001	43	430	5	0	2	0	0.749	61	5.076	0
200	2001	43	500	5	0	2	0	0.766	61	5.028	0
200	2001	43	530	5	0	2	0	0.77	62	4.962	0
200	2001	43	600	5	0	2	0	0.767	59	4.905	0
200	2001	43	630	5	0	2	0	0.762	60	4.857	0
200	2001	43	700	5	0	2	0	0.758	59	4.8	0
200	2001	43	730	5	0	2	0	0.749	57	4.753	0
200	2001	43	800	5	0	2	0	0.737	58	4.715	0
200	2001	43	830	5	0	2	0	0.728	58	4.677	0
200	2001	43	900	5	0	2	0	0.718	57	4.639	0
200	2001	43	930	5	0	2	0	0.716	57	4.63	0
200	2001	43	1000	5	0	2	0	0.711	56	4.667	0
200	2001	43	1030	5	0	2	0	0.708	55	4.791	0
200	2001	43	1100	5	0	2	0	0.698	56	4.943	0
200	2001	43	1130	5	0	2	0	0.692	55	5.151	0
200	2001	43	1200	5	0	2	0	0.69	56	5.349	0
200	2001	43	1230	5	0	2	0	0.684	56	5.604	0
200	2001	43	1300	5	0	2	0	0.682	56	5.905	0
200	2001	43	1330	5	0	2	0	0.683	56	6.111	0
200	2001	43	1400	5	0	2	0	0.686	57	6.176	0
200	2001	43	1430	5	0	2	0	0.704	57	6.155	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	43	1500	5	0	2	0	0.702	57	6.165	0
200	2001	43	1530	5	0	2	0	0.706	57	6.166	0
200	2001	43	1600	5	0	2	0	0.684	57	6.147	0
200	2001	43	1630	5	0	2	0	0.672	56	6.059	0
200	2001	43	1700	5	0	2	0	0.687	56	5.945	0
200	2001	43	1730	5	0	2	0	0.614	56	5.812	0
200	2001	43	1800	5	0	2	0	0.63	56	5.718	0
200	2001	43	1830	5	0	2	0	0.653	57	5.613	0
200	2001	43	1900	5	0	2	0	0.653	58	5.509	0
200	2001	43	1930	5	0	2	0	0.653	57	5.453	0
200	2001	43	2000	5	0	2	0	0.651	56	5.385	0
200	2001	43	2030	5	0	2	0	0.648	56	5.32	0
200	2001	43	2100	5	0	2	0	0.65	56	5.266	0
200	2001	43	2130	5	0	2	0	0.659	56	5.18	0
200	2001	43	2200	5	0	2	0	0.662	56	5.116	0
200	2001	43	2230	5	0	2	0	0.661	56	5.05	0
200	2001	43	2300	5	0	2	0	0.655	56	4.995	0
200	2001	43	2330	5	0	2	0	0.651	59	4.939	0
200	2001	43	2400	5	0	2	0	0.569	57	4.894	0
200	2001	44	30	5	0	2	0	0.603	56	4.828	0
200	2001	44	100	5	0	2	0	0.624	57	4.781	0
200	2001	44	130	5	0	2	0	0.614	57	4.715	0
200	2001	44	200	5	0	2	0	0.604	56	4.677	0
200	2001	44	230	5	0	2	0	0.641	56	4.629	0
200	2001	44	300	5	0	2	0	0.642	56	4.591	0
200	2001	44	330	5	0	2	0	0.635	56	4.534	0
200	2001	44	400	5	0	2	0	0.631	57	4.478	0
200	2001	44	430	5	0	2	0	0.621	57	4.43	0
200	2001	44	500	5	0	2	0	0.613	57	4.373	0
200	2001	44	530	5	0	2	0	0.608	56	4.317	0
200	2001	44	600	5	0	2	0	0.604	58	4.26	0
200	2001	44	630	5	0	2	0	0.592	56	4.203	0
200	2001	44	700	5	0	2	0	0.581	57	4.175	0
200	2001	44	730	5	0	2	0	0.567	55	4.118	0
200	2001	44	800	5	0	2	0	0.591	56	4.061	0
200	2001	44	830	5	0	2	0	0.587	55	4.042	0
200	2001	44	900	5	0	2	0	0.581	55	4.004	0
200	2001	44	930	5	0	2	0	0.575	54	4.004	0
200	2001	44	1000	5	0	2	0	0.575	55	4.061	0
200	2001	44	1030	5	0	2	0	0.574	54	4.193	0
200	2001	44	1100	5	0	2	0	0.571	54	4.374	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	44	1130	5	0	2	0	0.569	54	4.601	0
200	2001	44	1200	5	0	2	0	0.569	54	4.876	0
200	2001	44	1230	5	0	2	0	0.561	54	5.128	0
200	2001	44	1300	5	0	2	0	0.609	54	5.497	0
200	2001	44	1330	5	0	2	0	0.6	55	5.815	0
200	2001	44	1400	5	0	2	0	0.619	55	6.06	0
200	2001	44	1430	5	0	2	0	0.613	56	6.137	0
200	2001	44	1500	5	0	2	0	0.619	54	6.185	0
200	2001	44	1530	5	0	2	0	0.606	55	6.184	0
200	2001	44	1600	5	0	2	0	0.617	53	6.164	0
200	2001	44	1630	5	0	2	0	0.618	52	6.086	0
200	2001	44	1700	5	0	2	0	0.618	51	5.943	0
200	2001	44	1730	5	0	2	0	0.624	50	5.791	0
200	2001	44	1800	5	0	2	0	0.602	50	5.621	0
200	2001	44	1830	5	0	2	0	0.607	54	5.48	0
200	2001	44	1900	5	0	2	0	0.539	50	5.348	0
200	2001	44	1930	5	0	2	0	0.598	53	5.235	0
200	2001	44	2000	5	0	2	0	0.579	50	5.11	0
200	2001	44	2030	5	0	2	0	0.512	51	5.026	0
200	2001	44	2100	5	0	2	0	0.519	51	4.952	0
200	2001	44	2130	5	0	2	0	0.597	53	4.887	0
200	2001	44	2200	5	0	2	0	0.593	52	4.822	0
200	2001	44	2230	5	0	2	0	0.551	51	4.757	0
200	2001	44	2300	5	0	2	0	0.593	53	4.711	0
200	2001	44	2330	5	0	2	0	0.573	53	4.645	0
200	2001	44	2400	5	0	2	0	0.585	51	4.599	0
200	2001	45	30	5	0	2	0	0.582	53	4.553	0
200	2001	45	100	5	0	2	0	0.569	51	4.506	0
200	2001	45	130	5	0	2	0	0.571	52	4.449	0
200	2001	45	200	5	0	2	0	0.593	52	4.392	0
200	2001	45	230	5	0	2	0	0.578	52	4.344	0
200	2001	45	300	5	0	2	0	0.502	53	4.307	0
200	2001	45	330	5	0	2	0	0.796	53	4.269	0
200	2001	45	400	5	0	2	0	0.476	54	4.212	0
200	2001	45	430	5	0	2	0	0.599	54	4.174	0
200	2001	45	500	5	0	2	0	0.6	54	4.146	0
200	2001	45	530	5	0	2	0	0.604	55	4.089	0
200	2001	45	600	5	0	2	0	0.605	53	4.07	0
200	2001	45	630	5	0	1	0	0.605	61	4.003	0
200	2001	45	700	5	0	1	0	0.608	70	3.975	0
200	2001	45	730	5	0	1	0	0.604	75	3.947	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	45	800	5	0	1	0	0.601	74	3.909	0
200	2001	45	830	5	0	1	0	0.587	77	3.89	0
200	2001	45	900	5	17	1	1	0.538	77	3.89	0
200	2001	45	930	5	0	1	0	0.552	75	3.89	0
200	2001	45	1000	5	18	2	1	0.555	62	3.947	0
200	2001	45	1030	5	0	2	0	0.601	62	4.156	0
200	2001	45	1100	5	0	2	0	0.593	63	4.383	0
200	2001	45	1130	5	0	2	0	0.583	63	4.638	0
200	2001	45	1200	5	0	2	0	0.559	62	4.941	0
200	2001	45	1230	5	0	0	0	-6999	64	5.251	0
200	2001	45	1300	5	0	0	0	-6999	63	5.63	0
200	2001	45	1330	5	19	1	4	2.95	62	5.978	0
200	2001	45	1400	5	0	1	0	0.569	64	6.27	0
200	2001	45	1430	5	0	1	0	0.57	67	6.433	0
200	2001	45	1500	5	0	1	0	0.568	66	6.49	0
200	2001	45	1530	5	0	1	0	0.567	72	6.508	0
200	2001	45	1600	5	0	1	0	0.573	69	6.488	0
200	2001	45	1630	5	0	1	0	0.563	69	6.43	0
200	2001	45	1700	5	0	1	0	0.558	71	6.305	0
200	2001	45	1730	5	0	1	0	0.565	71	6.163	0
200	2001	45	1800	5	0	1	0	0.561	71	5.983	0
200	2001	45	1830	5	0	1	0	0.567	73	5.842	0
200	2001	45	1900	5	0	1	0	0.563	72	5.691	0
200	2001	45	1930	5	0	1	0	0.568	71	5.556	0
200	2001	45	2000	5	0	1	0	0.573	75	5.416	0
200	2001	45	2030	5	0	1	0	0.579	72	5.311	0
200	2001	45	2100	5	0	1	0	0.583	74	5.217	0
200	2001	45	2130	5	0	1	0	0.585	73	5.114	0
200	2001	45	2200	5	0	1	0	0.584	75	5.04	0
200	2001	45	2230	5	0	1	0	0.587	74	4.965	0
200	2001	45	2300	5	0	1	0	0.58	74	4.91	0
200	2001	45	2330	5	0	1	0	0.576	76	4.853	0
200	2001	45	2400	5	0	1	0	0.583	75	4.788	0
200	2001	46	30	5	0	1	0	0.584	75	4.742	0
200	2001	46	100	5	0	1	0	0.581	75	4.676	0
200	2001	46	130	5	0	1	0	0.578	75	4.619	0
200	2001	46	200	5	0	1	0	0.583	75	4.572	0
200	2001	46	230	5	0	1	0	0.589	77	4.505	0
200	2001	46	300	5	0	1	0	0.581	75	4.468	0
200	2001	46	330	5	20	1	1	0.597	77	4.411	0
200	2001	46	400	5	0	1	0	0.587	76	4.354	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	46	430	5	0	1	0	0.586	78	4.307	0
200	2001	46	500	5	0	1	0	0.584	77	4.278	0
200	2001	46	530	5	0	1	0	0.578	78	4.24	0
200	2001	46	600	5	0	1	0	0.573	78	4.202	0
200	2001	46	630	5	0	1	0	0.574	78	4.155	0
200	2001	46	700	5	0	1	0	0.575	81	4.127	0
200	2001	46	730	5	0	1	0	0.576	81	4.108	0
200	2001	46	800	5	0	1	0	0.576	81	4.089	0
200	2001	46	830	5	0	1	0	0.578	11	4.07	0
200	2001	46	900	5	0	1	0	0.576	11	4.08	0
200	2001	46	930	5	21	2	1	0.575	9	4.127	0
200	2001	46	1000	5	0	2	0	0.577	9	4.297	0
200	2001	46	1030	5	0	2	0	0.571	9	4.515	0
200	2001	46	1100	5	0	2	0	0.566	10	4.699	0
200	2001	46	1130	5	0	2	0	0.558	10	4.878	0
200	2001	46	1200	5	0	2	0	0.553	10	5.037	0
200	2001	46	1230	5	0	2	0	0.544	10	5.216	0
200	2001	46	1300	5	0	2	0	0.533	9	5.427	0
200	2001	46	1330	5	0	2	0	0.53	9	5.643	0
200	2001	46	1400	5	0	2	0	0.525	10	5.853	0
200	2001	46	1430	5	0	2	0	0.543	11	6.025	0
200	2001	46	1500	6	0	2	0	0.517	11	6.148	0
200	2001	46	1530	6	0	2	0	0.519	10	6.254	0
200	2001	46	1600	6	0	2	0	0.519	11	6.301	0
200	2001	46	1630	6	0	2	0	0.515	10	6.311	0
200	2001	46	1700	6	0	2	0	0.534	9	6.32	0
200	2001	46	1730	6	0	2	0	0.555	9	6.32	0
200	2001	46	1800	6	0	2	0	0.53	10	6.3	0
200	2001	46	1830	6	0	2	0	0.524	10	6.272	0
200	2001	46	1900	6	0	2	0	0.516	9	6.242	0
200	2001	46	1930	6	0	2	0	0.511	9	6.214	0
200	2001	46	2000	6	0	2	0	0.52	9	6.185	0
200	2001	46	2030	6	0	2	0	0.496	9	6.146	0
200	2001	46	2100	6	0	2	0	0.5	11	6.12	0
200	2001	46	2130	6	0	2	0	0.521	10	6.112	0
200	2001	46	2200	6	0	2	0	0.506	9	6.081	0
200	2001	46	2230	6	0	2	0	0.504	9	6.044	0
200	2001	46	2300	6	0	2	0	0.501	10	6.026	0
200	2001	46	2330	6	0	2	0	0.499	9	5.998	0
200	2001	46	2400	6	0	2	0	0.5	10	5.997	0
200	2001	47	30	6	0	2	0	0.5	10	5.968	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	47	100	6	0	2	0	0.497	11	5.949	0
200	2001	47	130	6	0	2	0	0.495	9	5.929	0
200	2001	47	200	6	0	2	0	0.5	10	5.921	0
200	2001	47	230	6	0	2	0	0.501	9	5.931	0
200	2001	47	300	6	0	2	0	0.505	10	5.949	0
200	2001	47	330	6	0	2	0	0.505	10	5.968	0
200	2001	47	400	6	0	2	0	0.505	11	5.997	0
200	2001	47	430	6	0	2	0	0.505	12	6.033	0
200	2001	47	500	6	0	2	0	0.504	12	6.043	0
200	2001	47	530	6	0	2	0	0.505	11	6.065	0
200	2001	47	600	6	0	2	0	0.508	11	6.035	0
200	2001	47	630	6	0	2	0	0.509	13	6.024	0
200	2001	47	700	6	0	2	0	0.51	13	6.015	0
200	2001	47	730	6	0	2	0	0.513	13	6.006	0
200	2001	47	800	6	1	1	1	0.55	15	6.016	0
200	2001	47	830	6	0	1	0	0.553	15	6.052	0
200	2001	47	900	6	0	1	0	0.555	16	6.148	0
200	2001	47	930	6	0	1	0	0.555	19	6.224	0
200	2001	47	1000	6	0	1	0	0.556	17	6.33	0
200	2001	47	1030	6	0	1	0	0.559	15	6.474	0
200	2001	47	1100	6	0	2	0	0.562	10	6.624	0
200	2001	47	1130	6	0	2	0	0.562	10	6.805	0
200	2001	47	1200	6	0	2	0	0.564	10	6.969	0
200	2001	47	1230	6	0	2	0	0.563	9	7.15	0
200	2001	47	1300	6	0	2	0	0.563	11	7.33	0
200	2001	47	1330	6	0	2	0	0.564	10	7.47	0
200	2001	47	1400	6	0	2	0	0.563	10	7.6	0
200	2001	47	1430	6	0	2	0	0.566	9	7.69	0
200	2001	47	1500	6	0	2	0	0.563	10	7.76	0
200	2001	47	1530	6	0	2	0	0.565	11	7.8	0
200	2001	47	1600	6	0	2	0	0.563	9	7.82	0
200	2001	47	1630	6	0	2	0	0.566	11	7.79	0
200	2001	47	1700	6	0	2	0	0.564	10	7.78	0
200	2001	47	1730	6	0	2	0	0.563	10	7.72	0
200	2001	47	1800	6	0	2	0	0.563	9	7.64	0
200	2001	47	1830	6	0	2	0	0.563	9	7.57	0
200	2001	47	1900	6	0	2	0	0.563	9	7.51	0
200	2001	47	1930	6	0	2	0	0.565	11	7.41	0
200	2001	47	2000	6	0	2	0	0.565	9	7.35	0
200	2001	47	2030	6	0	2	0	0.565	9	7.31	0
200	2001	47	2100	6	0	2	0	0.566	9	7.24	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	47	2130	6	0	2	0	0.566	9	7.19	0
200	2001	47	2200	6	0	2	0	0.566	9	7.13	0
200	2001	47	2230	6	0	2	0	0.565	9	7.08	0
200	2001	47	2300	6	0	2	0	0.567	11	7.03	0
200	2001	47	2330	6	0	2	0	0.565	11	6.964	0
200	2001	47	2400	6	0	2	0	0.567	10	6.906	0
200	2001	48	30	6	0	2	0	0.566	11	6.858	0
200	2001	48	100	6	0	2	0	0.567	10	6.811	0
200	2001	48	130	6	0	2	0	0.566	10	6.735	0
200	2001	48	200	6	0	2	0	0.567	10	6.723	0
200	2001	48	230	6	0	2	0	0.565	10	6.725	0
200	2001	48	300	6	0	2	0	0.563	11	6.715	0
200	2001	48	330	6	0	2	0	0.563	12	6.723	0
200	2001	48	400	6	0	2	0	0.565	11	6.733	0
200	2001	48	430	6	0	2	0	0.566	10	6.762	0
200	2001	48	500	6	0	2	0	0.564	11	6.777	0.01
200	2001	48	530	6	2	1	1	0.567	14	6.809	0
200	2001	48	600	6	0	1	0	0.565	10	6.83	0
200	2001	48	630	6	0	1	0	0.569	11	6.838	0
200	2001	48	700	6	0	2	0	0.571	9	6.856	0.01
200	2001	48	730	6	0	2	0	0.571	9	6.875	0.03
200	2001	48	800	6	0	2	0	0.576	10	6.894	0.03
200	2001	48	830	6	0	2	0	0.577	10	6.921	0.02
200	2001	48	900	6	0	2	0	0.584	9	6.952	0.03
200	2001	48	930	6	0	2	0	0.59	10	6.981	0.02
200	2001	48	1000	6	0	2	0	0.592	11	7.03	0.01
200	2001	48	1030	6	0	2	0	0.6	11	7.07	0.03
200	2001	48	1100	6	0	2	0	0.607	11	7.11	0.01
200	2001	48	1130	6	0	2	0	0.612	13	7.14	0
200	2001	48	1200	6	3	1	1	0.611	15	7.22	0
200	2001	48	1230	6	0	1	0	0.616	13	7.27	0.01
200	2001	48	1300	6	0	1	0	0.624	13	7.3	0.02
200	2001	48	1330	6	0	1	0	0.633	12	7.33	0
200	2001	48	1400	6	0	1	0	0.64	13	7.41	0
200	2001	48	1430	6	0	1	0	0.653	13	7.52	0
200	2001	48	1500	6	0	1	0	0.67	12	7.64	0
200	2001	48	1530	6	0	1	0	0.685	12	7.73	0
200	2001	48	1600	6	0	1	0	0.711	12	7.77	0
200	2001	48	1630	6	0	1	0	0.753	14	7.82	0
200	2001	48	1700	6	0	1	0	0.789	14	7.81	0
200	2001	48	1730	6	0	1	0	0.825	17	7.78	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	48	1800	6	0	1	0	0.857	18	7.69	0
200	2001	48	1830	6	0	1	0	0.885	21	7.63	0
200	2001	48	1900	6	0	1	0	0.898	18	7.61	0
200	2001	48	1930	6	4	1	1	0.912	22	7.59	0
200	2001	48	2000	6	0	1	0	0.923	24	7.57	0.01
200	2001	48	2030	6	0	1	0	0.927	24	7.55	0
200	2001	48	2100	6	0	1	0	0.924	27	7.53	0.01
200	2001	48	2130	6	0	1	0	0.928	28	7.52	0
200	2001	48	2200	6	0	1	0	0.936	31	7.53	0.02
200	2001	48	2230	6	0	1	0	0.933	32	7.52	0
200	2001	48	2300	6	0	1	0	0.937	33	7.5	0.01
200	2001	48	2330	6	0	1	0	0.937	36	7.51	0
200	2001	48	2400	6	0	1	0	0.942	36	7.49	0
200	2001	49	30	6	0	1	0	0.948	36	7.47	0
200	2001	49	100	6	0	1	0	0.957	35	7.45	0
200	2001	49	130	6	0	1	0	0.973	34	7.43	0
200	2001	49	200	6	0	1	0	0.99	34	7.42	0
200	2001	49	230	6	0	1	0	1.002	35	7.4	0
200	2001	49	300	6	0	1	0	1.02	35	7.4	0
200	2001	49	330	6	0	1	0	1.034	35	7.4	0.01
200	2001	49	400	6	0	1	0	1.045	36	7.38	0
200	2001	49	430	6	0	1	0	1.055	37	7.37	0
200	2001	49	500	6	0	1	0	1.062	38	7.36	0
200	2001	49	530	6	0	1	0	1.069	39	7.36	0
200	2001	49	600	6	0	1	0	1.067	40	7.32	0
200	2001	49	630	6	0	1	0	1.074	40	7.31	0
200	2001	49	700	6	0	1	0	1.069	41	7.27	0
200	2001	49	730	6	0	1	0	1.07	41	7.25	0
200	2001	49	800	6	0	1	0	1.06	41	7.23	0
200	2001	49	830	6	0	1	0	1.056	39	7.25	0
200	2001	49	900	6	0	1	0	1.048	39	7.27	0
200	2001	49	930	6	0	1	0	1.04	38	7.34	0
200	2001	49	1000	6	0	1	0	1.036	37	7.41	0
200	2001	49	1030	6	0	1	0	1.027	37	7.54	0
200	2001	49	1100	6	0	2	0	1.025	36	7.66	0
200	2001	49	1130	6	0	2	0	1.015	35	7.82	0
200	2001	49	1200	6	0	2	0	1.012	34	7.96	0
200	2001	49	1230	6	0	2	0	1.006	34	8.09	0
200	2001	49	1300	6	0	2	0	0.994	34	8.24	0
200	2001	49	1330	6	0	2	0	0.991	33	8.33	0
200	2001	49	1400	6	0	2	0	0.979	32	8.41	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	49	1430	6	0	2	0	0.976	33	8.49	0
200	2001	49	1500	6	0	2	0	0.968	33	8.56	0
200	2001	49	1530	6	0	2	0	0.962	32	8.56	0
200	2001	49	1600	6	0	2	0	0.953	31	8.56	0
200	2001	49	1630	6	0	2	0	0.947	31	8.52	0
200	2001	49	1700	6	0	2	0	0.941	30	8.48	0
200	2001	49	1730	6	5	2	1	0.937	29	8.44	0
200	2001	49	1800	6	0	2	0	0.922	29	8.38	0
200	2001	49	1830	6	0	2	0	0.91	30	8.35	0
200	2001	49	1900	6	0	2	0	0.902	29	8.29	0
200	2001	49	1930	6	0	2	0	0.901	29	8.25	0
200	2001	49	2000	6	0	2	0	0.899	28	8.2	0
200	2001	49	2030	6	0	2	0	0.89	28	8.18	0
200	2001	49	2100	6	0	2	0	0.879	28	8.15	0
200	2001	49	2130	6	0	2	0	0.883	28	8.11	0
200	2001	49	2200	6	0	2	0	0.882	28	8.08	0
200	2001	49	2230	6	0	2	0	0.876	27	8.05	0
200	2001	49	2300	6	0	2	0	0.87	28	8.01	0
200	2001	49	2330	6	0	2	0	0.866	26	7.98	0
200	2001	49	2400	6	0	2	0	0.857	26	7.95	0
200	2001	50	30	6	0	2	0	0.858	26	7.92	0
200	2001	50	100	6	0	2	0	0.851	27	7.88	0
200	2001	50	130	6	0	2	0	0.849	25	7.87	0
200	2001	50	200	6	0	2	0	0.844	25	7.84	0
200	2001	50	230	6	0	2	0	0.838	26	7.79	0
200	2001	50	300	6	0	2	0	0.839	25	7.79	0
200	2001	50	330	6	0	2	0	0.837	24	7.76	0
200	2001	50	400	6	0	2	0	0.833	24	7.73	0
200	2001	50	430	6	0	2	0	0.825	25	7.72	0
200	2001	50	500	6	0	2	0	0.827	24	7.72	0
200	2001	50	530	6	0	2	0	0.82	24	7.71	0.01
200	2001	50	600	6	0	2	0	0.82	24	7.69	0.02
200	2001	50	630	6	0	2	0	0.822	25	7.69	0.02
200	2001	50	700	6	0	2	0	0.818	23	7.72	0.03
200	2001	50	730	6	0	2	0	0.816	24	7.71	0.01
200	2001	50	800	6	0	2	0	0.819	23	7.71	0
200	2001	50	830	6	0	2	0	0.817	24	7.72	0
200	2001	50	900	6	0	2	0	0.814	23	7.73	0
200	2001	50	930	6	0	2	0	0.82	23	7.73	0
200	2001	50	1000	6	0	2	0	0.817	22	7.83	0
200	2001	50	1030	6	0	2	0	0.815	22	7.88	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	50	1100	6	0	2	0	0.818	23	8.05	0
200	2001	50	1130	6	0	2	0	0.821	22	8.18	0
200	2001	50	1200	6	0	2	0	0.827	22	8.31	0
200	2001	50	1230	6	0	2	0	0.826	20	8.42	0
200	2001	50	1300	6	0	2	0	0.822	21	8.51	0
200	2001	50	1330	6	0	2	0	0.823	21	8.63	0
200	2001	50	1400	6	0	2	0	0.823	21	8.7	0
200	2001	50	1430	6	0	2	0	0.825	23	8.81	0
200	2001	50	1500	6	0	2	0	0.822	21	8.87	0
200	2001	50	1530	6	0	2	0	0.824	22	8.92	0
200	2001	50	1600	6	0	2	0	0.815	21	8.94	0
200	2001	50	1630	6	0	2	0	0.815	21	8.93	0
200	2001	50	1700	6	0	2	0	0.814	21	8.88	0
200	2001	50	1730	6	0	2	0	0.813	21	8.79	0
200	2001	50	1800	6	0	2	0	0.806	23	8.71	0
200	2001	50	1830	6	0	2	0	0.804	24	8.63	0
200	2001	50	1900	6	0	2	0	0.801	24	8.57	0
200	2001	50	1930	6	0	2	0	0.796	23	8.52	0
200	2001	50	2000	6	0	2	0	0.792	22	8.47	0
200	2001	50	2030	6	0	2	0	0.791	22	8.43	0
200	2001	50	2100	6	0	2	0	0.785	23	8.4	0
200	2001	50	2130	6	0	2	0	0.783	21	8.34	0
200	2001	50	2200	6	0	2	0	0.78	21	8.31	0
200	2001	50	2230	6	0	2	0	0.776	22	8.27	0
200	2001	50	2300	6	0	2	0	0.772	21	8.23	0
200	2001	50	2330	6	0	2	0	0.769	21	8.19	0.01
200	2001	50	2400	6	0	2	0	0.765	22	8.16	0
200	2001	51	30	6	0	2	0	0.764	21	8.13	0
200	2001	51	100	6	0	2	0	0.762	21	8.08	0
200	2001	51	130	6	0	2	0	0.759	21	8.07	0
200	2001	51	200	6	0	2	0	0.759	22	8.05	0
200	2001	51	230	6	0	2	0	0.755	21	8.02	0
200	2001	51	300	6	0	2	0	0.752	21	7.99	0
200	2001	51	330	6	0	2	0	0.752	21	7.96	0
200	2001	51	400	6	0	2	0	0.747	20	7.94	0.01
200	2001	51	430	6	0	2	0	0.749	20	7.91	0
200	2001	51	500	6	0	2	0	0.748	21	7.92	0
200	2001	51	530	6	0	2	0	0.751	20	7.92	0
200	2001	51	600	6	0	2	0	0.752	20	7.93	0.01
200	2001	51	630	6	0	2	0	0.75	19	7.93	0.02
200	2001	51	700	6	0	2	0	0.754	20	7.92	0.01

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	51	730	6	0	2	0	0.758	21	7.93	0.04
200	2001	51	800	6	0	2	0	0.765	21	7.93	0.03
200	2001	51	830	6	0	2	0	0.774	23	7.95	0.03
200	2001	51	900	6	0	2	0	0.777	23	7.99	0.01
200	2001	51	930	6	6	1	1	0.782	24	8.08	0
200	2001	51	1000	6	0	1	0	0.784	25	8.2	0
200	2001	51	1030	6	0	1	0	0.795	25	8.36	0.01
200	2001	51	1100	6	0	1	0	0.804	24	8.51	0
200	2001	51	1130	6	0	1	0	0.815	25	8.61	0
200	2001	51	1200	6	0	1	0	0.832	27	8.78	0
200	2001	51	1230	6	0	1	0	0.857	22	8.87	0
200	2001	51	1300	6	0	1	0	0.901	23	8.93	0
200	2001	51	1330	6	0	2	0	0.941	22	8.88	0.01
200	2001	51	1400	6	0	2	0	0.985	24	8.84	0.02
200	2001	51	1430	6	0	2	0	1.015	25	8.77	0.01
200	2001	51	1500	6	0	1	0	1.027	27	8.73	0
200	2001	51	1530	6	0	1	0	1.029	27	8.74	0
200	2001	51	1600	6	0	1	0	1.037	29	8.76	0
200	2001	51	1630	6	0	1	0	1.038	29	8.76	0
200	2001	51	1700	6	0	1	0	1.038	32	8.71	0
200	2001	51	1730	6	0	1	0	1.038	34	8.7	0
200	2001	51	1800	6	0	1	0	1.045	36	8.66	0
200	2001	51	1830	6	0	1	0	1.048	39	8.63	0
200	2001	51	1900	6	0	1	0	1.044	38	8.61	0
200	2001	51	1930	6	0	1	0	1.047	38	8.59	0
200	2001	51	2000	6	0	1	0	1.044	37	8.54	0
200	2001	51	2030	6	0	1	0	1.046	36	8.51	0
200	2001	51	2100	6	0	1	0	1.042	36	8.5	0
200	2001	51	2130	6	0	1	0	1.045	37	8.5	0
200	2001	51	2200	6	0	1	0	1.043	38	8.47	0
200	2001	51	2230	6	0	1	0	1.039	36	8.45	0
200	2001	51	2300	6	0	1	0	1.035	37	8.42	0
200	2001	51	2330	6	0	1	0	1.028	37	8.38	0
200	2001	51	2400	6	0	1	0	1.027	36	8.38	0
200	2001	52	30	6	0	1	0	1.025	36	8.37	0
200	2001	52	100	6	0	1	0	1.021	36	8.35	0
200	2001	52	130	6	0	1	0	1.018	35	8.36	0
200	2001	52	200	6	0	2	0	1.014	34	8.35	0
200	2001	52	230	6	0	2	0	1.01	33	8.34	0
200	2001	52	300	6	0	2	0	1.002	34	8.33	0
200	2001	52	330	6	0	2	0	0.999	33	8.3	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	52	400	6	0	2	0	0.993	33	8.3	0
200	2001	52	430	6	0	2	0	0.994	32	8.29	0
200	2001	52	500	6	0	2	0	0.99	33	8.32	0.05
200	2001	52	530	6	0	2	0	0.988	31	8.32	0.03
200	2001	52	600	6	0	2	0	0.991	32	8.3	0.05
200	2001	52	630	6	0	2	0	0.989	32	8.32	0.03
200	2001	52	700	6	0	2	0	0.995	36	8.32	0
200	2001	52	730	6	0	2	0	0.988	35	8.32	0
200	2001	52	800	6	0	2	0	0.984	32	8.34	0
200	2001	52	830	6	0	2	0	0.985	33	8.34	0.02
200	2001	52	900	6	0	2	0	0.984	33	8.34	0
200	2001	52	930	6	0	2	0	0.989	32	8.39	0
200	2001	52	1000	6	0	2	0	0.996	31	8.46	0
200	2001	52	1030	6	0	2	0	1.01	29	8.56	0
200	2001	52	1100	6	7	2	1	1.022	29	8.65	0
200	2001	52	1130	6	0	2	0	1.035	34	8.7	0
200	2001	52	1200	6	0	1	0	1.048	36	8.86	0
200	2001	52	1230	6	0	1	0	1.064	32	9.05	0
200	2001	52	1300	6	0	1	0	1.079	34	9.17	0
200	2001	52	1330	6	0	1	0	1.081	33	9.15	0
200	2001	52	1400	6	0	1	0	1.092	32	9.09	0
200	2001	52	1430	6	0	1	0	1.09	33	8.97	0
200	2001	52	1500	6	0	1	0	1.092	34	8.9	0
200	2001	52	1530	6	0	1	0	1.09	36	8.84	0
200	2001	52	1600	6	0	1	0	1.089	35	8.78	0
200	2001	52	1630	6	0	1	0	1.102	35	8.69	0.06
200	2001	52	1700	6	0	1	0	1.11	36	8.62	0.02
200	2001	52	1730	6	0	1	0	1.116	39	8.56	0.06
200	2001	52	1800	6	0	1	0	1.135	52	8.48	0.04
200	2001	52	1830	6	0	1	0	1.139	55	8.42	0.01
200	2001	52	1900	6	0	1	0	1.154	48	8.34	0.01
200	2001	52	1930	6	0	2	0	1.168	46	8.29	0
200	2001	52	2000	6	0	2	0	1.205	46	8.23	0.01
200	2001	52	2030	6	0	2	0	1.28	48	8.17	0.02
200	2001	52	2100	6	0	1	0	1.445	62	-8.12	0.02
200	2001	52	2130	6	0	1	0	1.609	77	8.05	0.01
200	2001	52	2200	6	8	1	1	1.466	93	7.96	0
200	2001	52	2230	6	0	1	0	1.65	100	7.91	0
200	2001	52	2300	6	0	1	0	1.697	113	7.86	0
200	2001	52	2330	6	0	1	0	1.735	119	7.83	0
200	2001	52	2400	6	0	1	0	1.754	118	7.84	0.01

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	53	30	6	0	1	0	1.769	114	7.83	0
200	2001	53	100	6	0	1	0	1.776	109	7.84	0.01
200	2001	53	130	6	9	2	1	1.803	105	7.85	0.11
200	2001	53	200	6	0	2	0	1.833	105	7.83	0.06
200	2001	53	230	6	0	2	0	1.854	104	7.8	0.01
200	2001	53	300	6	0	2	0	1.875	102	7.79	0
200	2001	53	330	6	0	2	0	1.941	112	7.78	0.01
200	2001	53	400	6	0	1	0	2.125	144	7.79	0
200	2001	53	430	6	0	1	0	2.322	196	7.78	0
200	2001	53	500	6	10	1	1	2.412	241	7.75	0
200	2001	53	530	6	0	1	0	2.463	244	7.77	0
200	2001	53	600	6	0	1	0	2.435	229	7.76	0
200	2001	53	630	6	11	2	1	2.386	202	7.77	0
200	2001	53	700	6	0	2	0	2.335	181	7.77	0
200	2001	53	730	6	0	2	0	2.279	160	7.78	0.01
200	2001	53	800	6	0	2	0	2.214	143	7.78	0
200	2001	53	830	6	12	2	1	2.157	127	7.79	0
200	2001	53	900	6	0	2	0	2.09	115	7.85	0
200	2001	53	930	6	0	2	0	2.049	104	7.84	0.01
200	2001	53	1000	6	13	2	1	2.041	98	7.85	0.02
200	2001	53	1030	6	0	2	0	1.998	91	7.87	0
200	2001	53	1100	6	0	2	0	1.961	86	7.89	0
200	2001	53	1130	6	0	2	0	1.922	80	7.96	0
200	2001	53	1200	6	0	2	0	1.901	77	7.96	0.04
200	2001	53	1230	6	0	2	0	1.885	73	8.04	0
200	2001	53	1300	6	0	2	0	1.84	71	8.08	0
200	2001	53	1330	6	0	2	0	1.65	68	8.1	0.01
200	2001	53	1400	6	0	2	0	1.652	66	8.18	0
200	2001	53	1430	6	0	2	0	1.857	65	8.21	0
200	2001	53	1500	6	0	2	0	1.845	63	8.22	0
200	2001	53	1530	6	0	2	0	1.849	61	8.25	0
200	2001	53	1600	6	14	2	1	1.837	61	8.21	0
200	2001	53	1630	6	0	2	0	1.806	59	8.13	0.03
200	2001	53	1700	6	0	2	0	1.796	59	8.12	0.01
200	2001	53	1730	6	0	2	0	1.79	57	8.11	0
200	2001	53	1800	6	0	2	0	1.773	56	8.07	0
200	2001	53	1830	6	0	2	0	1.791	56	8.03	0
200	2001	53	1900	6	0	2	0	1.797	56	8.02	0
200	2001	53	1930	6	0	2	0	1.799	55	7.97	0
200	2001	53	2000	6	0	2	0	1.812	55	7.92	0
200	2001	53	2030	6	0	2	0	1.819	55	7.87	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	53	2100	6	0	2	0	1.817	54	7.84	0
200	2001	53	2130	6	0	2	0	1.809	54	7.78	0
200	2001	53	2200	6	0	2	0	1.782	55	7.73	0
200	2001	53	2230	6	0	2	0	1.786	55	7.66	0
200	2001	53	2300	6	0	2	0	1.763	54	7.61	0
200	2001	53	2330	6	0	2	0	1.748	54	7.57	0
200	2001	53	2400	6	0	2	0	1.716	52	7.51	0
200	2001	54	30	6	0	2	0	1.691	52	7.46	0
200	2001	54	100	6	0	2	0	1.675	51	7.41	0
200	2001	54	130	6	0	2	0	1.652	50	7.35	0
200	2001	54	200	6	0	2	0	1.622	49	7.29	0
200	2001	54	230	6	0	2	0	1.603	49	7.22	0
200	2001	54	300	6	0	2	0	1.579	49	7.14	0
200	2001	54	330	6	0	2	0	1.555	49	7.09	0
200	2001	54	400	6	0	2	0	1.527	48	7.03	0
200	2001	54	430	6	0	2	0	1.504	47	6.972	0
200	2001	54	500	6	0	2	0	1.479	46	6.935	0
200	2001	54	530	6	0	2	0	1.462	46	6.898	0
200	2001	54	600	6	0	2	0	1.442	45	6.859	0
200	2001	54	630	6	0	2	0	1.424	44	6.812	0
200	2001	54	700	6	0	2	0	1.403	44	6.772	0
200	2001	54	730	6	0	2	0	1.391	44	6.735	0
200	2001	54	800	6	0	2	0	1.365	43	6.707	0
200	2001	54	830	6	0	2	0	1.356	44	6.687	0
200	2001	54	900	6	0	2	0	1.334	42	6.666	0
200	2001	54	930	6	0	2	0	1.32	44	6.668	0
200	2001	54	1000	6	0	2	0	1.309	42	6.706	0
200	2001	54	1030	6	0	2	0	1.284	42	6.8	0
200	2001	54	1100	6	0	2	0	1.272	42	6.93	0
200	2001	54	1130	6	0	2	0	1.271	42	7.02	0
200	2001	54	1200	6	0	2	0	1.274	41	7.14	0
200	2001	54	1230	6	0	2	0	1.279	41	7.23	0
200	2001	54	1300	6	0	2	0	1.287	41	7.37	0
200	2001	54	1330	6	0	2	0	1.25	40	7.5	0
200	2001	54	1400	6	0	2	0	1.217	40	7.59	0
200	2001	54	1430	6	0	2	0	1.282	40	7.68	0
200	2001	54	1500	6	0	2	0	1.267	40	7.73	0
200	2001	54	1530	6	0	2	0	1.254	39	7.76	0
200	2001	54	1600	6	0	2	0	1.241	40	7.77	0
200	2001	54	1630	6	0	2	0	1.235	40	7.79	0
200	2001	54	1700	6	0	2	0	1.232	39	7.82	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	54	1730	6	0	2	0	1.221	40	7.82	0
200	2001	54	1800	6	0	2	0	1.213	38	7.81	0
200	2001	54	1830	6	0	2	0	1.206	39	7.8	0
200	2001	54	1900	6	0	2	0	1.185	38	7.79	0
200	2001	54	1930	6	0	2	0	1.172	38	7.77	0
200	2001	54	2000	6	0	2	0	1.163	39	7.76	0
200	2001	54	2030	6	0	2	0	1.152	37	7.74	0
200	2001	54	2100	6	0	2	0	1.136	38	7.71	0
200	2001	54	2130	6	0	2	0	1.114	37	7.71	0
200	2001	54	2200	6	0	2	0	1.104	37	7.67	0
200	2001	54	2230	6	0	2	0	1.072	37	7.65	0
200	2001	54	2300	6	0	2	0	1.005	37	7.64	0
200	2001	54	2330	6	0	2	0	0.991	36	7.61	0
200	2001	54	2400	6	0	2	0	1.054	37	7.59	0
200	2001	55	30	6	0	2	0	1.027	36	7.56	0
200	2001	55	100	6	0	2	0	0.996	36	7.55	0
200	2001	55	130	6	0	2	0	0.956	35	7.52	0
200	2001	55	200	6	0	2	0	0.909	37	7.5	0
200	2001	55	230	6	0	2	0	0.869	35	7.48	0.01
200	2001	55	300	6	0	2	0	0.898	36	7.47	0
200	2001	55	330	6	0	2	0	0.909	35	7.44	0
200	2001	55	400	6	0	2	0	0.905	34	7.43	0
200	2001	55	430	6	0	2	0	0.866	34	7.42	0
200	2001	55	500	6	0	2	0	0.927	34	7.42	0
200	2001	55	530	6	0	2	0	0.919	36	7.42	0.01
200	2001	55	600	6	0	2	0	0.917	35	7.4	0
200	2001	55	630	6	0	2	0	0.9	34	7.39	0.01
200	2001	55	700	6	0	2	0	0.9	33	7.39	0
200	2001	55	730	6	0	2	0	0.898	33	7.39	0
200	2001	55	800	6	0	2	0	0.885	33	7.38	0
200	2001	55	830	6	0	2	0	0.88	26	7.39	0.01
200	2001	55	900	6	15	2	1	0.886	26	7.39	0
200	2001	55	930	6	0	2	0	0.983	27	7.4	0.01
200	2001	55	1000	6	0	2	0	0.989	27	7.42	0.01
200	2001	55	1030	6	0	2	0	0.999	28	7.45	0.01
200	2001	55	1100	6	0	2	0	1	26	7.52	0
200	2001	55	1130	6	0	2	0	0.998	25	7.57	0
200	2001	55	1200	6	0	2	0	0.995	25	7.65	0
200	2001	55	1230	6	0	2	0	0.994	24	7.81	0.01
200	2001	55	1300	6	0	2	0	0.974	25	7.99	0
200	2001	55	1330	6	0	2	0	0.931	24	8.13	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	55	1400	6	0	2	0	0.974	25	8.23	0
200	2001	55	1430	6	0	2	0	0.997	25	8.33	0
200	2001	55	1500	6	0	2	0	0.877	25	8.39	0
200	2001	55	1530	6	0	2	0	0.92	24	8.4	0
200	2001	55	1600	6	0	2	0	0.929	25	8.39	0
200	2001	55	1630	6	0	2	0	0.931	25	8.38	0
200	2001	55	1700	6	0	2	0	1.009	24	8.31	0
200	2001	55	1730	6	0	2	0	0.995	25	8.25	0
200	2001	55	1800	6	0	2	0	0.906	25	8.18	0
200	2001	55	1830	6	0	2	0	1.008	25	8.15	0
200	2001	55	1900	6	0	2	0	1.011	25	8.09	0
200	2001	55	1930	6	0	2	0	1.01	25	8.02	0
200	2001	55	2000	6	0	2	0	1.003	24	8	0
200	2001	55	2030	6	0	2	0	1.006	25	7.94	0
200	2001	55	2100	6	0	2	0	0.998	25	7.89	0
200	2001	55	2130	6	0	2	0	0.985	24	7.85	0
200	2001	55	2200	6	0	2	0	0.976	24	7.84	0
200	2001	55	2230	6	0	2	0	0.969	24	7.79	0
200	2001	55	2300	6	0	2	0	0.951	24	7.8	0
200	2001	55	2330	6	0	2	0	0.945	24	7.78	0
200	2001	55	2400	6	0	2	0	0.943	24	7.78	0
200	2001	56	30	6	0	2	0	0.948	24	7.77	0
200	2001	56	100	6	0	2	0	0.94	24	7.74	0
200	2001	56	130	6	0	2	0	0.941	23	7.71	0
200	2001	56	200	6	0	2	0	0.924	23	7.69	0
200	2001	56	230	6	0	2	0	0.918	22	7.69	0
200	2001	56	300	6	0	2	0	0.918	23	7.66	0
200	2001	56	330	6	0	2	0	0.922	24	7.65	0
200	2001	56	400	6	0	2	0	0.918	23	7.64	0
200	2001	56	430	6	0	2	0	0.917	22	7.63	0
200	2001	56	500	6	0	2	0	0.909	23	7.63	0
200	2001	56	530	6	0	2	0	0.906	23	7.61	0
200	2001	56	600	6	0	2	0	0.904	23	7.62	0
200	2001	56	630	6	0	2	0	0.899	22	7.6	0
200	2001	56	700	6	0	2	0	0.895	22	7.62	0
200	2001	56	730	6	0	2	0	0.895	22	7.64	0
200	2001	56	800	6	0	2	0	0.888	22	7.64	0
200	2001	56	830	6	0	2	0	0.885	23	7.65	0
200	2001	56	900	6	0	2	0	0.881	23	7.68	0
200	2001	56	930	6	0	2	0	0.877	21	7.73	0
200	2001	56	1000	6	0	2	0	0.874	23	7.8	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	56	1030	6	0	2	0	0.874	22	7.88	0
200	2001	56	1100	6	0	2	0	0.872	21	8.01	0
200	2001	56	1130	6	0	2	0	0.875	22	8.11	0
200	2001	56	1200	6	0	2	0	0.877	22	8.29	0
200	2001	56	1230	6	0	2	0	0.872	23	8.45	0
200	2001	56	1300	6	0	2	0	0.864	21	8.61	0
200	2001	56	1330	6	0	2	0	0.858	21	8.7	0
200	2001	56	1400	6	0	2	0	0.851	21	8.78	0
200	2001	56	1430	6	0	2	0	0.87	20	8.84	0
200	2001	56	1500	6	0	2	0	0.738	22	8.88	0
200	2001	56	1530	6	0	2	0	0.824	21	8.9	0
200	2001	56	1600	6	0	2	0	0.855	22	8.9	0
200	2001	56	1630	6	0	2	0	0.854	21	8.86	0
200	2001	56	1700	6	0	2	0	0.856	21	8.79	0
200	2001	56	1730	6	0	2	0	0.852	21	8.72	0
200	2001	56	1800	6	0	2	0	0.801	20	8.63	0
200	2001	56	1830	6	0	2	0	0.838	20	8.57	0
200	2001	56	1900	6	0	2	0	0.829	20	8.49	0
200	2001	56	1930	6	0	2	0	0.817	20	8.41	0
200	2001	56	2000	6	0	2	0	0.815	20	8.33	0
200	2001	56	2030	6	0	2	0	0.802	20	8.27	0
200	2001	56	2100	6	0	2	0	0.797	19	8.19	0
200	2001	56	2130	6	0	2	0	0.753	19	8.11	0
200	2001	56	2200	6	0	2	0	0.762	20	8.04	0
200	2001	56	2230	6	0	2	0	0.801	20	7.97	0
200	2001	56	2300	6	0	2	0	1.143	19	7.9	0
200	2001	56	2330	6	0	2	0	1.578	20	7.84	0
200	2001	56	2400	6	0	2	0	0.77	19	7.75	0
200	2001	57	30	6	0	2	0	0.788	20	7.68	0
200	2001	57	100	6	0	2	0	0.709	19	7.61	0
200	2001	57	130	6	0	2	0	0.767	19	7.55	0
200	2001	57	200	6	0	2	0	0.762	19	7.48	0
200	2001	57	230	6	0	2	0	0.763	20	7.41	0
200	2001	57	300	6	0	2	0	0.755	19	7.33	0
200	2001	57	330	6	0	2	0	0.749	18	7.26	0
200	2001	57	400	6	0	2	0	0.738	19	7.19	0
200	2001	57	430	6	0	2	0	0.728	19	7.12	0
200	2001	57	500	6	0	2	0	0.725	18	7.05	0
200	2001	57	530	6	0	2	0	0.734	19	6.974	0
200	2001	57	600	6	0	2	0	0.74	20	6.898	0
200	2001	57	630	6	0	2	0	0.738	19	6.82	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	57	700	6	0	2	0	0.718	20	6.744	0
200	2001	57	730	6	0	2	0	0.733	19	6.696	0
200	2001	57	800	6	0	2	0	0.727	19	6.63	0
200	2001	57	830	6	0	2	0	0.726	18	6.589	0
200	2001	57	900	6	0	2	0	0.724	19	6.552	0
200	2001	57	930	6	0	2	0	0.722	17	6.544	0
200	2001	57	1000	6	0	2	0	0.721	18	6.582	0
200	2001	57	1030	6	0	2	0	0.716	17	6.713	0
200	2001	57	1100	6	0	2	0	0.713	18	6.883	0
200	2001	57	1130	6	0	2	0	0.711	18	7.07	0
200	2001	57	1200	6	0	2	0	0.689	18	7.3	0
200	2001	57	1230	6	0	2	0	0.731	19	7.55	0
200	2001	57	1300	6	0	2	0	0.75	18	7.82	0
200	2001	57	1330	6	0	2	0	0.744	19	8.13	0
200	2001	57	1400	6	0	2	0	0.846	18	8.34	0
200	2001	57	1430	6	0	2	0	0.97	19	8.48	0
200	2001	57	1500	6	0	2	0	12	19	8.52	0
200	2001	57	1530	6	0	2	0	13.39	20	8.56	0
200	2001	57	1600	6	0	2	0	3.362	20	8.51	0
200	2001	57	1630	6	0	2	0	10.03	20	8.43	0
200	2001	57	1700	6	0	2	0	9.3	17	8.19	0
200	2001	57	1730	6	0	2	0	0.746	15	8.01	0
200	2001	57	1800	6	0	2	0	0.743	15	7.85	0
200	2001	57	1830	6	0	2	0	0.742	16	7.73	0
200	2001	57	1900	6	0	2	0	0.741	14	7.65	0
200	2001	57	1930	6	0	2	0	0.737	16	7.6	0
200	2001	57	2000	6	0	2	0	0.731	14	7.57	0
200	2001	57	2030	6	0	2	0	0.73	16	7.47	0
200	2001	57	2100	6	0	2	0	0.726	16	7.42	0
200	2001	57	2130	6	0	2	0	0.725	16	7.35	0
200	2001	57	2200	6	0	2	0	0.72	15	7.28	0
200	2001	57	2230	6	0	2	0	0.72	17	7.22	0
200	2001	57	2300	6	0	2	0	0.717	16	7.17	0
200	2001	57	2330	6	0	2	0	0.718	17	7.12	0
200	2001	57	2400	6	0	2	0	0.713	16	7.05	0
200	2001	58	30	6	0	2	0	0.713	16	7.02	0
200	2001	58	100	6	0	2	0	0.712	16	6.971	0
200	2001	58	130	6	0	2	0	0.708	17	6.904	0
200	2001	58	200	6	0	2	0	0.707	17	6.838	0
200	2001	58	230	6	0	2	0	0.705	17	6.79	0
200	2001	58	300	6	0	2	0	0.706	17	6.723	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	58	330	6	0	2	0	0.704	18	6.657	0
200	2001	58	400	6	16	1	1	0.702	19	6.591	0
200	2001	58	430	6	0	1	0	0.701	18	6.515	0
200	2001	58	500	6	0	1	0	0.7	20	6.467	0
200	2001	58	530	6	17	1	1	0.699	20	6.409	0
200	2001	58	600	6	0	1	0	0.699	21	6.324	0
200	2001	58	630	6	0	1	0	0.696	24	6.266	0
200	2001	58	700	6	0	1	0	0.696	16	6.209	0
200	2001	58	730	6	0	2	0	0.698	15	6.171	0
200	2001	58	800	6	0	2	0	0.698	15	6.133	0
200	2001	58	830	6	0	2	0	0.694	16	6.095	0
200	2001	58	900	6	0	2	0	0.695	16	6.057	0
200	2001	58	930	6	0	2	0	0.693	14	6.095	0
200	2001	58	1000	6	0	2	0	0.688	14	6.238	0
200	2001	58	1030	6	0	2	0	0.682	14	6.447	0
200	2001	58	1100	6	0	2	0	0.679	16	6.751	0
200	2001	58	1130	6	0	2	0	0.676	17	7.04	0
200	2001	58	1200	6	0	2	0	0.674	16	7.37	0
200	2001	58	1230	6	0	2	0	0.673	16	7.72	0
200	2001	58	1300	6	0	2	0	0.672	17	8.11	0
200	2001	58	1330	6	0	2	0	0.672	17	8.49	0
200	2001	58	1400	6	0	2	0	0.67	17	8.75	0
200	2001	58	1430	6	0	2	0	0.671	17	8.87	0
200	2001	58	1500	6	0	2	0	0.67	17	8.9	0
200	2001	58	1530	6	0	2	0	0.667	16	8.9	0
200	2001	58	1600	6	0	2	0	0.665	16	8.83	0
200	2001	58	1630	6	0	2	0	0.663	16	8.72	0
200	2001	58	1700	6	0	2	0	0.661	15	8.54	0
200	2001	58	1730	6	0	2	0	0.656	16	8.31	0
200	2001	58	1800	6	0	2	0	0.656	15	8.1	0
200	2001	58	1830	6	0	2	0	0.653	16	7.91	0
200	2001	58	1900	6	0	2	0	0.649	16	7.74	0
200	2001	58	1930	6	0	2	0	0.648	16	7.59	0
200	2001	58	2000	6	0	2	0	0.647	15	7.48	0
200	2001	58	2030	6	0	2	0	0.643	16	7.39	0
200	2001	58	2100	6	0	2	0	0.643	15	7.32	0
200	2001	58	2130	6	0	2	0	0.642	15	7.24	0
200	2001	58	2200	6	0	2	0	0.641	14	7.14	0
200	2001	58	2230	6	0	2	0	0.636	16	7.06	0
200	2001	58	2300	6	0	2	0	0.635	15	6.978	0
200	2001	58	2330	6	0	2	0	0.635	15	6.881	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	58	2400	6	0	2	0	0.633	15	6.807	0
200	2001	59	30	6	0	2	0	0.631	14	6.732	0
200	2001	59	100	6	0	2	0	0.63	15	6.646	0
200	2001	59	130	6	0	2	0	0.629	14	6.571	0
200	2001	59	200	6	0	2	0	0.627	14	6.495	0
200	2001	59	230	6	0	2	0	0.628	14	6.419	0
200	2001	59	300	6	0	2	0	0.625	14	6.362	0
200	2001	59	330	6	0	2	0	0.624	14	6.295	0
200	2001	59	400	6	0	2	0	0.624	14	6.218	0
200	2001	59	430	6	0	2	0	0.624	14	6.152	0
200	2001	59	500	6	0	2	0	0.62	15	6.095	0
200	2001	59	530	6	0	2	0	0.619	14	6.019	0
200	2001	59	600	6	0	2	0	0.617	14	5.961	0
200	2001	59	630	6	0	2	0	0.618	14	5.895	0
200	2001	59	700	6	0	2	0	0.616	15	5.828	0
200	2001	59	730	6	0	2	0	0.618	14	5.77	0
200	2001	59	800	6	0	2	0	0.617	14	5.732	0
200	2001	59	830	6	0	2	0	0.615	14	5.694	0
200	2001	59	900	6	0	2	0	0.613	14	5.675	0
200	2001	59	930	6	0	2	0	0.611	13	5.694	0
200	2001	59	1000	6	0	2	0	0.611	16	5.866	0
200	2001	59	1030	6	0	2	0	0.609	15	6.095	0
200	2001	59	1100	6	0	2	0	0.605	15	6.456	0
200	2001	59	1130	6	0	2	0	0.605	14	6.757	0
200	2001	59	1200	6	0	2	0	0.606	14	7.02	0
200	2001	59	1230	6	0	2	0	0.605	15	7.33	0
200	2001	59	1300	6	0	2	0	0.603	15	7.53	0
200	2001	59	1330	6	0	2	0	0.603	13	7.69	0
200	2001	59	1400	6	0	2	0	0.602	14	7.97	0
200	2001	59	1430	6	0	2	0	0.601	14	8.12	0
200	2001	59	1500	6	0	2	0	0.601	15	8.15	0
200	2001	59	1530	6	0	2	0	0.6	15	8.19	0
200	2001	59	1600	6	0	2	0	0.597	15	8.17	0
200	2001	59	1630	6	0	2	0	0.596	14	8.14	0
200	2001	59	1700	6	0	2	0	0.595	14	8.07	0
200	2001	59	1730	6	0	2	0	0.593	14	8.02	0
200	2001	59	1800	6	0	2	0	0.591	13	7.95	0
200	2001	59	1830	6	0	2	0	0.59	13	7.85	0
200	2001	59	1900	6	0	2	0	0.59	14	7.74	0
200	2001	59	1930	6	0	2	0	0.587	13	7.61	0
200	2001	59	2000	6	0	2	0	0.584	14	7.5	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	59	2030	6	0	2	0	0.584	14	7.38	0
200	2001	59	2100	6	0	2	0	0.583	14	7.29	0
200	2001	59	2130	6	0	2	0	0.581	13	7.16	0
200	2001	59	2200	6	0	2	0	0.579	14	7.07	0
200	2001	59	2230	6	0	2	0	0.578	14	6.966	0
200	2001	59	2300	6	0	2	0	0.578	13	6.881	0
200	2001	59	2330	6	0	2	0	0.574	14	6.777	0
200	2001	59	2400	6	0	2	0	0.573	13	6.674	0
200	2001	60	30	6	0	2	0	0.573	14	6.597	0
200	2001	60	100	6	0	2	0	0.572	14	6.501	0
200	2001	60	130	6	0	2	0	0.57	14	6.437	0
200	2001	60	200	6	0	2	0	0.569	12	6.38	0
200	2001	60	230	6	0	2	0	0.568	13	6.333	0
200	2001	60	300	6	0	2	0	0.567	12	6.285	0
200	2001	60	330	6	0	2	0	0.566	14	6.227	0
200	2001	60	400	6	0	2	0	0.565	13	6.17	0
200	2001	60	430	6	0	2	0	0.565	13	6.114	0
200	2001	60	500	6	0	2	0	0.562	13	6.075	0
200	2001	60	530	6	0	2	0	0.562	13	6.037	0
200	2001	60	600	6	0	2	0	0.561	13	5.999	0
200	2001	60	630	6	0	2	0	0.561	16	5.987	0
200	2001	60	700	6	0	2	0	0.56	14	6.008	0
200	2001	60	730	6	0	2	0	0.56	13	5.987	0
200	2001	60	800	6	0	2	0	0.559	14	6.015	0
200	2001	60	830	6	0	2	0	0.556	13	6.073	0
200	2001	60	900	6	0	2	0	0.557	14	6.164	0
200	2001	60	930	6	0	2	0	0.555	13	6.24	0
200	2001	60	1000	6	0	2	0	0.555	13	6.335	0
200	2001	60	1030	6	0	2	0	0.555	14	6.44	0
200	2001	60	1100	6	0	2	0	0.553	13	6.583	0
200	2001	60	1130	6	0	2	0	0.553	13	6.726	0
200	2001	60	1200	6	0	2	0	0.553	13	6.879	0
200	2001	60	1230	6	0	2	0	0.554	13	6.99	0
200	2001	60	1300	6	0	2	0	0.553	13	7.15	0
200	2001	60	1330	6	0	2	0	0.551	13	7.29	0
200	2001	60	1400	6	0	2	0	0.551	14	7.39	0
200	2001	60	1430	6	0	2	0	0.549	13	7.49	0
200	2001	60	1500	6	0	2	0	0.551	14	7.6	0
200	2001	60	1530	6	0	2	0	0.547	14	7.71	0
200	2001	60	1600	6	0	2	0	0.547	16	7.79	0
200	2001	60	1630	6	0	2	0	0.549	14	7.82	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	60	1700	6	0	2	0	0.546	13	7.84	0
200	2001	60	1730	7	0	2	0	0.545	10	7.83	0
200	2001	60	1800	7	0	2	0	0.544	10	7.82	0
200	2001	60	1830	7	0	2	0	0.543	9	7.77	0
200	2001	60	1900	7	0	2	0	0.541	9	7.75	0
200	2001	60	1930	7	0	2	0	0.539	9	7.71	0
200	2001	60	2000	7	0	2	0	0.54	9	7.67	0.01
200	2001	60	2030	7	0	2	0	0.542	10	7.66	0.01
200	2001	60	2100	7	0	2	0	0.54	9	7.63	0.01
200	2001	60	2130	7	0	2	0	0.541	9	7.6	0.01
200	2001	60	2200	7	0	2	0	0.544	9	7.6	0.03
200	2001	60	2230	7	0	2	0	0.546	9	7.58	0.01
200	2001	60	2300	7	0	2	0	0.546	9	7.58	0.02
200	2001	60	2330	7	0	2	0	0.55	10	7.57	0.01
200	2001	60	2400	7	0	2	0	0.551	10	7.57	0.01
200	2001	61	30	7	0	2	0	0.553	10	7.56	0
200	2001	61	100	7	0	2	0	0.552	10	7.55	0
200	2001	61	130	7	0	2	0	0.552	8	7.56	0
200	2001	61	200	7	0	2	0	0.553	9	7.56	0
200	2001	61	230	7	0	2	0	0.554	9	7.56	0.02
200	2001	61	300	7	0	2	0	0.559	10	7.55	0.02
200	2001	61	330	7	0	2	0	0.565	10	7.55	0.02
200	2001	61	400	7	0	2	0	0.572	11	7.55	0.02
200	2001	61	430	7	0	2	0	0.578	11	7.56	0.01
200	2001	61	500	7	0	2	0	0.588	12	7.53	0.01
200	2001	61	530	7	0	2	0	0.597	12	7.53	0.01
200	2001	61	600	7	1	1	1	0.604	14	7.51	0
200	2001	61	630	7	0	1	0	0.61	14	7.47	0
200	2001	61	700	7	0	1	0	0.619	13	7.44	0
200	2001	61	730	7	0	1	0	0.635	13	7.41	0.03
200	2001	61	800	7	0	1	0	0.647	14	7.4	0
200	2001	61	830	7	0	1	0	0.655	14	7.38	0
200	2001	61	900	7	0	1	0	0.668	13	7.37	0
200	2001	61	930	7	0	1	0	0.681	14	7.41	0
200	2001	61	1000	7	0	1	0	0.696	14	7.51	0
200	2001	61	1030	7	0	1	0	0.708	13	7.63	0
200	2001	61	1100	7	0	1	0	0.722	14	7.62	0
200	2001	61	1130	7	0	1	0	0.733	13	7.76	0
200	2001	61	1200	7	0	1	0	0.737	13	7.93	0
200	2001	61	1230	7	0	1	0	0.751	15	8.16	0
200	2001	61	1300	7	0	1	0	0.756	14	8.44	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	61	1330	7	0	1	0	0.764	16	8.66	0
200	2001	61	1400	7	0	1	0	0.767	16	8.81	0
200	2001	61	1430	7	0	1	0	0.768	16	8.81	0
200	2001	61	1500	7	0	1	0	0.769	17	8.71	0
200	2001	61	1530	7	0	1	0	0.766	18	8.61	0
200	2001	61	1600	7	0	1	0	0.766	19	8.46	0
200	2001	61	1630	7	0	1	0	0.768	20	8.26	0
200	2001	61	1700	7	2	1	1	0.763	20	8	0
200	2001	61	1730	7	0	1	0	0.763	21	7.78	0
200	2001	61	1800	7	0	1	0	0.757	21	7.61	0
200	2001	61	1830	7	0	1	0	0.759	21	7.51	0
200	2001	61	1900	7	0	1	0	0.756	21	7.39	0
200	2001	61	1930	7	0	1	0	0.75	21	7.32	0
200	2001	61	2000	7	0	1	0	0.75	21	7.24	0
200	2001	61	2030	7	0	1	0	0.747	21	7.14	0
200	2001	61	2100	7	0	1	0	0.747	21	7.04	0
200	2001	61	2130	7	0	1	0	0.745	21	6.957	0
200	2001	61	2200	7	0	1	0	0.744	20	6.88	0
200	2001	61	2230	7	0	1	0	0.737	20	6.824	0
200	2001	61	2300	7	0	1	0	0.735	21	6.817	0
200	2001	61	2330	7	0	1	0	0.732	21	6.776	0
200	2001	61	2400	7	0	1	0	0.727	21	6.739	0
200	2001	62	30	7	0	1	0	0.727	21	6.674	0
200	2001	62	100	7	0	1	0	0.724	20	6.616	0
200	2001	62	130	7	0	1	0	0.721	20	6.542	0
200	2001	62	200	7	0	1	0	0.717	20	6.483	0
200	2001	62	230	7	0	1	0	0.717	20	6.409	0
200	2001	62	300	7	0	1	0	0.714	19	6.332	0
200	2001	62	330	7	0	1	0	0.713	19	6.257	0
200	2001	62	400	7	0	1	0	0.711	19	6.209	0
200	2001	62	430	7	0	1	0	0.708	20	6.142	0
200	2001	62	500	7	0	1	0	0.709	18	6.075	0
200	2001	62	530	7	0	1	0	0.706	19	5.99	0
200	2001	62	600	7	0	1	0	0.703	18	5.942	0
200	2001	62	630	7	0	1	0	0.702	18	5.875	0
200	2001	62	700	7	0	1	0	0.702	19	5.837	0
200	2001	62	730	7	0	1	0	0.699	19	5.789	0
200	2001	62	800	7	0	1	0	0.7	20	5.789	0
200	2001	62	830	7	0	1	0	0.695	18	5.809	0
200	2001	62	900	7	0	1	0	0.695	18	5.884	0
200	2001	62	930	7	0	1	0	0.694	19	5.985	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	62	1000	7	0	1	0	0.693	19	6.137	0
200	2001	62	1030	7	0	1	0	0.689	18	6.249	0
200	2001	62	1100	7	0	1	0	0.687	18	6.363	0
200	2001	62	1130	7	0	1	0	0.689	17	6.478	0
200	2001	62	1200	7	0	1	0	0.686	18	6.572	0
200	2001	62	1230	7	0	1	0	0.686	19	6.676	0
200	2001	62	1300	7	0	1	0	0.686	17	6.713	0
200	2001	62	1330	7	0	1	0	0.684	17	6.77	0.01
200	2001	62	1400	7	0	1	0	0.684	17	6.846	0
200	2001	62	1430	7	0	1	0	0.682	18	6.923	0
200	2001	62	1500	7	0	1	0	0.68	17	7.03	0
200	2001	62	1530	7	0	1	0	0.678	17	7.11	0
200	2001	62	1600	7	0	1	0	0.677	17	7.14	0
200	2001	62	1630	7	0	1	0	0.674	18	7.15	0
200	2001	62	1700	7	0	1	0	0.673	18	7.15	0
200	2001	62	1730	7	0	1	0	0.671	19	7.11	0
200	2001	62	1800	7	0	1	0	0.669	18	7.1	0
200	2001	62	1830	7	0	1	0	0.668	18	7.06	0
200	2001	62	1900	7	0	1	0	0.667	18	7.03	0
200	2001	62	1930	7	0	1	0	0.667	18	7.01	0.01
200	2001	62	2000	7	0	1	0	0.667	18	6.991	0
200	2001	62	2030	7	0	1	0	0.663	19	7	0.01
200	2001	62	2100	7	0	1	0	0.662	19	6.983	0
200	2001	62	2130	7	0	1	0	0.662	19	6.982	0
200	2001	62	2200	7	0	1	0	0.661	19	6.971	0.01
200	2001	62	2230	7	0	1	0	0.66	19	6.952	0
200	2001	62	2300	7	0	1	0	0.659	20	6.943	0
200	2001	62	2330	7	0	1	0	0.661	18	6.946	0
200	2001	62	2400	7	0	1	0	0.662	20	6.943	0.01
200	2001	63	30	7	0	1	0	0.662	20	6.925	0.01
200	2001	63	100	7	0	1	0	0.664	20	6.905	0.02
200	2001	63	130	7	0	1	0	0.67	20	6.916	0.02
200	2001	63	200	7	0	1	0	0.675	20	6.905	0.02
200	2001	63	230	7	0	1	0	0.681	22	6.915	0
200	2001	63	300	7	0	1	0	0.686	21	6.899	0.01
200	2001	63	330	7	0	1	0	0.691	23	6.887	0.01
200	2001	63	400	7	0	1	0	0.699	22	6.885	0.01
200	2001	63	430	7	0	1	0	0.701	23	6.886	0
200	2001	63	500	7	0	1	0	0.708	23	6.885	0.01
200	2001	63	530	7	0	1	0	0.719	24	6.877	0.01
200	2001	63	600	7	0	1	0	0.738	24	6.888	0.05

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	63	630	7	0	1	0	0.765	31	6.905	0.02
200	2001	63	700	7	0	1	0	0.801	42	6.946	0.02
200	2001	63	730	7	0	1	0	0.829	53	6.973	0.01
200	2001	63	800	7	0	1	0	0.854	30	7.01	0.01
200	2001	63	830	7	0	1	0	0.9	30	7.07	0.04
200	2001	63	900	7	0	1	0	0.938	32	7.16	0.01
200	2001	63	930	7	0	1	0	0.982	35	7.26	0.03
200	2001	63	1000	7	0	1	0	1.031	39	7.35	0.03
200	2001	63	1030	7	0	1	0	1.104	47	7.44	0.03
200	2001	63	1100	7	0	1	0	1.165	56	7.62	0.01
200	2001	63	1130	7	0	1	0	1.231	64	7.77	0.02
200	2001	63	1200	7	0	1	0	1.298	69	7.94	0
200	2001	63	1230	7	0	1	0	1.368	79	8.15	0
200	2001	63	1300	7	3	1	1	1.445	90	8.36	0
200	2001	63	1330	7	0	1	0	1.524	94	8.5	0
200	2001	63	1400	7	0	1	0	1.574	97	8.5	0.01
200	2001	63	1430	7	0	1	0	1.618	97	8.58	0.01
200	2001	63	1500	7	0	1	0	1.642	93	8.6	0.01
200	2001	63	1530	7	0	1	0	1.66	90	8.6	0
200	2001	63	1600	7	0	2	0	1.672	87	8.56	0.01
200	2001	63	1630	7	0	2	0	1.676	83	8.55	0
200	2001	63	1700	7	0	2	0	1.66	79	8.54	0.02
200	2001	63	1730	7	0	2	0	1.658	75	8.52	0.03
200	2001	63	1800	7	0	2	0	1.669	73	8.51	0.06
200	2001	63	1830	7	0	2	0	1.7	79	8.51	0.11
200	2001	63	1900	7	4	1	1	1.747	96	8.53	0.01
200	2001	63	1930	7	0	1	0	1.816	104	8.51	0
200	2001	63	2000	7	0	1	0	1.9	136	8.5	0
200	2001	63	2030	7	0	1	0	2.116	188	8.47	0
200	2001	63	2100	7	5	1	1	2.286	212	8.47	0
200	2001	63	2130	7	0	1	0	2.403	217	8.47	0
200	2001	63	2200	7	0	1	0	2.431	226	8.46	0
200	2001	63	2230	7	0	1	0	2.435	204	8.45	0
200	2001	63	2300	7	6	2	1	2.389	186	8.42	0
200	2001	63	2330	7	0	2	0	2.338	197	8.39	0
200	2001	63	2400	7	0	2	0	2.264	157	8.4	0
200	2001	64	30	7	7	2	1	2.197	131	8.35	0
200	2001	64	100	7	0	2	0	2.135	120	8.32	0
200	2001	64	130	7	0	2	0	2.077	257	8.27	0
200	2001	64	200	7	0	2	0	2.028	120	8.26	0
200	2001	64	230	7	0	2	0	1.978	146	8.22	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	64	300	7	8	1	1	1.929	182	8.19	0
200	2001	64	330	7	0	1	0	1.886	76	8.17	0
200	2001	64	400	7	9	2	1	1.848	72	8.09	0
200	2001	64	430	7	0	2	0	1.811	68	8.06	0
200	2001	64	500	7	0	2	0	1.773	66	8.01	0
200	2001	64	530	7	0	2	0	1.739	63	7.97	0
200	2001	64	600	7	0	2	0	1.709	60	7.94	0
200	2001	64	630	7	10	2	1	1.679	58	7.88	0
200	2001	64	700	7	0	2	0	1.653	56	7.81	0
200	2001	64	730	7	0	2	0	1.62	55	7.79	0
200	2001	64	800	7	0	2	0	1.596	54	7.76	0
200	2001	64	830	7	0	2	0	1.57	53	7.73	0
200	2001	64	900	7	0	2	0	1.55	52	7.69	0
200	2001	64	930	7	0	2	0	1.53	50	7.7	0
200	2001	64	1000	7	0	2	0	1.506	49	7.73	0
200	2001	64	1030	7	0	2	0	1.486	49	7.8	0
200	2001	64	1100	7	0	2	0	1.466	47	7.87	0
200	2001	64	1130	7	0	2	0	1.447	46	8.01	0
200	2001	64	1200	7	0	2	0	1.427	46	8.13	0
200	2001	64	1230	7	0	2	0	1.412	44	8.27	0
200	2001	64	1300	7	0	2	0	1.395	43	8.36	0
200	2001	64	1330	7	0	2	0	1.375	46	8.41	0
200	2001	64	1400	7	0	2	0	1.36	42	8.44	0
200	2001	64	1430	7	0	2	0	1.345	46	8.48	0
200	2001	64	1500	7	0	2	0	1.329	41	8.57	0
200	2001	64	1530	7	0	2	0	1.315	41	8.64	0
200	2001	64	1600	7	0	2	0	1.301	39	8.68	0
200	2001	64	1630	7	0	2	0	1.284	40	8.71	0
200	2001	64	1700	7	0	2	0	1.27	40	8.71	0
200	2001	64	1730	7	0	2	0	1.257	38	8.69	0
200	2001	64	1800	7	0	2	0	1.244	37	8.66	0
200	2001	64	1830	7	0	2	0	1.233	38	8.62	0
200	2001	64	1900	7	0	2	0	1.22	37	8.6	0
200	2001	64	1930	7	0	2	0	1.208	37	8.58	0
200	2001	64	2000	7	0	2	0	1.197	36	8.53	0
200	2001	64	2030	7	0	2	0	1.184	81	8.5	0
200	2001	64	2100	7	0	2	0	1.176	81	8.45	0
200	2001	64	2130	7	0	2	0	1.165	80	8.43	0
200	2001	64	2200	7	11	1	1	1.154	81	8.4	0
200	2001	64	2230	7	0	1	0	1.146	77	8.38	0
200	2001	64	2300	7	0	1	0	1.138	76	8.33	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	64	2330	7	12	2	1	1.128	34	8.31	0
200	2001	64	2400	7	0	2	0	1.12	33	8.28	0
200	2001	65	30	7	0	2	0	1.111	33	8.25	0
200	2001	65	100	7	0	2	0	1.102	32	8.22	0
200	2001	65	130	7	0	2	0	1.096	32	8.18	0
200	2001	65	200	7	0	2	0	1.089	33	8.13	0
200	2001	65	230	7	0	2	0	1.081	33	8.09	0
200	2001	65	300	7	0	2	0	1.072	31	8.04	0
200	2001	65	330	7	0	2	0	1.066	32	8.01	0
200	2001	65	400	7	0	2	0	1.059	31	7.97	0
200	2001	65	430	7	0	2	0	1.052	31	7.93	0
200	2001	65	500	7	0	2	0	1.046	31	7.9	0
200	2001	65	530	7	0	2	0	1.04	30	7.87	0
200	2001	65	600	7	13	2	1	1.033	30	7.84	0
200	2001	65	630	7	0	2	0	1.027	29	7.81	0
200	2001	65	700	7	0	2	0	1.022	29	7.79	0
200	2001	65	730	7	0	2	0	1.016	28	7.77	0
200	2001	65	800	7	0	2	0	1.01	29	7.74	0
200	2001	65	830	7	0	2	0	1.007	28	7.7	0
200	2001	65	900	7	0	2	0	0.999	28	7.7	0
200	2001	65	930	7	0	2	0	0.994	29	7.7	0
200	2001	65	1000	7	0	2	0	0.988	27	7.75	0
200	2001	65	1030	7	0	2	0	0.982	28	7.85	0
200	2001	65	1100	7	0	2	0	0.977	28	7.99	0
200	2001	65	1130	7	0	2	0	0.974	28	8.14	0
200	2001	65	1200	7	0	2	0	0.967	28	8.35	0
200	2001	65	1230	7	0	2	0	0.965	28	8.59	0
200	2001	65	1300	7	0	2	0	0.96	27	8.81	0
200	2001	65	1330	7	0	2	0	0.954	27	9.02	0
200	2001	65	1400	7	0	2	0	0.951	27	9.19	0
200	2001	65	1430	7	0	2	0	0.945	27	9.31	0
200	2001	65	1500	7	0	2	0	0.94	29	9.39	0
200	2001	65	1530	7	0	2	0	0.934	28	9.45	0
200	2001	65	1600	7	0	2	0	0.929	28	9.46	0
200	2001	65	1630	7	0	2	0	0.923	27	9.44	0
200	2001	65	1700	7	0	2	0	0.917	28	9.35	0
200	2001	65	1730	7	0	2	0	0.909	28	9.26	0
200	2001	65	1800	7	0	2	0	0.902	27	9.18	0
200	2001	65	1830	7	0	2	0	0.897	27	9.11	0
200	2001	65	1900	7	0	2	0	0.891	26	9.07	0
200	2001	65	1930	7	0	2	0	0.885	28	8.99	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	65	2000	7	0	2	0	0.883	28	8.94	0
200	2001	65	2030	7	0	2	0	0.877	27	8.89	0
200	2001	65	2100	7	0	2	0	0.871	27	8.84	0
200	2001	65	2130	7	0	2	0	0.866	27	8.79	0
200	2001	65	2200	7	0	2	0	0.863	28	8.74	0
200	2001	65	2230	7	0	2	0	0.859	26	8.71	0
200	2001	65	2300	7	0	2	0	0.853	27	8.66	0
200	2001	65	2330	7	0	2	0	0.849	26	8.6	0
200	2001	65	2400	7	0	2	0	0.846	25	8.56	0
200	2001	66	30	7	0	2	0	0.841	25	8.53	0
200	2001	66	100	7	0	2	0	0.839	25	8.47	0
200	2001	66	130	7	0	2	0	0.834	27	8.43	0
200	2001	66	200	7	0	2	0	0.83	25	8.38	0
200	2001	66	230	7	0	2	0	0.828	26	8.33	0
200	2001	66	300	7	0	2	0	0.825	25	8.3	0
200	2001	66	330	7	0	2	0	0.821	25	8.26	0
200	2001	66	400	7	0	2	0	0.817	25	8.2	0
200	2001	66	430	7	0	2	0	0.815	25	8.16	0
200	2001	66	500	7	0	2	0	0.813	25	8.1	0
200	2001	66	530	7	0	2	0	0.809	25	8.08	0
200	2001	66	600	7	0	2	0	0.807	24	8.02	0
200	2001	66	630	7	0	2	0	0.803	26	7.97	0
200	2001	66	700	7	0	2	0	0.802	25	7.93	0
200	2001	66	730	7	0	2	0	0.798	24	7.89	0
200	2001	66	800	7	0	2	0	0.796	24	7.87	0
200	2001	66	830	7	0	2	0	0.792	24	7.87	0
200	2001	66	900	7	0	2	0	0.79	24	7.91	0
200	2001	66	930	7	0	2	0	0.788	23	7.95	0
200	2001	66	1000	7	0	2	0	0.786	21	8	0
200	2001	66	1030	7	0	2	0	0.783	22	8.08	0
200	2001	66	1100	7	0	2	0	0.781	22	8.24	0
200	2001	66	1130	7	0	2	0	0.779	21	8.4	0
200	2001	66	1200	7	0	2	0	0.778	22	8.6	0
200	2001	66	1230	7	0	2	0	0.775	22	8.81	0
200	2001	66	1300	7	0	2	0	0.773	22	9.03	0
200	2001	66	1330	7	0	2	0	0.773	21	9.25	0
200	2001	66	1400	7	0	2	0	0.771	22	9.44	0
200	2001	66	1430	7	0	2	0	0.767	22	9.61	0
200	2001	66	1500	7	0	2	0	0.765	22	9.73	0
200	2001	66	1530	7	0	2	0	0.763	22	9.78	0
200	2001	66	1600	7	0	2	0	0.758	22	9.75	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	66	1630	7	0	2	0	0.755	23	9.7	0
200	2001	66	1700	7	0	2	0	0.753	21	9.62	0
200	2001	66	1730	7	0	2	0	0.749	22	9.51	0
200	2001	66	1800	7	0	2	0	0.748	21	9.41	0
200	2001	66	1830	7	0	2	0	0.743	21	9.31	0
200	2001	66	1900	7	0	2	0	0.743	21	9.25	0
200	2001	66	1930	7	0	2	0	0.738	20	9.17	0
200	2001	66	2000	7	0	2	0	0.737	21	9.14	0
200	2001	66	2030	7	0	2	0	0.734	21	9.11	0
200	2001	66	2100	7	0	2	0	0.731	22	9.08	0
200	2001	66	2130	7	0	2	0	0.729	20	9.05	0
200	2001	66	2200	7	0	2	0	0.726	21	9.01	0
200	2001	66	2230	7	0	2	0	0.725	22	9	0
200	2001	66	2300	7	0	2	0	0.723	21	8.98	0
200	2001	66	2330	7	0	2	0	0.719	21	8.95	0
200	2001	66	2400	7	0	2	0	0.718	23	8.94	0
200	2001	67	30	7	0	2	0	0.717	23	8.93	0
200	2001	67	100	7	0	2	0	0.713	20	8.91	0
200	2001	67	130	7	0	2	0	0.713	21	8.9	0
200	2001	67	200	7	0	2	0	0.712	21	8.89	0
200	2001	67	230	7	0	2	0	0.712	21	8.87	0
200	2001	67	300	7	0	2	0	0.709	21	8.86	0
200	2001	67	330	7	0	2	0	0.707	21	8.85	0
200	2001	67	400	7	0	2	0	0.706	20	8.85	0
200	2001	67	430	7	0	2	0	0.706	21	8.83	0
200	2001	67	500	7	0	2	0	0.702	20	8.81	0
200	2001	67	530	7	0	2	0	0.7	22	8.82	0
200	2001	67	600	7	0	2	0	0.699	22	8.79	0
200	2001	67	630	7	0	2	0	0.699	18	8.78	0
200	2001	67	700	7	0	2	0	0.698	18	8.77	0
200	2001	67	730	7	0	2	0	0.698	17	8.76	0.02
200	2001	67	800	7	0	2	0	0.699	19	8.75	0.01
200	2001	67	830	7	0	2	0	0.699	19	8.76	0
200	2001	67	900	7	0	2	0	0.699	17	8.77	0
200	2001	67	930	7	0	2	0	0.696	17	8.79	0
200	2001	67	1000	7	0	2	0	0.693	17	8.81	0
200	2001	67	1030	7	0	2	0	0.692	17	8.87	0
200	2001	67	1100	7	0	2	0	0.688	17	8.9	0
200	2001	67	1130	7	0	2	0	0.686	17	8.99	0
200	2001	67	1200	7	0	2	0	0.688	17	9.1	0
200	2001	67	1230	7	0	2	0	0.685	17	9.27	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	67	1300	7	0	2	0	0.684	17	9.44	0
200	2001	67	1330	7	0	2	0	0.683	17	9.61	0
200	2001	67	1400	7	0	2	0	0.685	17	9.81	0
200	2001	67	1430	7	0	2	0	0.683	18	9.96	0
200	2001	67	1500	7	0	2	0	0.683	18	10.07	0
200	2001	67	1530	7	0	2	0	0.681	19	10.11	0
200	2001	67	1600	7	0	2	0	0.678	18	10.1	0
200	2001	67	1630	7	0	2	0	0.676	18	10.07	0
200	2001	67	1700	7	0	2	0	0.673	17	10	0
200	2001	67	1730	7	0	2	0	0.672	17	9.9	0
200	2001	67	1800	7	0	2	0	0.67	16	9.77	0
200	2001	67	1830	7	0	2	0	0.669	16	9.62	0
200	2001	67	1900	7	0	2	0	0.667	17	9.51	0
200	2001	67	1930	7	0	2	0	0.666	16	9.4	0
200	2001	67	2000	7	0	2	0	0.665	16	9.32	0
200	2001	67	2030	7	0	2	0	0.663	16	9.24	0
200	2001	67	2100	7	0	2	0	0.661	16	9.19	0
200	2001	67	2130	7	0	2	0	0.661	16	9.15	0
200	2001	67	2200	7	0	2	0	0.658	16	9.1	0
200	2001	67	2230	7	0	2	0	0.656	17	9.08	0
200	2001	67	2300	7	0	2	0	0.654	16	9.04	0
200	2001	67	2330	7	0	2	0	0.654	16	9.01	0
200	2001	67	2400	7	0	2	0	0.654	16	8.94	0
200	2001	68	30	7	0	2	0	0.651	16	8.92	0
200	2001	68	100	7	0	2	0	0.649	17	8.88	0
200	2001	68	130	7	0	2	0	0.648	16	8.85	0
200	2001	68	200	7	0	2	0	0.648	18	8.8	0
200	2001	68	230	7	0	2	0	0.647	16	8.78	0
200	2001	68	300	7	0	2	0	0.644	16	8.75	0
200	2001	68	330	7	0	2	0	0.643	17	8.72	0
200	2001	68	400	7	0	2	0	0.642	17	8.67	0
200	2001	68	430	7	0	2	0	0.642	16	8.64	0
200	2001	68	500	7	0	2	0	0.642	16	8.58	0
200	2001	68	530	7	0	2	0	0.641	15	8.54	0
200	2001	68	600	7	0	2	0	0.639	16	8.47	0
200	2001	68	630	7	0	2	0	0.637	16	8.43	0
200	2001	68	700	7	0	2	0	0.637	16	8.37	0
200	2001	68	730	7	0	2	0	0.636	15	8.32	0
200	2001	68	800	7	0	2	0	0.635	17	8.29	0
200	2001	68	830	7	0	2	0	0.633	16	8.25	0
200	2001	68	900	7	0	2	0	0.633	16	8.21	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	68	930	7	0	2	0	0.631	16	8.21	0
200	2001	68	1000	7	0	2	0	0.632	14	8.24	0
200	2001	68	1030	7	0	2	0	0.63	16	8.26	0
200	2001	68	1100	7	0	2	0	0.631	16	8.36	0
200	2001	68	1130	7	0	2	0	0.629	16	8.48	0
200	2001	68	1200	7	0	2	0	0.629	16	8.63	0
200	2001	68	1230	7	0	2	0	0.629	16	8.82	0
200	2001	68	1300	7	0	2	0	0.628	15	9.02	0
200	2001	68	1330	7	0	2	0	0.629	15	9.25	0
200	2001	68	1400	7	0	2	0	0.631	16	9.4	0
200	2001	68	1430	7	0	2	0	0.628	17	9.55	0
200	2001	68	1500	7	0	2	0	0.626	17	9.65	0
200	2001	68	1530	7	0	2	0	0.626	15	9.69	0
200	2001	68	1600	7	0	2	0	0.624	16	9.69	0
200	2001	68	1630	7	0	2	0	0.622	16	9.63	0
200	2001	68	1700	7	0	2	0	0.622	15	9.57	0
200	2001	68	1730	7	0	2	0	0.62	14	9.5	0
200	2001	68	1800	7	0	2	0	0.618	16	9.41	0
200	2001	68	1830	7	0	2	0	0.616	14	9.31	0
200	2001	68	1900	7	0	2	0	0.616	14	9.22	0
200	2001	68	1930	7	0	2	0	0.616	16	9.14	0
200	2001	68	2000	7	14	1	1	0.613	19	9.06	0
200	2001	68	2030	7	0	1	0	0.612	15	8.97	0
200	2001	68	2100	7	0	2	0	0.61	14	8.87	0
200	2001	68	2130	7	0	2	0	0.61	14	8.78	0
200	2001	68	2200	7	0	2	0	0.61	16	8.69	0
200	2001	68	2230	7	0	2	0	0.609	15	8.6	0
200	2001	68	2300	7	0	2	0	0.606	14	8.5	0
200	2001	68	2330	7	0	2	0	0.605	14	8.4	0
200	2001	68	2400	7	0	2	0	0.604	14	8.31	0
200	2001	69	30	7	0	2	0	0.604	14	8.22	0
200	2001	69	100	7	0	2	0	0.603	14	8.11	0
200	2001	69	130	7	0	2	0	0.602	14	8.02	0
200	2001	69	200	7	0	2	0	0.6	15	7.91	0
200	2001	69	230	7	0	2	0	0.599	15	7.83	0
200	2001	69	300	7	0	2	0	0.598	14	7.74	0
200	2001	69	330	7	0	2	0	0.598	14	7.64	0
200	2001	69	400	7	0	2	0	0.598	18	7.56	0
200	2001	69	430	7	0	2	0	0.597	13	7.47	0
200	2001	69	500	7	0	2	0	0.596	13	7.41	0
200	2001	69	530	7	0	2	0	0.595	15	7.31	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	69	600	7	0	2	0	0.593	13	7.22	0
200	2001	69	630	7	0	2	0	0.592	14	7.14	0
200	2001	69	700	7	0	2	0	0.592	14	7.07	0
200	2001	69	730	7	0	2	0	0.592	14	6.984	0
200	2001	69	800	7	0	2	0	0.592	13	6.927	0
200	2001	69	830	7	0	2	0	0.592	14	6.869	0
200	2001	69	900	7	0	2	0	0.592	14	6.831	0
200	2001	69	930	7	0	2	0	0.592	13	6.811	0
200	2001	69	1000	7	0	2	0	0.588	14	6.888	0
200	2001	69	1030	7	0	2	0	0.586	14	6.987	0
200	2001	69	1100	7	0	2	0	0.586	14	7.15	0
200	2001	69	1130	7	0	2	0	0.587	13	7.34	0
200	2001	69	1200	7	0	2	0	0.586	14	7.57	0
200	2001	69	1230	7	0	2	0	0.585	14	7.82	0
200	2001	69	1300	7	0	2	0	0.587	14	8.08	0
200	2001	69	1330	7	0	2	0	0.588	13	8.36	0
200	2001	69	1400	7	0	2	0	0.587	15	8.63	0
200	2001	69	1430	7	0	2	0	0.585	14	8.87	0
200	2001	69	1500	7	0	2	0	0.584	15	9.06	0
200	2001	69	1530	7	0	2	0	0.582	16	9.19	0
200	2001	69	1600	7	0	2	0	0.583	17	9.23	0
200	2001	69	1630	7	0	2	0	0.581	17	9.25	0
200	2001	69	1700	7	0	2	0	0.58	16	9.21	0
200	2001	69	1730	7	0	2	0	0.578	14	9.16	0
200	2001	69	1800	7	0	2	0	0.576	14	9.1	0
200	2001	69	1830	7	0	2	0	0.576	15	8.99	0
200	2001	69	1900	7	0	2	0	0.575	16	8.87	0
200	2001	69	1930	7	0	2	0	0.573	14	8.73	0
200	2001	69	2000	7	0	2	0	0.572	13	8.59	0
200	2001	69	2030	7	0	2	0	0.571	13	8.47	0
200	2001	69	2100	7	0	2	0	0.57	13	8.35	0
200	2001	69	2130	7	0	2	0	0.568	13	8.24	0
200	2001	69	2200	7	0	2	0	0.567	13	8.14	0
200	2001	69	2230	7	0	2	0	0.567	14	8.03	0
200	2001	69	2300	7	0	2	0	0.565	13	7.96	0
200	2001	69	2330	7	0	2	0	0.566	14	7.87	0
200	2001	69	2400	7	0	2	0	0.565	14	7.81	0
200	2001	70	30	7	0	2	0	0.561	13	7.73	0
200	2001	70	100	7	0	2	0	0.561	13	7.65	0
200	2001	70	130	7	0	2	0	0.56	12	7.57	0
200	2001	70	200	7	0	2	0	0.56	12	7.49	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	70	230	7	0	2	0	0.56	13	7.42	0
200	2001	70	300	7	0	2	0	0.559	13	7.34	0
200	2001	70	330	7	0	2	0	0.558	12	7.27	0
200	2001	70	400	7	0	2	0	0.556	13	7.2	0
200	2001	70	430	7	0	2	0	0.555	12	7.14	0
200	2001	70	500	7	0	2	0	0.555	12	7.08	0
200	2001	70	530	7	0	2	0	0.555	13	7.02	0
200	2001	70	600	7	0	2	0	0.554	12	6.955	0
200	2001	70	630	7	0	2	0	0.553	13	6.926	0
200	2001	70	700	7	0	2	0	0.553	12	6.859	0
200	2001	70	730	7	0	2	0	0.553	12	6.803	0
200	2001	70	800	7	0	2	0	0.553	12	6.781	0
200	2001	70	830	7	0	2	0	0.553	12	6.753	0
200	2001	70	900	7	0	2	0	0.553	13	6.744	0
200	2001	70	930	7	0	2	0	0.55	13	6.772	0
200	2001	70	1000	7	0	2	0	0.547	13	6.828	0
200	2001	70	1030	7	0	2	0	0.547	12	6.92	0
200	2001	70	1100	7	0	2	0	0.547	13	7.09	0
200	2001	70	1130	7	0	2	0	0.547	14	7.33	0
200	2001	70	1200	7	0	2	0	0.546	12	7.57	0
200	2001	70	1230	7	0	2	0	0.546	14	7.86	0
200	2001	70	1300	7	0	2	0	0.546	12	8.14	0
200	2001	70	1330	7	0	2	0	0.546	12	8.4	0
200	2001	70	1400	7	0	2	0	0.547	13	8.67	0
200	2001	70	1430	7	0	2	0	0.546	13	8.9	0
200	2001	70	1500	7	0	2	0	0.544	13	9.11	0
200	2001	70	1530	7	0	2	0	0.544	14	9.26	0
200	2001	70	1600	7	0	2	0	0.543	13	9.34	0
200	2001	70	1630	7	0	2	0	0.543	16	9.35	0
200	2001	70	1700	7	0	2	0	0.541	13	9.34	0
200	2001	70	1730	7	0	2	0	0.541	15	9.31	0
200	2001	70	1800	7	0	2	0	0.539	12	9.23	0
200	2001	70	1830	7	0	2	0	0.538	13	9.16	0
200	2001	70	1900	7	0	2	0	0.539	13	9.03	0
200	2001	70	1930	7	0	2	0	0.538	13	8.93	0
200	2001	70	2000	7	0	2	0	0.535	12	8.79	0
200	2001	70	2030	7	0	2	0	0.534	12	8.67	0
200	2001	70	2100	7	0	2	0	0.533	12	8.51	0
200	2001	70	2130	7	0	2	0	0.533	14	8.39	0
200	2001	70	2200	7	0	2	0	0.531	12	8.25	0
200	2001	70	2230	7	0	2	0	0.529	12	8.17	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	70	2300	7	0	2	0	0.528	11	8.07	0
200	2001	70	2330	7	0	2	0	0.527	13	7.97	0
200	2001	70	2400	7	0	2	0	0.527	12	7.89	0
200	2001	71	30	7	0	2	0	0.526	12	7.81	0
200	2001	71	100	7	0	2	0	0.524	12	7.74	0
200	2001	71	130	7	0	2	0	0.523	12	7.67	0
200	2001	71	200	7	0	2	0	0.522	13	7.61	0
200	2001	71	230	7	0	2	0	0.522	12	7.54	0
200	2001	71	300	7	0	2	0	0.521	14	7.46	0
200	2001	71	330	7	0	2	0	0.521	12	7.4	0
200	2001	71	400	7	0	2	0	0.521	13	7.32	0
200	2001	71	430	7	0	2	0	0.521	12	7.24	0
200	2001	71	500	7	0	2	0	0.521	13	7.17	0
200	2001	71	530	7	0	2	0	0.521	12	7.11	0
200	2001	71	600	7	0	2	0	0.521	12	7.05	0
200	2001	71	630	7	0	2	0	0.522	12	6.983	0
200	2001	71	700	7	0	2	0	0.524	12	6.926	0
200	2001	71	730	7	0	2	0	0.527	13	6.869	0
200	2001	71	800	7	0	2	0	0.529	12	6.831	0
200	2001	71	830	7	0	2	0	0.531	12	6.792	0
200	2001	71	900	7	0	2	0	0.534	13	6.773	0
200	2001	71	930	7	0	2	0	0.531	13	6.789	0
200	2001	71	1000	7	0	2	0	0.528	13	6.855	0
200	2001	71	1030	7	0	2	0	0.523	14	6.958	0
200	2001	71	1100	7	0	2	0	0.52	13	7.16	0
200	2001	71	1130	7	0	2	0	0.515	14	7.42	0
200	2001	71	1200	7	0	2	0	0.513	13	7.69	0
200	2001	71	1230	7	0	2	0	0.513	13	8.01	0
200	2001	71	1300	7	0	2	0	0.514	14	8.31	0
200	2001	71	1330	7	0	2	0	0.512	14	8.63	0
200	2001	71	1400	7	0	2	0	0.512	14	8.97	0
200	2001	71	1430	7	0	2	0	0.511	14	9.25	0
200	2001	71	1500	7	0	2	0	0.512	8	9.5	0
200	2001	71	1645	8	0	3	0	0.442	9	10.37	0.03
200	2001	71	1700	8	0	2	0	0.512	7	10.32	0
200	2001	71	1715	8	0	2	0	0.511	8	10.27	0
200	2001	71	1730	8	0	2	0	0.511	7	10.19	0
200	2001	71	1745	8	0	2	0	0.507	8	10.1	0
200	2001	71	1800	8	0	2	0	0.509	10	9.98	0
200	2001	71	1815	8	0	2	0	0.508	8	9.87	0
200	2001	71	1830	8	0	2	0	0.506	7	9.79	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	71	1845	8	0	2	0	0.507	9	9.66	0
200	2001	71	1900	8	0	2	0	0.507	7	9.56	0
200	2001	71	1915	8	0	2	0	0.507	7	9.47	0
200	2001	71	1930	8	0	2	0	0.506	8	9.39	0
200	2001	71	1945	8	0	2	0	0.506	7	9.29	0
200	2001	71	2000	8	0	2	0	0.503	7	9.21	0
200	2001	71	2015	8	0	2	0	0.503	8	9.12	0
200	2001	71	2030	8	0	2	0	0.502	8	9.03	0
200	2001	71	2045	8	0	2	0	0.502	7	8.93	0
200	2001	71	2100	8	0	2	0	0.501	8	8.84	0
200	2001	71	2115	8	0	2	0	0.501	7	8.73	0
200	2001	71	2130	8	0	2	0	0.501	7	8.65	0
200	2001	71	2145	8	0	2	0	0.5	6	8.55	0
200	2001	71	2200	8	0	2	0	0.501	8	8.48	0
200	2001	71	2215	8	0	2	0	0.5	7	8.43	0
200	2001	71	2230	8	0	2	0	0.499	8	8.37	0
200	2001	71	2245	8	0	2	0	0.498	7	8.31	0
200	2001	71	2300	8	0	2	0	0.499	8	8.26	0
200	2001	71	2315	8	0	2	0	0.499	8	8.24	0
200	2001	71	2330	8	0	2	0	0.496	7	8.21	0
200	2001	71	2345	8	0	2	0	0.5	8	8.2	0
200	2001	71	2400	8	0	2	0	0.496	8	8.16	0
200	2001	72	15	8	0	2	0	0.496	6	8.16	0
200	2001	72	30	8	0	2	0	0.497	8	8.14	0
200	2001	72	45	8	0	2	0	0.497	7	8.14	0
200	2001	72	100	8	0	2	0	0.498	8	8.14	0
200	2001	72	115	8	0	2	0	0.495	7	8.13	0
200	2001	72	130	8	0	2	0	0.495	8	8.15	0
200	2001	72	145	8	0	2	0	0.495	6	8.13	0
200	2001	72	200	8	0	2	0	0.495	7	8.13	0
200	2001	72	215	8	0	2	0	0.495	7	8.13	0
200	2001	72	230	8	0	2	0	0.494	7	8.13	0
200	2001	72	245	8	0	2	0	0.494	7	8.12	0
200	2001	72	300	8	0	2	0	0.492	8	8.13	0
200	2001	72	315	8	0	2	0	0.492	7	8.12	0
200	2001	72	330	8	0	2	0	0.491	8	8.13	0
200	2001	72	345	8	0	2	0	0.489	8	8.14	0
200	2001	72	400	8	0	2	0	0.489	7	8.13	0
200	2001	72	415	8	0	2	0	0.489	6	8.14	0
200	2001	72	430	8	0	2	0	0.489	8	8.11	0
200	2001	72	445	8	0	2	0	0.491	8	8.13	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	72	500	8	0	2	0	0.49	9	8.12	0
200	2001	72	515	8	0	2	0	0.489	8	8.11	0
200	2001	72	530	8	0	2	0	0.49	6	8.12	0
200	2001	72	545	8	0	2	0	0.49	8	8.11	0
200	2001	72	600	8	0	2	0	0.489	9	8.11	0
200	2001	72	615	8	0	2	0	0.49	6	8.11	0
200	2001	72	630	8	0	2	0	0.489	6	8.08	0
200	2001	72	645	8	0	2	0	0.489	7	8.08	0
200	2001	72	700	8	0	2	0	0.489	7	8.06	0
200	2001	72	715	8	0	2	0	0.489	6	8.08	0
200	2001	72	730	8	0	2	0	0.489	7	8.1	0
200	2001	72	745	8	0	2	0	0.489	7	8.1	0
200	2001	72	800	8	0	2	0	0.489	8	8.12	0
200	2001	72	815	8	0	2	0	0.492	6	8.14	0
200	2001	72	830	8	0	2	0	0.493	6	8.15	0
200	2001	72	845	8	0	2	0	0.489	7	8.18	0
200	2001	72	900	8	0	2	0	0.49	6	8.19	0
200	2001	72	915	8	0	2	0	0.488	6	8.25	0
200	2001	72	930	8	0	2	0	0.487	8	8.31	0
200	2001	72	945	8	0	2	0	0.485	6	8.39	0
200	2001	72	1000	8	0	2	0	0.485	6	8.49	0
200	2001	72	1015	8	0	2	0	0.484	7	8.6	0
200	2001	72	1030	8	0	2	0	0.483	8	8.76	0
200	2001	72	1045	8	0	2	0	0.486	8	8.94	0
200	2001	72	1100	8	0	2	0	0.485	7	9.12	0
200	2001	72	1115	8	0	2	0	0.484	8	9.29	0
200	2001	72	1130	8	0	2	0	0.487	7	9.49	0
200	2001	72	1145	8	0	2	0	0.486	7	9.68	0
200	2001	72	1200	8	0	2	0	0.484	7	9.78	0
200	2001	72	1215	8	0	2	0	0.484	8	9.85	0
200	2001	72	1230	8	0	2	0	0.482	7	9.86	0
200	2001	72	1245	8	0	2	0	0.48	6	9.87	0
200	2001	72	1300	8	0	2	0	0.48	7	9.85	0
200	2001	72	1315	8	0	2	0	0.481	7	9.88	0
200	2001	72	1330	8	0	2	0	0.48	8	9.89	0
200	2001	72	1345	8	0	2	0	0.481	6	9.93	0
200	2001	72	1400	8	0	2	0	0.481	7	9.93	0
200	2001	72	1415	8	0	2	0	0.482	6	9.96	0
200	2001	72	1430	8	0	2	0	0.481	8	9.96	0
200	2001	72	1445	8	0	2	0	0.481	8	10	0
200	2001	72	1500	8	0	2	0	0.481	7	10.04	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	72	1515	8	0	2	0	0.481	8	10.09	0
200	2001	72	1530	8	0	2	0	0.481	7	10.11	0
200	2001	72	1545	8	0	2	0	0.481	8	10.12	0
200	2001	72	1600	8	0	2	0	0.48	8	10.13	0
200	2001	72	1615	8	0	2	0	0.48	8	10.08	0
200	2001	72	1630	8	0	2	0	0.481	8	10.05	0
200	2001	72	1645	8	0	2	0	0.48	8	10.04	0
200	2001	72	1700	8	0	2	0	0.479	6	10.01	0
200	2001	72	1715	8	0	2	0	0.479	6	10	0
200	2001	72	1730	8	0	2	0	0.478	7	9.96	0
200	2001	72	1745	8	0	2	0	0.477	6	9.92	0
200	2001	72	1800	8	0	2	0	0.477	8	9.89	0
200	2001	72	1815	8	0	2	0	0.475	8	9.85	0
200	2001	72	1830	8	0	2	0	0.476	8	9.78	0
200	2001	72	1845	8	0	2	0	0.476	6	9.71	0
200	2001	72	1900	8	0	2	0	0.476	6	9.65	0
200	2001	72	1915	8	0	2	0	0.475	8	9.59	0
200	2001	72	1930	8	0	2	0	0.475	7	9.53	0
200	2001	72	1945	8	0	2	0	0.475	8	9.48	0
200	2001	72	2000	8	0	2	0	0.474	7	9.46	0
200	2001	72	2015	8	0	2	0	0.475	7	9.39	0
200	2001	72	2030	8	0	2	0	0.474	7	9.36	0
200	2001	72	2045	8	0	2	0	0.471	7	9.31	0
200	2001	72	2100	8	0	2	0	0.473	7	9.25	0
200	2001	72	2115	8	0	2	0	0.472	6	9.21	0
200	2001	72	2130	8	0	2	0	0.473	8	9.18	0
200	2001	72	2145	8	0	2	0	0.473	6	9.15	0
200	2001	72	2200	8	0	2	0	0.472	7	9.12	0
200	2001	72	2215	8	0	2	0	0.471	7	9.09	0
200	2001	72	2230	8	0	2	0	0.472	6	9.05	0
200	2001	72	2245	8	0	2	0	0.471	7	9.03	0
200	2001	72	2300	8	0	2	0	0.471	6	8.99	0
200	2001	72	2315	8	0	2	0	0.471	7	8.95	0
200	2001	72	2330	8	0	2	0	0.471	7	8.91	0
200	2001	72	2345	8	0	2	0	0.47	7	8.89	0
200	2001	72	2400	8	0	2	0	0.47	8	8.86	0
200	2001	73	15	8	0	2	0	0.47	7	8.84	0
200	2001	73	30	8	0	2	0	0.47	6	8.82	0
200	2001	73	45	8	0	2	0	0.47	7	8.78	0
200	2001	73	100	8	0	2	0	0.47	6	8.76	0
200	2001	73	115	8	0	2	0	0.47	6	8.75	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	73	130	8	0	2	0	0.469	8	8.72	0
200	2001	73	145	8	0	2	0	0.471	8	8.71	0
200	2001	73	200	8	0	2	0	0.47	6	8.67	0
200	2001	73	215	8	0	2	0	0.471	7	8.63	0
200	2001	73	230	8	0	2	0	0.471	6	8.59	0
200	2001	73	245	8	0	2	0	0.47	6	8.58	0
200	2001	73	300	8	0	2	0	0.471	7	8.54	0
200	2001	73	315	8	0	2	0	0.473	7	8.49	0
200	2001	73	330	8	0	2	0	0.475	8	8.46	0
200	2001	73	345	8	0	2	0	0.476	6	8.42	0
200	2001	73	400	8	0	2	0	0.473	6	8.36	0
200	2001	73	415	8	0	2	0	0.476	6	8.34	0
200	2001	73	430	8	0	2	0	0.476	6	8.3	0
200	2001	73	445	8	0	2	0	0.477	7	8.25	0
200	2001	73	500	8	0	2	0	0.477	6	8.19	0
200	2001	73	515	8	0	2	0	0.477	6	8.17	0
200	2001	73	530	8	0	2	0	0.479	6	8.14	0
200	2001	73	545	8	0	2	0	0.481	6	8.08	0
200	2001	73	600	8	0	2	0	0.482	7	8.04	0
200	2001	73	615	8	0	2	0	0.484	6	8.03	0
200	2001	73	630	8	0	2	0	0.485	8	8	0
200	2001	73	645	8	0	2	0	0.489	6	7.96	0
200	2001	73	700	8	0	2	0	0.489	6	7.94	0
200	2001	73	715	8	0	2	0	0.49	6	7.9	0
200	2001	73	730	8	0	2	0	0.493	6	7.87	0
200	2001	73	745	8	0	2	0	0.495	5	7.85	0
200	2001	73	800	8	0	2	0	0.494	6	7.79	0
200	2001	73	815	8	0	2	0	0.495	8	7.76	0
200	2001	73	830	8	0	2	0	0.495	7	7.74	0
200	2001	73	845	8	0	2	0	0.494	6	7.77	0
200	2001	73	900	8	0	2	0	0.493	7	7.76	0
200	2001	73	915	8	0	2	0	0.491	6	7.81	0
200	2001	73	930	8	0	2	0	0.483	8	7.88	0
200	2001	73	945	8	0	2	0	0.481	7	7.92	0
200	2001	73	1000	8	0	2	0	0.476	7	8.06	0
200	2001	73	1015	8	0	2	0	0.472	6	8.17	0
200	2001	73	1030	8	0	2	0	0.468	6	8.33	0
200	2001	73	1045	8	0	2	0	0.467	6	8.49	0
200	2001	73	1100	8	0	2	0	0.463	6	8.68	0
200	2001	73	1115	8	0	2	0	0.463	6	8.86	0
200	2001	73	1130	8	0	2	0	0.463	6	9.06	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	73	1145	8	0	2	0	0.462	6	9.27	0
200	2001	73	1200	8	0	2	0	0.463	6	9.42	0
200	2001	73	1215	8	0	2	0	0.463	6	9.57	0
200	2001	73	1230	8	0	2	0	0.463	7	9.76	0
200	2001	73	1245	8	0	2	0	0.462	6	9.94	0
200	2001	73	1300	8	0	2	0	0.462	6	10.12	0
200	2001	73	1315	8	0	2	0	0.461	7	10.3	0
200	2001	73	1330	8	0	2	0	0.463	7	10.41	0
200	2001	73	1345	8	0	2	0	0.456	7	10.49	0
200	2001	73	1400	8	0	2	0	0.456	7	10.6	0
200	2001	73	1415	8	0	2	0	0.459	7	10.68	0
200	2001	73	1430	8	0	2	0	0.462	7	10.73	0
200	2001	73	1445	8	0	2	0	0.461	7	10.73	0
200	2001	73	1500	8	0	2	0	0.461	7	10.77	0
200	2001	73	1515	8	0	2	0	0.46	7	10.83	0
200	2001	73	1530	8	0	2	0	0.462	7	10.83	0
200	2001	73	1545	8	0	2	0	0.463	7	10.79	0
200	2001	73	1600	8	0	2	0	0.46	7	10.72	0
200	2001	73	1615	8	0	2	0	0.463	9	10.63	0
200	2001	73	1630	8	0	2	0	0.461	9	10.55	0
200	2001	73	1645	8	0	2	0	0.459	9	10.47	0
200	2001	73	1700	8	0	2	0	0.46	8	10.4	0
200	2001	73	1715	8	0	2	0	0.459	7	10.33	0
200	2001	73	1730	8	0	2	0	0.459	7	10.27	0
200	2001	73	1745	8	0	2	0	0.459	6	10.2	0
200	2001	73	1800	8	0	2	0	0.459	7	10.11	0
200	2001	73	1815	8	0	2	0	0.456	7	10.02	0
200	2001	73	1830	8	0	2	0	0.456	6	9.91	0
200	2001	73	1845	8	0	2	0	0.456	8	9.82	0
200	2001	73	1900	8	0	2	0	0.456	6	9.71	0
200	2001	73	1915	8	0	2	0	0.455	6	9.6	0
200	2001	73	1930	8	0	2	0	0.457	8	9.48	0
200	2001	73	1945	8	0	2	0	0.456	6	9.37	0
200	2001	73	2000	8	0	2	0	0.457	7	9.28	0
200	2001	73	2015	8	0	2	0	0.456	6	9.18	0
200	2001	73	2030	8	0	2	0	0.457	6	9.1	0
200	2001	73	2045	8	0	2	0	0.456	6	9.04	0
200	2001	73	2100	8	0	2	0	0.456	7	8.95	0
200	2001	73	2115	8	0	2	0	0.457	7	8.86	0
200	2001	73	2130	8	0	2	0	0.456	7	8.81	0
200	2001	73	2145	8	0	2	0	0.457	8	8.75	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	73	2200	8	0	2	0	0.455	6	8.68	0
200	2001	73	2215	8	0	2	0	0.457	6	8.63	0
200	2001	73	2230	8	0	2	0	0.458	7	8.57	0
200	2001	73	2245	8	0	2	0	0.457	7	8.53	0
200	2001	73	2300	8	0	2	0	0.455	6	8.46	0
200	2001	73	2315	8	0	2	0	0.454	7	8.39	0
200	2001	73	2330	8	0	2	0	0.456	6	8.35	0
200	2001	73	2345	8	0	2	0	0.456	8	8.29	0
200	2001	73	2400	8	0	2	0	0.455	6	8.27	0
200	2001	74	15	8	0	2	0	0.457	6	8.24	0
200	2001	74	30	8	0	2	0	0.456	7	8.2	0
200	2001	74	45	8	0	2	0	0.452	6	8.18	0
200	2001	74	100	8	0	2	0	0.452	7	8.14	0
200	2001	74	115	8	0	2	0	0.454	6	8.12	0
200	2001	74	130	8	0	2	0	0.453	7	8.09	0
200	2001	74	145	8	0	2	0	0.454	6	8.08	0
200	2001	74	200	8	0	2	0	0.454	7	8.06	0
200	2001	74	215	8	0	2	0	0.454	7	8.05	0
200	2001	74	230	8	0	2	0	0.451	6	8.04	0
200	2001	74	245	8	0	2	0	0.451	6	8.02	0
200	2001	74	300	8	0	2	0	0.451	6	8.02	0
200	2001	74	315	8	0	2	0	0.454	6	8.02	0
200	2001	74	330	8	0	2	0	0.449	6	8	0
200	2001	74	345	8	0	2	0	0.45	6	8	0
200	2001	74	400	8	0	2	0	0.449	8	8	0
200	2001	74	415	8	0	2	0	0.448	7	7.97	0
200	2001	74	430	8	0	2	0	0.45	6	7.98	0
200	2001	74	445	8	0	2	0	0.449	8	7.98	0
200	2001	74	500	8	0	2	0	0.45	8	7.97	0
200	2001	74	515	8	0	2	0	0.449	7	7.96	0
200	2001	74	530	8	0	2	0	0.45	7	7.96	0
200	2001	74	545	8	0	2	0	0.45	6	7.96	0
200	2001	74	600	8	0	2	0	0.45	6	7.96	0
200	2001	74	615	8	0	2	0	0.449	6	7.94	0
200	2001	74	630	8	0	2	0	0.45	8	7.95	0
200	2001	74	645	8	0	2	0	0.451	7	7.94	0
200	2001	74	700	8	0	2	0	0.454	7	7.94	0
200	2001	74	715	8	0	2	0	0.453	7	7.93	0
200	2001	74	730	8	0	2	0	0.457	6	7.94	0
200	2001	74	745	8	0	2	0	0.455	6	7.94	0
200	2001	74	800	8	0	2	0	0.452	6	7.93	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	74	815	8	0	2	0	0.45	7	7.96	0
200	2001	74	830	8	0	2	0	0.449	6	7.98	0
200	2001	74	845	8	0	2	0	0.449	6	8.02	0
200	2001	74	900	8	0	2	0	0.448	6	8.08	0
200	2001	74	915	8	0	2	0	0.445	7	8.13	0
200	2001	74	930	8	0	2	0	0.446	6	8.19	0
200	2001	74	945	8	0	2	0	0.444	6	8.25	0
200	2001	74	1000	8	0	2	0	0.446	6	8.33	0
200	2001	74	1015	8	0	2	0	0.449	6	8.41	0
200	2001	74	1030	8	0	2	0	0.446	7	8.48	0
200	2001	74	1045	8	0	2	0	0.449	8	8.53	0
200	2001	74	1100	8	0	2	0	0.448	8	8.61	0
200	2001	74	1115	8	0	2	0	0.449	7	8.64	0
200	2001	74	1130	8	0	2	0	0.448	8	8.69	0
200	2001	74	1145	8	0	2	0	0.45	6	8.73	0
200	2001	74	1200	8	0	2	0	0.45	8	8.78	0
200	2001	74	1215	8	0	2	0	0.449	8	8.83	0
200	2001	74	1230	8	0	2	0	0.448	8	8.91	0
200	2001	74	1245	8	0	2	0	0.446	7	9.01	0
200	2001	74	1300	8	0	2	0	0.447	6	9.08	0
200	2001	74	1315	8	0	2	0	0.445	7	9.17	0
200	2001	74	1330	8	0	2	0	0.447	8	9.24	0
200	2001	74	1345	8	0	2	0	0.447	7	9.32	0
200	2001	74	1400	8	0	2	0	0.445	7	9.45	0
200	2001	74	1415	8	0	2	0	0.447	8	9.53	0
200	2001	74	1430	8	0	2	0	0.444	8	9.58	0
200	2001	74	1445	8	0	2	0	0.445	8	9.6	0
200	2001	74	1500	8	0	2	0	0.447	9	9.62	0
200	2001	74	1515	8	0	2	0	0.448	8	9.63	0
200	2001	74	1530	8	0	2	0	0.446	9	9.66	0
200	2001	74	1545	8	0	2	0	0.444	8	9.72	0
200	2001	74	1600	8	0	2	0	0.444	8	9.73	0
200	2001	74	1615	8	0	2	0	0.447	9	9.73	0
200	2001	74	1630	8	0	2	0	0.445	8	9.72	0
200	2001	74	1645	8	0	2	0	0.447	7	9.71	0
200	2001	74	1700	8	0	2	0	0.444	8	9.7	0
200	2001	74	1715	8	0	2	0	0.447	6	9.67	0
200	2001	74	1730	8	0	2	0	0.445	6	9.64	0
200	2001	74	1745	8	0	2	0	0.445	8	9.63	0
200	2001	74	1800	8	0	2	0	0.444	6	9.58	0
200	2001	74	1815	8	0	2	0	0.446	7	9.54	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	74	1830	8	0	2	0	0.447	7	9.49	0
200	2001	74	1845	8	0	2	0	0.444	8	9.41	0
200	2001	74	1900	8	0	2	0	0.444	6	9.36	0
200	2001	74	1915	8	0	2	0	0.444	6	9.31	0
200	2001	74	1930	8	0	2	0	0.448	7	9.3	0
200	2001	74	1945	8	0	2	0	0.445	6	9.24	0
200	2001	74	2000	8	0	2	0	0.444	6	9.22	0
200	2001	74	2015	8	0	2	0	0.445	7	9.16	0
200	2001	74	2030	8	0	2	0	0.445	6	9.14	0
200	2001	74	2045	8	0	2	0	0.446	6	9.12	0
200	2001	74	2100	8	0	2	0	0.445	6	9.08	0
200	2001	74	2115	8	0	2	0	0.446	8	9.04	0
200	2001	74	2130	8	0	2	0	0.445	6	9.01	0.01
200	2001	74	2145	8	0	2	0	0.445	6	9	0
200	2001	74	2200	8	0	2	0	0.446	7	8.98	0
200	2001	74	2215	8	0	2	0	0.446	8	8.96	0.01
200	2001	74	2230	8	0	2	0	0.445	6	8.94	0.01
200	2001	74	2245	8	0	2	0	0.448	8	8.91	0
200	2001	74	2300	8	0	2	0	0.446	6	8.89	0
200	2001	74	2315	8	0	2	0	0.445	7	8.88	0
200	2001	74	2330	8	0	2	0	0.447	6	8.84	0
200	2001	74	2345	8	0	2	0	0.448	8	8.83	0
200	2001	74	2400	8	0	2	0	0.446	8	8.81	0
200	2001	75	15	8	0	2	0	0.447	9	8.77	0
200	2001	75	30	8	0	2	0	0.445	6	8.77	0
200	2001	75	45	8	0	2	0	0.446	6	8.76	0
200	2001	75	100	8	0	2	0	0.447	6	8.73	0
200	2001	75	115	8	0	2	0	0.446	6	8.7	0
200	2001	75	130	8	0	2	0	0.445	6	8.7	0
200	2001	75	145	8	0	2	0	0.445	7	8.69	0
200	2001	75	200	8	0	2	0	0.445	6	8.67	0
200	2001	75	215	8	0	2	0	0.445	5	8.65	0
200	2001	75	230	8	0	2	0	0.444	6	8.64	0
200	2001	75	245	8	0	2	0	0.445	7	8.61	0
200	2001	75	300	8	0	2	0	0.446	6	8.58	0
200	2001	75	315	8	0	2	0	0.447	7	8.54	0
200	2001	75	330	8	0	2	0	0.445	7	8.54	0
200	2001	75	345	8	0	2	0	0.444	6	8.48	0
200	2001	75	400	8	0	2	0	0.445	6	8.49	0
200	2001	75	415	8	0	2	0	0.444	6	8.46	0
200	2001	75	430	8	0	2	0	0.445	6	8.44	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	75	445	8	0	2	0	0.444	6	8.42	0
200	2001	75	500	8	0	2	0	0.446	6	8.4	0
200	2001	75	515	8	0	2	0	0.445	6	8.37	0
200	2001	75	530	8	0	2	0	0.444	6	8.34	0
200	2001	75	545	8	0	2	0	0.444	7	8.31	0
200	2001	75	600	8	0	2	0	0.444	6	8.27	0
200	2001	75	615	8	0	2	0	0.444	6	8.25	0
200	2001	75	630	8	0	2	0	0.444	6	8.21	0
200	2001	75	645	8	0	2	0	0.444	6	8.17	0
200	2001	75	700	8	0	2	0	0.444	6	8.16	0
200	2001	75	715	8	0	2	0	0.444	8	8.15	0
200	2001	75	730	8	0	2	0	0.444	5	8.13	0
200	2001	75	745	8	0	2	0	0.445	7	8.09	0
200	2001	75	800	8	0	2	0	0.444	7	8.04	0
200	2001	75	815	8	0	2	0	0.444	6	8.02	0
200	2001	75	830	8	0	2	0	0.445	6	8	0
200	2001	75	845	8	0	2	0	0.444	6	8.02	0
200	2001	75	900	8	0	2	0	0.444	6	8.03	0
200	2001	75	915	8	0	2	0	0.444	7	8.11	0
200	2001	75	930	8	0	2	0	0.444	7	8.22	0
200	2001	75	945	8	0	2	0	0.444	7	8.3	0
200	2001	75	1000	8	0	2	0	0.444	6	8.32	0
200	2001	75	1015	8	0	2	0	0.444	7	8.5	0
200	2001	75	1030	8	0	2	0	0.444	7	8.69	0
200	2001	75	1045	8	0	2	0	0.444	6	8.8	0
200	2001	75	1100	8	0	2	0	0.444	6	8.82	0
200	2001	75	1115	8	0	2	0	0.444	6	9.01	0
200	2001	75	1130	8	0	2	0	0.445	6	9.22	0
200	2001	75	1145	8	0	2	0	0.443	7	9.38	0
200	2001	75	1200	8	0	2	0	0.443	7	9.54	0
200	2001	75	1215	8	0	2	0	0.444	6	9.73	0
200	2001	75	1230	8	0	2	0	0.444	7	9.87	0
200	2001	75	1245	8	0	2	0	0.443	7	10.09	0
200	2001	75	1300	8	0	2	0	0.444	7	10.3	0
200	2001	75	1315	8	0	2	0	0.444	7	10.47	0
200	2001	75	1330	8	0	2	0	0.445	6	10.66	0
200	2001	75	1345	8	0	2	0	0.443	7	10.91	0
200	2001	75	1400	8	0	2	0	0.445	7	11.01	0
200	2001	75	1415	8	0	2	0	0.447	8	11.14	0
200	2001	75	1430	8	0	2	0	0.445	7	11.26	0
200	2001	75	1445	8	0	2	0	0.446	8	11.21	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	75	1500	8	0	2	0	0.445	7	11.07	0
200	2001	75	1515	8	0	2	0	0.445	7	11.11	0
200	2001	75	1530	8	0	2	0	0.444	8	11.09	0
200	2001	75	1545	8	0	2	0	0.443	7	11.07	0
200	2001	75	1600	8	0	2	0	0.444	7	11.03	0
200	2001	75	1615	8	0	2	0	0.443	8	10.97	0
200	2001	75	1630	8	0	2	0	0.443	7	10.94	0
200	2001	75	1645	8	0	2	0	0.442	6	10.88	0
200	2001	75	1700	8	0	2	0	0.442	6	10.85	0
200	2001	75	1715	8	0	2	0	0.44	7	10.78	0
200	2001	75	1730	8	0	2	0	0.441	7	10.69	0
200	2001	75	1745	8	0	2	0	0.442	6	10.61	0
200	2001	75	1800	8	0	2	0	0.442	6	10.52	0
200	2001	75	1815	8	0	2	0	0.441	6	10.45	0
200	2001	75	1830	8	0	2	0	0.44	7	10.36	0
200	2001	75	1845	8	0	2	0	0.439	6	10.27	0
200	2001	75	1900	8	0	1	0	0.439	11	10.18	0
200	2001	75	1915	8	0	1	0	0.438	6	10.1	0
200	2001	75	1930	8	0	2	0	0.439	5	10.02	0
200	2001	75	1945	8	0	2	0	0.437	6	9.95	0
200	2001	75	2000	8	0	2	0	0.438	6	9.88	0
200	2001	75	2015	8	0	2	0	0.438	6	9.82	0
200	2001	75	2030	8	0	2	0	0.437	5	9.73	0
200	2001	75	2045	8	0	2	0	0.437	5	9.65	0
200	2001	75	2100	8	0	2	0	0.437	5	9.59	0
200	2001	75	2115	8	0	2	0	0.437	6	9.51	0
200	2001	75	2130	8	0	2	0	0.436	5	9.44	0
200	2001	75	2145	8	0	2	0	0.437	6	9.39	0
200	2001	75	2200	8	0	2	0	0.437	7	9.35	0
200	2001	75	2215	8	0	2	0	0.437	6	9.29	0
200	2001	75	2230	8	0	2	0	0.437	6	9.23	0
200	2001	75	2245	8	0	2	0	0.434	6	9.16	0
200	2001	75	2300	8	0	2	0	0.435	5	9.08	0
200	2001	75	2315	8	0	2	0	0.436	6	9.03	0
200	2001	75	2330	8	0	2	0	0.435	5	8.96	0
200	2001	75	2345	8	0	2	0	0.436	7	8.9	0
200	2001	75	2400	8	0	2	0	0.436	6	8.84	0
200	2001	76	15	8	0	2	0	0.434	6	8.78	0
200	2001	76	30	8	0	2	0	0.434	6	8.75	0
200	2001	76	45	8	0	2	0	0.434	6	8.71	0
200	2001	76	100	8	0	2	0	0.434	5	8.67	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	76	115	8	0	2	0	0.434	5	8.64	0
200	2001	76	130	8	0	2	0	0.433	9	8.59	0
200	2001	76	145	8	0	2	0	0.433	6	8.57	0
200	2001	76	200	8	0	2	0	0.433	6	8.53	0
200	2001	76	215	8	0	2	0	0.432	7	8.51	0
200	2001	76	230	8	0	2	0	0.432	6	8.48	0
200	2001	76	245	8	0	2	0	0.432	8	8.46	0
200	2001	76	300	8	0	2	0	0.431	6	8.43	0
200	2001	76	315	8	0	2	0	0.431	6	8.42	0
200	2001	76	330	8	0	2	0	0.431	5	8.38	0
200	2001	76	345	8	0	2	0	0.431	6	8.38	0
200	2001	76	400	8	0	2	0	0.431	5	8.37	0
200	2001	76	415	8	0	2	0	0.431	5	8.35	0
200	2001	76	430	8	0	2	0	0.431	6	8.32	0
200	2001	76	445	8	0	2	0	0.432	5	8.32	0
200	2001	76	500	8	0	2	0	0.431	6	8.32	0
200	2001	76	515	8	0	2	0	0.431	6	8.3	0
200	2001	76	530	8	0	2	0	0.431	6	8.3	0
200	2001	76	545	8	0	2	0	0.431	5	8.29	0
200	2001	76	600	8	0	2	0	0.431	6	8.27	0
200	2001	76	615	8	0	2	0	0.431	5	8.27	0
200	2001	76	630	8	0	2	0	0.43	5	8.27	0
200	2001	76	645	8	0	2	0	0.43	5	8.26	0
200	2001	76	700	8	0	2	0	0.43	6	8.25	0
200	2001	76	715	8	0	2	0	0.428	6	8.26	0
200	2001	76	730	8	0	2	0	0.429	5	8.25	0
200	2001	76	745	8	0	2	0	0.43	5	8.26	0
200	2001	76	800	8	0	2	0	0.43	5	8.26	0
200	2001	76	815	8	0	2	0	0.43	5	8.29	0
200	2001	76	830	8	0	2	0	0.429	6	8.31	0
200	2001	76	845	8	0	2	0	0.43	6	8.33	0
200	2001	76	900	8	0	2	0	0.43	5	8.37	0
200	2001	76	915	8	0	2	0	0.428	6	8.41	0
200	2001	76	930	8	0	2	0	0.428	6	8.48	0
200	2001	76	945	8	0	2	0	0.428	6	8.55	0
200	2001	76	1000	8	0	2	0	0.429	5	8.64	0
200	2001	76	1015	8	0	2	0	0.429	5	8.74	0
200	2001	76	1030	8	0	2	0	0.43	6	8.87	0
200	2001	76	1045	8	0	2	0	0.428	6	9	0
200	2001	76	1100	8	0	2	0	0.43	7	9.18	0
200	2001	76	1115	8	0	2	0	0.429	5	9.31	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	76	1130	8	0	2	0	0.429	6	9.34	0
200	2001	76	1145	8	0	2	0	0.431	6	9.38	0
200	2001	76	1200	8	0	2	0	0.43	6	9.42	0
200	2001	76	1215	8	0	2	0	0.429	5	9.48	0
200	2001	76	1230	8	0	2	0	0.429	6	9.53	0
200	2001	76	1245	8	0	2	0	0.428	5	9.58	0
200	2001	76	1300	8	0	2	0	0.429	6	9.62	0
200	2001	76	1315	8	0	2	0	0.43	5	9.68	0
200	2001	76	1330	8	0	2	0	0.429	8	9.75	0
200	2001	76	1345	8	0	2	0	0.429	5	9.79	0
200	2001	76	1400	8	0	2	0	0.428	6	9.87	0
200	2001	76	1415	8	0	2	0	0.428	6	9.96	0
200	2001	76	1430	8	0	2	0	0.429	7	10.01	0
200	2001	76	1445	8	0	2	0	0.429	7	10.05	0
200	2001	76	1500	8	0	2	0	0.429	6	10.14	0
200	2001	76	1515	8	0	2	0	0.429	6	10.24	0
200	2001	76	1530	8	0	2	0	0.429	7	10.31	0
200	2001	76	1545	8	0	2	0	0.429	7	10.34	0
200	2001	76	1600	8	0	2	0	0.429	7	10.35	0
200	2001	76	1615	8	0	2	0	0.428	8	10.4	0
200	2001	76	1630	8	0	2	0	0.429	6	10.43	0
200	2001	76	1645	8	0	2	0	0.427	7	10.42	0
200	2001	76	1700	8	0	2	0	0.429	7	10.42	0
200	2001	76	1715	8	0	2	0	0.429	6	10.42	0
200	2001	76	1730	8	0	2	0	0.427	6	10.43	0
200	2001	76	1745	8	0	2	0	0.427	6	10.42	0
200	2001	76	1800	8	0	2	0	0.428	8	10.4	0
200	2001	76	1815	8	0	2	0	0.428	8	10.38	0
200	2001	76	1830	8	0	2	0	0.428	8	10.35	0
200	2001	76	1845	8	0	2	0	0.427	7	10.33	0
200	2001	76	1900	8	0	2	0	0.427	8	10.3	0
200	2001	76	1915	8	0	2	0	0.426	4	10.27	0
200	2001	76	1930	8	0	2	0	0.426	6	10.23	0
200	2001	76	1945	8	0	2	0	0.426	5	10.21	0
200	2001	76	2000	8	0	2	0	0.425	5	10.16	0
200	2001	76	2015	8	0	2	0	0.425	6	10.1	0
200	2001	76	2030	8	0	2	0	0.426	5	10.04	0
200	2001	76	2045	8	0	1	0	0.424	10	9.98	0
200	2001	76	2100	8	0	1	0	0.424	5	9.94	0
200	2001	76	2115	8	0	1	0	0.425	5	9.9	0
200	2001	76	2130	8	0	1	0	0.425	5	9.85	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	76	2145	8	0	1	0	0.425	5	9.79	0
200	2001	76	2200	8	0	1	0	0.424	5	9.73	0
200	2001	76	2215	8	0	1	0	0.425	5	9.67	0
200	2001	76	2230	8	0	1	0	0.424	6	9.61	0
200	2001	76	2245	8	0	2	0	0.425	5	9.59	0
200	2001	76	2300	8	0	2	0	0.424	5	9.56	0
200	2001	76	2315	8	0	2	0	0.424	5	9.52	0
200	2001	76	2330	8	0	2	0	0.424	6	9.48	0
200	2001	76	2345	8	0	2	0	0.425	5	9.45	0
200	2001	76	2400	8	0	2	0	0.423	5	9.43	0
200	2001	77	15	8	0	2	0	0.424	6	9.4	0
200	2001	77	30	8	0	2	0	0.424	5	9.39	0
200	2001	77	45	8	0	2	0	0.424	5	9.33	0
200	2001	77	100	8	0	2	0	0.425	5	9.3	0
200	2001	77	115	8	0	2	0	0.423	5	9.27	0
200	2001	77	130	8	0	2	0	0.424	4	9.23	0
200	2001	77	145	8	0	2	0	0.424	6	9.19	0
200	2001	77	200	8	0	2	0	0.423	5	9.16	0
200	2001	77	215	8	0	2	0	0.423	5	9.12	0
200	2001	77	230	8	0	2	0	0.423	5	9.09	0
200	2001	77	245	8	0	2	0	0.423	5	9.06	0
200	2001	77	300	8	0	2	0	0.423	5	9.03	0
200	2001	77	315	8	0	2	0	0.423	5	8.99	0
200	2001	77	330	8	0	2	0	0.423	5	8.95	0
200	2001	77	345	8	0	2	0	0.422	5	8.92	0
200	2001	77	400	8	0	2	0	0.421	5	8.86	0
200	2001	77	415	8	0	2	0	0.422	5	8.82	0
200	2001	77	430	8	0	2	0	0.422	4	8.76	0
200	2001	77	445	8	0	2	0	0.422	5	8.74	0
200	2001	77	500	8	0	2	0	0.421	5	8.69	0
200	2001	77	515	8	0	2	0	0.422	5	8.64	0
200	2001	77	530	8	0	2	0	0.422	5	8.62	0
200	2001	77	545	8	0	2	0	0.421	5	8.58	0
200	2001	77	600	8	0	2	0	0.42	6	8.55	0
200	2001	77	615	8	0	2	0	0.42	5	8.54	0
200	2001	77	630	8	0	2	0	0.421	5	8.51	0
200	2001	77	645	8	0	2	0	0.42	5	8.49	0
200	2001	77	700	8	0	2	0	0.42	5	8.48	0
200	2001	77	715	8	0	2	0	0.421	5	8.49	0
200	2001	77	730	8	0	2	0	0.422	5	8.48	0
200	2001	77	745	8	0	2	0	0.422	5	8.49	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	77	800	8	0	2	0	0.42	6	8.52	0
200	2001	77	815	8	0	2	0	0.421	5	8.58	0
200	2001	77	830	8	0	2	0	0.42	6	8.61	0
200	2001	77	845	8	0	2	0	0.419	4	8.65	0
200	2001	77	900	8	0	2	0	0.419	5	8.72	0
200	2001	77	915	8	0	2	0	0.42	6	8.82	0
200	2001	77	930	8	0	2	0	0.421	4	8.95	0
200	2001	77	945	8	0	2	0	0.421	5	9.05	0
200	2001	77	1000	8	0	2	0	0.422	6	9.25	0
200	2001	77	1015	8	0	1	0	0.422	9	9.39	0
200	2001	77	1030	8	0	1	0	0.423	6	9.53	0
200	2001	77	1045	8	0	1	0	0.421	6	9.72	0
200	2001	77	1100	8	0	1	0	0.423	5	9.96	0
200	2001	77	1115	8	0	1	0	0.424	6	10.21	0
200	2001	77	1130	8	0	1	0	0.423	6	10.42	0
200	2001	77	1145	8	0	1	0	0.423	6	10.63	0
200	2001	77	1200	8	0	1	0	0.423	7	10.88	0
200	2001	77	1215	8	0	1	0	0.423	7	11.14	0
200	2001	77	1230	8	0	1	0	0.425	7	11.32	0.01
200	2001	77	1245	8	0	1	0	0.423	6	11.53	0
200	2001	77	1300	8	0	1	0	0.423	6	11.78	0
200	2001	77	1315	8	0	1	0	0.424	6	12.04	0
200	2001	77	1330	8	0	1	0	0.424	5	12.29	0
200	2001	77	1345	8	0	1	0	0.425	5	12.58	0
200	2001	77	1400	8	0	1	0	0.424	6	12.84	0
200	2001	77	1415	8	0	1	0	0.424	8	12.96	0
200	2001	77	1430	8	0	1	0	0.424	6	13.06	0
200	2001	77	1445	8	0	1	0	0.424	7	13.11	0
200	2001	77	1500	8	0	1	0	0.425	6	13.12	0
200	2001	77	1515	8	0	1	0	0.424	7	13.13	0
200	2001	77	1530	8	0	1	0	0.424	6	13.13	0
200	2001	77	1545	8	0	1	0	0.424	7	13.13	0
200	2001	77	1600	8	0	1	0	0.422	8	13.09	0
200	2001	77	1615	8	0	1	0	0.422	7	13.03	0
200	2001	77	1630	8	0	1	0	0.425	6	12.95	0
200	2001	77	1645	8	0	1	0	0.422	6	12.9	0
200	2001	77	1700	8	0	1	0	0.42	6	12.85	0
200	2001	77	1715	8	0	1	0	0.421	6	12.8	0
200	2001	77	1730	8	0	1	0	0.42	6	12.73	0
200	2001	77	1745	8	0	1	0	0.421	6	12.68	0
200	2001	77	1800	8	0	1	0	0.42	7	12.62	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	77	1815	8	0	1	0	0.418	6	12.55	0
200	2001	77	1830	8	0	1	0	0.418	6	12.44	0
200	2001	77	1845	8	0	1	0	0.418	6	12.33	0
200	2001	77	1900	8	0	1	0	0.418	6	12.21	0
200	2001	77	1915	8	0	1	0	0.417	5	12.13	0
200	2001	77	1930	8	0	1	0	0.417	6	12.01	0
200	2001	77	1945	8	0	1	0	0.417	5	11.9	0
200	2001	77	2000	8	0	1	0	0.417	5	11.83	0
200	2001	77	2015	8	0	1	0	0.417	6	11.72	0
200	2001	77	2030	8	0	1	0	0.418	5	11.64	0
200	2001	77	2045	8	0	1	0	0.417	6	11.55	0
200	2001	77	2100	8	0	1	0	0.417	5	11.47	0
200	2001	77	2115	8	0	1	0	0.417	5	11.38	0
200	2001	77	2130	8	0	1	0	0.417	6	11.32	0
200	2001	77	2145	8	0	1	0	0.418	5	11.27	0
200	2001	77	2200	8	0	1	0	0.417	8	11.22	0
200	2001	77	2215	8	0	1	0	0.416	6	11.17	0
200	2001	77	2230	8	0	1	0	0.416	8	11.13	0
200	2001	77	2245	8	0	1	0	0.416	7	11.08	0
200	2001	77	2300	8	0	1	0	0.415	6	11.03	0
200	2001	77	2315	8	0	1	0	0.415	5	10.99	0
200	2001	77	2330	8	0	1	0	0.415	7	10.95	0
200	2001	77	2345	8	0	1	0	0.415	5	10.92	0
200	2001	77	2400	8	0	1	0	0.414	5	10.87	0
200	2001	78	15	8	0	1	0	0.415	6	10.84	0
200	2001	78	30	8	0	1	0	0.415	7	10.81	0
200	2001	78	45	8	0	1	0	0.413	6	10.77	0
200	2001	78	100	8	0	1	0	0.413	6	10.73	0
200	2001	78	115	8	0	1	0	0.413	5	10.68	0
200	2001	78	130	8	0	1	0	0.412	5	10.64	0
200	2001	78	145	8	0	1	0	0.413	5	10.6	0
200	2001	78	200	8	0	1	0	0.412	6	10.57	0
200	2001	78	215	8	0	1	0	0.412	5	10.54	0
200	2001	78	230	8	0	1	0	0.412	5	10.5	0
200	2001	78	245	8	0	1	0	0.412	6	10.46	0
200	2001	78	300	8	0	1	0	0.412	7	10.43	0
200	2001	78	315	8	0	1	0	0.412	6	10.38	0
200	2001	78	330	8	0	1	0	0.412	5	10.34	0
200	2001	78	345	8	0	1	0	0.412	5	10.29	0
200	2001	78	400	8	0	1	0	0.412	5	10.26	0
200	2001	78	415	8	0	1	0	0.411	5	10.23	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	78	430	8	0	1	0	0.411	6	10.21	0
200	2001	78	445	8	0	1	0	0.412	6	10.19	0
200	2001	78	500	8	0	1	0	0.411	6	10.17	0
200	2001	78	515	8	0	1	0	0.411	6	10.15	0
200	2001	78	530	8	0	1	0	0.411	15	10.13	0
200	2001	78	545	8	0	1	0	0.411	6	10.12	0
200	2001	78	600	8	0	1	0	0.41	6	10.11	0
200	2001	78	615	8	0	1	0	0.41	8	10.1	0
200	2001	78	630	8	0	1	0	0.41	23	10.06	0
200	2001	78	645	8	0	1	0	0.411	5	10.06	0
200	2001	78	700	8	0	1	0	0.41	5	10.05	0
200	2001	78	715	8	0	1	0	0.41	5	10.04	0
200	2001	78	730	8	0	1	0	0.41	5	10.06	0
200	2001	78	745	8	0	1	0	0.41	5	10.07	0
200	2001	78	800	8	0	1	0	0.41	5	10.09	0
200	2001	78	815	8	0	1	0	0.409	5	10.13	0
200	2001	78	830	8	0	1	0	0.409	5	10.15	0
200	2001	78	845	8	0	1	0	0.409	6	10.18	0
200	2001	78	900	8	0	1	0	0.409	7	10.24	0
200	2001	78	915	8	0	2	0	0.409	5	10.29	0
200	2001	78	930	8	0	2	0	0.409	5	10.34	0
200	2001	78	945	8	0	2	0	0.409	5	10.43	0
200	2001	78	1000	8	0	2	0	0.409	6	10.51	0
200	2001	78	1015	8	0	2	0	0.41	7	10.58	0
200	2001	78	1030	8	0	2	0	0.409	5	10.61	0
200	2001	78	1045	8	0	2	0	0.409	6	10.62	0
200	2001	78	1100	8	0	2	0	0.408	6	10.64	0
200	2001	78	1115	8	0	2	0	0.408	5	10.74	0
200	2001	78	1130	8	0	2	0	0.411	6	10.79	0
200	2001	78	1145	8	0	2	0	0.409	6	10.83	0
200	2001	78	1200	8	0	2	0	0.411	5	10.87	0
200	2001	78	1215	8	0	2	0	0.409	6	10.97	0
200	2001	78	1230	8	0	2	0	0.408	5	11.02	0
200	2001	78	1245	8	0	2	0	0.409	7	11.06	0
200	2001	78	1300	8	0	2	0	0.409	6	11.11	0
200	2001	78	1315	8	0	2	0	0.409	7	11.09	0
200	2001	78	1330	8	0	2	0	0.407	6	11.08	0
200	2001	78	1345	8	0	2	0	0.408	7	11.1	0
200	2001	78	1400	8	0	2	0	0.409	5	11.1	0
200	2001	78	1415	8	0	2	0	0.408	6	11.15	0
200	2001	78	1430	8	0	2	0	0.408	6	11.19	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	78	1445	8	0	2	0	0.409	7	11.21	0
200	2001	78	1500	8	0	2	0	0.408	6	11.23	0
200	2001	78	1515	8	0	2	0	0.408	6	11.22	0
200	2001	78	1530	8	0	2	0	0.408	6	11.24	0
200	2001	78	1545	8	0	2	0	0.407	6	11.23	0
200	2001	78	1600	8	0	2	0	0.405	7	11.23	0
200	2001	78	1615	8	0	2	0	0.405	6	11.24	0
200	2001	78	1630	8	0	2	0	0.406	6	11.23	0
200	2001	78	1645	8	0	2	0	0.408	6	11.23	0
200	2001	78	1700	8	0	2	0	0.408	7	11.19	0
200	2001	78	1715	8	0	2	0	0.408	6	11.17	0
200	2001	78	1730	8	0	2	0	0.407	6	11.14	0
200	2001	78	1745	8	0	2	0	0.408	5	11.14	0
200	2001	78	1800	8	0	2	0	0.406	6	11.1	0
200	2001	78	1815	8	0	2	0	0.406	6	11.06	0
200	2001	78	1830	8	0	2	0	0.406	6	11.03	0
200	2001	78	1845	8	0	2	0	0.406	6	11.01	0
200	2001	78	1900	8	0	2	0	0.406	7	10.96	0
200	2001	78	1915	8	1	1	1	0.406	86	10.94	0
200	2001	78	1930	8	0	1	0	0.406	7	10.91	0
200	2001	78	1945	8	2	2	1	0.406	5	10.87	0
200	2001	78	2000	8	0	2	0	0.405	6	10.83	0
200	2001	78	2015	8	0	2	0	0.406	8	10.8	0
200	2001	78	2030	8	0	2	0	0.406	5	10.76	0
200	2001	78	2045	8	0	2	0	0.405	6	10.74	0
200	2001	78	2100	8	0	2	0	0.405	6	10.68	0
200	2001	78	2115	8	0	2	0	0.405	7	10.68	0
200	2001	78	2130	8	0	2	0	0.405	7	10.65	0
200	2001	78	2145	8	0	2	0	0.405	5	10.6	0
200	2001	78	2200	8	0	2	0	0.405	7	10.59	0
200	2001	78	2215	8	0	2	0	0.405	6	10.57	0
200	2001	78	2230	8	0	2	0	0.405	6	10.51	0
200	2001	78	2245	8	0	2	0	0.405	8	10.48	0
200	2001	78	2300	8	0	2	0	0.405	5	10.47	0
200	2001	78	2315	8	0	2	0	0.405	491	10.43	0
200	2001	78	2330	8	0	2	0	0.405	6	10.42	0
200	2001	78	2345	8	0	2	0	0.405	5	10.39	0
200	2001	78	2400	8	0	2	0	0.405	4	10.37	0
200	2001	79	15	8	0	2	0	0.405	4	10.34	0
200	2001	79	30	8	0	2	0	0.405	4	10.33	0
200	2001	79	45	8	0	2	0	0.405	4	10.32	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	79	100	8	0	2	0	0.405	5	10.29	0
200	2001	79	115	8	0	2	0	0.405	4	10.25	0
200	2001	79	130	8	0	2	0	0.405	4	10.26	0
200	2001	79	145	8	0	2	0	0.405	5	10.23	0
200	2001	79	200	8	0	2	0	0.405	4	10.21	0
200	2001	79	215	8	0	2	0	0.405	5	10.19	0
200	2001	79	230	8	0	2	0	0.405	4	10.17	0
200	2001	79	245	8	0	2	0	0.405	4	10.16	0
200	2001	79	300	8	0	2	0	0.405	5	10.12	0
200	2001	79	315	8	0	2	0	0.405	5	10.14	0
200	2001	79	330	8	0	2	0	0.405	5	10.11	0
200	2001	79	345	8	0	2	0	0.405	4	10.1	0
200	2001	79	400	8	0	2	0	0.405	4	10.07	0
200	2001	79	415	8	0	2	0	0.405	4	10.05	0
200	2001	79	430	8	0	2	0	0.405	5	10.04	0
200	2001	79	445	8	0	2	0	0.405	4	10.02	0
200	2001	79	500	8	0	2	0	0.405	4	9.99	0
200	2001	79	515	8	0	2	0	0.405	5	9.99	0
200	2001	79	530	8	0	2	0	0.405	4	9.96	0
200	2001	79	545	8	0	2	0	0.405	4	9.95	0
200	2001	79	600	8	0	2	0	0.405	4	9.94	0
200	2001	79	615	8	0	2	0	0.405	4	9.92	0
200	2001	79	630	8	0	2	0	0.405	5	9.92	0
200	2001	79	645	8	0	2	0	0.405	5	9.89	0
200	2001	79	700	8	0	2	0	0.405	5	9.88	0
200	2001	79	715	8	0	2	0	0.404	5	9.9	0
200	2001	79	730	8	0	2	0	0.405	5	9.89	0
200	2001	79	745	8	0	2	0	0.405	5	9.87	0
200	2001	79	800	8	0	2	0	0.405	5	9.87	0
200	2001	79	815	8	0	2	0	0.405	5	9.89	0
200	2001	79	830	8	0	2	0	0.404	4	9.91	0
200	2001	79	845	8	0	2	0	0.405	4	9.92	0
200	2001	79	900	8	0	2	0	0.404	4	9.96	0
200	2001	79	915	8	0	2	0	0.405	4	10	0
200	2001	79	930	8	0	2	0	0.404	4	10.01	0
200	2001	79	945	8	0	2	0	0.401	5	10.09	0
200	2001	79	1000	8	0	2	0	0.404	4	10.18	0
200	2001	79	1015	8	0	2	0	0.405	5	10.28	0
200	2001	79	1030	8	0	2	0	0.405	4	10.35	0
200	2001	79	1045	8	0	2	0	0.405	5	10.41	0
200	2001	79	1100	8	0	2	0	0.404	4	10.44	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	79	1115	8	0	2	0	0.405	6	10.48	0
200	2001	79	1130	8	0	2	0	0.404	5	10.55	0
200	2001	79	1145	8	0	2	0	0.404	4	10.62	0
200	2001	79	1200	8	0	2	0	0.404	4	10.68	0
200	2001	79	1215	8	0	2	0	0.405	7	10.78	0
200	2001	79	1230	8	0	2	0	0.405	6	10.9	0
200	2001	79	1245	8	0	2	0	0.405	4	10.96	0
200	2001	79	1300	8	0	2	0	0.404	5	11.03	0
200	2001	79	1315	8	0	2	0	0.405	5	11.09	0
200	2001	79	1330	8	0	2	0	0.404	6	11.22	0
200	2001	79	1345	8	0	2	0	0.405	5	11.38	0
200	2001	79	1400	8	0	2	0	0.405	6	11.46	0
200	2001	79	1415	8	0	2	0	0.405	5	11.55	0
200	2001	79	1430	8	0	2	0	0.405	7	11.62	0
200	2001	79	1445	8	0	2	0	0.406	6	11.7	0
200	2001	79	1500	8	0	2	0	0.406	6	11.79	0
200	2001	79	1515	8	0	2	0	0.405	6	11.83	0
200	2001	79	1530	8	0	2	0	0.405	5	11.86	0
200	2001	79	1545	8	0	2	0	0.406	6	11.91	0
200	2001	79	1600	8	0	2	0	0.404	5	11.95	0
200	2001	79	1615	8	0	2	0	0.405	5	11.94	0
200	2001	79	1630	8	0	2	0	0.404	5	11.94	0
200	2001	79	1645	8	0	2	0	0.404	5	11.95	0
200	2001	79	1700	8	0	2	0	0.404	5	11.94	0
200	2001	79	1715	8	0	2	0	0.404	5	11.92	0
200	2001	79	1730	8	0	2	0	0.404	4	11.89	0
200	2001	79	1745	8	0	2	0	0.404	6	11.85	0
200	2001	79	1800	8	0	2	0	0.404	5	11.82	0
200	2001	79	1815	8	0	2	0	0.404	4	11.79	0
200	2001	79	1830	8	0	2	0	0.404	6	11.73	0
200	2001	79	1845	8	0	2	0	0.404	6	11.69	0
200	2001	79	1900	8	0	2	0	0.404	4	11.64	0
200	2001	79	1915	8	0	2	0	0.404	5	11.59	0
200	2001	79	1930	8	0	2	0	0.404	4	11.54	0
200	2001	79	1945	8	0	2	0	0.404	5	11.49	0
200	2001	79	2000	8	0	2	0	0.404	4	11.44	0
200	2001	79	2015	8	0	2	0	0.404	5	11.37	0
200	2001	79	2030	8	0	2	0	0.404	5	11.33	0
200	2001	79	2045	8	0	2	0	0.404	5	11.28	0
200	2001	79	2100	8	0	2	0	0.404	6	11.25	0
200	2001	79	2115	8	0	2	0	0.404	4	11.2	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	79	2130	8	0	2	0	0.404	4	11.16	0
200	2001	79	2145	8	0	2	0	0.403	4	11.13	0
200	2001	79	2200	8	0	2	0	0.402	6	11.1	0
200	2001	79	2215	8	0	2	0	0.402	5	11.05	0
200	2001	79	2230	8	0	2	0	0.402	5	11.03	0
200	2001	79	2245	8	0	2	0	0.402	7	10.97	0
200	2001	79	2300	8	0	2	0	0.401	5	10.96	0
200	2001	79	2315	8	0	2	0	0.402	4	10.92	0
200	2001	79	2330	8	0	2	0	0.401	5	10.88	0
200	2001	79	2345	8	0	2	0	0.401	4	10.86	0
200	2001	79	2400	8	0	2	0	0.401	4	10.83	0
200	2001	80	15	8	0	2	0	0.401	4	10.8	0
200	2001	80	30	8	0	2	0	0.4	7	10.76	0
200	2001	80	45	8	0	2	0	0.4	5	10.71	0
200	2001	80	100	8	0	2	0	0.4	5	10.67	0
200	2001	80	115	8	0	2	0	0.4	5	10.64	0
200	2001	80	130	8	0	0	0	0.4	5	10.61	0
200	2001	80	145	8	3	1	4	0.4	5	10.59	0
200	2001	80	200	8	0	1	0	0.401	6	10.57	0
200	2001	80	215	8	0	1	0	0.4	4	10.54	0
200	2001	80	230	8	0	0	0	0.4	6	10.51	0
200	2001	80	245	8	0	0	0	0.4	5	10.49	0
200	2001	80	300	8	0	0	0	0.4	6	10.47	0
200	2001	80	315	8	0	1	0	0.4	5	10.45	0
200	2001	80	330	8	0	0	0	0.4	5	10.41	0
200	2001	80	345	8	0	0	0	0.399	5	10.37	0
200	2001	80	400	8	0	0	0	0.4	4	10.37	0
200	2001	80	415	8	0	0	0	0.399	5	10.34	0
200	2001	80	430	8	0	0	0	0.4	4	10.32	0
200	2001	80	445	8	0	0	0	0.399	5	10.29	0
200	2001	80	500	8	0	0	0	0.399	5	10.27	0
200	2001	80	515	8	0	0	0	0.399	5	10.24	0
200	2001	80	530	8	0	0	0	0.399	5	10.21	0
200	2001	80	545	8	0	0	0	0.399	6	10.19	0
200	2001	80	600	8	0	0	0	0.399	6	10.17	0
200	2001	80	615	8	0	0	0	0.399	5	10.17	0
200	2001	80	630	8	0	0	0	0.399	5	10.13	0
200	2001	80	645	8	0	0	0	0.399	5	10.12	0
200	2001	80	700	8	0	0	0	0.399	5	10.09	0
200	2001	80	715	8	0	0	0	0.399	5	10.09	0
200	2001	80	730	8	0	0	0	0.399	4	10.09	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	80	745	8	0	0	0	0.399	5	10.11	0
200	2001	80	800	8	0	0	0	0.399	5	10.12	0
200	2001	80	815	8	0	0	0	0.399	4	10.12	0
200	2001	80	830	8	0	0	0	0.399	6	10.17	0
200	2001	80	845	8	0	0	0	0.399	6	10.2	0
200	2001	80	900	8	0	0	0	0.399	5	10.25	0
200	2001	80	915	8	0	0	0	0.399	5	10.38	0
200	2001	80	930	8	0	0	0	0.399	5	10.49	0
200	2001	80	945	8	0	0	0	0.399	6	10.6	0
200	2001	80	1000	8	0	0	0	0.399	6	10.76	0
200	2001	80	1015	8	0	0	0	0.399	6	10.94	0
200	2001	80	1030	8	0	0	0	0.399	5	11.06	0
200	2001	80	1045	8	0	0	0	0.39	5	11.26	0
200	2001	80	1100	8	4	1	4	0.4	5	11.48	0
200	2001	80	1115	8	0	1	0	0.401	6	11.71	0
200	2001	80	1130	8	0	1	0	0.401	7	11.95	0
200	2001	80	1145	8	0	0	0	0.397	5	12.21	0
200	2001	80	1200	8	0	0	0	0.393	5	12.5	0
200	2001	80	1215	8	0	0	0	0.399	5	12.77	0
200	2001	80	1230	8	0	1	0	0.402	7	13.01	0
200	2001	80	1245	8	0	1	0	0.403	7	13.19	0
200	2001	80	1300	8	0	0	0	0.392	4	13.4	0
200	2001	80	1315	8	0	0	0	0.398	5	13.62	0
200	2001	80	1330	8	0	1	0	0.403	4	13.89	0
200	2001	80	1345	8	0	1	0	0.402	6	14.11	0
200	2001	80	1400	8	0	1	0	0.402	5	14.29	0
200	2001	80	1415	8	0	0	0	0.391	5	14.41	0
200	2001	80	1430	8	0	0	0	0.398	5	14.49	0
200	2001	80	1445	8	0	1	0	0.403	6	14.5	0
200	2001	80	1500	8	0	1	0	0.403	6	14.44	0
200	2001	80	1515	8	0	1	0	0.405	6	14.39	0
200	2001	80	1530	8	0	1	0	0.402	6	14.34	0
200	2001	80	1545	8	0	1	0	0.401	5	14.29	0
200	2001	80	1600	8	0	1	0	0.403	7	14.24	0
200	2001	80	1615	8	0	1	0	0.401	6	14.14	0
200	2001	80	1630	8	0	1	0	0.4	6	14.04	0
200	2001	80	1645	8	0	0	0	0.399	5	13.95	0
200	2001	80	1700	8	0	0	0	0.399	6	13.89	0
200	2001	80	1715	8	0	0	0	0.398	5	13.86	0
200	2001	80	1730	8	0	0	0	0.397	5	13.8	0
200	2001	80	1745	8	0	0	0	0.397	5	13.72	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	80	1800	8	0	0	0	0.397	5	13.65	0
200	2001	80	1815	8	0	0	0	0.397	6	13.56	0
200	2001	80	1830	8	0	0	0	0.397	5	13.46	0
200	2001	80	1845	8	0	0	0	0.396	5	13.34	0
200	2001	80	1900	8	0	0	0	0.396	5	13.23	0
200	2001	80	1915	8	0	0	0	0.397	5	13.13	0
200	2001	80	1930	8	0	0	0	0.396	5	13.03	0
200	2001	80	1945	8	0	0	0	0.396	5	12.92	0
200	2001	80	2000	8	0	0	0	0.396	5	12.82	0
200	2001	80	2015	8	0	0	0	0.395	4	12.71	0
200	2001	80	2030	8	0	0	0	0.394	5	12.6	0
200	2001	80	2045	8	0	0	0	0.394	5	12.49	0
200	2001	80	2100	8	0	0	0	0.395	5	12.39	0
200	2001	80	2115	8	0	0	0	0.393	6	12.32	0
200	2001	80	2130	8	0	0	0	0.393	4	12.25	0
200	2001	80	2145	8	0	0	0	0.393	5	12.17	0
200	2001	80	2200	8	0	0	0	0.393	5	12.1	0
200	2001	80	2215	8	0	0	0	0.394	5	12.02	0
200	2001	80	2230	8	0	0	0	0.393	4	11.94	0
200	2001	80	2245	8	0	0	0	0.393	5	11.9	0
200	2001	80	2300	8	0	0	0	0.393	4	11.82	0
200	2001	80	2315	8	0	0	0	0.393	5	11.78	0
200	2001	80	2330	8	0	0	0	0.393	4	11.72	0
200	2001	80	2345	8	0	0	0	0.393	5	11.67	0
200	2001	80	2400	8	0	0	0	0.393	4	11.62	0
200	2001	81	15	8	0	0	0	0.393	5	11.59	0
200	2001	81	30	8	0	0	0	0.393	4	11.54	0
200	2001	81	45	8	0	0	0	0.393	5	11.51	0
200	2001	81	100	8	0	0	0	0.393	6	11.48	0
200	2001	81	115	8	0	0	0	0.393	5	11.43	0
200	2001	81	130	8	0	0	0	0.392	4	11.39	0
200	2001	81	145	8	0	0	0	0.392	5	11.36	0
200	2001	81	200	8	0	0	0	0.392	4	11.34	0
200	2001	81	215	8	0	0	0	0.392	5	11.3	0
200	2001	81	230	8	0	0	0	0.392	4	11.27	0
200	2001	81	245	8	0	0	0	0.391	5	11.23	0
200	2001	81	300	8	0	0	0	0.391	4	11.18	0
200	2001	81	315	8	0	0	0	0.391	4	11.16	0
200	2001	81	330	8	0	0	0	0.391	5	11.12	0
200	2001	81	345	8	0	0	0	0.391	5	11.07	0
200	2001	81	400	8	0	0	0	0.391	5	11.05	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	81	415	8	0	0	0	0.39	6	11.02	0
200	2001	81	430	8	0	0	0	0.39	4	10.98	0
200	2001	81	445	8	0	0	0	0.39	4	10.95	0
200	2001	81	500	8	0	0	0	0.39	5	10.91	0
200	2001	81	515	8	0	0	0	0.389	5	10.88	0
200	2001	81	530	8	0	0	0	0.389	5	10.84	0
200	2001	81	545	8	0	0	0	0.388	4	10.81	0
200	2001	81	600	8	0	0	0	0.389	5	10.78	0
200	2001	81	615	8	0	0	0	0.388	5	10.75	0
200	2001	81	630	8	0	0	0	0.387	6	10.73	0
200	2001	81	645	8	0	0	0	0.388	6	10.71	0
200	2001	81	700	8	0	0	0	0.388	4	10.69	0
200	2001	81	715	8	0	0	0	0.388	5	10.68	0
200	2001	81	730	8	0	0	0	0.387	5	10.67	0
200	2001	81	745	8	0	0	0	0.387	4	10.68	0
200	2001	81	800	8	0	0	0	0.388	5	10.67	0
200	2001	81	815	8	0	0	0	0.388	4	10.68	0
200	2001	81	830	8	0	0	0	0.387	4	10.67	0
200	2001	81	845	8	0	0	0	0.388	5	10.69	0
200	2001	81	900	8	0	0	0	0.387	4	10.69	0
200	2001	81	915	8	0	0	0	0.386	5	10.69	0
200	2001	81	930	8	0	0	0	0.386	4	10.71	0
200	2001	81	945	8	0	0	0	0.387	4	10.72	0
200	2001	81	1000	8	0	0	0	0.387	4	10.74	0
200	2001	81	1015	8	0	0	0	0.387	4	10.76	0
200	2001	81	1030	8	0	0	0	0.386	5	10.79	0
200	2001	81	1045	8	0	0	0	0.387	5	10.82	0
200	2001	81	1100	8	0	0	0	0.387	4	10.84	0
200	2001	81	1115	8	0	0	0	0.387	5	10.86	0
200	2001	81	1130	8	0	0	0	0.387	4	10.89	0
200	2001	81	1145	8	0	0	0	0.387	5	10.9	0
200	2001	81	1200	8	0	0	0	0.387	5	10.94	0
200	2001	81	1215	8	0	0	0	0.387	5	10.99	0
200	2001	81	1230	8	0	0	0	0.387	4	11.05	0
200	2001	81	1245	8	0	0	0	0.388	5	11.08	0
200	2001	81	1300	8	0	0	0	0.386	5	11.11	0
200	2001	81	1315	8	0	0	0	0.378	5	11.14	0
200	2001	81	1330	8	0	0	0	0.386	6	11.19	0
200	2001	81	1345	8	0	0	0	0.387	4	11.24	0
200	2001	81	1400	8	0	0	0	0.387	5	11.29	0
200	2001	81	1415	8	0	0	0	0.387	5	11.37	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	81	1430	8	0	0	0	0.388	5	11.42	0
200	2001	81	1445	8	0	0	0	0.387	5	11.45	0
200	2001	81	1500	8	0	0	0	0.389	5	11.46	0
200	2001	81	1515	8	0	0	0	0.387	5	11.49	0
200	2001	81	1530	8	0	0	0	0.388	5	11.5	0
200	2001	81	1545	8	0	0	0	0.387	5	11.5	0
200	2001	81	1600	8	0	0	0	0.387	6	11.5	0
200	2001	81	1615	8	0	0	0	0.387	5	11.5	0
200	2001	81	1630	8	0	0	0	0.387	5	11.5	0
200	2001	81	1645	8	0	0	0	0.387	5	11.49	0
200	2001	81	1700	8	0	0	0	0.387	6	11.47	0
200	2001	81	1715	8	0	0	0	0.387	5	11.45	0
200	2001	81	1730	8	0	0	0	0.386	5	11.43	0
200	2001	81	1745	8	0	0	0	0.387	4	11.41	0
200	2001	81	1800	8	0	0	0	0.387	4	11.4	0
200	2001	81	1815	8	0	0	0	0.386	5	11.37	0
200	2001	81	1830	8	0	0	0	0.386	4	11.34	0
200	2001	81	1845	8	0	0	0	0.386	4	11.31	0
200	2001	81	1900	8	0	0	0	0.386	6	11.28	0
200	2001	81	1915	8	0	0	0	0.386	5	11.25	0
200	2001	81	1930	8	0	0	0	0.386	5	11.23	0
200	2001	81	1945	8	0	0	0	0.386	6	11.21	0
200	2001	81	2000	8	0	0	0	0.386	5	11.18	0
200	2001	81	2015	8	0	0	0	0.386	5	11.16	0
200	2001	81	2030	8	0	0	0	0.386	6	11.14	0
200	2001	81	2045	8	0	0	0	0.386	4	11.12	0
200	2001	81	2100	8	0	0	0	0.386	4	11.09	0
200	2001	81	2115	8	0	0	0	0.386	4	11.07	0
200	2001	81	2130	8	0	0	0	0.386	4	11.04	0
200	2001	81	2145	8	0	0	0	0.386	5	11.02	0
200	2001	81	2200	8	0	0	0	0.386	4	10.99	0
200	2001	81	2215	8	0	0	0	0.386	5	10.97	0
200	2001	81	2230	8	0	0	0	0.386	4	10.93	0
200	2001	81	2245	8	0	0	0	0.386	5	10.93	0
200	2001	81	2300	8	0	0	0	0.386	4	10.9	0
200	2001	81	2315	8	0	0	0	0.386	4	10.9	0
200	2001	81	2330	8	0	0	0	0.386	5	10.88	0
200	2001	81	2345	8	0	0	0	0.386	5	10.85	0
200	2001	81	2400	8	0	0	0	0.386	5	10.82	0
200	2001	82	15	8	0	0	0	0.386	5	10.81	0
200	2001	82	30	8	0	0	0	0.385	5	10.8	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	82	45	8	0	0	0	0.386	4	10.78	0
200	2001	82	100	8	0	0	0	0.386	4	10.77	0
200	2001	82	115	8	0	0	0	0.386	5	10.74	0
200	2001	82	130	8	0	0	0	0.386	4	10.74	0
200	2001	82	145	8	0	0	0	0.386	5	10.72	0
200	2001	82	200	8	0	0	0	0.386	4	10.71	0.01
200	2001	82	215	8	0	0	0	0.386	4	10.7	0
200	2001	82	230	8	0	0	0	0.386	4	10.67	0
200	2001	82	245	8	0	0	0	0.386	4	10.67	0
200	2001	82	300	8	0	0	0	0.386	5	10.66	0
200	2001	82	315	8	0	0	0	0.386	4	10.65	0
200	2001	82	330	8	0	0	0	0.385	4	10.62	0
200	2001	82	345	8	0	0	0	0.386	6	10.62	0
200	2001	82	400	8	0	0	0	0.385	4	10.62	0
200	2001	82	415	8	0	0	0	0.385	4	10.59	0
200	2001	82	430	8	0	0	0	0.385	3	10.58	0
200	2001	82	445	8	0	0	0	0.385	5	10.58	0
200	2001	82	500	8	0	0	0	0.385	4	10.57	0
200	2001	82	515	8	0	0	0	0.385	5	10.56	0
200	2001	82	530	8	0	0	0	0.385	4	10.55	0
200	2001	82	545	8	0	0	0	0.385	5	10.52	0
200	2001	82	600	8	0	0	0	0.385	4	10.51	0
200	2001	82	615	8	0	0	0	0.385	3	10.51	0
200	2001	82	630	8	0	0	0	0.385	3	10.49	0
200	2001	82	645	8	0	0	0	0.385	3	10.49	0
200	2001	82	700	8	0	0	0	0.385	5	10.49	0
200	2001	82	715	8	0	0	0	0.386	4	10.49	0.01
200	2001	82	730	8	0	0	0	0.386	3	10.49	0
200	2001	82	745	8	0	0	0	0.385	3	10.49	0
200	2001	82	800	8	0	0	0	0.386	4	10.51	0
200	2001	82	815	8	0	0	0	0.386	5	10.53	0
200	2001	82	830	8	0	0	0	0.386	4	10.55	0
200	2001	82	845	8	0	0	0	0.386	3	10.58	0
200	2001	82	900	8	0	0	0	0.386	4	10.6	0
200	2001	82	915	8	0	0	0	0.386	4	10.63	0
200	2001	82	930	8	0	0	0	0.386	4	10.68	0
200	2001	82	945	8	0	0	0	0.386	4	10.71	0
200	2001	82	1000	8	0	0	0	0.385	5	10.76	0
200	2001	82	1015	8	0	0	0	0.386	3	10.8	0
200	2001	82	1030	8	0	0	0	0.385	4	10.82	0
200	2001	82	1045	8	0	0	0	0.386	4	10.9	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	82	1100	8	0	0	0	0.386	6	10.96	0
200	2001	82	1115	8	0	0	0	0.386	4	10.98	0
200	2001	82	1130	8	0	0	0	0.386	5	11	0
200	2001	82	1145	8	0	0	0	0.386	5	11.07	0
200	2001	82	1200	8	0	0	0	0.385	4	11.12	0
200	2001	82	1215	8	0	0	0	0.385	4	11.18	0
200	2001	82	1230	8	0	0	0	0.386	5	11.28	0
200	2001	82	1245	8	0	0	0	0.386	5	11.34	0
200	2001	82	1300	8	0	0	0	0.385	4	11.43	0
200	2001	82	1315	8	0	0	0	0.386	5	11.48	0
200	2001	82	1330	8	0	0	0	0.386	4	11.52	0
200	2001	82	1345	8	0	0	0	0.386	3	11.58	0
200	2001	82	1400	8	0	0	0	0.386	6	11.58	0
200	2001	82	1415	8	0	0	0	0.386	5	11.6	0
200	2001	82	1430	8	0	0	0	0.385	4	11.62	0
200	2001	82	1445	8	0	0	0	0.385	5	11.62	0
200	2001	82	1500	8	0	0	0	0.385	5	11.64	0
200	2001	82	1515	8	0	0	0	0.385	6	11.66	0
200	2001	82	1530	8	0	0	0	0.384	5	11.65	0
200	2001	82	1545	8	0	0	0	0.385	6	11.69	0
200	2001	82	1600	8	0	0	0	0.386	5	11.71	0
200	2001	82	1615	8	0	0	0	0.385	6	11.71	0
200	2001	82	1630	8	0	0	0	0.385	6	11.73	0
200	2001	82	1645	8	0	0	0	0.385	6	11.74	0
200	2001	82	1700	8	0	0	0	0.384	4	11.75	0
200	2001	82	1715	8	0	0	0	0.385	5	11.74	0
200	2001	82	1730	8	0	0	0	0.384	4	11.71	0
200	2001	82	1745	8	0	0	0	0.384	5	11.7	0
200	2001	82	1800	8	0	0	0	0.384	4	11.67	0
200	2001	82	1815	8	0	0	0	0.385	4	11.66	0
200	2001	82	1830	8	0	0	0	0.384	6	11.63	0
200	2001	82	1845	8	0	0	0	0.383	5	11.59	0
200	2001	82	1900	8	0	0	0	0.384	4	11.55	0
200	2001	82	1915	8	0	0	0	0.384	4	11.53	0
200	2001	82	1930	8	0	0	0	0.383	5	11.51	0
200	2001	82	1945	8	0	0	0	0.383	4	11.47	0
200	2001	82	2000	8	0	0	0	0.383	5	11.45	0
200	2001	82	2015	8	0	0	0	0.383	4	11.42	0
200	2001	82	2030	8	0	0	0	0.384	5	11.38	0
200	2001	82	2045	8	0	0	0	0.383	4	11.37	0
200	2001	82	2100	8	0	0	0	0.383	4	11.35	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	82	2115	8	0	0	0	0.383	5	11.31	0
200	2001	82	2130	8	0	0	0	0.383	5	11.28	0
200	2001	82	2145	8	0	0	0	0.383	4	11.22	0
200	2001	82	2200	8	0	0	0	0.383	4	11.18	0
200	2001	82	2215	8	0	0	0	0.383	4	11.17	0
200	2001	82	2230	8	0	0	0	0.383	3	11.14	0
200	2001	82	2245	8	0	0	0	0.383	3	11.12	0
200	2001	82	2300	8	0	0	0	0.383	5	11.09	0
200	2001	82	2315	8	0	0	0	0.383	4	11.07	0
200	2001	82	2330	8	0	0	0	0.382	4	11.04	0
200	2001	82	2345	8	0	0	0	0.383	3	11.01	0
200	2001	82	2400	8	0	0	0	0.382	4	10.97	0
200	2001	83	15	8	0	0	0	0.381	5	10.94	0
200	2001	83	30	8	0	0	0	0.382	3	10.88	0
200	2001	83	45	8	0	0	0	0.382	4	10.85	0
200	2001	83	100	8	0	0	0	0.382	5	10.81	0
200	2001	83	115	8	0	0	0	0.382	4	10.78	0
200	2001	83	130	8	0	0	0	0.381	3	10.75	0
200	2001	83	145	8	0	0	0	0.381	3	10.74	0
200	2001	83	200	8	0	0	0	0.381	5	10.69	0
200	2001	83	215	8	0	0	0	0.38	4	10.66	0
200	2001	83	230	8	0	0	0	0.38	4	10.64	0
200	2001	83	245	8	0	0	0	0.381	4	10.61	0
200	2001	83	300	8	0	0	0	0.38	4	10.57	0
200	2001	83	315	8	0	0	0	0.381	4	10.53	0
200	2001	83	330	8	0	0	0	0.38	4	10.51	0
200	2001	83	345	8	0	0	0	0.38	4	10.49	0
200	2001	83	400	8	0	0	0	0.38	4	10.45	0
200	2001	83	415	8	0	0	0	0.382	3	10.43	0
200	2001	83	430	8	0	0	0	0.381	3	10.41	0
200	2001	83	445	8	0	0	0	0.38	3	10.39	0
200	2001	83	500	8	0	0	0	0.38	4	10.36	0
200	2001	83	515	8	0	0	0	0.38	3	10.35	0
200	2001	83	530	8	0	0	0	0.38	4	10.33	0
200	2001	83	545	8	0	0	0	0.38	3	10.3	0
200	2001	83	600	8	0	0	0	0.381	4	10.28	0
200	2001	83	615	8	0	0	0	0.38	4	10.26	0
200	2001	83	630	8	0	0	0	0.38	4	10.26	0
200	2001	83	645	8	0	0	0	0.381	4	10.26	0
200	2001	83	700	8	0	0	0	0.381	4	10.28	0
200	2001	83	715	8	0	0	0	0.38	3	10.29	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	83	730	8	0	0	0	0.381	3	10.31	0
200	2001	83	745	8	0	0	0	0.376	3	10.31	0
200	2001	83	800	8	0	0	0	0.38	5	10.36	0
200	2001	83	815	8	0	0	0	0.38	4	10.4	0
200	2001	83	830	8	0	0	0	0.381	4	10.43	0
200	2001	83	845	8	0	0	0	0.381	3	10.49	0
200	2001	83	900	8	0	0	0	0.386	5	10.5	0.03
200	2001	83	915	8	0	0	0	0.388	3	10.54	0.04
200	2001	83	930	8	0	0	0	0.393	5	10.59	0.08
200	2001	83	945	8	0	0	0	0.394	4	10.64	0.01
200	2001	83	1000	8	0	0	0	0.399	5	10.69	0.03
200	2001	83	1015	8	5	1	4	0.404	4	10.72	0.03
200	2001	83	1030	8	0	1	0	0.409	6	10.77	0.06
200	2001	83	1045	8	0	1	0	0.412	6	10.87	0.02
200	2001	83	1100	8	0	1	0	0.414	13	10.95	0
200	2001	83	1115	8	0	1	0	0.418	12	11.05	0.01
200	2001	83	1130	8	0	1	0	0.418	10	11.22	0
200	2001	83	1145	8	0	1	0	0.419	12	11.31	0.02
200	2001	83	1200	8	0	1	0	0.418	14	11.45	0
200	2001	83	1215	8	0	1	0	0.419	11	11.81	0
200	2001	83	1230	8	0	1	0	0.422	12	12.22	0
200	2001	83	1245	8	0	1	0	0.426	10	12.46	0
200	2001	83	1300	8	0	1	0	0.426	12	12.69	0
200	2001	83	1315	8	0	1	0	0.427	11	12.91	0
200	2001	83	1330	8	0	1	0	0.425	12	13.02	0
200	2001	83	1345	8	0	1	0	0.428	10	13.19	0
200	2001	83	1400	8	0	1	0	0.428	10	13.16	0
200	2001	83	1415	8	0	2	0	0.428	8	13.14	0
200	2001	83	1430	8	0	2	0	0.428	10	13.15	0
200	2001	83	1445	8	0	2	0	0.428	9	13.2	0
200	2001	83	1500	8	0	2	0	0.429	9	13.26	0
200	2001	83	1515	8	0	2	0	0.428	9	13.31	0
200	2001	83	1530	8	0	2	0	0.428	7	13.35	0
200	2001	83	1545	8	0	2	0	0.429	7	13.41	0.01
200	2001	83	1600	8	0	2	0	0.43	7	13.39	0
200	2001	83	1615	8	0	2	0	0.432	7	13.46	0.01
200	2001	83	1630	8	0	2	0	0.43	7	13.48	0
200	2001	83	1645	8	0	2	0	0.431	6	13.47	0
200	2001	83	1700	8	0	2	0	0.433	7	13.42	0
200	2001	83	1715	8	0	2	0	0.435	6	13.37	0
200	2001	83	1730	8	0	2	0	0.435	8	13.31	0.01

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	83	1745	8	0	2	0	0.436	6	13.24	0
200	2001	83	1800	8	0	2	0	0.436	6	13.16	0
200	2001	83	1815	8	0	2	0	0.436	6	13.1	0
200	2001	83	1830	8	0	2	0	0.437	6	13.01	0
200	2001	83	1845	8	0	2	0	0.437	7	12.95	0
200	2001	83	1900	8	0	2	0	0.437	6	12.87	0
200	2001	83	1915	8	0	2	0	0.437	6	12.81	0
200	2001	83	1930	8	0	2	0	0.437	7	12.74	0
200	2001	83	1945	8	0	2	0	0.437	6	12.68	0
200	2001	83	2000	8	0	2	0	0.438	6	12.65	0
200	2001	83	2015	8	0	2	0	0.438	7	12.6	0
200	2001	83	2030	8	0	2	0	0.441	7	12.55	0.01
200	2001	83	2045	8	0	2	0	0.449	8	12.51	0.06
200	2001	83	2100	8	0	2	0	0.469	10	12.45	0.17
200	2001	83	2115	8	6	1	1	0.485	51	12.4	0.06
200	2001	83	2130	8	0	1	0	0.504	51	12.34	0.03
200	2001	83	2145	8	0	1	0	0.514	64	12.25	0
200	2001	83	2200	8	0	1	0	0.514	57	12.2	0
200	2001	83	2215	8	0	1	0	0.514	66	12.13	0
200	2001	83	2230	8	0	1	0	0.511	88	12.07	0
200	2001	83	2245	8	0	1	0	0.508	71	12	0
200	2001	83	2300	8	7	2	1	0.512	49	11.96	0
200	2001	83	2315	8	0	2	0	0.514	40	11.88	0
200	2001	83	2330	8	0	2	0	0.515	39	11.81	0
200	2001	83	2345	8	0	2	0	0.52	34	11.75	0
200	2001	83	2400	8	0	2	0	0.521	27	11.69	0
200	2001	84	15	8	8	2	1	0.524	23	11.63	0
200	2001	84	30	8	0	2	0	0.527	20	11.55	0
200	2001	84	45	8	0	2	0	0.53	18	11.49	0
200	2001	84	100	8	0	2	0	0.532	16	11.42	0.01
200	2001	84	115	8	0	2	0	0.533	14	11.36	0
200	2001	84	130	8	0	2	0	0.533	14	11.32	0
200	2001	84	145	8	0	2	0	0.533	12	11.25	0
200	2001	84	200	8	0	2	0	0.538	13	11.22	0
200	2001	84	215	8	0	2	0	0.539	13	11.14	0
200	2001	84	230	8	0	2	0	0.545	12	11.08	0
200	2001	84	245	8	0	2	0	0.547	11	11.05	0
200	2001	84	300	8	0	2	0	0.549	13	11	0
200	2001	84	315	8	0	2	0	0.553	12	10.93	0
200	2001	84	330	8	0	2	0	0.56	12	10.89	0
200	2001	84	345	8	0	2	0	0.574	11	10.84	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	84	400	8	0	2	0	0.606	14	10.76	0
200	2001	84	415	8	0	2	0	0.638	15	10.69	0
200	2001	84	430	8	0	1	0	0.657	16	10.63	0
200	2001	84	445	8	0	1	0	0.667	16	10.55	0
200	2001	84	500	8	0	1	0	0.671	17	10.48	0
200	2001	84	515	8	0	1	0	0.675	17	10.41	0
200	2001	84	530	8	0	1	0	0.678	16	10.33	0
200	2001	84	545	8	0	1	0	0.679	16	10.28	0
200	2001	84	600	8	0	1	0	0.682	16	10.22	0
200	2001	84	615	8	0	1	0	0.684	15	10.16	0
200	2001	84	630	8	0	1	0	0.686	14	10.11	0
200	2001	84	645	8	0	1	0	0.687	14	10.07	0
200	2001	84	700	8	0	1	0	0.687	13	10.02	0
200	2001	84	715	8	0	1	0	0.686	13	9.98	0
200	2001	84	730	8	0	1	0	0.685	14	9.96	0
200	2001	84	745	8	0	1	0	0.682	15	9.94	0
200	2001	84	800	8	0	1	0	0.679	16	9.9	0
200	2001	84	815	8	0	1	0	0.675	15	9.9	0
200	2001	84	830	8	0	1	0	0.673	17	9.92	0
200	2001	84	845	8	0	1	0	0.669	17	9.96	0
200	2001	84	900	8	0	1	0	0.668	18	10.01	0
200	2001	84	915	8	0	1	0	0.663	17	10.07	0
200	2001	84	930	8	0	1	0	0.661	17	10.2	0
200	2001	84	945	8	0	1	0	0.657	19	10.27	0
200	2001	84	1000	8	0	1	0	0.655	18	10.4	0
200	2001	84	1015	8	0	1	0	0.651	18	10.55	0
200	2001	84	1030	8	0	1	0	0.649	19	10.62	0
200	2001	84	1045	8	0	1	0	0.645	21	10.75	0
200	2001	84	1100	8	9	1	1	0.643	21	10.83	0
200	2001	84	1115	8	0	1	0	0.64	21	10.89	0
200	2001	84	1130	8	0	1	0	0.637	20	11.07	0
200	2001	84	1145	8	0	1	0	0.634	20	11.17	0
200	2001	84	1200	8	0	1	0	0.632	20	11.15	0
200	2001	84	1215	8	0	1	0	0.629	22	11.13	0
200	2001	84	1230	8	0	1	0	0.627	21	11.16	0
200	2001	84	1245	8	0	1	0	0.626	22	11.2	0
200	2001	84	1300	8	0	1	0	0.622	24	11.22	0
200	2001	84	1315	8	0	1	0	0.621	25	11.23	0
200	2001	84	1330	8	0	1	0	0.618	24	11.24	0
200	2001	84	1345	8	0	1	0	0.616	26	11.25	0
200	2001	84	1400	8	0	1	0	0.614	27	11.24	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	84	1415	8	0	1	0	0.611	27	11.21	0
200	2001	84	1430	8	0	1	0	0.611	26	11.2	0
200	2001	84	1445	8	0	1	0	0.608	27	11.19	0
200	2001	84	1500	8	0	1	0	0.606	28	11.16	0
200	2001	84	1515	8	0	1	0	0.604	27	11.14	0
200	2001	84	1530	8	0	1	0	0.602	27	11.1	0
200	2001	84	1545	8	0	1	0	0.6	27	11.08	0
200	2001	84	1600	8	0	1	0	0.598	27	11.06	0
200	2001	84	1615	8	0	1	0	0.596	28	11.03	0
200	2001	84	1630	8	0	1	0	0.595	27	11.02	0
200	2001	84	1645	8	0	1	0	0.591	27	11.02	0
200	2001	84	1700	8	0	1	0	0.59	27	11.03	0
200	2001	84	1715	8	0	1	0	0.588	27	11.02	0
200	2001	84	1730	8	0	1	0	0.588	26	10.99	0
200	2001	84	1745	8	0	1	0	0.586	25	10.98	0
200	2001	84	1800	8	0	1	0	0.584	25	10.95	0
200	2001	84	1815	8	0	1	0	0.582	25	10.93	0
200	2001	84	1830	8	0	1	0	0.579	26	10.88	0
200	2001	84	1845	8	0	1	0	0.577	25	10.86	0
200	2001	84	1900	8	0	1	0	0.577	24	10.82	0
200	2001	84	1915	8	0	1	0	0.576	25	10.78	0
200	2001	84	1930	8	0	1	0	0.573	26	10.73	0
200	2001	84	1945	8	0	2	0	0.573	22	10.69	0
200	2001	84	2000	8	0	2	0	0.571	21	10.62	0
200	2001	84	2015	8	0	2	0	0.57	20	10.58	0
200	2001	84	2030	8	0	2	0	0.57	20	10.51	0
200	2001	84	2045	8	0	2	0	0.569	20	10.47	0
200	2001	84	2100	8	0	2	0	0.567	20	10.42	0
200	2001	84	2115	8	0	2	0	0.567	20	10.39	0
200	2001	84	2130	8	0	2	0	0.565	19	10.34	0
200	2001	84	2145	8	0	2	0	0.564	18	10.3	0
200	2001	84	2200	8	0	2	0	0.561	18	10.25	0
200	2001	84	2215	8	0	2	0	0.56	17	10.2	0
200	2001	84	2230	8	0	2	0	0.56	18	10.16	0
200	2001	84	2245	8	0	2	0	0.559	17	10.13	0
200	2001	84	2300	8	0	2	0	0.559	17	10.1	0
200	2001	84	2315	8	0	2	0	0.559	18	10.06	0
200	2001	84	2330	8	0	2	0	0.556	17	10.03	0
200	2001	84	2345	8	0	2	0	0.556	16	10.01	0
200	2001	84	2400	8	0	2	0	0.554	16	9.98	0
200	2001	85	15	8	0	2	0	0.553	16	9.95	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	85	30	8	0	2	0	0.553	17	9.92	0
200	2001	85	45	8	0	2	0	0.553	17	9.9	0
200	2001	85	100	8	0	2	0	0.553	16	9.86	0
200	2001	85	115	8	0	2	0	0.552	17	9.86	0
200	2001	85	130	8	0	2	0	0.549	16	9.83	0
200	2001	85	145	8	0	2	0	0.55	16	9.82	0
200	2001	85	200	8	0	2	0	0.55	15	9.8	0
200	2001	85	215	8	0	2	0	0.548	16	9.79	0
200	2001	85	230	8	0	2	0	0.547	15	9.74	0
200	2001	85	245	8	0	2	0	0.546	14	9.74	0
200	2001	85	300	8	0	2	0	0.546	16	9.73	0
200	2001	85	315	8	0	2	0	0.546	14	9.71	0
200	2001	85	330	8	0	2	0	0.545	16	9.7	0
200	2001	85	345	8	0	2	0	0.544	15	9.68	0
200	2001	85	400	8	0	2	0	0.544	15	9.65	0
200	2001	85	415	8	0	2	0	0.542	15	9.63	0
200	2001	85	430	8	0	2	0	0.541	16	9.61	0
200	2001	85	445	8	0	2	0	0.54	14	9.58	0
200	2001	85	500	8	0	2	0	0.54	14	9.54	0
200	2001	85	515	8	0	2	0	0.54	15	9.53	0
200	2001	85	530	8	0	2	0	0.54	14	9.48	0
200	2001	85	545	8	0	2	0	0.539	14	9.47	0
200	2001	85	600	8	0	2	0	0.539	13	9.41	0
200	2001	85	615	8	0	2	0	0.539	15	9.41	0
200	2001	85	630	8	0	2	0	0.537	13	9.41	0
200	2001	85	645	8	0	2	0	0.537	14	9.36	0
200	2001	85	700	8	0	2	0	0.536	14	9.34	0
200	2001	85	715	8	0	2	0	0.536	14	9.34	0
200	2001	85	730	8	0	2	0	0.536	14	9.35	0
200	2001	85	745	8	0	2	0	0.535	15	9.34	0
200	2001	85	800	8	0	2	0	0.534	14	9.34	0
200	2001	85	815	8	0	2	0	0.534	15	9.33	0
200	2001	85	830	8	0	2	0	0.533	13	9.36	0
200	2001	85	845	8	0	2	0	0.534	13	9.41	0
200	2001	85	900	8	0	2	0	0.533	14	9.47	0
200	2001	85	915	8	0	2	0	0.531	15	9.54	0
200	2001	85	930	8	0	2	0	0.529	14	9.63	0
200	2001	85	945	8	0	2	0	0.53	16	9.72	0
200	2001	85	1000	8	0	2	0	0.53	14	9.77	0
200	2001	85	1015	8	0	2	0	0.532	14	9.79	0
200	2001	85	1030	8	0	2	0	0.527	16	9.95	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	85	1045	8	0	2	0	0.529	15	10.11	0
200	2001	85	1100	8	0	2	0	0.531	16	10.34	0
200	2001	85	1115	8	0	2	0	0.528	15	10.55	0
200	2001	85	1130	8	0	2	0	0.527	14	10.76	0
200	2001	85	1145	8	0	2	0	0.532	16	10.92	0
200	2001	85	1200	8	0	2	0	0.529	16	11.09	0
200	2001	85	1215	8	0	2	0	0.529	15	11.18	0
200	2001	85	1230	8	0	2	0	0.527	16	11.45	0
200	2001	85	1245	8	0	2	0	0.526	16	11.67	0
200	2001	85	1300	8	0	2	0	0.527	15	11.84	0
200	2001	85	1315	8	0	1	0	0.527	18	12.05	0
200	2001	85	1330	8	0	1	0	0.527	16	12.25	0
200	2001	85	1345	8	0	1	0	0.524	17	12.39	0
200	2001	85	1400	8	0	1	0	0.526	17	12.43	0
200	2001	85	1415	8	0	1	0	0.522	17	12.4	0
200	2001	85	1430	8	0	1	0	0.522	17	12.4	0
200	2001	85	1445	8	0	1	0	0.521	18	12.41	0
200	2001	85	1500	8	0	1	0	0.52	17	12.36	0
200	2001	85	1515	8	0	2	0	0.52	4	12.33	0
200	2001	85	1530	8	0	2	0	0.519	12	12.39	0
200	2001	85	1545	8	0	1	0	0.519	13	12.36	0
200	2001	85	1600	8	0	1	0	0.523	12	12.28	0
200	2001	85	1615	8	0	1	0	0.518	12	12.2	0
200	2001	85	1630	8	0	1	0	0.518	12	12.09	0
200	2001	85	1645	8	0	1	0	0.518	12	11.95	0
200	2001	85	1700	8	0	1	0	0.516	11	11.86	0
200	2001	85	1715	8	0	1	0	0.515	10	11.77	0
200	2001	85	1730	8	0	1	0	0.513	12	11.71	0
200	2001	85	1745	8	0	1	0	0.514	11	11.62	0
200	2001	85	1800	8	0	1	0	0.513	10	11.51	0
200	2001	85	1815	8	0	1	0	0.513	10	11.41	0
200	2001	85	1830	8	0	1	0	0.512	10	11.28	0
200	2001	85	1845	8	0	1	0	0.511	10	11.19	0
200	2001	85	1900	8	0	1	0	0.51	10	11.08	0
200	2001	85	1915	8	0	1	0	0.51	10	10.99	0
200	2001	85	1930	8	0	1	0	0.507	10	10.91	0
200	2001	85	1945	8	0	1	0	0.507	11	10.81	0
200	2001	85	2000	8	0	1	0	0.507	10	10.72	0
200	2001	85	2015	8	0	1	0	0.507	11	10.61	0
200	2001	85	2030	8	0	1	0	0.507	11	10.52	0
200	2001	85	2045	8	0	1	0	0.506	12	10.41	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	85	2100	8	0	1	0	0.505	11	10.31	0
200	2001	85	2115	8	0	1	0	0.506	10	10.2	0
200	2001	85	2130	8	0	1	0	0.503	10	10.11	0
200	2001	85	2145	8	0	1	0	0.502	10	10.01	0
200	2001	85	2200	8	0	1	0	0.502	9	9.91	0
200	2001	85	2215	8	0	1	0	0.502	9	9.82	0
200	2001	85	2230	8	0	1	0	0.501	10	9.74	0
200	2001	85	2245	8	0	1	0	0.501	10	9.66	0
200	2001	85	2300	8	0	1	0	0.502	9	9.57	0
200	2001	85	2315	8	0	1	0	0.501	9	9.49	0
200	2001	85	2330	8	0	1	0	0.502	9	9.42	0
200	2001	85	2345	8	0	1	0	0.502	10	9.34	0
200	2001	85	2400	8	0	1	0	0.503	9	9.27	0
200	2001	86	15	8	0	1	0	0.502	10	9.19	0
200	2001	86	30	8	0	1	0	0.501	9	9.15	0
200	2001	86	45	8	0	1	0	0.502	10	9.09	0
200	2001	86	100	8	0	1	0	0.501	9	9.02	0
200	2001	86	115	8	0	1	0	0.501	10	8.96	0
200	2001	86	130	8	0	2	0	0.503	8	8.9	0
200	2001	86	145	8	0	2	0	0.503	8	8.85	0
200	2001	86	200	8	0	2	0	0.502	9	8.79	0
200	2001	86	215	8	0	2	0	0.497	8	8.75	0
200	2001	86	230	8	0	2	0	0.502	8	8.67	0
200	2001	86	245	8	0	2	0	0.502	9	8.62	0
200	2001	86	300	8	0	2	0	0.502	11	8.57	0
200	2001	86	315	8	0	2	0	0.502	9	8.52	0
200	2001	86	330	8	0	2	0	0.504	9	8.46	0
200	2001	86	345	8	0	2	0	0.503	8	8.41	0
200	2001	86	400	8	0	2	0	0.503	9	8.39	0
200	2001	86	415	8	0	2	0	0.504	9	8.36	0
200	2001	86	430	8	0	2	0	0.505	8	8.33	0
200	2001	86	445	8	0	2	0	0.506	8	8.3	0
200	2001	86	500	8	0	2	0	0.506	8	8.29	0
200	2001	86	515	8	0	2	0	0.505	8	8.26	0
200	2001	86	530	8	0	2	0	0.503	8	8.24	0
200	2001	86	545	8	0	2	0	0.502	8	8.21	0
200	2001	86	600	8	0	2	0	0.503	8	8.18	0
200	2001	86	615	8	0	2	0	0.503	9	8.15	0
200	2001	86	630	8	0	2	0	0.505	9	8.14	0
200	2001	86	645	8	0	2	0	0.508	8	8.11	0
200	2001	86	700	8	0	2	0	0.508	8	8.09	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	86	715	8	0	2	0	0.509	9	8.08	0
200	2001	86	730	8	0	2	0	0.504	9	8.09	0
200	2001	86	745	8	0	2	0	0.503	8	8.08	0
200	2001	86	800	8	0	2	0	0.502	9	8.1	0
200	2001	86	815	8	0	2	0	0.502	9	8.14	0
200	2001	86	830	8	0	2	0	0.501	8	8.2	0
200	2001	86	845	8	0	2	0	0.496	8	8.25	0
200	2001	86	900	8	0	2	0	0.495	8	8.36	0
200	2001	86	915	8	0	2	0	0.493	10	8.53	0
200	2001	86	930	8	0	2	0	0.488	9	8.66	0
200	2001	86	945	8	0	2	0	0.485	9	8.82	0
200	2001	86	1000	8	0	2	0	0.485	9	8.87	0
200	2001	86	1015	8	0	2	0	0.484	9	8.98	0
200	2001	86	1030	8	0	2	0	0.482	9	9.15	0
200	2001	86	1045	8	0	2	0	0.482	10	9.31	0
200	2001	86	1100	8	0	2	0	0.482	9	9.5	0
200	2001	86	1115	8	0	2	0	0.482	8	9.82	0
200	2001	86	1130	8	0	2	0	0.483	8	9.97	0
200	2001	86	1145	8	0	2	0	0.482	9	10.08	0
200	2001	86	1200	8	0	2	0	0.481	8	10.2	0
200	2001	86	1215	8	0	2	0	0.481	8	10.32	0
200	2001	86	1230	8	0	2	0	0.483	7	10.46	0
200	2001	86	1245	8	0	2	0	0.483	8	10.63	0
200	2001	86	1300	8	0	2	0	0.481	8	10.77	0
200	2001	86	1315	8	0	2	0	0.481	9	10.89	0
200	2001	86	1330	8	0	2	0	0.481	8	10.96	0
200	2001	86	1345	8	0	2	0	0.481	8	11.02	0
200	2001	86	1400	8	0	2	0	0.482	7	11.05	0
200	2001	86	1415	8	0	2	0	0.48	8	11.06	0
200	2001	86	1430	8	0	2	0	0.479	9	11.09	0
200	2001	86	1445	8	0	2	0	0.479	8	11.09	0
200	2001	86	1500	8	0	2	0	0.479	9	11.1	0
200	2001	86	1515	8	0	2	0	0.48	8	11.13	0
200	2001	86	1530	8	0	2	0	0.479	9	11.12	0
200	2001	86	1545	8	0	2	0	0.479	9	11.1	0
200	2001	86	1600	8	0	2	0	0.479	9	11.08	0
200	2001	86	1615	8	0	2	0	0.478	9	11.08	0
200	2001	86	1630	8	0	2	0	0.478	9	11.04	0
200	2001	86	1645	8	0	2	0	0.475	8	10.97	0
200	2001	86	1700	8	0	2	0	0.477	8	10.96	0
200	2001	86	1715	8	0	2	0	0.476	8	10.9	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	86	1730	8	0	2	0	0.476	7	10.85	0
200	2001	86	1745	8	0	2	0	0.475	9	10.78	0
200	2001	86	1800	8	0	2	0	0.476	8	10.75	0
200	2001	86	1815	8	0	2	0	0.475	8	10.69	0
200	2001	86	1830	8	0	2	0	0.475	9	10.64	0
200	2001	86	1845	8	0	2	0	0.475	9	10.58	0
200	2001	86	1900	8	0	2	0	0.475	7	10.55	0
200	2001	86	1915	8	0	2	0	0.475	8	10.5	0.01
200	2001	86	1930	8	0	2	0	0.475	9	10.48	0.01
200	2001	86	1945	8	0	2	0	0.477	8	10.43	0.02
200	2001	86	2000	8	0	2	0	0.48	9	10.42	0.05
200	2001	86	2015	8	0	2	0	0.482	10	10.38	0.04
200	2001	86	2030	8	0	2	0	0.488	9	10.36	0.04
200	2001	86	2045	8	0	2	0	0.496	9	10.33	0.08
200	2001	86	2100	8	0	1	0	0.501	15	10.31	0.04
200	2001	86	2115	8	0	1	0	0.501	14	10.28	0.02
200	2001	86	2130	8	0	1	0	0.507	13	10.26	0.01
200	2001	86	2145	8	0	1	0	0.507	17	10.25	0
200	2001	86	2200	8	0	1	0	0.507	18	10.25	0.01
200	2001	86	2215	8	0	1	0	0.514	19	10.23	0.06
200	2001	86	2230	8	0	1	0	0.515	23	10.19	0.02
200	2001	86	2245	8	10	1	1	0.52	25	10.19	0.01
200	2001	86	2300	8	0	1	0	0.526	23	10.17	0.02
200	2001	86	2315	8	0	1	0	0.527	24	10.14	0.01
200	2001	86	2330	8	0	1	0	0.529	25	10.13	0
200	2001	86	2345	8	0	1	0	0.526	24	10.12	0.01
200	2001	86	2400	8	0	1	0	0.527	24	10.09	0
200	2001	87	15	8	0	1	0	0.527	24	10.1	0
200	2001	87	30	8	0	1	0	0.527	24	10.07	0
200	2001	87	45	8	0	1	0	0.528	23	10.05	0.01
200	2001	87	100	8	0	2	0	0.527	20	10.04	0
200	2001	87	115	8	0	2	0	0.531	20	10.02	0
200	2001	87	130	8	0	2	0	0.533	18	10.02	0
200	2001	87	145	8	0	2	0	0.534	16	10.01	0
200	2001	87	200	8	0	2	0	0.539	15	9.97	0
200	2001	87	215	8	0	2	0	0.541	14	9.96	0
200	2001	87	230	8	0	2	0	0.545	12	9.96	0
200	2001	87	245	8	0	2	0	0.546	13	9.95	0
200	2001	87	300	8	0	2	0	0.551	13	9.93	0
200	2001	87	315	8	0	2	0	0.558	13	9.91	0
200	2001	87	330	8	0	2	0	0.569	12	9.91	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	87	345	8	0	2	0	0.616	13	9.88	0
200	2001	87	400	8	0	2	0	0.699	14	9.88	0
200	2001	87	415	8	0	2	0	0.742	15	9.83	0
200	2001	87	430	8	0	2	0	0.769	16	9.8	0
200	2001	87	445	8	0	2	0	0.785	15	9.79	0
200	2001	87	500	8	0	2	0	0.801	16	9.75	0
200	2001	87	515	8	0	1	0	0.811	18	9.7	0
200	2001	87	530	8	0	1	0	0.82	16	9.67	0
200	2001	87	545	8	0	1	0	0.827	17	9.64	0
200	2001	87	600	8	0	1	0	0.833	17	9.59	0
200	2001	87	615	8	0	1	0	0.838	17	9.58	0
200	2001	87	630	8	0	1	0	0.841	17	9.55	0
200	2001	87	645	8	0	1	0	0.843	19	9.54	0
200	2001	87	700	8	0	1	0	0.842	19	9.52	0.01
200	2001	87	715	8	0	1	0	0.846	21	9.49	0
200	2001	87	730	8	11	1	1	0.85	21	9.49	0
200	2001	87	745	8	0	1	0	0.845	24	9.51	0.01
200	2001	87	800	8	0	1	0	0.849	27	9.52	0
200	2001	87	815	8	0	1	0	0.849	32	9.54	0
200	2001	87	830	8	0	1	0	0.845	35	9.57	0
200	2001	87	845	8	0	1	0	0.842	39	9.62	0
200	2001	87	900	8	0	1	0	0.842	42	9.67	0
200	2001	87	915	8	0	1	0	0.837	44	9.72	0
200	2001	87	930	8	0	1	0	0.836	44	9.79	0
200	2001	87	945	8	0	1	0	0.838	46	9.88	0
200	2001	87	1000	8	0	1	0	0.831	45	9.96	0
200	2001	87	1015	8	0	1	0	0.826	44	10.02	0
200	2001	87	1030	8	0	1	0	0.827	43	10.13	0
200	2001	87	1045	8	0	1	0	0.823	43	10.23	0
200	2001	87	1100	8	0	1	0	0.821	42	10.28	0
200	2001	87	1115	8	0	2	0	0.818	41	10.37	0
200	2001	87	1130	8	0	2	0	0.815	40	10.45	0
200	2001	87	1145	8	0	2	0	0.814	40	10.5	0
200	2001	87	1200	8	0	2	0	0.813	39	10.56	0
200	2001	87	1215	8	0	2	0	0.809	39	10.64	0
200	2001	87	1230	8	0	2	0	0.808	38	10.69	0
200	2001	87	1245	8	0	2	0	0.804	38	10.72	0
200	2001	87	1300	8	0	2	0	0.802	38	10.77	0
200	2001	87	1315	8	0	2	0	0.797	38	10.77	0
200	2001	87	1330	8	0	2	0	0.798	37	10.76	0
200	2001	87	1345	8	0	2	0	0.794	37	10.81	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	87	1400	8	0	2	0	0.792	36	10.79	0
200	2001	87	1415	8	0	2	0	0.788	37	10.82	0
200	2001	87	1430	8	0	2	0	0.787	36	10.83	0
200	2001	87	1445	8	0	2	0	0.786	37	10.84	0
200	2001	87	1500	8	0	2	0	0.782	36	10.82	0
200	2001	87	1515	8	0	2	0	0.781	35	10.83	0
200	2001	87	1530	8	0	2	0	0.779	36	10.81	0
200	2001	87	1545	8	0	2	0	0.776	35	10.8	0
200	2001	87	1600	8	0	2	0	0.774	35	10.79	0
200	2001	87	1615	8	0	2	0	0.771	35	10.75	0
200	2001	87	1630	8	0	2	0	0.771	35	10.73	0
200	2001	87	1645	8	0	2	0	0.768	34	10.68	0
200	2001	87	1700	8	0	2	0	0.765	34	10.65	0
200	2001	87	1715	8	0	2	0	0.764	34	10.61	0
200	2001	87	1730	8	0	2	0	0.762	33	10.6	0
200	2001	87	1745	8	0	2	0	0.761	33	10.57	0
200	2001	87	1800	8	0	2	0	0.757	33	10.55	0
200	2001	87	1815	8	0	2	0	0.758	33	10.52	0
200	2001	87	1830	8	0	2	0	0.756	32	10.48	0
200	2001	87	1845	8	0	2	0	0.754	33	10.45	0
200	2001	87	1900	8	0	2	0	0.756	31	10.44	0
200	2001	87	1915	8	0	2	0	0.753	33	10.39	0
200	2001	87	1930	8	0	2	0	0.75	32	10.38	0
200	2001	87	1945	8	0	2	0	0.748	35	10.36	0
200	2001	87	2000	8	0	2	0	0.746	33	10.34	0
200	2001	87	2015	8	0	2	0	0.744	30	10.32	0
200	2001	87	2030	8	0	2	0	0.743	31	10.32	0
200	2001	87	2045	8	0	2	0	0.741	31	10.28	0
200	2001	87	2100	8	0	2	0	0.738	31	10.25	0
200	2001	87	2115	8	12	2	1	0.738	29	10.24	0
200	2001	87	2130	8	0	2	0	0.737	29	10.21	0
200	2001	87	2145	8	0	2	0	0.736	30	10.19	0
200	2001	87	2200	8	0	2	0	0.733	30	10.18	0
200	2001	87	2215	8	0	2	0	0.733	29	10.16	0
200	2001	87	2230	8	0	2	0	0.731	30	10.15	0
200	2001	87	2245	8	0	2	0	0.73	29	10.14	0
200	2001	87	2300	8	0	2	0	0.728	29	10.13	0
200	2001	87	2315	8	0	2	0	0.726	28	10.09	0
200	2001	87	2330	8	0	2	0	0.725	28	10.1	0
200	2001	87	2345	8	0	2	0	0.725	29	10.06	0
200	2001	87	2400	8	0	2	0	0.725	28	10.05	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	88	15	8	0	2	0	0.722	29	10.03	0
200	2001	88	30	8	0	2	0	0.723	27	10.02	0
200	2001	88	45	8	0	2	0	0.719	26	10.01	0
200	2001	88	100	8	0	2	0	0.718	27	10	0
200	2001	88	115	8	0	1	0	0.715	34	10	0
200	2001	88	130	8	0	1	0	0.714	44	9.98	0
200	2001	88	145	8	0	1	0	0.714	27	9.98	0
200	2001	88	200	8	13	2	1	0.712	26	9.98	0
200	2001	88	215	8	0	2	0	0.711	26	9.96	0
200	2001	88	230	8	0	2	0	0.71	25	9.95	0
200	2001	88	245	8	0	2	0	0.708	25	9.94	0
200	2001	88	300	8	0	2	0	0.706	26	9.93	0
200	2001	88	315	8	0	2	0	0.705	25	9.93	0
200	2001	88	330	8	0	2	0	0.705	27	9.91	0
200	2001	88	345	8	0	2	0	0.703	26	9.92	0
200	2001	88	400	8	0	2	0	0.704	25	9.91	0
200	2001	88	415	8	0	2	0	0.7	26	9.91	0
200	2001	88	430	8	0	2	0	0.7	25	9.89	0
200	2001	88	445	8	0	2	0	0.7	26	9.89	0
200	2001	88	500	8	0	2	0	0.699	26	9.88	0
200	2001	88	515	8	0	2	0	0.696	26	9.88	0
200	2001	88	530	8	0	2	0	0.697	28	9.88	0
200	2001	88	545	8	0	2	0	0.694	24	9.88	0
200	2001	88	600	8	0	2	0	0.694	25	9.88	0
200	2001	88	615	8	0	2	0	0.692	25	9.87	0
200	2001	88	630	8	0	2	0	0.69	26	9.87	0
200	2001	88	645	8	0	2	0	0.691	25	9.87	0
200	2001	88	700	8	0	2	0	0.69	24	9.86	0
200	2001	88	715	8	0	2	0	0.686	25	9.87	0
200	2001	88	730	8	0	2	0	0.686	25	9.88	0
200	2001	88	745	8	0	2	0	0.686	25	9.88	0
200	2001	88	800	8	0	2	0	0.684	24	9.91	0
200	2001	88	815	8	0	2	0	0.684	25	9.92	0
200	2001	88	830	8	0	2	0	0.684	25	9.95	0
200	2001	88	845	8	0	2	0	0.681	25	9.97	0
200	2001	88	900	8	0	2	0	0.681	23	9.98	0
200	2001	88	915	8	0	2	0	0.68	23	10	0
200	2001	88	930	8	0	2	0	0.678	23	10.03	0
200	2001	88	945	8	0	2	0	0.678	25	10.07	0
200	2001	88	1000	8	0	2	0	0.679	24	10.11	0
200	2001	88	1015	8	0	2	0	0.675	25	10.16	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	88	1030	8	0	2	0	0.675	25	10.21	0
200	2001	88	1045	8	0	2	0	0.673	24	10.27	0
200	2001	88	1100	8	0	2	0	0.673	23	10.37	0.01
200	2001	88	1115	8	0	2	0	0.674	24	10.54	0
200	2001	88	1130	8	0	2	0	0.672	24	10.66	0
200	2001	88	1145	8	0	2	0	0.672	23	10.79	0
200	2001	88	1200	8	0	2	0	0.671	23	10.9	0
200	2001	88	1215	8	0	2	0	0.671	24	11.04	0
200	2001	88	1230	8	0	2	0	0.671	23	11.25	0
200	2001	88	1245	8	0	2	0	0.669	24	11.42	0
200	2001	88	1300	8	0	2	0	0.668	22	11.59	0
200	2001	88	1315	8	0	2	0	0.667	22	11.62	0
200	2001	88	1330	8	0	2	0	0.667	24	11.77	0
200	2001	88	1345	8	0	2	0	0.667	23	11.78	0
200	2001	88	1400	8	0	2	0	0.665	22	11.96	0
200	2001	88	1415	8	0	2	0	0.665	23	12.06	0
200	2001	88	1430	8	0	2	0	0.662	22	12.08	0
200	2001	88	1445	8	0	2	0	0.663	23	12.01	0
200	2001	88	1500	8	0	2	0	0.662	24	12.04	0
200	2001	88	1515	8	0	2	0	0.66	23	11.99	0
200	2001	88	1530	8	0	2	0	0.659	22	11.97	0
200	2001	88	1545	8	0	2	0	0.658	21	11.98	0
200	2001	88	1600	8	0	2	0	0.608	20	11.92	0
200	2001	88	1615	8	0	2	0	0.609	21	11.86	0
200	2001	88	1630	8	0	2	0	0.609	19	11.77	0
200	2001	88	1645	8	0	2	0	0.606	18	11.71	0
200	2001	88	1700	8	0	2	0	0.605	18	11.65	0
200	2001	88	1715	8	0	2	0	0.604	20	11.56	0
200	2001	88	1730	8	0	2	0	0.602	20	11.5	0
200	2001	88	1745	8	0	2	0	0.602	19	11.42	0
200	2001	88	1800	8	0	2	0	0.599	18	11.34	0
200	2001	88	1815	8	0	2	0	0.599	18	11.28	0
200	2001	88	1830	8	0	2	0	0.598	18	11.2	0
200	2001	88	1845	8	0	2	0	0.598	18	11.12	0
200	2001	88	1900	8	0	2	0	0.596	18	11.07	0
200	2001	88	1915	8	0	2	0	0.595	17	11.02	0
200	2001	88	1930	8	0	2	0	0.594	18	10.99	0
200	2001	88	1945	8	0	2	0	0.593	18	10.95	0
200	2001	88	2000	8	0	2	0	0.592	17	10.91	0
200	2001	88	2015	8	0	2	0	0.591	17	10.89	0
200	2001	88	2030	8	0	2	0	0.59	17	10.85	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	88	2045	8	0	2	0	0.589	17	10.81	0
200	2001	88	2100	8	0	2	0	0.587	20	10.8	0
200	2001	88	2115	8	0	2	0	0.587	17	10.76	0
200	2001	88	2130	8	0	2	0	0.587	18	10.72	0
200	2001	88	2145	8	0	2	0	0.586	18	10.7	0
200	2001	88	2200	8	0	2	0	0.585	18	10.68	0
200	2001	88	2215	8	0	2	0	0.582	19	10.66	0
200	2001	88	2230	8	0	2	0	0.582	17	10.64	0
200	2001	88	2245	8	0	2	0	0.581	17	10.61	0
200	2001	88	2300	8	0	2	0	0.581	17	10.6	0
200	2001	88	2315	8	0	2	0	0.58	17	10.57	0
200	2001	88	2330	8	0	2	0	0.58	16	10.55	0
200	2001	88	2345	8	0	2	0	0.578	17	10.53	0
200	2001	88	2400	8	0	2	0	0.577	17	10.51	0
200	2001	89	15	8	0	2	0	0.577	18	10.47	0
200	2001	89	30	8	0	2	0	0.574	16	10.46	0
200	2001	89	45	8	0	2	0	0.574	18	10.43	0
200	2001	89	100	8	0	2	0	0.574	17	10.4	0
200	2001	89	115	8	0	2	0	0.573	16	10.38	0
200	2001	89	130	8	0	2	0	0.572	16	10.35	0
200	2001	89	145	8	0	2	0	0.57	16	10.33	0
200	2001	89	200	8	0	2	0	0.569	18	10.32	0
200	2001	89	215	8	0	2	0	0.568	16	10.29	0
200	2001	89	230	8	0	2	0	0.568	17	10.25	0
200	2001	89	245	8	0	2	0	0.568	16	10.24	0
200	2001	89	300	8	0	2	0	0.567	16	10.21	0
200	2001	89	315	8	0	2	0	0.566	17	10.19	0
200	2001	89	330	8	0	2	0	0.565	16	10.17	0
200	2001	89	345	8	0	2	0	0.566	16	10.15	0
200	2001	89	400	8	0	2	0	0.564	16	10.12	0
200	2001	89	415	8	0	2	0	0.563	17	10.1	0
200	2001	89	430	8	0	2	0	0.562	16	10.07	0
200	2001	89	445	8	0	2	0	0.562	16	10.04	0
200	2001	89	500	8	0	2	0	0.562	16	10.02	0
200	2001	89	515	8	0	2	0	0.562	15	10.01	0
200	2001	89	530	8	0	2	0	0.559	16	9.99	0
200	2001	89	545	8	0	2	0	0.561	16	9.96	0
200	2001	89	600	8	0	2	0	0.56	16	9.94	0
200	2001	89	615	8	0	2	0	0.559	15	9.93	0
200	2001	89	630	8	0	2	0	0.557	14	9.9	0
200	2001	89	645	8	0	2	0	0.556	15	9.88	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	89	700	8	0	2	0	0.556	16	9.88	0
200	2001	89	715	8	0	2	0	0.555	15	9.86	0
200	2001	89	730	8	0	2	0	0.555	15	9.86	0
200	2001	89	745	8	0	2	0	0.555	15	9.87	0
200	2001	89	800	8	0	2	0	0.554	15	9.88	0
200	2001	89	815	8	0	2	0	0.554	16	9.89	0
200	2001	89	830	8	0	2	0	0.552	15	9.91	0
200	2001	89	845	8	0	2	0	0.554	15	9.96	0
200	2001	89	900	8	0	2	0	0.552	13	10.02	0
200	2001	89	915	8	0	2	0	0.552	15	10.13	0
200	2001	89	930	8	0	2	0	0.55	16	10.23	0
200	2001	89	945	8	0	2	0	0.55	17	10.34	0
200	2001	89	1000	8	0	2	0	0.55	15	10.44	0
200	2001	89	1015	8	0	2	0	0.55	15	10.56	0
200	2001	89	1030	8	0	2	0	0.549	16	10.7	0
200	2001	89	1045	8	0	2	0	0.551	15	10.87	0
200	2001	89	1100	8	0	2	0	0.549	15	11.04	0
200	2001	89	1115	8	0	2	0	0.548	15	11.24	0
200	2001	89	1130	8	0	2	0	0.549	13	11.42	0
200	2001	89	1145	8	0	2	0	0.549	14	11.61	0
200	2001	89	1200	8	0	2	0	0.549	16	11.81	0
200	2001	89	1215	8	0	2	0	0.547	14	11.99	0
200	2001	89	1230	8	0	2	0	0.547	14	12.17	0
200	2001	89	1245	8	0	2	0	0.547	16	12.36	0
200	2001	89	1300	8	0	2	0	0.546	16	12.52	0
200	2001	89	1315	8	0	2	0	0.546	14	12.7	0
200	2001	89	1330	8	0	2	0	0.543	14	12.84	0
200	2001	89	1345	8	0	2	0	0.539	16	13.01	0
200	2001	89	1400	8	0	2	0	0.538	15	13.14	0
200	2001	89	1415	8	0	2	0	0.541	15	13.22	0
200	2001	89	1430	8	0	2	0	0.541	14	13.27	0
200	2001	89	1445	8	0	2	0	0.541	16	13.31	0
200	2001	89	1500	8	0	2	0	0.541	16	13.29	0
200	2001	89	1515	8	0	2	0	0.541	17	13.27	0
200	2001	89	1530	8	0	2	0	0.54	15	13.21	0
200	2001	89	1545	8	0	2	0	0.54	16	13.18	0
200	2001	89	1600	8	0	2	0	0.539	15	13.1	0
200	2001	89	1615	8	0	2	0	0.538	15	12.97	0
200	2001	89	1630	8	0	2	0	0.537	14	12.88	0
200	2001	89	1645	8	0	2	0	0.535	16	12.8	0
200	2001	89	1700	8	0	2	0	0.534	14	12.69	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	89	1715	8	0	2	0	0.533	15	12.62	0
200	2001	89	1730	8	0	2	0	0.532	16	12.51	0
200	2001	89	1745	8	0	2	0	0.532	14	12.41	0
200	2001	89	1800	8	0	2	0	0.529	14	12.31	0
200	2001	89	1815	8	0	2	0	0.529	13	12.2	0
200	2001	89	1830	8	0	2	0	0.527	14	12.09	0
200	2001	89	1845	8	0	2	0	0.527	14	11.96	0
200	2001	89	1900	8	0	2	0	0.525	14	11.83	0
200	2001	89	1915	8	0	2	0	0.525	14	11.7	0
200	2001	89	1930	8	0	2	0	0.524	13	11.58	0
200	2001	89	1945	8	0	2	0	0.523	13	11.47	0
200	2001	89	2000	8	0	2	0	0.522	12	11.36	0
200	2001	89	2015	8	0	2	0	0.521	14	11.26	0
200	2001	89	2030	8	0	2	0	0.52	12	11.2	0
200	2001	89	2045	8	0	2	0	0.519	13	11.13	0
200	2001	89	2100	8	0	2	0	0.519	13	11.08	0
200	2001	89	2115	8	0	2	0	0.517	13	11.03	0
200	2001	89	2130	8	0	2	0	0.517	13	11	0
200	2001	89	2145	8	0	2	0	0.516	13	10.96	0
200	2001	89	2200	8	0	2	0	0.516	14	10.92	0
200	2001	89	2215	8	0	2	0	0.514	13	10.91	0
200	2001	89	2230	8	0	2	0	0.513	13	10.88	0
200	2001	89	2245	8	0	2	0	0.513	12	10.85	0
200	2001	89	2300	8	0	2	0	0.511	13	10.83	0
200	2001	89	2315	8	0	2	0	0.51	12	10.81	0
200	2001	89	2330	8	0	2	0	0.51	12	10.77	0
200	2001	89	2345	8	0	2	0	0.51	13	10.76	0
200	2001	89	2400	8	0	2	0	0.508	12	10.74	0
200	2001	90	15	8	0	2	0	0.507	12	10.72	0
200	2001	90	30	8	0	2	0	0.507	12	10.69	0
200	2001	90	45	8	0	2	0	0.506	13	10.67	0
200	2001	90	100	8	0	2	0	0.504	12	10.65	0
200	2001	90	115	8	0	2	0	0.504	12	10.65	0
200	2001	90	130	8	0	2	0	0.503	14	10.61	0
200	2001	90	145	8	0	2	0	0.503	13	10.6	0
200	2001	90	200	8	0	2	0	0.503	13	10.57	0
200	2001	90	215	8	0	2	0	0.502	12	10.55	0
200	2001	90	230	8	0	2	0	0.5	12	10.52	0
200	2001	90	245	8	0	2	0	0.5	12	10.51	0
200	2001	90	300	8	0	2	0	0.499	12	10.49	0
200	2001	90	315	8	0	2	0	0.498	12	10.45	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	90	330	8	0	2	0	0.498	13	10.45	0
200	2001	90	345	8	0	2	0	0.498	12	10.41	0
200	2001	90	400	8	0	2	0	0.498	12	10.41	0
200	2001	90	415	8	0	2	0	0.497	13	10.39	0
200	2001	90	430	8	0	2	0	0.494	12	10.37	0
200	2001	90	445	8	0	2	0	0.496	11	10.34	0
200	2001	90	500	8	0	2	0	0.494	11	10.32	0
200	2001	90	515	8	0	2	0	0.495	12	10.31	0
200	2001	90	530	8	0	2	0	0.493	11	10.28	0
200	2001	90	545	8	0	2	0	0.492	12	10.28	0
200	2001	90	600	8	0	2	0	0.494	11	10.26	0
200	2001	90	615	8	0	2	0	0.491	12	10.24	0
200	2001	90	630	8	0	2	0	0.492	12	10.21	0
200	2001	90	645	8	0	2	0	0.491	12	10.19	0
200	2001	90	700	8	0	2	0	0.491	12	10.19	0
200	2001	90	715	8	0	2	0	0.491	12	10.19	0
200	2001	90	730	8	0	2	0	0.491	11	10.18	0
200	2001	90	745	8	0	2	0	0.491	12	10.18	0
200	2001	90	800	8	0	2	0	0.491	11	10.18	0
200	2001	90	815	8	0	2	0	0.491	11	10.2	0
200	2001	90	830	8	0	2	0	0.488	12	10.19	0
200	2001	90	845	8	0	2	0	0.489	12	10.22	0
200	2001	90	900	8	0	2	0	0.488	11	10.25	0
200	2001	90	915	8	0	2	0	0.486	11	10.3	0
200	2001	90	930	8	0	2	0	0.488	11	10.34	0
200	2001	90	945	8	0	2	0	0.485	11	10.39	0
200	2001	90	1000	8	0	2	0	0.487	12	10.45	0
200	2001	90	1015	8	0	2	0	0.485	11	10.56	0
200	2001	90	1030	8	0	2	0	0.487	11	10.75	0
200	2001	90	1045	8	0	2	0	0.486	12	10.93	0
200	2001	90	1100	8	0	2	0	0.486	12	11.1	0
200	2001	90	1115	8	0	2	0	0.486	11	11.31	0
200	2001	90	1130	8	0	2	0	0.486	11	11.4	0
200	2001	90	1145	8	0	2	0	0.486	11	11.45	0
200	2001	90	1200	8	0	2	0	0.485	11	11.52	0
200	2001	90	1215	8	0	2	0	0.486	11	11.7	0
200	2001	90	1230	8	0	2	0	0.486	13	11.84	0
200	2001	90	1245	8	0	2	0	0.486	11	12.02	0
200	2001	90	1300	8	0	2	0	0.485	12	12.13	0
200	2001	90	1315	8	0	2	0	0.485	13	12.19	0
200	2001	90	1330	8	0	2	0	0.486	12	12.18	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	90	1345	8	0	2	0	0.483	11	12.17	0
200	2001	90	1400	8	0	2	0	0.484	12	12.16	0
200	2001	90	1415	8	0	2	0	0.483	12	12.14	0
200	2001	90	1430	8	0	2	0	0.481	12	12.12	0
200	2001	90	1445	8	0	2	0	0.482	12	12.12	0
200	2001	90	1500	8	0	2	0	0.483	12	12.1	0
200	2001	90	1515	8	0	2	0	0.482	13	12.13	0
200	2001	90	1530	8	0	2	0	0.482	12	12.1	0
200	2001	90	1545	8	0	2	0	0.481	13	12.05	0
200	2001	90	1600	8	0	2	0	0.481	13	12.02	0
200	2001	90	1615	8	0	2	0	0.481	11	11.98	0
200	2001	90	1630	8	0	2	0	0.479	11	11.93	0
200	2001	90	1645	8	0	2	0	0.479	13	11.89	0
200	2001	90	1700	8	0	2	0	0.478	11	11.85	0
200	2001	90	1715	8	0	2	0	0.478	11	11.79	0
200	2001	90	1730	8	0	2	0	0.478	12	11.75	0
200	2001	90	1745	8	0	2	0	0.477	11	11.7	0
200	2001	90	1800	8	0	2	0	0.477	12	11.67	0
200	2001	90	1815	8	0	2	0	0.477	12	11.63	0
200	2001	90	1830	8	0	2	0	0.476	12	11.59	0
200	2001	90	1845	8	0	2	0	0.477	10	11.55	0
200	2001	90	1900	8	0	2	0	0.477	12	11.52	0
200	2001	90	1915	8	0	2	0	0.474	12	11.48	0
200	2001	90	1930	8	0	2	0	0.475	12	11.45	0
200	2001	90	1945	8	0	2	0	0.476	11	11.4	0
200	2001	90	2000	8	0	2	0	0.475	12	11.36	0
200	2001	90	2015	8	0	-2	0	0.475	12	11.32	0
200	2001	90	2030	8	0	2	0	0.474	11	11.28	0
200	2001	90	2045	8	0	2	0	0.472	12	11.23	0
200	2001	90	2100	8	0	2	0	0.472	11	11.2	0
200	2001	90	2115	8	0	2	0	0.472	11	11.18	0
200	2001	90	2130	8	0	2	0	0.472	13	11.13	0
200	2001	90	2145	8	0	2	0	0.472	10	11.11	0
200	2001	90	2200	8	0	2	0	0.472	10	11.05	0
200	2001	90	2215	8	0	2	0	0.472	10	11.02	0
200	2001	90	2230	8	0	2	0	0.469	10	10.96	0
200	2001	90	2245	8	0	2	0	0.471	12	10.93	0
200	2001	90	2300	8	0	2	0	0.471	10	10.9	0
200	2001	90	2315	8	0	2	0	0.471	11	10.87	0
200	2001	90	2330	8	0	2	0	0.47	10	10.84	0
200	2001	90	2345	8	0	2	0	0.47	12	10.81	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	90	2400	8	0	2	0	0.471	11	10.79	0
200	2001	91	15	8	0	2	0	0.469	10	10.76	0
200	2001	91	30	8	0	2	0	0.471	11	10.74	0
200	2001	91	45	8	0	2	0	0.47	12	10.72	0.01
200	2001	91	100	8	0	2	0	0.469	9	10.69	0
200	2001	91	115	8	0	2	0	0.469	9	10.69	0
200	2001	91	130	8	0	2	0	0.468	9	10.66	0
200	2001	91	145	8	0	2	0	0.469	10	10.64	0
200	2001	91	200	8	0	2	0	0.47	9	10.62	0
200	2001	91	215	8	0	2	0	0.469	9	10.61	0
200	2001	91	230	8	0	2	0	0.469	10	10.57	0
200	2001	91	245	8	0	2	0	0.468	9	10.56	0
200	2001	91	300	8	0	2	0	0.469	9	10.53	0
200	2001	91	315	8	0	2	0	0.467	10	10.51	0
200	2001	91	330	8	0	2	0	0.467	9	10.49	0
200	2001	91	345	8	0	2	0	0.469	9	10.49	0
200	2001	91	400	8	0	2	0	0.469	9	10.44	0
200	2001	91	415	8	0	2	0	0.467	9	10.43	0
200	2001	91	430	8	0	2	0	0.469	9	10.4	0.01
200	2001	91	445	8	0	2	0	0.468	8	10.38	0
200	2001	91	500	8	0	2	0	0.468	11	10.36	0
200	2001	91	515	8	0	1	0	0.467	14	10.33	0
200	2001	91	530	8	0	1	0	0.467	10	10.31	0
200	2001	91	545	8	0	1	0	0.469	10	10.28	0.01
200	2001	91	600	8	0	2	0	0.468	9	10.26	0
200	2001	91	615	8	0	2	0	0.469	11	10.24	0
200	2001	91	630	8	0	2	0	0.467	9	10.2	0
200	2001	91	645	8	0	2	0	0.468	9	10.2	0
200	2001	91	700	8	0	2	0	0.467	9	10.18	0
200	2001	91	715	8	0	2	0	0.467	9	10.19	0
200	2001	91	730	8	0	2	0	0.468	9	10.18	0
200	2001	91	745	8	0	2	0	0.467	9	10.19	0
200	2001	91	800	8	0	2	0	0.467	9	10.2	0
200	2001	91	815	8	0	2	0	0.468	9	10.21	0
200	2001	91	830	8	0	2	0	0.468	9	10.22	0
200	2001	91	845	8	0	2	0	0.469	8	10.24	0
200	2001	91	900	8	0	2	0	0.468	8	10.26	0
200	2001	91	915	8	0	2	0	0.466	9	10.3	0
200	2001	91	930	8	0	2	0	0.468	9	10.34	0
200	2001	91	945	8	0	2	0	0.47	9	10.4	0
200	2001	91	1000	8	0	2	0	0.47	9	10.44	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	91	1015	8	0	2	0	0.471	8	10.49	0
200	2001	91	1030	8	0	2	0	0.468	9	10.53	0
200	2001	91	1045	8	0	2	0	0.468	8	10.57	0
200	2001	91	1100	8	0	2	0	0.471	9	10.63	0
200	2001	91	1115	8	0	2	0	0.468	10	10.67	0
200	2001	91	1130	8	0	2	0	0.471	8	10.73	0
200	2001	91	1145	8	0	2	0	0.471	9	10.78	0
200	2001	91	1200	8	0	2	0	0.471	9	10.81	0
200	2001	91	1215	8	0	2	0	0.47	9	10.88	0
200	2001	91	1230	8	0	2	0	0.469	8	10.9	0
200	2001	91	1245	8	0	2	0	0.469	9	10.94	0
200	2001	91	1300	8	0	2	0	0.472	10	10.99	0
200	2001	91	1315	8	0	2	0	0.472	9	11	0
200	2001	91	1330	8	0	2	0	0.472	9	11.07	0
200	2001	91	1345	8	0	2	0	0.471	8	11.08	0
200	2001	91	1400	8	0	2	0	0.469	8	11.1	0
200	2001	91	1415	8	0	2	0	0.473	8	11.07	0
200	2001	91	1430	8	0	2	0	0.472	9	11.04	0
200	2001	91	1445	8	0	2	0	0.472	10	11.02	0
200	2001	91	1500	8	0	2	0	0.472	9	11.02	0
200	2001	91	1515	8	0	2	0	0.471	9	10.99	0
200	2001	91	1530	8	0	2	0	0.473	9	10.97	0
200	2001	91	1545	8	0	2	0	0.472	10	10.94	0
200	2001	91	1600	8	0	2	0	0.471	9	10.91	0
200	2001	91	1615	8	0	2	0	0.474	9	10.92	0
200	2001	91	1630	8	0	2	0	0.472	10	10.88	0
200	2001	91	1645	8	0	2	0	0.472	8	10.84	0
200	2001	91	1700	8	0	2	0	0.472	9	10.79	0
200	2001	91	1715	8	0	2	0	0.473	9	10.72	0
200	2001	91	1730	8	0	2	0	0.472	9	10.67	0
200	2001	91	1745	8	0	2	0	0.473	8	10.62	0
200	2001	91	1800	8	0	2	0	0.478	8	10.58	0
200	2001	91	1815	8	0	2	0	0.472	8	10.52	0
200	2001	91	1830	8	0	2	0	0.473	10	10.47	0
200	2001	91	1845	8	0	2	0	0.473	9	10.41	0
200	2001	91	1900	8	0	2	0	0.473	10	10.35	0
200	2001	91	1915	8	0	1	0	0.472	14	10.31	0
200	2001	91	1930	8	0	1	0	0.473	10	10.23	0
200	2001	91	1945	8	0	1	0	0.473	13	10.17	0
200	2001	91	2000	8	0	1	0	0.475	11	10.11	0.01
200	2001	91	2015	8	0	1	0	0.475	11	10.06	0.01

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	91	2030	8	0	1	0	0.475	10	10.01	0
200	2001	91	2045	8	0	1	0	0.474	10	9.97	0
200	2001	91	2100	8	0	1	0	0.474	11	9.91	0
200	2001	91	2115	8	0	1	0	0.474	10	9.86	0
200	2001	91	2130	8	0	2	0	0.476	9	9.81	0
200	2001	91	2145	8	0	2	0	0.473	10	9.78	0
200	2001	91	2200	8	14	1	1	0.475	23	9.72	0
200	2001	91	2215	8	0	1	0	0.48	9	9.65	0.06
200	2001	91	2230	8	0	1	0	0.479	11	9.59	0.03
200	2001	91	2245	8	0	1	0	0.481	12	9.54	0
200	2001	91	2300	8	0	2	0	0.48	10	9.51	0
200	2001	91	2315	8	0	2	0	0.481	10	9.46	0.01
200	2001	91	2330	8	0	2	0	0.48	21	9.43	0
200	2001	91	2345	8	0	2	0	0.481	10	9.36	0
200	2001	91	2400	8	0	2	0	0.481	13	9.32	0
200	2001	92	15	8	0	2	0	0.48	10	9.26	0
200	2001	92	30	8	0	2	0	0.484	10	9.22	0.01
200	2001	92	45	8	0	2	0	0.483	11	9.19	0.01
200	2001	92	100	8	0	1	0	0.483	15	9.13	0
200	2001	92	115	8	0	1	0	0.483	9	9.11	0
200	2001	92	130	8	0	1	0	0.484	9	9.07	0
200	2001	92	145	8	0	1	0	0.484	10	9.04	0
200	2001	92	200	8	0	1	0	0.485	11	9.01	0
200	2001	92	215	8	0	2	0	0.485	9	8.97	0
200	2001	92	230	8	0	2	0	0.482	12	8.95	0
200	2001	92	245	8	0	2	0	0.482	11	8.91	0
200	2001	92	300	8	0	2	0	0.484	12	8.87	0
200	2001	92	315	8	0	2	0	0.485	8	8.84	0
200	2001	92	330	8	0	2	0	0.485	8	8.83	0
200	2001	92	345	8	0	2	0	0.484	8	8.78	0
200	2001	92	400	8	0	2	0	0.483	9	8.75	0
200	2001	92	415	8	0	2	0	0.484	9	8.72	0.01
200	2001	92	430	8	0	2	0	0.485	9	8.66	0
200	2001	92	445	8	0	2	0	0.484	9	8.63	0
200	2001	92	500	8	0	2	0	0.484	9	8.6	0
200	2001	92	515	8	0	2	0	0.484	10	8.58	0
200	2001	92	530	8	0	2	0	0.485	8	8.54	0
200	2001	92	545	8	0	2	0	0.486	8	8.5	0.02
200	2001	92	600	8	0	2	0	0.487	8	8.48	0.01
200	2001	92	615	8	0	2	0	0.487	8	8.43	0
200	2001	92	630	8	0	2	0	0.487	9	8.41	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	92	645	8	0	2	0	0.487	8	8.37	0
200	2001	92	700	8	0	2	0	0.489	9	8.39	0
200	2001	92	715	8	0	2	0	0.489	8	8.37	0
200	2001	92	730	8	0	2	0	0.49	9	8.36	0
200	2001	92	745	8	0	2	0	0.492	9	8.34	0
200	2001	92	800	8	0	2	0	0.492	8	8.35	0
200	2001	92	815	8	0	2	0	0.492	9	8.36	0
200	2001	92	830	8	0	2	0	0.492	9	8.39	0
200	2001	92	845	8	0	2	0	0.491	8	8.43	0
200	2001	92	900	8	0	2	0	0.492	9	8.47	0
200	2001	92	915	8	0	2	0	0.492	10	8.55	0
200	2001	92	930	8	0	2	0	0.492	9	8.62	0
200	2001	92	945	8	0	2	0	0.492	8	8.59	0.01
200	2001	92	1000	8	0	2	0	0.496	9	8.54	0.03
200	2001	92	1015	8	0	2	0	0.495	9	8.57	0
200	2001	92	1030	8	0	2	0	0.496	10	8.69	0
200	2001	92	1045	8	0	2	0	0.496	10	8.77	0
200	2001	92	1100	8	0	2	0	0.496	9	8.77	0
200	2001	92	1115	8	0	2	0	0.496	10	8.81	0
200	2001	92	1130	8	0	2	0	0.495	9	8.97	0
200	2001	92	1145	8	0	2	0	0.497	9	9.15	0
200	2001	92	1200	8	0	2	0	0.497	9	9.17	0
200	2001	92	1215	8	0	2	0	0.498	10	9.19	0
200	2001	92	1230	8	0	2	0	0.499	9	9.16	0.01
200	2001	92	1245	8	0	2	0	0.499	10	9.33	0
200	2001	92	1300	8	0	2	0	0.504	9	9.38	0
200	2001	92	1315	8	0	2	0	0.503	9	9.66	0
200	2001	92	1330	8	0	2	0	0.504	10	9.73	0
200	2001	92	1345	8	0	2	0	0.504	9	9.77	0
200	2001	92	1400	8	0	2	0	0.503	9	9.77	0
200	2001	92	1415	8	0	2	0	0.505	9	9.75	0
200	2001	92	1430	8	0	2	0	0.506	10	9.81	0
200	2001	92	1445	8	0	2	0	0.505	10	9.84	0
200	2001	92	1500	8	0	2	0	0.507	12	9.81	0
200	2001	92	1515	8	0	2	0	0.507	10	9.83	0
200	2001	92	1530	8	0	2	0	0.507	10	9.79	0
200	2001	92	1545	8	0	2	0	0.507	11	9.77	0
200	2001	92	1600	8	0	2	0	0.508	12	9.76	0
200	2001	92	1615	8	0	2	0	0.509	11	9.7	0
200	2001	92	1630	8	0	2	0	0.508	10	9.64	0
200	2001	92	1645	8	0	2	0	0.509	10	9.56	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	92	1700	8	0	2	0	0.51	10	9.51	0
200	2001	92	1715	8	0	2	0	0.51	9	9.42	0
200	2001	92	1730	8	0	2	0	0.513	11	9.35	0
200	2001	92	1745	8	0	2	0	0.512	11	9.27	0
200	2001	92	1800	8	0	2	0	0.513	10	9.21	0
200	2001	92	1815	8	0	2	0	0.512	10	9.13	0
200	2001	92	1830	8	0	2	0	0.514	10	9.02	0
200	2001	92	1845	8	0	2	0	0.516	11	8.93	0
200	2001	92	1900	8	0	2	0	0.518	10	8.82	0
200	2001	92	1915	8	15	1	1	0.518	32	8.72	0
200	2001	92	1930	8	0	1	0	0.522	14	8.66	0
200	2001	92	1945	8	16	2	1	0.523	11	8.58	0
200	2001	92	2000	8	0	2	0	0.526	9	8.53	0
200	2001	92	2015	8	0	2	0	0.528	10	8.46	0
200	2001	92	2030	8	0	2	0	0.53	9	8.4	0
200	2001	92	2045	8	0	2	0	0.531	10	8.32	0
200	2001	92	2100	8	0	2	0	0.534	11	8.26	0
200	2001	92	2115	8	0	2	0	0.535	10	8.2	0
200	2001	92	2130	8	0	2	0	0.536	10	8.13	0
200	2001	92	2145	8	0	2	0	0.537	11	8.07	0
200	2001	92	2200	8	0	2	0	0.54	10	8.01	0
200	2001	92	2215	8	0	2	0	0.541	12	7.96	0
200	2001	92	2230	8	0	2	0	0.543	13	7.92	0
200	2001	92	2245	8	0	2	0	0.543	11	7.86	0
200	2001	92	2300	8	0	2	0	0.544	13	7.81	0
200	2001	92	2315	8	0	2	0	0.548	11	7.76	0
200	2001	92	2330	8	0	2	0	0.549	11	7.72	0
200	2001	92	2345	8	0	2	0	0.548	13	7.68	0
200	2001	92	2400	8	0	1	0	0.55	14	7.62	0
200	2001	93	15	8	0	1	0	0.55	13	7.59	0
200	2001	93	30	8	0	1	0	0.551	14	7.54	0
200	2001	93	45	8	0	1	0	0.552	11	7.5	0
200	2001	93	100	8	0	1	0	0.554	11	7.45	0
200	2001	93	115	8	0	1	0	0.556	12	7.4	0
200	2001	93	130	8	0	1	0	0.556	12	7.35	0
200	2001	93	145	8	0	1	0	0.557	12	7.3	0
200	2001	93	200	8	0	1	0	0.557	12	7.27	0
200	2001	93	215	8	0	1	0	0.558	12	7.24	0
200	2001	93	230	8	0	1	0	0.559	12	7.21	0
200	2001	93	245	8	0	1	0	0.56	12	7.17	0
200	2001	93	300	8	0	1	0	0.562	11	7.13	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	93	315	8	0	1	0	0.563	10	7.1	0
200	2001	93	330	8	0	1	0	0.563	12	7.09	0
200	2001	93	345	8	0	1	0	0.562	10	7.07	0
200	2001	93	400	8	0	1	0	0.563	11	7.05	0
200	2001	93	415	8	0	1	0	0.563	11	7.01	0
200	2001	93	430	8	0	1	0	0.563	11	6.989	0
200	2001	93	445	8	0	1	0	0.564	11	6.962	0
200	2001	93	500	8	0	1	0	0.563	12	6.94	0
200	2001	93	515	8	0	1	0	0.565	13	6.931	0
200	2001	93	530	8	0	1	0	0.567	12	6.905	0
200	2001	93	545	8	0	1	0	0.568	12	6.885	0
200	2001	93	600	8	0	1	0	0.568	13	6.857	0
200	2001	93	615	8	0	1	0	0.569	13	6.836	0.01
200	2001	93	630	8	0	1	0	0.57	13	6.827	0
200	2001	93	645	8	0	1	0	0.571	13	6.807	0
200	2001	93	700	8	0	1	0	0.57	12	6.797	0
200	2001	93	715	8	0	1	0	0.572	12	6.778	0
200	2001	93	730	8	0	1	0	0.572	13	6.738	0
200	2001	93	745	8	0	1	0	0.575	13	6.73	0
200	2001	93	800	8	0	1	0	0.574	13	6.739	0
200	2001	93	815	8	0	1	0	0.575	15	6.748	0
200	2001	93	830	8	0	1	0	0.573	14	6.805	0
200	2001	93	845	8	0	1	0	0.57	14	6.862	0
200	2001	93	900	8	0	1	0	0.57	15	6.881	0
200	2001	93	915	8	0	1	0	0.568	13	6.976	0
200	2001	93	930	8	0	1	0	0.562	14	7.09	0
200	2001	93	945	8	0	1	0	0.562	14	7.11	0
200	2001	93	1000	8	0	1	0	0.56	16	7.19	0
200	2001	93	1015	8	0	1	0	0.556	15	7.32	0
200	2001	93	1030	8	0	1	0	0.553	15	7.47	0
200	2001	93	1045	8	0	1	0	0.549	16	7.61	0
200	2001	93	1100	8	0	1	0	0.549	16	7.75	0
200	2001	93	1115	8	0	1	0	0.546	16	7.96	0
200	2001	93	1130	8	0	1	0	0.547	15	8.34	0
200	2001	93	1145	8	0	1	0	0.546	15	8.57	0
200	2001	93	1200	8	0	1	0	0.545	17	8.79	0
200	2001	93	1215	8	0	1	0	0.544	15	9.03	0
200	2001	93	1230	8	0	1	0	0.546	15	9.26	0
200	2001	93	1245	8	0	1	0	0.544	16	9.49	0
200	2001	93	1300	8	0	1	0	0.545	15	9.71	0
200	2001	93	1315	8	0	1	0	0.545	14	9.96	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	93	1330	8	0	1	0	0.545	16	10.16	0
200	2001	93	1345	8	0	1	0	0.545	15	10.32	0
200	2001	93	1400	8	0	1	0	0.543	16	10.44	0
200	2001	93	1415	8	0	1	0	0.542	16	10.48	0
200	2001	93	1430	8	0	1	0	0.542	16	10.49	0
200	2001	93	1445	8	0	1	0	0.542	17	10.44	0
200	2001	93	1500	8	0	1	0	0.542	17	10.42	0
200	2001	93	1515	8	0	1	0	0.54	17	10.37	0
200	2001	93	1530	8	0	1	0	0.541	17	10.22	0
200	2001	93	1545	8	0	1	0	0.54	16	10.08	0
200	2001	93	1600	8	0	1	0	0.539	17	10	0
200	2001	93	1615	8	0	1	0	0.538	17	9.88	0
200	2001	93	1630	8	0	1	0	0.538	18	9.77	0
200	2001	93	1645	8	0	1	0	0.536	17	9.68	0
200	2001	93	1700	8	0	1	0	0.536	15	9.55	0
200	2001	93	1715	8	0	1	0	0.533	17	9.46	0
200	2001	93	1730	8	0	1	0	0.533	16	9.35	0
200	2001	93	1745	8	0	1	0	0.532	16	9.26	0
200	2001	93	1800	8	0	1	0	0.533	15	9.17	0
200	2001	93	1815	8	0	1	0	0.532	17	9.09	0
200	2001	93	1830	8	0	1	0	0.529	16	9	0
200	2001	93	1845	8	0	1	0	0.53	15	8.89	0
200	2001	93	1900	8	0	1	0	0.529	16	8.79	0
200	2001	93	1915	8	0	1	0	0.528	17	8.68	0
200	2001	93	1930	8	0	1	0	0.528	16	8.56	0
200	2001	93	1945	8	0	1	0	0.528	15	8.43	0
200	2001	93	2000	8	0	1	0	0.526	16	8.32	0
200	2001	93	2015	8	0	1	0	0.526	16	8.21	0
200	2001	93	2030	8	0	1	0	0.526	17	8.13	0
200	2001	93	2045	8	0	1	0	0.526	16	8.05	0
200	2001	93	2100	8	0	1	0	0.524	16	7.98	0
200	2001	93	2115	8	0	1	0	0.525	17	7.92	0
200	2001	93	2130	8	0	1	0	0.525	16	7.85	0
200	2001	93	2145	8	0	1	0	0.524	17	7.78	0
200	2001	93	2200	8	0	1	0	0.524	16	7.71	0
200	2001	93	2215	8	0	1	0	0.524	17	7.65	0
200	2001	93	2230	8	0	1	0	0.524	16	7.59	0
200	2001	93	2245	8	0	1	0	0.524	16	7.52	0
200	2001	93	2300	8	0	1	0	0.524	17	7.45	0
200	2001	93	2315	8	0	1	0	0.524	16	7.39	0
200	2001	93	2330	8	0	1	0	0.526	14	7.33	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	93	2345	8	0	1	0	0.529	15	7.26	0
200	2001	93	2400	8	0	1	0	0.53	14	7.2	0
200	2001	94	15	8	0	1	0	0.53	16	7.13	0
200	2001	94	30	8	0	1	0	0.531	16	7.07	0
200	2001	94	45	8	0	1	0	0.531	15	7.01	0
200	2001	94	100	8	0	1	0	0.534	15	6.944	0
200	2001	94	115	8	0	1	0	0.536	14	6.896	0
200	2001	94	130	8	0	1	0	0.537	15	6.829	0
200	2001	94	145	8	0	1	0	0.539	15	6.773	0
200	2001	94	200	8	0	1	0	0.541	16	6.715	0
200	2001	94	215	8	0	1	0	0.544	16	6.677	0
200	2001	94	230	8	0	1	0	0.545	16	6.62	0
200	2001	94	245	8	0	1	0	0.547	16	6.553	0
200	2001	94	300	8	0	1	0	0.546	16	6.505	0
200	2001	94	315	8	0	1	0	0.546	16	6.458	0
200	2001	94	330	8	0	1	0	0.548	16	6.401	0
200	2001	94	345	8	0	1	0	0.55	16	6.363	0
200	2001	94	400	8	0	1	0	0.55	14	6.296	0
200	2001	94	415	8	0	1	0	0.55	15	6.267	0
200	2001	94	430	8	0	1	0	0.552	16	6.2	0
200	2001	94	445	8	0	1	0	0.551	14	6.161	0
200	2001	94	500	8	0	1	0	0.551	14	6.114	0
200	2001	94	515	8	0	1	0	0.551	15	6.076	0
200	2001	94	530	8	0	1	0	0.551	15	6.038	0
200	2001	94	545	8	0	1	0	0.55	14	5.99	0
200	2001	94	600	8	0	1	0	0.551	14	5.952	0
200	2001	94	615	8	0	1	0	0.551	14	5.914	0
200	2001	94	630	8	0	1	0	0.55	14	5.876	0
200	2001	94	645	8	0	1	0	0.55	14	5.847	0
200	2001	94	700	8	0	1	0	0.55	14	5.818	0
200	2001	94	715	8	0	1	0	0.55	14	5.78	0
200	2001	94	730	8	0	1	0	0.55	14	5.761	0
200	2001	94	745	8	0	1	0	0.55	15	5.752	0
200	2001	94	800	8	0	1	0	0.55	15	5.742	0
200	2001	94	815	8	0	1	0	0.547	16	5.761	0
200	2001	94	830	8	0	1	0	0.544	16	5.809	0
200	2001	94	845	8	0	1	0	0.544	15	5.895	0
200	2001	94	900	8	0	1	0	0.543	15	5.99	0
200	2001	94	915	8	0	1	0	0.539	16	6.082	0
200	2001	94	930	8	0	1	0	0.537	19	6.232	0
200	2001	94	945	8	0	1	0	0.531	16	6.373	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	94	1000	8	0	1	0	0.525	16	6.517	0
200	2001	94	1015	8	0	1	0	0.52	16	6.676	0
200	2001	94	1030	8	0	1	0	0.512	15	6.914	0
200	2001	94	1045	8	0	1	0	0.509	15	7.11	0
200	2001	94	1100	8	0	1	0	0.503	16	7.38	0
200	2001	94	1115	8	0	2	0	0.499	14	7.68	0
200	2001	94	1130	8	0	2	0	0.497	16	7.92	0
200	2001	94	1145	8	0	2	0	0.498	15	8.18	0
200	2001	94	1200	8	0	2	0	0.501	15	8.48	0
200	2001	94	1215	8	0	2	0	0.498	15	8.71	0
200	2001	94	1230	8	0	2	0	0.497	14	8.98	0
200	2001	94	1245	8	0	2	0	0.498	17	9.22	0
200	2001	94	1300	8	0	2	0	0.497	15	9.39	0
200	2001	94	1315	8	0	2	0	0.497	15	9.6	0
200	2001	94	1330	8	0	2	0	0.499	15	9.82	0
200	2001	94	1345	8	0	2	0	0.498	15	10	0
200	2001	94	1400	8	0	2	0	0.496	15	10.23	0
200	2001	94	1415	8	0	2	0	0.497	17	10.32	0
200	2001	94	1430	8	0	2	0	0.495	18	10.41	0
200	2001	94	1445	8	0	2	0	0.497	16	10.46	0
200	2001	94	1500	8	0	2	0	0.496	16	10.49	0
200	2001	94	1515	8	0	2	0	0.496	16	10.5	0
200	2001	94	1530	8	0	2	0	0.497	16	10.49	0
200	2001	94	1545	8	0	2	0	0.494	16	10.48	0
200	2001	94	1600	8	0	2	0	0.494	16	10.43	0
200	2001	94	1615	8	0	2	0	0.494	16	10.36	0
200	2001	94	1630	8	0	2	0	0.494	16	10.25	0
200	2001	94	1645	8	0	2	0	0.493	17	10.19	0
200	2001	94	1700	8	0	2	0	0.493	16	10.09	0
200	2001	94	1715	8	0	2	0	0.492	15	9.99	0
200	2001	94	1730	8	0	2	0	0.489	15	9.88	0
200	2001	94	1745	8	0	2	0	0.489	16	9.8	0
200	2001	94	1800	8	0	2	0	0.488	16	9.72	0
200	2001	94	1815	8	0	2	0	0.488	15	9.6	0
200	2001	94	1830	8	0	2	0	0.487	16	9.53	0
200	2001	94	1845	8	0	2	0	0.487	16	9.44	0
200	2001	94	1900	8	0	2	0	0.487	15	9.35	0
200	2001	94	1915	8	0	2	0	0.484	15	9.26	0
200	2001	94	1930	8	0	2	0	0.485	16	9.19	0
200	2001	94	1945	8	0	2	0	0.484	15	9.08	0
200	2001	94	2000	8	0	2	0	0.485	16	8.97	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	94	2015	8	0	2	0	0.484	16	8.86	0
200	2001	94	2030	8	0	2	0	0.484	16	8.72	0
200	2001	94	2045	8	0	2	0	0.483	15	8.63	0
200	2001	94	2100	8	0	2	0	0.482	16	8.5	0
200	2001	94	2115	8	0	2	0	0.479	14	8.42	0
200	2001	94	2130	8	0	2	0	0.48	16	8.32	0
200	2001	94	2145	8	0	2	0	0.479	16	8.21	0
200	2001	94	2200	8	0	2	0	0.479	15	8.13	0
200	2001	94	2215	8	0	2	0	0.479	16	8.06	0
200	2001	94	2230	8	0	2	0	0.479	15	7.99	0
200	2001	94	2245	8	0	2	0	0.479	15	7.93	0
200	2001	94	2300	8	0	2	0	0.479	16	7.86	0
200	2001	94	2315	8	0	2	0	0.479	16	7.81	0
200	2001	94	2330	8	0	2	0	0.478	14	7.76	0
200	2001	94	2345	8	0	2	0	0.477	16	7.73	0
200	2001	94	2400	8	0	2	0	0.476	14	7.68	0
200	2001	95	15	8	0	2	0	0.475	15	7.65	0
200	2001	95	30	8	0	2	0	0.473	16	7.59	0
200	2001	95	45	8	0	2	0	0.474	15	7.55	0
200	2001	95	100	8	0	2	0	0.473	16	7.5	0
200	2001	95	115	8	0	2	0	0.473	14	7.46	0
200	2001	95	130	8	0	2	0	0.473	15	7.41	0
200	2001	95	145	8	0	2	0	0.473	14	7.36	0
200	2001	95	200	8	0	2	0	0.472	16	7.3	0
200	2001	95	215	8	0	2	0	0.469	15	7.27	0
200	2001	95	230	8	0	2	0	0.47	16	7.22	0
200	2001	95	245	8	0	2	0	0.471	16	7.16	0
200	2001	95	300	8	0	2	0	0.472	15	7.12	0
200	2001	95	315	8	0	2	0	0.472	14	7.05	0
200	2001	95	330	8	0	2	0	0.472	16	6.991	0
200	2001	95	345	8	0	2	0	0.473	16	6.941	0
200	2001	95	400	8	0	2	0	0.473	16	6.895	0
200	2001	95	415	8	0	2	0	0.473	16	6.837	0
200	2001	95	430	8	0	2	0	0.473	17	6.79	0
200	2001	95	445	8	0	2	0	0.476	17	6.741	0
200	2001	95	500	8	0	2	0	0.477	15	6.686	0
200	2001	95	515	8	0	2	0	0.48	15	6.63	0
200	2001	95	530	8	0	2	0	0.48	15	6.591	0
200	2001	95	545	8	0	2	0	0.481	14	6.544	0
200	2001	95	600	8	0	2	0	0.485	16	6.477	0
200	2001	95	615	8	0	2	0	0.486	16	6.438	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	95	630	8	0	2	0	0.486	16	6.391	0
200	2001	95	645	8	0	2	0	0.492	14	6.353	0
200	2001	95	700	8	0	2	0	0.493	16	6.305	0
200	2001	95	715	8	0	2	0	0.493	15	6.277	0
200	2001	95	730	8	0	2	0	0.493	17	6.267	0
200	2001	95	745	8	0	2	0	0.493	16	6.237	0
200	2001	95	800	8	0	2	0	0.493	16	6.257	0
200	2001	95	815	8	0	2	0	0.492	16	6.276	0
200	2001	95	830	8	0	2	0	0.486	16	6.343	0
200	2001	95	845	8	0	2	0	0.483	16	6.428	0
200	2001	95	900	8	0	2	0	0.478	18	6.539	0
200	2001	95	915	8	0	2	0	0.473	17	6.662	0
200	2001	95	930	8	0	2	0	0.467	17	6.804	0
200	2001	95	945	8	0	1	0	0.466	19	6.976	0
200	2001	95	1000	8	0	1	0	0.465	16	7.13	0
200	2001	95	1015	8	0	1	0	0.462	16	7.26	0
200	2001	95	1030	8	0	1	0	0.46	17	7.46	0
200	2001	95	1045	8	0	1	0	0.461	17	7.69	0
200	2001	95	1100	8	0	1	0	0.46	17	8.02	0
200	2001	95	1115	8	0	1	0	0.462	16	8.33	0
200	2001	95	1130	8	0	1	0	0.46	16	8.6	0
200	2001	95	1145	8	0	1	0	0.46	16	8.92	0
200	2001	95	1200	8	0	1	0	0.458	17	9.11	0
200	2001	95	1215	8	0	1	0	0.461	17	9.44	0
200	2001	95	1230	8	0	1	0	0.459	16	9.57	0
200	2001	95	1245	8	0	1	0	0.46	16	9.84	0
200	2001	95	1300	8	0	1	0	0.459	16	10.06	0
200	2001	95	1315	8	0	1	0	0.459	16	10.17	0
200	2001	95	1330	8	0	1	0	0.459	16	10.31	0
200	2001	95	1345	8	0	1	0	0.461	18	10.49	0
200	2001	95	1400	8	0	1	0	0.461	16	10.7	0
200	2001	95	1415	8	0	1	0	0.461	16	10.74	0
200	2001	95	1430	8	0	1	0	0.461	17	10.71	0
200	2001	95	1445	8	0	1	0	0.457	17	10.61	0
200	2001	95	1500	8	0	1	0	0.461	17	10.57	0
200	2001	95	1515	8	0	1	0	0.458	16	10.53	0
200	2001	95	1530	8	0	1	0	0.457	17	10.48	0
200	2001	95	1545	8	0	1	0	0.457	17	10.43	0
200	2001	95	1600	8	0	1	0	0.457	17	10.4	0
200	2001	95	1615	8	0	1	0	0.457	17	10.36	0
200	2001	95	1630	8	0	1	0	0.454	17	10.34	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	95	1645	8	0	2	0	0.456	9	10.28	0
200	2001	95	1700	8	0	2	0	0.455	7	10.2	0
200	2001	95	1715	8	0	2	0	0.455	8	10.14	0
200	2001	95	1730	8	0	2	0	0.454	8	10.09	0
200	2001	95	1745	8	0	2	0	0.453	7	10	0
200	2001	95	1800	8	0	2	0	0.453	8	9.92	0
200	2001	95	1815	8	0	2	0	0.452	9	9.84	0
200	2001	95	1830	8	0	2	0	0.452	8	9.76	0
200	2001	95	1845	8	0	2	0	0.452	9	9.71	0
200	2001	95	1900	8	0	2	0	0.452	10	9.65	0
200	2001	95	1915	8	0	2	0	0.45	9	9.63	0
200	2001	95	1930	8	0	2	0	0.45	9	9.57	0
200	2001	95	1945	8	0	2	0	0.45	9	9.53	0
200	2001	95	2000	8	0	1	0	0.45	13	9.5	0
200	2001	95	2015	8	0	1	0	0.449	8	9.44	0
200	2001	95	2030	8	0	1	0	0.449	8	9.41	0
200	2001	95	2045	8	0	1	0	0.447	8	9.34	0
200	2001	95	2100	8	0	2	0	0.447	7	9.28	0
200	2001	95	2115	8	0	2	0	0.45	8	9.22	0
200	2001	95	2130	8	0	1	0	0.447	13	9.16	0
200	2001	95	2145	8	0	1	0	0.448	8	9.1	0
200	2001	95	2200	8	0	2	0	0.447	7	9.04	0
200	2001	95	2215	8	0	2	0	0.447	8	9	0.01
200	2001	95	2230	8	0	2	0	0.447	7	8.97	0
200	2001	95	2245	8	0	2	0	0.446	8	8.92	0
200	2001	95	2300	8	0	2	0	0.446	8	8.89	0.01
200	2001	95	2315	8	0	2	0	0.445	8	8.85	0
200	2001	95	2330	8	0	2	0	0.447	9	8.81	0.01
200	2001	95	2345	8	0	2	0	0.447	8	8.78	0.01
200	2001	95	2400	8	0	2	0	0.447	10	8.76	0
200	2001	96	15	8	0	2	0	0.447	10	8.72	0.01
200	2001	96	30	8	0	2	0	0.447	8	8.68	0
200	2001	96	45	8	0	2	0	0.447	8	8.65	0.01
200	2001	96	100	8	0	2	0	0.447	7	8.63	0
200	2001	96	115	8	0	2	0	0.448	8	8.59	0.01
200	2001	96	130	8	0	2	0	0.447	10	8.57	0.01
200	2001	96	145	8	0	2	0	0.447	8	8.56	0
200	2001	96	200	8	0	2	0	0.447	8	8.54	0
200	2001	96	215	8	0	2	0	0.447	8	8.51	0.01
200	2001	96	230	8	0	2	0	0.448	8	8.5	0.01
200	2001	96	245	8	0	2	0	0.448	9	8.47	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	96	300	8	0	2	0	0.448	8	8.48	0
200	2001	96	315	8	0	2	0	0.448	8	8.44	0.01
200	2001	96	330	8	0	2	0	0.447	6	8.45	0
200	2001	96	345	8	0	2	0	0.448	8	8.42	0.01
200	2001	96	400	8	0	2	0	0.449	8	8.42	0
200	2001	96	415	8	0	2	0	0.448	7	8.41	0.01
200	2001	96	430	8	0	2	0	0.451	6	8.4	0.01
200	2001	96	445	8	0	2	0	0.453	8	8.4	0
200	2001	96	500	8	0	2	0	0.453	7	8.39	0.01
200	2001	96	515	8	0	2	0	0.453	6	8.38	0.01
200	2001	96	530	8	0	2	0	0.454	7	8.36	0.01
200	2001	96	545	8	0	2	0	0.455	8	8.35	0.03
200	2001	96	600	8	0	2	0	0.454	8	8.36	0
200	2001	96	615	8	0	2	0	0.459	8	8.35	0.02
200	2001	96	630	8	0	2	0	0.46	8	8.33	0.02
200	2001	96	645	8	0	2	0	0.464	8	8.33	0.02
200	2001	96	700	8	0	2	0	0.466	7	8.31	0.01
200	2001	96	715	8	0	2	0	0.466	8	8.31	0.01
200	2001	96	730	8	0	2	0	0.47	8	8.33	0.01
200	2001	96	745	8	0	2	0	0.469	9	8.31	0.02
200	2001	96	800	8	0	2	0	0.472	10	8.31	0.02
200	2001	96	815	8	0	2	0	0.474	10	8.34	0.01
200	2001	96	830	8	0	2	0	0.477	10	8.36	0
200	2001	96	845	8	0	1	0	0.478	11	8.37	0
200	2001	96	900	8	0	1	0	0.479	10	8.4	0.01
200	2001	96	915	8	0	1	0	0.478	10	8.43	0
200	2001	96	930	8	0	1	0	0.479	10	8.48	0
200	2001	96	945	8	0	1	0	0.479	10	8.54	0
200	2001	96	1000	8	0	1	0	0.48	9	8.6	0
200	2001	96	1015	8	0	1	0	0.485	10	8.62	0.01
200	2001	96	1030	8	0	1	0	0.487	10	8.58	0.03
200	2001	96	1045	8	0	1	0	0.486	12	8.62	0.01
200	2001	96	1100	8	0	1	0	0.491	12	8.62	0
200	2001	96	1115	8	0	1	0	0.495	11	8.67	0
200	2001	96	1130	8	0	1	0	0.498	12	8.67	0
200	2001	96	1145	8	0	1	0	0.5	12	8.67	0
200	2001	96	1200	8	0	1	0	0.504	11	8.69	0
200	2001	96	1215	8	0	1	0	0.511	10	8.69	0
200	2001	96	1230	8	0	1	0	0.516	9	8.71	0.01
200	2001	96	1245	8	0	1	0	0.524	10	8.71	0
200	2001	96	1300	8	0	1	0	0.54	10	8.71	0.01

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	96	1315	8	0	1	0	0.561	10	8.68	0.03
200	2001	96	1330	8	0	1	0	0.583	10	8.67	0.03
200	2001	96	1345	8	0	1	0	0.601	10	8.66	0.01
200	2001	96	1400	8	0	1	0	0.621	11	8.65	0.02
200	2001	96	1415	9	0	1	0	0.638	11	8.62	0.01
200	2001	96	1430	9	0	1	0	0.655	14	8.59	0.02
200	2001	96	1445	9	0	1	0	0.666	14	8.56	0.02
200	2001	96	1500	9	0	1	0	0.681	17	8.52	0.02
200	2001	96	1515	9	0	1	0	0.69	17	8.5	0.02
200	2001	96	1530	9	0	1	0	0.698	20	8.48	0.02
200	2001	96	1545	9	1	1	1	0.713	20	8.42	0.04
200	2001	96	1600	9	0	1	0	0.727	25	8.4	0.05
200	2001	96	1615	9	0	1	0	0.742	29	8.36	0.03
200	2001	96	1630	9	0	1	0	0.764	34	8.32	0.02
200	2001	96	1645	9	0	1	0	0.774	38	8.29	0.03
200	2001	96	1700	9	0	1	0	0.787	43	8.26	0.02
200	2001	96	1715	9	0	1	0	0.803	42	8.23	0.02
200	2001	96	1730	9	0	1	0	0.819	40	8.2	0.02
200	2001	96	1745	9	0	1	0	0.835	40	8.16	0.02
200	2001	96	1800	9	0	1	0	0.85	39	8.11	0.02
200	2001	96	1815	9	0	1	0	0.866	40	8.08	0.01
200	2001	96	1830	9	0	1	0	0.888	42	8.04	0.01
200	2001	96	1845	9	0	1	0	0.908	46	8.01	0.01
200	2001	96	1900	9	0	1	0	0.929	51	7.97	0
200	2001	96	1915	9	0	1	0	0.959	58	7.93	0.01
200	2001	96	1930	9	0	1	0	0.99	64	7.9	0
200	2001	96	1945	9	0	1	0	1.022	68	7.86	0
200	2001	96	2000	9	0	1	0	1.056	69	7.84	0.01
200	2001	96	2015	9	0	1	0	1.093	69	7.8	0
200	2001	96	2030	9	0	1	0	1.131	69	7.77	0.01
200	2001	96	2045	9	0	1	0	1.161	68	7.74	0
200	2001	96	2100	9	0	1	0	1.192	67	7.72	0
200	2001	96	2115	9	0	1	0	1.22	70	7.68	0
200	2001	96	2130	9	0	1	0	1.235	72	7.66	0.01
200	2001	96	2145	9	0	1	0	1.266	73	7.62	0
200	2001	96	2200	9	0	1	0	1.277	73	7.6	0
200	2001	96	2215	9	0	1	0	1.287	76	7.59	0
200	2001	96	2230	9	0	1	0	1.29	76	7.57	0
200	2001	96	2245	9	0	1	0	1.301	78	7.55	0
200	2001	96	2300	9	2	1	1	1.303	79	7.53	0
200	2001	96	2315	9	0	1	0	1.309	79	7.52	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	96	2330	9	0	1	0	1.304	79	7.49	0.01
200	2001	96	2345	9	0	1	0	1.308	79	7.48	0
200	2001	96	2400	9	0	1	0	1.312	79	7.48	0
200	2001	97	15	9	0	1	0	1.296	77	7.48	0
200	2001	97	30	9	0	1	0	1.302	77	7.45	0
200	2001	97	45	9	0	1	0	1.287	76	7.45	0
200	2001	97	100	9	0	1	0	1.289	74	7.46	0
200	2001	97	115	9	0	1	0	1.282	73	7.44	0
200	2001	97	130	9	0	1	0	1.275	72	7.44	0
200	2001	97	145	9	0	2	0	1.269	70	7.45	0
200	2001	97	200	9	0	2	0	1.26	69	7.43	0
200	2001	97	215	9	0	2	0	1.264	68	7.43	0
200	2001	97	230	9	0	2	0	1.245	67	7.42	0
200	2001	97	245	9	0	2	0	1.242	66	7.42	0
200	2001	97	300	9	0	2	0	1.234	65	7.42	0
200	2001	97	315	9	0	2	0	1.228	64	7.41	0
200	2001	97	330	9	0	2	0	1.229	63	7.41	0
200	2001	97	345	9	0	2	0	1.216	63	7.41	0
200	2001	97	400	9	0	2	0	1.213	62	7.39	0
200	2001	97	415	9	3	2	1	1.204	61	7.39	0
200	2001	97	430	9	0	2	0	1.202	60	7.37	0
200	2001	97	445	9	0	2	0	1.186	59	7.36	0
200	2001	97	500	9	0	2	0	1.186	58	7.33	0
200	2001	97	515	9	0	2	0	1.175	56	7.33	0
200	2001	97	530	9	0	2	0	1.163	56	7.33	0
200	2001	97	545	9	0	2	0	1.164	56	7.31	0
200	2001	97	600	9	0	2	0	1.16	55	7.28	0
200	2001	97	615	9	0	2	0	1.149	55	7.27	0
200	2001	97	630	9	0	2	0	1.143	54	7.25	0
200	2001	97	645	9	0	2	0	1.14	54	7.24	0
200	2001	97	700	9	0	2	0	1.131	53	7.23	0
200	2001	97	715	9	0	2	0	1.128	52	7.22	0
200	2001	97	730	9	0	2	0	1.123	52	7.21	0
200	2001	97	745	9	0	2	0	1.117	50	7.2	0
200	2001	97	800	9	0	2	0	1.11	51	7.19	0
200	2001	97	815	9	0	2	0	1.101	51	7.23	0
200	2001	97	830	9	0	2	0	1.094	49	7.24	0
200	2001	97	845	9	0	2	0	1.092	49	7.3	0
200	2001	97	900	9	0	2	0	1.085	49	7.34	0
200	2001	97	915	9	0	2	0	1.078	48	7.37	0
200	2001	97	930	9	0	2	0	1.073	49	7.47	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	97	945	9	0	2	0	1.067	48	7.52	0
200	2001	97	1000	9	0	2	0	1.066	47	7.59	0
200	2001	97	1015	9	0	2	0	1.059	47	7.67	0
200	2001	97	1030	9	0	2	0	1.055	46	7.72	0
200	2001	97	1045	9	0	2	0	1.05	46	7.83	0
200	2001	97	1100	9	0	2	0	1.042	47	7.93	0
200	2001	97	1115	9	0	2	0	1.038	46	8.05	0
200	2001	97	1130	9	0	2	0	1.028	45	8.13	0
200	2001	97	1145	9	0	2	0	1.027	44	8.25	0
200	2001	97	1200	9	0	2	0	1.023	45	8.35	0
200	2001	97	1215	9	0	2	0	1.025	44	8.54	0
200	2001	97	1230	9	0	2	0	1.016	44	8.68	0
200	2001	97	1245	9	0	2	0	1.01	44	8.79	0
200	2001	97	1300	9	0	2	0	1.006	45	8.87	0
200	2001	97	1315	9	0	2	0	1	44	8.94	0
200	2001	97	1330	9	0	2	0	1	43	8.96	0
200	2001	97	1345	9	0	2	0	0.991	43	9.01	0
200	2001	97	1400	9	0	2	0	0.988	43	8.97	0
200	2001	97	1415	9	0	2	0	0.985	42	9.03	0
200	2001	97	1430	9	0	2	0	0.979	42	8.97	0
200	2001	97	1445	9	0	2	0	0.977	42	9	0
200	2001	97	1500	9	0	2	0	0.973	43	8.95	0
200	2001	97	1515	9	0	2	0	0.967	42	8.93	0
200	2001	97	1530	9	0	2	0	0.96	42	8.83	0
200	2001	97	1545	9	0	2	0	0.957	42	8.78	0
200	2001	97	1600	9	0	2	0	0.956	42	8.71	0
200	2001	97	1615	9	0	2	0	0.951	41	8.66	0
200	2001	97	1630	9	0	2	0	0.947	41	8.61	0
200	2001	97	1645	9	0	2	0	0.938	40	8.58	0
200	2001	97	1700	9	0	2	0	0.937	41	8.54	0
200	2001	97	1715	9	0	2	0	0.935	40	8.49	0
200	2001	97	1730	9	0	2	0	0.927	40	8.41	0
200	2001	97	1745	9	0	2	0	0.923	40	8.39	0
200	2001	97	1800	9	0	2	0	0.917	40	8.34	0
200	2001	97	1815	9	0	2	0	0.916	39	8.31	0
200	2001	97	1830	9	0	2	0	0.915	38	8.28	0
200	2001	97	1845	9	0	2	0	0.907	37	8.21	0
200	2001	97	1900	9	0	2	0	0.903	38	8.16	0
200	2001	97	1915	9	0	2	0	0.899	36	8.12	0
200	2001	97	1930	9	0	2	0	0.902	36	8.07	0
200	2001	97	1945	9	0	2	0	0.893	36	8.01	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	97	2000	9	0	2	0	0.894	36	7.95	0
200	2001	97	2015	9	0	2	0	0.888	36	7.91	0
200	2001	97	2030	9	0	2	0	0.888	35	7.86	0
200	2001	97	2045	9	0	2	0	0.886	36	7.81	0
200	2001	97	2100	9	0	2	0	0.88	36	7.77	0
200	2001	97	2115	9	0	2	0	0.879	35	7.73	0
200	2001	97	2130	9	0	2	0	0.877	36	7.7	0.01
200	2001	97	2145	9	0	2	0	0.878	35	7.68	0
200	2001	97	2200	9	0	2	0	0.873	35	7.64	0.01
200	2001	97	2215	9	0	2	0	0.869	35	7.62	0
200	2001	97	2230	9	0	2	0	0.868	35	7.59	0.01
200	2001	97	2245	9	0	2	0	0.867	35	7.56	0.01
200	2001	97	2300	9	0	2	0	0.861	34	7.54	0
200	2001	97	2315	9	0	2	0	0.861	34	7.5	0
200	2001	97	2330	9	0	2	0	0.856	33	7.46	0
200	2001	97	2345	9	0	2	0	0.856	34	7.42	0
200	2001	97	2400	9	0	2	0	0.855	34	7.38	0
200	2001	98	15	9	0	2	0	0.855	33	7.33	0
200	2001	98	30	9	0	2	0	0.852	34	7.3	0
200	2001	98	45	9	0	2	0	0.856	34	7.27	0
200	2001	98	100	9	0	2	0	0.854	33	7.26	0.01
200	2001	98	115	9	0	2	0	0.853	33	7.22	0.03
200	2001	98	130	9	0	2	0	0.849	33	7.2	0.01
200	2001	98	145	9	0	2	0	0.847	32	7.18	0
200	2001	98	200	9	0	2	0	0.849	33	7.14	0
200	2001	98	215	9	0	2	0	0.842	32	7.15	0
200	2001	98	230	9	0	2	0	0.844	32	7.1	0
200	2001	98	245	9	0	2	0	0.843	33	7.1	0
200	2001	98	300	9	0	2	0	0.84	32	7.07	0
200	2001	98	315	9	0	2	0	0.838	32	7.05	0.01
200	2001	98	330	9	0	2	0	0.835	32	7.04	0
200	2001	98	345	9	0	2	0	0.836	32	7.04	0.02
200	2001	98	400	9	0	2	0	0.832	31	7.01	0.01
200	2001	98	415	9	0	2	0	0.835	31	7.01	0
200	2001	98	430	9	0	2	0	0.83	31	6.986	0
200	2001	98	445	9	0	2	0	0.829	31	6.977	0.01
200	2001	98	500	9	0	2	0	0.826	31	6.967	0
200	2001	98	515	9	0	2	0	0.825	31	6.948	0
200	2001	98	530	9	0	2	0	0.825	30	6.929	0
200	2001	98	545	9	0	2	0	0.823	31	6.928	0
200	2001	98	600	9	4	2	1	0.822	30	6.899	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	98	615	9	0	2	0	0.822	31	6.88	0
200	2001	98	630	9	0	2	0	0.823	31	6.868	0.01
200	2001	98	645	9	0	2	0	0.821	28	6.851	0
200	2001	98	700	9	0	2	0	0.818	30	6.88	0
200	2001	98	715	9	0	2	0	0.819	28	6.899	0
200	2001	98	730	9	0	2	0	0.817	28	6.9	0
200	2001	98	745	9	0	2	0	0.814	29	6.908	0
200	2001	98	800	9	0	2	0	0.813	29	6.947	0
200	2001	98	815	9	0	2	0	0.81	28	7.01	0
200	2001	98	830	9	0	2	0	0.807	28	7.04	0
200	2001	98	845	9	0	2	0	0.805	28	7.12	0
200	2001	98	900	9	0	2	0	0.8	28	7.22	0
200	2001	98	915	9	0	2	0	0.799	27	7.21	0
200	2001	98	930	9	0	2	0	0.797	29	7.33	0
200	2001	98	945	9	0	2	0	0.796	31	7.42	0
200	2001	98	1000	9	0	2	0	0.792	28	7.49	0
200	2001	98	1015	9	0	2	0	0.792	28	7.61	0
200	2001	98	1030	9	0	2	0	0.788	28	7.71	0
200	2001	98	1045	9	0	2	0	0.787	28	7.77	0
200	2001	98	1100	9	0	2	0	0.789	28	7.83	0
200	2001	98	1115	9	0	2	0	0.788	27	7.82	0
200	2001	98	1130	9	0	2	0	0.783	28	7.84	0
200	2001	98	1145	9	0	2	0	0.783	28	7.94	0
200	2001	98	1200	9	0	2	0	0.779	29	8.05	0
200	2001	98	1215	9	0	2	0	0.78	27	8.11	0
200	2001	98	1230	9	0	2	0	0.774	27	8.18	0
200	2001	98	1245	9	0	2	0	0.776	27	8.29	0
200	2001	98	1300	9	0	2	0	0.774	27	8.33	0
200	2001	98	1315	9	0	2	0	0.772	27	8.37	0
200	2001	98	1330	9	0	2	0	0.772	28	8.4	0
200	2001	98	1345	9	0	2	0	0.774	27	8.4	0
200	2001	98	1400	9	0	2	0	0.77	26	8.4	0
200	2001	98	1415	9	0	2	0	0.767	26	8.36	0
200	2001	98	1430	9	0	2	0	0.767	27	8.45	0.01
200	2001	98	1445	9	0	2	0	0.766	27	8.37	0
200	2001	98	1500	9	0	2	0	0.766	28	8.32	0
200	2001	98	1515	9	0	2	0	0.767	27	8.27	0.02
200	2001	98	1530	9	0	2	0	0.764	27	8.24	0.02
200	2001	98	1545	9	0	2	0	0.763	27	8.18	0.01
200	2001	98	1600	9	0	2	0	0.762	27	8.14	0
200	2001	98	1615	9	0	2	0	0.764	27	8.12	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	98	1630	9	0	2	0	0.762	27	8.11	0
200	2001	98	1645	9	0	2	0	0.765	26	8.1	0
200	2001	98	1700	9	0	2	0	0.769	26	8.12	0
200	2001	98	1715	9	0	2	0	0.774	27	8.09	0
200	2001	98	1730	9	0	2	0	0.777	27	8.06	0
200	2001	98	1745	9	0	2	0	0.781	26	8	0
200	2001	98	1800	9	0	2	0	0.785	27	7.99	0
200	2001	98	1815	9	0	2	0	0.785	27	7.94	0
200	2001	98	1830	9	0	2	0	0.793	27	7.9	0
200	2001	98	1845	9	0	2	0	0.797	27	7.86	0
200	2001	98	1900	9	0	2	0	0.808	26	7.79	0
200	2001	98	1915	9	0	2	0	0.817	27	7.77	0
200	2001	98	1930	9	0	2	0	0.832	28	7.74	0.01
200	2001	98	1945	9	0	2	0	0.922	28	7.69	0
200	2001	98	2000	9	0	1	0	1.064	33	7.67	0
200	2001	98	2015	9	0	1	0	1.155	37	7.64	0
200	2001	98	2030	9	0	1	0	1.22	39	7.57	0
200	2001	98	2045	9	0	1	0	1.296	44	7.55	0
200	2001	98	2100	9	0	1	0	1.353	59	7.55	0
200	2001	98	2115	9	0	1	0	1.4	109	7.52	0
200	2001	98	2130	9	5	1	1	1.406	172	7.52	0
200	2001	98	2145	9	0	1	0	1.431	171	7.56	0
200	2001	98	2200	9	0	1	0	1.449	159	7.58	0
200	2001	98	2215	9	6	2	1	1.455	146	7.57	0
200	2001	98	2230	9	0	2	0	1.446	139	7.57	0
200	2001	98	2245	9	0	2	0	1.451	133	7.57	0
200	2001	98	2300	9	0	2	0	1.443	126	7.54	0
200	2001	98	2315	9	0	2	0	1.423	120	7.53	0
200	2001	98	2330	9	0	2	0	1.434	112	7.52	0
200	2001	98	2345	9	0	2	0	1.419	106	7.48	0
200	2001	98	2400	9	0	2	0	1.419	103	7.48	0
200	2001	99	15	9	7	2	1	1.406	99	7.45	0
200	2001	99	30	9	0	2	0	1.398	95	7.44	0
200	2001	99	45	9	0	2	0	1.381	93	7.42	0
200	2001	99	100	9	0	2	0	1.38	91	7.4	0
200	2001	99	115	9	0	2	0	1.355	87	7.37	0
200	2001	99	130	9	0	2	0	1.361	85	7.35	0
200	2001	99	145	9	0	2	0	1.347	81	7.32	0
200	2001	99	200	9	0	2	0	1.343	79	7.29	0
200	2001	99	215	9	0	2	0	1.332	76	7.26	0
200	2001	99	230	9	0	2	0	1.321	75	7.24	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	99	245	9	0	2	0	1.321	72	7.21	0
200	2001	99	300	9	0	2	0	1.312	70	7.17	0
200	2001	99	315	9	0	2	0	1.301	69	7.15	0
200	2001	99	330	9	0	2	0	1.289	68	7.1	0
200	2001	99	345	9	0	2	0	1.289	68	7.08	0
200	2001	99	400	9	0	2	0	1.279	66	7.05	0
200	2001	99	415	9	0	2	0	1.275	65	7.01	0
200	2001	99	430	9	0	2	0	1.273	64	6.98	0
200	2001	99	445	9	0	2	0	1.264	71	6.952	0
200	2001	99	500	9	0	2	0	1.253	63	6.925	0
200	2001	99	515	9	0	2	0	1.248	61	6.887	0
200	2001	99	530	9	8	2	1	1.239	60	6.849	0
200	2001	99	545	9	0	2	0	1.237	59	6.819	0
200	2001	99	600	9	0	2	0	1.234	59	6.782	0
200	2001	99	615	9	0	2	0	1.225	57	6.763	0
200	2001	99	630	9	0	2	0	1.214	57	6.745	0
200	2001	99	645	9	0	2	0	1.212	56	6.706	0
200	2001	99	700	9	0	2	0	1.206	56	6.687	0
200	2001	99	715	9	0	2	0	1.203	55	6.669	0
200	2001	99	730	9	0	2	0	1.195	54	6.658	0
200	2001	99	745	9	0	2	0	1.182	53	6.628	0
200	2001	99	800	9	0	2	0	1.181	53	6.639	0
200	2001	99	815	9	0	2	0	1.18	53	6.648	0
200	2001	99	830	9	0	2	0	1.165	52	6.687	0
200	2001	99	845	9	0	2	0	1.163	51	6.722	0
200	2001	99	900	9	0	2	0	1.155	52	6.781	0
200	2001	99	915	9	0	2	0	1.146	51	6.864	0
200	2001	99	930	9	0	2	0	1.134	51	6.959	0
200	2001	99	945	9	0	2	0	1.13	50	7.06	0
200	2001	99	1000	9	0	2	0	1.119	50	7.16	0
200	2001	99	1015	9	0	2	0	1.113	49	7.29	0
200	2001	99	1030	9	0	2	0	1.101	49	7.38	0
200	2001	99	1045	9	0	2	0	1.092	49	7.51	0
200	2001	99	1100	9	0	2	0	1.082	48	7.63	0
200	2001	99	1115	9	0	2	0	1.073	49	7.78	0
200	2001	99	1130	9	0	2	0	1.07	47	7.91	0
200	2001	99	1145	9	0	2	0	1.06	47	8.05	0
200	2001	99	1200	9	0	2	0	1.057	47	8.21	0
200	2001	99	1215	9	0	2	0	1.049	48	8.35	0
200	2001	99	1230	9	0	2	0	1.044	47	8.51	0
200	2001	99	1245	9	0	2	0	1.045	47	8.62	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	99	1300	9	0	2	0	1.039	47	8.73	0
200	2001	99	1315	9	0	2	0	1.033	47	8.84	0
200	2001	99	1330	9	0	2	0	1.032	47	8.93	0
200	2001	99	1345	9	0	2	0	1.027	46	9.02	0
200	2001	99	1400	9	0	2	0	1.024	47	9.08	0
200	2001	99	1415	9	0	2	0	1.019	45	9.11	0
200	2001	99	1430	9	0	2	0	1.013	46	9.11	0
200	2001	99	1445	9	0	2	0	1.014	46	9.11	0
200	2001	99	1500	9	0	2	0	1.01	47	9.1	0
200	2001	99	1515	9	0	2	0	1.005	46	9.08	0
200	2001	99	1530	9	0	2	0	1.003	46	9.04	0
200	2001	99	1545	9	0	2	0	0.995	46	9.01	0
200	2001	99	1600	9	0	2	0	0.997	45	8.97	0
200	2001	99	1615	9	0	2	0	0.993	45	8.93	0
200	2001	99	1630	9	0	2	0	0.99	45	8.9	0
200	2001	99	1645	9	0	2	0	0.985	44	8.84	0
200	2001	99	1700	9	0	2	0	0.979	43	8.8	0
200	2001	99	1715	9	0	2	0	0.974	44	8.76	0
200	2001	99	1730	9	0	2	0	0.976	43	8.7	0
200	2001	99	1745	9	0	2	0	0.974	43	8.65	0
200	2001	99	1800	9	0	2	0	0.971	44	8.62	0
200	2001	99	1815	9	0	2	0	0.964	43	8.59	0
200	2001	99	1830	9	0	2	0	0.969	42	8.55	0
200	2001	99	1845	9	0	2	0	0.968	42	8.51	0
200	2001	99	1900	9	0	2	0	0.97	42	8.46	0
200	2001	99	1915	9	0	2	0	0.97	41	8.41	0
200	2001	99	1930	9	0	2	0	0.969	42	8.37	0
200	2001	99	1945	9	0	2	0	0.967	40	8.31	0
200	2001	99	2000	9	0	2	0	0.963	40	8.27	0
200	2001	99	2015	9	0	2	0	0.962	41	8.22	0
200	2001	99	2030	9	0	2	0	0.956	40	8.16	0
200	2001	99	2045	9	0	2	0	0.957	40	8.12	0
200	2001	99	2100	9	0	2	0	0.955	39	8.08	0
200	2001	99	2115	9	0	2	0	0.951	39	8.04	0
200	2001	99	2130	9	0	2	0	0.95	39	8.02	0
200	2001	99	2145	9	0	2	0	0.945	38	7.98	0
200	2001	99	2200	9	0	2	0	0.946	38	7.95	0
200	2001	99	2215	9	0	2	0	0.944	38	7.91	0
200	2001	99	2230	9	0	2	0	0.94	39	7.9	0
200	2001	99	2245	9	0	2	0	0.94	38	7.89	0
200	2001	99	2300	9	0	2	0	0.938	38	7.88	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOIT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	99	2315	9	0	2	0	0.934	37	7.85	0
200	2001	99	2330	9	0	2	0	0.937	38	7.85	0
200	2001	99	2345	9	0	2	0	0.928	38	7.84	0
200	2001	99	2400	9	0	2	0	0.93	38	7.84	0
200	2001	100	15	9	0	2	0	0.927	38	7.85	0
200	2001	100	30	9	0	2	0	0.925	36	7.84	0
200	2001	100	45	9	0	2	0	0.924	37	7.83	0
200	2001	100	100	9	0	2	0	0.923	36	7.83	0
200	2001	100	115	9	0	2	0	0.914	37	7.81	0
200	2001	100	130	9	0	2	0	0.915	37	7.8	0
200	2001	100	145	9	0	2	0	0.916	37	7.79	0
200	2001	100	200	9	0	2	0	0.911	37	7.78	0
200	2001	100	215	9	0	2	0	0.907	37	7.76	0
200	2001	100	230	9	0	2	0	0.905	36	7.74	0
200	2001	100	245	9	0	2	0	0.904	36	7.72	0
200	2001	100	300	9	0	2	0	0.901	36	7.71	0
200	2001	100	315	9	0	2	0	0.898	36	7.7	0
200	2001	100	330	9	0	2	0	0.899	36	7.68	0
200	2001	100	345	9	0	2	0	0.9	36	7.66	0
200	2001	100	400	9	0	2	0	0.896	35	7.66	0
200	2001	100	415	9	0	2	0	0.896	36	7.63	0
200	2001	100	430	9	0	2	0	0.89	35	7.6	0
200	2001	100	445	9	0	2	0	0.893	36	7.56	0
200	2001	100	500	9	0	2	0	0.89	35	7.54	0
200	2001	100	515	9	0	2	0	0.887	36	7.52	0
200	2001	100	530	9	0	2	0	0.888	35	7.47	0
200	2001	100	545	9	0	2	0	0.888	33	7.46	0
200	2001	100	600	9	0	2	0	0.888	31	7.43	0
200	2001	100	615	9	0	2	0	0.887	30	7.39	0
200	2001	100	630	9	0	2	0	0.882	31	7.39	0
200	2001	100	645	9	9	2	1	0.883	30	7.37	0
200	2001	100	700	9	0	2	0	0.883	183	7.37	0
200	2001	100	715	9	0	2	0	0.878	30	7.37	0
200	2001	100	730	9	0	2	0	0.876	29	7.38	0
200	2001	100	745	9	0	2	0	0.876	28	7.39	0
200	2001	100	800	9	0	2	0	0.873	29	7.41	0
200	2001	100	815	9	0	2	0	0.869	29	7.44	0
200	2001	100	830	9	0	2	0	0.865	29	7.51	0
200	2001	100	845	9	0	2	0	0.863	28	7.58	0
200	2001	100	900	9	0	2	0	0.859	28	7.57	0
200	2001	100	915	9	0	2	0	0.86	28	7.68	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOIT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	100	930	9	0	2	0	0.855	28	7.78	0
200	2001	100	945	9	0	2	0	0.852	27	7.89	0
200	2001	100	1000	9	0	2	0	0.849	28	8.01	0
200	2001	100	1015	9	0	2	0	0.845	28	8.18	0
200	2001	100	1030	9	0	2	0	0.844	28	8.31	0
200	2001	100	1045	9	0	2	0	0.844	28	8.47	0
200	2001	100	1100	9	0	2	0	0.842	29	8.55	0
200	2001	100	1115	9	0	2	0	0.839	28	8.65	0
200	2001	100	1130	9	0	2	0	0.837	29	8.77	0
200	2001	100	1145	9	0	2	0	0.835	27	8.83	0
200	2001	100	1200	9	0	2	0	0.833	28	8.88	0
200	2001	100	1215	9	0	2	0	0.831	28	8.89	0
200	2001	100	1230	9	0	2	0	0.829	27	8.89	0
200	2001	100	1245	9	0	2	0	0.826	28	8.89	0
200	2001	100	1300	9	0	2	0	0.826	28	8.92	0
200	2001	100	1315	9	0	2	0	0.824	28	8.92	0
200	2001	100	1330	9	0	2	0	0.821	28	8.95	0
200	2001	100	1345	9	0	2	0	0.822	28	9.04	0
200	2001	100	1400	9	0	2	0	0.819	28	9.08	0
200	2001	100	1415	9	0	2	0	0.82	28	9.1	0
200	2001	100	1430	9	0	2	0	0.815	28	9.11	0
200	2001	100	1445	9	0	2	0	0.812	27	9.13	0
200	2001	100	1500	9	0	2	0	0.814	29	9.16	0
200	2001	100	1515	9	0	2	0	0.81	29	9.15	0
200	2001	100	1530	9	0	2	0	0.81	29	9.12	0
200	2001	100	1545	9	0	2	0	0.807	29	9.12	0
200	2001	100	1600	9	0	2	0	0.806	29	9.07	0
200	2001	100	1615	9	0	2	0	0.803	28	9.05	0
200	2001	100	1630	9	0	2	0	0.799	28	9.02	0
200	2001	100	1645	9	0	2	0	0.798	28	8.98	0
200	2001	100	1700	9	0	2	0	0.797	27	8.95	0.01
200	2001	100	1715	9	0	2	0	0.796	28	8.93	0
200	2001	100	1730	9	0	2	0	0.795	27	8.93	0
200	2001	100	1745	9	0	2	0	0.79	28	8.89	0
200	2001	100	1800	9	0	2	0	0.791	27	8.85	0
200	2001	100	1815	9	0	2	0	0.79	28	8.82	0
200	2001	100	1830	9	0	2	0	0.785	28	8.77	0
200	2001	100	1845	9	0	2	0	0.787	27	8.74	0
200	2001	100	1900	9	0	2	0	0.783	28	8.71	0
200	2001	100	1915	9	0	2	0	0.785	27	8.68	0
200	2001	100	1930	9	0	2	0	0.782	26	8.65	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	100	1945	9	0	2	0	0.78	28	8.62	0.01
200	2001	100	2000	9	0	2	0	0.779	27	8.58	0
200	2001	100	2015	9	0	2	0	0.782	27	8.55	0
200	2001	100	2030	9	0	2	0	0.777	26	8.52	0
200	2001	100	2045	9	0	2	0	0.776	28	8.49	0
200	2001	100	2100	9	0	2	0	0.774	25	8.47	0
200	2001	100	2115	9	0	2	0	0.772	26	8.45	0
200	2001	100	2130	9	0	2	0	0.771	27	8.44	0
200	2001	100	2145	9	0	2	0	0.772	26	8.4	0
200	2001	100	2200	9	0	2	0	0.772	27	8.39	0
200	2001	100	2215	9	0	2	0	0.772	27	8.38	0
200	2001	100	2230	9	0	2	0	0.771	26	8.35	0
200	2001	100	2245	9	0	2	0	0.769	26	8.33	0
200	2001	100	2300	9	0	2	0	0.767	27	8.32	0
200	2001	100	2315	9	0	2	0	0.766	26	8.28	0
200	2001	100	2330	9	0	2	0	0.77	27	8.27	0
200	2001	100	2345	9	0	2	0	0.768	27	8.25	0
200	2001	100	2400	9	0	2	0	0.766	26	8.23	0
200	2001	101	15	9	0	2	0	0.765	25	8.21	0
200	2001	101	30	9	0	2	0	0.766	26	8.19	0
200	2001	101	45	9	0	2	0	0.764	25	8.2	0
200	2001	101	100	9	0	2	0	0.763	27	8.18	0
200	2001	101	115	9	0	2	0	0.762	27	8.15	0
200	2001	101	130	9	0	2	0	0.761	26	8.16	0
200	2001	101	145	9	0	2	0	0.76	27	8.15	0
200	2001	101	200	9	0	2	0	0.759	26	8.15	0
200	2001	101	215	9	0	2	0	0.759	26	8.13	0.01
200	2001	101	230	9	0	2	0	0.757	25	8.12	0
200	2001	101	245	9	0	2	0	0.756	26	8.1	0
200	2001	101	300	9	0	2	0	0.756	25	8.09	0
200	2001	101	315	9	0	2	0	0.755	26	8.08	0.01
200	2001	101	330	9	0	2	0	0.756	25	8.08	0.01
200	2001	101	345	9	0	2	0	0.754	26	8.07	0
200	2001	101	400	9	0	2	0	0.754	26	8.08	0.01
200	2001	101	415	9	0	2	0	0.753	26	8.05	0.01
200	2001	101	430	9	0	2	0	0.753	27	8.05	0
200	2001	101	445	9	0	2	0	0.753	29	8.05	0
200	2001	101	500	9	0	2	0	0.753	28	8.03	0.01
200	2001	101	515	9	0	1	0	0.752	36	8.04	0
200	2001	101	530	9	0	1	0	0.75	32	8.04	0
200	2001	101	545	9	10	2	1	0.751	25	8.03	0.01

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	101	600	9	0	2	0	0.749	24	8.02	0
200	2001	101	615	9	0	2	0	0.749	23	8.02	0.01
200	2001	101	630	9	0	2	0	0.749	24	8.02	0.01
200	2001	101	645	9	0	2	0	0.748	24	8.02	0.01
200	2001	101	700	9	0	2	0	0.748	23	8.02	0.01
200	2001	101	715	9	0	2	0	0.749	25	8.02	0
200	2001	101	730	9	0	2	0	0.749	23	8.03	0.01
200	2001	101	745	9	0	2	0	0.749	24	8.05	0
200	2001	101	800	9	0	2	0	0.747	23	8.06	0
200	2001	101	815	9	0	2	0	0.749	23	8.09	0
200	2001	101	830	9	0	2	0	0.751	24	8.11	0
200	2001	101	845	9	0	2	0	0.75	25	8.15	0
200	2001	101	900	9	0	2	0	0.749	23	8.17	0
200	2001	101	915	9	0	2	0	0.752	24	8.27	0
200	2001	101	930	9	0	2	0	0.752	24	8.37	0
200	2001	101	945	9	0	2	0	0.753	25	8.42	0
200	2001	101	1000	9	0	2	0	0.754	24	8.46	0
200	2001	101	1015	9	0	2	0	0.758	24	8.6	0
200	2001	101	1030	9	0	2	0	0.759	24	8.65	0
200	2001	101	1045	9	0	2	0	0.764	24	8.68	0
200	2001	101	1100	9	0	2	0	0.773	24	8.76	0
200	2001	101	1115	9	0	2	0	0.777	24	8.93	0
200	2001	101	1130	9	0	2	0	0.783	25	9.12	0
200	2001	101	1145	9	0	2	0	0.792	24	9.25	0
200	2001	101	1200	9	0	2	0	0.797	24	9.46	0
200	2001	101	1215	9	0	2	0	0.804	24	9.63	0
200	2001	101	1230	9	0	2	0	0.811	24	9.83	0
200	2001	101	1245	9	0	2	0	0.811	24	9.98	0
200	2001	101	1300	9	0	2	0	0.82	26	10.12	0
200	2001	101	1315	9	0	2	0	0.825	24	10.27	0
200	2001	101	1330	9	0	2	0	0.826	25	10.31	0
200	2001	101	1345	9	0	2	0	0.828	26	10.37	0
200	2001	101	1400	9	0	2	0	0.837	25	10.41	0
200	2001	101	1415	9	0	2	0	0.844	25	10.38	0
200	2001	101	1430	9	0	2	0	0.844	27	10.35	0
200	2001	101	1445	9	0	2	0	0.841	27	10.38	0
200	2001	101	1500	9	0	2	0	0.847	26	10.34	0
200	2001	101	1515	9	0	2	0	0.844	26	10.26	0
200	2001	101	1530	9	0	2	0	0.846	27	10.15	0
200	2001	101	1545	9	0	2	0	0.844	27	10.07	0
200	2001	101	1600	9	0	2	0	0.845	27	9.98	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	101	1615	9	0	1	0	0.848	29	9.88	0
200	2001	101	1630	9	0	1	0	0.844	29	9.81	0
200	2001	101	1645	9	0	1	0	0.841	29	9.72	0
200	2001	101	1700	9	0	1	0	0.844	29	9.66	0
200	2001	101	1715	9	0	1	0	0.844	30	9.62	0
200	2001	101	1730	9	0	1	0	0.84	30	9.59	0
200	2001	101	1745	9	0	1	0	0.838	29	9.51	0
200	2001	101	1800	9	0	1	0	0.835	29	9.45	0
200	2001	101	1815	9	0	1	0	0.836	30	9.39	0
200	2001	101	1830	9	0	1	0	0.833	29	9.32	0
200	2001	101	1845	9	0	1	0	0.831	30	9.27	0
200	2001	101	1900	9	0	1	0	0.832	33	9.22	0
200	2001	101	1915	9	0	1	0	0.83	29	9.16	0
200	2001	101	1930	9	11	2	1	0.828	28	9.1	0
200	2001	101	1945	9	0	2	0	0.829	29	9.04	0
200	2001	101	2000	9	0	2	0	0.827	30	8.97	0
200	2001	101	2015	9	0	2	0	0.825	28	8.92	0
200	2001	101	2030	9	0	2	0	0.821	27	8.82	0
200	2001	101	2045	9	0	2	0	0.823	28	8.77	0
200	2001	101	2100	9	0	2	0	0.823	28	8.7	0
200	2001	101	2115	9	0	2	0	0.816	28	8.64	0
200	2001	101	2130	9	0	2	0	0.821	29	8.58	0
200	2001	101	2145	9	0	2	0	0.815	28	8.54	0
200	2001	101	2200	9	0	2	0	0.817	28	8.48	0
200	2001	101	2215	9	0	2	0	0.813	28	8.44	0
200	2001	101	2230	9	0	2	0	0.812	29	8.4	0
200	2001	101	2245	9	0	2	0	0.813	28	8.34	0
200	2001	101	2300	9	0	2	0	0.811	28	8.3	0
200	2001	101	2315	9	0	2	0	0.813	27	8.24	0
200	2001	101	2330	9	0	2	0	0.81	28	8.2	0
200	2001	101	2345	9	0	2	0	0.81	29	8.15	0
200	2001	101	2400	9	0	2	0	0.811	27	8.1	0
200	2001	102	15	9	0	2	0	0.813	28	8.04	0
200	2001	102	30	9	0	2	0	0.814	27	8.01	0
200	2001	102	45	9	0	2	0	0.812	28	7.95	0
200	2001	102	100	9	0	2	0	0.814	27	7.9	0
200	2001	102	115	9	0	2	0	0.818	28	7.85	0
200	2001	102	130	9	0	2	0	0.815	28	7.81	0
200	2001	102	145	9	0	2	0	0.814	28	7.76	0
200	2001	102	200	9	0	2	0	0.815	29	7.71	0
200	2001	102	215	9	0	2	0	0.815	28	7.66	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	102	230	9	0	2	0	0.817	28	7.6	0
200	2001	102	245	9	0	2	0	0.817	28	7.56	0
200	2001	102	300	9	0	2	0	0.817	27	7.52	0
200	2001	102	315	9	0	2	0	0.819	28	7.47	0
200	2001	102	330	9	0	2	0	0.821	29	7.43	0
200	2001	102	345	9	0	2	0	0.823	27	7.38	0
200	2001	102	400	9	0	2	0	0.823	28	7.34	0
200	2001	102	415	9	0	2	0	0.824	28	7.3	0
200	2001	102	430	9	0	2	0	0.819	28	7.23	0
200	2001	102	445	9	0	2	0	0.82	28	7.18	0
200	2001	102	500	9	0	2	0	0.82	28	7.12	0
200	2001	102	515	9	0	2	0	0.818	29	7.1	0
200	2001	102	530	9	0	2	0	0.819	25	7.04	0
200	2001	102	545	9	0	2	0	0.819	25	7.01	0
200	2001	102	600	9	0	2	0	0.819	26	6.964	0
200	2001	102	615	9	0	2	0	0.816	25	6.927	0
200	2001	102	630	9	0	2	0	0.816	25	6.898	0
200	2001	102	645	9	0	2	0	0.812	26	6.888	0
200	2001	102	700	9	0	2	0	0.812	25	6.898	0
200	2001	102	715	9	0	2	0	0.812	24	6.916	0
200	2001	102	730	9	0	2	0	0.809	25	6.926	0
200	2001	102	745	9	0	2	0	0.808	25	6.954	0
200	2001	102	800	9	0	2	0	0.806	25	7	0
200	2001	102	815	9	0	2	0	0.805	25	7.06	0
200	2001	102	830	9	0	2	0	0.804	25	7.12	0
200	2001	102	845	9	0	2	0	0.8	25	7.18	0
200	2001	102	900	9	0	2	0	0.799	26	7.26	0
200	2001	102	915	9	0	2	0	0.792	25	7.34	0
200	2001	102	930	9	0	2	0	0.791	25	7.43	0
200	2001	102	945	9	0	2	0	0.787	25	7.49	0
200	2001	102	1000	9	0	2	0	0.781	26	7.61	0
200	2001	102	1015	9	0	2	0	0.778	26	7.72	0
200	2001	102	1030	9	0	2	0	0.774	25	7.81	0
200	2001	102	1045	9	0	2	0	0.772	26	7.85	0
200	2001	102	1100	9	0	2	0	0.77	25	7.92	0
200	2001	102	1115	9	0	2	0	0.77	25	7.97	0
200	2001	102	1130	9	0	2	0	0.768	25	8.03	0
200	2001	102	1145	9	0	2	0	0.767	26	8.09	0
200	2001	102	1200	9	0	2	0	0.762	25	8.22	0
200	2001	102	1215	9	0	2	0	0.755	26	8.33	0
200	2001	102	1230	9	0	2	0	0.752	26	8.44	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	102	1245	9	0	2	0	0.747	26	8.52	0
200	2001	102	1300	9	0	2	0	0.747	26	8.58	0
200	2001	102	1315	9	0	2	0	0.743	27	8.65	0
200	2001	102	1330	9	0	2	0	0.742	27	8.7	0
200	2001	102	1345	9	0	2	0	0.741	27	8.75	0
200	2001	102	1400	9	0	2	0	0.74	27	8.78	0
200	2001	102	1415	9	0	2	0	0.737	26	8.83	0
200	2001	102	1430	9	0	2	0	0.736	27	8.89	0
200	2001	102	1445	9	0	2	0	0.736	27	8.91	0
200	2001	102	1500	9	0	2	0	0.733	27	8.92	0
200	2001	102	1515	9	0	2	0	0.733	27	8.91	0
200	2001	102	1530	9	0	2	0	0.729	26	8.9	0
200	2001	102	1545	9	0	2	0	0.729	28	8.88	0
200	2001	102	1600	9	0	2	0	0.727	27	8.89	0
200	2001	102	1615	9	0	2	0	0.725	27	8.85	0
200	2001	102	1630	9	0	2	0	0.725	27	8.86	0
200	2001	102	1645	9	0	2	0	0.725	27	8.82	0
200	2001	102	1700	9	0	2	0	0.724	28	8.79	0
200	2001	102	1715	9	0	2	0	0.721	27	8.77	0
200	2001	102	1730	9	0	2	0	0.72	27	8.74	0
200	2001	102	1745	9	0	2	0	0.719	27	8.71	0
200	2001	102	1800	9	0	2	0	0.719	27	8.69	0
200	2001	102	1815	9	0	2	0	0.718	27	8.65	0
200	2001	102	1830	9	0	2	0	0.716	28	8.65	0
200	2001	102	1845	9	0	2	0	0.714	28	8.61	0
200	2001	102	1900	9	0	2	0	0.713	28	8.59	0
200	2001	102	1915	9	0	2	0	0.714	27	8.58	0
200	2001	102	1930	9	0	2	0	0.714	28	8.56	0
200	2001	102	1945	9	0	2	0	0.714	28	8.54	0
200	2001	102	2000	9	0	2	0	0.715	28	8.52	0
200	2001	102	2015	9	0	2	0	0.715	28	8.51	0
200	2001	102	2030	9	0	2	0	0.715	24	8.48	0
200	2001	102	2045	9	0	2	0	0.714	24	8.47	0
200	2001	102	2100	9	0	2	0	0.714	25	8.46	0
200	2001	102	2115	9	0	2	0	0.713	25	8.43	0
200	2001	102	2130	9	0	2	0	0.713	24	8.42	0
200	2001	102	2145	9	0	2	0	0.711	25	8.42	0
200	2001	102	2200	9	0	2	0	0.714	25	8.4	0
200	2001	102	2215	9	0	2	0	0.713	24	8.36	0
200	2001	102	2230	9	0	2	0	0.71	25	8.36	0
200	2001	102	2245	9	0	2	0	0.713	24	8.34	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	102	2300	9	0	2	0	0.712	24	8.33	0
200	2001	102	2315	9	0	2	0	0.71	24	8.33	0
200	2001	102	2330	9	0	2	0	0.712	24	8.28	0
200	2001	102	2345	9	0	2	0	0.712	25	8.26	0
200	2001	102	2400	9	0	2	0	0.711	26	8.25	0
200	2001	103	15	9	0	2	0	0.711	23	8.23	0
200	2001	103	30	9	0	2	0	0.709	24	8.22	0
200	2001	103	45	9	0	2	0	0.709	23	8.18	0
200	2001	103	100	9	0	2	0	0.708	23	8.15	0
200	2001	103	115	9	0	2	0	0.708	23	8.16	0
200	2001	103	130	9	0	2	0	0.707	24	8.13	0
200	2001	103	145	9	0	2	0	0.703	23	8.12	0
200	2001	103	200	9	0	2	0	0.702	24	8.09	0
200	2001	103	215	9	0	2	0	0.702	23	8.08	0
200	2001	103	230	9	0	2	0	0.703	23	8.05	0
200	2001	103	245	9	0	2	0	0.702	24	8.03	0
200	2001	103	300	9	0	2	0	0.703	24	8	0
200	2001	103	315	9	0	2	0	0.702	23	8.01	0
200	2001	103	330	9	0	2	0	0.702	23	7.97	0
200	2001	103	345	9	0	2	0	0.702	23	7.94	0
200	2001	103	400	9	0	2	0	0.702	23	7.92	0
200	2001	103	415	9	0	2	0	0.703	23	7.89	0
200	2001	103	430	9	0	2	0	0.703	23	7.88	0
200	2001	103	445	9	0	2	0	0.702	23	7.87	0
200	2001	103	500	9	0	2	0	0.703	23	7.85	0
200	2001	103	515	9	0	2	0	0.703	24	7.8	0
200	2001	103	530	9	0	2	0	0.706	23	7.77	0
200	2001	103	545	9	0	2	0	0.708	23	7.75	0
200	2001	103	600	9	0	2	0	0.709	24	7.72	0
200	2001	103	615	9	0	2	0	0.71	24	7.69	0
200	2001	103	630	9	0	2	0	0.711	23	7.65	0
200	2001	103	645	9	0	2	0	0.71	24	7.64	0
200	2001	103	700	9	0	2	0	0.709	23	7.62	0
200	2001	103	715	9	0	2	0	0.709	23	7.59	0
200	2001	103	730	9	0	2	0	0.708	24	7.57	0
200	2001	103	745	9	0	2	0	0.709	23	7.57	0
200	2001	103	800	9	0	2	0	0.706	23	7.59	0
200	2001	103	815	9	0	2	0	0.703	23	7.61	0
200	2001	103	830	9	0	2	0	0.703	23	7.63	0
200	2001	103	845	9	0	2	0	0.703	23	7.65	0
200	2001	103	900	9	0	2	0	0.701	23	7.7	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	103	915	9	0	2	0	0.697	23	7.78	0
200	2001	103	930	9	0	2	0	0.696	24	7.83	0
200	2001	103	945	9	0	2	0	0.69	23	7.91	0
200	2001	103	1000	9	0	2	0	0.686	24	7.97	0
200	2001	103	1015	9	0	2	0	0.683	24	8.08	0
200	2001	103	1030	9	0	2	0	0.677	24	8.22	0
200	2001	103	1045	9	0	2	0	0.676	23	8.3	0
200	2001	103	1100	9	0	2	0	0.67	23	8.47	0
200	2001	103	1115	9	0	2	0	0.664	24	8.67	0
200	2001	103	1130	9	0	2	0	0.658	24	8.86	0
200	2001	103	1145	9	0	2	0	0.658	25	9.02	0
200	2001	103	1200	9	0	2	0	0.655	25	9.2	0
200	2001	103	1215	9	0	1	0	0.653	39	9.36	0
200	2001	103	1230	9	0	1	0	0.653	35	9.52	0
200	2001	103	1245	9	12	2	1	0.654	27	9.7	0
200	2001	103	1300	9	0	2	0	0.652	26	9.84	0
200	2001	103	1315	9	0	2	0	0.651	22	9.99	0
200	2001	103	1330	9	0	2	0	0.651	20	10.12	0
200	2001	103	1345	9	0	2	0	0.649	22	10.23	0
200	2001	103	1400	9	0	2	0	0.649	22	10.32	0
200	2001	103	1415	9	0	1	0	0.648	26	10.34	0
200	2001	103	1430	9	0	1	0	0.65	21	10.32	0
200	2001	103	1445	9	0	2	0	0.648	20	10.29	0
200	2001	103	1500	9	0	2	0	0.646	21	10.26	0
200	2001	103	1515	9	0	2	0	0.644	20	10.19	0
200	2001	103	1530	9	0	2	0	0.644	20	10.12	0
200	2001	103	1545	9	0	2	0	0.645	20	10.09	0
200	2001	103	1600	9	0	2	0	0.643	19	10.02	0
200	2001	103	1615	9	0	2	0	0.642	19	9.96	0
200	2001	103	1630	9	0	2	0	0.642	20	9.87	0
200	2001	103	1645	9	0	2	0	0.64	20	9.76	0
200	2001	103	1700	9	0	2	0	0.639	20	9.67	0
200	2001	103	1715	9	0	2	0	0.637	20	9.58	0
200	2001	103	1730	9	0	2	0	0.636	19	9.48	0
200	2001	103	1745	9	0	2	0	0.634	20	9.38	0
200	2001	103	1800	9	0	2	0	0.635	19	9.27	0
200	2001	103	1815	9	0	2	0	0.632	18	9.19	0
200	2001	103	1830	9	0	2	0	0.631	20	9.11	0
200	2001	103	1845	9	0	2	0	0.631	19	9.02	0
200	2001	103	1900	9	0	2	0	0.631	18	8.94	0
200	2001	103	1915	9	0	2	0	0.631	19	8.88	0

S ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	103	1930	9	0	2	0	0.631	19	8.8	0
200	2001	103	1945	9	0	2	0	0.629	19	8.74	0
200	2001	103	2000	9	0	2	0	0.629	18	8.69	0
200	2001	103	2015	9	0	2	0	0.631	20	8.61	0
200	2001	103	2030	9	0	2	0	0.63	18	8.54	0
200	2001	103	2045	9	0	2	0	0.632	19	8.47	0
200	2001	103	2100	9	0	2	0	0.634	19	8.39	0
200	2001	103	2115	9	0	2	0	0.634	18	8.32	0
200	2001	103	2130	9	0	2	0	0.636	18	8.25	0
200	2001	103	2145	9	0	2	0	0.639	18	8.17	0
200	2001	103	2200	9	0	2	0	0.641	18	8.11	0
200	2001	103	2215	9	0	2	0	0.642	18	8.02	0
200	2001	103	2230	9	0	2	0	0.645	18	7.97	0
200	2001	103	2245	9	0	2	0	0.646	19	7.91	0
200	2001	103	2300	9	0	2	0	0.651	19	7.86	0
200	2001	103	2315	9	0	2	0	0.65	18	7.83	0
200	2001	103	2330	9	0	2	0	0.651	18	7.77	0
200	2001	103	2345	9	0	2	0	0.65	17	7.74	0
200	2001	103	2400	9	0	2	0	0.65	18	7.72	0
200	2001	104	15	9	0	2	0	0.648	19	7.68	0
200	2001	104	30	9	0	2	0	0.646	18	7.66	0
200	2001	104	45	9	0	2	0	0.644	17	7.65	0
200	2001	104	100	9	0	2	0	0.642	17	7.62	0
200	2001	104	115	9	0	2	0	0.639	17	7.59	0
200	2001	104	130	9	0	2	0	0.639	18	7.57	0
200	2001	104	145	9	0	2	0	0.636	17	7.55	0
200	2001	104	200	9	0	2	0	0.633	17	7.5	0
200	2001	104	215	9	0	2	0	0.634	19	7.49	0
200	2001	104	230	9	0	2	0	0.633	18	7.45	0
200	2001	104	245	9	0	2	0	0.636	19	7.41	0
200	2001	104	300	9	0	2	0	0.637	18	7.35	0
200	2001	104	315	9	0	2	0	0.637	18	7.3	0
200	2001	104	330	9	0	2	0	0.637	18	7.24	0
200	2001	104	345	9	0	2	0	0.639	18	7.2	0
200	2001	104	400	9	0	2	0	0.64	17	7.14	0
200	2001	104	415	9	0	2	0	0.64	17	7.1	0
200	2001	104	430	9	0	2	0	0.639	17	7.04	0
200	2001	104	445	9	0	2	0	0.64	18	7.02	0
200	2001	104	500	9	0	2	0	0.64	18	6.997	0
200	2001	104	515	9	0	2	0	0.64	18	6.939	0
200	2001	104	530	9	0	2	0	0.64	17	6.92	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	104	545	9	0	2	0	0.641	17	6.904	0
200	2001	104	600	9	0	2	0	0.645	18	6.875	0
200	2001	104	615	9	0	2	0	0.643	17	6.866	0
200	2001	104	630	9	0	2	0	0.642	17	6.854	0
200	2001	104	645	9	0	2	0	0.645	17	6.835	0
200	2001	104	700	9	0	2	0	0.643	17	6.844	0
200	2001	104	715	9	0	2	0	0.642	17	6.845	0
200	2001	104	730	9	0	2	0	0.64	18	6.853	0
200	2001	104	745	9	0	2	0	0.639	18	6.91	0
200	2001	104	800	9	0	2	0	0.639	18	6.938	0
200	2001	104	815	9	0	2	0	0.633	18	6.986	0
200	2001	104	830	9	0	2	0	0.631	17	7.06	0
200	2001	104	845	9	0	2	0	0.627	17	7.14	0
200	2001	104	900	9	0	2	0	0.625	17	7.21	0
200	2001	104	915	9	0	2	0	0.62	18	7.26	0
200	2001	104	930	9	0	2	0	0.614	18	7.41	0
200	2001	104	945	9	0	2	0	0.612	18	7.46	0
200	2001	104	1000	9	0	2	0	0.607	18	7.58	0
200	2001	104	1015	9	0	2	0	0.601	18	7.79	0
200	2001	104	1030	9	0	2	0	0.598	17	7.98	0
200	2001	104	1045	9	0	2	0	0.594	18	8.15	0
200	2001	104	1100	9	0	2	0	0.593	18	8.37	0
200	2001	104	1115	9	0	2	0	0.59	17	8.48	0
200	2001	104	1130	9	0	2	0	0.592	17	8.66	0
200	2001	104	1145	9	0	2	0	0.59	17	8.87	0
200	2001	104	1200	9	0	2	0	0.591	18	9.03	0
200	2001	104	1215	9	0	2	0	0.591	17	9.18	0
200	2001	104	1230	9	0	2	0	0.589	17	9.33	0
200	2001	104	1245	9	0	2	0	0.59	19	9.52	0
200	2001	104	1300	9	0	2	0	0.59	18	9.58	0
200	2001	104	1315	9	0	2	0	0.589	19	9.56	0
200	2001	104	1330	9	0	2	0	0.587	18	9.57	0
200	2001	104	1345	9	0	2	0	0.589	19	9.59	0
200	2001	104	1400	9	0	2	0	0.587	18	9.6	0
200	2001	104	1415	9	0	2	0	0.586	19	9.63	0
200	2001	104	1430	9	0	2	0	0.585	18	9.65	0
200	2001	104	1445	9	0	2	0	0.585	19	9.69	0
200	2001	104	1500	9	0	2	0	0.584	19	9.7	0
200	2001	104	1515	9	0	2	0	0.584	19	9.68	0
200	2001	104	1530	9	0	2	0	0.583	18	9.68	0
200	2001	104	1545	9	0	2	0	0.582	18	9.67	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	104	1600	9	0	2	0	0.582	20	9.66	0
200	2001	104	1615	9	0	2	0	0.582	18	9.67	0
200	2001	104	1630	9	0	2	0	0.581	19	9.65	0
200	2001	104	1645	9	0	2	0	0.58	19	9.64	0
200	2001	104	1700	9	0	2	0	0.579	17	9.62	0
200	2001	104	1715	9	0	2	0	0.578	17	9.57	0
200	2001	104	1730	9	0	2	0	0.578	18	9.5	0
200	2001	104	1745	9	0	2	0	0.577	18	9.43	0
200	2001	104	1800	9	0	2	0	0.577	18	9.35	0
200	2001	104	1815	9	0	2	0	0.575	18	9.26	0
200	2001	104	1830	9	0	2	0	0.575	19	9.2	0
200	2001	104	1845	9	0	2	0	0.574	19	9.12	0
200	2001	104	1900	9	0	2	0	0.573	18	9.06	0
200	2001	104	1915	9	0	2	0	0.573	20	9	0
200	2001	104	1930	9	13	1	1	0.572	23	8.95	0
200	2001	104	1945	9	0	1	0	0.57	61	8.91	0
200	2001	104	2000	9	0	1	0	0.57	17	8.86	0
200	2001	104	2015	9	0	1	0	0.568	18	8.84	0
200	2001	104	2030	9	0	1	0	0.57	18	8.79	0
200	2001	104	2045	9	14	2	1	0.568	17	8.75	0
200	2001	104	2100	9	0	2	0	0.567	17	8.73	0
200	2001	104	2115	9	0	2	0	0.567	18	8.71	0
200	2001	104	2130	9	0	2	0	0.566	18	8.68	0
200	2001	104	2145	9	0	2	0	0.567	17	8.66	0
200	2001	104	2200	9	0	2	0	0.563	17	8.63	0
200	2001	104	2215	9	0	2	0	0.563	19	8.62	0
200	2001	104	2230	9	0	2	0	0.562	17	8.58	0
200	2001	104	2245	9	0	2	0	0.562	18	8.54	0
200	2001	104	2300	9	0	2	0	0.562	18	8.52	0
200	2001	104	2315	9	0	2	0	0.562	17	8.48	0
200	2001	104	2330	9	0	2	0	0.562	15	8.43	0
200	2001	104	2345	9	0	2	0	0.562	16	8.38	0
200	2001	104	2400	9	0	2	0	0.561	16	8.32	0
200	2001	105	15	9	0	2	0	0.56	15	8.25	0
200	2001	105	30	9	0	2	0	0.561	15	8.22	0
200	2001	105	45	9	0	2	0	0.559	15	8.16	0
200	2001	105	100	9	0	2	0	0.561	14	8.11	0
200	2001	105	115	9	0	2	0	0.559	16	8.07	0
200	2001	105	130	9	0	2	0	0.558	15	8.03	0
200	2001	105	145	9	0	2	0	0.558	15	7.98	0
200	2001	105	200	9	0	2	0	0.556	15	7.93	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	105	215	9	0	2	0	0.556	16	7.91	0
200	2001	105	230	9	0	2	0	0.557	15	7.85	0
200	2001	105	245	9	0	2	0	0.556	15	7.78	0
200	2001	105	300	9	0	2	0	0.556	14	7.76	0
200	2001	105	315	9	0	2	0	0.556	16	7.69	0
200	2001	105	330	9	0	2	0	0.556	14	7.64	0
200	2001	105	345	9	0	2	0	0.556	14	7.6	0
200	2001	105	400	9	0	2	0	0.556	14	7.54	0
200	2001	105	415	9	0	2	0	0.556	16	7.5	0
200	2001	105	430	9	0	2	0	0.556	16	7.47	0
200	2001	105	445	9	0	2	0	0.556	16	7.42	0
200	2001	105	500	9	0	2	0	0.558	18	7.4	0
200	2001	105	515	9	0	2	0	0.558	15	7.32	0
200	2001	105	530	9	0	2	0	0.561	15	7.3	0
200	2001	105	545	9	0	2	0	0.562	16	7.26	0
200	2001	105	600	9	0	2	0	0.561	15	7.24	0
200	2001	105	615	9	0	2	0	0.562	15	7.2	0
200	2001	105	630	9	0	2	0	0.562	14	7.19	0
200	2001	105	645	9	0	2	0	0.561	14	7.17	0
200	2001	105	700	9	0	2	0	0.562	15	7.17	0
200	2001	105	715	9	0	2	0	0.561	14	7.17	0
200	2001	105	730	9	0	2	0	0.559	15	7.19	0
200	2001	105	745	9	0	2	0	0.558	15	7.22	0
200	2001	105	800	9	0	2	0	0.557	15	7.25	0
200	2001	105	815	9	0	2	0	0.555	16	7.31	0
200	2001	105	830	9	0	2	0	0.554	16	7.37	0
200	2001	105	845	9	0	2	0	0.551	15	7.44	0
200	2001	105	900	9	0	2	0	0.549	16	7.51	0
200	2001	105	915	9	0	2	0	0.548	14	7.64	0
200	2001	105	930	9	0	2	0	0.547	15	7.77	0
200	2001	105	945	9	0	2	0	0.547	14	7.9	0
200	2001	105	1000	9	0	2	0	0.545	14	8.01	0
200	2001	105	1015	9	0	2	0	0.544	15	8.14	0
200	2001	105	1030	9	0	2	0	0.545	14	8.32	0
200	2001	105	1045	9	0	2	0	0.545	15	8.52	0
200	2001	105	1100	9	0	2	0	0.544	18	8.72	0
200	2001	105	1115	9	0	2	0	0.546	17	8.91	0
200	2001	105	1130	9	0	2	0	0.544	15	9.04	0
200	2001	105	1145	9	0	2	0	0.546	16	9.19	0
200	2001	105	1200	9	0	2	0	0.544	16	9.37	0
200	2001	105	1215	9	0	2	0	0.543	15	9.53	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	105	1230	9	0	2	0	0.544	16	9.62	0
200	2001	105	1245	9	0	2	0	0.543	14	9.76	0
200	2001	105	1300	9	0	2	0	0.543	15	9.91	0
200	2001	105	1315	9	0	2	0	0.542	15	10.02	0
200	2001	105	1330	9	0	2	0	0.542	15	10.13	0
200	2001	105	1345	9	0	2	0	0.542	16	10.23	0
200	2001	105	1400	9	0	2	0	0.541	15	10.33	0
200	2001	105	1415	9	0	2	0	0.541	16	10.43	0
200	2001	105	1430	9	0	2	0	0.541	17	10.43	0
200	2001	105	1445	9	0	2	0	0.542	16	10.48	0
200	2001	105	1500	9	0	2	0	0.541	18	10.54	0
200	2001	105	1515	9	0	2	0	0.541	16	10.59	0
200	2001	105	1530	9	0	2	0	0.54	17	10.59	0
200	2001	105	1545	9	0	2	0	0.538	16	10.58	0
200	2001	105	1600	9	0	2	0	0.538	16	10.58	0
200	2001	105	1615	9	0	2	0	0.538	16	10.58	0
200	2001	105	1630	9	0	2	0	0.537	16	10.59	0
200	2001	105	1645	9	0	2	0	0.536	16	10.58	0
200	2001	105	1700	9	0	2	0	0.535	15	10.54	0
200	2001	105	1715	9	0	2	0	0.535	15	10.51	0
200	2001	105	1730	9	0	2	0	0.535	15	10.48	0
200	2001	105	1745	9	0	2	0	0.534	16	10.43	0
200	2001	105	1800	9	0	2	0	0.533	15	10.38	0
200	2001	105	1815	9	0	2	0	0.532	15	10.34	0
200	2001	105	1830	9	0	2	0	0.533	16	10.27	0
200	2001	105	1845	9	0	2	0	0.531	16	10.21	0
200	2001	105	1900	9	0	2	0	0.53	18	10.14	0
200	2001	105	1915	9	0	2	0	0.529	18	10.06	0
200	2001	105	1930	9	0	2	0	0.528	16	9.98	0
200	2001	105	1945	9	0	2	0	0.528	17	9.93	0
200	2001	105	2000	9	15	1	1	0.527	21	9.84	0
200	2001	105	2015	9	0	1	0	0.526	17	9.77	0
200	2001	105	2030	9	0	1	0	0.524	17	9.71	0
200	2001	105	2045	9	0	1	0	0.523	17	9.65	0
200	2001	105	2100	9	0	2	0	0.523	14	9.63	0
200	2001	105	2115	9	0	2	0	0.523	16	9.56	0
200	2001	105	2130	9	0	2	0	0.521	16	9.51	0
200	2001	105	2145	9	0	2	0	0.521	14	9.47	0
200	2001	105	2200	9	0	2	0	0.52	16	9.44	0
200	2001	105	2215	9	0	2	0	0.519	16	9.4	0
200	2001	105	2230	9	0	2	0	0.517	15	9.37	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	105	2245	9	0	2	0	0.517	16	9.32	0
200	2001	105	2300	9	0	2	0	0.516	16	9.29	0
200	2001	105	2315	9	0	2	0	0.516	16	9.25	0
200	2001	105	2330	9	0	2	0	0.516	17	9.22	0
200	2001	105	2345	9	0	2	0	0.514	17	9.19	0
200	2001	105	2400	9	0	2	0	0.513	16	9.14	0
200	2001	106	15	9	0	2	0	0.512	16	9.1	0
200	2001	106	30	9	0	2	0	0.511	16	9.07	0
200	2001	106	45	9	0	2	0	0.511	18	9.04	0
200	2001	106	100	9	0	2	0	0.511	16	8.98	0
200	2001	106	115	9	0	2	0	0.511	16	8.97	0
200	2001	106	130	9	0	1	0	0.511	19	8.9	0
200	2001	106	145	9	0	1	0	0.51	18	8.88	0
200	2001	106	200	9	0	1	0	0.51	18	8.84	0
200	2001	106	215	9	0	1	0	0.509	18	8.81	0
200	2001	106	230	9	0	1	0	0.508	17	8.78	0
200	2001	106	245	9	0	1	0	0.508	16	8.78	0
200	2001	106	300	9	0	1	0	0.508	15	8.76	0
200	2001	106	315	9	0	1	0	0.506	19	8.72	0
200	2001	106	330	9	0	1	0	0.505	18	8.71	0
200	2001	106	345	9	0	1	0	0.506	18	8.68	0
200	2001	106	400	9	0	1	0	0.505	16	8.68	0
200	2001	106	415	9	0	1	0	0.505	17	8.66	0
200	2001	106	430	9	0	1	0	0.504	17	8.66	0
200	2001	106	445	9	0	1	0	0.504	17	8.66	0
200	2001	106	500	9	0	1	0	0.504	17	8.65	0
200	2001	106	515	9	0	1	0	0.503	17	8.65	0
200	2001	106	530	9	0	1	0	0.504	16	8.65	0
200	2001	106	545	9	0	2	0	0.502	14	8.64	0
200	2001	106	600	9	0	2	0	0.503	16	8.65	0
200	2001	106	615	9	0	2	0	0.501	16	8.64	0
200	2001	106	630	9	0	2	0	0.503	14	8.64	0
200	2001	106	645	9	0	2	0	0.5	15	8.64	0
200	2001	106	700	9	0	2	0	0.502	15	8.67	0
200	2001	106	715	9	0	2	0	0.501	15	8.68	0
200	2001	106	730	9	0	2	0	0.501	16	8.68	0
200	2001	106	745	9	0	2	0	0.5	14	8.71	0
200	2001	106	800	9	0	2	0	0.5	16	8.74	0
200	2001	106	815	9	0	2	0	0.5	16	8.79	0
200	2001	106	830	9	0	2	0	0.5	15	8.85	0
200	2001	106	845	9	0	2	0	0.499	15	8.9	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	106	900	9	0	2	0	0.5	14	8.98	0
200	2001	106	915	9	0	2	0	0.5	14	9.08	0
200	2001	106	930	9	0	2	0	0.498	16	9.2	0
200	2001	106	945	9	0	2	0	0.498	16	9.3	0
200	2001	106	1000	9	0	2	0	0.497	16	9.38	0
200	2001	106	1015	9	0	2	0	0.499	16	9.48	0
200	2001	106	1030	9	0	2	0	0.497	16	9.62	0
200	2001	106	1045	9	0	2	0	0.499	16	9.73	0
200	2001	106	1100	9	0	2	0	0.496	17	9.85	0
200	2001	106	1115	9	16	1	1	0.499	20	9.98	0
200	2001	106	1130	9	0	1	0	0.499	16	10.07	0
200	2001	106	1145	9	0	1	0	0.498	18	10.22	0
200	2001	106	1200	9	0	1	0	0.498	18	10.31	0
200	2001	106	1215	9	0	1	0	0.498	17	10.39	0
200	2001	106	1230	9	0	1	0	0.496	18	10.5	0
200	2001	106	1245	9	0	1	0	0.498	18	10.65	0
200	2001	106	1300	9	0	1	0	0.498	17	10.72	0
200	2001	106	1315	9	0	1	0	0.496	17	10.91	0
200	2001	106	1330	9	0	2	0	0.495	15	11.09	0
200	2001	106	1345	9	0	2	0	0.496	16	11.13	0
200	2001	106	1400	9	0	2	0	0.494	16	11.24	0
200	2001	106	1415	9	0	2	0	0.498	16	11.25	0
200	2001	106	1430	9	0	2	0	0.498	16	11.29	0
200	2001	106	1445	9	0	2	0	0.495	16	11.29	0
200	2001	106	1500	9	0	2	0	0.497	18	11.29	0.01
200	2001	106	1515	9	0	2	0	0.496	16	11.29	0
200	2001	106	1530	9	0	2	0	0.496	16	11.31	0.03
200	2001	106	1545	9	0	2	0	0.498	16	11.29	0
200	2001	106	1600	9	0	2	0	0.497	18	11.27	0.01
200	2001	106	1615	9	0	2	0	0.5	19	11.24	0.02
200	2001	106	1630	9	0	2	0	0.498	16	11.19	0.01
200	2001	106	1645	9	0	2	0	0.502	16	11.15	0.03
200	2001	106	1700	9	0	2	0	0.502	16	11.1	0.01
200	2001	106	1715	9	0	2	0	0.504	17	11.06	0.02
200	2001	106	1730	9	0	2	0	0.505	17	11.03	0.03
200	2001	106	1745	9	0	2	0	0.508	17	11	0.02
200	2001	106	1800	9	0	2	0	0.514	17	10.98	0.01
200	2001	106	1815	9	0	2	0	0.511	17	10.97	0.01
200	2001	106	1830	9	0	2	0	0.513	17	10.93	0.01
200	2001	106	1845	9	0	2	0	0.512	17	10.9	0.01
200	2001	106	1900	9	0	2	0	0.513	17	10.87	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	106	1915	9	17	1	1	0.514	23	10.83	0.01
200	2001	106	1930	9	0	1	0	0.518	20	10.77	0.04
200	2001	106	1945	9	0	2	0	0.516	18	10.73	0.01
200	2001	106	2000	9	0	2	0	0.518	22	10.66	0
200	2001	106	2015	9	0	2	0	0.518	17	10.63	0
200	2001	106	2030	9	0	2	0	0.516	15	10.59	0
200	2001	106	2045	9	0	2	0	0.517	13	10.55	0.01
200	2001	106	2100	9	0	2	0	0.516	14	10.51	0
200	2001	106	2115	9	0	2	0	0.515	13	10.47	0
200	2001	106	2130	9	0	2	0	0.514	13	10.43	0
200	2001	106	2145	9	0	2	0	0.515	14	10.41	0
200	2001	106	2200	9	0	2	0	0.515	15	10.38	0
200	2001	106	2215	9	0	2	0	0.513	15	10.34	0
200	2001	106	2230	9	0	2	0	0.515	14	10.31	0
200	2001	106	2245	9	0	2	0	0.515	14	10.26	0
200	2001	106	2300	9	0	2	0	0.516	13	10.22	0
200	2001	106	2315	9	0	2	0	0.516	13	10.19	0
200	2001	106	2330	9	0	2	0	0.515	14	10.18	0
200	2001	106	2345	9	0	2	0	0.514	14	10.14	0
200	2001	106	2400	9	0	2	0	0.514	17	10.11	0
200	2001	107	15	9	0	2	0	0.513	13	10.07	0
200	2001	107	30	9	0	2	0	0.515	14	10.03	0
200	2001	107	45	9	0	2	0	0.515	12	9.99	0
200	2001	107	100	9	0	2	0	0.515	14	9.97	0
200	2001	107	115	9	0	2	0	0.516	13	9.93	0
200	2001	107	130	9	0	2	0	0.517	14	9.89	0
200	2001	107	145	9	0	2	0	0.517	13	9.86	0
200	2001	107	200	9	0	2	0	0.519	13	9.81	0
200	2001	107	215	9	0	2	0	0.52	14	9.77	0
200	2001	107	230	9	0	2	0	0.521	13	9.73	0
200	2001	107	245	9	0	2	0	0.522	13	9.68	0
200	2001	107	300	9	0	2	0	0.521	13	9.65	0
200	2001	107	315	9	0	2	0	0.521	14	9.6	0
200	2001	107	330	9	0	2	0	0.522	14	9.56	0
200	2001	107	345	9	0	2	0	0.521	13	9.5	0
200	2001	107	400	9	0	2	0	0.522	12	9.44	0
200	2001	107	415	9	0	2	0	0.521	13	9.4	0
200	2001	107	430	9	0	2	0	0.521	14	9.36	0
200	2001	107	445	9	0	2	0	0.521	13	9.3	0
200	2001	107	500	9	0	2	0	0.522	14	9.25	0
200	2001	107	515	9	0	2	0	0.522	12	9.2	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	107	530	9	0	2	0	0.52	13	9.15	0
200	2001	107	545	9	0	2	0	0.52	13	9.09	0
200	2001	107	600	9	0	2	0	0.519	13	9.08	0
200	2001	107	615	9	0	2	0	0.521	13	9.02	0
200	2001	107	630	9	0	2	0	0.519	12	9.01	0
200	2001	107	645	9	0	2	0	0.519	13	8.96	0
200	2001	107	700	9	0	2	0	0.519	13	8.93	0
200	2001	107	715	9	0	2	0	0.519	13	8.91	0
200	2001	107	730	9	0	2	0	0.517	14	8.93	0
200	2001	107	745	9	0	2	0	0.518	12	8.91	0
200	2001	107	800	9	0	2	0	0.517	12	8.95	0
200	2001	107	815	9	0	2	0	0.517	13	9	0
200	2001	107	830	9	0	1	0	0.517	17	9.05	0
200	2001	107	845	9	0	1	0	0.517	11	9.14	0
200	2001	107	900	9	0	1	0	0.516	12	9.27	0
200	2001	107	915	9	0	1	0	0.516	15	9.42	0
200	2001	107	930	9	0	1	0	0.517	13	9.58	0
200	2001	107	945	9	0	1	0	0.515	37	9.66	0
200	2001	107	1000	9	18	1	1	0.513	33	9.77	0
200	2001	107	1015	9	0	1	0	0.513	43	9.93	0
200	2001	107	1030	9	0	1	0	0.514	34	10.14	0
200	2001	107	1045	9	0	1	0	0.513	43	10.34	0
200	2001	107	1100	9	0	1	0	0.513	43	10.48	0
200	2001	107	1115	9	0	1	0	0.512	42	10.65	0
200	2001	107	1130	9	0	1	0	0.512	43	10.83	0
200	2001	107	1145	9	0	1	0	0.512	42	10.99	0
200	2001	107	1200	9	0	2	0	0.511	37	11.12	0
200	2001	107	1215	9	0	2	0	0.512	46	11.21	0
200	2001	107	1230	9	0	2	0	0.51	42	11.27	0
200	2001	107	1245	9	0	2	0	0.509	36	11.34	0
200	2001	107	1300	9	0	2	0	0.511	35	11.5	0
200	2001	107	1315	9	0	2	0	0.51	33	11.63	0
200	2001	107	1330	9	0	2	0	0.509	43	11.76	0
200	2001	107	1345	9	0	2	0	0.508	38	11.78	0
200	2001	107	1400	9	0	1	0	0.508	46	11.82	0
200	2001	107	1415	9	0	1	0	0.506	37	11.84	0
200	2001	107	1430	9	0	2	0	0.505	36	11.85	0
200	2001	107	1445	9	0	2	0	0.506	46	11.88	0
200	2001	107	1500	9	0	2	0	0.505	43	11.91	0
200	2001	107	1515	9	0	2	0	0.505	41	11.91	0
200	2001	107	1530	9	0	1	0	0.505	46	11.89	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	107	1545	9	0	1	0	0.505	41	11.91	0
200	2001	107	1600	9	0	1	0	0.504	47	11.94	0
200	2001	107	1615	9	0	1	0	0.502	44	11.91	0
200	2001	107	1630	9	0	1	0	0.503	44	11.84	0
200	2001	107	1645	9	0	1	0	0.502	49	11.79	0
200	2001	107	1700	9	0	1	0	0.501	38	11.74	0
200	2001	107	1715	9	0	1	0	0.499	46	11.69	0
200	2001	107	1730	9	0	2	0	0.499	35	11.63	0
200	2001	107	1745	9	0	2	0	0.497	34	11.57	0
200	2001	107	1800	9	0	2	0	0.496	46	11.54	0
200	2001	107	1815	9	0	2	0	0.497	43	11.48	0
200	2001	107	1830	9	0	2	0	0.495	39	11.41	0
200	2001	107	1845	9	0	1	0	0.496	45	11.34	0
200	2001	107	1900	9	0	1	0	0.494	44	11.28	0
200	2001	107	1915	9	0	1	0	0.492	44	11.21	0
200	2001	107	1930	9	0	1	0	0.493	46	11.14	0
200	2001	107	1945	9	0	1	0	0.492	44	11.07	0
200	2001	107	2000	9	0	1	0	0.491	44	11	0
200	2001	107	2015	9	0	1	0	0.491	43	10.93	0
200	2001	107	2030	9	0	1	0	0.49	47	10.85	0
200	2001	107	2045	9	0	1	0	0.49	49	10.77	0
200	2001	107	2100	9	0	1	0	0.487	46	10.69	0
200	2001	107	2115	9	0	2	0	0.487	40	10.63	0
200	2001	107	2130	9	0	2	0	0.486	42	10.55	0
200	2001	107	2145	9	0	2	0	0.485	45	10.48	0
200	2001	107	2200	9	0	2	0	0.485	40	10.39	0
200	2001	107	2215	9	0	2	0	0.485	40	10.32	0
200	2001	107	2230	9	0	2	0	0.485	45	10.25	0
200	2001	107	2245	9	0	1	0	0.484	50	10.17	0
200	2001	107	2300	9	0	1	0	0.483	45	10.12	0
200	2001	107	2315	9	0	1	0	0.482	47	10.07	0
200	2001	107	2330	9	0	2	0	0.481	44	10.01	0
200	2001	107	2345	9	0	2	0	0.482	46	9.96	0
200	2001	107	2400	9	0	2	0	0.478	40	9.91	0
200	2001	108	15	9	0	2	0	0.479	42	9.87	0
200	2001	108	30	9	0	2	0	0.479	43	9.82	0
200	2001	108	45	9	0	2	0	0.479	46	9.78	0
200	2001	108	100	9	0	2	0	0.479	46	9.76	0
200	2001	108	115	9	0	2	0	0.478	45	9.72	0
200	2001	108	130	9	0	2	0	0.477	44	9.67	0
200	2001	108	145	9	0	2	0	0.477	45	9.64	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W_TEMP	RAIN
200	2001	108	200	9	0	2	0	0.476	45	9.61	0
200	2001	108	215	9	0	2	0	0.475	45	9.58	0
200	2001	108	230	9	0	2	0	0.473	44	9.54	0
200	2001	108	245	9	0	2	0	0.474	45	9.53	0
200	2001	108	300	9	0	2	0	0.474	43	9.5	0
200	2001	108	315	9	0	2	0	0.473	45	9.48	0
200	2001	108	330	9	0	2	0	0.474	45	9.46	0
200	2001	108	345	9	0	2	0	0.475	43	9.42	0
200	2001	108	400	9	0	2	0	0.473	45	9.4	0
200	2001	108	415	9	0	2	0	0.473	46	9.36	0
200	2001	108	430	9	0	2	0	0.473	45	9.36	0
200	2001	108	445	9	0	1	0	0.472	48	9.33	0
200	2001	108	500	9	0	1	0	0.472	47	9.31	0
200	2001	108	515	9	0	1	0	0.471	47	9.28	0
200	2001	108	530	9	0	1	0	0.472	46	9.26	0
200	2001	108	545	9	0	1	0	0.471	46	9.24	0
200	2001	108	600	9	0	1	0	0.472	47	9.22	0
200	2001	108	615	9	0	1	0	0.472	48	9.2	0
200	2001	108	630	9	0	1	0	0.471	48	9.19	0
200	2001	108	645	9	0	1	0	0.47	48	9.17	0
200	2001	108	700	9	0	1	0	0.472	47	9.18	0
200	2001	108	715	9	0	1	0	0.471	48	9.17	0
200	2001	108	730	9	0	1	0	0.47	48	9.19	0
200	2001	108	745	9	0	1	0	0.47	48	9.2	0
200	2001	108	800	9	0	1	0	0.469	48	9.23	0
200	2001	108	815	9	0	1	0	0.47	49	9.27	0
200	2001	108	830	9	0	1	0	0.47	48	9.31	0
200	2001	108	845	9	0	1	0	0.47	48	9.34	0
200	2001	108	900	9	0	1	0	0.469	49	9.37	0
200	2001	108	915	9	0	1	0	0.469	51	9.39	0
200	2001	108	930	9	0	1	0	0.47	49	9.41	0
200	2001	108	945	9	0	1	0	0.469	50	9.42	0
200	2001	108	1000	9	0	1	0	0.469	50	9.45	0
200	2001	108	1015	9	0	1	0	0.469	50	9.47	0
200	2001	108	1030	9	0	1	0	0.469	49	9.5	0
200	2001	108	1045	9	0	1	0	0.469	49	9.54	0
200	2001	108	1100	9	0	1	0	0.468	50	9.54	0
200	2001	108	1115	9	0	1	0	0.468	50	9.58	0
200	2001	108	1130	9	0	1	0	0.469	49	9.62	0.01
200	2001	108	1145	9	0	1	0	0.47	50	9.64	0
200	2001	108	1200	9	0	1	0	0.468	51	9.65	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	108	1215	9	0	1	0	0.468	50	9.69	0
200	2001	108	1230	9	0	1	0	0.467	50	9.73	0
200	2001	108	1245	9	0	1	0	0.469	50	9.77	0
200	2001	108	1300	9	19	2	1	0.47	9	9.81	0
200	2001	108	1315	9	0	2	0	0.468	8	9.86	0
200	2001	108	1330	9	0	2	0	0.47	9	9.89	0.01
200	2001	108	1345	9	0	2	0	0.471	9	9.93	0
200	2001	108	1400	9	0	2	0	0.471	9	9.98	0
200	2001	108	1415	9	0	2	0	0.47	9	10.04	0.01
200	2001	108	1430	9	0	2	0	0.469	9	10.1	0
200	2001	108	1445	9	0	2	0	0.469	11	10.19	0
200	2001	108	1500	9	0	2	0	0.469	10	10.23	0
200	2001	108	1515	9	0	2	0	0.47	9	10.22	0
200	2001	108	1530	9	0	2	0	0.471	10	10.24	0
200	2001	108	1545	9	0	2	0	0.47	10	10.26	0
200	2001	108	1600	9	0	2	0	0.471	9	10.29	0
200	2001	108	1615	9	0	2	0	0.469	9	10.28	0
200	2001	108	1630	9	0	2	0	0.469	10	10.29	0
200	2001	108	1645	9	0	2	0	0.47	10	10.27	0
200	2001	108	1700	9	0	2	0	0.468	9	10.28	0
200	2001	108	1715	9	0	2	0	0.468	9	10.26	0
200	2001	108	1730	9	0	2	0	0.468	9	10.25	0
200	2001	108	1745	9	0	2	0	0.47	9	10.22	0
200	2001	108	1800	9	0	2	0	0.468	9	10.21	0
200	2001	108	1815	9	0	2	0	0.468	10	10.18	0
200	2001	108	1830	9	0	2	0	0.469	9	10.15	0
200	2001	108	1845	9	0	2	0	0.468	9	10.12	0
200	2001	108	1900	9	0	2	0	0.467	9	10.09	0
200	2001	108	1915	9	0	2	0	0.467	10	10.06	0
200	2001	108	1930	9	0	2	0	0.468	9	10.04	0
200	2001	108	1945	9	0	2	0	0.468	10	10.01	0
200	2001	108	2000	9	0	2	0	0.467	9	9.98	0
200	2001	108	2015	9	0	2	0	0.467	10	9.94	0
200	2001	108	2030	9	0	2	0	0.469	10	9.92	0
200	2001	108	2045	9	0	2	0	0.471	9	9.9	0
200	2001	108	2100	9	0	2	0	0.47	10	9.87	0
200	2001	108	2115	9	0	2	0	0.469	10	9.84	0
200	2001	108	2130	9	0	2	0	0.468	9	9.84	0
200	2001	108	2145	9	0	2	0	0.471	9	9.82	0
200	2001	108	2200	9	0	2	0	0.469	9	9.79	0
200	2001	108	2215	9	0	2	0	0.471	9	9.77	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	108	2230	9	0	2	0	0.47	8	9.73	0.01
200	2001	108	2245	9	0	2	0	0.47	9	9.73	0
200	2001	108	2300	9	0	2	0	0.469	10	9.71	0
200	2001	108	2315	9	0	2	0	0.47	9	9.68	0
200	2001	108	2330	9	0	2	0	0.468	8	9.65	0
200	2001	108	2345	9	0	2	0	0.469	10	9.63	0
200	2001	108	2400	9	0	2	0	0.471	9	9.61	0
200	2001	109	15	9	0	2	0	0.47	10	9.58	0
200	2001	109	30	9	0	2	0	0.47	9	9.56	0
200	2001	109	45	9	0	2	0	0.469	10	9.54	0
200	2001	109	100	9	0	2	0	0.47	10	9.49	0
200	2001	109	115	9	0	2	0	0.468	9	9.47	0
200	2001	109	130	9	0	2	0	0.469	9	9.45	0
200	2001	109	145	9	0	2	0	0.468	10	9.41	0
200	2001	109	200	9	0	2	0	0.468	9	9.36	0
200	2001	109	215	9	0	2	0	0.469	10	9.33	0
200	2001	109	230	9	0	2	0	0.467	8	9.29	0
200	2001	109	245	9	0	2	0	0.468	8	9.25	0
200	2001	109	300	9	0	2	0	0.468	9	9.21	0
200	2001	109	315	9	0	2	0	0.469	8	9.18	0
200	2001	109	330	9	0	2	0	0.468	8	9.14	0
200	2001	109	345	9	0	2	0	0.468	9	9.09	0
200	2001	109	400	9	0	2	0	0.467	9	9.04	0
200	2001	109	415	9	0	2	0	0.468	9	9.01	0
200	2001	109	430	9	0	2	0	0.469	9	8.95	0
200	2001	109	445	9	0	2	0	0.468	8	8.91	0
200	2001	109	500	9	0	2	0	0.467	8	8.85	0
200	2001	109	515	9	0	2	0	0.466	8	8.82	0
200	2001	109	530	9	0	2	0	0.466	9	8.78	0
200	2001	109	545	9	0	2	0	0.466	8	8.75	0
200	2001	109	600	9	0	2	0	0.466	8	8.7	0
200	2001	109	615	9	0	2	0	0.467	8	8.69	0
200	2001	109	630	9	0	2	0	0.466	8	8.66	0
200	2001	109	645	9	0	2	0	0.466	8	8.65	0
200	2001	109	700	9	0	2	0	0.466	8	8.64	0
200	2001	109	715	9	0	2	0	0.467	8	8.63	0
200	2001	109	730	9	0	2	0	0.466	9	8.65	0
200	2001	109	745	9	0	2	0	0.466	9	8.68	0
200	2001	109	800	9	0	2	0	0.466	9	8.71	0
200	2001	109	815	9	0	2	0	0.466	9	8.74	0
200	2001	109	830	9	0	2	0	0.466	9	8.82	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	109	845	9	0	2	0	0.466	8	8.87	0
200	2001	109	900	9	0	2	0	0.466	8	8.94	0
200	2001	109	915	9	0	2	0	0.465	8	8.99	0
200	2001	109	930	9	0	2	0	0.465	9	9.07	0
200	2001	109	945	9	0	2	0	0.465	9	9.18	0
200	2001	109	1000	9	0	2	0	0.465	8	9.28	0
200	2001	109	1015	9	0	2	0	0.465	9	9.38	0
200	2001	109	1030	9	0	2	0	0.465	9	9.51	0
200	2001	109	1045	9	0	2	0	0.463	9	9.63	0
200	2001	109	1100	9	0	2	0	0.464	10	9.71	0
200	2001	109	1115	9	0	2	0	0.465	10	9.74	0.01
200	2001	109	1130	9	0	2	0	0.464	9	9.9	0
200	2001	109	1145	9	0	2	0	0.465	10	9.99	0
200	2001	109	1200	9	0	2	0	0.466	9	10.22	0
200	2001	109	1215	9	0	2	0	0.467	8	10.23	0
200	2001	109	1230	9	0	2	0	0.465	9	10.27	0
200	2001	109	1245	9	0	2	0	0.464	9	10.28	0
200	2001	109	1300	9	0	2	0	0.463	8	10.25	0
200	2001	109	1315	9	0	2	0	0.465	9	10.26	0
200	2001	109	1330	9	0	2	0	0.466	8	10.29	0
200	2001	109	1345	9	0	2	0	0.468	10	10.34	0
200	2001	109	1400	9	0	2	0	0.472	9	10.46	0
200	2001	109	1415	9	0	2	0	0.471	10	10.48	0
200	2001	109	1430	9	0	2	0	0.474	10	10.46	0
200	2001	109	1445	9	0	2	0	0.478	9	10.53	0
200	2001	109	1500	9	0	2	0	0.484	9	10.53	0
200	2001	109	1515	9	0	2	0	0.492	9	10.55	0
200	2001	109	1530	9	0	2	0	0.499	9	10.61	0
200	2001	109	1545	9	0	2	0	0.502	8	10.56	0
200	2001	109	1600	9	0	2	0	0.505	9	10.6	0
200	2001	109	1615	9	0	2	0	0.506	9	10.6	0
200	2001	109	1630	9	0	2	0	0.51	9	10.55	0
200	2001	109	1645	9	0	2	0	0.506	8	10.5	0
200	2001	109	1700	9	0	2	0	0.508	9	10.47	0
200	2001	109	1715	9	0	2	0	0.505	9	10.43	0
200	2001	109	1730	9	0	2	0	0.504	7	10.39	0
200	2001	109	1745	9	0	2	0	0.505	8	10.35	0
200	2001	109	1800	9	0	2	0	0.508	8	10.31	0
200	2001	109	1815	9	0	2	0	0.507	8	10.27	0
200	2001	109	1830	9	0	2	0	0.509	7	10.24	0
200	2001	109	1845	9	0	2	0	0.508	8	10.2	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCORE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	109	1900	9	0	2	0	0.509	8	10.15	0
200	2001	109	1915	9	0	2	0	0.509	8	10.09	0
200	2001	109	1930	9	0	2	0	0.51	8	10.03	0
200	2001	109	1945	9	0	2	0	0.51	9	9.98	0
200	2001	109	2000	9	0	2	0	0.512	8	9.93	0
200	2001	109	2015	9	0	2	0	0.513	9	9.85	0
200	2001	109	2030	9	0	2	0	0.513	8	9.81	0
200	2001	109	2045	9	0	2	0	0.515	8	9.74	0
200	2001	109	2100	9	0	2	0	0.519	9	9.7	0
200	2001	109	2115	9	0	2	0	0.523	9	9.63	0
200	2001	109	2130	9	0	2	0	0.525	10	9.58	0
200	2001	109	2145	9	0	2	0	0.529	11	9.52	0
200	2001	109	2200	9	0	1	0	0.531	13	9.47	0
200	2001	109	2215	9	0	1	0	0.533	12	9.42	0
200	2001	109	2230	9	0	1	0	0.535	12	9.38	0
200	2001	109	2245	9	0	1	0	0.536	11	9.33	0
200	2001	109	2300	9	0	1	0	0.536	11	9.29	0
200	2001	109	2315	9	0	1	0	0.539	12	9.25	0
200	2001	109	2330	9	0	1	0	0.542	10	9.2	0
200	2001	109	2345	9	0	1	0	0.544	10	9.16	0
200	2001	109	2400	9	0	1	0	0.547	10	9.13	0
200	2001	110	15	9	0	1	0	0.549	11	9.09	0
200	2001	110	30	9	0	1	0	0.549	10	9.06	0
200	2001	110	45	9	0	1	0	0.549	9	9.02	0.01
200	2001	110	100	9	0	1	0	0.552	10	9	0.01
200	2001	110	115	9	0	1	0	0.551	10	8.97	0.01
200	2001	110	130	9	0	1	0	0.555	11	8.94	0.01
200	2001	110	145	9	0	1	0	0.557	11	8.91	0.01
200	2001	110	200	9	0	1	0	0.557	11	8.9	0.02
200	2001	110	215	9	0	1	0	0.558	11	8.86	0.01
200	2001	110	230	9	0	1	0	0.559	11	8.85	0
200	2001	110	245	9	0	1	0	0.561	11	8.82	0
200	2001	110	300	9	0	1	0	0.562	10	8.8	0
200	2001	110	315	9	0	1	0	0.562	12	8.78	0
200	2001	110	330	9	0	1	0	0.562	10	8.74	0
200	2001	110	345	9	0	1	0	0.564	11	8.73	0
200	2001	110	400	9	0	1	0	0.563	11	8.72	0
200	2001	110	415	9	0	1	0	0.562	11	8.69	0
200	2001	110	430	9	0	1	0	0.562	11	8.66	0
200	2001	110	445	9	0	1	0	0.563	11	8.64	0
200	2001	110	500	9	0	1	0	0.562	10	8.62	0

S_ID	YEAR	J-DAY	TIME	DUMP	BOTT	SCODE	TCODE	STAGE	TURB	W TEMP	RAIN
200	2001	110	515	9	0	1	0	0.562	11	8.59	0
200	2001	110	530	9	0	1	0	0.562	12	8.59	0
200	2001	110	545	9	0	1	0	0.563	11	8.55	0
200	2001	110	600	9	0	1	0	0.563	11	8.54	0
200	2001	110	615	9	0	1	0	0.563	12	8.54	0
200	2001	110	630	9	0	1	0	0.563	10	8.52	0
200	2001	110	645	9	0	1	0	0.562	11	8.5	0
200	2001	110	700	9	0	1	0	0.563	12	8.5	0
200	2001	110	715	9	0	1	0	0.562	12	8.49	0.01
200	2001	110	730	9	0	1	0	0.563	11	8.47	0
200	2001	110	745	9	0	1	0	0.563	11	8.47	0
200	2001	110	800	9	0	1	0	0.563	12	8.48	0
200	2001	110	815	9	0	1	0	0.565	11	8.48	0
200	2001	110	830	9	0	1	0	0.567	13	8.45	0.01
200	2001	110	845	9	0	1	0	0.572	11	8.45	0.06
200	2001	110	900	9	0	1	0	0.578	13	8.42	0.07
200	2001	110	915	9	0	1	0	0.586	14	8.42	0.05
200	2001	110	930	9	0	1	0	0.596	17	8.38	0.04
200	2001	110	945	9	0	1	0	0.603	18	8.37	0.02
200	2001	110	1000	9	0	1	0	0.604	25	8.4	0
200	2001	110	1015	9	20	1	1	0.605	29	8.4	0
200	2001	110	1030	9	0	1	0	0.603	27	8.41	0.01
200	2001	110	1045	9	0	1	0	0.606	31	8.4	0.02
200	2001	110	1100	9	0	1	0	0.607	32	8.42	0
200	2001	110	1115	9	0	1	0	0.608	27	8.49	0
200	2001	110	1130	9	21	2	1	0.612	26	8.57	0
200	2001	110	1145	9	0	2	0	0.615	24	8.62	0
200	2001	110	1200	9	0	2	0	0.619	22	8.72	0
200	2001	110	1215	9	0	2	0	0.626	22	8.79	0
200	2001	110	1230	9	0	2	0	0.628	20	8.93	0
200	2001	110	1245	9	0	2	0	0.638	20	9.06	0
200	2001	110	1300	9	0	2	0	0.646	19	9.15	0
200	2001	110	1315	9	0	2	0	0.655	19	9.19	0
200	2001	110	1330	9	0	2	0	0.664	19	9.21	0
200	2001	110	1345	9	0	2	0	0.671	18	9.22	0
200	2001	110	1400	9	0	2	0	0.681	17	9.23	0