

FLORIDA ROCK INDUSTRIES INC

CEMENT GROUP / 4000 N.W. CR 235 / P.O. Box 459 / Newberry, FL 32669 / (352) 472-4722



June 13, 2005

Ms. Trina Vielhauer,
Bureau Chief
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road, MS #5505
Tallahassee, FL 32399-2400

RE: Application dated May 5, 2005, to allow use of petroleum coke and flyash as fuels;
Facility 0010087, Permit Nos. 0010087-009-AV and 0010087-012-AC
Florida Rock Industries, Inc.—Thompson S. Baker Cement Plant

Dear Ms. Vielhauer:

Thank you for meeting with us today to discuss our application to allow use of petroleum coke and flyash as fuels. We also appreciate the site visit made several weeks ago by Al Linero, Cindy Mulkey, and Scott Sheplak to learn about our operations and permit application.

This letter and the attached data are to support the application identified above. During their visit, Al and Cindy explained their concerns that use of petroleum coke and flyash as fuels could cause certain pollutants to increase beyond the "significant emission rate" criteria of Rule 62.212-400, F.A.C., Prevention of Significant Deterioration. Because the kiln system's emission rates are moderate, the difference between past actual emission rates and present allowable rates (assumed to be future potential rates) exceeds the criteria of the PSD rule.

Because a trial use of the proposed fuels was authorized by FDEP for February, March, and April, 2005, we were able to observe their effects upon emissions, operations, and product quality. A report of emissions was prepared by Koogler and Associates and submitted in May, 2005. Also, a Report of Results of the trial was prepared by Florida Rock Industries, Inc., and submitted in June, 2005. This letter and the attached data are made to answer the specific questions of PSD applicability regarding particulate matter, sulfur dioxide, nitrogen oxides, carbon monoxide, and volatile organic compounds.

Attachment 1, Comparison of Past Actual to Future Potential Emissions, shows the actual emissions from 2003 and 2004 against the potential future emissions based upon emission rates seen during the fuel trial. Stack-gas tests done during the trial by Koogler and Associates indicated that particulate-matter emissions averaged 0.022 lb/ton of feed (3.66 lb/hr) and carbon monoxide emissions averaged 1.47 lb/ton (249 lb/hr). SO₂, NO_x, and THC were measured by in-stack, continuous-emission monitors. For the period that petroleum coke and/or flyash were

used, emission rates averaged 0.19 lb/hr for SO₂, 177.58 lb/hr for NO_x, and 7.89 lb/hr for THC. These rates were multiplied by the kiln operating hours or kiln feed for 2003 and 2004, then averaged. The average results, compared with the average emissions of the previous two years, indicated that annual SO₂, NO_x, and THC would decrease and that carbon monoxide might go up by 19 tons—much less than the 100 tons considered significant by the PSD rule. PM-10 emissions were not specifically tested. However, it is assumed that PM-10 rates would be no more likely to increase than total particulate matter. Also, PM emissions from the clinker cooler were not required to be measured as part of the fuel-use trial's permit. (Because (1) fuel is burned in the kiln and calciner only, (2) fuel ash is incorporated into the molten mix in the kiln, and (3) air is drafted into the kiln from the clinker cooler, it is unlikely that the cooler's emissions would be affected by the use of petroleum coke and/or flyash as fuels.)

Attachment 2 holds a data disk with the emission and petroleum-coke/flyash data for the trial period. Also, the data disk includes about 30-days worth of NO_x, SO₂, and THC emission rates prior to and following the period when the proposed fuels were used. Keys to the data files are included.

The type and composition of feed used before, during, and after the use of petroleum coke and flyash were not recorded as part of the trial data. Because the flyash added as fuel was so minor, the ash fraction of the feed was not significantly adjusted. The only change to feed chemistry was to increase the soda-feldspar fraction to maintain the sulfur-to-alkali ratio necessary to tie additional fuel sulfur into the clinker.

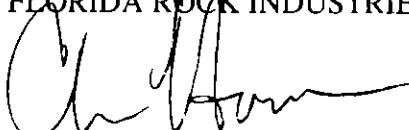
Attachment 3 provides a hardcopy of the file "Trial Emission Data" from which the CEMS emission rates used in Attachment 1 were averaged.

Attachment 4 includes several pages from the application including RO and PE certifications, because new information is provided with this letter.

There is no indication that the use of petroleum coke and flyash as fuels will cause significant increases in short-term or annual emissions of regulated pollutants. Any increase would be demand-related. We wish to emphasize that no production increase would occur as a result of the use of the proposed fuels, and there is no "de-bottlenecking" of the process. Any deviation in kiln-feed chemistry or clinker chemistry would be adjusted with minor additives already approved and in use.

If you have any questions, please call me at 352-472-4722, ext. 121.

Sincerely,
FLORIDA ROCK INDUSTRIES, INC.



Chris Horner
Plant Manager

ATTACHMENT 1

Comparison of Past Actual to Future Potential Emissions

Pollutant	Permitted Maximum Emissions			Actual Emissions			Petroleum Coke/Flyash Trial Emission Rates			Change from Past Actual to Future Potential			SER
	lb/ton of clinker	lb/ton of feed	tpy	2003 tpy ¹	2004 tpy ²	Average tpy	Test ³ average lb/ton feed	CEMS ⁴ average lb/hr	Annual equivalent tpy	2003 tpy	2004 tpy	Average tpy	
PM (kiln)	0.23	0.14	94	12.25	16.71	14.48	0.022		13.54	1.29	-3.17	-0.94	25
PM-10 (kiln)	0.2	0.12	80				not tested						15
PM (cooler)	0.14	0.08	56	3.04	13.41	8.22	not tested						25
PM-10 (cooler)	0.12	0.07	47				not tested						15
SO ₂	0.16	0.1	64	2.38	7.15	4.76		0.19	0.72	-1.66	-6.43	-4.04	40
NO _x	2.45	1.5	980	758.03	658.55	708.29		177.58	674.80	-83.23	16.25	-33.49	40
SAM	0.0025	0.0016	1	0.62	0.60	0.61	not tested						7
CO	2.5	1.55	1000	857.41	912.48	884.95	1.47		904.39	46.98	-8.09	19.45	100
VOC	0.11	0.075	43	30.26	34.92	32.59		7.89	29.98	-0.28	-4.94	-2.61	40

	2003	2004	Average
Operating hours:	7690	7510	7600
Tons clinker:	751817	713025	732421
Tons Feed:	1263053	1197882	1230467

¹ 2003 Annual Operating Report

² 2004 Annual Operating Report

³ Emission Test Report-April 2005, Koogler & Associates

⁴ Average of hourly emission rates determined by CEMS over fuel-trial period

ATTACHMENT 2

Kiln Stack Flow Data

Report Printed 06/09/2005

Key 1

- File name: ALL DATA (January 14 - May 21, 2005)
 Data: Kiln production (1-hr avg.), kiln/RM SO₂, NO_x, & THC emissions (1-hr avg. and per-ton clinker avg.), flyash & petroleum coke fueling rates (1-hr avg.), and proportions of each fuel used per hour between January 14 and May 21, 2005.
- yellow-shaded: Data to be excluded from consideration because kiln production was stopped (MNR) or CEMS self-calibration check showed inaccuracy (OC)
 teal-shaded: Data for period when heat input from petroleum coke was 1-15% of total heat input.
 purple-shaded: Data for period when heat input from petroleum coke was 15-31% of total heat input.
 blue-shaded: Data for period when flyash was used.

Date/Time	Clinker ProdRat 1 hour tons/hr avg	Preheater DryFeedRat 1 hour tons/hr avg	Kiln SO ₂ 1 hour #/hr avg	Kiln NO _x 1 hour #/hr avg	Kiln THC 1 hour lbs/hr avg	Kiln NO _x 1 hour #/Cli T avg	Kiln SO ₂ 1 hour #/Cli-T avg	Kiln THC 1 hour #/Cli-T avg	FlyAsh Feed Rate tons/hr avg	Petroleum Coke Feed Rate tons/hr avg	Proportion of Heat Input From Each Fuel			
											Coal %	FlyAsh %	Pet-Coke %	Tires %
1/14/2005 0:00:01	87.9	147.7	0.23	213.4	7.0	2.4	0.00	0.08						
1/14/2005 1:00:01	88.1	148.0	0.25	253.7	6.4	2.9	0.00	0.07						
1/14/2005 2:00:01	88.9	149.4	0.55	234.4	6.7	2.6	0.01	0.08						
1/14/2005 3:00:01	89.6	150.5	0.45	217.5	6.2	2.4	0.01	0.07						
1/14/2005 4:00:01	89.1	149.7	0.23	216.9	6.1	2.4	0.00	0.07						
1/14/2005 5:00:01	89.1	149.7	0.14	234.4	6.3	2.6	0.00	0.07						
1/14/2005 6:00:01	89.9	151.0	0.15	277.0	6.2	3.1	0.00	0.07						
1/14/2005 7:00:01	92.0	154.6	0.44	276.5	6.3	3.0	0.00	0.07						
1/14/2005 8:00:01	92.4	155.2	0.36	289.9	6.1	3.1	0.00	0.07						
1/14/2005 9:00:01	93.3	156.7	0.30	285.2	6.3	3.1	0.00	0.07						
1/14/2005 10:00:0	93.3	156.7	0.15	298.8	6.5	3.2	0.00	0.07						
1/14/2005 11:00:0	93.3	156.7	0.07	263.3	6.5	2.8	0.00	0.07						
1/14/2005 12:00:0	93.3	156.7	0.05	235.7	6.2	2.5	0.00	0.07						
1/14/2005 13:00:0	86.7	145.7	0.03	170.0	7.6	2.0	0.00	0.09						
1/14/2005 14:00:0	88.6	148.8	0.02	224.7	7.8	2.5	0.00	0.09						
1/14/2005 15:00:0	91.7	154.1	0.02	259.2	6.5	2.8	0.00	0.07						
1/14/2005 16:00:0	95.6	160.6	0.08	245.7	7.6	2.6	0.00	0.08						

Key 2

File name: Pre-Trial Emission Data

Data: Kiln production (1-hr avg.), kiln/RM SO2, NOx, & THC emissions (1-hr avg. and per-ton clinker avg.), flyash & petroleum coke fueling rates (1-hr avg.), and proportions of each fuel used per hour between January 14 and February 14, 2005.

Date/Time	Clinker ProdRat 1 hour tons/hr avg	Preheater DryFeedRat 1 hour tons/hr avg	Kiln SO2 1 hour #/hr avg	Kiln NOx 1 hour #/hr avg	Kiln THC 1 hour lbs/hr avg	Kiln NOx 1 hour #/Cli T avg	Kiln SO2 1 hour #/Cli-T avg	Kiln THC 1 hour #/Cli-T avg	FlyAsh Feed Rate tons/hr avg	Petroleum Coke Feed Rate tons/hr avg	Proportion of Heat Input From Each Fuel			
											Coal %	FlyAsh %	Pet-Coke %	Tires %
1/14/2005 0:00:01	87.9	147.7	0.23	213.4	7.0	2.4	0.00	0.08						
1/14/2005 1:00:01	88.1	148.0	0.25	253.7	6.4	2.9	0.00	0.07						
1/14/2005 2:00:01	88.9	149.4	0.55	234.4	6.7	2.6	0.01	0.08						
1/14/2005 3:00:01	89.6	150.5	0.45	217.5	6.2	2.4	0.01	0.07						
1/14/2005 4:00:01	89.1	149.7	0.23	216.9	6.1	2.4	0.00	0.07						
1/14/2005 5:00:01	89.1	149.7	0.14	234.4	6.3	2.6	0.00	0.07						
1/14/2005 6:00:01	89.9	151.0	0.15	277.0	6.2	3.1	0.00	0.07						
1/14/2005 7:00:01	92.0	154.6	0.44	276.5	6.3	3.0	0.00	0.07						
1/14/2005 8:00:01	92.4	155.2	0.36	289.9	6.1	3.1	0.00	0.07						
1/14/2005 9:00:01	93.3	156.7	0.30	285.2	6.3	3.1	0.00	0.07						
1/14/2005 10:00:01	93.3	156.7	0.15	298.8	6.5	3.2	0.00	0.07						
1/14/2005 11:00:01	93.3	156.7	0.07	263.3	6.5	2.8	0.00	0.07						
1/14/2005 12:00:01	93.3	156.7	0.05	235.7	6.2	2.5	0.00	0.07						
1/14/2005 13:00:01	86.7	145.7	0.03	170.0	7.6	2.0	0.00	0.09						
1/14/2005 14:00:01	88.6	148.8	0.02	224.7	7.8	2.5	0.00	0.09						
1/14/2005 15:00:01	91.7	154.1	0.02	259.2	6.5	2.8	0.00	0.07						
1/14/2005 16:00:01	95.6	160.6	0.08	245.7	7.6	2.6	0.00	0.08						
1/14/2005 17:00:01	92.7	155.7	0.19	270.3	9.4	2.9	0.00	0.10						
1/14/2005 18:00:01	98.1	164.8	0.20	251.1	9.0	2.6	0.00	0.09						
1/14/2005 19:00:01	97.9	164.5	0.11	289.2	6.9	3.0	0.00	0.07						
1/14/2005 20:00:01	98.1	164.8	0.04	253.1	6.7	2.6	0.00	0.07						
1/14/2005 21:00:01	98.1	164.8	0.06	250.0	7.2	2.5	0.00	0.07						
1/14/2005 22:00:01	98.1	164.8	0.18	257.2	8.1	2.6	0.00	0.08						
1/14/2005 23:00:01	98.1	164.8	0.08	236.3	9.2	2.4	0.00	0.09						

Key 3

File name: Trial Emission Data

Data: Kiln production (1-hr avg.), kiln/RM SO2, NOx, & THC emissions (1-hr avg. and per-ton clinker avg.), flyash & petroleum coke fueling rates (1-hr avg.), and proportions of each fuel used per hour between February 16 and April 12, 2005, **excluding MNR and OC data periods**.

teal-shaded: Data for period when heat input from petroleum coke was 1-15% of total heat input.

purple-shaded: Data for period when heat input from petroleum coke was 15-31% of total heat input.

blue-shaded: Data for period when flyash was used.

Date/Time	Clinker ProdRat 1 hour tons/hr avg	Preheater DryFeedRat 1 hour tons/hr avg	Kiln SO2 1 hour #/hr avg	Kiln NOx 1 hour #/hr avg	Kiln THC 1 hour lbs/hr avg	Kiln NOx 1 hour #/Cli T avg	Kiln SO2 1 hour #/Cli-T avg	Kiln THC 1 hour #/Cli-T avg	FlyAsh Feed Rate tons/hr avg	Petroleum Coke Feed Rate tons/hr avg	Proportion of Heat Input From Each Fuel			
											Coal %	FlyAsh %	Pet-Coke %	Tires %
2/16/2005 13:00:	104.0	174.7	0.00	227.3	7.1	2.2	0.00	0.07		0.6	88.2	0.0	5.5	6.3
2/16/2005 14:00:	104.0	174.7	0.00	199.9	6.9	1.9	0.00	0.07		0.6	87.5	0.0	5.5	7.0
2/16/2005 15:00:	104.0	174.7	0.00	200.8	6.4	1.9	0.00	0.06		0.7	87.6	0.0	5.5	6.9
2/16/2005 16:00:	104.2	175.1	0.00	182.2	6.2	1.7	0.00	0.06		0.7	87.6	0.0	5.5	6.9
2/16/2005 17:00:	105.2	176.7	0.00	185.8	7.1	1.8	0.00	0.07		0.7	87.6	0.0	5.5	6.9
2/16/2005 18:00:	99.8	167.7	0.00	229.8	5.4	2.3	0.00	0.05		0.7	87.9	0.0	5.5	6.6
2/16/2005 19:00:	95.0	159.6	0.00	252.5	5.2	2.7	0.00	0.05		0.6	87.7	0.0	5.5	6.8
2/16/2005 20:00:	93.9	157.8	0.00	255.5	5.0	2.7	0.00	0.05		0.6	87.2	0.0	5.5	7.3
2/16/2005 21:00:	94.3	158.4	0.00	257.9	5.1	2.7	0.00	0.05		0.6	87.4	0.0	5.5	7.1
2/16/2005 22:00:	100.5	168.8	0.00	254.2	5.9	2.5	0.00	0.06		0.6	87.5	0.0	5.5	7.0
2/16/2005 23:00:	104.3	175.2	0.00	240.8	6.6	2.3	0.00	0.06		0.6	87.4	0.0	5.5	7.1
2/17/2005 0:00:0	104.4	175.4	0.00	230.5	6.3	2.2	0.00	0.06		0.6	87.6	0.0	5.5	6.9
2/17/2005 1:00:0	104.1	174.9	0.00	231.4	6.0	2.2	0.00	0.06		0.6	87.7	0.0	5.5	6.8
2/17/2005 2:00:0	103.7	174.2	0.00	235.0	6.3	2.3	0.00	0.06		0.6	87.5	0.0	5.5	7.0
2/17/2005 3:00:0	104.0	174.7	0.00	221.9	6.2	2.1	0.00	0.06		0.6	87.5	0.0	5.5	7.0
2/17/2005 4:00:0	103.9	174.6	0.00	212.4	6.1	2.0	0.00	0.06		0.6	88.6	0.0	5.5	5.9
2/17/2005 5:00:0	103.8	174.4	0.00	233.9	5.7	2.3	0.00	0.05		0.7	88.4	0.0	5.5	6.0
2/17/2005 6:00:0	104.0	174.7	0.00	217.7	6.1	2.1	0.00	0.06		0.7	88.3	0.0	5.5	6.2
2/17/2005 7:00:0	104.0	174.7	0.00	198.2	7.4	1.9	0.00	0.07		0.7	88.4	0.0	5.5	6.1
2/17/2005 8:00:0	104.0	174.7	0.00	239.2	5.7	2.3	0.00	0.06		0.7	87.8	0.0	5.5	6.7
2/17/2005 9:00:0	104.0	174.7	0.00	210.4	7.2	2.0	0.00	0.07		0.7	87.8	0.0	5.5	6.7

Key 4

File name: Post-Trial Emission Data

Data: Kiln production (1-hr avg.), kiln/RM SO₂, NO_x, & THC emissions (1-hr avg. and per-ton clinker avg.), flyash & petroleum coke fueling rates (1-hr avg.), and proportions of each fuel used per hour between April 17 and May 21, 2005, **excluding periods of OC and MNR**.

Date/Time	Clinker ProdRat 1 hour tons/hr avg	Preheater DryFeedRat 1 hour tons/hr avg	Kiln SO ₂ 1 hour #/hr avg	Kiln NO _x 1 hour #/hr avg	Kiln THC 1 hour lbs/hr avg	Kiln NO _x 1 hour #/Cli T avg	Kiln SO ₂ 1 hour #/Cli-T avg	Kiln THC 1 hour #/Cli-T avg	FlyAsh Feed Rate tons/hr avg	Petroleum Coke Feed Rate tons/hr avg	Proportion of Heat Input From Each Fuel			
											Coal %	FlyAsh %	Pet-Coke %	Tires %
4/17/2005 0:00:0	102.2	171.7	0.00	137.1	10.7	1.3	0.00	0.10						
4/17/2005 1:00:0	100.9	169.5	0.00	140.0	10.5	1.4	0.00	0.10						
4/17/2005 2:00:0	101.0	169.7	0.01	134.3	10.3	1.3	0.00	0.10						
4/17/2005 3:00:0	101.0	169.7	0.00	118.2	10.7	1.2	0.00	0.11						
4/17/2005 4:00:0	101.0	169.7	0.00	107.7	11.5	1.1	0.00	0.11						
4/17/2005 5:00:0	102.4	172.0	0.17	83.2	19.0	0.8	0.00	0.19						
4/17/2005 6:00:0	101.0	169.7	0.00	82.3	15.4	0.8	0.00	0.15						
4/17/2005 7:00:0	101.0	169.7	0.00	89.8	17.6	0.9	0.00	0.17						
4/17/2005 8:00:0	100.6	169.0	0.00	117.0	16.5	1.2	0.00	0.16						
4/17/2005 9:00:0	99.5	167.2	0.00	171.2	12.8	1.7	0.00	0.13						
4/17/2005 10:00	99.7	167.5	0.00	146.1	11.8	1.5	0.00	0.12						
4/17/2005 11:00	100.0	168.0	0.00	131.7	11.2	1.3	0.00	0.11						
4/17/2005 12:00	101.0	169.7	0.00	135.1	11.3	1.3	0.00	0.11						
4/17/2005 13:00	97.5	163.8	0.00	90.9	15.4	0.9	0.00	0.16						
4/17/2005 14:00	96.2	161.6	0.00	128.4	11.5	1.3	0.00	0.12						
4/17/2005 15:00	97.7	164.1	0.00	130.6	10.3	1.3	0.00	0.11						
4/17/2005 16:00	98.9	166.2	0.00	101.2	11.3	1.0	0.00	0.11						
4/17/2005 17:00	98.9	166.2	0.00	259.1	10.5	2.6	0.00	0.11						
4/17/2005 18:00	98.0	164.6	0.00	397.3	9.7	4.1	0.00	0.10						
4/17/2005 19:00	98.0	164.6	0.00	289.4	11.9	3.0	0.00	0.12						
4/17/2005 20:00	98.8	166.0	0.00	374.1	10.2	3.8	0.00	0.10						
4/17/2005 21:00	99.4	167.0	0.00	409.8	10.3	4.1	0.00	0.10						
4/17/2005 22:00	100.3	168.5	0.00	382.8	10.0	3.8	0.00	0.10						
4/17/2005 23:00	100.8	169.3	0.00	295.3	10.3	2.9	0.00	0.10						

ATTACHMENT 3

Trial Emission Data Used to Determine Average NOx, SO2, and THC Rates

Date/Time	Clinker ProdRat 1.hour tons/hr avg	Preheater DryFeedRat 1 hour tons/hr avg	Kiln SO2 1 hour #/hr avg	Kiln NOx 1 hour #/hr avg	Kiln THC 1 hour lbs/hr avg	Kiln NOx 1 hour #/Cli T avg	Kiln SO2 1 hour #/Cli-T avg	Kiln THC 1 hour #/Cli-T avg	FlyAsh Feed Rate tons/hr avg	Petroleum Coke Feed Rate tons/hr avg	Proportion of Heat Input From Each Fuel			
											Coal %	FlyAsh %	Pet-Coke %	Tires %
2/16/2005 13:00:	104.0	174.7	0.00	227.3	7.1	2.2	0.00	0.07		0.6	88.2	0.0	5.5	6.3
2/16/2005 14:00:	104.0	174.7	0.00	199.9	6.9	1.9	0.00	0.07		0.6	87.5	0.0	5.5	7.0
2/16/2005 15:00:	104.0	174.7	0.00	200.8	6.4	1.9	0.00	0.06		0.7	87.6	0.0	5.5	6.9
2/16/2005 16:00:	104.2	175.1	0.00	182.2	6.2	1.7	0.00	0.06		0.7	87.6	0.0	5.5	6.9
2/16/2005 17:00:	105.2	176.7	0.00	185.8	7.1	1.8	0.00	0.07		0.7	87.6	0.0	5.5	6.9
2/16/2005 18:00:	99.8	167.7	0.00	229.8	5.4	2.3	0.00	0.05		0.7	87.9	0.0	5.5	6.6
2/16/2005 19:00:	95.0	159.6	0.00	252.5	5.2	2.7	0.00	0.05		0.6	87.7	0.0	5.5	6.8
2/16/2005 20:00:	93.9	157.8	0.00	255.5	5.0	2.7	0.00	0.05		0.6	87.2	0.0	5.5	7.3
2/16/2005 21:00:	94.3	158.4	0.00	257.9	5.1	2.7	0.00	0.05		0.6	87.4	0.0	5.5	7.1
2/16/2005 22:00:	100.5	168.8	0.00	254.2	5.9	2.5	0.00	0.06		0.6	87.5	0.0	5.5	7.0
2/16/2005 23:00:	104.3	175.2	0.00	240.8	6.6	2.3	0.00	0.06		0.6	87.4	0.0	5.5	7.1
2/17/2005 0:00:0	104.4	175.4	0.00	230.5	6.3	2.2	0.00	0.06		0.6	87.6	0.0	5.5	6.9
2/17/2005 1:00:0	104.1	174.9	0.00	231.4	6.0	2.2	0.00	0.06		0.6	87.7	0.0	5.5	6.8
2/17/2005 2:00:0	103.7	174.2	0.00	235.0	6.3	2.3	0.00	0.06		0.6	87.5	0.0	5.5	7.0
2/17/2005 3:00:0	104.0	174.7	0.00	221.9	6.2	2.1	0.00	0.06		0.6	87.5	0.0	5.5	7.0
2/17/2005 4:00:0	103.9	174.6	0.00	212.4	6.1	2.0	0.00	0.06		0.6	88.6	0.0	5.5	5.9
2/17/2005 5:00:0	103.8	174.4	0.00	233.9	5.7	2.3	0.00	0.05		0.7	88.4	0.0	5.5	6.0
2/17/2005 6:00:0	104.0	174.7	0.00	217.7	6.1	2.1	0.00	0.06		0.7	88.3	0.0	5.5	6.2
2/17/2005 7:00:0	104.0	174.7	0.00	198.2	7.4	1.9	0.00	0.07		0.7	88.4	0.0	5.5	6.1
2/17/2005 8:00:0	104.0	174.7	0.00	239.2	5.7	2.3	0.00	0.06		0.7	87.8	0.0	5.5	6.7
2/17/2005 9:00:0	104.0	174.7	0.00	210.4	7.2	2.0	0.00	0.07		0.7	87.8	0.0	5.5	6.7
2/17/2005 10:00:	104.0	174.7	0.00	174.3	14.7	1.7	0.00	0.14		0.7	87.8	0.0	5.5	6.7
2/17/2005 11:00:	104.0	174.7	0.00	230.0	6.5	2.2	0.00	0.06		0.7	88.5	0.0	5.5	6.0
2/17/2005 12:00:	104.0	174.7	0.00	201.9	6.9	1.9	0.00	0.07		0.7	88.5	0.0	5.5	6.0
2/17/2005 13:00:	104.0	174.7	0.00	208.6	6.7	2.0	0.00	0.06		0.7	88.4	0.0	5.5	6.0
2/17/2005 14:00:	102.6	172.4	0.00	214.3	7.3	2.1	0.00	0.07		0.7	88.4	0.0	5.5	6.1
2/17/2005 15:00:	102.3	171.9	0.00	235.4	7.2	2.3	0.00	0.07		0.7	88.3	0.0	5.5	6.1
2/17/2005 16:00:	101.6	170.7	0.00	259.3	6.5	2.6	0.00	0.06		0.7	88.4	0.0	5.5	6.1
2/17/2005 17:00:	101.6	170.7	0.00	227.8	13.3	2.2	0.00	0.13		0.7	87.7	0.0	5.5	6.8
2/17/2005 18:00:	86.6	145.5	0.00	203.4	9.7	2.5	0.00	0.21		0.7	94.1	0.0	5.9	0.0
2/17/2005 19:00:	64.7	108.7	0.00	228.1	4.1	3.5	0.00	0.06		0.7	94.1	0.0	5.9	0.0
2/17/2005 20:00:	76.9	129.2	0.00	193.5	8.0	2.6	0.00	0.10		0.6	89.2	0.0	5.6	5.2

2/17/2005 21:00:	86.5	145.3	0.00	145.5	17.7	1.7	0.00	0.21
2/17/2005 22:00:	94.4	158.6	0.00	152.8	8.1	1.6	0.00	0.09
2/17/2005 23:00:	99.0	166.3	0.00	167.5	9.6	1.7	0.00	0.10
2/18/2005 0:00:0	102.0	171.4	0.00	187.1	8.2	1.8	0.00	0.08
2/18/2005 1:00:0	105.0	176.4	0.00	169.2	11.0	1.6	0.00	0.10
2/18/2005 2:00:0	106.7	179.3	0.00	187.4	9.1	1.8	0.00	0.09
2/18/2005 3:00:0	106.8	179.4	0.00	204.5	7.6	1.9	0.00	0.07
2/18/2005 4:00:0	101.9	171.2	0.00	232.1	8.3	2.3	0.00	0.08
2/18/2005 5:00:0	104.0	174.7	0.00	209.0	10.8	2.0	0.00	0.10
2/18/2005 6:00:0	104.0	174.7	0.00	212.8	7.6	2.0	0.00	0.07
2/18/2005 13:00:	104.0	174.7	0.00	216.4	9.3	2.1	0.00	0.09
2/18/2005 14:00:	103.9	174.6	0.00	196.9	40.7	1.9	0.00	0.39
2/18/2005 15:00:	101.1	169.8	0.00	275.4	6.3	2.7	0.00	0.06
2/18/2005 16:00:	98.9	166.2	0.00	231.7	7.8	2.3	0.00	0.08
2/18/2005 17:00:	98.8	166.0	0.00	252.6	8.5	2.6	0.00	0.09
2/18/2005 18:00:	97.6	164.0	0.00	308.8	6.6	3.2	0.00	0.07
2/18/2005 19:00:	95.3	160.1	0.00	254.3	12.5	2.7	0.00	0.13
2/18/2005 20:00:	97.4	163.6	0.00	260.8	13.6	2.7	0.00	0.14
2/18/2005 21:00:	97.4	163.6	0.00	217.6	10.6	2.2	0.00	0.11
2/18/2005 22:00:	98.7	165.8	0.00	186.1	16.0	1.9	0.00	0.16
2/18/2005 23:00:	101.3	170.2	0.00	172.8	12.9	1.7	0.00	0.13
2/19/2005 0:00:0	103.6	174.0	0.00	165.4	7.8	1.6	0.00	0.08
2/19/2005 1:00:0	104.3	175.2	0.00	126.6	32.9	1.2	0.00	0.32
2/19/2005 2:00:0	105.0	176.4	0.00	167.5	8.7	1.6	0.00	0.08
2/19/2005 3:00:0	104.5	175.6	0.00	182.4	8.4	1.7	0.00	0.08
2/19/2005 4:00:0	104.0	174.7	0.00	184.5	8.7	1.8	0.00	0.08
2/19/2005 5:00:0	104.1	174.9	0.00	190.9	10.4	1.8	0.00	0.10
2/19/2005 6:00:0	104.0	174.7	0.00	205.8	7.6	2.0	0.00	0.07
2/19/2005 7:00:0	103.1	173.2	0.00	175.8	7.7	1.7	0.00	0.07
2/19/2005 8:00:0	100.7	169.2	0.00	205.3	7.0	2.0	0.00	0.07
2/19/2005 9:00:0	97.4	163.6	0.00	205.1	6.6	2.1	0.00	0.07
2/19/2005 10:00:	95.0	159.6	0.00	179.9	8.6	1.9	0.00	0.09
2/19/2005 11:00:	97.0	163.0	0.00	188.4	15.8	1.9	0.00	0.16
2/19/2005 12:00:	96.0	161.3	0.00	247.8	7.8	2.6	0.00	0.08
2/19/2005 13:00:	97.1	163.1	0.00	243.6	7.5	2.5	0.00	0.08
2/19/2005 14:00:	98.1	164.8	0.00	240.5	7.2	2.5	0.00	0.07
2/19/2005 15:00:	98.0	164.6	0.00	232.9	6.7	2.4	0.00	0.07

0.6	88.5	0.0	5.5	5.9
0.6	94.1	0.0	5.9	0.0
0.7	87.7	0.0	5.5	6.8
0.7	87.7	0.0	5.5	6.8
0.7	87.8	0.0	5.5	6.7
0.7	87.8	0.0	5.5	6.7
0.7	87.8	0.0	5.5	6.7
0.7	87.9	0.0	5.5	6.6
0.7	87.2	0.0	5.5	7.3
0.7	87.7	0.0	5.5	6.8
0.6	87.5	0.0	5.5	7.0
0.6	87.5	0.0	5.5	7.0
0.7	87.6	0.0	5.5	6.9
0.7	87.7	0.0	5.5	6.8
0.7	87.8	0.0	5.5	6.7
0.6	87.4	0.0	5.5	7.1
0.6	87.9	0.0	5.5	6.5
0.6	87.8	0.0	5.5	6.8
0.6	87.2	0.0	5.5	7.3
0.6	88.1	0.0	5.5	6.4
0.6	87.5	0.0	5.5	7.0
0.6	88.2	0.0	5.5	6.3
0.6	87.5	0.0	5.5	7.0
0.6	87.5	0.0	5.5	7.0
0.6	87.5	0.0	5.5	7.0
0.6	87.5	0.0	5.5	7.0
0.7	88.3	0.0	5.5	6.2
0.7	88.4	0.0	5.5	6.1
0.7	87.7	0.0	5.5	6.8
0.7	87.7	0.0	5.5	6.8
0.7	87.8	0.0	5.5	6.7
0.7	88.5	0.0	5.5	6.0
0.7	88.5	0.0	5.5	6.0
0.7	88.4	0.0	5.5	6.0
0.7	87.7	0.0	5.5	6.8
0.7	88.4	0.0	5.5	6.0
0.7	88.3	0.0	5.5	6.2

2/19/2005 16:00:	98.0	164.6	0.00	228.9	6.3	2.3	0.00	0.06
2/19/2005 17:00:	98.1	164.8	0.00	212.2	6.6	2.2	0.00	0.07
2/19/2005 18:00:	98.0	164.6	0.00	212.8	6.3	2.2	0.00	0.06
2/19/2005 19:00:	98.0	164.6	0.00	190.9	6.3	1.9	0.00	0.06
2/19/2005 20:00:	98.1	164.8	0.00	186.7	6.1	1.9	0.00	0.06
2/19/2005 21:00:	98.6	165.6	0.00	149.0	9.4	1.5	0.00	0.09
2/19/2005 22:00:	99.2	166.7	0.00	145.2	8.3	1.5	0.00	0.08
2/19/2005 23:00:	99.3	166.8	0.00	167.0	6.3	1.7	0.00	0.06
2/20/2005 0:00:0	99.2	166.7	0.00	148.3	7.6	1.5	0.00	0.08
2/20/2005 1:00:0	98.1	164.8	0.00	132.9	11.0	1.4	0.00	0.11
2/20/2005 2:00:0	97.4	163.6	0.00	162.0	8.3	1.7	0.00	0.09
2/20/2005 3:00:0	95.1	159.8	0.00	257.0	6.5	2.7	0.00	0.07
2/20/2005 4:00:0	95.2	159.9	0.00	242.5	8.5	2.5	0.00	0.09
2/20/2005 5:00:0	95.3	160.1	0.00	280.9	6.8	2.9	0.00	0.07
2/20/2005 6:00:0	95.1	159.8	0.00	282.7	6.5	3.0	0.00	0.07
2/20/2005 7:00:0	93.6	157.2	0.00	293.7	5.9	3.1	0.00	0.06
2/20/2005 8:00:0	92.1	154.7	0.00	261.5	7.1	2.8	0.00	0.08
2/20/2005 9:00:0	93.4	156.9	0.00	262.0	7.3	2.8	0.00	0.08
2/20/2005 10:00:	94.7	159.1	0.00	276.6	6.2	2.9	0.00	0.07
2/20/2005 11:00:	92.1	154.7	0.00	278.4	6.1	3.0	0.00	0.07
2/20/2005 12:00:	93.5	157.1	0.00	207.5	8.7	2.2	0.00	0.09
2/20/2005 13:00:	96.6	162.3	0.00	209.0	6.8	2.2	0.00	0.07
2/20/2005 14:00:	93.7	157.4	0.00	237.8	6.6	2.5	0.00	0.07
2/20/2005 15:00:	97.1	163.1	0.00	203.7	6.5	2.1	0.00	0.07
2/20/2005 16:00:	98.4	165.3	0.00	189.4	8.5	1.9	0.00	0.09
2/20/2005 17:00:	100.7	169.2	0.00	188.0	7.4	1.9	0.00	0.07
2/20/2005 18:00:	100.5	168.8	0.00	198.8	6.5	2.0	0.00	0.06
2/20/2005 19:00:	95.2	159.9	0.00	247.0	6.1	2.6	0.00	0.06
2/20/2005 20:00:	94.0	157.9	0.00	280.5	6.1	3.0	0.00	0.06
2/20/2005 21:00:	97.4	163.6	0.00	273.9	9.8	2.8	0.00	0.10
2/20/2005 22:00:	102.5	172.2	0.00	187.9	28.7	1.8	0.00	0.28
2/20/2005 23:00:	102.3	171.9	0.00	193.6	8.6	1.9	0.00	0.08
2/21/2005 0:00:0	102.2	171.7	0.00	189.2	10.9	1.9	0.00	0.11
2/21/2005 1:00:0	102.1	171.5	0.00	197.5	8.1	1.9	0.00	0.08
2/21/2005 2:00:0	101.9	171.2	0.00	185.2	8.6	1.8	0.00	0.08
2/21/2005 3:00:0	102.2	171.7	0.00	195.9	7.6	1.9	0.00	0.07
2/21/2005 4:00:0	102.2	171.7	0.00	211.4	7.3	2.1	0.00	0.07

0.7	88.4	0.0	5.5	6.1
0.7	87.7	0.0	5.5	6.8
0.7	94.1	0.0	5.9	0.0
0.7	94.1	0.0	5.9	0.0
0.6	88.5	0.0	5.5	6.0
0.6	88.5	0.0	5.5	5.9
0.6	94.1	0.0	5.9	0.0
0.7	87.7	0.0	5.5	6.8
0.7	87.7	0.0	5.5	6.8
0.7	87.7	0.0	5.5	6.8
0.7	87.8	0.0	5.5	6.7
0.7	87.8	0.0	5.5	6.7
0.7	87.2	0.0	5.5	7.3
0.7	87.7	0.0	5.5	6.8
1.3	88.3	0.0	11.7	0.0
1.3	88.3	0.0	11.7	0.0
1.3	88.3	0.0	11.7	0.0
1.3	88.3	0.0	11.7	0.0
1.3	88.3	0.0	11.7	0.0
1.3	85.5	0.0	11.3	3.2
1.3	85.5	0.0	11.3	3.2
1.3	88.3	0.0	11.7	0.0
1.3	84.7	0.0	11.2	4.1
1.3	84.7	0.0	11.2	4.1
1.2	85.0	0.0	11.2	3.7
1.3	84.0	0.0	11.1	4.9
1.3	83.6	0.0	11.1	5.4
1.3	88.3	0.0	11.7	0.0
1.3	88.3	0.0	11.7	0.0
1.3	83.3	0.0	11.0	5.7
1.3	82.9	0.0	11.0	6.1
1.3	82.9	0.0	11.0	6.2
1.3	83.1	0.0	11.0	5.9
1.3	88.3	0.0	11.7	0.0
1.3	88.3	0.0	11.7	0.0
1.3	88.3	0.0	11.7	0.0
1.3	88.3	0.0	11.7	0.0

2/21/2005 5:00:0	102.2	171.7	0.00	221.3	7.7	2.2	0.00	0.08
2/21/2005 6:00:0	102.8	172.7	0.00	249.6	6.8	2.4	0.00	0.07
2/21/2005 7:00:0	102.8	172.7	0.00	205.0	7.7	2.0	0.00	0.07
2/21/2005 8:00:0	103.6	174.0	0.00	155.0	12.9	1.5	0.00	0.12
2/21/2005 9:00:0	104.7	175.9	0.00	170.0	10.7	1.6	0.00	0.10
2/21/2005 10:00:0	105.1	176.6	0.00	171.7	11.3	1.6	0.00	0.11
2/21/2005 11:00:0	105.0	176.4	0.00	163.4	8.7	1.6	0.00	0.08
2/21/2005 12:00:0	104.0	174.7	0.00	158.1	8.9	1.5	0.00	0.09
2/21/2005 13:00:0	104.6	175.7	0.00	162.5	9.7	1.6	0.00	0.09
2/21/2005 14:00:0	104.6	175.7	0.00	144.7	8.5	1.4	0.00	0.08
2/21/2005 15:00:0	103.8	174.4	0.00	134.1	11.8	1.3	0.00	0.11
2/21/2005 16:00:0	102.7	172.5	0.00	161.6	7.3	1.6	0.00	0.07
2/21/2005 17:00:0	96.8	162.6	0.00	174.2	8.1	1.8	0.00	0.08
2/21/2005 18:00:0	99.7	167.5	0.01	194.4	7.3	2.0	0.00	0.07
2/21/2005 19:00:0	101.1	169.8	0.01	210.0	7.7	2.1	0.00	0.08
2/21/2005 20:00:0	101.0	169.7	0.00	195.8	7.8	1.9	0.00	0.08
2/21/2005 21:00:0	96.8	162.6	0.00	157.1	15.5	1.6	0.00	0.16
2/21/2005 22:00:0	94.3	158.4	0.00	173.5	9.4	1.8	0.00	0.10
2/21/2005 23:00:0	98.8	166.0	0.00	185.1	7.5	1.9	0.00	0.08
2/22/2005 0:00:0	100.8	169.3	0.00	153.3	9.4	1.5	0.00	0.09
2/22/2005 1:00:0	102.1	171.5	0.00	140.1	8.6	1.4	0.00	0.08
2/22/2005 2:00:0	101.2	170.0	0.01	155.6	7.0	1.5	0.00	0.07
2/22/2005 3:00:0	99.1	166.5	0.00	156.0	8.4	1.6	0.00	0.09
2/22/2005 4:00:0	101.4	170.4	0.00	144.4	8.9	1.4	0.00	0.09
2/22/2005 5:00:0	101.6	170.7	0.00	138.0	8.7	1.4	0.00	0.09
2/22/2005 6:00:0	100.0	168.0	0.00	168.1	6.7	1.7	0.00	0.07
2/22/2005 7:00:0	100.5	168.8	0.00	164.4	7.7	1.6	0.00	0.08
2/22/2005 8:00:0	99.0	166.3	0.00	189.0	6.4	1.9	0.00	0.06
2/22/2005 9:00:0	100.6	169.0	0.00	192.8	7.1	1.9	0.00	0.07
2/22/2005 10:00:0	101.6	170.7	0.00	200.5	6.5	2.0	0.00	0.06
2/22/2005 11:00:0	98.4	165.3	0.00	235.2	6.1	2.4	0.00	0.06
2/22/2005 12:00:0	101.7	170.9	0.00	226.1	7.5	2.2	0.00	0.07
2/22/2005 13:00:0	101.3	170.2	0.00	225.0	6.7	2.2	0.00	0.07
2/23/2005 17:00:0	104.8	176.1	0.00	227.9	27.4	2.2	0.00	0.26
2/23/2005 18:00:0	104.3	175.2	0.00	242.3	7.1	2.3	0.00	0.07
2/23/2005 19:00:0	104.3	175.2	0.00	222.6	6.9	2.1	0.00	0.07
2/23/2005 20:00:0	104.5	175.6	0.00	221.5	6.9	2.1	0.00	0.07

1.3	88.3	0.0	11.7	0.0
1.3	88.3	0.0	11.7	0.0
1.3	82.6	0.0	10.9	6.5
1.3	82.5	0.0	10.9	6.5
1.6	80.5	0.0	13.1	6.5
1.5	80.5	0.0	13.1	6.4
1.5	80.5	0.0	13.1	6.4
1.7	79.4	0.0	14.1	6.4
1.7	79.4	0.0	14.1	6.5
1.7	79.4	0.0	14.1	6.5
1.6	79.2	0.0	14.1	6.8
1.8	78.2	0.0	15.2	6.6
1.8	78.4	0.0	15.2	6.4
1.8	80.2	0.0	15.6	4.2
1.8	78.8	0.0	15.3	6.0
2	77.5	0.0	16.3	6.2
1.9	77.1	0.0	16.2	6.7
1.9	77.1	0.0	16.2	6.7
2	77.3	0.0	16.2	6.5
2	77.4	0.0	16.3	6.4
2	77.3	0.0	16.2	6.5
1.9	77.2	0.0	16.2	6.6
2	77.3	0.0	16.2	6.5
2	77.3	0.0	16.2	6.4
2	77.3	0.0	16.2	6.4
2	77.3	0.0	16.2	6.4
2	77.3	0.0	16.2	6.5
2	77.4	0.0	16.3	6.4
1.9	77.3	0.0	16.2	6.5
2	77.3	0.0	16.2	6.5
2	77.4	0.0	16.3	6.3
1.9	77.3	0.0	16.2	6.5
1.9	77.2	0.0	16.2	6.6
0.6	88.8	0.0	5.6	5.6
0.6	88.9	0.0	5.6	5.6
1.3	82.7	0.0	10.9	6.4
1.3	82.8	0.0	11.0	6.2

2/23/2005 21:00:	105.2	176.7	0.00	213.0	5.8	2.0	0.00	0.06
2/23/2005 22:00:	105.2	176.7	0.00	199.8	6.4	1.9	0.00	0.06
2/23/2005 23:00:	100.3	168.5	0.00	170.6	7.5	1.7	0.00	0.08
2/24/2005 0:00:0	97.3	163.5	0.00	228.0	5.2	2.3	0.00	0.05
2/24/2005 1:00:0	99.5	167.2	0.00	276.1	5.6	2.8	0.00	0.06
2/24/2005 2:00:0	100.0	168.0	0.00	269.1	5.9	2.7	0.00	0.06
2/24/2005 3:00:0	103.0	173.0	0.00	242.4	6.8	2.4	0.00	0.07
2/24/2005 4:00:0	104.7	175.9	0.00	212.0	5.3	2.0	0.00	0.05
2/24/2005 5:00:0	104.0	174.7	0.00	214.2	5.1	2.1	0.00	0.05
2/24/2005 6:00:0	104.3	175.2	0.00	205.8	6.2	2.0	0.00	0.06
2/24/2005 7:00:0	105.5	177.2	0.00	203.3	5.4	1.9	0.00	0.05
2/24/2005 8:00:0	104.9	176.2	0.00	188.7	7.5	1.8	0.00	0.07
2/24/2005 9:00:0	104.6	175.7	0.00	209.4	7.4	2.0	0.00	0.07
2/24/2005 10:00:	104.9	176.2	0.00	213.1	7.4	2.0	0.00	0.07
2/24/2005 11:00:	105.2	176.7	0.00	218.2	7.7	2.1	0.00	0.07
2/24/2005 12:00:	105.5	177.2	0.00	177.3	7.4	1.7	0.00	0.07
2/24/2005 13:00:	105.7	177.6	0.00	178.6	7.3	1.7	0.00	0.07
2/24/2005 14:00:	105.8	177.7	0.00	253.8	7.1	2.4	0.00	0.07
2/24/2005 15:00:	105.9	177.9	0.00	245.3	6.9	2.3	0.00	0.07
2/24/2005 16:00:	106.2	178.4	0.00	221.4	8.2	2.1	0.00	0.08
2/24/2005 17:00:	106.9	179.6	0.00	254.0	7.0	2.4	0.00	0.07
2/24/2005 18:00:	107.0	179.8	0.00	207.4	7.0	1.9	0.00	0.07
2/24/2005 19:00:	107.0	179.8	0.00	206.6	7.4	1.9	0.00	0.07
2/24/2005 20:00:	107.0	179.8	0.00	189.1	8.5	1.8	0.00	0.08
2/24/2005 21:00:	107.0	179.8	0.00	192.6	9.0	1.8	0.00	0.08
2/24/2005 22:00:	107.0	179.8	0.00	197.2	9.2	1.8	0.00	0.09
2/24/2005 23:00:	107.0	179.8	0.00	208.7	10.2	2.0	0.00	0.10
2/25/2005 0:00:0	106.9	179.6	0.00	197.3	9.3	1.8	0.00	0.09
2/25/2005 1:00:0	107.0	179.8	0.00	175.3	16.4	1.6	0.00	0.15
2/25/2005 2:00:0	107.0	179.8	0.00	215.3	8.6	2.0	0.00	0.08
2/25/2005 3:00:0	104.4	175.4	0.00	185.0	8.2	1.8	0.00	0.08
2/25/2005 4:00:0	104.0	174.7	0.00	212.3	6.7	2.0	0.00	0.06
2/25/2005 5:00:0	104.5	175.6	0.00	256.3	7.1	2.5	0.00	0.07
2/25/2005 6:00:0	107.0	179.8	0.00	261.9	7.0	2.4	0.00	0.07
2/25/2005 7:00:0	99.9	167.8	0.00	292.2	6.0	3.0	0.00	0.06
2/25/2005 8:00:0	65.6	110.2	0.00	175.3	2.3	3.9	0.00	0.05
2/25/2005 18:00:	54.3	91.2	0.00	196.5	2.5	3.7	0.00	0.05

1.3	82.8	0.0	11.0	6.2
1.3	82.7	0.0	10.9	6.3
1.2	82.5	0.0	10.9	6.6
1.2	82.7	0.0	10.9	6.4
1.2	82.6	0.0	10.9	6.5
1.2	82.6	0.0	10.9	6.4
2.5	72.1	0.0	21.5	6.4
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.1	0.0	21.5	6.4
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.1	0.0	21.5	6.4
2.4	72.1	0.0	21.5	6.4
2.4	72.0	0.0	21.4	6.5
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.2	0.0	21.5	6.3
2.5	72.1	0.0	21.5	6.4
2.3	71.9	0.0	21.4	6.7
2.3	71.9	0.0	21.4	6.7
2.4	72.1	0.0	21.5	6.4
2.4	72.1	0.0	21.5	6.5
2.4	72.1	0.0	21.5	6.5
2	71.0	0.0	21.1	7.9
2	77.1	0.0	22.9	0.0
2	77.1	0.0	22.9	0.0

2/25/2005 19:00:0	78.4	131.7	0.02	244.8	5.9	3.1	0.00	0.07	2.3	77.1	0.0	22.9	0.0
2/25/2005 20:00:0	97.2	163.3	0.01	141.4	28.5	1.4	0.00	0.30	2.5	77.1	0.0	22.9	0.0
2/25/2005 21:00:0	102.9	172.9	0.00	234.6	5.9	2.3	0.00	0.06	2.5	77.1	0.0	22.9	0.0
2/25/2005 22:00:0	101.0	169.7	0.03	236.0	5.8	2.3	0.00	0.06	2.5	77.1	0.0	22.9	0.0
2/25/2005 23:00:0	100.2	168.3	0.01	240.5	6.0	2.4	0.00	0.06	2.5	77.1	0.0	22.9	0.0
2/26/2005 0:00:0	91.2	153.2	0.06	213.1	10.5	2.3	0.00	0.13	2.4	77.1	0.0	22.9	0.0
2/26/2005 1:00:0	83.4	140.1	0.00	212.0	5.3	2.5	0.00	0.06	2.1	77.1	0.0	22.9	0.0
2/26/2005 2:00:0	86.0	144.5	0.00	196.0	5.6	2.3	0.00	0.07	2.4	77.1	0.0	22.9	0.0
2/26/2005 3:00:0	90.1	151.4	0.00	166.5	10.9	1.9	0.00	0.12	2.5	77.1	0.0	22.9	0.0
2/26/2005 4:00:0	96.8	162.6	0.01	153.1	11.9	1.6	0.00	0.12	2.5	77.1	0.0	22.9	0.0
2/26/2005 5:00:0	102.6	172.4	0.03	185.0	11.3	1.8	0.00	0.11	2.3	77.1	0.0	22.9	0.0
2/26/2005 6:00:0	103.5	173.9	0.04	170.8	7.6	1.7	0.00	0.07	2.4	77.1	0.0	22.9	0.0
2/26/2005 7:00:0	103.9	174.6	0.03	152.3	7.3	1.5	0.00	0.07	2.4	73.2	0.0	21.8	5.1
2/26/2005 8:00:0	104.0	174.7	0.06	162.0	6.4	1.6	0.00	0.06	2.4	73.2	0.0	21.8	5.1
2/26/2005 9:00:0	104.0	174.7	0.05	129.5	7.2	1.2	0.00	0.07	2.4	73.2	0.0	21.8	5.1
2/26/2005 10:00:0	104.5	175.6	0.07	189.5	7.0	1.8	0.00	0.07	2.4	77.1	0.0	22.9	0.0
2/26/2005 11:00:0	104.5	175.6	0.13	193.1	6.2	1.8	0.00	0.06	2.3	73.1	0.0	21.8	5.1
2/26/2005 12:00:0	105.3	176.9	0.11	119.8	13.4	1.1	0.00	0.13	2.3	73.1	0.0	21.8	5.1
2/26/2005 13:00:0	107.8	181.1	0.08	128.9	6.7	1.2	0.00	0.06	2.3	77.1	0.0	22.9	0.0
2/26/2005 14:00:0	106.0	178.1	0.13	162.0	6.4	1.5	0.00	0.06	2.3	77.1	0.0	22.9	0.0
2/26/2005 15:00:0	107.1	179.9	0.18	151.6	7.7	1.4	0.00	0.07	2.4	73.2	0.0	21.8	5.0
2/26/2005 16:00:0	107.4	180.4	0.18	139.6	8.1	1.3	0.00	0.08	2.3	73.0	0.0	21.7	5.2
2/26/2005 17:00:0	108.2	181.8	0.13	158.6	6.6	1.5	0.00	0.06	2.3	77.1	0.0	22.9	0.0
2/26/2005 18:00:0	108.2	181.8	0.19	144.2	6.4	1.3	0.00	0.06	2.3	73.0	0.0	21.7	5.2
2/26/2005 19:00:0	108.2	181.8	0.19	151.8	6.6	1.4	0.00	0.06	2.3	73.0	0.0	21.7	5.2
2/26/2005 20:00:0	108.2	181.8	0.16	187.4	6.6	1.7	0.00	0.06	2.3	73.3	0.0	21.8	4.9
2/26/2005 21:00:0	109.0	183.1	0.31	115.2	7.7	1.1	0.00	0.07	2.2	73.2	0.0	21.8	5.1
2/26/2005 22:00:0	110.0	184.8	0.15	138.0	6.7	1.3	0.00	0.06	2.2	72.5	0.0	21.6	6.0
2/26/2005 23:00:0	108.5	182.3	0.05	138.3	6.1	1.3	0.00	0.06	2.3	72.5	0.0	21.6	5.9
2/27/2005 0:00:0	105.1	176.6	0.04	133.9	6.3	1.3	0.00	0.06	2.3	72.4	0.0	21.5	6.1
2/27/2005 1:00:0	108.9	183.0	0.12	132.7	7.7	1.2	0.00	0.07	2.3	72.5	0.0	21.6	5.9
2/27/2005 2:00:0	109.2	183.5	0.04	85.2	10.0	0.8	0.00	0.09	2.3	72.4	0.0	21.6	6.0
2/27/2005 3:00:0	105.5	177.2	0.04	119.8	6.5	1.4	0.00	0.06	2.2	72.4	0.0	21.5	6.1
2/27/2005 4:00:0	107.9	181.3	0.06	148.2	7.5	1.4	0.00	0.07	2.2	72.4	0.0	21.5	6.1
2/27/2005 5:00:0	111.2	186.8	0.17	136.4	10.5	1.2	0.00	0.09	2.2	72.4	0.0	21.5	6.1
2/27/2005 6:00:0	110.1	185.0	0.08	174.1	7.1	1.6	0.00	0.06	2.3	72.4	0.0	21.6	6.0
2/27/2005 7:00:0	110.5	185.6	0.11	148.7	6.5	1.3	0.00	0.06	2.2	72.3	0.0	21.5	6.2

2/27/2005 8:00:0	101.1	169.8	0.05	139.9	6.0	1.4	0.00	0.06
2/27/2005 9:00:0	96.5	162.1	0.07	157.4	5.7	1.6	0.00	0.06
2/27/2005 10:00:0	103.3	173.5	0.06	167.7	8.5	1.1	0.00	0.08
2/27/2005 11:00:0	104.0	174.7	0.07	157.1	7.1	1.5	0.00	0.07
2/27/2005 12:00:0	105.6	177.4	0.08	186.4	6.8	1.8	0.00	0.06
2/27/2005 13:00:0	106.9	179.6	0.07	174.5	7.6	1.6	0.00	0.07
2/27/2005 14:00:0	107.0	179.8	0.04	191.9	6.5	1.8	0.00	0.06
2/27/2005 15:00:0	107.0	179.8	0.03	202.0	6.4	1.9	0.00	0.06
2/27/2005 16:00:0	106.9	179.6	0.04	160.6	10.0	1.5	0.00	0.09
2/27/2005 17:00:0	104.6	175.7	0.04	170.0	6.0	1.6	0.00	0.06
2/27/2005 18:00:0	106.4	178.8	0.08	154.0	6.4	1.4	0.00	0.06
2/27/2005 19:00:0	107.0	179.8	0.10	162.4	7.4	1.5	0.00	0.07
2/27/2005 20:00:0	107.0	179.8	0.15	150.1	12.4	1.4	0.00	0.12
2/27/2005 21:00:0	107.0	179.8	0.10	155.8	21.2	1.5	0.00	0.20
2/27/2005 22:00:0	106.9	179.6	0.10	179.5	5.8	1.7	0.00	0.05
2/27/2005 23:00:0	106.9	179.6	0.11	190.2	6.9	1.8	0.00	0.06
2/28/2005 0:00:0	106.3	178.6	0.10	203.9	5.6	1.9	0.00	0.05
2/28/2005 1:00:0	107.0	179.8	0.05	209.2	5.3	2.0	0.00	0.05
2/28/2005 2:00:0	107.0	179.8	0.04	191.7	6.3	1.8	0.00	0.06
2/28/2005 3:00:0	107.5	180.6	0.19	133.8	14.5	1.2	0.00	0.14
2/28/2005 4:00:0	105.8	177.7	0.10	153.8	6.5	1.5	0.00	0.06
2/28/2005 5:00:0	106.6	179.1	0.06	152.8	7.4	1.4	0.00	0.07
2/28/2005 6:00:0	108.1	181.6	0.05	156.8	6.2	1.5	0.00	0.06
2/28/2005 7:00:0	108.2	181.8	0.03	179.6	5.7	1.7	0.00	0.05
2/28/2005 8:00:0	104.6	175.7	0.00	181.6	7.4	1.2	0.00	0.09
3/1/2005 0:00:01	58.9	99.0	0.01	140.2	2.0	2.5	0.00	0.03
3/1/2005 1:00:01	80.7	135.6	0.00	198.7	2.2	1.2	0.00	0.03
3/1/2005 2:00:01	95.9	161.1	0.00	135.1	2.7	1.4	0.00	0.03
3/1/2005 3:00:01	103.2	173.4	0.00	113.8	2.8	1.1	0.00	0.03
3/1/2005 4:00:01	106.2	178.4	0.00	129.6	2.7	1.2	0.00	0.03
3/1/2005 5:00:01	102.9	172.9	0.00	128.1	12.5	1.2	0.00	0.14
3/1/2005 6:00:01	93.1	156.4	0.00	106.9	16.2	1.1	0.00	0.18
3/1/2005 7:00:01	95.8	160.9	0.00	122.7	9.0	1.3	0.00	0.09
3/1/2005 8:00:01	98.9	166.2	0.14	130.2	20.5	1.3	0.00	0.21
3/1/2005 9:00:01	105.4	177.1	0.04	94.0	12.3	0.9	0.00	0.12
3/1/2005 10:00:0	107.4	180.4	0.07	87.5	11.8	0.8	0.00	0.11
3/1/2005 11:00:0	107.1	179.9	0.07	94.8	18.6	0.9	0.00	0.17

2.2	77.1	0.0	22.9	0.0
2.2	72.3	0.0	21.5	6.2
2.2	77.1	0.0	22.9	0.0
2.5	70.4	0.0	23.6	6.0
2.7	70.6	0.0	23.7	5.6
2.7	70.4	0.0	23.6	6.0
2.7	70.6	0.0	23.7	5.7
2.7	70.6	0.0	23.7	5.7
2.6	70.5	0.0	23.7	5.8
2.6	70.6	0.0	23.7	5.7
2.6	74.9	0.0	25.1	0.0
2.9	68.5	0.0	25.8	5.8
3	68.6	0.0	25.8	5.5
2.9	68.5	0.0	25.8	5.7
2.8	68.4	0.0	25.7	5.9
2.8	68.5	0.0	25.7	5.8
2.8	68.4	0.0	25.7	5.9
2.8	68.3	0.0	25.7	6.0
2.9	68.5	0.0	25.8	5.7
2.8	68.4	0.0	25.7	5.9
2.8	68.4	0.0	25.7	5.9
2.9	71.6	0.0	28.4	0.0
2.9	71.6	0.0	28.4	0.0
2.4	71.6	0.0	28.4	0.0
2.4	68.6	0.0	27.2	4.2
2.4	68.6	0.0	27.2	4.2
2.4	71.6	0.0	28.4	0.0
2.3	68.5	0.0	27.2	4.4
2.3	71.6	0.0	28.4	0.0
2.3	71.6	0.0	28.4	0.0
3	67.4	0.0	26.7	5.9
1.8	77.7	0.0	16.3	6.0
1.8	77.7	0.0	16.3	5.9
1.8	82.6	0.0	17.4	0.0
1.8	82.6	0.0	17.4	0.0

3/3/2005 6:00:01	103.8	174.4	0.84	153.3	11.0	1.5	0.01	0.11
3/3/2005 7:00:01	102.1	171.5	0.83	208.1	7.5	2.0	0.01	0.07
3/3/2005 8:00:01	101.6	170.7	0.00	211.5	8.5	2.1	0.00	0.08
3/3/2005 9:00:01	104.7	175.9	0.00	171.1	18.6	1.6	0.00	0.18
3/3/2005 10:00:01	107.0	179.8	0.00	165.5	15.0	1.5	0.00	0.05
3/3/2005 11:00:01	107.0	179.8	0.00	162.3	15.3	1.5	0.00	0.05
3/3/2005 12:00:01	106.9	179.6	0.00	174.4	15.0	1.6	0.00	0.05
3/3/2005 13:00:01	106.9	179.6	0.00	182.0	14.9	1.7	0.00	0.05
3/3/2005 14:00:01	107.0	179.8	0.00	168.3	15.2	1.6	0.00	0.05
3/3/2005 15:00:01	107.0	179.8	0.00	201.5	15.1	1.9	0.00	0.05
3/3/2005 16:00:01	107.0	179.8	0.02	139.9	14.9	1.3	0.00	0.09
3/3/2005 17:00:01	106.7	179.3	0.00	149.9	16.7	1.4	0.00	0.06
3/3/2005 18:00:01	105.2	176.7	0.00	143.0	16.4	1.4	0.00	0.06
3/3/2005 19:00:01	105.1	176.6	0.01	140.4	16.3	1.3	0.00	0.06
3/3/2005 20:00:01	104.7	175.9	0.03	125.6	17.6	1.2	0.00	0.07
3/3/2005 21:00:01	104.0	174.7	0.05	139.7	17.0	1.3	0.00	0.07
3/3/2005 22:00:01	104.3	175.2	0.02	127.6	10.5	1.2	0.00	0.10
3/3/2005 23:00:01	105.5	177.2	0.00	115.7	22.9	1.1	0.00	0.22
3/4/2005 0:00:01	105.8	177.7	0.00	166.3	19.4	1.6	0.00	0.09
3/4/2005 1:00:01	105.8	177.7	0.01	188.9	15.6	1.8	0.00	0.05
3/4/2005 2:00:01	105.8	177.7	0.02	181.6	16.0	1.7	0.00	0.06
3/4/2005 3:00:01	105.8	177.7	0.02	232.7	15.9	2.2	0.00	0.06
3/4/2005 4:00:01	106.0	178.1	0.03	221.9	16.4	2.1	0.00	0.06
3/4/2005 5:00:01	107.2	180.1	0.05	194.1	18.4	1.8	0.00	0.08
3/4/2005 6:00:01	106.4	178.8	0.05	197.3	10.6	1.9	0.00	0.10
3/4/2005 7:00:01	107.5	180.6	0.02	188.1	18.5	1.8	0.00	0.08
3/4/2005 8:00:01	107.5	180.6	0.13	174.3	16.6	1.6	0.00	0.06
3/4/2005 9:00:01	107.6	180.8	0.11	194.6	16.4	1.8	0.00	0.06
3/4/2005 10:00:01	107.8	181.1	0.03	187.6	17.0	1.7	0.00	0.06
3/4/2005 11:00:01	104.7	175.9	0.00	160.6	19.6	1.5	0.00	0.09
3/4/2005 12:00:01	104.5	175.6	0.00	170.8	17.1	1.6	0.00	0.07
3/4/2005 13:00:01	104.6	175.7	0.01	146.8	15.9	1.4	0.00	0.06
3/4/2005 14:00:01	106.8	179.4	0.02	151.6	17.1	1.4	0.00	0.07
3/4/2005 15:00:01	108.0	181.4	0.03	235.4	15.5	2.2	0.00	0.05
3/4/2005 16:00:01	108.2	181.8	0.03	172.4	19.6	1.6	0.00	0.09
3/4/2005 17:00:01	108.2	181.8	0.00	176.0	15.2	1.6	0.00	0.05
3/4/2005 18:00:01	108.2	181.8	0.00	155.5	15.7	1.4	0.00	0.05

1.9	82.6	0.0	17.4	0.0
1.9	77.4	0.0	16.3	6.3
1.9	77.4	0.0	16.3	6.3
1.7	77.4	0.0	16.3	6.3
3.4	62.0	0.0	31.6	6.3
3.4	62.2	0.0	31.7	6.1
3.3	62.0	0.0	31.6	6.3
3.3	62.1	0.0	31.7	6.3
3.3	61.8	0.0	31.5	6.7
3.4	62.2	0.0	31.7	6.1
3.5	62.1	0.0	31.7	6.3
3.5	62.0	0.0	31.7	6.3
3.5	62.0	0.0	31.7	6.3
3.5	62.1	0.0	31.7	6.3
3.5	62.1	0.0	31.7	6.2
3.7	62.9	0.0	32.1	4.9
3.7	63.6	0.0	32.4	4.0
3.7	64.3	0.0	32.8	2.9
3.6	65.5	0.0	33.4	1.0
3.7	65.6	0.0	33.5	1.0
3.7	66.2	0.0	33.8	0.0
3.7	66.2	0.0	33.8	0.0
3.7	66.2	0.0	33.8	0.0
3.7	66.2	0.0	33.8	0.0
3.7	66.2	0.0	33.8	0.0
3.5	66.2	0.0	33.8	0.0
3.5	62.9	0.0	32.1	4.9
3.4	62.9	0.0	32.1	5.0
3.4	62.9	0.0	32.1	5.0
3.5	63.0	0.0	32.1	4.9
3.7	63.2	0.0	32.2	4.6
3.5	66.2	0.0	33.8	0.0
3.4	63.0	0.0	32.2	4.8
3.4	63.0	0.0	32.1	4.8
3.5	63.1	0.0	32.2	4.7

3/4/2005 19:00:0	108.5	182.3	0.01	178.8	6.3	1.6	0.00	0.06	3.6	62.8	0.0	32.1	5.1
3/4/2005 20:00:0	109.0	183.1	0.02	142.8	6.5	1.3	0.00	0.06	3.6	63.0	0.0	32.1	4.9
3/4/2005 21:00:0	109.1	183.3	0.08	144.8	6.6	1.3	0.00	0.06	3.6	63.0	0.0	32.1	4.9
3/4/2005 22:00:0	109.0	183.1	0.27	129.6	7.9	1.2	0.00	0.07	1.8	78.6	0.0	16.5	4.9
3/4/2005 23:00:0	109.1	183.3	0.20	138.8	6.3	1.3	0.00	0.06	1.8	78.5	0.0	16.5	5.0
3/5/2005 0:00:01	109.1	183.3	0.13	124.5	5.9	1.1	0.00	0.05	1.8	78.4	0.0	16.5	5.1
3/5/2005 1:00:01	109.0	183.1	0.12	122.4	6.5	1.1	0.00	0.06	1.8	78.6	0.0	16.5	4.9
3/5/2005 2:00:01	109.1	183.3	0.15	133.4	6.4	1.2	0.00	0.06	1.8	78.6	0.0	16.5	4.9
3/5/2005 3:00:01	109.1	183.3	0.06	134.0	6.5	1.2	0.00	0.06	1.8	78.4	0.0	16.5	5.1
3/5/2005 4:00:01	109.0	183.1	0.08	130.5	6.1	1.2	0.00	0.06	1.8	78.6	0.0	16.5	4.9
3/5/2005 5:00:01	109.1	183.3	0.12	130.6	5.9	1.2	0.00	0.05	1.8	78.4	0.0	16.5	5.1
3/5/2005 6:00:01	108.8	182.8	0.20	117.6	6.2	1.1	0.00	0.06	1.8	78.4	0.0	16.5	5.1
3/5/2005 7:00:01	108.4	182.1	0.22	113.8	6.7	1.0	0.00	0.06	1.8	78.5	0.0	16.5	5.1
3/5/2005 8:00:01	108.4	182.1	0.25	124.9	8.0	1.2	0.00	0.07	1.8	78.5	0.0	16.5	5.1
3/5/2005 9:00:01	108.4	182.1	0.44	133.8	7.5	1.2	0.00	0.07	1.8	78.5	0.0	16.5	5.1
3/5/2005 10:00:0	108.7	182.6	0.16	131.4	6.6	1.2	0.00	0.06	1.8	82.6	0.0	17.4	0.0
3/5/2005 11:00:0	100.5	168.8	0.02	127.0	11.0	1.3	0.00	0.11	1.7	78.3	0.0	16.5	5.2
3/5/2005 12:00:0	97.1	163.1	0.00	170.8	6.6	1.8	0.00	0.07	1.5	77.6	0.0	16.3	6.1
3/5/2005 13:00:0	99.6	167.3	0.00	163.0	8.3	1.6	0.00	0.08	1.6	77.2	0.0	16.2	6.6
3/5/2005 14:00:0	103.5	173.9	0.00	144.2	7.8	1.4	0.00	0.08	1.6	77.3	0.0	16.2	6.5
3/5/2005 15:00:0	108.7	182.6	0.05	92.1	8.3	0.8	0.00	0.08	1.6	77.2	0.0	16.2	6.5
3/5/2005 16:00:0	109.4	183.8	0.04	88.0	7.5	0.8	0.00	0.07	1.6	77.2	0.0	16.2	6.6
3/5/2005 17:00:0	109.4	183.8	0.10	90.3	7.8	0.8	0.00	0.07	2.2	72.2	0.0	21.5	6.4
3/5/2005 18:00:0	109.4	183.8	0.13	128.5	5.9	1.2	0.00	0.05	2.1	71.9	0.0	21.4	6.6
3/5/2005 19:00:0	109.9	184.6	0.12	140.9	7.5	1.3	0.00	0.07	2.2	72.2	0.0	21.5	6.4
3/5/2005 20:00:0	110.0	184.8	0.07	119.3	7.0	1.1	0.00	0.06	2.3	72.2	0.0	21.5	6.4
3/5/2005 21:00:0	110.0	184.8	0.12	103.7	7.2	0.9	0.00	0.07	2.3	72.2	0.0	21.5	6.4
3/5/2005 22:00:0	107.3	180.3	0.31	130.8	8.0	1.2	0.00	0.08	2.3	72.3	0.0	21.5	6.2
3/5/2005 23:00:0	108.1	181.6	0.25	147.9	6.5	1.4	0.00	0.06	2.3	72.2	0.0	21.5	6.3
3/6/2005 0:00:01	110.0	184.8	0.21	115.7	7.2	1.1	0.00	0.07	2.4	72.2	0.0	21.5	6.3
3/6/2005 9:00:01	69.8	117.3	0.08	208.5	13.1	3.0	0.00	0.04	2.1	77.1	0.0	22.9	0.0
3/6/2005 10:00:0	83.3	139.9	0.09	265.3	14.3	3.2	0.00	0.05	2.2	73.6	0.0	21.9	4.5
3/6/2005 11:00:0	89.7	150.7	0.05	229.0	15.4	2.6	0.00	0.06	2.8	67.2	0.0	26.7	6.1
3/6/2005 12:00:0	99.8	167.7	0.13	194.3	15.5	1.9	0.00	0.05	2.8	71.6	0.0	28.4	0.0
3/6/2005 13:00:0	104.3	175.2	0.06	190.4	15.6	1.8	0.00	0.05	2.8	66.7	0.0	26.5	6.8
3/6/2005 14:00:0	105.6	177.4	0.06	178.6	15.5	1.7	0.00	0.05	2.8	67.3	0.0	26.7	6.0
3/6/2005 15:00:0	102.2	171.7	0.06	188.2	16.5	1.9	0.00	0.07	2.8	71.6	0.0	28.4	0.0

3/6/2005 16:00:0	103.8	174.4	0.03	209.2	7.0	2.0	0.00	0.07	2.8	71.6	0.0	28.4	0.0
3/6/2005 17:00:0	104.0	174.7	0.00	160.6	27.0	1.5	0.00	0.26	2.8	67.3	0.0	26.7	6.0
3/6/2005 18:00:0	104.8	176.1	0.00	158.3	15.2	1.5	0.00	0.14	2.8	71.6	0.0	28.4	0.0
3/6/2005 19:00:0	106.7	179.3	0.02	208.4	6.2	2.0	0.00	0.06	2.8	71.6	0.0	28.4	0.0
3/6/2005 20:00:0	109.4	183.8	0.18	200.3	5.3	1.8	0.00	0.05	2.9	67.6	0.0	26.8	5.6
3/6/2005 21:00:0	109.4	183.8	0.25	140.0	11.2	1.3	0.00	0.10	2.9	67.5	0.0	26.8	5.7
3/6/2005 22:00:0	109.4	183.8	0.21	165.3	6.5	1.5	0.00	0.06	2.9	67.3	0.0	26.7	5.9
3/9/2005 7:00:01	107.0	179.8	2.18	209.6	8.4	2.0	0.02	0.08	1.8	76.9	0.0	16.2	6.9
3/9/2005 8:00:01	105.8	177.7	0.86	198.9	7.2	1.9	0.01	0.07	1.8	76.9	0.0	16.2	6.9
3/9/2005 9:00:01	107.0	179.8	0.94	203.4	6.8	1.9	0.01	0.06	1.8	76.9	0.0	16.2	6.9
3/9/2005 10:00:0	106.9	179.6	1.12	181.5	7.8	1.7	0.01	0.07	1.8	77.0	0.0	16.2	6.9
3/9/2005 11:00:0	106.9	179.6	1.23	186.3	6.8	1.7	0.01	0.06	1.8	77.1	0.0	16.2	6.8
3/9/2005 12:00:0	106.9	179.6	0.91	131.9	13.3	1.2	0.01	0.12	1.8	77.1	0.0	16.2	6.7
3/9/2005 13:00:0	107.0	179.8	1.11	166.2	10.2	1.6	0.01	0.10	1.8	76.9	0.0	16.2	6.9
3/9/2005 14:00:0	107.0	179.8	0.86	157.5	9.9	1.5	0.01	0.09	1.8	77.0	0.0	16.2	6.8
3/9/2005 15:00:0	107.0	179.8	0.77	158.8	7.9	1.5	0.01	0.07	1.7	77.0	0.0	16.2	6.9
3/9/2005 16:00:0	106.9	179.6	0.83	155.5	8.0	1.5	0.01	0.07	1.7	76.9	0.0	16.2	7.0
3/9/2005 17:00:0	107.0	179.8	0.85	167.2	7.5	1.6	0.01	0.07	1.7	82.6	0.0	17.4	0.0
3/9/2005 18:00:0	108.5	182.3	0.96	175.9	7.8	1.6	0.01	0.07	1.7	82.6	0.0	17.4	0.0
3/9/2005 19:00:0	108.7	182.6	1.03	162.0	9.1	1.5	0.01	0.08	1.8	77.1	0.0	16.2	6.8
3/9/2005 20:00:0	108.7	182.6	0.73	151.8	9.7	1.4	0.01	0.09	1.7	77.0	0.0	16.2	6.8
3/9/2005 21:00:0	108.7	182.6	0.87	166.6	7.2	1.5	0.01	0.07	1.7	76.8	0.0	16.1	7.1
3/9/2005 22:00:0	108.7	182.6	0.85	171.4	7.3	1.6	0.01	0.07	1.7	76.9	0.0	16.2	6.9
3/9/2005 23:00:0	106.7	179.3	0.82	207.3	7.0	1.9	0.01	0.07	1.8	76.7	0.0	16.1	7.1
3/10/2005 0:00:0	107.0	179.8	1.07	168.4	8.1	1.6	0.01	0.08	1.8	77.0	0.0	16.2	6.8
3/10/2005 1:00:0	108.7	182.6	1.17	198.2	7.9	1.8	0.01	0.07	1.7	77.0	0.0	16.2	6.8
3/10/2005 2:00:0	104.2	175.1	1.11	237.0	8.7	2.3	0.01	0.08	1.8	76.9	0.0	16.2	7.0
3/10/2005 3:00:0	109.1	183.3	1.19	236.6	8.3	2.2	0.01	0.08	1.7	76.9	0.0	16.2	7.0
3/10/2005 4:00:0	109.1	183.3	1.26	231.9	8.4	2.1	0.01	0.08	1.7	77.0	0.0	16.2	6.8
3/10/2005 5:00:0	108.7	182.6	1.28	212.0	9.0	1.9	0.01	0.08	1.7	77.0	0.0	16.2	6.9
3/10/2005 6:00:0	108.7	182.6	1.14	182.3	10.2	1.7	0.01	0.09	1.7	77.0	0.0	16.2	6.9
3/10/2005 7:00:0	108.5	182.3	0.99	214.5	8.6	2.0	0.01	0.08	2.2	71.8	0.0	21.4	6.8
3/10/2005 8:00:0	104.6	175.7	0.46	238.8	9.9	2.3	0.00	0.09	2.5	77.1	0.0	22.9	0.0
3/10/2005 9:00:0	105.6	177.4	0.35	282.6	7.8	2.7	0.00	0.07	2.2	71.7	0.0	21.3	6.9
3/10/2005 10:00:0	107.2	180.1	0.29	239.5	7.5	2.2	0.00	0.07	2.2	71.9	0.0	21.4	6.7
3/10/2005 11:00:0	108.3	181.9	0.22	243.7	7.3	2.3	0.00	0.07	2.3	71.8	0.0	21.4	6.8
3/10/2005 12:00:0	105.4	177.1	0.31	258.4	7.2	2.5	0.00	0.07	2.4	77.1	0.0	22.9	0.0

3/10/2005 13:00	106.8	179.4	0.45	243.0	8.0	2.3	0.00	0.07	2.3	72.1	0.0	21.5	6.4
3/10/2005 14:00	110.2	185.1	0.87	207.1	8.5	1.9	0.01	0.08	2.3	72.0	0.0	21.4	6.6
3/10/2005 15:00	109.6	184.1	0.78	215.0	7.8	2.0	0.01	0.07	2.3	71.9	0.0	21.4	6.7
3/10/2005 16:00	107.5	180.6	0.56	188.3	9.5	1.8	0.01	0.09	2.2	71.7	0.0	21.3	7.0
3/10/2005 17:00	95.1	159.8	0.47	216.3	10.9	2.3	0.00	0.11	2.4	77.1	0.0	22.9	0.0
3/10/2005 18:00	100.7	169.2	0.46	264.3	6.7	2.7	0.00	0.07	1.8	77.1	0.0	16.2	6.7
3/10/2005 19:00	108.8	182.8	0.69	202.1	7.5	1.9	0.01	0.07	1.8	76.8	0.0	16.1	7.0
3/10/2005 20:00	108.8	182.8	0.56	208.4	7.5	1.9	0.01	0.07	1.8	76.8	0.0	16.1	7.0
3/10/2005 21:00	109.0	183.1	0.38	206.4	7.6	1.9	0.00	0.07	1.8	77.0	0.0	16.2	6.9
3/10/2005 22:00	108.8	182.8	0.33	201.7	7.7	1.9	0.00	0.07	1.8	76.8	0.0	16.1	7.0
3/10/2005 23:00	108.7	182.6	0.50	145.1	10.1	1.3	0.00	0.09	1.8	77.0	0.0	16.2	6.8
3/11/2005 0:00:0	108.7	182.6	0.74	192.0	9.1	1.8	0.01	0.08	1.8	77.0	0.0	16.2	6.8
3/11/2005 1:00:0	106.7	179.3	0.49	201.0	9.7	1.9	0.00	0.09	1.8	77.1	0.0	16.2	6.7
3/11/2005 2:00:0	104.8	176.1	0.48	184.0	7.5	1.8	0.00	0.07	1.8	76.9	0.0	16.2	6.9
3/11/2005 3:00:0	108.2	181.8	0.73	188.0	8.0	1.7	0.01	0.07	1.8	77.0	0.0	16.2	6.9
3/11/2005 4:00:0	102.2	171.7	0.61	245.6	7.1	2.4	0.01	0.07	1.8	76.9	0.0	16.2	6.9
3/11/2005 5:00:0	103.8	174.4	0.86	238.1	7.7	2.3	0.01	0.07	1.8	76.9	0.0	16.2	6.9
3/11/2005 6:00:0	108.5	182.3	1.13	187.8	8.7	1.7	0.01	0.08	1.8	77.1	0.0	16.2	6.7
3/11/2005 7:00:0	108.7	182.6	0.90	208.2	8.3	1.9	0.01	0.08	1.8	76.9	0.0	16.2	6.9
3/11/2005 8:00:0	108.9	183.0	0.06	223.6	8.0	2.1	0.00	0.07	1.8	77.2	0.0	16.2	6.6
3/11/2005 9:00:0	109.1	183.3	0.04	167.3	8.8	1.5	0.00	0.08	1.8	76.9	0.0	16.2	6.9
3/11/2005 10:00	109.0	183.1	0.06	153.9	9.4	1.4	0.00	0.09	1.8	77.0	0.0	16.2	6.8
3/11/2005 11:00	109.0	183.1	0.04	193.6	7.7	1.8	0.00	0.07	1.7	76.8	0.0	16.1	7.0
3/11/2005 12:00	107.0	179.8	0.01	219.0	7.6	2.0	0.00	0.07	2.4	71.8	0.0	21.4	6.9
3/11/2005 13:00	109.0	183.1	0.02	245.5	7.3	2.3	0.00	0.07	2.3	71.7	0.0	21.3	6.9
3/11/2005 14:00	108.7	182.6	0.01	225.9	7.5	2.1	0.00	0.07	2.3	71.9	0.0	21.4	6.7
3/11/2005 15:00	108.4	182.1	0.01	221.0	7.4	2.0	0.00	0.07	2.3	71.8	0.0	21.4	6.8
3/11/2005 16:00	109.0	183.1	0.02	199.7	7.7	1.8	0.00	0.07	2.3	71.7	0.0	21.3	7.0
3/11/2005 17:00	108.4	182.1	0.01	187.4	7.7	1.7	0.00	0.07	2.3	71.9	0.0	21.4	6.7
3/11/2005 18:00	101.5	170.5	0.01	221.0	6.8	2.2	0.00	0.07	2.3	72.3	0.0	21.5	6.2
3/11/2005 19:00	102.6	172.4	0.00	272.4	7.2	2.7	0.00	0.07	2.3	72.6	0.0	21.6	5.8
3/11/2005 20:00	105.2	176.7	0.00	241.8	7.5	2.3	0.00	0.07	2.3	72.6	0.0	21.6	5.8
3/11/2005 21:00	105.1	176.6	0.00	224.8	7.6	2.1	0.00	0.07	2.3	72.5	0.0	21.6	5.9
3/11/2005 22:00	105.2	176.7	0.00	242.0	7.3	2.3	0.00	0.07	2.3	72.4	0.0	21.6	6.0
3/11/2005 23:00	105.2	176.7	0.00	248.4	6.9	2.4	0.00	0.07	2.3	72.5	0.0	21.6	5.9
3/12/2005 0:00:0	105.2	176.7	0.00	228.7	7.1	2.2	0.00	0.07	2.3	72.5	0.0	21.6	5.9
3/12/2005 1:00:0	105.2	176.7	0.00	244.6	6.8	2.3	0.00	0.06	2.3	72.5	0.0	21.6	5.9

3/12/2005 2:00:0	105.2	176.7	0.00	233.6	7.1	2.2	10.00	0.07	2.3	72.5	0.0	21.6	5.9
3/12/2005 3:00:0	105.2	176.7	0.00	223.8	7.7	2.1	0.00	0.07	2.3	72.5	0.0	21.6	5.9
3/12/2005 4:00:0	105.2	176.7	0.01	238.5	7.6	2.3	0.00	0.07	2.3	72.6	0.0	21.6	5.8
3/12/2005 5:00:0	105.2	176.7	0.00	251.1	6.9	2.4	0.00	0.07	2.3	72.6	0.0	21.6	5.8
3/12/2005 6:00:0	105.2	176.7	0.00	215.3	6.8	2.0	0.00	0.06	2.3	72.6	0.0	21.6	5.8
3/12/2005 7:00:0	102.3	171.9	0.00	209.0	6.7	2.0	0.00	0.07	2.3	72.4	0.0	21.5	6.1
3/12/2005 8:00:0	101.3	170.2	0.08	215.4	6.8	2.1	0.00	0.07	2.3	72.5	0.0	21.6	5.9
3/12/2005 9:00:0	103.6	174.0	0.11	239.4	6.8	2.3	0.00	0.07	2.3	72.6	0.0	21.6	5.7
3/12/2005 10:00:0	104.8	176.1	0.27	235.5	6.8	2.2	0.00	0.07	2.3	72.6	0.0	21.6	5.7
3/12/2005 11:00:0	105.3	176.9	0.26	234.6	6.8	2.2	0.00	0.06	2.3	72.5	0.0	21.6	5.9
3/12/2005 12:00:0	104.5	175.6	0.22	189.2	6.8	1.8	0.00	0.06	2.3	77.1	0.0	22.9	0.0
3/12/2005 13:00:0	85.7	144.0	1.14	152.5	29.9	1.8	0.15	0.36	1.7	71.8	0.0	21.4	6.8
3/12/2005 14:00:0	83.7	140.6	0.14	228.2	5.1	2.7	0.00	0.06	2	72.1	0.0	21.4	6.5
3/12/2005 15:00:0	98.3	165.1	0.26	197.7	6.4	2.0	10.00	0.07	2.8	67.2	0.0	26.7	6.2
3/12/2005 16:00:0	102.0	171.4	0.22	196.8	6.7	1.9	0.00	0.07	2.8	67.4	0.0	26.7	5.9
3/12/2005 17:00:0	103.7	174.2	0.24	205.6	6.9	2.0	0.00	0.07	2.9	67.4	0.0	26.7	5.9
3/12/2005 18:00:0	104.5	175.6	0.32	190.5	9.0	1.8	0.00	0.09	2.9	71.6	0.0	28.4	0.0
3/12/2005 19:00:0	103.9	174.6	0.31	240.7	7.0	2.3	0.00	0.07	2.9	71.6	0.0	28.4	0.0
3/12/2005 20:00:0	63.5	106.7	0.06	174.3	2.3	2.0	0.00	0.07	2.9	71.6	0.0	28.4	0.0
3/12/2005 22:00:0	63.7	107.0	0.05	108.6	8.3	1.8	0.00	0.12	2.4	66.5	0.0	26.4	7.1
3/12/2005 23:00:0	80.4	135.1	0.31	170.7	7.5	2.1	0.00	0.09	2.8	71.6	0.0	28.4	0.0
3/13/2005 0:00:0	83.1	139.6	0.21	191.3	15.6	2.3	0.00	0.20	2.5	71.6	0.0	28.4	0.0
3/13/2005 1:00:0	80.2	134.7	0.11	155.0	5.9	1.9	0.00	0.07	2.6	68.3	0.0	27.1	4.7
3/13/2005 2:00:0	92.1	154.7	0.29	142.3	7.4	1.5	0.00	0.08	2.7	68.2	0.0	27.1	4.7
3/13/2005 3:00:0	97.5	163.8	0.12	174.3	6.9	1.8	0.00	0.07	2.8	67.6	0.0	26.8	5.6
3/13/2005 4:00:0	101.0	169.7	0.10	183.0	7.0	1.8	0.00	0.07	2.9	67.4	0.0	26.7	5.9
3/13/2005 5:00:0	102.5	172.2	0.15	187.0	7.6	1.8	0.00	0.07	2.9	68.4	0.0	27.1	4.4
3/13/2005 6:00:0	104.3	175.2	0.27	207.7	7.5	2.0	0.00	0.07	2.9	67.3	0.0	26.7	5.9
3/13/2005 7:00:0	103.8	174.4	0.28	188.0	7.2	1.8	0.00	0.07	2.3	72.6	0.0	21.6	5.8
3/13/2005 8:00:0	105.9	177.9	0.01	151.4	7.9	1.4	0.00	0.07	2.4	72.4	0.0	21.6	6.0
3/13/2005 9:00:0	105.2	176.7	0.01	143.9	7.8	1.4	0.00	0.07	2.4	72.6	0.0	21.6	5.8
3/13/2005 10:00:0	106.7	179.3	0.08	182.2	7.6	1.7	0.00	0.07	2.3	72.5	0.0	21.6	6.0
3/13/2005 11:00:0	99.4	167.0	0.03	260.5	6.5	2.6	0.00	0.07	2.3	77.1	0.0	22.9	0.0
3/13/2005 12:00:0	94.9	159.4	0.01	301.3	6.0	3.2	0.00	0.06	2.4	77.1	0.0	22.9	0.0
3/13/2005 13:00:0	101.1	169.8	0.06	327.4	6.5	3.2	0.00	0.06	2.4	77.1	0.0	22.9	0.0
3/13/2005 14:00:0	105.1	176.6	0.10	304.0	7.1	2.9	0.00	0.07	2.5	72.5	0.0	21.6	6.0
3/13/2005 15:00:0	105.1	176.6	0.10	214.5	8.2	2.0	10.00	0.08	2.4	72.4	0.0	21.5	6.1

3/13/2005 16:00:00	104.9	176.2	0.09	216.4	13.6	2.1	0.00	0.13	2.5	72.5	0.0	21.6	5.9
3/13/2005 17:00:00	100.4	168.7	0.01	264.7	6.4	2.6	0.00	0.06	2.5	77.1	0.0	22.9	0.0
3/13/2005 18:00:00	107.0	179.8	0.06	251.0	7.0	2.3	0.00	0.07	2.3	72.5	0.0	21.6	5.9
3/13/2005 19:00:00	107.0	179.8	0.07	243.4	6.9	2.3	0.00	0.06	2.4	72.6	0.0	21.6	5.8
3/13/2005 20:00:00	104.1	174.9	0.08	213.3	6.8	2.1	0.00	0.07	2.4	72.6	0.0	21.6	5.7
3/13/2005 21:00:00	102.2	171.7	0.11	221.2	6.9	2.2	0.00	0.07	2.4	72.2	0.0	21.5	6.4
3/13/2005 22:00:00	102.5	172.2	0.09	247.1	7.3	2.4	0.00	0.07	2.4	72.2	0.0	21.5	6.4
3/13/2005 23:00:00	104.3	175.2	0.10	232.6	7.5	2.2	0.00	0.07	2.4	72.3	0.0	21.5	6.2
3/14/2005 0:00:00	104.6	175.7	0.10	217.9	7.6	2.1	0.00	0.07	2.4	72.3	0.0	21.5	6.2
3/14/2005 1:00:00	105.2	176.7	0.09	218.2	7.6	2.1	0.00	0.07	2.4	72.2	0.0	21.5	6.4
3/14/2005 2:00:00	105.2	176.7	0.14	182.2	8.6	1.7	0.00	0.08	2.4	72.2	0.0	21.5	6.4
3/14/2005 3:00:00	105.2	176.7	0.25	211.0	8.1	2.0	0.00	0.08	2.4	72.2	0.0	21.5	6.3
3/14/2005 4:00:00	105.4	177.1	0.25	193.4	8.6	1.8	0.00	0.08	2.5	72.3	0.0	21.5	6.2
3/14/2005 5:00:00	105.8	177.7	0.12	141.4	12.3	1.3	0.00	0.12	2.4	72.3	0.0	21.5	6.2
3/14/2005 6:00:00	105.8	177.7	0.22	163.7	10.1	1.5	0.00	0.10	2.4	72.1	0.0	21.5	6.4
3/14/2005 7:00:00	105.8	177.7	0.39	210.9	8.3	2.0	0.00	0.08	2.4	72.1	0.0	21.5	6.4
3/14/2005 8:00:00	105.8	177.7	1.03	213.8	8.3	2.0	0.01	0.08	2.3	72.2	0.0	21.5	6.4
3/14/2005 9:00:00	105.8	177.7	0.91	206.9	8.2	2.0	0.01	0.08	2.3	77.1	0.0	22.9	0.0
3/14/2005 10:00:00	106.0	178.1	0.86	176.1	9.0	1.7	0.01	0.08	3.5	62.3	0.0	31.6	6.1
3/14/2005 11:00:00	106.8	179.4	1.19	201.3	8.8	1.9	0.01	0.08	3.4	61.8	0.0	31.4	6.9
3/14/2005 12:00:00	107.0	179.8	1.10	223.6	9.1	2.1	0.01	0.09	3.4	61.8	0.0	31.4	6.8
3/14/2005 13:00:00	106.5	178.9	0.89	179.7	8.8	1.7	0.01	0.08	3.3	61.8	0.0	31.4	6.8
3/14/2005 14:00:00	106.6	179.1	0.90	191.1	8.5	1.8	0.01	0.08	3.4	62.0	0.0	31.5	6.6
3/14/2005 15:00:00	106.0	178.1	1.06	150.0	9.9	1.4	0.01	0.09	3.3	61.8	0.0	31.4	6.9
3/14/2005 16:00:00	107.3	180.3	0.72	193.7	8.5	1.8	0.01	0.08	3.3	62.0	0.0	31.5	6.6
3/14/2005 17:00:00	106.9	179.6	0.95	193.9	8.3	1.8	0.01	0.08	3.3	62.0	0.0	31.5	6.6
3/14/2005 18:00:00	105.9	177.9	0.91	170.8	8.5	1.6	0.01	0.08	3.4	61.9	0.0	31.4	6.7
3/14/2005 19:00:00	106.2	178.4	0.83	193.3	8.5	1.8	0.01	0.08	3.4	61.6	0.0	31.6	6.8
3/14/2005 20:00:00	106.0	178.1	0.95	208.0	8.6	2.0	0.01	0.08	3.4	61.7	0.0	31.6	6.7
3/14/2005 21:00:00	105.2	176.7	0.94	191.1	8.3	1.8	0.01	0.08	3.4	61.7	0.0	31.7	6.6
3/14/2005 22:00:00	105.7	177.6	1.08	197.0	8.6	1.9	0.01	0.08	3.4	61.6	0.0	31.6	6.8
3/14/2005 23:00:00	104.7	175.9	0.85	218.0	8.1	2.1	0.01	0.08	3.4	61.4	0.0	31.8	6.8
3/15/2005 0:00:00	102.6	172.4	0.96	211.9	8.1	2.1	0.01	0.08	3.4	61.4	0.0	31.8	6.8
3/15/2005 1:00:00	103.3	173.5	0.88	207.8	8.3	2.0	0.01	0.08	3.4	61.5	0.0	31.8	6.7
3/15/2005 2:00:00	106.0	178.1	0.95	161.3	8.8	1.5	0.01	0.08	3.4	61.6	0.0	31.9	6.5
3/15/2005 3:00:00	105.8	177.7	1.08	168.8	8.8	1.6	0.01	0.08	3.4	61.5	0.0	31.9	6.6
3/15/2005 4:00:00	105.3	176.9	0.65	181.5	8.6	1.7	0.01	0.08	3	64.7	0.0	28.5	6.9

3/15/2005 5:00:0	104.8	176.1	0.77	162.5	8.6	1.6	0.01	0.08	3	64.7	0.0	28.5	6.8
3/15/2005 6:00:0	105.0	176.4	0.78	168.9	8.6	1.6	0.01	0.08	3	64.7	0.0	28.5	6.8
3/15/2005 7:00:0	104.0	174.7	0.87	207.0	8.0	2.0	0.01	0.08	3.2	64.8	0.0	28.5	6.7
3/15/2005 8:00:0	104.0	174.7	0.12	205.3	8.1	2.0	0.00	0.08	3.1	64.7	0.0	28.5	6.9
3/15/2005 9:00:0	107.1	179.9	0.24	158.1	8.3	1.5	0.00	0.08	3.1	69.4	0.0	30.6	0.0
3/15/2005 10:00:0	104.8	176.1	0.11	175.6	7.6	1.7	0.00	0.07	3.1	69.4	0.0	30.6	0.0
3/15/2005 11:00:0	93.0	156.2	0.02	219.9	6.5	2.4	0.00	0.07	3.1	69.4	0.0	30.6	0.0
3/15/2005 12:00:0	104.2	175.1	0.10	228.9	7.6	2.2	0.00	0.07	3	64.5	0.0	28.4	7.1
3/15/2005 13:00:0	102.4	172.0	0.05	223.1	7.3	2.2	0.00	0.07	3	64.5	0.0	28.4	7.2
3/15/2005 14:00:0	101.0	169.7	0.01	243.4	7.3	2.4	0.00	0.07	3	64.5	0.0	28.4	7.2
3/15/2005 15:00:0	104.8	176.1	0.08	267.7	7.7	2.6	0.00	0.07	3	64.5	0.0	28.4	7.2
3/15/2005 16:00:0	107.0	179.8	0.15	231.3	7.8	2.2	0.00	0.07	3	64.7	0.0	28.5	6.8
3/15/2005 17:00:0	106.9	179.6	0.09	240.9	8.0	2.3	0.00	0.07	3	69.4	0.0	30.6	0.0
3/15/2005 18:00:0	107.0	179.8	0.06	259.7	7.7	2.4	0.00	0.07	3	69.4	0.0	30.6	0.0
3/15/2005 19:00:0	107.0	179.8	0.06	252.9	7.6	2.4	0.00	0.07	3.1	64.6	0.0	28.5	6.9
3/15/2005 20:00:0	105.8	177.7	0.07	263.5	6.8	2.5	0.00	0.06	3.1	64.8	0.0	28.5	6.7
3/15/2005 21:00:0	106.2	178.4	0.05	226.5	6.8	2.1	0.00	0.06	3.1	64.9	0.0	28.6	6.6
3/15/2005 22:00:0	106.0	178.1	0.10	173.6	7.3	1.6	0.00	0.07	3.1	64.6	0.0	28.5	6.9
3/15/2005 23:00:0	106.5	178.9	0.07	206.6	6.7	1.9	0.00	0.06	3.1	64.8	0.0	28.6	6.6
3/16/2005 0:00:0	105.8	177.7	0.05	172.2	6.5	1.6	0.00	0.06	3.1	64.9	0.0	28.6	6.5
3/16/2005 1:00:0	105.5	177.2	0.08	144.6	6.4	1.4	0.00	0.06	3.2	64.9	0.0	28.6	6.6
3/16/2005 2:00:0	104.6	175.7	0.09	153.4	6.2	1.5	0.00	0.06	3.2	64.8	0.0	28.6	6.6
3/16/2005 3:00:0	105.4	177.1	0.05	188.3	6.2	1.8	0.00	0.06	3.2	64.9	0.0	28.6	6.5
3/16/2005 4:00:0	106.1	178.2	0.04	155.3	6.4	1.5	0.00	0.06	3.2	64.7	0.0	28.5	6.8
3/16/2005 5:00:0	106.6	179.1	0.03	114.7	6.2	1.1	0.00	0.06	3.2	64.8	0.0	28.5	6.7
3/16/2005 6:00:0	106.3	178.6	0.01	118.3	6.5	1.1	0.00	0.06	3.2	64.8	0.0	28.5	6.7
3/16/2005 7:00:0	104.8	176.1	0.01	154.4	5.9	1.5	0.00	0.06	3.2	64.7	0.0	28.5	6.8
3/16/2005 23:00:0	75.9	127.5	0.00	271.0	4.8	3.6	0.00	0.06	3	67.3	0.0	32.7	0.0
3/17/2005 0:00:0	96.1	161.4	0.00	203.5	5.7	2.2	0.00	0.06	3.3	67.3	0.0	32.7	0.0
3/17/2005 1:00:0	104.6	175.7	0.00	165.5	6.0	1.6	0.00	0.06	3.4	65.3	0.0	31.8	2.9
3/17/2005 2:00:0	104.3	175.2	0.00	148.5	5.8	1.4	0.00	0.06	3.4	64.2	0.0	31.2	4.5
3/17/2005 3:00:0	91.9	154.4	0.00	201.0	4.8	2.2	0.00	0.05	3.4	63.9	0.0	31.1	5.0
3/17/2005 4:00:0	84.5	142.0	0.00	209.0	4.7	2.4	0.00	0.06	3.2	63.4	0.0	30.8	5.8
3/17/2005 5:00:0	102.3	171.9	0.00	167.5	5.5	1.6	0.00	0.05	3.1	69.4	0.0	30.6	0.0
3/17/2005 6:00:0	103.6	174.0	0.00	190.7	5.4	1.8	0.00	0.05	3.1	66.1	0.0	29.1	4.8
3/17/2005 7:00:0	103.2	173.4	0.00	145.9	5.6	1.4	0.00	0.05	3.1	65.6	0.0	28.9	5.5
3/17/2005 8:00:0	100.6	169.0	0.00	147.2	9.3	1.5	0.00	0.09	3.1	67.1	0.0	29.5	3.4

3/17/2005 9:00:0	98.5	165.5	0.00	101.1	20.5	1.0	0.00	0.21
3/17/2005 10:00:0	99.7	167.5	0.00	122.3	13.1	1.2	0.00	0.13
3/17/2005 11:00:0	99.9	167.8	0.00	128.6	9.5	1.3	0.00	0.09
3/17/2005 12:00:0	101.9	171.2	0.00	140.9	9.6	1.4	0.00	0.09
3/17/2005 13:00:0	102.2	171.7	0.00	116.7	9.1	1.1	0.00	0.09
3/17/2005 14:00:0	102.2	171.7	0.00	108.4	9.2	1.1	0.00	0.09
3/17/2005 15:00:0	103.4	173.7	0.00	123.0	13.2	1.2	0.00	0.13
3/17/2005 16:00:0	102.9	172.9	0.00	127.1	9.3	1.2	0.00	0.09
3/17/2005 17:00:0	72.3	121.5	0.00	176.7	4.3	2.8	0.00	0.07
3/17/2005 18:00:0	84.7	142.3	0.00	146.8	10.1	1.8	0.00	0.12
3/17/2005 19:00:0	97.3	163.5	0.00	124.8	20.3	1.3	0.00	0.21
3/17/2005 20:00:0	78.0	131.0	0.00	185.5	13.2	2.4	0.00	0.19
3/17/2005 21:00:0	90.2	151.5	0.00	136.8	5.6	3.5	0.00	0.06
3/17/2005 22:00:0	93.6	157.2	0.00	262.9	9.0	2.8	0.00	0.10
3/17/2005 23:00:0	73.5	123.5	0.00	156.4	4.0	2.7	0.00	0.06
3/18/2005 0:00:0	94.8	159.3	0.00	149.4	7.0	1.6	0.00	0.07
3/18/2005 1:00:0	100.8	169.3	0.00	166.8	6.9	1.7	0.00	0.07
3/18/2005 2:00:0	101.5	170.5	0.00	149.3	7.2	1.5	0.00	0.07
3/18/2005 3:00:0	95.7	160.8	0.00	173.7	5.9	1.8	0.00	0.06
3/18/2005 4:00:0	92.0	154.6	0.00	207.8	5.4	2.3	0.00	0.06
3/18/2005 5:00:0	93.8	157.6	0.00	240.3	5.8	2.6	0.00	0.06
3/18/2005 6:00:0	97.1	163.1	0.00	221.7	7.5	2.3	0.00	0.08
3/18/2005 7:00:0	98.5	165.5	0.00	139.3	29.3	1.4	0.00	0.30
3/18/2005 8:00:0	100.4	168.7	0.00	237.3	7.9	2.4	0.00	0.08
3/18/2005 9:00:0	100.4	168.7	0.00	227.5	7.9	2.3	0.00	0.08
3/18/2005 10:00:0	103.4	173.7	0.00	198.9	5.9	1.9	0.00	0.06
3/18/2005 11:00:0	105.8	177.7	0.00	162.7	6.2	1.5	0.00	0.06
3/18/2005 12:00:0	106.2	178.4	0.00	200.4	6.7	1.9	0.00	0.06
3/18/2005 13:00:0	103.3	173.5	0.00	176.3	6.1	1.7	0.00	0.06
3/18/2005 14:00:0	102.7	172.5	0.00	191.3	5.2	1.9	0.00	0.05
3/18/2005 15:00:0	94.9	159.4	0.00	146.4	11.0	1.5	0.00	0.12
3/18/2005 16:00:0	94.4	158.6	0.00	135.1	10.5	1.4	0.00	0.11
3/18/2005 17:00:0	99.4	167.0	0.00	141.2	15.6	1.4	0.00	0.16
3/18/2005 18:00:0	101.0	169.7	0.00	177.9	5.1	1.8	0.00	0.05
3/18/2005 19:00:0	101.0	169.7	0.00	145.8	5.1	1.4	0.00	0.05
3/18/2005 20:00:0	101.0	169.7	0.00	167.5	5.2	1.7	0.00	0.05
3/18/2005 21:00:0	101.0	169.7	0.00	174.2	6.0	1.7	0.00	0.06

3	67.0	0.0	29.5	3.5
3.1	66.3	0.0	29.2	4.5
2.9	68.4	0.0	27.1	4.5
2.9	68.5	0.0	27.2	4.4
2.9	68.5	0.0	27.2	4.3
2.8	68.0	0.0	27.0	5.1
2.8	68.1	0.0	27.0	4.9
2.7	68.7	0.0	27.3	4.1
2.6	68.7	0.0	27.3	4.0
2.6	69.3	0.0	27.5	3.2
2.6	71.6	0.0	28.4	0.0
2.6	71.6	0.0	28.4	0.0
2.9	71.6	0.0	28.4	0.0
2.9	67.9	0.0	27.0	5.1
2.5	67.4	0.0	26.7	5.9
2.8	68.0	0.0	27.0	5.0
3.2	63.4	0.0	30.8	5.8
3.2	67.3	0.0	32.7	0.0
3.2	67.3	0.0	32.7	0.0
3.2	67.3	0.0	32.7	0.0
3.2	67.3	0.0	32.7	0.0
3.2	67.3	0.0	32.7	0.0
3.2	67.3	0.0	32.7	0.0
3.2	67.3	0.0	32.7	0.0
3.2	62.8	0.0	30.5	6.7
3.1	62.7	0.0	30.5	6.7
3.2	62.7	0.0	30.5	6.8
3.7	67.3	0.0	32.7	0.0
3.4	62.7	0.0	30.5	6.8
3.2	62.6	0.0	30.4	6.9
3.2	62.8	0.0	30.5	6.7
3.2	62.7	0.0	30.5	6.8
3.1	63.0	0.0	30.6	6.3
3.1	62.6	0.0	30.5	6.9
3.1	62.7	0.0	30.5	6.8
3.2	62.9	0.0	30.6	6.5
3.3	62.8	0.0	30.5	6.7
3.2	62.8	0.0	30.6	6.6

3/18/2005 22:00:	68.1	114.4	0.00	131.1	3.2	2.0	0.00	0.05	3.2	67.3	0.0	32.7	0.0	
3/18/2005 23:00:	70.3	118.1	0.00	133.3	3.0	1.9	0.00	0.04	2.9	67.3	0.0	32.7	0.0	
3/19/2005 0:00:0	74.4	125.0	0.00	139.5	3.5	2.3	0.00	0.05	2.9	67.3	0.0	32.7	0.0	
3/19/2005 1:00:0	73.9	124.2	0.00	141.4	3.3	2.5	0.00	0.04	2.8	67.3	0.0	32.7	0.0	
3/19/2005 2:00:0	71.3	119.8	0.00	145.1	3.2	2.7	0.00	0.05	2.8	67.3	0.0	32.7	0.0	
3/19/2005 3:00:0	53.6	90.0	0.00	174.8	1.9	1.6	0.00	0.04	2.8	67.3	0.0	32.7	0.0	
3/20/2005 2:00:0	63.2	106.2	0.00	192.9	3.2	3.1	0.00	0.05	0.5	94.1	0.0	5.9	0.0	
3/20/2005 3:00:0	76.5	128.5	0.00	264.2	3.8	3.5	0.00	0.05	0.5	94.1	0.0	5.9	0.0	
3/20/2005 4:00:0	83.0	139.1	0.00	185.2	7.0	2.2	0.00	0.08	0.6	89.2	0.0	5.6	5.2	
3/20/2005 5:00:0	94.5	158.8	0.00	161.5	6.8	1.7	0.00	0.07	0.6	94.1	0.0	5.9	0.0	
3/20/2005 6:00:0	97.2	163.3	0.00	145.0	5.5	1.5	0.00	0.06	0.6	94.1	0.0	5.9	0.0	
3/20/2005 7:00:0	100.7	169.2	0.00	131.3	6.3	1.3	0.00	0.06	0.6	87.7	0.0	5.5	6.8	
3/20/2005 8:00:0	101.1	169.8	0.00	131.2	6.4	1.3	0.00	0.06	0.6	87.5	0.0	5.5	7.0	
3/20/2005 9:00:0	105.1	176.6	0.00	119.4	10.0	1.1	0.00	0.10	0.6	87.5	0.0	5.5	7.0	
3/20/2005 10:00:	106.5	178.9	0.00	166.7	6.2	1.6	0.00	0.06	0.6	87.5	0.0	5.5	7.1	
3/20/2005 11:00:	109.2	183.5	0.00	161.6	7.2	1.5	0.00	0.07	0.6	87.6	0.0	5.5	6.9	
3/20/2005 12:00:	110.4	185.5	0.00	168.4	6.1	1.5	0.00	0.06	0.6	87.7	0.0	5.5	6.8	
3/20/2005 13:00:	109.9	184.6	0.00	157.0	5.9	1.4	0.00	0.05	0.6	87.4	0.0	5.5	7.2	
3/20/2005 14:00:	108.8	182.8	0.00	148.7	6.6	1.4	0.00	0.06	0.6	87.5	0.0	5.5	7.0	
3/20/2005 15:00:	110.3	185.3	0.00	145.5	7.2	1.3	0.00	0.07	0.6	87.7	0.0	5.5	6.8	
3/20/2005 16:00:	109.1	183.3	0.00	140.1	6.8	1.3	0.00	0.06	0.6	87.4	0.0	5.5	7.1	
3/20/2005 17:00:	111.3	187.0	0.00	126.1	10.0	1.1	0.00	0.09	0.6	87.4	0.0	5.5	7.1	
3/20/2005 18:00:	110.3	185.3	0.00	158.6	8.3	1.4	0.00	0.07	0.6	87.4	0.0	5.5	7.1	
3/20/2005 19:00:	110.0	184.8	0.00	138.2	8.6	1.3	0.00	0.08	0.6	87.5	0.0	5.5	7.0	
3/20/2005 20:00:	108.1	181.6	0.00	177.2	8.0	1.6	0.00	0.07	0.6	94.1	0.0	5.9	0.0	
3/20/2005 21:00:	94.9	159.4	0.00	224.6	5.6	2.4	0.00	0.06	0.6	94.1	0.0	5.9	0.0	
3/20/2005 22:00:	96.1	161.4	0.00	236.1	5.2	2.5	0.00	0.05	0.6	94.1	0.0	5.9	0.0	
3/20/2005 23:00:	100.6	169.0	0.00	177.7	5.7	1.8	0.00	0.06	0.6	94.1	0.0	5.9	0.0	
3/21/2005 0:00:0	104.1	174.9	0.00	146.8	9.3	1.4	0.00	0.09	0.6	87.6	0.0	5.5	6.9	
3/21/2005 1:00:0	105.0	176.4	0.00	142.7	15.2	1.4	0.00	0.15	0.6	87.5	0.0	5.5	7.0	
3/21/2005 2:00:0	99.9	167.8	0.00	190.7	6.5	1.9	0.00	0.07	0.6	94.1	0.0	5.9	0.0	
3/21/2005 3:00:0	102.1	171.5	0.00	163.0	6.2	1.6	0.00	0.06	0.6	87.6	0.0	5.5	6.9	
3/21/2005 4:00:0	104.4	175.4	0.00	156.5	6.9	1.5	0.00	0.07	0.6	94.1	0.0	5.9	0.0	
3/21/2005 5:00:0	104.6	175.7	0.00	156.8	7.9	1.5	0.00	0.08	0.6	87.4	0.0	5.5	7.1	
3/21/2005 6:00:0	102.6	172.4	0.00	159.5	7.5	1.6	0.00	0.07	0.6	94.1	0.0	5.9	0.0	
3/22/2005 22:00:	97.8	164.3	0.00	147.8	6.6	1.5	0.00	0.07	1.3	0	91.8	2.7	0.0	5.6
3/22/2005 23:00:	92.4	155.2	0.00	193.3	5.3	2.1	0.00	0.06	1.3	0	93.8	2.8	0.0	3.5

3/23/2005 0:00:0	98.5	165.5	0.00	128.4	10.6	1.3	0.00	0.11	1.3	0	93.8	2.8	0.0	3.5
3/23/2005 1:00:0	97.9	164.5	0.00	142.9	5.7	1.5	0.00	0.06	1.3	0	92.8	2.8	0.0	4.5
3/23/2005 2:00:0	99.6	167.3	0.00	142.2	6.6	1.4	0.00	0.07	1.3	0	92.4	2.7	0.0	5.0
3/23/2005 7:00:0	90.2	151.5	0.00	196.7	5.0	2.2	0.00	0.06	1.3	0	97.3	2.7	0.0	0.0
3/23/2005 8:00:0	84.5	142.0	0.00	194.5	4.7	2.3	0.00	0.06	1.3	0	97.0	3.0	0.0	0.0
3/23/2005 9:00:0	79.2	133.1	0.00	165.0	10.0	2.1	0.00	0.13	1.3	0	96.9	3.1	0.0	0.0
3/23/2005 10:00:0	70.3	118.1	0.00	159.5	4.3	2.3	0.00	0.06	1.3	0	89.7	3.6	0.0	7.0
3/24/2005 8:00:0	101.2	170.0	0.00	130.7	6.0	1.3	0.00	0.06		1.2	82.5	0.0	10.6	7.0
3/24/2005 9:00:0	102.5	172.2	0.00	111.6	6.2	1.1	0.00	0.06		1.2	82.3	0.0	10.5	7.2
3/24/2005 10:00:0	103.9	174.6	0.00	124.1	10.5	1.2	0.00	0.10		1.2	88.7	0.0	11.3	0.0
3/24/2005 11:00:0	104.0	174.7	0.00	137.1	8.7	1.3	0.00	0.08		1.2	82.5	0.0	10.6	6.9
3/24/2005 12:00:0	104.0	174.7	0.00	164.8	14.3	1.6	0.00	0.14		1.2	82.4	0.0	10.5	7.0
3/24/2005 13:00:0	104.0	174.7	0.00	158.1	7.2	1.5	0.00	0.07		1.2	82.3	0.0	10.6	7.0
3/24/2005 14:00:0	104.2	175.1	0.00	142.3	9.7	1.4	0.00	0.09		1.2	82.4	0.0	10.7	7.0
3/24/2005 15:00:0	104.6	175.7	0.01	150.1	13.0	1.4	0.00	0.12		1.2	88.4	0.0	11.6	0.0
3/24/2005 16:00:0	104.6	175.7	0.00	156.9	12.4	1.5	0.00	0.12		1.2	82.1	0.0	10.7	7.2
3/24/2005 17:00:0	104.4	175.4	0.00	165.0	7.2	1.6	0.00	0.07		1.7	83.0	0.0	17.0	0.0
3/24/2005 18:00:0	104.0	174.7	0.01	163.3	7.0	1.6	0.00	0.07		1.7	83.0	0.0	17.0	0.0
3/24/2005 19:00:0	104.7	175.9	0.02	151.7	7.1	1.4	0.00	0.07		1.7	83.0	0.0	17.0	0.0
3/24/2005 20:00:0	106.4	178.8	0.02	153.3	6.5	1.4	0.00	0.06		1.7	77.9	0.0	15.2	6.8
3/24/2005 21:00:0	106.4	178.8	0.00	154.7	6.5	1.5	0.00	0.06		1.7	77.7	0.0	15.2	7.1
3/24/2005 22:00:0	106.5	178.9	0.01	152.4	6.6	1.4	0.00	0.06		1.7	77.8	0.0	15.2	7.1
3/24/2005 23:00:0	108.1	181.6	0.00	148.2	7.0	1.4	0.00	0.07		1.7	78.0	0.0	15.2	6.7
3/25/2005 7:00:0	108.5	182.3	0.00	149.8	7.3	1.4	0.00	0.07		1.8	76.7	0.0	16.2	7.1
3/25/2005 8:00:0	106.5	178.9	0.00	170.5	7.9	1.6	0.00	0.07		1.8	82.5	0.0	17.5	0.0
3/25/2005 9:00:0	98.1	164.8	0.00	161.8	10.5	1.6	0.00	0.11		1.9	76.9	0.0	16.3	6.8
3/25/2005 10:00:0	98.6	165.6	0.00	118.2	39.2	1.2	0.00	0.39		1.9	76.8	0.0	16.3	6.9
3/25/2005 11:00:0	101.2	170.0	0.00	177.2	9.9	1.8	0.00	0.10		1.7	76.9	0.0	16.3	6.8
3/25/2005 12:00:0	102.8	172.7	0.00	143.9	12.1	1.4	0.00	0.12		1.5	78.8	0.0	14.3	6.9
3/25/2005 13:00:0	104.0	174.7	0.00	129.0	12.2	1.2	0.00	0.12		1.5	78.7	0.0	14.2	7.1
3/25/2005 14:00:0	104.0	174.7	0.00	126.0	9.0	1.2	0.00	0.09		1.6	78.9	0.0	14.3	6.9
3/25/2005 15:00:0	104.0	174.7	0.00	118.1	9.2	1.1	0.00	0.09		1.6	78.7	0.0	14.3	7.0
3/25/2005 16:00:0	104.4	175.4	0.00	110.5	9.6	1.1	0.00	0.09		1.6	78.8	0.0	14.3	7.0
3/25/2005 17:00:0	104.1	174.9	0.00	113.1	10.5	1.1	0.00	0.10		1.2	88.5	0.0	11.5	0.0
3/25/2005 18:00:0	104.0	174.7	0.00	119.3	9.1	1.1	0.00	0.09		1.2	88.5	0.0	11.5	0.0
3/25/2005 19:00:0	104.0	174.7	0.00	114.7	9.9	1.1	0.00	0.10		1.2	82.2	0.0	10.6	7.1
3/25/2005 20:00:0	101.9	171.2	0.00	109.3	14.3	1.1	0.00	0.14		1.2	88.5	0.0	11.5	0.0

3/25/2005 21:00:	101.0	169.7	0.00	104.3	8.9	1.0	0.00	0.09
3/25/2005 22:00:	101.0	169.7	0.00	95.6	9.0	0.9	0.00	0.09
3/25/2005 23:00:	100.9	169.5	0.00	94.4	15.4	0.9	0.00	0.15
3/26/2005 0:00:0	99.8	167.7	0.00	97.5	10.4	1.0	0.00	0.10
3/26/2005 1:00:0	99.8	167.7	0.00	98.3	9.5	1.0	0.00	0.10
3/26/2005 2:00:0	99.8	167.7	0.00	97.6	7.0	1.0	0.00	0.07
3/26/2005 3:00:0	99.9	167.8	0.00	107.6	6.5	1.1	0.00	0.07
3/26/2005 4:00:0	99.1	166.5	0.00	112.7	6.6	1.1	0.00	0.07
3/26/2005 5:00:0	101.0	169.7	0.00	105.9	11.3	1.0	0.00	0.11
3/26/2005 6:00:0	101.0	169.7	0.00	113.4	7.3	1.1	0.00	0.07
3/26/2005 7:00:0	101.0	169.7	0.00	104.2	13.5	1.0	0.00	0.13
3/26/2005 8:00:0	101.0	169.7	0.01	95.5	16.2	0.9	0.00	0.16
3/26/2005 9:00:0	101.3	170.2	0.00	89.6	11.9	0.9	0.00	0.12
3/26/2005 10:00:	101.0	169.7	0.00	89.8	7.5	0.9	0.00	0.07
3/26/2005 11:00:	101.0	169.7	0.01	87.4	8.9	0.9	0.00	0.09
3/26/2005 12:00:	101.0	169.7	0.00	82.0	7.6	0.8	0.00	0.07
3/26/2005 13:00:	101.0	169.7	0.01	77.5	9.8	0.8	0.00	0.10
3/26/2005 14:00:	101.0	169.7	0.00	81.0	7.6	0.8	0.00	0.08
3/27/2005 19:00:	102.8	172.7	0.04	217.5	6.5	2.1	0.00	0.06
3/27/2005 20:00:	100.6	169.0	0.02	225.7	8.8	2.2	0.00	0.09
3/27/2005 21:00:	101.3	170.2	0.02	215.9	6.6	2.1	0.00	0.07
3/27/2005 22:00:	101.0	169.7	0.01	195.7	7.1	1.9	0.00	0.07
3/27/2005 23:00:	101.4	170.4	0.00	193.8	6.6	1.9	0.00	0.06
3/28/2005 0:00:0	100.7	169.2	0.00	180.9	8.6	1.8	0.00	0.09
3/28/2005 1:00:0	103.3	173.5	0.01	143.4	12.6	1.4	0.00	0.12
3/28/2005 2:00:0	101.4	170.4	0.00	164.6	6.4	1.6	0.00	0.06
3/28/2005 19:00:	98.6	165.6	0.00	210.4	6.3	2.1	0.00	0.06
3/28/2005 20:00:	100.6	169.0	0.01	204.5	6.5	2.0	0.00	0.07
3/28/2005 21:00:	101.0	169.7	0.01	211.5	6.4	2.1	0.00	0.06
3/28/2005 22:00:	101.0	169.7	0.01	187.4	6.8	1.9	0.00	0.07
3/28/2005 23:00:	101.0	169.7	0.05	156.0	9.9	1.5	0.00	0.10
3/29/2005 0:00:0	101.5	170.5	0.02	136.7	10.5	1.3	0.00	0.10
3/29/2005 1:00:0	102.3	171.9	0.02	134.6	16.9	1.3	0.00	0.17
3/29/2005 2:00:0	102.7	172.5	0.00	152.2	10.2	1.5	0.00	0.10
3/29/2005 3:00:0	102.5	172.2	0.00	162.0	17.0	1.6	0.00	0.17
3/29/2005 4:00:0	101.0	169.7	0.00	167.3	10.3	1.7	0.00	0.10
3/29/2005 5:00:0	101.0	169.7	0.00	163.0	11.9	1.6	0.00	0.12

1.1	82.5	0.0	10.7	6.8
1.1	82.4	0.0	10.7	6.9
1.2	82.9	0.0	11.0	6.1
1.2	83.4	0.0	11.0	5.6
1.1	83.0	0.0	11.0	6.1
1.1	83.0	0.0	11.0	6.1
1.1	83.1	0.0	11.0	5.9
1.2	83.3	0.0	11.0	5.7
1.2	83.4	0.0	11.0	5.6
1.2	88.3	0.0	11.7	0.0
0.7	86.2	0.0	7.4	6.4
0.7	86.4	0.0	7.4	6.2
0.7	86.5	0.0	7.4	6.1
0.7	86.5	0.0	7.4	6.1
2.1	73.3	0.0	20.9	5.9
2.1	73.1	0.0	20.8	6.0
2.1	77.8	0.0	22.2	0.0
2.1	77.8	0.0	22.2	0.0
0.6	94.2	0.0	5.8	0.0
0.6	89.3	0.0	5.5	5.3
0.6	94.2	0.0	5.8	0.0
0.6	89.5	0.0	5.5	5.0
0.6	89.4	0.0	5.5	5.1
0.6	88.6	0.0	5.4	5.9
0.6	88.4	0.0	5.4	6.1
0.6	94.2	0.0	5.8	0.0
0.5	95.2	0.0	4.8	0.0
0.5	95.2	0.0	4.8	0.0
0.6	94.2	0.0	5.8	0.0
0.6	94.2	0.0	5.8	0.0
0.6	88.9	0.0	5.5	5.6
0.6	87.9	0.0	5.5	6.6
0.6	88.1	0.0	5.5	6.4
0.6	87.9	0.0	5.5	6.6
0.6	87.9	0.0	5.5	6.5
0.6	88.0	0.0	5.4	6.6
0.6	88.1	0.0	5.4	6.5

3/29/2005 6:00:0	100.5	168.8	0.00	164.0	10.3	1.6	0.00	0.10
3/29/2005 19:00:	102.8	172.7	0.01	149.1	7.4	1.5	0.00	0.07
3/29/2005 20:00:	103.4	173.7	0.01	144.6	8.5	1.4	0.00	0.08
3/29/2005 21:00:	103.0	173.0	0.00	152.6	7.3	1.5	0.00	0.07
3/29/2005 22:00:	90.9	152.7	0.19	138.0	35.9	1.5	0.00	0.40
3/29/2005 23:00:	94.9	159.4	0.00	153.8	8.7	1.6	0.00	0.09
3/30/2005 0:00:0	100.1	168.2	0.00	171.0	6.7	1.7	0.00	0.07
3/30/2005 1:00:0	101.0	169.7	0.00	176.6	8.0	1.7	0.00	0.08
3/30/2005 2:00:0	101.7	170.9	0.00	158.5	8.1	1.6	0.00	0.08
3/30/2005 3:00:0	103.7	174.2	0.00	137.2	9.6	1.3	0.00	0.09
3/30/2005 4:00:0	103.4	173.7	0.00	116.3	8.6	1.1	0.00	0.08
3/30/2005 5:00:0	102.8	172.7	0.00	110.9	12.6	1.1	0.00	0.12
3/30/2005 6:00:0	102.3	171.9	0.00	107.9	11.8	1.1	0.00	0.12
3/30/2005 19:00:	100.9	169.5	0.07	139.0	6.3	1.4	0.00	0.06
3/30/2005 20:00:	101.0	169.7	0.02	147.6	6.6	1.5	0.00	0.07
3/30/2005 21:00:	102.2	171.7	0.04	153.4	7.0	1.5	0.00	0.07
3/30/2005 22:00:	103.6	174.0	0.02	134.3	6.8	1.3	0.00	0.07
3/30/2005 23:00:	102.8	172.7	0.02	123.6	6.7	1.2	0.00	0.07
3/31/2005 0:00:0	101.6	170.7	0.01	123.7	6.5	1.2	0.00	0.06
3/31/2005 1:00:0	98.7	165.8	0.02	108.0	6.6	1.1	0.00	0.07
4/3/2005 11:00:0	101.0	169.7	0.60	125.7	7.0	1.2	0.01	0.07
4/3/2005 12:00:0	101.0	169.7	0.65	125.5	6.2	1.2	0.01	0.06
4/3/2005 13:00:0	101.0	169.7	0.82	118.3	6.2	1.2	0.01	0.06
4/3/2005 14:00:0	101.0	169.7	0.75	109.1	6.6	1.1	0.01	0.07
4/3/2005 15:00:0	101.0	169.7	0.72	113.3	7.7	1.1	0.01	0.08
4/3/2005 16:00:0	101.0	169.7	0.74	122.0	6.1	1.2	0.01	0.06
4/3/2005 17:00:0	101.0	169.7	0.65	114.5	6.1	1.1	0.01	0.06
4/3/2005 18:00:0	100.8	169.3	0.64	134.3	5.8	1.3	0.01	0.06
4/3/2005 19:00:0	98.9	166.2	0.66	134.1	6.0	1.4	0.01	0.06
4/3/2005 20:00:0	99.9	167.8	0.85	112.5	6.2	1.1	0.01	0.06
4/3/2005 21:00:0	99.9	167.8	0.65	120.8	5.9	1.2	0.01	0.06
4/4/2005 8:00:01	98.1	164.8	0.00	98.9	9.6	1.0	0.00	0.10
4/4/2005 9:00:01	98.0	164.6	0.03	106.7	7.4	1.1	0.00	0.08
4/4/2005 10:00:0	99.8	167.7	0.07	110.8	7.7	1.1	0.00	0.08
4/4/2005 11:00:0	99.9	167.8	0.03	118.6	8.4	1.2	0.00	0.08
4/4/2005 12:00:0	98.4	165.3	0.03	176.4	6.2	1.8	0.00	0.06
4/4/2005 13:00:0	97.4	163.6	0.03	198.8	5.8	2.0	0.00	0.06

0.6	94.2	0.0	5.8	0.0
0.6	88.5	0.0	5.4	6.1
0.6	94.2	0.0	5.8	0.0
0.6	88.7	0.0	5.4	5.8
0.6	87.5	0.0	5.4	7.1
0.6	87.6	0.0	5.4	7.0
0.6	87.9	0.0	5.4	6.7
0.6	87.8	0.0	5.4	6.8
0.6	87.8	0.0	5.4	6.8
0.6	87.6	0.0	5.4	7.0
0.6	87.6	0.0	5.4	7.0
0.6	87.6	0.0	5.4	7.0
0.6	94.2	0.0	5.8	0.0
1	90.4	0.0	9.6	0.0
1	85.8	0.0	9.1	5.1
1	85.7	0.0	9.1	5.2
1.2	84.0	0.0	10.9	5.1
1.2	84.1	0.0	10.9	5.1
1.1	84.0	0.0	10.9	5.1
1.2	84.2	0.0	10.9	4.9
1.2	83.8	0.0	11.1	5.1
1.1	84.7	0.0	11.2	4.1
1.2	84.8	0.0	11.2	4.0
1.2	84.7	0.0	11.2	4.1
1.1	88.5	0.0	11.5	0.0
1.1	84.9	0.0	11.0	4.1
1.1	85.0	0.0	11.0	4.0
1.1	84.9	0.0	11.0	4.1
1.1	84.7	0.0	11.1	4.2
1.1	84.9	0.0	11.1	4.0
1.2	84.7	0.0	11.1	4.2
1.2	85.2	0.0	10.9	3.9
1.1	84.8	0.0	10.9	4.3
1.1	85.9	0.0	11.0	3.1
1.1	88.7	0.0	11.3	0.0
1.1	85.8	0.0	11.0	3.2
1.1	88.7	0.0	11.3	0.0

4/4/2005 18:00:0	65.8	110.5	0.03	134.0	4.0	2.0	0.00	0.06	1	88.9	0.0	11.1	0.0
4/4/2005 19:00:0	79.7	133.9	0.00	169.9	7.2	2.2	0.00	0.09	1	85.2	0.0	10.7	4.1
4/4/2005 20:00:0	88.5	148.7	0.01	187.4	7.8	2.1	0.00	0.09	1.1	85.7	0.0	10.7	3.6
4/4/2005 21:00:0	93.8	157.6	0.07	184.6	6.6	2.0	0.00	0.07	1.2	85.4	0.0	11.0	3.6
4/4/2005 22:00:0	90.0	151.2	0.01	146.6	10.0	1.6	0.00	0.11	1.2	84.9	0.0	11.0	4.1
4/4/2005 23:00:0	86.3	145.0	0.00	182.0	6.4	2.1	0.00	0.07	1.2	88.7	0.0	11.3	0.0
4/5/2005 0:00:01	92.5	155.4	0.00	151.9	7.3	1.6	0.00	0.08	1.1	85.4	0.0	10.9	3.7
4/5/2005 1:00:01	92.1	154.7	0.01	131.3	6.5	1.4	0.00	0.07	1.1	84.9	0.0	11.2	3.9
4/5/2005 2:00:01	94.2	158.3	0.05	165.1	6.4	1.8	0.00	0.07	1.1	84.7	0.0	11.2	4.1
4/5/2005 3:00:01	95.2	159.9	0.05	164.4	5.6	1.7	0.00	0.06	1.1	84.7	0.0	11.2	4.1
4/5/2005 4:00:01	94.2	158.3	0.15	176.9	5.5	1.9	0.00	0.06	1.1	83.8	0.0	11.1	5.1
4/5/2005 5:00:01	95.7	160.8	0.06	157.9	5.7	1.7	0.00	0.06	1.1	84.0	0.0	11.1	4.9
4/5/2005 6:00:01	95.6	160.6	0.05	141.9	5.4	1.5	0.00	0.06	1.1	83.7	0.0	11.1	5.2
4/5/2005 7:00:01	98.1	164.8	0.07	132.0	5.6	1.3	0.00	0.06	2.6	68.9	0.0	24.9	6.2
4/5/2005 8:00:01	99.2	166.7	0.00	115.2	5.6	1.2	0.00	0.06	2	64.5	4.9	30.6	0.0
4/5/2005 9:00:01	101.0	169.7	0.00	117.1	6.3	1.2	0.00	0.06	1.3	63.5	2.9	27.0	6.7
4/5/2005 10:00:0	99.4	167.0	0.00	130.2	5.3	1.3	0.00	0.05	1.3	63.2	3.0	27.0	7.1
4/5/2005 15:00:0	77.4	130.0	0.00	182.4	4.0	2.3	0.00	0.05	2.3	74.2	0.0	25.8	0.0
4/5/2005 16:00:0	92.2	154.9	0.00	126.8	6.1	1.4	0.00	0.07	2.4	74.2	0.0	25.8	0.0
4/5/2005 17:00:0	96.7	162.5	0.00	150.9	5.2	1.6	0.00	0.05	2.4	74.2	0.0	25.8	0.0
4/5/2005 18:00:0	98.5	165.5	0.00	183.8	5.4	1.9	0.00	0.05	2.4	74.2	0.0	25.8	0.0
4/5/2005 19:00:0	96.4	162.0	0.00	196.6	5.2	2.0	0.00	0.05	1	84.7	0.0	10.8	4.5
4/5/2005 20:00:0	99.8	167.7	0.00	182.3	5.5	1.8	0.00	0.05	1.1	84.6	0.0	10.8	4.6
4/5/2005 21:00:0	99.5	167.2	0.00	180.9	5.5	1.8	0.00	0.05	1.1	84.3	0.0	11.2	4.5
4/5/2005 22:00:0	98.0	164.6	0.00	170.1	5.5	1.7	0.00	0.06	1.1	84.3	0.0	11.2	4.5
4/5/2005 23:00:0	98.1	164.8	0.00	188.7	5.5	1.9	0.00	0.06	1.1	84.3	0.0	11.1	4.6
4/6/2005 0:00:01	98.1	164.8	0.00	199.1	5.5	2.0	0.00	0.06	1.1	84.3	0.0	11.1	4.6
4/6/2005 1:00:01	88.5	148.7	0.00	226.0	4.6	2.6	0.00	0.05	1.1	88.3	0.0	11.7	0.0
4/6/2005 2:00:01	95.2	159.9	0.00	233.1	5.3	2.5	0.00	0.06	1.1	84.2	0.0	11.1	4.6
4/6/2005 3:00:01	100.1	168.2	0.00	203.1	5.7	2.0	0.00	0.06	1.1	84.4	0.0	11.0	4.5
4/6/2005 4:00:01	98.2	165.0	0.00	202.9	5.5	2.1	0.00	0.06	1.1	84.3	0.0	11.0	4.7
4/6/2005 5:00:01	98.1	164.8	0.00	194.8	5.6	2.0	0.00	0.06	1.1	84.4	0.0	11.0	4.6
4/6/2005 6:00:01	98.0	164.6	0.00	199.8	5.6	2.0	0.00	0.06	1.1	84.5	0.0	11.0	4.5
4/6/2005 7:00:01	98.7	165.8	0.00	193.0	5.4	2.0	0.00	0.06	2.4	69.1	0.0	24.6	6.3
4/6/2005 8:00:01	98.7	165.8	0.00	157.3	6.2	1.6	0.00	0.06	1.3	63.8	2.9	26.6	6.9
4/6/2005 9:00:01	99.8	167.7	0.00	132.6	5.8	1.3	0.00	0.06	1.3	62.5	2.9	26.1	8.7
4/6/2005 10:00:0	100.1	168.2	0.00	132.2	5.2	1.3	0.00	0.05	1.3	63.2	3.0	26.5	7.6

4/6/2005 11:00:0	100.4	168.7	0.00	143.5	5.3	1.4	0.00	0.05
4/6/2005 12:00:0	100.4	168.7	0.00	145.0	5.3	1.4	0.00	0.05
4/6/2005 13:00:0	100.4	168.7	0.00	148.0	5.5	1.5	0.00	0.05
4/6/2005 14:00:0	100.4	168.7	0.00	155.0	5.3	1.5	0.00	0.05
4/6/2005 15:00:0	100.4	168.7	0.00	216.5	5.0	2.2	0.00	0.05
4/6/2005 16:00:0	100.3	168.5	0.00	206.6	5.0	2.1	0.00	0.05
4/6/2005 17:00:0	100.5	168.8	0.00	168.9	5.3	1.7	0.00	0.05
4/6/2005 18:00:0	100.5	168.8	0.00	159.8	5.1	1.6	0.00	0.05
4/6/2005 19:00:0	99.0	166.3	0.00	195.7	5.0	2.0	0.00	0.05
4/6/2005 20:00:0	101.4	170.4	0.00	201.3	5.4	2.0	0.00	0.05
4/6/2005 21:00:0	104.2	175.1	0.00	127.8	5.7	1.2	0.00	0.05
4/6/2005 22:00:0	98.7	165.8	0.00	140.9	5.5	1.4	0.00	0.06
4/6/2005 23:00:0	95.9	161.1	0.00	155.3	5.4	1.6	0.00	0.06
4/7/2005 0:00:01	95.0	159.6	0.00	178.0	5.3	1.9	0.00	0.06
4/7/2005 1:00:01	95.0	159.6	0.00	180.8	5.6	1.9	0.00	0.06
4/7/2005 2:00:01	95.0	159.6	0.00	171.8	5.5	1.8	0.00	0.06
4/7/2005 3:00:01	95.0	159.6	0.00	143.1	5.3	1.5	0.00	0.06
4/7/2005 4:00:01	97.0	163.0	0.00	127.8	5.6	1.3	0.00	0.06
4/7/2005 5:00:01	98.1	164.8	0.00	146.6	5.5	1.5	0.00	0.06
4/7/2005 6:00:01	98.6	165.6	0.00	162.3	6.0	1.6	0.00	0.06
4/7/2005 7:00:01	100.7	169.2	0.00	169.6	6.6	1.7	0.00	0.07
4/7/2005 8:00:01	102.5	172.2	0.00	141.8	10.4	1.4	0.00	0.10
4/7/2005 9:00:01	102.7	172.5	0.00	128.6	10.4	1.3	0.00	0.10
4/7/2005 10:00:0	101.0	169.7	0.00	168.7	8.8	1.7	0.00	0.09
4/7/2005 11:00:0	101.0	169.7	0.00	169.4	8.5	1.7	0.00	0.08
4/7/2005 12:00:0	101.0	169.7	0.00	200.3	8.1	2.0	0.00	0.08
4/7/2005 13:00:0	101.0	169.7	0.00	206.8	8.0	2.0	0.00	0.08
4/7/2005 14:00:0	100.6	169.0	0.00	159.5	8.1	1.6	0.00	0.08
4/7/2005 15:00:0	93.7	157.4	0.02	101.4	5.1	1.3	0.00	0.11
4/8/2005 9:00:01	99.2	166.7	0.65	242.1	7.4	2.4	0.01	0.07
4/8/2005 10:00:0	101.5	170.5	7.55	216.0	9.5	2.1	0.00	0.09
4/8/2005 11:00:0	101.2	170.0	6.22	200.2	9.3	2.0	0.00	0.09
4/8/2005 12:00:0	101.3	170.2	6.90	196.8	9.1	1.9	0.00	0.09
4/8/2005 13:00:0	101.6	170.7	6.87	218.0	8.8	2.1	0.00	0.09
4/8/2005 14:00:0	101.6	170.7	6.24	224.5	8.8	2.2	0.00	0.09
4/8/2005 15:00:0	101.3	170.2	3.92	199.4	8.6	2.0	0.00	0.09
4/8/2005 16:00:0	100.7	169.2	5.26	233.4	8.6	2.3	0.00	0.09

1.3	2.7	61.8	2.9	26.8	8.7
1.3	2.6	61.7	2.9	26.8	8.8
1.3	2.6	61.6	3.0	26.8	8.9
1.3	2.6	61.5	3.0	26.8	8.9
1.3	2.7	63.0	2.9	27.3	7.0
1.3	2.8	63.7	2.8	27.4	6.3
1.3	2.8	63.1	2.8	27.1	7.2
1.3	2.6	62.0	2.9	26.9	8.4
1.3	2.6	62.5	3.0	27.2	7.6
1.3	2.6	63.1	3.0	27.4	6.7
	2.4	67.5	0.0	24.8	7.6
	0.9	85.4	0.0	9.8	4.7
	1	85.6	0.0	9.8	4.6
	1	85.6	0.0	9.8	4.5
	1.1	84.4	0.0	11.0	4.6
	1.1	84.3	0.0	11.0	4.7
	1.1	84.4	0.0	11.0	4.6
	1.1	84.4	0.0	11.0	4.5
	1.1	84.4	0.0	11.0	4.5
	1.1	84.3	0.0	11.0	4.6
1.3	2.5	66.1	3.0	26.3	4.8
1.3	2.4	65.7	3.1	26.3	5.1
1.3	2.1	64.7	3.5	26.4	5.6
1.3	2.4	66.0	3.1	26.4	4.7
1.3	2.5	66.2	3.0	26.3	4.7
1.3	2.5	66.0	2.9	26.1	5.1
1.3	2.6	66.5	2.8	26.2	4.7
1.3	2.7	68.4	2.7	26.8	2.2
1.3	2.7	68.3	2.7	26.8	2.2
	3	72.7	0.0	27.3	0.0
1.3	3.2	68.2	2.4	29.4	0.0
1.3	3.2	68.2	2.4	29.4	0.0
1.3	3.2	68.1	2.4	29.4	0.0
1.3	3.2	68.2	2.4	29.4	0.0
1.3	3.2	68.1	2.4	29.4	0.0
1.3	3.2	68.1	2.4	29.4	0.0
1.3	3	65.9	2.7	28.8	2.8

4/8/2005 17:00:0	101.0	169.7	3.62	155.5	9.4	1.5	0.04	0.09
4/8/2005 18:00:0	98.7	165.8	0.18	115.2	7.9	1.2	0.00	0.08
4/8/2005 19:00:0	98.0	164.6	0.00	92.5	9.3	0.9	0.00	0.09
4/8/2005 20:00:0	98.1	164.8	0.00	98.4	8.0	1.0	0.00	0.08
4/9/2005 19:00:0	92.1	154.7	0.00	102.7	8.0	1.1	0.00	0.09
4/9/2005 20:00:0	92.1	154.7	0.00	103.8	7.7	1.1	0.00	0.08
4/9/2005 21:00:0	92.1	154.7	0.00	120.6	6.5	1.3	0.00	0.07
4/9/2005 22:00:0	92.8	155.9	0.00	131.1	5.8	1.4	0.00	0.06
4/9/2005 23:00:0	93.9	157.8	0.00	143.7	6.0	1.5	0.00	0.06
4/10/2005 0:00:0	94.9	159.4	0.00	116.5	6.0	1.2	0.00	0.06
4/10/2005 1:00:0	96.1	161.4	0.00	104.6	6.3	1.1	0.00	0.07
4/10/2005 2:00:0	95.0	159.6	0.00	137.1	5.9	1.4	0.00	0.06
4/10/2005 3:00:0	93.1	156.4	0.00	150.1	5.8	1.6	0.00	0.06
4/10/2005 4:00:0	86.7	145.7	0.00	186.3	6.0	2.2	0.00	0.07
4/10/2005 5:00:0	94.9	159.4	0.00	134.3	6.0	1.4	0.00	0.06
4/10/2005 6:00:0	95.1	159.8	0.00	118.3	5.8	1.2	0.00	0.06
4/11/2005 7:00:0	99.7	167.5	0.00	110.8	8.2	1.1	0.00	0.08
4/11/2005 10:00:0	99.6	167.3	0.17	165.5	6.2	1.7	0.00	0.06
4/11/2005 11:00:0	101.0	169.7	0.11	175.8	7.6	1.7	0.00	0.07
4/12/2005 7:00:0	101.0	169.7	0.40	180.0	7.3	1.8	0.00	0.07
4/12/2005 8:00:0	93.2	156.6	0.00	187.3	6.3	2.0	0.00	0.07
4/12/2005 9:00:0	99.6	167.3	0.00	156.9	6.7	1.6	0.00	0.07
4/12/2005 10:00:0	101.0	169.7	0.00	177.4	6.9	1.8	0.00	0.07
4/12/2005 11:00:0	101.0	169.7	0.00	178.2	6.8	1.8	0.00	0.07
4/12/2005 12:00:0	101.0	169.7	0.00	181.0	6.7	1.8	0.00	0.07
4/12/2005 13:00:0	101.0	169.7	0.00	198.7	6.5	2.0	0.00	0.06
4/12/2005 14:00:0	101.0	169.7	0.01	201.0	6.9	2.0	0.00	0.07
4/12/2005 15:00:0	100.4	168.7	0.00	191.4	7.4	1.9	0.00	0.07

1.3	3	67.9	2.6	29.5	0.0
1.3	2.9	65.1	2.7	28.5	3.9
1.3	2.9	64.6	2.7	28.3	4.4
2.9	70.2	0.0	26.4	3.4	
0.9	85.6	0.0	9.6	4.8	
0.9	85.4	0.0	9.6	5.1	
0.9	85.3	0.0	9.6	5.2	
0.9	85.3	0.0	9.6	5.2	
1	85.3	0.0	9.6	5.2	
1	85.4	0.0	9.6	5.1	
1.1	84.2	0.0	10.9	4.9	
1.1	84.1	0.0	10.9	5.1	
1.1	84.0	0.0	10.9	5.2	
1.1	84.0	0.0	10.9	5.2	
1.2	88.5	0.0	11.5	0.0	
1.2	88.5	0.0	11.5	0.0	
2.7	69.4	0.0	25.7	4.9	
1.3	3	66.4	2.6	28.3	2.7
3.1	71.1	0.0	26.3	2.6	
2.7	70.2	0.0	26.5	3.3	
2.8	70.2	0.0	26.5	3.3	
1.3	3	65.5	2.6	28.7	3.3
1.3	3.1	65.8	2.5	28.7	3.0
1.3	3	65.7	2.6	28.8	3.0
1.3	3	65.7	2.6	28.8	3.0
1.3	3	65.3	2.7	29.2	3.0
1.3	3	65.8	2.7	29.4	2.2
1.3	3	65.7	2.7	29.4	2.3

Averages

0.19	177.58	7.89
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Attachment 4

**Florida Rock Industries Inc.
Thompson S. Baker Cement Plant
Kiln/Raw Mill Stack Opacity Data Report**

Daily Report for 04/06/2005

Time	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 1Hr. Avg.
01:00	2.65	2.52	2.46	2.47	2.54	2.57	2.57	2.64	2.63	2.71	2.58
02:00	2.75	2.65	2.68	2.65	2.72	2.79	2.81	2.83	2.79	2.82	2.75
03:00	2.97	2.91	2.85	2.81	2.73	2.78	2.82	2.75	2.65	2.70	2.80
04:00	2.67	2.73	2.66	2.64	2.63	2.59	2.59	2.62	2.60	2.60	2.63
05:00	2.69	2.62	2.59	2.57	2.64	2.63	2.64	2.63	2.57	2.52	2.61
06:00	2.61	2.77	2.76	2.81	2.87	2.84	2.61	2.67	2.72	2.67	2.73
07:00	2.68	2.79	2.76	2.70	2.71	2.80	2.75	2.63	2.70	2.73	2.72
08:00	Cal	Cal	Cal	2.54	2.47	2.42	2.59	2.65	2.65	2.80	14.75
09:00	2.97	2.79	2.88	2.75	2.81	2.80	2.70	2.86	2.86	2.76	2.82
10:00	2.67	2.63	2.68	2.68	2.62	2.51	2.47	2.52	2.45	2.48	2.57
11:00	2.41	2.41	2.50	2.26	2.30	2.26	2.39	2.31	2.28	2.13	2.33
12:00	2.18	2.10	2.13	2.15	2.24	2.15	2.10	2.20	2.08	2.24	2.16
13:00	2.20	2.16	1.97	2.02	2.03	2.08	2.13	2.25	2.17	2.16	2.12
14:00	2.21	2.17	2.21	2.16	2.07	2.09	2.13	2.15	2.08	2.13	2.14
15:00	2.10	2.10	2.17	2.14	2.09	2.09	2.14	2.11	2.09	2.06	2.11
16:00	1.95	1.94	2.04	2.10	2.02	2.04	2.08	2.12	2.13	2.16	2.06
17:00	2.13	2.13	2.14	2.18	2.15	2.12	2.13	2.13	2.16	2.16	2.14
18:00	2.09	2.09	2.17	2.10	2.05	2.05	2.12	2.14	2.11	2.07	2.10
19:00	2.10	2.15	2.10	2.16	2.12	2.11	2.10	2.14	2.22	2.11	2.13
20:00	2.09	2.18	2.30	2.52	3.02	2.76	2.46	2.54	2.41	2.33	2.46
21:00	2.31	2.37	2.37	2.31	2.33	2.35	2.32	2.31	2.35	2.32	2.33
22:00	2.29	2.34	2.57	2.47	2.38	2.31	2.32	2.42	2.40	2.35	2.39
23:00	2.47	2.50	2.49	2.77	2.59	2.42	2.39	2.37	2.27	2.24	2.45
24:00	2.17	2.22	2.14	2.18	2.21	2.30	2.32	2.29	2.22	2.27	2.23
Average	2.41										2.92
Maximum	3.02										14.75
Minimum	1.94										2.06
Excess	0										0
Uptm %	98.75										100.00
# Per	240										24
MNR	0										0
ND	0										0
OC	0										0
CAL	3										0
Bad Per	0										0
MUT %	99.17										100.00
MDT Per	12										0

Key:
D, Data
F, IF Instrument Failure
N, ND No Data
W, Warning Drift Warning

INS Insufficient Data
C, Cal Calibration
M, MNR Monitoring Not Required
U, U User disable

U, UD User Disable
R, OC Out of Control
V, Valid Valid Data
M, M Missing data

**Florida Rock Industries Inc.
Thompson S. Baker Cement Plant
Kiln/Raw Mill Stack Mass Emissions Report**

Daily Report for 04/06/2005

Time	Clinker Prod. Tons/Hr. Avg.	Kiln SO2 SO2 Lbs./Hr. Avg.	Kiln SO2 Lbs/Ton of Clinker Avg.	Kiln NOx NOx Lbs./Hr. Avg.	Kiln NOx Lbs/Ton of Clinker Avg.	Kiln THC THC Lbs./Hr. Avg.	Kiln THC Lbs/Ton of Clinker Avg.
01:00	88.46	0.00	0.000	225.99	2.56X	4.61	0.05
02:00	95.21	0.00	0.000	233.07	2.45X	5.27	0.06
03:00	100.06	0.00	0.000	203.14	2.03	5.71	0.06
04:00	98.16	0.00	0.000	202.92	2.07	5.54	0.06
05:00	98.08	0.00	0.000	194.84	1.99	5.55	0.06
06:00	98.04	0.00	0.000	199.77	2.04	5.56	0.06
07:00	98.70	0.00	0.000	192.95	1.96	5.43	0.06
08:00	98.70	0.00	0.000	157.27	1.59	6.24	0.06
09:00	99.80	0.00	0.000	132.65	1.33	5.82	0.06
10:00	100.07	0.00	0.000	132.20	1.32	5.20	0.05
11:00	100.43	0.00	0.000	143.49	1.43	5.25	0.05
12:00	100.44	0.00	0.000	145.00	1.44	5.26	0.05
13:00	100.44	0.00	0.000	147.98	1.47	5.51	0.05
14:00	100.44	0.00	0.000	155.03	1.54	5.32	0.05
15:00	100.44	0.00	0.000	216.46	2.15	5.00	0.05
16:00	100.33	0.00	0.000	206.59	2.06	4.96	0.05
17:00	100.49	0.00	0.000	168.93	1.68	5.32	0.05
18:00	100.50	0.00	0.000	159.80	1.59	5.13	0.05
19:00	99.04	0.00	0.000	195.68	1.98	4.97	0.05
20:00	101.38	0.00	0.000	201.31	2.00	5.45	0.05
21:00	104.24	0.00	0.000	127.83	1.23	5.65	0.05
22:00	98.73	0.00	0.000	140.89	1.43	5.45	0.06
23:00	95.92	0.00	0.000	155.28	1.62	5.42	0.06
24:00	95.04	0.00	0.000	177.97	1.87	5.25	0.06
Total	2373.14	0.00	0.000	4217.04	42.83	128.87	1.31
Average	98.88	0.00	0.000	175.71	1.78	5.37	0.05
Maximum	104.24	0.00	0.000	233.07	2.56	6.24	0.06
Minimum	88.46	0.00	0.000	127.83	1.23	4.61	0.05
Rolling	99.23	0.38	0.002	160.72	1.70	7.65	0.08
Excess		0	0	0	2	0	0
Uptm %	100.00	100.00	100.00	100.00	100.00	100.00	100.00
# Per	24	24	24	24	24	24	24
MNR	0	0	0	0	0	0	0
ND	0	0	0	0	0	0	0
OC		0	0	0	0	0	0
CAL		0	0	0	0	0	0
Bad Per		0	0	0	0	0	0
MUT %	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MDT Per	0	0	0	0	0	0	0

Key:
D, Data
F, IF Instrument Failure
N, ND No Data
W, Warning Warning

INS Insufficient Data
C, Cal Calibration
M, MNR Monitoring Not Required
U, U User disable

U, UD User Disable
R, OC Out of Control
V, Valid Valid Data
M, M Missing data

**Florida Rock Industries Inc.
Thompson S. Baker Cement Plant
Kiln/Raw Mill Stack Opacity Data Report**

Daily Report for 04/07/2005

Time	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 1Hr. Avg.
01:00	2.52	2.48	2.33	2.43	2.67	2.61	2.55	2.51	2.50	2.36	2.50
02:00	2.35	2.30	2.42	2.57	2.79	2.67	2.52	2.58	2.60	2.60	2.54
03:00	2.60	2.54	2.55	2.50	2.48	2.51	2.55	2.64	2.60	2.59	2.55
04:00	2.64	2.64	2.74	2.72	2.58	2.50	2.51	2.60	2.62	2.46	2.60
05:00	2.35	2.59	2.73	2.59	2.40	2.37	2.42	2.47	2.53	2.39	2.48
06:00	2.29	2.40	2.52	2.40	2.39	2.55	2.55	2.47	2.33	2.32	2.42
07:00	2.33	2.47	2.46	2.40	2.51	2.60	2.63	2.63	2.57	2.41	2.50
08:00	Cal	2.37	2.55	2.70	2.93	2.51	2.51	3.52	2.73	3.22	3.17
09:00	3.71	4.28	5.08	4.48	4.84	4.03	3.80	3.81	4.08	4.41	4.25
10:00	4.80	6.22	7.91	7.77	7.71	7.68	7.56	6.90	6.84	6.47	6.99
11:00	5.95	5.59	5.29	6.03	5.65	6.13	6.56	6.73	6.94	6.83	6.17
12:00	6.66	6.23	5.94	5.63	5.27	5.03	5.65	6.20	6.33	6.71	5.96
13:00	7.14	7.37	7.72	7.75	7.80	8.02	8.99	7.74	6.39	5.35	7.43
14:00	4.53	3.15	3.51	4.46	4.13	4.25	4.41	4.13	3.51	6.89	4.30
15:00	7.69	4.10	3.65	3.48	3.81	3.74	2.54	3.03	2.91	10.72X	4.57
16:00	2.59	2.19	2.16	1.65	1.38	1.29	1.22	1.18	1.14	1.10	1.59
17:00	1.05	1.24	1.22	1.28	1.26	1.31	1.33	1.54	1.71	1.62	1.36
18:00	1.53	1.61	1.77	1.75	1.76	1.83	1.79	1.72	1.69	1.68	1.71
19:00	1.69	1.68	1.64	1.68	1.72	1.64	1.72	1.83	1.77	1.68	1.71
20:00	1.60	1.71	1.69	1.90	1.81	1.70	1.72	1.66	1.60	1.62	1.70
21:00	1.64	1.69	1.78	1.69	1.72	1.73	1.76	1.71	1.73	1.71	1.72
22:00	1.79	1.74	1.74	1.76	1.83	1.83	1.86	1.93	1.98	2.01	1.85
23:00	2.34	2.37	2.35	2.36	2.28	2.28	2.20	2.26	2.31	2.30	2.31
24:00	2.32	2.34	2.37	2.41	2.33	2.26	2.29	2.35	2.32	2.35	2.34
Average	3.18										3.20
Maximum	10.72										7.43
Minimum	1.05										1.36
Excess	1										0
Uptm %	99.58										100.00
# Per	240										24
MNR	0										0
ND	0										0
OC	0										0
CAL	1										0
Bad Per	0										0
MUT %	99.23										100.00
MDT Per	13										0

Key:

D, Data

F, IF Instrument Failure

N, ND No Data

W, Warning Drift Warning

INS Insufficient Data

C, Cal Calibration

M, MNR Monitoring Not Required

U, U User disable

U, UD User Disable

R, OC Out of Control

V, Valid Valid Data

M, M Missing data

**Florida Rock Industries Inc.
Thompson S. Baker Cement Plant
Kiln/Raw Mill Stack Mass Emissions Report**

Daily Report for 04/07/2005

Time	Clinker Prod. Tons/Hr. Avg.	Kiln SO2 SO2 Lbs./Hr. Avg.	Kiln SO2 Lbs/Ton of Clinker Avg.	Kiln NOx NOx Lbs./Hr. Avg.	Kiln NOx Lbs/Ton of Clinker Avg.	Kiln THC THC Lbs./Hr. Avg.	Kiln THC Lbs/Ton of Clinker Avg.
01:00	95.03	0.00	0.000	180.76	1.90	5.55	0.06
02:00	95.02	0.00	0.000	171.79	1.81	5.52	0.06
03:00	95.02	0.00	0.000	143.11	1.51	5.33	0.06
04:00	96.96	0.00	0.000	127.79	1.32	5.60	0.06
05:00	98.07	0.00	0.000	146.61	1.49	5.52	0.06
06:00	98.62	0.00	0.000	162.29	1.65	5.97	0.06
07:00	100.68	0.00	0.000	169.57	1.69	6.63	0.07
08:00	102.48	0.00	0.000	141.78	1.38	10.44	0.10
09:00	102.67	0.00	0.000	128.64	1.25	10.43	0.10
10:00	101.02	0.00	0.000	168.71	1.67	8.82	0.09
11:00	100.97	0.00	0.000	169.41	1.68	8.47	0.08
12:00	100.99	0.00	0.000	200.34	1.98	8.06	0.08
13:00	101.01	0.00	0.000	206.80	2.05	8.02	0.08
14:00	100.56	0.00	0.000	159.47	1.59	8.08	0.08
15:00	93.75	0.02	0.001	101.41	1.30	5.11	0.11
16:00	MNR	0.00	MNR	32.05	MNR	0.43	MNR
17:00	52.02	0.00	0.000	125.92	2.23	2.58	0.04
18:00	75.59	0.00	0.000	149.39	1.99	5.42	0.07
19:00	86.86	0.00	0.000	147.22	1.69	6.96	0.08
20:00	92.87	0.00	0.000	90.49	0.97	12.32	0.13
21:00	90.78	0.00	0.000	151.91	1.67	6.81	0.07
22:00	89.21	0.00	0.000	206.50	2.32	5.62	0.06
23:00	92.26	0.00	0.000	202.52	2.19	6.04	0.07
24:00	92.83	0.00	0.000	187.46	2.02	6.25	0.07
Total	2155.27	0.02	0.001	3671.94	39.35	159.98	1.74
Average	93.71	0.00	0.000	153.00	1.71	6.67	0.08
Maximum	102.67	0.02	0.001	206.80	2.32	12.32	0.13
Minimum	52.02	0.00	0.000	32.05	0.97	0.43	0.04
Rolling	98.73	0.33	0.002	158.24	1.69	7.63	0.08
Excess		0	0	0	0	0	0
Uptm %	100.00	100.00	100.00	100.00	100.00	100.00	100.00
# Per	24	24	24	24	24	24	24
MNR	1	0	1	0	1	0	1
ND	0	0	0	0	0	0	0
OC		0	0	0	0	0	0
CAL		0	0	0	0	0	0
Bad Per		0	0	0	0	0	0
MUT %	100.00	100.00	100.00	100.00	100.00	100.00	100.00
MDT Per	0	0	0	0	0	0	0

Key:
D, Data
F, IF Instrument Failure
N, ND No Data
W, Warning Drift Warning

INS Insufficient Data
C, Cal Calibration
M, MNR Monitoring Not Required
U, U User disable

U, UD User Disable
R, OC Out of Control
V, Valid Valid Data
M, M Missing data

**Florida Rock Industries Inc.
Thompson S. Baker Cement Plant
Kiln/Raw Mill Stack Opacity Data Report**

Daily Report for 04/08/2005

Time	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 1Hr. Avg.
01:00	2.28	2.38	2.40	2.36	2.28	2.30	2.29	2.28	2.35	2.35	2.33
02:00	2.38	2.40	2.40	2.37	2.35	2.36	2.42	2.39	2.35	2.31	2.37
03:00	2.39	2.50	2.55	2.52	2.50	2.45	2.48	2.53	2.59	2.55	2.51
04:00	2.46	2.48	2.49	2.57	2.58	2.57	2.46	2.50	2.52	2.41	2.50
05:00	2.33	2.31	2.34	2.43	2.36	2.41	2.37	2.42	2.45	2.43	2.39
06:00	2.49	2.41	2.41	2.43	2.45	2.35	2.34	2.49	2.52	2.52	2.44
07:00	2.48	2.50	2.49	2.50	2.55	2.53	2.54	2.60	2.58	2.65	2.54
08:00	Cal	2.73	2.75	2.65	2.61	2.63	2.69	2.78	2.84	2.80	3.15
09:00	2.69	2.73	2.75	3.00	2.86	2.78	2.60	3.50	3.22	2.94	2.91
10:00	3.27	3.29	3.50	4.94	8.21	9.06	8.93	8.30	7.43	6.59	6.35
11:00	6.86	7.57	8.08	8.14	6.44	6.79	7.11	6.90	6.78	6.52	7.12
12:00	6.33	6.62	6.71	6.52	6.56	6.15	6.13	6.01	6.17	6.22	6.34
13:00	6.11	6.22	6.16	6.45	6.74	6.54	6.98	6.63	6.48	6.84	6.52
14:00	7.31	7.23	7.01	6.92	7.35	7.78	7.68	7.31	7.13	6.68	7.24
15:00	7.04	7.07	6.94	7.27	8.11	7.82	6.87	5.63	4.98	4.64	6.64
16:00	3.98	4.19	4.11	3.99	3.95	4.00	4.37	5.07	6.22	7.55	4.74
17:00	7.83	8.33	7.73	7.30	9.66	5.75	5.14	4.64	4.59	5.24	6.62
18:00	7.62	6.17	4.95	4.03	3.31	3.21	3.14	3.07	3.06	3.07	4.16
19:00	3.13	3.07	3.17	3.27	3.07	3.03	3.11	3.22	3.28	3.22	3.16
20:00	3.07	3.00	3.04	3.06	2.97	2.99	2.94	2.96	3.00	2.92	3.00
21:00	2.94	2.96	3.07	3.00	3.02	3.01	2.91	2.99	2.95	2.91	2.98
22:00	2.91	2.96	2.93	2.91	2.85	2.81	2.75	2.79	2.76	2.78	2.85
23:00	2.76	2.69	2.80	2.82	2.74	2.69	2.66	2.82	2.83	2.77	2.76
24:00	2.76	2.74	2.72	2.87	2.79	2.73	2.80	2.79	2.70	2.79	2.77
Average	4.00										4.02
Maximum	9.66										7.24
Minimum	2.28										2.33
Excess	0										0
Uptm %	99.58										100.00
# Per	240										24
MNR	0										0
ND	0										0
OC	0										0
CAL	1										0
Bad Per	0										0
MUT %	99.27										100.00
MDT Per	14										0

Key:
D, Data
F, IF Instrument Failure
N, ND No Data
W, Warning Drift Warning

INS Insufficient Data
C, Cal Calibration
M, MNR Monitoring Not Required
U, U User disable

U, UD User Disable
R, OC Out of Control
V, Valid Valid Data
M, M Missing data

**Florida Rock Industries Inc.
Thompson S. Baker Cement Plant
Kiln/Raw Mill Stack Mass Emissions Report**

Daily Report for 04/08/2005

Time	Clinker Prod. Tons/Hr. Avg.	Kiln SO2 SO2 Lbs./Hr. Avg.	Kiln SO2 Lbs/Ton of Clinker Avg.	Kiln NOx NOx Lbs./Hr. Avg.	Kiln NOx Lbs/Ton of Clinker Avg.	Kiln THC THC Lbs./Hr. Avg.	Kiln THC Lbs/Ton of Clinker Avg.
01:00	93.89	0.00	0.000	207.86	2.21	6.18	0.07
02:00	95.93	0.00	0.000	221.25	2.31	6.63	0.07
03:00	97.54	0.00	0.000	217.05	2.23	6.62	0.07
04:00	98.08	0.00	0.000	223.52	2.28	6.39	0.07
05:00	97.77	0.00	0.000	210.93	2.16	6.37	0.07
06:00	95.08	0.00	0.000	222.31	2.34	6.21	0.07
07:00	97.30	0.00	0.000	235.38	2.42	6.59	0.07
08:00	97.95	OC	OC	OC	OC	6.43	0.07
09:00	99.22	0.65	0.006	242.15	2.44	7.36	0.07
10:00	101.51	7.55	0.074	215.97	2.13	9.47	0.09
11:00	101.16	6.22	0.062	200.19	1.98	9.26	0.09
12:00	101.29	6.90	0.068	196.82	1.94	9.08	0.09
13:00	101.57	6.87	0.068	217.95	2.15	8.79	0.09
14:00	101.55	6.24	0.061	224.50	2.21	8.77	0.09
15:00	101.34	3.92	0.039	199.42	1.97	8.64	0.09
16:00	100.71	5.26	0.052	233.39	2.32	8.59	0.09
17:00	101.01	3.62	0.036	155.53	1.54	9.44	0.09
18:00	98.71	0.18	0.002	115.23	1.17	7.89	0.08
19:00	98.03	0.00	0.000	92.52	0.94	9.26	0.09
20:00	98.05	0.00	0.000	98.43	1.00	8.04	0.08
21:00	98.13	0.00	0.000	114.00	1.16	6.89	0.07
22:00	98.06	0.00	0.000	102.34	1.04	7.61	0.08
23:00	97.11	0.00	0.000	145.90	1.50	6.29	0.06
24:00	96.86	0.00	0.000	151.83	1.57	6.15	0.06
Total	2367.85	47.41	0.468	4244.47	43.01	182.95	1.87
Average	98.66	2.06	0.020	184.54	1.87	7.62	0.08
Maximum	101.57	7.55	0.074	242.15	2.44	9.47	0.09
Minimum	93.89	0.00	0.000	92.52	0.94	6.15	0.06
Rolling Excess	98.46	0.36	0.002	158.43	1.70	7.61	0.08
		0	0	0	0	0	0
Uptm %	100.00	95.83	95.83	95.83	95.83	100.00	100.00
# Per	24	24	24	24	24	24	24
MNR	0	0	0	0	0	0	0
ND	0	0	0	0	0	0	0
OC		1	1	1	1	0	0
CAL		0	0	0	0	0	0
Bad Per		0	0	0	0	0	0
MUT %	100.00	99.48	99.45	99.48	99.45	100.00	100.00
MDT Per	0	1	1	1	1	0	0

Key:
D, Data
F, IF Instrument Failure
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W, Warning@drift Warning

INS Insufficient Data
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M, MNR Monitoring Not Required
U, U User disable

U, UD User Disable
R, OC Out of Control
V, Valid Valid Data
M, M Missing data

**Florida Rock Industries Inc.
Thompson S. Baker Cement Plant
Kiln/Raw Mill Stack Opacity Data Report**

Daily Report for 04/12/2005

Time	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 6Min. Avg.	Kiln Opacity % 1Hr. Avg.
01:00	1.94	1.98	1.99	1.97	1.98	1.92	2.00	1.99	1.99	1.95	1.97
02:00	1.95	1.98	2.05	2.07	2.05	1.98	2.02	2.00	2.01	1.96	2.01
03:00	1.87	1.94	1.88	1.93	1.96	1.96	1.94	1.91	1.95	1.95	1.93
04:00	1.97	1.95	1.94	1.89	1.93	1.93	1.94	1.93	1.98	1.98	1.94
05:00	1.95	1.97	1.98	2.01	2.02	2.12	2.15	2.11	2.05	2.04	2.04
06:00	2.02	2.08	2.14	2.12	2.10	2.08	2.11	2.21	2.18	2.06	2.11
07:00	2.09	2.07	2.13	2.16	2.21	2.23	2.29	2.07	2.21	2.16	2.16
08:00	Cal	2.19	2.29	2.35	2.29	2.10	2.00	1.88	1.92	1.96	2.55
09:00	1.99	2.03	2.11	2.30	2.21	2.23	2.16	2.08	1.99	2.02	2.11
10:00	2.17	2.09	2.12	2.14	2.08	2.06	2.02	2.13	2.16	2.10	2.11
11:00	2.06	2.04	2.10	2.14	2.19	2.17	2.40	2.30	2.27	2.14	2.18
12:00	2.05	2.09	2.14	2.22	2.22	2.06	2.05	2.03	2.02	1.95	2.08
13:00	1.96	1.95	1.95	1.92	1.91	1.88	1.90	1.94	1.96	1.97	1.93
14:00	2.01	2.08	2.10	2.14	2.02	2.05	2.02	2.04	2.06	2.04	2.06
15:00	1.93	1.94	1.94	1.91	1.83	1.94	1.89	1.93	1.97	1.91	1.92
16:00	1.81	1.84	1.84	1.52	1.35	1.45	1.47	1.41	1.45	1.38	1.55
17:00	1.29	1.28	1.25	1.15	1.17	1.10	1.15	1.21	1.34	1.31	1.22
18:00	1.42	1.42	1.35	1.37	1.40	1.35	1.38	1.43	1.45	1.59	1.42
19:00	1.55	1.49	1.45	1.51	1.58	1.55	1.46	1.55	1.63	1.61	1.54
20:00	1.53	1.57	1.57	1.57	1.71	1.65	1.66	1.70	1.65	1.71	1.63
21:00	1.73	1.75	1.86	1.84	1.94	1.96	1.95	1.96	1.99	2.14	1.91
22:00	2.08	2.12	2.14	2.16	2.05	2.12	2.21	2.14	2.15	2.24	2.14
23:00	2.16	2.20	2.21	2.31	2.29	2.24	2.32	2.37	2.31	2.41	2.28
24:00	2.46	2.47	2.35	2.29	2.30	2.37	2.50	2.47	2.47	2.45	2.41
Average	1.95										1.97
Maximum	2.50										2.55
Minimum	1.10										1.22
Excess	0										0
Uptm %	99.58										100.00
# Per	240										24
MNR	0										0
ND	0										0
OC	0										0
CAL	1										0
Bad Per	0										0
MUT %	99.34										100.00
MDT Per	19										0

Key:
D, Data
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W, Warning Warning

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M, MNR Monitoring Not Required
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V, Valid Valid Data
M, M Missing data

**Florida Rock Industries Inc.
Thompson S. Baker Cement Plant
Kiln/Raw Mill Stack Mass Emissions Report**

Daily Report for 04/12/2005

Time	Clinker Prod. Tons/Hr. Avg.	Kiln SO2 SO2 Lbs./Hr. Avg.	Kiln SO2 Lbs/Ton of Clinker Avg.	Kiln NOx NOx Lbs./Hr. Avg.	Kiln NOx Lbs/Ton of Clinker Avg.	Kiln THC THC Lbs./Hr. Avg.	Kiln THC Lbs/Ton of Clinker Avg.
01:00	97.85	0.45	0.005	154.45	1.58	7.56	0.08
02:00	98.07	0.27	0.003	148.93	1.52	7.69	0.08
03:00	98.06	0.56	0.006	152.69	1.56	7.52	0.08
04:00	98.04	0.53	0.005	146.50	1.49	7.45	0.08
05:00	98.57	0.50	0.005	136.35	1.38	7.64	0.08
06:00	99.55	0.39	0.004	143.51	1.44	7.73	0.08
07:00	101.01	0.40	0.004	180.02	1.78	7.26	0.07
08:00	93.19	0.00	0.000	187.29	2.02	6.31	0.07
09:00	99.61	0.00	0.000	156.85	1.58	6.70	0.07
10:00	100.95	0.00	0.000	177.38	1.76	6.87	0.07
11:00	101.00	0.00	0.000	178.16	1.76	6.80	0.07
12:00	101.03	0.00	0.000	181.00	1.79	6.65	0.07
13:00	100.99	0.00	0.000	198.65	1.97	6.52	0.06
14:00	101.00	0.01	0.000	200.98	1.99	6.85	0.07
15:00	100.43	0.00	0.000	191.42	1.91	7.41	0.07
16:00	MNR	0.00	MNR	89.51	MNR	4.69	MNR
17:00	MNR	0.00	MNR	40.52	MNR	0.55	MNR
18:00	67.39	0.00	0.000	176.19	2.64X	4.85	0.07
19:00	77.50	0.00	0.000	158.16	2.05	6.67	0.09
20:00	89.09	0.01	0.000	160.97	1.82	6.56	0.07
21:00	94.94	0.01	0.000	154.95	1.63	6.83	0.07
22:00	96.92	0.00	0.000	185.09	1.91	6.92	0.07
23:00	98.02	0.02	0.000	181.76	1.85	6.97	0.07
24:00	98.00	0.01	0.000	161.88	1.65	7.19	0.07
Total	2111.21	3.16	0.032	3843.21	39.08	158.19	1.61
Average	95.96	0.13	0.001	160.13	1.78	6.59	0.07
Maximum	101.03	0.56	0.006	200.98	2.64	7.73	0.09
Minimum	67.39	0.00	0.000	40.52	1.38	0.55	0.06
Rolling	97.58	0.32	0.002	149.11	1.62	7.50	0.08
Excess		0	0	0	1	0	0
Uptm %	100.00	100.00	100.00	100.00	100.00	100.00	100.00
# Per	24	24	24	24	24	24	24
MNR	2	0	2	0	2	0	2
ND	0	0	0	0	0	0	0
OC		0	0	0	0	0	0
CAL		0	0	0	0	0	0
Bad Per		0	0	0	0	0	0
MUT %	100.00	98.96	98.91	98.96	98.91	99.31	99.27
MDT Per	0	3	3	3	3	2	2

Key:
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W, Warning Warning

INS Insufficient Data
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M, MNR Monitoring Not Required
U, U User disable

U, UD User Disable
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M, M Missing data

Attachment 5

Florida Rock Industries, Inc.
Cement Group
Thompson S. Baker Cement Plant
Report of Analyses of Fuels

Samples collected April 6, 2005	Petroleum Coke	Flyash	Coal	Tires
Analysis				
Heat Value (Btu/lb)	14289	3030	12001	14502
Moisture (%)	3.72	0.19	3.43	0.35
Nitrogen (% dry basis)	1.44	0.27	1.45	0.6
Sulfur (% dry basis)	7.2	1.28	0.8	1.69
Chlorides (% dry basis)	0.01	<.01	0.13	0.01
Ash (% dry basis)	6.28	72.95	13.13	14.7
Mercury (ppm, dry basis)	0.02	0.05	0.02	0.05
Petroleum Hydrocarbons (ppm)	430	4.8	<i>not required</i>	<i>not required</i>
Ammonia (ppm)	<i>not required</i>	42	<i>not required</i>	<i>not required</i>
Carbon (% dry basis)	84.3	25.7	72.9	75.1
LOI	<i>not required</i>	27.22	<i>not required</i>	<i>not required</i>

Florida Rock Industries, Inc.
Cement Group
Thompson S. Baker Cement Plant
Report of Analyses of Fuels

Samples collected April 7, 2005	Petroleum Coke	Flyash	Coal	Tires
Analysis				
Heat Value (Btu/lb)	14621	2799	12421	15502
Moisture (%)	4.3	0.74	5.44	0.79
Nitrogen (% dry basis)	1.48	0.27	1.5	0.69
Sulfur (% dry basis)	7.64	1.4	0.97	2.07
Chlorides (% dry basis)	0.01	<.01	0.12	0.03
Ash (% dry basis)	2.54	73.4	10.32	6.46
Mercury (ppm, dry basis)	0.03	0.02	0.04	0.03
Petroleum Hydrocarbons (ppm)	640	5.9	<i>not required</i>	<i>not required</i>
Ammonia (ppm)	<i>not required</i>	84	<i>not required</i>	<i>not required</i>
Carbon (% dry basis)	85.6	24.6	73.5	81.6
LOI	<i>not required</i>	26.7	<i>not required</i>	<i>not required</i>

Florida Rock Industries, Inc.
Cement Group
Thompson S. Baker Cement Plant
Report of Analyses of Fuels

Samples collected April 8, 2005	Petroleum Coke	Flyash	Coal	Tires
Analysis				
Heat Value (Btu/lb)	14056	2775	10545	14725
Moisture (%)	15.14	0.01	4.22	0.47
Nitrogen (% dry basis)	1.41	0.28	1.47	0.44
Sulfur (% dry basis)	6.66	1.48	0.69	1.72
Chlorides (% dry basis)	0.02	<.01	0.13	0.04
Ash (% dry basis)	6.51	70.9	22.28	15.2
Mercury (ppm, dry basis)	0.03	0.02	0.07	0.04
Petroleum Hydrocarbons (ppm)	520	5.2	<i>not required</i>	<i>not required</i>
Ammonia (ppm)	<i>not required</i>	56	<i>not required</i>	<i>not required</i>
Carbon (% dry basis)	82.5	26.6	72.8	74.9
LOI	<i>not required</i>	29.2	<i>not required</i>	<i>not required</i>

Florida Rock Industries, Inc.
Cement Group
Thompson S. Baker Cement Plant
Report of Analyses of Fuels

Samples collected April 12, 2005	Petroleum Coke	Flyash	Coal	Tires
Analysis				
Heat Value (Btu/lb)	14532	2969	12205	13783
Moisture (%)	5.95	0.13	5.63	0.98
Nitrogen (% dry basis)	1.48	0.26	1.35	0.4
Sulfur (% dry basis)	7.23	1.41	0.96	1.85
Chlorides (% dry basis)	0.02	<.01	0.12	0.03
Ash (% dry basis)	1.06	74.5	12.78	16.57
Mercury (ppm, dry basis)	0.02	0.04	0.05	0.04
Petroleum Hydrocarbons (ppm)	440	5.2	<i>not required</i>	<i>not required</i>
Ammonia (ppm)	<i>not required</i>	98	<i>not required</i>	<i>not required</i>
Carbon (% dry basis)	85.9	24.5	67.8	72.1
LOI	<i>not required</i>	25.7	<i>not required</i>	<i>not required</i>

FLORIDA ROCK INDUSTRIES INC

CEMENT GROUP / 4000 N.W. CR 235 / P.O. Box 459 / Newberry, FL 32669 / (352) 472-4722



May 20, 2005

RECEIVED

MAY 24 2005

BUREAU OF AIR REGULATION

Mr. Robert Bull
Division of Air Resources
Department of Environmental Protection
2600 Blair Stone Road, MS #5505
Tallahassee, FL 32399-2400

RE: Report of emission tests while using petroleum coke and flyash as fuels in the kiln and calciner; Facility 0010087, Permit Nos. 0010087-009-AV and 0010087-012-AC
Florida Rock Industries, Inc.—Thompson S. Baker Cement Plant

Dear Mr. Bull:

Enclosed are two copies of the report of emission tests for dioxin/furan, particulate matter, and carbon monoxide; they include the concurrent CEMS and COMS data reports. I am sending a copy of these reports to Rick Banks in the Northeast District Office, too.

Also enclosed are the summarized results of analyses of the fuels that were sampled during each day of emission tests, as required by the above-mentioned construction permit under which this trial was allowed. Petroleum coke and flyash compared very well to coal for all chlorides and mercury. Sulfur was much higher in the petroleum coke, but the monitoring results provided in the emission-test report demonstrated that fuel sulfur has no noticeable effect upon emissions of sulfur dioxide during production.

A separate report of the trial is complete and will be submitted next week following final review by the production and plant manager.

If you have any questions, please call me at 352-472-4722, ext. 121.

Sincerely,
FLORIDA ROCK INDUSTRIES, INC.


Henry Gotsch
Environmental Manager

Summary of Analyses of Fuels
Petroleum Coke and Flyash Fueling Trial
April 6-8 & 12, 2005

Florida Rock Industries, Inc.—
Thompson S. Baker Cement Plant
Permit Nos. 0010087-009-AV & -012-AC

Prepared by
Henry Gotsch,
Environmental Manager

Florida Rock Industries, Inc.
Cement Group
Thompson S. Baker Cement Plant
Report of Analyses of Fuels

Samples collected April 6, 2005	Petroleum Coke	Flyash	Coal	Tires
Analysis				
Heat Value (Btu/lb)	14289	3030	12001	14502
Moisture (%)	3.72	0.19	3.43	0.35
Nitrogen (% dry basis)	1.44	0.27	1.45	0.6
Sulfur (% dry basis)	7.2	1.28	0.8	1.69
Chlorides (% dry basis)	0.01	<.01	0.13	0.01
Ash (% dry basis)	6.28	72.95	13.13	14.7
Mercury (ppm, dry basis)	0.02	0.05	0.02	0.05
Petroleum Hydrocarbons (ppm)	430	4.8	<i>not required</i>	<i>not required</i>
Ammonia (ppm)	<i>not required</i>	42	<i>not required</i>	<i>not required</i>
Carbon (% dry basis)	84.3	25.7	72.9	75.1
LOI	<i>not required</i>	27.22	<i>not required</i>	<i>not required</i>

Florida Rock Industries, Inc.
Cement Group
Thompson S. Baker Cement Plant
Report of Analyses of Fuels

Samples collected April 7, 2005	Petroleum Coke	Flyash	Coal	Tires
Analysis				
Heat Value (Btu/lb)	14621	2799	12421	15502
Moisture (%)	4.3	0.74	5.44	0.79
Nitrogen (% dry basis)	1.48	0.27	1.5	0.69
Sulfur (% dry basis)	7.64	1.4	0.97	2.07
Chlorides (% dry basis)	0.01	<.01	0.12	0.03
Ash (% dry basis)	2.54	73.4	10.32	6.46
Mercury (ppm, dry basis)	0.03	0.02	0.04	0.03
Petroleum Hydrocarbons (ppm)	640	5.9	<i>not required</i>	<i>not required</i>
Ammonia (ppm)	<i>not required</i>	84	<i>not required</i>	<i>not required</i>
Carbon (% dry basis)	85.6	24.6	73.5	81.6
LOI	<i>not required</i>	26.7	<i>not required</i>	<i>not required</i>

Florida Rock Industries, Inc.
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Thompson S. Baker Cement Plant
Report of Analyses of Fuels

Samples collected April 8, 2005	Petroleum Coke	Flyash	Coal	Tires
Analysis				
Heat Value (Btu/lb)	14056	2775	10545	14725
Moisture (%)	15.14	0.01	4.22	0.47
Nitrogen (% dry basis)	1.41	0.28	1.47	0.44
Sulfur (% dry basis)	6.66	1.48	0.69	1.72
Chlorides (% dry basis)	0.02	<.01	0.13	0.04
Ash (% dry basis)	6.51	70.9	22.28	15.2
Mercury (ppm, dry basis)	0.03	0.02	0.07	0.04
Petroleum Hydrocarbons (ppm)	520	5.2	<i>not required</i>	<i>not required</i>
Ammonia (ppm)	<i>not required</i>	56	<i>not required</i>	<i>not required</i>
Carbon (% dry basis)	82.5	26.6	72.8	74.9
LOI	<i>not required</i>	29.2	<i>not required</i>	<i>not required</i>

Florida Rock Industries, Inc.
Cement Group
Thompson S. Baker Cement Plant
Report of Analyses of Fuels

Samples collected April 12, 2005	Petroleum Coke	Flyash	Coal	Tires
Analysis				
Heat Value (Btu/lb)	14532	2969	12205	13783
Moisture (%)	5.95	0.13	5.63	0.98
Nitrogen (% dry basis)	1.48	0.26	1.35	0.4
Sulfur (% dry basis)	7.23	1.41	0.96	1.85
Chlorides (% dry basis)	0.02	<.01	0.12	0.03
Ash (% dry basis)	1.06	74.5	12.78	16.57
Mercury (ppm, dry basis)	0.02	0.04	0.05	0.04
Petroleum Hydrocarbons (ppm)	440	5.2	<i>not required</i>	<i>not required</i>
Ammonia (ppm)	<i>not required</i>	98	<i>not required</i>	<i>not required</i>
Carbon (% dry basis)	85.9	24.5	67.8	72.1
LOI	<i>not required</i>	25.7	<i>not required</i>	<i>not required</i>