APPENDIX D

Phosphine Canister Field Log Sheets

PHOSPHINE CANISTER FIELD LOG SHEET

Log #	Sample Name	Sampler ID Number	Date & Time		Tisch Vacuum Display PSIG		Flow Display ml/Min	Corrected Average Flow	Canister Pressure PSIG (End)	Comment Number	Weather K,P,C,F&R		Initials
			Start	End	Start	End					Start	End	
001	S-B	122	12/4/08 14:00	12/5/08 12:24	-31.0	9.4	7.0	7.5	9.7	6.3	F	F	SRR
002	S-B-FS1	114	12/4/08 14:00	12/5/08 12:24	-30.0	9.5	7.0	7.5	9.5	7.5	F	F	SRR
003	W-B	116	12/4/08 14:00	12/5/08 12:28	-30.0	5.8	7.0	7.5	6.2	7.9	F	F	SRR
004	W-B-FS2	115	12/4/08 14:00	12/5/08 12:28	-31.0	8.3	7.0	7.5	8.5	5.7	F	F	SRR
005	N-B	113	12/4/08 14:05	12/5/08 12:31	-30.0	12.6	7.0	7.5	11.8	6.6	F	F	SRR
006	N-B-C	118	12/4/08 14:00	12/5/08 12:32	-30.0	10.1	7.0	7.5	10.8	5.2	F	F	SRR
007	N-B-FS3	121	12/4/08 14:05	12/5/08 12:34	-30.0	10.9	7.0	7.5	10.2	7.7	F	F	SRR
008	E-B	117	12/4/08 14:15	12/5/08 12:35	-8.0	21.2	7.0	7.5	9.9	7.2 #1	F	F	SRR
009	E-B-FS4	119	12/4/08 14:15	12/5/08 12:35	-30.0	9.8	7.0	7.5	9.8	9.6 #2	F	F	SRR
010	TB	N/A	12/4/08 14:20	N/A	N/A	N/A	N/A	N/A	-30	N/A	F	F	SRR
011	TS1	N/A	12/4/08 12:11	N/A	N/A	N/A	N/A	N/A	-30	N/A	F	F	SRR
012	TS2	N/A	12/4/08 12:13	N/A	N/A	N/A	N/A	N/A	-30	N/A	F	F	SRR
013	IN-F1	120	12/9/08 18:00	12/9/08 22:00	-30.0	8.0	7.0	7.5	8.0	8	F	F	SRR
014	IN-F2	120	12/9/08 22:00	12/10/08 2:00	-30.0	7.5	7.0	7.5	7.7	8	F	F	SRR
015	IN-F3	120	12/10/08 2:00	12/10/08 6:00	-30.0	7.5	7.0	7.5	7.7	8	F	F	SRR
016													
017													
018													
019													
020													
021													
022													

MFM Used #: 20005345 **Slope:** 1.003 **Intrcpt:** 0.514

#1 = Tisch Guage Bad #2 Back Perssure not adjustable
Comment value is flow meter on Tisch

Weather Codes: K = Clear, P = Partly Cloudy, C = ≥67% Cloudy, F = Fog, and R = Rain (any)

Log #	Sample Name	Sampler ID Number	Date & Time		Tisch Vacuum Display		Flow Display ml/Min	Corrected Average Flow	Canister Pressure PSIG (End)	Comment Number	Weather K,P,C,F&R		Initials Start
			Start	End	Start	End					Start	End	
016	SEC-F-1	117	12/9/08 18:00	12/9/08 0:00	-10.0	21.8	44.3	44.9	11.8	46 #5	P	F	SRR
017	SEC-F-2	117	12/9/08 22:00	12/9/08 2:00	-30.0	-30.0	44.3	44.9	-26.0	46 #3	P	F	SRR
018	SEC-F-3	117	12/10/08 2:00	12/10/08 6:00	-30.0	-30.0	44.3	44.9	-26.0	46 #3	F	F	SRR
019	S-F-1	114	12/9/08 18:00	12/9/08 22:00	-31.0	11.0	44.3	44.9	12.2	46.5	P	F	SRR
020	S-F-2	114	12/9/08 22:00	12/10/08 2:00	-30.0	11.0	44.3	44.9	11.4	46.5	P	F	SRR
021	S-F-3	114	12/10/08 2:00	12/9/08 6:00	-29.0	13.0	44.3	44.9	13.0	46.5	F	F	SRR
022	SWC-F-1	122	12/9/08 18:00	12/9/08 22:00	-30.0	9.0	44.3	44.9	10.4	44.2	P	F	SRR
023	SWC-F-2	122	12/9/08 22:00	12/10/08 2:00	-8.0	10.0	44.3	44.9	11.0	44.2	P	F	SRR
024	SWC-F-3	122	12/10/08 2:00	12/9/08 6:00	-30.0	10.0	44.3	44.9	10.2	44.2	F	F	SRR
025	W-F-1	115	12/9/08 18:00	12/9/08 22:00	-30.0	10.0	44.3	44.9	11.3	43	P	F	SRR
026	W-F-2	115	12/9/08 22:00	12/10/08 2:00	-30.0	8.0	44.3	44.9	9.5	43	P	F	SRR
027	W-F-3	115	12/10/08 2:00	12/9/08 6:00	-30.0	10.0	44.3	44.9	10.8	43	F	F	SRR
028	NWC-F-1	116	12/9/08 18:00	12/9/08 22:00	-30.0	10.0	44.3	44.9	11.0	47.2	P	F	SRR
029	NWC-F-2	116	12/9/08 22:00	12/10/08 2:00	-30.0	9.0	44.3	44.9	11.2	47.2	P	F	SRR
030	NWC-F-3	116	12/10/08 2:00	12/10/08 6:00	-30.0	10.0	44.3	44.9	11.5	47.2	F	F	SRR
031	N-F-1	113	12/9/08 18:00	12/9/08 22:00	-30.0	9.0	44.3	44.9	9.4	45	P	F	SRR
032	N-F-2	113	12/9/08 22:00	12/10/08 2:00	-28.0	9.0	44.3	44.9	9.4	45	P	F	SRR
033	N-F-3	113	12/10/08 2:00	12/9/08 6:00	-30.0	9.0	44.3	44.9	10.2	45	F	F	SRR

MFM Used #: **20005345** **Slope:** **1.003** **Intrcpt:** **0.514**

#3 = Valve Not Open #4 = Lost Power #5 = Bad Guage

Comment Value is guage on Tisch

Log #	Sample Name	Sampler ID Number	Date & Time		Tisch Vacuum Display		Flow Display ml/Min	Corrected Average Flow	Canister Pressure PSIG (End)	Comment Number	Weather K,P,C,F&R		Initials
			Start	End	Start	End					Start	End	Start
034	N-F-1-CO	118	12/9/08 18:00	12/9/08 22:00	-30.0	8.0	44.3	44.9	9.2	37.6	P	F	SRR
035	N-F-2-CO	118	12/9/08 22:00	12/10/08 2:00	-30.0	8.0	44.3	44.9	10.0	37.6	P	F	SRR
036	N-F-3-CO	118	12/10/08 2:00	12/9/08 6:00	-30.0	8.0	44.3	44.9	10.0	37.6	F	F	SRR
037	NEC-F-1	121	12/9/08 18:00	NO RUN	-30.0	-30.0	44.3	44.9	26.0	42.8 #4	P	F	SRR
038	NEC-F-2	121	12/9/08 22:00	NO RUN	-30.0	-30.0	44.3	44.9	26.0	42.8 #4	P	F	SRR
039	NEC-F-3	121	12/10/08 2:00	NO RUN	-30.0	-30.0	44.3	44.9	26.0	42.8 #4	P	F	SRR
040	E-F-1	119	12/9/08 18:00	12/9/08 22:00	-30.0	9.0	44.3	44.9	9.9	57.9	P	F	SRR
041	E-F-2	119	12/9/08 22:00	12/10/08 2:00	-30.0	9.0	44.3	44.9	9.6	57.9	P	F	SRR
042	E-F-3	119	12/10/08 2:00	12/10/08 6:00	-30.0	9.0	44.3	44.9	10.0	57.9	F	F	SRR
043	TS	N/A	12/10/08 7:12	N/A	N/A	N/A	N/A	N/A	-30	N/A	F	F	SRR
044	TB	N/A	12/10/08 7:13	N/A	N/A	N/A	N/A	N/A	-30	N/A	P	F	SRR

MFM Used #: **20005345** **Slope:** **1.003** **Intrcpt:** **0.514** #4 Lost Power

Comment Value is guage on Tisch

Log #	Sample Name	Sampler ID Number	Date & Time		Tisch Vacuum Display PSIG		Flow Display ml/Min	Corrected Average Flow	Canister Pressure PSIG (End)	Comment Number	Weather K,P,C,F&R		Initials
			Start	End	Start	End					Start	End	
045	SEC-A-1	117	12/10/08 8:00	12/10/08 12:00	-6.0	23.0	50.0	50.7	12.2	52.1 #5	F	K	SRR
046	SEC-A-2	117	12/10/08 12:00	12/10/08 16:00	-30.0	9.0	50.0	50.7	10.4	52.1	F	K	SRR
047	SEC-A-3	117	12/10/08 16:00	12/10/08 8:00	-30.0	-10.0	50.0	50.7	12.2	52.1	F	F	SRR
048	S-A-1	114	12/10/08 8:00	12/10/08 12:00	-30.0	12.6	50.0	50.7	12.4	53	F	K	SRR
049	S-A-2	114	12/10/08 12:00	12/10/08 16:00	-29.0	9.0	50.0	50.7	9.0	53	F	K	SRR
050	S-A-3	114	12/10/08 16:00	12/10/08 8:00	-28.0	12.0	50.0	50.7	11.6	53	F	F	SRR
051	SWC-A-1	122	12/10/08 8:00	12/10/08 12:00	-30.0	11.5	50.0	50.7	12.2	49.5	F	K	SRR
052	SWC-A-2	122	12/10/08 12:00	12/10/08 16:00	-30.0	9.0	50.0	50.7	9.4	49.5	F	K	SRR
053	SWC-A-3	122	12/10/08 16:00	12/10/08 8:00	-29.0	10.2	50.0	50.7	10.2	49.5	F	F	SRR
054	W-A-1	115	12/10/08 8:00	12/10/08 12:00	-30.0	11.5	50.0	50.7	12.4	49.3	F	K	SRR
055	W-A-2	115	12/10/08 12:00	12/10/08 16:00	-30.0	9.5	50.0	50.7	10.0	49.3	F	K	SRR
056	W-A-3	115	12/10/08 16:00	12/10/08 8:00	-29.0	11.6	50.0	50.7	11.6	49.3	F	F	SRR
057	NWC-A-1	116	12/10/08 8:00	12/10/08 12:00	-30.0	11.0	50.0	50.7	11.8	53.7	F	K	SRR
058	NWC-A-2	116	12/10/08 12:00	12/10/08 16:00	-30.0	8.0	50.0	50.7	9.6	53.7	F	K	SRR
059	NWC-A-3	116	12/10/08 16:00	12/10/08 8:00	-30.0	11.8	50.0	50.7	11.4	53.7	F	F	SRR
060	N-A-1	113	12/10/08 8:00	12/10/08 12:00	-30.0	11.5	50.0	50.7	11.0	50.4	F	K	SRR
061	N-A-2	113	12/10/08 12:00	12/10/08 16:00	-28.0	11.0	50.0	50.7	11.0	50.4	F	K	SRR

MFM Used #: **20005345** **Slope:** **1.003** **Intrcpt:** **0.514** #5 = Bad Guage

Comment Value is guage on Tisch

Log #	Sample Name	Sampler ID Number	Date & Time		Tisch Vacuum Display PSIG		Flow Display ml/Min	Corrected Average Flow	Canister Pressure PSIG (End)	Comment Number	Weather K,P,C,F&R		Initials
			Start	End	Start	End					Start	End	
062	N-A-3	113	12/10/08 16:00	12/10/08 8:00	-30.0	10.5	50.0	50.7	11.3	50.4	F	F	SRR
063	N-A-1-CO	118	12/10/08 8:00	12/10/08 12:00	-30.0	9.5	50.0	50.7	10.4	43.2	F	K	SRR
064	N-A-1-CO	118	12/10/08 12:00	12/10/08 16:00	-30.0	9.5	50.0	50.7	11.0	43.2	F	K	SRR
065	N-A-1-CO	118	12/10/08 16:00	12/10/08 8:00	-29.0	7.5	50.0	50.7	9.9	43.2	F	F	SRR
066	NEC-A-1	121	12/10/08 8:00	12/10/08 12:00	-30.0	13.5	50.0	50.7	13.6	52.6	F	K	SRR
067	NEC-A-2	121	12/10/08 12:00	12/10/08 16:00	-29.0	11.5	50.0	50.7	11.4	52.6	F	K	SRR
068	NEC-A-3	121	12/10/08 16:00	12/10/08 8:00	-30.0	13.0	50.0	50.7	12.6	52.6	F	F	SRR
069	E-A-1	119	12/10/08 8:00	12/10/08 12:00	-29.0	11.5	50.0	50.7	12.2	65.4	F	K	SRR
070	E-A-2	119	12/10/08 12:00	12/10/08 16:00	-30.0	10.0	50.0	50.7	10.4	65.4	F	K	SRR
071	E-A-3	119	12/10/08 16:00	12/10/08 8:00	-30.0	-30.0	50.0	50.7	11.6	65.4	F	F	SRR
072	TS	N/A	12/10/08 7:12	N/A	N/A	N/A	N/A	N/A	-29.8	N/A	K	N/A	SRR
073	TB	N/A	12/10/08 7:13	N/A	N/A	N/A	N/A	N/A	-29.8	N/A	K	N/A	SRR

MFM Used #: **20005345** **Slope:** **1.003** **Intrcpt:** **0.514**

Comment Value is guage on Tisch

APPENDIX E

Calibration/Certification Reports

ARB Calibration Report - Resultant Wind Speed

Calibration Summary:

ID Information:

Station Name:	Automet 5304	Manufacturer:	Met One	AS-FOUND:	
Site #:	Propanil Application	Model #:	010C	AS-LEFT:	X
Station Address:	Sacto. 5th Street Warehouse	Serial #:	A6703	Calibration Date:	06/04/08
Agency:	ARB	Translator #:	466A	Report Date:	09/09/08
		Serial #:	X1042	Previous Cal. Date:	N.A.

Calibration Results:

	Component:	Wind Speed
	Instrument Range (knots per hour):	0 to 86.84
	AS-LEFT Starting Torque (gm-cm):	0.38
	AS-LEFT Absolute Avg Speed Difference (knots):	0.03
	Slope:	1.000
Wind Speed Best Fit Line	Intercept:	0.027
	Correlation:	1.00000
	AS-LEFT Meets Both PSD Requirements:	YES

Meteorology:

Temperature (°C):	25.0
Elevation (Feet.):	40
Pressure (mmHg):	759.5

Sensor Height:

Feet Above Ground:	22.5
Roof height in feet.:	0.0
Calculated data to	10.3
meet EPA height:	-22.5
To meet EPA height:	10.3

Calibration Standards:

Standard:	I.D. #:	Cert. Date:	Cert. Factor:
R.M. Young 18310 Torque Disc (0 to 15 gm-cm):		Factory	N.A.
R.M. Young 18810 Selectable Drive (10-1,000 rpm):	20003897	02/07/08	RPM=(Meter*10)+0

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Calibration Data:

Translator:

Zero Scale:		Full Scale:	
DMM Voltage:	Knots:	DMM Voltage:	Knots:
N.A.	N.A.	N.A.	N.A.

Starting Torque:

In gm-cms:	0.2	Starting speed in meters/sec:	0.38
K Factor:	1.4	Meets PSD torque standard:	YES

Speed Accuracy (@ 0 <0.54 & Difference DAS - True <±5% of True)

RPM:	True (y): Knots per Hour	DAS (x): Knots	Difference DAS - True	PSD Difference Data	Meets PSD Difference Standard:
0	0.52	0.50	-0.02	1	YES
50	3.11	3.10	-0.01	0.3%	
110	6.22	6.20	-0.02	0.3%	Absolute Avg. Diff.:
220	11.92	11.85	-0.07	0.5%	0.03
450	23.83	23.80	-0.03	0.1%	
920	48.17	48.15	-0.02	0.0%	

Wind Speed Regression Data

Regression Results:

x Coefficient (Slope):	1.0000
y Constant (Intercept):	0.0270
Number of Observations:	6
Correlation:	0.999999

Corrected RWS:

(DAS * x) + y
0.53
3.13
6.23
11.88
23.83
48.18

Comments:	Pre-Cal for Propanil Application.		
Calibrated by:	Steve Rider	Checked by:	

Rev. 07/00 (SUR)

ARB Calibration Report - Outside Temperature

Calibration Summary:

ID Information:

Station Name:	AutoMet 20005304	Manufacturer:	Met One	AS-IS:	X
Site #:	Phosphine	Model #:	060A-2	FINAL:	
Station Address:	Sacto. 5th St. Warehouse	Serial #:	A6801	Calibration Date:	01/13/09
Agency:	ARB	Translator #:	466A	Report Date:	
		Serial #:	X1042	Previous Cal. Date:	08/21/08

Calibration Info.:

Calibration Results:

	Component:	Outside Temp.
	Instrument Range (degrees centigrade):	-50 to +50
	AS-IS Average Ice Bath Difference (°C):	0.25
	AS-IS Average Ambient Bath Difference (°C):	0.19
	AS-IS Average Hot Bath Difference (°C):	0.34
	Slope:	0.998
Outside Temperature Best Fit Line	Intercept:	-0.209
	Correlation:	1.00000
	AS-IS Meets PSD °C Difference Requirement:	YES

Meteorology:

Temperature (°C):	22.0
Elevation (Feet.):	50
Pressure (mmHg):	759.3

Sensor Height:

Feet Above Ground:	20.5
Feet Above Roof:	N.A.

Calibration Standards:

Standard:	I.D. #:	Cert. Date:	Slope:	Intercept:
Digi-Sense 93410-50 Digital Thermometer	196743	11/19/08	0.9938	-0.0443
Cole Parmer Thermister Probe		N.A.	N.A.	N.A.

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Calibration Data:

If Average Difference of any bath is >0.5°C, correct.

Reference Bath	DAS Degree C (x)	Digital Degree C	True Degree C (y)	Difference DAS - True
ICE	0.36	0.16	0.11	0.25
	0.36	0.16	0.11	0.25
	0.36	0.16	0.11	0.25
Average	0.36		0.11	0.25
AMBIENT	22.14	22.13	21.95	0.19
	22.14	22.11	21.93	0.21
	22.09	22.10	21.92	0.17
Average	22.12		21.93	0.19
HOT	48.04	48.04	47.70	0.34
	48.09	48.05	47.71	0.38
	48.04	48.08	47.74	0.30
Average	48.06		47.71	0.34

Transalator:

Zero Scale:	
N.A.	N.A.
DMM Volts	Degrees C
N.A.	N.A.
Full Scale:	
Regression & Graph Data:	
x	y
0.36	0.11
22.12	21.93
48.06	47.71
PSD Data:	0.25
	0.19
	0.34

Outside Temperature Regression Data

Regression Results:

x Coefficient (Slope):	0.9978
y Constant (Intercept):	-0.2090
Number of Observations:	3
Correlation:	0.999997

Corrected OTEMP:

(DAS * x) + y
0.15
21.87
47.74

Comments:	Post-Phosphine study cal. AutoMet Configs: 179.34 - 72.89		
Calibrated by:	Steve Rider	Checked by:	

Rev. 07/00 (SUR)

ARB Calibration Report - Outside Temperature

Calibration Summary:

ID Information:

Station Name:	Automet 5304	Manufacturer:	Met One	AS-FOUND:	
Site #:	Propanil Application	Model #:	060A-2	AS-LEFT:	X
Station Address:	5th St. Warehouse	Serial #:	A6801	Calibration Date:	06/04/08
Agency:	ARB	Translator #:	466A	Report Date:	09/09/08
		Serial #:	X1042	Previous Cal. Date:	N.A.

Calibration Info.:

Calibration Results:

	Component:	Outside Temp.
	Instrument Range (degrees centigrade):	-50 to 50
	AS-LEFT Average Ice Bath Difference (°C):	0.30
	AS-LEFT Average Ambient Bath Difference (°C):	0.17
	AS-LEFT Average Hot Bath Difference (°C):	0.20
	Slope:	1.002
Outside Temperature Best Fit Line	Intercept:	-0.272
	Correlation:	1.00000
AS-LEFT Meets PSD °C Difference Requirement:		YES

Meteorology:

Temperature (°C):	25.0
Elevation (Feet.):	40
Pressure (mmHg):	759.5

Sensor Height:

Feet Above Ground:	20.0
Feet Above Roof:	N.A.

Calibration Standards:

Standard:	I.D. #:	Cert. Date:	Slope:	Intercept:
Digi-Sense 93410-50 Digital Thermometer	196743	01/29/08	0.9969	-0.0435
Omega KHSS-316U-RSC-12 Thermister Probe	920274	01/29/08	N.A.	N.A.

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Calibration Data:

If Average Difference of any bath is >0.5°C, correct.

Reference Bath	DAS Degree C (x)	Digital Degree C	True Degree C (y)	Difference DAS - True
ICE	0.41	0.15	0.11	0.30
	0.41	0.16	0.12	0.29
	0.41	0.15	0.11	0.30
Average	0.41		0.11	0.30
AMBIENT	23.29	23.23	23.11	0.18
	23.24	23.17	23.05	0.19
	23.18	23.14	23.02	0.16
Average	23.24		23.06	0.17
HOT	49.57	49.59	49.39	0.18
	49.41	49.38	49.18	0.23
	49.35	49.34	49.14	0.21
Average	49.44		49.24	0.20

Transalator:

Zero Scale:	
N.A.	N.A.
DMM Volts	Degrees C
N.A.	N.A.
Full Scale:	
Regression & Graph Data:	
x	y
0.41	0.11
23.24	23.06
49.44	49.24
PSD Data:	0.30
	0.17
	0.20

Outside Temperature Regression Data

Regression Results:

x Coefficient (Slope):	1.0019
y Constant (Intercept):	-0.2718
Number of Observations:	3
Correlation:	0.999998

Corrected OTEMP:

(DAS * x) + y
0.14
23.01
49.27

Comments:	Pre-Propanil application.		
Calibrated by:	Steve Rider	Checked by:	

Rev. 07/00 (SUR)

ARB Calibration Report - % Relative Humidity

Calibration Summary:

ID Information:

Station Name:	Automet 5304	Manufacturer:	Vaisala	AS-IS:	X
Site #:	Propanil	Model #:	HMP45D	FINAL:	
Station Address:	5th St. Warehouse in Sacto.	Serial #:	W4410024	Calibration Date:	01/13/09
Agency:	ARB	Translator #:	466A	Report Date:	
		Serial #:	X1042	Previous Cal. Date:	08/21/08

Calibration Info.:

Calibration Results:

	Component:	Relative Humidity
	Instrument Range (Percent Relative Humidity):	0 to 100
Relative Humidity Best Fit Line	Slope:	0.982
	Intercept:	0.207
	Correlation:	0.99973
	Absolute Average Percent Difference (%RH):	0.9
	AS-IS Meets PSD Requirements:	YES

Meteorology:

Temperature (^{o}C):	22.0
Elevation (Ft.):	50
Pressure (mmHg):	759.3

Sensor Height:

Feet Above Ground:	20.5
Feet Above Roof:	N.A.

Calibration Standards:

Standard:	I.D. #:	Cert. Date:	Cert. Factor:
Rotronic ER25 Calibration Device:	None	Factory	N.A.
Rotronic EA10 Salt Standard:	100702	09/27/07	(10 x 1)+0
Rotronic EA35 Salt Standard:	350704	01/09/08	(35 x 1)+0
Rotronic EA50 Salt Standard:	500604	08/17/06	(50 x 1)+0
Rotronic EA80 Salt Standard:	800705	08/08/07	(80 x 1)+0

==========

Calibration Data:

Translator:

Zero Scale:		Full Scale:	
DMM Voltage:	%RH:	DMM Voltage:	%RH:
N.A.	N.A.	N.A.	N.A.

% Relative Humidity Accuracy (If Any Difference > 5.0%RH, adjust so Avg. Diff. Is <2.0%RH Difference)

TRUE %RH (y)	DAS %RH (x)	DAS Voltage	Difference DAS - True	Meets PSD Criteria
0	-0.2	N.A.	N.A.	YES
9.7	10.2	N.A.	0.5	1
34.5	33.9	N.A.	-0.6	1
49.7	50.8	N.A.	1.1	1
79.9	81.3	N.A.	1.4	1
		ABS Avg. Diff.:	0.9	

Relative Humidity Regression Data

Regression Results:

x Coefficient (Slope):	0.9820
y Constant (Intercept):	0.2071
Number of Observations:	4
Correlation:	0.999726

Corrected %RH:

(DAS * x) + y
0.0
10.2
33.5
50.0
80.0
100.0

Comments:	Post-Phosphine study cal. Post cal. tweaked wet pot. lower. (79.7)			
Calibrated by:	Steve Rider		Checked by:	

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ARB Calibration Report - Relative Humidity

Calibration Summary:

ID Information:

Station Name:	Automrt 5304	Manufacturer:	Vaisala	AS-FOUND:	
Site #:	Propanil Application	Model #:	HMP45D	AS-LEFT:	X
Station Address:	5th St. Warehouse in Sacto.	Serial #:	W4410024	Calibration Date:	06/04/08
Agency:	ARB	Translator #:	466A	Report Date:	09/09/08
		Serial #:	X1042	Previous Cal. Date:	N.A.

Calibration Info.:

Calibration Results:

	Component:	Relative Humidity
	Instrument Range (Percent Relative Humidity):	0 to 100
	Slope:	1.023
Relative Humidity Best Fit Line	Intercept:	0.001
	Correlation:	0.99985
	Absolute Average Percent Difference (%RH):	1.0
	AS-LEFT Meets PSD Requirements:	YES

Meteorology:

Temperature (^{o}C):	25.0
Elevation (Ft.):	40
Pressure (mmHg):	759.5

Sensor Height:

Feet Above Ground:	20.0
Feet Above Roof:	N.A.

Calibration Standards:

Standard:	I.D. #:	Cert. Date:	Cert. Factor:
Rotronic ER25 Calibration Device:	None	Factory	N.A.
Rotronic EA10 Salt Standard:	100401	07/26/08	(10 x 1)+0
Rotronic EA35 Salt Standard:	350501	01/11/05	(35 x 1)+0
Rotronic EA50 Salt Standard:	500501	01/07/05	(50 x 1)+0
Rotronic EA80 Salt Standard:	800501	01/10/05	(80 x 1)+0

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Calibration Data:

Translator:

Zero Scale:		Full Scale:	
DMM Voltage:	%RH:	DMM Voltage:	%RH:
N.A.	N.A.	N.A.	N.A.

% Relative Humidity Accuracy (If Any Difference > 5.0%RH, adjust so Avg. Diff. Is <2.0%RH Difference)

TRUE %RH (y)	DAS %RH (x)	DAS Voltage	Difference DAS - True	Meets PSD Criteria
0	0.0	N.A.	N.A.	YES
10.0	10.1	N/A	0.1	1
35.0	33.5	N/A	-1.5	1
50.0	49.2	N/A	-0.8	1
80.0	78.3	N/A	-1.8	1
		ABS Avg. Diff.:	1.0	

Relative Humidity Regression Data

Regression Results:

X Coefficient (Slope):	1.0231
Y Constant (Intercept):	0.0005
Number of Observations:	4
Correlation:	0.999853

Corrected %RH:

(DAS * x) + y
0.0
10.3
34.3
50.3
80.1
100.0

Comments:	Pre-Application Cal.

ARB Calibration Report - Resultant Wind Direction

Calibration Summary:

ID Information:

Station Name:	Automet 5304	Manufacturer:	Met One	AS-IS:	X
Site #:	Phosphine	Model #:	020C-1	FINAL:	
Station Address:	Sacto. 5th St. Warehouse	Serial #:	A6978	Calibration Date:	01/13/09
Agency:	ARB	Translator #:	466A	Report Date:	
		Serial #:	X1042	Previous Cal. Date:	08/22/08

Calibration Info.:

Calibration Results:

Component:		Wind Direction
Instrument Range (degrees):		0 to 360
AS-IS Azimuth in relation to True North (deg):		1.1
AS-IS Starting Torque (gm-cms):		4.9
AS-IS Absolute Average Difference (degrees):		1.8
	Slope:	1.017
Wind Direction Best Fit Line	Intercept:	-2.071
	Correlation:	0.99999
AS-IS Meets Both PSD Requirements:		YES

For FINAL, see next page.

Meteorology:

Temperature (°C):	22.0
Elevation (Feet.):	50
Pressure (mmHg):	759.3

Sensor Height:

Feet Above Ground:	22.5
Roof height in feet.:	0.0
Calculated data to	10.3
meet EPA height:	-22.5
To meet EPA height:	10.3

Calibration Standards:

Standard:	I.D. #:	Cert. Date:	Cert. Factor:
Brunton 5008 Pocket Transit	5081192140	Factory	WYSIWYG
R.M. Young 18310 Torque Disk	N.A.	Factory	N.A.
Met One 040 Degree Fixture	N.A.	Factory	WYSIWYG

==========

Calibration Data:

AS-IS Condition (0 to 360° only):

Declination of Site (Degrees East):	15.0	Translator:	DMM Voltage:	Degrees:
Calculated True North Heading:	345.0	Zero Scale:	N.A.	N.A.
Crossarm Orientation Uncorrected Transit Reading:	345.0	Half Scale:	N.A.	N.A.
Crossarm Degrees in Relation to True North:	0.0		gram-centimeters:	4.9
DAS Output with Vane Parallel to Crossarm:	1.1	Starting	K Factor:	38
DAS Output Degrees off from True North:	-358.9	Torque:	Speed in m/sec.:	0.36
Azimuth computed from above measurements:	1.1		Meets torque std.:	YES

Direction Accuracy:

True Degrees (y):	DAS Degrees (x):	Difference DAS - True	Calculated Data to Meet PSD Direction
10	11.1	1.1	
90	91.2	1.2	1
180	179.8	-0.2	1
270	267.4	-2.6	1
350	346.0	-4.0	1

PSD Correction:
1.1
Absolute Avg. Diff.:
1.8
Meets PSD Difference Standard:
YES

Wind Direction Regression Data

Regression Results:

x Coefficient (Slope):	1.0166
y Constant (Intercept):	-2.0705
Number of Observations:	5
Correlation:	0.999988

Corrected RWD:

(DAS * x) + y
9.2
90.6
180.7
269.8
349.7

ARB Calibration Report - Resultant Wind Direction

FINAL Condition (0 to 360° only):

Declination of Site (Degrees East):	15.0	FINAL PSD Correction	Calculated Data to Meet PSD Direction
Calculated True North Heading:	345.0		
Crossarm Orientation Uncorrected Transit Reading:		15.0	
Crossarm Degrees in Relation to True North:	15.0	FINAL Meets Direction Standard	1
DAS Output with Vane Parallel to Crossarm:			0
DAS Output Degrees off from True North:	-360.0		1
Azimuth computed from above measurements:	15.0	NO	0

Comments:	Post-Phosphine study cal.			
Calibrated by:	Steve Rider		Checked by:	

ARB Calibration Report - Resultant Wind Direction

Calibration Summary:

ID Information:

Station Name:	Automet 5304	Manufacturer:	Met One	AS-FOUND:	
Site #:	Propanil Application	Model #:	020C-1	AS-LEFT:	X
Station Address:	Sacto. 5th St. Warehouse	Serial #:	A6978	Calibration Date:	06/04/08
Agency:	ARB	Translator #:	466A	Report Date:	09/09/08
		Serial #:	X1042	Previous Cal. Date:	N.A.

Calibration Info.:

Calibration Results:

Component:		Wind Direction
Instrument Range (degrees):		0 to 360
AS-LEFT Azimuth in relation to True North (deg):		1.4
AS-LEFT Starting Torque (gm-cms):		3.4
AS-LEFT Absolute Average Difference (degrees):		1.7
	Slope:	1.013
Wind Direction Best Fit Line	Intercept:	-1.015
	Correlation:	0.99999
AS-LEFT Meets Both PSD Requirements:		YES

Meteorology:

Temperature (^{o}C):	25.0
Elevation (Feet.):	40
Pressure (mmHg):	759.5

Sensor Height:

Feet Above Ground:	22.5
Roof height in feet.:	0.0
Calculated data to	10.3
meet EPA height:	-22.5
To meet EPA height:	10.3

Calibration Standards:

Standard:	I.D. #:	Cert. Date:	Cert. Factor:
Brunton 5008 Pocket Transit	5081192140	Factory	WYSIWYG
R.M. Young 18310 Torque Disk	N.A.	Factory	N.A.
Met One 040 Degree Fixture	N.A.	Factory	WYSIWYG

==========

Calibration Data:

Direction Accuracy:

True Degrees (y):	DAS Degrees (x):	Difference DAS - True	Calculated Data to Meet PSD Direction
10	10.5	0.5	
90	90.5	0.5	1
180	179.0	-1.0	1
270	266.5	-3.5	1
354	351.0	-3.0	1
	Absolute Avg. Diff.:	1.7	

Translator:	DMM Voltage:	Degrees:
Zero Scale:	N.A.	N.A.
Half Scale:	N.A.	N.A.
Starting Torque:	gram-centimeters:	3.4
	K Factor:	38
	Speed in m/sec.:	0.30
	Meets torque std.:	YES
	PSD Correction:	1.4

Wind Direction Regression Data

Regression Results:

x Coefficient (Slope):	1.0129
y Constant (Intercept):	-1.0151
Number of Observations:	5
Correlation:	0.999986

Corrected RWD:

(DAS * x) + y
9.6
90.7
180.3
268.9
354.5

AS-LEFT Condition (0 to 360° only):

			Calculated Data to Meet PSD Direction
Declination of Site (Degrees East):	16.3		
Calculated True North Heading:	343.8		
Crossarm Orientation Uncorrected Transit Reading:	344.0		
Crossarm Degrees in Relation to True North:	0.3	Meets	1
DAS Output with Vane Parallel to Crossarm:	1.1	Direction	1
DAS Output Degrees off from True North:	-358.9	Standard	1
Azimuth computed from above measurements:	1.4	YES	1

Comments:	Pre. Cal. Ran in Sacto. prior to summer 2008 Propanil study.		
Calibrated by:	Steve Rider	Checked by:	

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ARB Calibration Report - Resultant Wind Speed

Calibration Summary:

ID Information:

Station Name:	Automet 5304	Manufacturer:	Met One	AS-IS:	X
Site #:	Phosphine	Model #:	010C	FINAL:	
Station Address:	Sacto. 5th St. Warehouse	Serial #:	A6703	Calibration Date:	01/13/09
Agency:	ARB	Translator #:	466A	Report Date:	
		Serial #:	X1042	Previous Cal. Date:	08/21/08

Calibration Info.:

Calibration Results:

	Component:	Wind Speed
	Instrument Range (knots per hour):	0 to 86.84
	AS-IS Starting Torque (gm-cm):	0.46
	AS-IS Absolute Avg Speed Difference (Knots):	0.02
	Slope:	1.000
Wind Speed Best Fit Line	Intercept:	0.018
	Correlation:	1.00000
	AS-IS Meets Both PSD Requirements:	YES

Meteorology:

Temperature (°C):	22.0
Elevation (Feet.):	50
Pressure (mmHg):	759.3

Sensor Height:

Feet Above Ground:	22.5
Roof height in feet.:	0.0
Calculated data to	10.3
meet EPA height:	-22.5
To meet EPA height:	10.3

Calibration Standards:

Standard:	I.D. #:	Cert. Date:	Cert. Factor:
R.M. Young 18310 Torque Disc (0 to 15 gm-cm):	N.A.	N.A.	N.A.
R.M. Young 18810 Selectable Drive (10-1,000 rpm):	10329	02/07/08	RPM=(Meter*10)+0

==========

Calibration Data:

Translator:

Zero Scale:		Full Scale:	
DMM Voltage:	Knots:	DMM Voltage:	Knots:
N.A.	N.A.	N.A.	N.A.

Starting Torque:

In gm-cms:	0.3	Starting speed in meters/sec:	0.46
K Factor:	1.4	Meets PSD torque standard:	YES

Speed Accuracy (@ 0 <0.54 & Difference DAS - True <±5% of True)

RPM:	True (y): Knots per Hour	DAS (x): Knots	Difference DAS - True	PSD Difference Data	Meets PSD Difference Standard:
0	0.52	0.50	-0.02	1	YES
50	3.11	3.10	-0.01	0.3%	
110	6.22	6.21	-0.01	0.1%	Absolute Avg. Diff.:
220	11.92	11.88	-0.04	0.3%	0.02
450	23.83	23.80	-0.03	0.1%	
920	48.17	48.14	-0.03	0.1%	

Wind Speed Regression Data

Regression Results:

x Coefficient (Slope):	1.0003
y Constant (Intercept):	0.0179
Number of Observations:	6
Correlation:	1.000000

Corrected RWS:

(DAS * x) + y
0.52
3.12
6.23
11.90
23.83
48.17

Comments:	Post-Phosphine study cal.		
Calibrated by:	Steve Rider	Checked by:	

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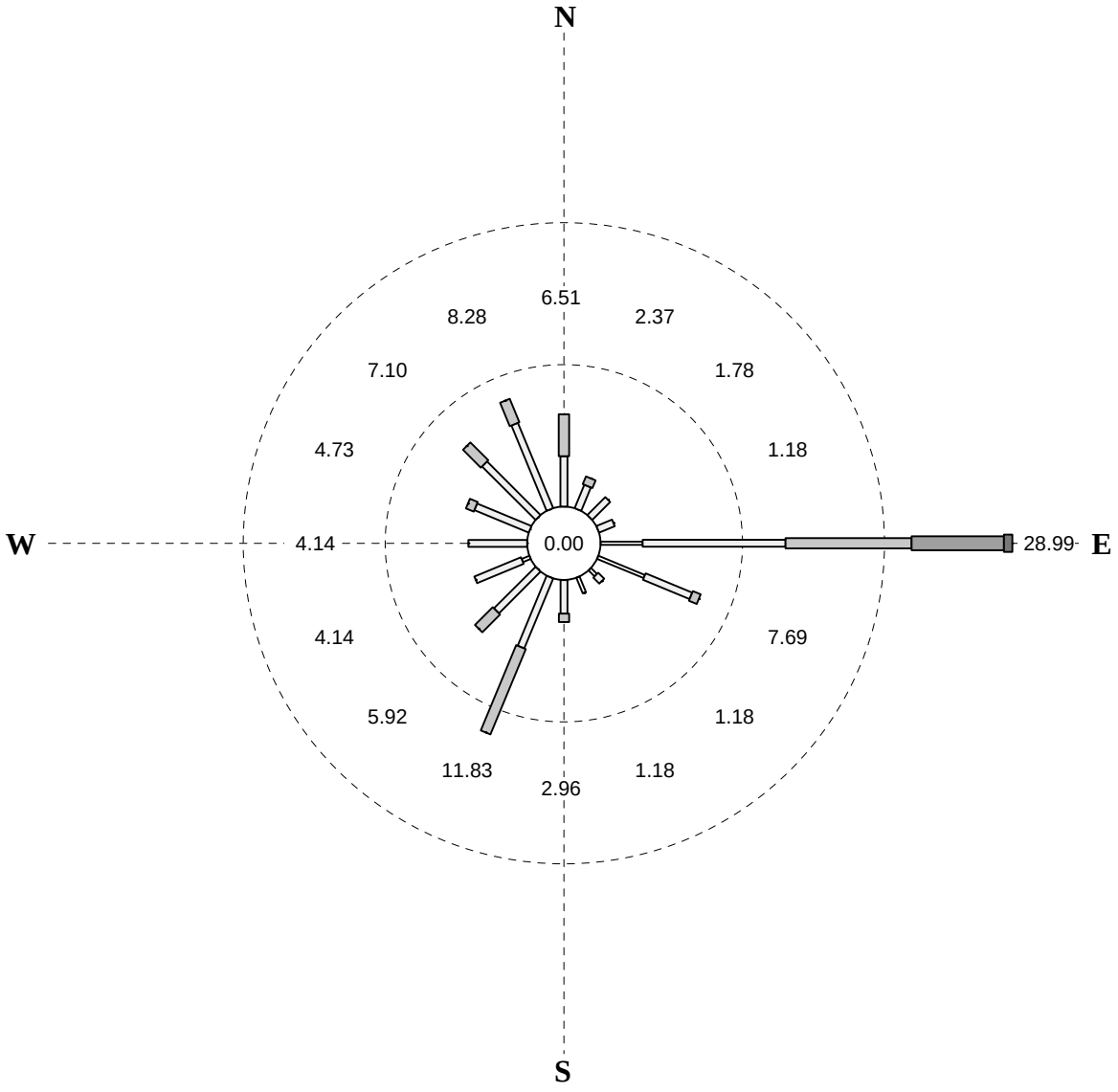
APPENDIX F

Meteorological Data

Joint Frequency Distribution

For Raw Data File W:\PESTIC~2\Phospine2008\Met\Data\PhosphineAeration.csv

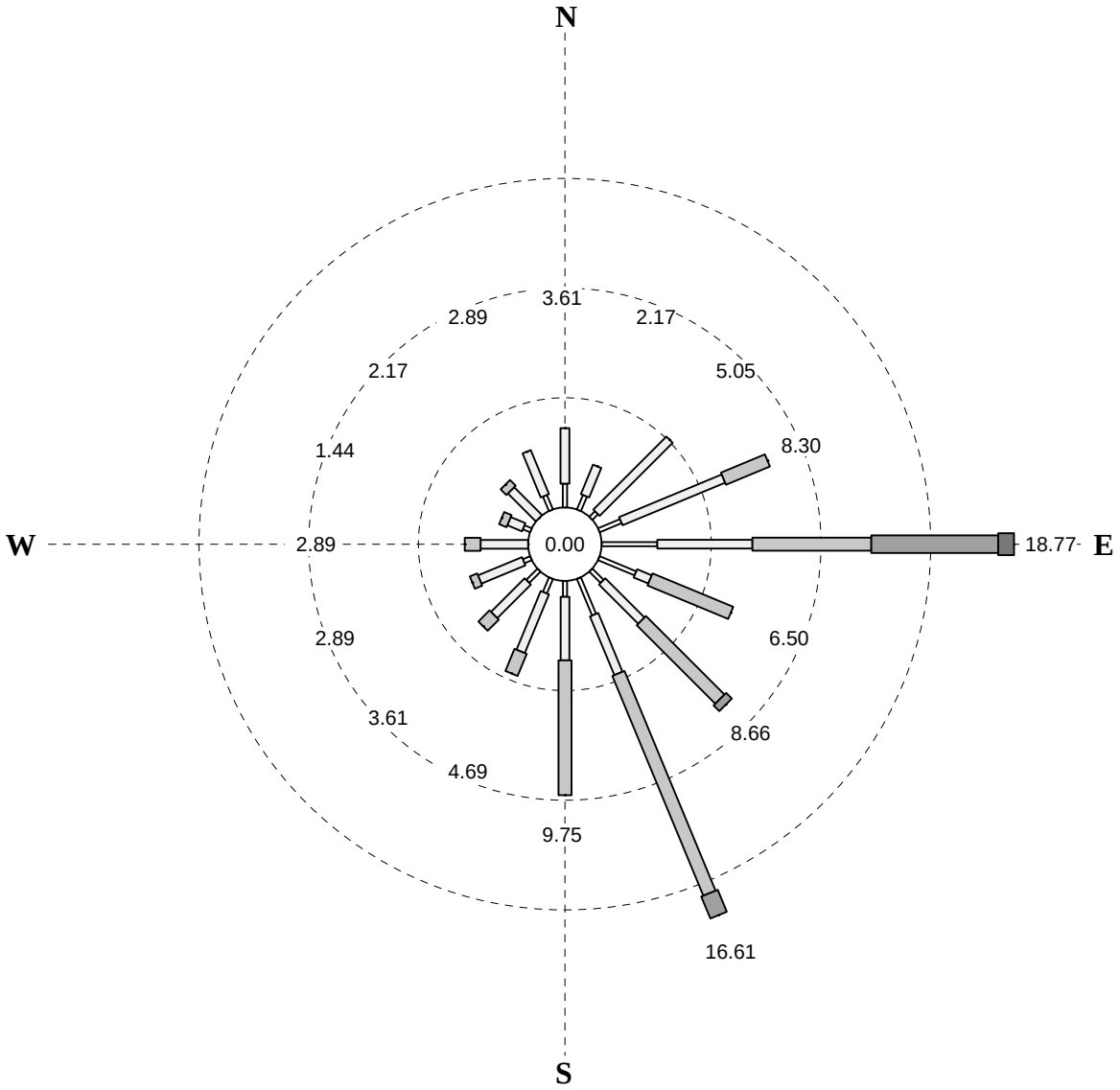


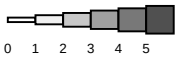
Wind Speed (Knots)

Calms included at center.
Rings drawn at 10% intervals.
Wind flow is FROM the directions shown.
No observations were missing.

Joint Frequency Distribution

For Raw Data File W:\PESTIC~2\Phospine2008\Met\Data\PhosphineBackground.csv



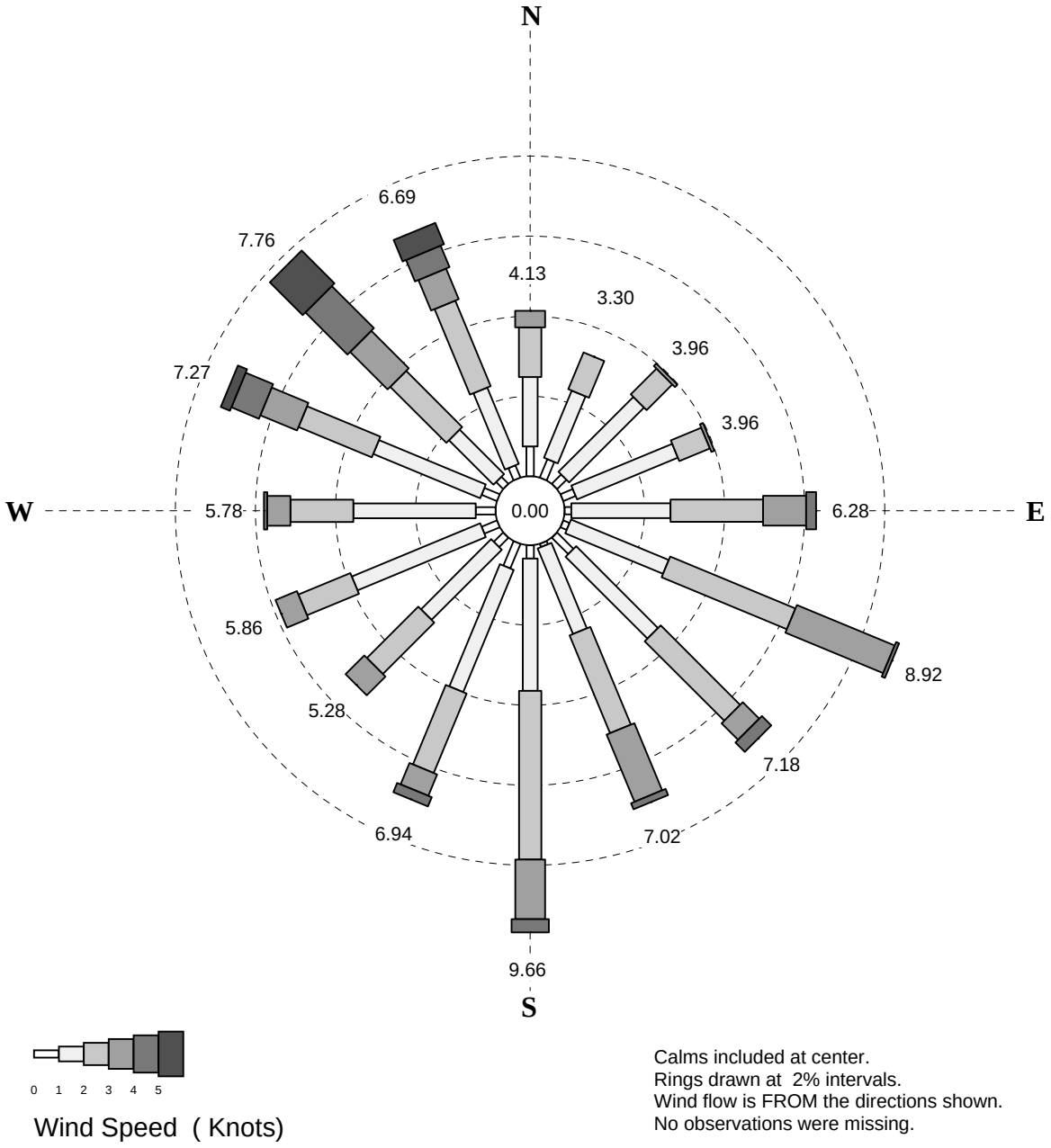


Wind Speed (Knots)

Calms included at center.
Rings drawn at 5% intervals.
Wind flow is FROM the directions shown.
No observations were missing.

Joint Frequency Distribution

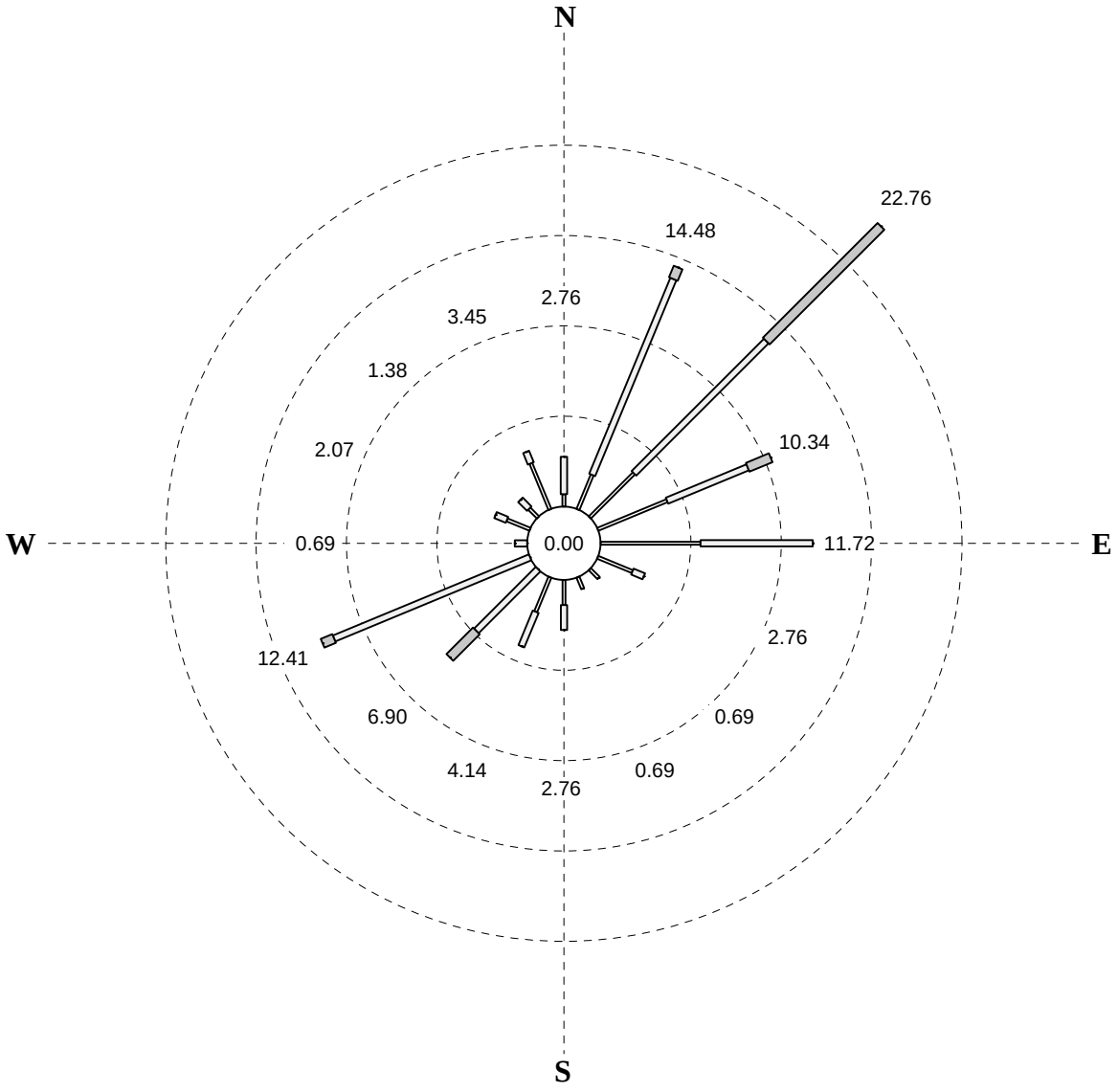
For Raw Data File W:\PESTIC~2\Phospine2008\Met\Data\PhosphineBetween.csv



Calms included at center.
Rings drawn at 2% intervals.
Wind flow is FROM the directions shown.
No observations were missing.

Joint Frequency Distribution

For Raw Data File W:\PESTIC~2\Phospine2008\Met\Data\PhosphineFumigation.csv



Wind Speed (Knots)

Calms included at center.
Rings drawn at 5% intervals.
Wind flow is FROM the directions shown.
No observations were missing.

Phosphine Background Met

Date	Time	RWS KNT	RWD DEG	AT C	RH %RH	BP mmH
12/4/2008	14:00	1.81	54.9	12.89	65.6	757.5
12/4/2008	14:05	2.11	161.9	13.11	65.1	757.4
12/4/2008	14:10	1.41	230.8	13.28	63.2	757.3
12/4/2008	14:15	3	120.6	13.44	64	757.3
12/4/2008	14:20	3.51	155.4	13.6	63.5	757.3
12/4/2008	14:25	2.37	171.3	13.44	63.3	757.3
12/4/2008	14:30	2.73	169.8	13.28	64.8	757.3
12/4/2008	14:35	2.49	112.1	13.39	64.7	757.4
12/4/2008	14:40	2.41	115	13.6	63.9	757.4
12/4/2008	14:45	2.15	142.4	13.66	63.1	757.4
12/4/2008	14:50	1.88	342.2	13.44	62.8	757.5
12/4/2008	14:55	3.23	100.9	13.28	64.3	757.5
12/4/2008	15:00	2.79	71.5	13.17	64.3	757.5
12/4/2008	15:05	2.07	62.1	13.11	64.3	757.5
12/4/2008	15:10	2.09	118.2	13.11	65.3	757.5
12/4/2008	15:15	1.43	146	13.06	65.5	757.6
12/4/2008	15:20	1.67	70.9	13.17	65.4	757.5
12/4/2008	15:25	2.96	178.8	13.17	65.1	757.5
12/4/2008	15:30	2.49	160.2	13	66.8	757.5
12/4/2008	15:35	2.15	156.5	12.95	67.2	757.5
12/4/2008	15:40	2.3	180.3	12.89	66.6	757.5
12/4/2008	15:45	2.28	163.5	12.78	66.9	757.5
12/4/2008	15:50	1.94	166.6	12.67	67.8	757.5
12/4/2008	15:55	1.81	153.1	12.62	68.7	757.5
12/4/2008	16:00	2.05	183.6	12.56	67.8	757.5
12/4/2008	16:05	2.03	178.9	12.46	67.7	757.5
12/4/2008	16:10	2.28	175.7	12.29	68.1	757.5
12/4/2008	16:15	2.56	187.8	12.13	69.5	757.4
12/4/2008	16:20	2.03	197.9	11.96	72.9	757.4
12/4/2008	16:25	1.69	193.4	11.74	74.1	757.3
12/4/2008	16:30	1.88	205.6	11.58	75.2	757.3
12/4/2008	16:35	2.11	183.4	11.42	74.2	757.3
12/4/2008	16:40	2.2	176.4	11.25	74.4	757.3
12/4/2008	16:45	2.17	164	11.03	75.6	757.3
12/4/2008	16:50	2.15	174.6	10.87	76.3	757.3
12/4/2008	16:55	1.86	160.6	10.7	77.4	757.3
12/4/2008	17:00	2.17	163.3	10.54	78.4	757.2
12/4/2008	17:05	2.45	165	10.38	79.2	757.2
12/4/2008	17:10	2.41	161.7	10.16	80.5	757.1
12/4/2008	17:15	2.6	162.5	9.99	81.3	757.1
12/4/2008	17:20	2.49	158.9	9.83	82.1	757.1
12/4/2008	17:25	2.56	166.2	9.72	82.5	757
12/4/2008	17:30	2.47	159.2	9.55	83	756.9
12/4/2008	17:35	2.15	167.5	9.44	83.7	756.9
12/4/2008	17:40	2.34	177.7	9.33	84.6	756.8
12/4/2008	17:45	1.88	175.6	9.23	86.3	756.7
12/4/2008	17:50	1.98	178.4	9.01	87.1	756.7
12/4/2008	17:55	2	171.2	8.84	86.8	756.7

12/4/2008	18:00	2.07	179.2	8.73	88.2	756.6
12/4/2008	18:05	2.43	161.2	8.68	87.1	756.5
12/4/2008	18:10	2.66	157.4	8.62	87.4	756.5
12/4/2008	18:15	2.24	194.5	8.57	87.8	756.4
12/4/2008	18:20	2.6	170.1	8.35	88.1	756.4
12/4/2008	18:25	2.66	156.3	8.24	89	756.3
12/4/2008	18:30	2.73	155.6	8.19	88.9	756.4
12/4/2008	18:35	3.06	148.3	8.19	89.3	756.4
12/4/2008	18:40	3.13	142.6	8.24	89.8	756.4
12/4/2008	18:45	2.62	155.2	8.24	88.5	756.5
12/4/2008	18:50	2.07	160.7	8.13	88.2	756.5
12/4/2008	18:55	2.3	156.2	8.02	88.9	756.5
12/4/2008	19:00	2.53	155.3	7.97	89.4	756.5
12/4/2008	19:05	2.47	155.3	7.91	89.4	756.5
12/4/2008	19:10	2.49	141.3	7.91	90.6	756.5
12/4/2008	19:15	2.09	133.9	7.91	91	756.6
12/4/2008	19:20	2.05	135.3	7.91	90.8	756.6
12/4/2008	19:25	1.96	124.9	7.91	90.4	756.6
12/4/2008	19:30	2.05	135.1	7.75	90.2	756.6
12/4/2008	19:35	2.45	139.4	7.69	90.8	756.7
12/4/2008	19:40	2.13	125.5	7.64	90.8	756.7
12/4/2008	19:45	2.53	134	7.58	91.1	756.6
12/4/2008	19:50	2.26	132.1	7.53	90.8	756.7
12/4/2008	19:55	2.24	135.7	7.53	91.5	756.7
12/4/2008	20:00	2.03	141.7	7.47	91.5	756.8
12/4/2008	20:05	1.9	134.6	7.42	91.3	756.9
12/4/2008	20:10	2.39	139.1	7.36	91.7	756.9
12/4/2008	20:15	2.73	151	7.31	91.8	757
12/4/2008	20:20	2.9	149.3	7.25	91.7	757
12/4/2008	20:25	3.26	147.4	7.2	92.4	757.1
12/4/2008	20:30	2.75	146.4	7.2	92.5	757.1
12/4/2008	20:35	1.88	126.8	7.2	92.5	757.2
12/4/2008	20:40	2.07	112.5	7.15	91.9	757.2
12/4/2008	20:45	2.68	110	7.04	91.6	757.2
12/4/2008	20:50	2.43	99.1	6.93	91.5	757.2
12/4/2008	20:55	2.64	93.5	6.71	92.1	757.3
12/4/2008	21:00	2.15	85.5	6.49	92.6	757.3
12/4/2008	21:05	1.9	85.6	6.32	92.7	757.4
12/4/2008	21:10	1.75	90.2	6.11	93	757.4
12/4/2008	21:15	1.75	89.2	6	94	757.5
12/4/2008	21:20	1.35	94.3	5.89	93.7	757.5
12/4/2008	21:25	1.37	97.2	5.67	93.5	757.5
12/4/2008	21:30	1.88	89.1	5.56	94.9	757.6
12/4/2008	21:35	2.28	93.8	5.61	95.6	757.6
12/4/2008	21:40	3.43	89.2	5.67	95.6	757.5
12/4/2008	21:45	3.43	87	5.61	95.7	757.5
12/4/2008	21:50	3.72	92.7	5.61	95.9	757.6
12/4/2008	21:55	4.08	90.5	5.67	96.2	757.6
12/4/2008	22:00	3.45	87.3	5.72	96	757.6
12/4/2008	22:05	3.3	89.4	5.72	95.8	757.7
12/4/2008	22:10	3.68	89.1	5.72	95.8	757.7
12/4/2008	22:15	3.11	85.1	5.67	95.5	757.7

12/4/2008	22:20	3.02	90.6	5.61	95.5	757.8
12/4/2008	22:25	3.7	90.9	5.56	95.7	757.9
12/4/2008	22:30	3.28	84	5.5	95.7	758
12/4/2008	22:35	3.11	85.4	5.39	95.5	758.1
12/4/2008	22:40	3.06	87.3	5.28	95.8	758.1
12/4/2008	22:45	2.98	83.9	5.23	96.2	758
12/4/2008	22:50	2.49	79	5.17	96.3	758
12/4/2008	22:55	2.24	78.4	5.17	96.4	758
12/4/2008	23:00	2.24	78.2	5.12	96.6	758
12/4/2008	23:05	1.81	64.4	5.06	96.3	758.1
12/4/2008	23:10	1.71	44.9	4.9	96.2	758.1
12/4/2008	23:15	1.45	44.3	4.68	95.9	758.2
12/4/2008	23:20	1.43	20.1	4.52	96.3	758.2
12/4/2008	23:25	1.37	37.7	4.3	96.1	758.2
12/4/2008	23:30	1.33	59.3	4.19	96.8	758.2
12/4/2008	23:35	1.14	57.6	4.19	97.1	758.2
12/4/2008	23:40	1.24	59.9	4.13	97.1	758.1
12/4/2008	23:45	1.07	53.6	4.08	97.1	758.1
12/4/2008	23:50	0.75	283.7	3.92	96	758.1
12/4/2008	23:55	0.61	203.8	3.48	95.6	758.1
12/5/2008	0:00	1.22	6.6	3.31	96.8	758.2
12/5/2008	0:05	1.45	40.4	3.26	97.3	758.2
12/5/2008	0:10	1.6	55.4	3.26	97.4	758.2
12/5/2008	0:15	1.43	71.1	3.31	98.1	758.1
12/5/2008	0:20	1.81	86.2	3.59	99	758.1
12/5/2008	0:25	2.17	81	3.86	99.3	758.1
12/5/2008	0:30	2.32	86.3	4.13	99.5	758.1
12/5/2008	0:35	2.34	79.5	4.24	99	758.1
12/5/2008	0:40	2.34	81.9	4.19	98.6	758
12/5/2008	0:45	1.96	81.7	4.24	98.9	758.1
12/5/2008	0:50	2.2	90.7	4.19	98.2	758.1
12/5/2008	0:55	1.79	87.4	3.97	97.7	758.2
12/5/2008	1:00	1.31	65.9	3.86	97.7	758.2
12/5/2008	1:05	3.15	90.5	3.81	98.4	758.2
12/5/2008	1:10	4.04	94.3	4.08	99.1	758.1
12/5/2008	1:15	3.21	94.5	4.08	98.2	758
12/5/2008	1:20	3.34	95.9	4.02	98	758
12/5/2008	1:25	2.53	97.8	3.97	98.1	757.9
12/5/2008	1:30	1.75	92.8	4.02	98.2	757.9
12/5/2008	1:35	2.32	87.4	4.02	98.3	758
12/5/2008	1:40	2.64	86.4	4.13	98.5	758
12/5/2008	1:45	2.39	83.8	4.13	97.9	758.1
12/5/2008	1:50	2.34	70.2	4.08	98	758.1
12/5/2008	1:55	1.56	29.3	3.81	96.4	758.2
12/5/2008	2:00	1.77	26.8	3.26	95.6	758.2
12/5/2008	2:05	1.35	63.4	2.98	96.3	758.2
12/5/2008	2:10	0.99	98.5	3.09	97.9	758.1
12/5/2008	2:15	0.65	159.8	2.98	97.5	758.1
12/5/2008	2:20	0.52	203.3	2.77	97.1	758.2
12/5/2008	2:25	0.67	154.2	2.6	97.8	758.2
12/5/2008	2:30	0.63	111.7	2.55	97.9	758.2
12/5/2008	2:35	0.75	97.6	2.44	97.6	758.3

12/5/2008	2:40	1.09	331.9	2.27	97.2	758.3
12/5/2008	2:45	1.35	351.3	2.11	97.3	758.2
12/5/2008	2:50	1.18	40.8	1.94	97.8	758.3
12/5/2008	2:55	1.81	51.9	2.11	99	758.3
12/5/2008	3:00	1.43	56	2.33	99.3	758.2
12/5/2008	3:05	1.14	72.5	2.55	99.3	758.2
12/5/2008	3:10	0.61	120.4	2.38	98.2	758.2
12/5/2008	3:15	0.61	220.6	2.16	97.7	758.2
12/5/2008	3:20	0.75	76.7	2.05	98	758.2
12/5/2008	3:25	1.09	97.8	2.11	98.5	758.1
12/5/2008	3:30	1.26	71.2	2.22	99	758.1
12/5/2008	3:35	0.61	159.2	2.27	98.4	758.1
12/5/2008	3:40	1.11	267.3	1.89	97.3	758.1
12/5/2008	3:45	1.45	358.1	1.78	98.4	758.1
12/5/2008	3:50	1.16	4.8	1.89	99	758.1
12/5/2008	3:55	1.26	359	1.89	99.1	758.2
12/5/2008	4:00	0.9	347.8	1.83	98.7	758.2
12/5/2008	4:05	1.35	345.1	1.56	98.3	758.3
12/5/2008	4:10	1.43	17.5	1.73	99.9	758.3
12/5/2008	4:15	0.9	84.5	1.94	99.8	758.3
12/5/2008	4:20	0.69	128.2	1.89	99	758.3
12/5/2008	4:25	0.63	172.9	1.83	99	758.3
12/5/2008	4:30	0.84	20.3	1.73	98.6	758.3
12/5/2008	4:35	1.31	56.4	1.67	99.3	758.4
12/5/2008	4:40	0.95	80.6	1.78	99.1	758.5
12/5/2008	4:45	0.92	79.6	1.73	98.8	758.5
12/5/2008	4:50	0.52	115.7	1.67	98.5	758.4
12/5/2008	4:55	0.84	104	1.56	98.4	758.4
12/5/2008	5:00	0.75	97	1.56	99	758.4
12/5/2008	5:05	0.95	157.3	1.62	99.1	758.3
12/5/2008	5:10	0.67	110.9	1.78	99.7	758.3
12/5/2008	5:15	0.69	69.1	1.83	99.2	758.4
12/5/2008	5:20	1.09	316.9	1.51	98	758.4
12/5/2008	5:25	0.9	1.6	1.4	98.8	758.4
12/5/2008	5:30	0.73	162.8	1.45	99.6	758.4
12/5/2008	5:35	1.03	268	1.45	99.4	758.4
12/5/2008	5:40	1.39	246.4	1.34	99.3	758.4
12/5/2008	5:45	0.9	231.9	1.4	99.9	758.5
12/5/2008	5:50	1.11	327.1	1.45	100	758.6
12/5/2008	5:55	0.73	2.2	1.45	100.2	758.7
12/5/2008	6:00	0.9	41.6	1.56	100.5	758.7
12/5/2008	6:05	1.03	227	1.73	100.7	758.7
12/5/2008	6:10	0.75	130.5	1.83	100.9	758.7
12/5/2008	6:15	0.54	171.8	2	101	758.8
12/5/2008	6:20	0.78	74.5	2.11	101	758.8
12/5/2008	6:25	0.75	344.3	2.22	100.9	758.9
12/5/2008	6:30	0.78	18.9	2.27	100.9	758.9
12/5/2008	6:35	1.58	246.8	2.33	101	759
12/5/2008	6:40	1.54	197.1	2.44	101	759
12/5/2008	6:45	1.58	293.4	2.49	100.9	759.1
12/5/2008	6:50	1.24	318.1	2.49	101	759.2
12/5/2008	6:55	1.37	272.1	2.66	101.2	759.2

12/5/2008	7:00	1.14	248.5	2.71	101.1	759.3
12/5/2008	7:05	1.41	212.8	2.82	101.2	759.4
12/5/2008	7:10	1.48	191.4	2.93	101.1	759.4
12/5/2008	7:15	1.28	236.9	2.93	101	759.5
12/5/2008	7:20	1.81	162.3	2.93	101	759.5
12/5/2008	7:25	1.75	166.2	2.93	101.1	759.6
12/5/2008	7:30	1.64	171.3	2.98	101.2	759.6
12/5/2008	7:35	1.73	175.5	3.04	101.1	759.7
12/5/2008	7:40	1.28	180.2	3.15	101.4	759.8
12/5/2008	7:45	1.39	148.9	3.31	101.5	759.9
12/5/2008	7:50	1.81	179.7	3.37	101.3	760
12/5/2008	7:55	1.58	205.7	3.48	101.5	760
12/5/2008	8:00	1.05	245.5	3.53	101.5	760.1
12/5/2008	8:05	1.01	267	3.59	101.5	760.1
12/5/2008	8:10	1.56	45.9	3.64	101.4	760.2
12/5/2008	8:15	1.43	56.5	3.64	101.5	760.2
12/5/2008	8:20	2.05	64.8	3.7	101.4	760.3
12/5/2008	8:25	1.58	78.5	3.64	101.4	760.4
12/5/2008	8:30	0.95	91	3.75	101.6	760.4
12/5/2008	8:35	1.11	202.6	3.92	101.8	760.5
12/5/2008	8:40	1.26	328.4	4.02	101.8	760.6
12/5/2008	8:45	1.31	359	4.08	101.6	760.6
12/5/2008	8:50	1.28	337.3	4.08	101.6	760.6
12/5/2008	8:55	1.9	322	4.08	101.5	760.7
12/5/2008	9:00	1.33	308.8	4.02	101.5	760.8
12/5/2008	9:05	1.33	317.9	4.13	101.7	760.8
12/5/2008	9:10	1.94	354.4	4.24	101.8	760.9
12/5/2008	9:15	1.73	52.2	4.35	101.7	761
12/5/2008	9:20	1.26	44	4.41	101.8	761
12/5/2008	9:25	0.97	242.6	4.63	102	761
12/5/2008	9:30	1.11	214.9	4.79	102	761.1
12/5/2008	9:35	1.52	148	5.01	102.1	761.1
12/5/2008	9:40	2.09	166.1	5.06	101.8	761.2
12/5/2008	9:45	1.84	138.6	5.06	101.7	761.2
12/5/2008	9:50	2.17	161.4	5.12	101.8	761.3
12/5/2008	9:55	2.43	162	5.12	101.7	761.3
12/5/2008	10:00	2.24	155.1	5.23	101.8	761.3
12/5/2008	10:05	1.48	155.1	5.28	101.9	761.4
12/5/2008	10:10	2.03	132.2	5.45	102.1	761.4
12/5/2008	10:15	2.47	115	5.72	102.3	761.5
12/5/2008	10:20	1.75	116.3	5.83	102	761.5
12/5/2008	10:25	2.43	121.8	5.94	102	761.5
12/5/2008	10:30	1.96	65.2	6	101.8	761.5
12/5/2008	10:35	2.87	179	6.05	102	761.6
12/5/2008	10:40	1.9	97.7	6.21	102.1	761.5
12/5/2008	10:45	2.11	137.4	6.38	102	761.6
12/5/2008	10:50	2.15	215.5	6.32	101.6	761.6
12/5/2008	10:55	2.68	196.8	6.38	101.8	761.6
12/5/2008	11:00	2.39	183.8	6.49	101.8	761.6
12/5/2008	11:05	1.26	234.7	6.43	101.6	761.6
12/5/2008	11:10	1.11	270.3	6.49	101.8	761.6
12/5/2008	11:15	1.41	285.3	6.65	101.9	761.6

12/5/2008	11:20	2	128.4	6.93	102.1	761.6
12/5/2008	11:25	2.58	182.2	7.09	101.6	761.5
12/5/2008	11:30	1.64	211.7	6.98	101.1	761.5
12/5/2008	11:35	1.52	171.5	7.04	101.5	761.5
12/5/2008	11:40	2.13	150.3	7.31	101.6	761.5
12/5/2008	11:45	0.86	2	7.36	101.2	761.5
12/5/2008	11:50	2.03	116	7.53	101	761.5
12/5/2008	11:55	2.03	120.3	7.58	100.5	761.5
12/5/2008	12:00	1.71	108.9	7.69	100.1	761.5
12/5/2008	12:05	2.3	120.2	7.8	99.4	761.4
12/5/2008	12:10	1.41	135.7	7.75	98.7	761.4
12/5/2008	12:15	1.88	214.8	7.75	98.7	761.3
12/5/2008	12:20	2.66	273.2	7.75	98.4	761.3
12/5/2008	12:25	2.2	302.2	7.64	98	761.3
12/5/2008	12:30	2.05	304.3	7.64	98.4	761.3
12/5/2008	12:35	2.37	263.4	7.75	98.2	761.3
12/5/2008	12:40	2.53	251.9	7.75	97.7	761.3
12/5/2008	12:45	2.28	226.1	7.75	97.6	761.3
12/5/2008	12:50	1.81	220.2	7.8	97.3	761.2
12/5/2008	12:55	1.96	260.8	7.8	96.9	761.2
12/5/2008	13:00	1.43	257.5	7.86	96.6	761.2

Phosphine Period between Background and Fumigation Met

Date	Time	RWS KNT	RWD DEG	AT C	RH %RH	BP mmHg
12/5/2008	13:05	1.75	227.5	7.97	96.5	761.2
12/5/2008	13:10	2.41	186	8.13	96.4	761.2
12/5/2008	13:15	2.05	199.8	8.13	95.7	761.1
12/5/2008	13:20	1.58	207.3	8.19	95.8	761.1
12/5/2008	13:25	1.69	211.3	8.29	95.6	761.1
12/5/2008	13:30	1.45	147.2	8.4	95.8	761
12/5/2008	13:35	2.03	113.3	8.68	95.1	761
12/5/2008	13:40	1.69	136.9	8.79	93.8	760.9
12/5/2008	13:45	1.67	220.9	8.79	93.3	760.9
12/5/2008	13:50	1.71	243.6	8.79	93.6	760.9
12/5/2008	13:55	2.17	221.5	8.73	93	760.9
12/5/2008	14:00	1.31	213.1	8.62	93.1	760.8
12/5/2008	14:05	2.2	249.6	8.68	93.6	760.8
12/5/2008	14:10	2.9	277.5	8.68	92.7	760.8
12/5/2008	14:15	2.32	255.6	8.62	92.6	760.8
12/5/2008	14:20	2.41	260.4	8.62	93.4	760.8
12/5/2008	14:25	1.86	303.2	8.57	92.7	760.8
12/5/2008	14:30	2.7	278.2	8.57	93	760.8
12/5/2008	14:35	1.86	292.4	8.51	92.5	760.8
12/5/2008	14:40	1.41	357.3	8.46	93.2	760.8
12/5/2008	14:45	1.96	354.5	8.51	92.9	760.8
12/5/2008	14:50	1.81	353.7	8.51	93	760.8
12/5/2008	14:55	1.45	308.6	8.51	92.8	760.8
12/5/2008	15:00	2.15	304.1	8.57	92.9	760.8
12/5/2008	15:05	1.92	298.9	8.51	92.7	760.8
12/5/2008	15:10	1.43	359.6	8.46	93	760.8
12/5/2008	15:15	1.33	1.3	8.51	93	760.8
12/5/2008	15:20	1.37	328.3	8.51	93	760.8
12/5/2008	15:25	1.81	287.5	8.51	93	760.7
12/5/2008	15:30	1.5	215.1	8.51	93.2	760.7
12/5/2008	15:35	1.75	199.8	8.57	93.7	760.8
12/5/2008	15:40	1.86	213.5	8.57	93.7	760.8
12/5/2008	15:45	1.88	201.4	8.62	93.8	760.8
12/5/2008	15:50	2.43	183.7	8.68	93.6	760.8
12/5/2008	15:55	2.34	172.3	8.73	93.2	760.7
12/5/2008	16:00	1.98	171.7	8.79	93	760.8
12/5/2008	16:05	2.17	117.5	8.79	92.5	760.8
12/5/2008	16:10	2.22	131.2	8.84	92.3	760.7
12/5/2008	16:15	1.56	150.6	8.84	93	760.7
12/5/2008	16:20	1.43	124.1	8.84	92.7	760.7
12/5/2008	16:25	2.81	106.1	8.79	92.7	760.7
12/5/2008	16:30	2.45	104.1	8.73	92.9	760.7
12/5/2008	16:35	2.22	109.8	8.62	93.2	760.7
12/5/2008	16:40	1.79	119.6	8.51	93.6	760.7
12/5/2008	16:45	1.69	125.5	8.35	93.9	760.7
12/5/2008	16:50	2.05	115.7	8.19	94.2	760.7
12/5/2008	16:55	1.45	117.5	8.02	94.6	760.7
12/5/2008	17:00	1.35	107.5	7.91	94.9	760.7

12/5/2008	17:05	1.09	126	7.75	95.1	760.7
12/5/2008	17:10	1.52	145.1	7.58	95.5	760.7
12/5/2008	17:15	0.99	97.2	7.53	96	760.7
12/5/2008	17:20	0.99	114.5	7.36	95.7	760.7
12/5/2008	17:25	1.28	112.8	7.25	96.3	760.7
12/5/2008	17:30	1.39	98.3	7.2	96.7	760.7
12/5/2008	17:35	1.11	103.1	7.15	96.6	760.6
12/5/2008	17:40	1.35	125.3	7.04	96.8	760.6
12/5/2008	17:45	1.43	121.9	6.98	97.1	760.7
12/5/2008	17:50	1.52	130.5	6.98	97.3	760.7
12/5/2008	17:55	2.45	171.8	6.93	96.9	760.7
12/5/2008	18:00	2.43	166.9	6.65	96.7	760.7
12/5/2008	18:05	2.6	156	6.49	97.7	760.7
12/5/2008	18:10	2.87	165.5	6.49	98.3	760.7
12/5/2008	18:15	2.81	162.3	6.54	98.8	760.7
12/5/2008	18:20	3.47	161.8	6.6	99.1	760.7
12/5/2008	18:25	3.21	162.8	6.71	99.5	760.7
12/5/2008	18:30	3.55	158.4	6.82	99.9	760.8
12/5/2008	18:35	3.32	154.9	6.93	100.2	760.8
12/5/2008	18:40	3.36	159.4	7.09	100.4	760.8
12/5/2008	18:45	3	169.3	7.2	100.4	760.8
12/5/2008	18:50	2.77	161.7	7.25	100.2	760.8
12/5/2008	18:55	2.66	172.6	7.31	100.4	760.9
12/5/2008	19:00	3.11	176.4	7.36	100.3	760.9
12/5/2008	19:05	2.92	164.3	7.42	100.2	760.9
12/5/2008	19:10	2.3	161	7.47	100.2	761
12/5/2008	19:15	2.45	161.8	7.53	100.2	761
12/5/2008	19:20	2.34	152.4	7.58	100.1	761.1
12/5/2008	19:25	2.75	151.6	7.64	99.9	761.1
12/5/2008	19:30	1.96	136.8	7.69	99.7	761.2
12/5/2008	19:35	1.77	138.1	7.75	99.6	761.2
12/5/2008	19:40	2.13	157.6	7.8	99.3	761.3
12/5/2008	19:45	1.71	145.4	7.86	99.1	761.3
12/5/2008	19:50	3.23	121.9	7.86	98.5	761.3
12/5/2008	19:55	4.34	140.6	7.75	97.6	761.3
12/5/2008	20:00	4.04	147.8	7.69	97.3	761.3
12/5/2008	20:05	2.83	129.2	7.75	97.1	761.3
12/5/2008	20:10	2.7	136.3	7.8	96.9	761.4
12/5/2008	20:15	2.47	126.4	7.8	96.7	761.4
12/5/2008	20:20	2.51	123.1	7.86	96.5	761.4
12/5/2008	20:25	2.77	126.1	7.86	96.1	761.5
12/5/2008	20:30	2.39	120.8	7.8	96	761.5
12/5/2008	20:35	3.36	124.7	7.8	95.6	761.5
12/5/2008	20:40	3.36	119.6	7.75	95.5	761.5
12/5/2008	20:45	3.15	117.4	7.75	95.5	761.5
12/5/2008	20:50	1.94	146.6	7.75	95.7	761.5
12/5/2008	20:55	2.3	130.5	7.75	95.5	761.5
12/5/2008	21:00	3.02	115.6	7.75	95.1	761.6
12/5/2008	21:05	3.66	110.1	7.64	94.9	761.6
12/5/2008	21:10	3.57	109.2	7.58	94.9	761.6
12/5/2008	21:15	3.68	116.7	7.53	95.1	761.6
12/5/2008	21:20	3.21	108	7.42	95.2	761.7

12/5/2008	21:25	4.44	108.6	7.31	95.2	761.7
12/5/2008	21:30	3.91	114.1	7.2	95.4	761.7
12/5/2008	21:35	3.02	129.5	7.2	95.8	761.8
12/5/2008	21:40	3.62	117.5	7.15	96.1	761.8
12/5/2008	21:45	3.47	115.9	7.15	96	761.8
12/5/2008	21:50	3.45	109.4	7.15	96.1	761.9
12/5/2008	21:55	3.85	111.4	7.15	96.2	761.9
12/5/2008	22:00	3.28	102.6	7.09	96.1	761.9
12/5/2008	22:05	3.3	111.3	7.09	96.3	761.9
12/5/2008	22:10	2.32	151.7	7.15	96.6	761.9
12/5/2008	22:15	2.58	169.2	7.2	96.7	761.9
12/5/2008	22:20	2.41	170.7	7.15	96.9	762
12/5/2008	22:25	2.85	174.5	7.15	97	762
12/5/2008	22:30	2.22	169	7.15	97.5	762.1
12/5/2008	22:35	1.94	164.5	7.2	97.4	762.1
12/5/2008	22:40	2.53	179.3	7.2	97.1	762.1
12/5/2008	22:45	2.94	175.9	7.15	97	762.2
12/5/2008	22:50	3.26	146.1	7.09	96.9	762.2
12/5/2008	22:55	1.79	144.4	7.04	96.9	762.2
12/5/2008	23:00	2.09	103.3	6.98	97.2	762.1
12/5/2008	23:05	2.24	145.1	7.04	97.5	762.1
12/5/2008	23:10	2.64	148.9	7.15	97.7	762.1
12/5/2008	23:15	2.87	156.2	7.09	97.3	762.1
12/5/2008	23:20	3.09	175	7.04	97.6	762.1
12/5/2008	23:25	3.11	154.4	7.04	97.7	762.1
12/5/2008	23:30	3.45	161.5	6.98	97.9	762.2
12/5/2008	23:35	3.55	169	6.93	97.9	762.2
12/5/2008	23:40	2.73	137.8	6.87	98.3	762.2
12/5/2008	23:45	3.34	114.3	6.87	98.4	762.2
12/5/2008	23:50	2.41	118	6.87	98.4	762.2
12/5/2008	23:55	2.47	119.4	6.87	98.5	762.1
12/6/2008	0:00	2.17	145.3	6.93	98.5	762.1
12/6/2008	0:05	1.73	147.4	6.98	98.5	762.2
12/6/2008	0:10	1.86	161.6	7.04	98.5	762.2
12/6/2008	0:15	2.37	170.6	7.04	98.7	762.1
12/6/2008	0:20	3.4	165.2	7.04	98.7	762.1
12/6/2008	0:25	3.19	157.1	7.04	98.9	762.1
12/6/2008	0:30	3.21	159	6.98	98.7	762
12/6/2008	0:35	2.68	162.7	6.98	98.9	762
12/6/2008	0:40	3.85	148.8	6.98	98.8	762
12/6/2008	0:45	3.02	150.2	6.98	98.8	761.9
12/6/2008	0:50	2.75	125.4	6.98	99	761.9
12/6/2008	0:55	3.57	110.4	6.98	98.8	761.8
12/6/2008	1:00	2.79	117.4	6.98	98.7	761.8
12/6/2008	1:05	3.49	104.6	6.98	98.5	761.7
12/6/2008	1:10	2.32	113.4	6.98	98.5	761.7
12/6/2008	1:15	2.64	117.4	6.98	98.5	761.7
12/6/2008	1:20	3.66	99.7	6.98	98.2	761.7
12/6/2008	1:25	3.17	112.4	6.93	98.2	761.7
12/6/2008	1:30	4.21	127.1	6.93	98	761.8
12/6/2008	1:35	2.45	162.9	6.87	98	761.8
12/6/2008	1:40	2.87	158.9	6.82	98.2	761.8

12/6/2008	1:45	2.17	161.5	6.82	98.3	761.8
12/6/2008	1:50	2.64	140.3	6.82	98.4	761.8
12/6/2008	1:55	1.96	142	6.82	98.3	761.7
12/6/2008	2:00	2.7	106.8	6.82	98	761.7
12/6/2008	2:05	3.72	105.3	6.76	97.7	761.7
12/6/2008	2:10	2.62	107.1	6.71	97.8	761.7
12/6/2008	2:15	2.39	114.7	6.76	97.9	761.7
12/6/2008	2:20	3.34	104.3	6.76	97.7	761.7
12/6/2008	2:25	3.09	98.1	6.71	97.6	761.6
12/6/2008	2:30	1.84	114.6	6.71	97.4	761.6
12/6/2008	2:35	2.34	118.2	6.71	97.6	761.6
12/6/2008	2:40	3.79	88.8	6.65	97.3	761.6
12/6/2008	2:45	3.81	99.3	6.6	97.1	761.6
12/6/2008	2:50	3.13	98.5	6.49	97.3	761.6
12/6/2008	2:55	3.13	98.1	6.49	97.4	761.5
12/6/2008	3:00	3.47	90	6.43	97.4	761.5
12/6/2008	3:05	3.64	93.2	6.38	97.4	761.5
12/6/2008	3:10	3.57	89.1	6.32	97.5	761.5
12/6/2008	3:15	3.04	101.9	6.32	97.7	761.4
12/6/2008	3:20	3.11	93.1	6.27	97.7	761.4
12/6/2008	3:25	3.23	93.1	6.21	97.8	761.4
12/6/2008	3:30	2.62	94.7	6.16	97.9	761.5
12/6/2008	3:35	2.56	108.8	6.16	98.2	761.4
12/6/2008	3:40	2.15	156	6.16	98.5	761.4
12/6/2008	3:45	1.9	144.2	6.21	98.5	761.4
12/6/2008	3:50	1.81	166.9	6.21	98.6	761.3
12/6/2008	3:55	1.18	102.7	6.21	98.6	761.3
12/6/2008	4:00	1.07	119.4	6.21	98.7	761.3
12/6/2008	4:05	1.24	78.9	6.21	98.5	761.3
12/6/2008	4:10	1.45	121.8	6.21	98.7	761.3
12/6/2008	4:15	1.43	114.2	6.21	98.7	761.3
12/6/2008	4:20	2.37	147.9	6.21	98.8	761.4
12/6/2008	4:25	2.81	150.2	6.27	98.8	761.4
12/6/2008	4:30	1.84	158.9	6.21	98.8	761.4
12/6/2008	4:35	1.88	93.5	6.16	99	761.4
12/6/2008	4:40	2.28	133.5	6.16	99.3	761.3
12/6/2008	4:45	2.07	108.4	6.16	99.1	761.3
12/6/2008	4:50	2.24	141.6	6.11	99.2	761.4
12/6/2008	4:55	2.07	187.1	6.11	99.5	761.4
12/6/2008	5:00	2.43	189.5	6.16	99.5	761.5
12/6/2008	5:05	2.32	184.4	6.11	99.4	761.5
12/6/2008	5:10	1.86	187.7	6.11	99.6	761.6
12/6/2008	5:15	1.41	157.9	6.11	99.8	761.5
12/6/2008	5:20	0.84	174.9	6.05	99.6	761.6
12/6/2008	5:25	1.16	160.7	6.05	99.8	761.6
12/6/2008	5:30	2.03	96.3	6.05	99.9	761.7
12/6/2008	5:35	2.58	96.6	6.05	99.9	761.7
12/6/2008	5:40	2.68	85.5	6.05	99.9	761.7
12/6/2008	5:45	2.83	103.4	6.05	99.9	761.8
12/6/2008	5:50	2.45	99.2	6.05	99.9	761.8
12/6/2008	5:55	1.9	104.8	6	99.9	761.7
12/6/2008	6:00	2.28	90.7	6	99.9	761.8

12/6/2008	6:05	1.96	52.3	6	100.1	761.8
12/6/2008	6:10	2.07	57	5.94	100	761.9
12/6/2008	6:15	2.05	77.9	5.94	100.1	761.9
12/6/2008	6:20	2.22	91.6	5.94	100.1	761.9
12/6/2008	6:25	2.39	86.8	5.94	100	761.9
12/6/2008	6:30	1.18	26.9	5.89	100	761.9
12/6/2008	6:35	2	56.9	5.89	100	762
12/6/2008	6:40	1.96	15.7	5.83	100	762
12/6/2008	6:45	2.11	82.8	5.83	100	762
12/6/2008	6:50	2.75	93.6	5.78	99.9	762
12/6/2008	6:55	2.3	92.5	5.72	99.9	762
12/6/2008	7:00	2.51	41.7	5.72	99.9	762
12/6/2008	7:05	2.09	59.3	5.67	99.8	762.1
12/6/2008	7:10	2.07	39.2	5.61	99.8	762.1
12/6/2008	7:15	2.07	28.7	5.61	99.8	762.1
12/6/2008	7:20	1.73	341.3	5.56	99.7	762.1
12/6/2008	7:25	1.37	325.3	5.56	99.8	762.2
12/6/2008	7:30	1.22	43	5.56	99.8	762.2
12/6/2008	7:35	2.41	120	5.61	99.8	762.2
12/6/2008	7:40	1.71	160	5.56	99.7	762.3
12/6/2008	7:45	1.67	158.8	5.61	99.8	762.3
12/6/2008	7:50	1.69	202.5	5.56	99.6	762.3
12/6/2008	7:55	2	186.3	5.61	99.8	762.2
12/6/2008	8:00	2.39	189.3	5.67	99.8	762.2
12/6/2008	8:05	1.75	220.3	5.61	99.7	762.2
12/6/2008	8:10	2.37	176.6	5.67	99.9	762.2
12/6/2008	8:15	1.22	83.4	5.72	100	762.2
12/6/2008	8:20	2.6	179.6	5.72	99.8	762.2
12/6/2008	8:25	2.45	95.1	5.72	99.8	762.1
12/6/2008	8:30	2.24	100.6	5.67	99.5	762.1
12/6/2008	8:35	1.26	98.8	5.61	99.6	762.1
12/6/2008	8:40	1.52	183.3	5.67	99.8	762.2
12/6/2008	8:45	2.13	136.7	5.72	99.8	762.3
12/6/2008	8:50	2.53	114.5	5.78	99.6	762.4
12/6/2008	8:55	1.73	202.4	5.78	99.3	762.4
12/6/2008	9:00	0.97	356.7	5.72	99.1	762.4
12/6/2008	9:05	1.14	347.5	5.72	99.2	762.4
12/6/2008	9:10	1.6	69	5.78	99	762.5
12/6/2008	9:15	1.64	343.6	5.83	98.8	762.5
12/6/2008	9:20	1.48	313.6	5.78	98.7	762.5
12/6/2008	9:25	1.77	237.3	5.83	98.7	762.5
12/6/2008	9:30	2.39	216.5	5.83	98.8	762.6
12/6/2008	9:35	2.26	170.5	5.94	99.1	762.6
12/6/2008	9:40	2.56	196.8	5.89	98.5	762.6
12/6/2008	9:45	2.6	182.2	5.83	98.5	762.5
12/6/2008	9:50	2.77	174.2	5.83	98.7	762.6
12/6/2008	9:55	2.81	175.8	5.89	98.9	762.7
12/6/2008	10:00	1.9	202.9	5.94	98.7	762.7
12/6/2008	10:05	1.69	226	5.94	98.5	762.7
12/6/2008	10:10	2.2	180.2	5.94	98.2	762.6
12/6/2008	10:15	2.24	192.4	5.89	98.2	762.5
12/6/2008	10:20	2.3	147	5.89	98.1	762.5

12/6/2008	10:25	1.67	129.8	5.89	98	762.5
12/6/2008	10:30	1.31	194	5.89	97.9	762.5
12/6/2008	10:35	1.35	134.2	5.94	97.9	762.4
12/6/2008	10:40	1.39	172.7	6.05	98	762.4
12/6/2008	10:45	1.18	131.4	6.11	97.6	762.4
12/6/2008	10:50	1.98	172.8	6.11	97.1	762.4
12/6/2008	10:55	1.9	113.4	6.11	97.3	762.3
12/6/2008	11:00	1.92	45.5	6.16	96.9	762.3
12/6/2008	11:05	2.22	30.7	6.21	96.6	762.2
12/6/2008	11:10	2.17	339.8	6.16	96.2	762.2
12/6/2008	11:15	2.39	319.5	6.16	96.1	762.2
12/6/2008	11:20	1.81	274.4	6.11	95.8	762
12/6/2008	11:25	1.98	277	6.11	95.9	762.1
12/6/2008	11:30	1.6	262.2	6.11	96	762.1
12/6/2008	11:35	1.64	315.6	6.21	96.2	762
12/6/2008	11:40	2.43	265.8	6.27	95.5	762
12/6/2008	11:45	2.45	286.8	6.21	94.8	762
12/6/2008	11:50	2.53	289.1	6.21	94.9	762
12/6/2008	11:55	2.51	313.6	6.21	94.4	761.9
12/6/2008	12:00	2.47	305.6	6.21	94	761.9
12/6/2008	12:05	2.15	299.3	6.27	93.8	761.9
12/6/2008	12:10	2.17	234.5	6.32	94	761.8
12/6/2008	12:15	1.96	237.1	6.38	94	761.7
12/6/2008	12:20	2.79	281.1	6.43	93.7	761.7
12/6/2008	12:25	1.39	302.5	6.49	93.5	761.7
12/6/2008	12:30	1.67	170	6.54	93.8	761.7
12/6/2008	12:35	1.37	41.1	6.65	93.3	761.5
12/6/2008	12:40	1.18	254	6.76	93.5	761.5
12/6/2008	12:45	1.75	289.8	6.87	93.1	761.4
12/6/2008	12:50	2.9	2.5	6.93	92.6	761.3
12/6/2008	12:55	1.94	13.4	6.93	92.4	761.4
12/6/2008	13:00	2.09	12.2	6.93	92.1	761.4
12/6/2008	13:05	1.03	178.4	6.93	91.9	761.4
12/6/2008	13:10	1.88	145.1	6.98	91.9	761.5
12/6/2008	13:15	1.81	81.2	6.93	91.9	761.5
12/6/2008	13:20	1.77	111.6	6.98	92	761.5
12/6/2008	13:25	1.73	241	6.98	91.6	761.5
12/6/2008	13:30	2.15	249.8	6.98	91.6	761.4
12/6/2008	13:35	3.23	177.7	6.98	92.6	761.4
12/6/2008	13:40	1.64	136.5	7.04	92.6	761.4
12/6/2008	13:45	1.26	76	7.09	91.6	761.4
12/6/2008	13:50	1.67	59	7.09	91.5	761.3
12/6/2008	13:55	2.43	141.5	7.15	91.8	761.4
12/6/2008	14:00	1.84	203.9	7.2	91.9	761.4
12/6/2008	14:05	1.92	167.4	7.15	91.9	761.5
12/6/2008	14:10	1.77	213	7.15	92.2	761.4
12/6/2008	14:15	2.05	184.8	7.15	91.6	761.3
12/6/2008	14:20	2.17	88.1	7.09	91.5	761.3
12/6/2008	14:25	2.24	107.5	7.09	90.6	761.3
12/6/2008	14:30	1.67	147.1	7.09	90.8	761.3
12/6/2008	14:35	1.81	177.3	7.09	90.5	761.3
12/6/2008	14:40	1.64	80	7.15	90.7	761.3

12/6/2008	14:45	1.79	49.6	7.2	90	761.3
12/6/2008	14:50	2.79	35.1	7.2	89.6	761.3
12/6/2008	14:55	2.3	351.2	7.15	89.1	761.3
12/6/2008	15:00	1.33	123.1	7.09	90	761.3
12/6/2008	15:05	2.79	96.4	7.09	90.2	761.3
12/6/2008	15:10	1.94	74.5	7.09	89.7	761.3
12/6/2008	15:15	1.35	45.2	7.09	90	761.3
12/6/2008	15:20	1.48	73.1	7.09	90.2	761.3
12/6/2008	15:25	2.41	89	7.15	89.6	761.3
12/6/2008	15:30	2.64	69.1	7.09	89.5	761.2
12/6/2008	15:35	2.09	40.4	7.04	89.5	761.1
12/6/2008	15:40	2	55.7	7.04	89.6	761.2
12/6/2008	15:45	1.37	13.3	6.98	89.2	761.3
12/6/2008	15:50	1.77	34.5	6.98	89.7	761.3
12/6/2008	15:55	2.32	96.8	6.93	90	761.3
12/6/2008	16:00	1.84	156.6	6.98	90.7	761.3
12/6/2008	16:05	1.39	145.2	6.98	91.1	761.3
12/6/2008	16:10	2	170	6.98	91	761.3
12/6/2008	16:15	2.05	174.2	6.98	91.7	761.3
12/6/2008	16:20	2.6	170.5	6.93	91.6	761.3
12/6/2008	16:25	2.17	206.2	6.87	91.5	761.2
12/6/2008	16:30	1.6	286.9	6.76	91.5	761.1
12/6/2008	16:35	1.26	297.6	6.71	92	761.1
12/6/2008	16:40	1.16	215	6.76	92.8	761
12/6/2008	16:45	1.33	188.3	6.76	92.7	760.9
12/6/2008	16:50	0.75	143.6	6.76	92.4	760.9
12/6/2008	16:55	1.6	14.5	6.76	92.1	760.9
12/6/2008	17:00	2.68	240.4	6.71	92.1	760.9
12/6/2008	17:05	2.2	244.2	6.6	92.2	760.9
12/6/2008	17:10	2.17	234.5	6.54	92.2	761
12/6/2008	17:15	2.32	197.1	6.49	93.3	761
12/6/2008	17:20	3.7	186	6.54	93.2	761
12/6/2008	17:25	2.34	172.1	6.49	93.2	761
12/6/2008	17:30	2.47	171	6.43	93.2	760.9
12/6/2008	17:35	1.75	174.6	6.38	93.2	760.8
12/6/2008	17:40	2.32	167.1	6.38	93.7	760.7
12/6/2008	17:45	2.43	191	6.32	93.3	760.7
12/6/2008	17:50	1.75	156.7	6.27	93.2	760.6
12/6/2008	17:55	1.67	179.6	6.27	93.6	760.6
12/6/2008	18:00	2.11	170.7	6.27	94.1	760.7
12/6/2008	18:05	1.45	182.7	6.32	94.3	760.7
12/6/2008	18:10	1.81	155.2	6.32	94.1	760.6
12/6/2008	18:15	1.54	157	6.38	94	760.5
12/6/2008	18:20	1.07	330.4	6.43	94	760.4
12/6/2008	18:25	1.92	349	6.43	93.8	760.3
12/6/2008	18:30	2.34	347.1	6.38	93.7	760.1
12/6/2008	18:35	2.92	347.9	6.32	93.8	760
12/6/2008	18:40	2.9	329.1	6.32	94.1	759.9
12/6/2008	18:45	1.81	17.8	6.27	94.1	760
12/6/2008	18:50	1.26	218	6.21	94.4	760.1
12/6/2008	18:55	2.64	195.6	6.27	94.9	760.4
12/6/2008	19:00	2.32	197.4	6.27	94.9	760.5

12/6/2008	19:05	1.94	281.9	6.21	94.7	760.3
12/6/2008	19:10	1.52	285.4	6.16	94.5	760.2
12/6/2008	19:15	1.69	317.7	6.11	94.6	760.1
12/6/2008	19:20	1.79	33.6	6.05	94.7	760.1
12/6/2008	19:25	1.16	102.5	6.11	95	760.1
12/6/2008	19:30	1.81	113.9	6.11	95.1	760.1
12/6/2008	19:35	1.37	198.2	6.16	95.4	760.1
12/6/2008	19:40	1.41	182.2	6.16	95.2	760
12/6/2008	19:45	2.66	190.6	6.16	94.9	760
12/6/2008	19:50	2.81	194.9	6.11	94.7	760
12/6/2008	19:55	3	196.7	6.05	95	760.1
12/6/2008	20:00	2.75	191.5	6	95.2	760.1
12/6/2008	20:05	2.75	192	6	95.2	760.2
12/6/2008	20:10	3.21	190.3	5.94	95.3	760.3
12/6/2008	20:15	2.41	145.2	5.94	95.6	760.4
12/6/2008	20:20	1.28	298.4	5.89	95.3	760.2
12/6/2008	20:25	1.98	232.8	5.83	95.1	760.2
12/6/2008	20:30	1.86	201.1	5.83	95.5	760.3
12/6/2008	20:35	2.17	129.1	5.83	95.8	760.3
12/6/2008	20:40	1.56	100.8	5.89	95.5	760.3
12/6/2008	20:45	1.62	172.3	5.89	95.4	760.3
12/6/2008	20:50	1.24	265.7	5.83	95.2	760.2
12/6/2008	20:55	1.88	168.8	5.83	95.1	760.3
12/6/2008	21:00	2	113.1	5.83	95.4	760.3
12/6/2008	21:05	1.69	101.4	5.83	94.9	760.2
12/6/2008	21:10	1.94	78.9	5.83	95.1	760.2
12/6/2008	21:15	2.26	124.5	5.83	95.2	760.3
12/6/2008	21:20	2.15	122.1	5.83	95.4	760.3
12/6/2008	21:25	1.75	128.8	5.83	95.6	760.2
12/6/2008	21:30	3	130.3	5.83	95.5	760.3
12/6/2008	21:35	3.15	116.7	5.78	95.4	760.3
12/6/2008	21:40	2.75	128.4	5.72	95.5	760.3
12/6/2008	21:45	2.37	107.9	5.72	95.8	760.3
12/6/2008	21:50	2.45	82.2	5.72	96	760.2
12/6/2008	21:55	2.32	136.4	5.72	96.3	760.3
12/6/2008	22:00	2.87	137.7	5.78	96.5	760.3
12/6/2008	22:05	2.37	113.7	5.83	96.4	760.3
12/6/2008	22:10	2.87	99.5	5.83	96.4	760.2
12/6/2008	22:15	2.24	103	5.83	96.5	760.2
12/6/2008	22:20	4.17	131	5.89	96.3	760.2
12/6/2008	22:25	3.7	103.1	5.83	96	760.1
12/6/2008	22:30	3.38	108.7	5.83	96	760.1
12/6/2008	22:35	2.45	144.8	5.83	96	760
12/6/2008	22:40	2.7	151.9	5.83	96.2	760.1
12/6/2008	22:45	2.22	121.8	5.83	96.2	760.2
12/6/2008	22:50	3.89	116.6	5.83	95.7	760.2
12/6/2008	22:55	3.32	143.5	5.78	95.7	760.3
12/6/2008	23:00	2.87	162	5.72	96	760.3
12/6/2008	23:05	4.46	130	5.67	95.8	760.3
12/6/2008	23:10	3.7	148	5.56	95.8	760.2
12/6/2008	23:15	2.07	137	5.5	96.3	760.1
12/6/2008	23:20	2.43	148.4	5.5	96.6	760.1

12/6/2008	23:25	3.79	152.5	5.56	96.7	760.1
12/6/2008	23:30	3.87	139.2	5.45	96.2	760.2
12/6/2008	23:35	3.85	173.9	5.45	96.8	760.2
12/6/2008	23:40	4.61	166.2	5.45	97.2	760.2
12/6/2008	23:45	3.79	167.9	5.45	97.1	760.1
12/6/2008	23:50	3.62	153.1	5.39	97.2	760.1
12/6/2008	23:55	3	174.1	5.39	97.4	760.1
12/7/2008	0:00	4.44	193.3	5.39	97.1	760.2
12/7/2008	0:05	4.44	182.9	5.34	96.9	760.1
12/7/2008	0:10	3.89	164.1	5.28	97	760.1
12/7/2008	0:15	2.83	161.7	5.23	97.1	760.1
12/7/2008	0:20	2.56	129.6	5.28	97.1	760.1
12/7/2008	0:25	3.06	116.8	5.28	96.9	760
12/7/2008	0:30	2.37	122.3	5.28	96.8	760
12/7/2008	0:35	2.83	172.4	5.28	96.8	760
12/7/2008	0:40	1.56	135.9	5.28	97	759.9
12/7/2008	0:45	3	118	5.34	96.9	759.9
12/7/2008	0:50	2.49	128.4	5.34	97	759.9
12/7/2008	0:55	2.64	122.9	5.39	96.8	759.8
12/7/2008	1:00	3.21	128.8	5.39	96.8	759.8
12/7/2008	1:05	2.22	116.7	5.39	96.9	759.9
12/7/2008	1:10	2.34	143.3	5.45	97.1	759.9
12/7/2008	1:15	2.15	150	5.45	97.1	759.9
12/7/2008	1:20	2.09	130	5.5	96.9	759.9
12/7/2008	1:25	2.51	139.6	5.5	96.8	759.9
12/7/2008	1:30	3.04	110.4	5.5	96.4	759.9
12/7/2008	1:35	1.86	87.9	5.45	96.4	759.9
12/7/2008	1:40	1.56	42.9	5.45	96.5	759.8
12/7/2008	1:45	1.88	58.2	5.45	96.6	759.8
12/7/2008	1:50	2.45	2.3	5.45	96.4	759.7
12/7/2008	1:55	1.77	63.9	5.39	96.2	759.7
12/7/2008	2:00	1.56	134.5	5.45	96.3	759.8
12/7/2008	2:05	2.11	319	5.45	96.1	759.6
12/7/2008	2:10	1.2	337.3	5.39	95.8	759.6
12/7/2008	2:15	1.6	265.9	5.39	96.2	759.6
12/7/2008	2:20	1.2	9.5	5.39	95.7	759.6
12/7/2008	2:25	1.67	169.4	5.39	95.9	759.7
12/7/2008	2:30	1.41	73.9	5.39	96	759.6
12/7/2008	2:35	2.37	24.5	5.39	96	759.6
12/7/2008	2:40	1.71	19	5.39	96	759.5
12/7/2008	2:45	1.58	321.9	5.34	96	759.5
12/7/2008	2:50	1.18	279.6	5.34	95.9	759.4
12/7/2008	2:55	1.37	222.9	5.34	96.1	759.5
12/7/2008	3:00	1.98	285.3	5.34	96	759.4
12/7/2008	3:05	2.03	332.1	5.28	95.8	759.5
12/7/2008	3:10	0.9	31.7	5.28	95.7	759.5
12/7/2008	3:15	1.22	78.1	5.23	95.8	759.4
12/7/2008	3:20	1.05	0	5.23	95.8	759.2
12/7/2008	3:25	1.56	95.2	5.28	95.8	759.1
12/7/2008	3:30	1.35	83	5.28	95.8	759.1
12/7/2008	3:35	1.64	98.2	5.28	95.7	759.1
12/7/2008	3:40	1.18	71.5	5.28	95.8	759.1

12/7/2008	3:45	1.11	55.6	5.34	95.8	759.1
12/7/2008	3:50	1.09	52.2	5.34	95.9	759.2
12/7/2008	3:55	0.82	333.8	5.34	96	759.2
12/7/2008	4:00	1.28	248.6	5.34	96	759.2
12/7/2008	4:05	1.11	208.4	5.34	95.9	759.2
12/7/2008	4:10	1.69	147.5	5.34	96.3	759.2
12/7/2008	4:15	2.07	111.9	5.34	96.3	759.1
12/7/2008	4:20	2.37	105	5.39	96.2	759.1
12/7/2008	4:25	2.41	103.6	5.39	95.9	759
12/7/2008	4:30	1.79	82	5.34	95.9	759.1
12/7/2008	4:35	1.58	112.6	5.34	96.1	759.1
12/7/2008	4:40	1.58	109.3	5.34	96.5	759
12/7/2008	4:45	1.9	95.5	5.34	96.7	758.9
12/7/2008	4:50	2.26	110.2	5.34	96.8	758.8
12/7/2008	4:55	2.56	132.6	5.39	97	758.7
12/7/2008	5:00	2.53	134	5.39	97	758.7
12/7/2008	5:05	1.96	175.4	5.39	97.3	758.7
12/7/2008	5:10	2.13	183.2	5.45	97.4	758.7
12/7/2008	5:15	2.07	205.1	5.45	97.7	758.7
12/7/2008	5:20	2.45	236.6	5.45	97.6	758.6
12/7/2008	5:25	2.07	241.3	5.45	97.4	758.6
12/7/2008	5:30	2.39	199.1	5.45	97.5	758.5
12/7/2008	5:35	1.96	172.4	5.45	97.8	758.5
12/7/2008	5:40	1.86	166.4	5.5	97.9	758.4
12/7/2008	5:45	1.79	188.1	5.5	98	758.4
12/7/2008	5:50	1.73	231.4	5.5	98.1	758.5
12/7/2008	5:55	2.11	224.4	5.45	97.9	758.6
12/7/2008	6:00	2.05	204.8	5.45	98	758.7
12/7/2008	6:05	1.5	203.4	5.45	98.3	758.7
12/7/2008	6:10	1.69	195.5	5.5	98.5	758.7
12/7/2008	6:15	1.43	161.9	5.56	98.5	758.7
12/7/2008	6:20	1.9	164.3	5.56	98.2	758.7
12/7/2008	6:25	1.26	200.8	5.56	98.2	758.7
12/7/2008	6:30	1.24	225	5.5	98.2	758.8
12/7/2008	6:35	1.18	285.6	5.5	98.2	758.8
12/7/2008	6:40	0.82	350	5.5	98.2	758.8
12/7/2008	6:45	1.58	328.3	5.56	98.2	758.8
12/7/2008	6:50	2.32	307.1	5.56	98.2	758.9
12/7/2008	6:55	2.07	313.5	5.56	98.2	759
12/7/2008	7:00	2.7	319.6	5.56	98.3	759
12/7/2008	7:05	2.77	292.3	5.56	98.3	758.9
12/7/2008	7:10	2.24	321.1	5.56	98.4	758.9
12/7/2008	7:15	2.85	295.3	5.56	98.5	758.9
12/7/2008	7:20	3.83	316.2	5.5	98.3	758.9
12/7/2008	7:25	2.68	322.2	5.45	98.4	758.8
12/7/2008	7:30	2.96	327.1	5.45	98.5	758.8
12/7/2008	7:35	2.98	322.3	5.45	98.4	758.8
12/7/2008	7:40	2.24	2	5.45	98.5	758.7
12/7/2008	7:45	1.96	12.5	5.45	98.5	758.7
12/7/2008	7:50	2.45	333.6	5.39	98.6	758.7
12/7/2008	7:55	1.96	332.7	5.39	98.6	758.7
12/7/2008	8:00	2.09	5.5	5.39	98.4	758.7

12/7/2008	8:05	2.51	323.3	5.39	98.2	758.7
12/7/2008	8:10	1.43	337.6	5.34	97.8	758.7
12/7/2008	8:15	2.05	342.6	5.34	97.7	758.7
12/7/2008	8:20	2.73	348.7	5.39	97.8	758.7
12/7/2008	8:25	3.68	339.5	5.39	97.6	758.7
12/7/2008	8:30	2.6	356.2	5.34	96.9	758.7
12/7/2008	8:35	1.75	29.2	5.34	97.1	758.7
12/7/2008	8:40	2.2	70	5.39	97.1	758.7
12/7/2008	8:45	3.17	75	5.39	96.9	758.7
12/7/2008	8:50	1.58	16.9	5.34	96.9	758.7
12/7/2008	8:55	2.7	35.9	5.39	96.9	758.8
12/7/2008	9:00	2.77	45.1	5.45	96.8	758.8
12/7/2008	9:05	2.2	72.5	5.45	96.5	758.8
12/7/2008	9:10	1.73	90.1	5.45	96	758.8
12/7/2008	9:15	2	77.4	5.5	95.6	758.8
12/7/2008	9:20	1.71	37.5	5.61	95.4	758.8
12/7/2008	9:25	2.98	1.9	5.72	95.1	758.9
12/7/2008	9:30	1.88	335.1	5.72	94.3	759
12/7/2008	9:35	1.43	280.4	5.78	93.8	759
12/7/2008	9:40	1.86	358.2	5.83	93.9	759
12/7/2008	9:45	2.39	359.6	5.94	93.1	759
12/7/2008	9:50	1.24	109.5	6	92.6	759
12/7/2008	9:55	0.86	293.9	6.11	92.6	759
12/7/2008	10:00	2.6	330.9	6.21	92.2	759
12/7/2008	10:05	2.47	334.4	6.21	92.1	759
12/7/2008	10:10	2.43	348	6.16	91.5	759
12/7/2008	10:15	1.79	182.7	6.16	91.9	759
12/7/2008	10:20	1.81	193.1	6.27	92.6	759.1
12/7/2008	10:25	1.45	105.8	6.49	91.6	759
12/7/2008	10:30	1.58	180.5	6.76	90.2	759
12/7/2008	10:35	1.2	132.3	6.98	89	759
12/7/2008	10:40	1.64	82.8	7.15	87.3	759
12/7/2008	10:45	2.53	18.9	7.09	87.4	759
12/7/2008	10:50	2.92	29.1	6.93	88.3	759
12/7/2008	10:55	2.32	18.6	6.82	89.2	759
12/7/2008	11:00	1.98	28.5	6.71	90	758.9
12/7/2008	11:05	1.71	41.8	6.71	90	758.8
12/7/2008	11:10	1.39	86	6.71	89.9	758.8
12/7/2008	11:15	1.86	64.9	6.87	89.9	758.8
12/7/2008	11:20	1.24	109.2	6.98	89	758.7
12/7/2008	11:25	1.81	190.9	7.09	88.9	758.7
12/7/2008	11:30	1.81	239.5	7.2	88.5	758.7
12/7/2008	11:35	2.51	230.7	7.25	87.5	758.6
12/7/2008	11:40	2.26	190.3	7.31	87.5	758.5
12/7/2008	11:45	1.81	252.9	7.36	87.4	758.6
12/7/2008	11:50	1.6	261.2	7.42	86.4	758.6
12/7/2008	11:55	2.03	293.3	7.53	86	758.5
12/7/2008	12:00	2.09	320.7	7.64	85	758.5
12/7/2008	12:05	1.09	335.2	7.75	84.6	758.5
12/7/2008	12:10	1.71	294.2	8.08	83.9	758.5
12/7/2008	12:15	2.62	250.5	8.4	82.7	758.4
12/7/2008	12:20	2.66	248.9	8.51	82.7	758.4

12/7/2008	12:25	2.41	222.8	8.62	81	758.4
12/7/2008	12:30	3.3	295.6	8.68	80.7	758.5
12/7/2008	12:35	1.67	30.8	8.79	80.6	758.5
12/7/2008	12:40	3.09	277.2	9.12	79.9	758.4
12/7/2008	12:45	3.02	218.8	9.23	78.4	758.4
12/7/2008	12:50	3.36	218.9	9.12	78.7	758.5
12/7/2008	12:55	3.4	267.8	8.9	79.9	758.6
12/7/2008	13:00	3.23	276.8	8.79	80.8	758.6
12/7/2008	13:05	3.28	292	8.73	80.6	758.7
12/7/2008	13:10	4.02	302.8	8.62	81.1	758.6
12/7/2008	13:15	3.62	256.8	8.62	81.4	758.6
12/7/2008	13:20	3.7	287.8	8.84	80.5	758.6
12/7/2008	13:25	2.7	291.9	9.17	78.8	758.7
12/7/2008	13:30	2.81	298.4	9.5	77.7	758.7
12/7/2008	13:35	3.49	284	9.77	75.5	758.6
12/7/2008	13:40	3.55	264.9	9.83	75.1	758.5
12/7/2008	13:45	2.9	291.6	9.88	75.5	758.5
12/7/2008	13:50	4.15	270.4	9.94	74.3	758.5
12/7/2008	13:55	3.13	294.2	9.88	75.3	758.5
12/7/2008	14:00	2.96	300.4	9.94	74.6	758.6
12/7/2008	14:05	3.59	296.4	9.99	74.3	758.5
12/7/2008	14:10	3.15	327.4	9.99	73.9	758.5
12/7/2008	14:15	3.17	330.7	10.1	74.1	758.4
12/7/2008	14:20	3.02	329.8	10.21	74.6	758.5
12/7/2008	14:25	3.59	353.7	10.38	73.9	758.5
12/7/2008	14:30	3.72	349.5	10.48	73.2	758.4
12/7/2008	14:35	2.85	330.4	10.43	72.6	758.4
12/7/2008	14:40	2.81	345.8	10.38	72.6	758.4
12/7/2008	14:45	3.76	339.7	10.38	72.6	758.4
12/7/2008	14:50	3.93	324.9	10.32	72.8	758.4
12/7/2008	14:55	3.72	335.3	10.32	73.7	758.4
12/7/2008	15:00	4.21	335.3	10.38	73.7	758.3
12/7/2008	15:05	3.68	326.4	10.38	73.4	758.3
12/7/2008	15:10	3.53	310	10.32	74	758.2
12/7/2008	15:15	4.06	336.3	10.32	74.7	758.2
12/7/2008	15:20	4.19	331.7	10.32	74.6	758.2
12/7/2008	15:25	3.68	310.9	10.27	74.8	758.2
12/7/2008	15:30	2.98	317.5	10.27	75.5	758.1
12/7/2008	15:35	2.39	321.7	10.21	76	758
12/7/2008	15:40	3.06	351.5	10.16	76.2	758
12/7/2008	15:45	2.62	335.1	9.99	76.7	758
12/7/2008	15:50	1.98	340.7	9.77	77.8	757.9
12/7/2008	15:55	1.98	336	9.61	79.2	757.9
12/7/2008	16:00	2.41	313.4	9.61	79.3	757.9
12/7/2008	16:05	2.26	337.5	9.66	79.1	757.9
12/7/2008	16:10	3.09	316	9.61	79	757.8
12/7/2008	16:15	2.73	320.1	9.5	79.5	757.8
12/7/2008	16:20	1.69	313.1	9.33	80.5	757.7
12/7/2008	16:25	1.84	307.7	9.12	81.6	757.6
12/7/2008	16:30	1.07	303.4	8.9	82.7	757.6
12/7/2008	16:35	0.99	328.4	8.68	83.6	757.6
12/7/2008	16:40	1.35	299.9	8.46	84.7	757.6

12/7/2008	16:45	1.41	242.9	8.24	85.8	757.6
12/7/2008	16:50	1.67	227.1	8.02	86.8	757.6
12/7/2008	16:55	2.26	250.7	7.8	87.7	757.5
12/7/2008	17:00	1.35	276	7.58	88.5	757.5
12/7/2008	17:05	1.48	279.2	7.42	89.2	757.4
12/7/2008	17:10	0.95	197.6	7.2	89.9	757.3
12/7/2008	17:15	1.01	198.9	7.04	91	757.3
12/7/2008	17:20	1.35	198.9	6.93	91.9	757.3
12/7/2008	17:25	1.73	166.8	6.82	92.2	757.2
12/7/2008	17:30	1.69	185.8	6.65	92.7	757.2
12/7/2008	17:35	1.09	191.2	6.43	93	757.2
12/7/2008	17:40	1.07	195.7	6.27	94	757.2
12/7/2008	17:45	1.67	216.2	6.16	94.7	757.2
12/7/2008	17:50	1.98	266.8	6	94.8	757.2
12/7/2008	17:55	2.26	280.3	5.89	94.7	757.2
12/7/2008	18:00	2.34	289.8	5.72	94.7	757.2
12/7/2008	18:05	1.88	305.5	5.67	95.5	757.2
12/7/2008	18:10	2.28	319	5.67	95.8	757.2
12/7/2008	18:15	3.04	322.7	5.5	95.1	757.3
12/7/2008	18:20	3.04	328.4	5.34	95	757.3
12/7/2008	18:25	2.49	326.3	5.17	95.3	757.3
12/7/2008	18:30	2.51	315.3	5.01	95.7	757.3
12/7/2008	18:35	3.17	322.1	4.9	96.1	757.4
12/7/2008	18:40	2.81	330.4	4.85	96.6	757.3
12/7/2008	18:45	2.41	335.8	4.79	97	757.3
12/7/2008	18:50	2.22	334.5	4.74	97.1	757.2
12/7/2008	18:55	2.07	353.1	4.68	97.3	757.1
12/7/2008	19:00	1.92	15.7	4.57	97.4	757
12/7/2008	19:05	2.41	16.1	4.52	97.5	757
12/7/2008	19:10	1.9	23.7	4.46	97.6	756.9
12/7/2008	19:15	1.69	43	4.35	97.6	756.8
12/7/2008	19:20	1.03	81.4	4.3	97.8	756.8
12/7/2008	19:25	1.39	24.5	4.24	98.1	756.8
12/7/2008	19:30	1.45	8.9	4.19	98	756.8
12/7/2008	19:35	1.48	58.5	4.02	97.7	756.8
12/7/2008	19:40	1.31	93.3	3.92	98.2	756.7
12/7/2008	19:45	1.98	78.5	3.86	98.3	756.7
12/7/2008	19:50	3.28	93.8	3.75	98	756.6
12/7/2008	19:55	4.34	92.8	3.59	98.3	756.4
12/7/2008	20:00	3.53	105.7	3.48	98.7	756.3
12/7/2008	20:05	3.13	103.3	3.42	99.1	756.1
12/7/2008	20:10	3.02	99	3.42	99.3	756
12/7/2008	20:15	2.17	105.7	3.37	99.4	756
12/7/2008	20:20	1.84	103.4	3.37	99.6	756
12/7/2008	20:25	2.75	93.4	3.31	99.6	755.9
12/7/2008	20:30	1.9	81.3	3.31	99.6	756
12/7/2008	20:35	2.7	94.1	3.2	99.5	756
12/7/2008	20:40	1.88	51.3	3.09	99.4	756
12/7/2008	20:45	2.13	38.9	2.88	99	756
12/7/2008	20:50	2.13	26.1	2.71	99.1	756.1
12/7/2008	20:55	2.66	10.1	2.6	99.4	756.2
12/7/2008	21:00	2.58	1.1	2.55	99.8	756.3

12/7/2008	21:05	2.2	9.8	2.6	100	756.2
12/7/2008	21:10	2.66	347.8	2.66	100.1	756.3
12/7/2008	21:15	2.83	342.2	2.71	100.2	756.4
12/7/2008	21:20	3.13	330	2.77	100.2	756.5
12/7/2008	21:25	2.94	341.5	2.82	100.2	756.5
12/7/2008	21:30	2.6	330.5	2.82	100.1	756.5
12/7/2008	21:35	2.22	351.3	2.82	100.1	756.6
12/7/2008	21:40	3.13	346.9	2.77	100.2	756.7
12/7/2008	21:45	3.28	356.9	2.77	100.2	756.7
12/7/2008	21:50	3.21	349.2	2.77	100.2	756.7
12/7/2008	21:55	2.68	337.1	2.77	100.2	756.7
12/7/2008	22:00	2.41	331.6	2.77	100.2	756.8
12/7/2008	22:05	2.07	344.9	2.77	100.4	756.8
12/7/2008	22:10	1.86	348.5	2.77	100.4	756.8
12/7/2008	22:15	1.33	345.1	2.77	100.4	756.8
12/7/2008	22:20	0.99	27.1	2.77	100.4	756.8
12/7/2008	22:25	1.86	37.4	2.71	100.4	756.8
12/7/2008	22:30	1.2	35.2	2.66	100.3	756.8
12/7/2008	22:35	1.09	55.2	2.55	100.4	756.7
12/7/2008	22:40	1.14	2.5	2.49	100.3	756.8
12/7/2008	22:45	2.11	6.6	2.38	100.2	756.9
12/7/2008	22:50	1.35	58	2.27	100.4	756.9
12/7/2008	22:55	1.31	64.8	2.27	100.6	757
12/7/2008	23:00	1.54	64.2	2.27	100.7	757
12/7/2008	23:05	1.81	44.7	2.22	100.5	757
12/7/2008	23:10	1.07	73.7	2.16	100.5	756.9
12/7/2008	23:15	1.48	119	2.05	100.5	756.7
12/7/2008	23:20	1.35	79.7	2.05	100.7	756.7
12/7/2008	23:25	1.5	3.3	2	100.7	756.8
12/7/2008	23:30	1.43	20.7	1.89	100.5	756.8
12/7/2008	23:35	1.39	71.5	1.78	100.6	756.8
12/7/2008	23:40	1.52	41.5	1.73	100.7	756.8
12/7/2008	23:45	1.09	88.6	1.67	100.7	756.7
12/7/2008	23:50	1.67	259.6	1.62	100.7	756.8
12/7/2008	23:55	1.73	259.3	1.51	100.4	756.7
12/8/2008	0:00	1.77	267.1	1.34	100.4	756.6
12/8/2008	0:05	1.75	235.9	1.29	100.6	756.6
12/8/2008	0:10	2.07	238.4	1.23	100.7	756.4
12/8/2008	0:15	1.73	267	1.18	100.7	756.3
12/8/2008	0:20	2.07	292.2	1.12	100.7	756.5
12/8/2008	0:25	1.81	275.1	1.12	100.9	756.5
12/8/2008	0:30	1.69	276.2	1.07	100.9	756.5
12/8/2008	0:35	1.28	296	1.07	100.9	756.5
12/8/2008	0:40	1.35	257.8	1.07	101	756.5
12/8/2008	0:45	2.07	209.8	1.12	101.2	756.4
12/8/2008	0:50	2.45	190	1.18	101	756.2
12/8/2008	0:55	2.34	183.8	1.07	100.9	756.1
12/8/2008	1:00	2.15	177.4	1.01	100.9	756
12/8/2008	1:05	1.71	174.2	0.9	101	756.1
12/8/2008	1:10	1.86	182.6	0.85	101.1	756.1
12/8/2008	1:15	1.73	197.9	0.85	101.3	756.1
12/8/2008	1:20	2.05	202.4	0.85	101.3	756

12/8/2008	1:25	2	215	0.85	101.4	756
12/8/2008	1:30	2.58	218.5	0.9	101.5	756
12/8/2008	1:35	2.05	216.4	0.96	101.5	756
12/8/2008	1:40	2.11	255.2	1.07	101.6	756
12/8/2008	1:45	1.28	258.9	1.12	101.6	756
12/8/2008	1:50	0.95	250.3	1.23	101.6	756
12/8/2008	1:55	1.62	296.3	1.34	101.6	756.1
12/8/2008	2:00	1.86	329.5	1.45	101.6	756.2
12/8/2008	2:05	1.96	317.2	1.51	101.6	756.2
12/8/2008	2:10	2.37	326.3	1.56	101.5	756.3
12/8/2008	2:15	2.09	1.2	1.62	101.6	756.3
12/8/2008	2:20	1.67	347.5	1.78	101.7	756.3
12/8/2008	2:25	1.5	327.6	1.89	101.6	756.2
12/8/2008	2:30	1.41	350.2	1.94	101.6	756.1
12/8/2008	2:35	1.31	24.6	2.05	101.6	756.1
12/8/2008	2:40	1.24	54.7	2.16	101.6	756.1
12/8/2008	2:45	1.5	96.6	2.22	101.6	756
12/8/2008	2:50	1.14	87.8	2.33	101.6	756
12/8/2008	2:55	1.5	68.6	2.38	101.6	756
12/8/2008	3:00	1.75	61.1	2.44	101.5	756.1
12/8/2008	3:05	2.03	67.8	2.49	101.5	756.1
12/8/2008	3:10	1.75	69.4	2.55	101.5	756.2
12/8/2008	3:15	2.09	79.5	2.6	101.6	756.1
12/8/2008	3:20	2.41	43.7	2.71	101.5	756.1
12/8/2008	3:25	2.11	50.6	2.77	101.5	756
12/8/2008	3:30	1.6	61.2	2.82	101.5	756
12/8/2008	3:35	2.28	61.8	2.88	101.5	756.2
12/8/2008	3:40	2.51	45.3	2.88	101.3	756.2
12/8/2008	3:45	1.56	44	2.88	101.3	756.2
12/8/2008	3:50	1.71	58.4	2.88	101.5	756.2
12/8/2008	3:55	1.92	55.7	2.93	101.4	756.2
12/8/2008	4:00	2.03	62.2	2.93	101.3	756.2
12/8/2008	4:05	1.86	55.7	2.93	101.4	756.3
12/8/2008	4:10	1.67	39.9	2.98	101.4	756.4
12/8/2008	4:15	2.05	30.5	2.98	101.5	756.4
12/8/2008	4:20	1.75	47.6	3.04	101.4	756.3
12/8/2008	4:25	1.54	42.9	3.09	101.5	756.3
12/8/2008	4:30	2.05	41.9	3.09	101.5	756.3
12/8/2008	4:35	1.86	64.4	3.09	101.4	756.2
12/8/2008	4:40	2.26	86.9	3.09	101.4	756
12/8/2008	4:45	1.5	80.9	3.09	101.5	756
12/8/2008	4:50	1.07	359	3.15	101.5	756
12/8/2008	4:55	1.03	351.1	3.2	101.5	756
12/8/2008	5:00	0.78	304.3	3.2	101.6	756
12/8/2008	5:05	0.88	329.2	3.26	101.6	756
12/8/2008	5:10	0.9	266.5	3.26	101.6	756
12/8/2008	5:15	0.99	217	3.31	101.5	756
12/8/2008	5:20	0.9	202.8	3.31	101.6	756
12/8/2008	5:25	0.97	197.1	3.37	101.6	756
12/8/2008	5:30	1.07	250.5	3.42	101.6	756
12/8/2008	5:35	1.2	273.8	3.42	101.6	756
12/8/2008	5:40	1.07	252.3	3.42	101.6	756

12/8/2008	5:45	0.99	261.7	3.48	101.6	756
12/8/2008	5:50	0.71	239.3	3.53	101.6	756
12/8/2008	5:55	0.52	223.7	3.53	101.6	756
12/8/2008	6:00	0.71	298.1	3.59	101.6	756
12/8/2008	6:05	1.26	288.3	3.64	101.6	756
12/8/2008	6:10	1.41	251.1	3.64	101.6	756
12/8/2008	6:15	1.48	287.4	3.64	101.5	756.1
12/8/2008	6:20	1.88	280.7	3.7	101.6	756.1
12/8/2008	6:25	1.75	283.3	3.7	101.5	756.1
12/8/2008	6:30	1.81	288.4	3.7	101.6	756.1
12/8/2008	6:35	1.96	291.6	3.7	101.5	756.1
12/8/2008	6:40	1.81	302.6	3.7	101.5	756.1
12/8/2008	6:45	1.41	288	3.7	101.6	756.1
12/8/2008	6:50	1.18	346.5	3.75	101.6	756.1
12/8/2008	6:55	1.22	349.7	3.75	101.5	756.1
12/8/2008	7:00	1.05	44.7	3.81	101.6	756.1
12/8/2008	7:05	0.9	34.3	3.81	101.6	756.1
12/8/2008	7:10	1.16	21.3	3.81	101.6	756.1
12/8/2008	7:15	0.84	64.5	3.81	101.6	756.2
12/8/2008	7:20	1.54	76.7	3.92	101.7	756.2
12/8/2008	7:25	1.73	141.1	4.02	101.8	756.2
12/8/2008	7:30	1.35	120.5	4.13	101.8	756.2
12/8/2008	7:35	1.96	118.2	4.19	101.8	756.2
12/8/2008	7:40	2.28	97.8	4.24	101.8	756.3
12/8/2008	7:45	2.39	83	4.24	101.6	756.3
12/8/2008	7:50	2.26	98.5	4.3	101.7	756.3
12/8/2008	7:55	2.64	144	4.41	102	756.2
12/8/2008	8:00	2.58	137.1	4.46	101.9	756.2
12/8/2008	8:05	1.96	151.6	4.57	101.9	756.4
12/8/2008	8:10	2.3	162.2	4.57	101.8	756.4
12/8/2008	8:15	2.26	186	4.57	101.8	756.4
12/8/2008	8:20	1.9	192.4	4.57	101.6	756.6
12/8/2008	8:25	1.37	252	4.57	101.7	756.7
12/8/2008	8:30	1.73	258.8	4.57	101.7	756.7
12/8/2008	8:35	2.32	279.8	4.57	101.7	756.6
12/8/2008	8:40	1.84	281.1	4.57	101.7	756.8
12/8/2008	8:45	2.26	284.2	4.57	101.8	756.8
12/8/2008	8:50	2.28	307.9	4.57	101.6	756.9
12/8/2008	8:55	2.28	303.2	4.57	101.6	756.9
12/8/2008	9:00	2.28	282.7	4.57	101.6	756.9
12/8/2008	9:05	1.96	248.5	4.57	101.7	757
12/8/2008	9:10	2.26	235	4.57	101.6	757
12/8/2008	9:15	1.28	212	4.63	101.6	757.1
12/8/2008	9:20	1.41	197.5	4.68	101.8	757.2
12/8/2008	9:25	1.31	247	4.74	101.8	757.2
12/8/2008	9:30	1.48	258.7	4.79	101.7	757.2
12/8/2008	9:35	1.03	229.5	4.79	101.7	757.2
12/8/2008	9:40	1.09	249.5	4.9	101.9	757.2
12/8/2008	9:45	1.22	266.4	5.01	101.8	757.2
12/8/2008	9:50	1.35	255.9	5.12	101.9	757.2
12/8/2008	9:55	1.18	206.2	5.17	101.8	757.2
12/8/2008	10:00	1.9	254.5	5.28	101.8	757.3

12/8/2008	10:05	1.54	221.3	5.28	101.6	757.3
12/8/2008	10:10	1.73	311.9	5.34	101.8	757.3
12/8/2008	10:15	1.86	263.4	5.45	101.6	757.3
12/8/2008	10:20	2.07	279.3	5.45	101.6	757.4
12/8/2008	10:25	1.98	287.1	5.5	101.5	757.4
12/8/2008	10:30	1.98	301.2	5.56	101.5	757.4
12/8/2008	10:35	2.39	276.6	5.56	101.5	757.3
12/8/2008	10:40	2.68	261.9	5.67	101.4	757.3
12/8/2008	10:45	2.75	293.5	5.67	101.3	757.3
12/8/2008	10:50	2.39	268.1	5.72	101.2	757.3
12/8/2008	10:55	2.77	260.6	5.78	101.2	757.3
12/8/2008	11:00	3.28	256.2	5.89	101.2	757.3
12/8/2008	11:05	3.7	264.4	5.94	101	757.3
12/8/2008	11:10	2.92	277.3	5.89	100.6	757.3
12/8/2008	11:15	3.4	280.8	5.89	100.4	757.3
12/8/2008	11:20	2.98	262	5.83	100.2	757.3
12/8/2008	11:25	3.15	285.4	5.83	100	757.3
12/8/2008	11:30	2.75	285.4	5.83	99.9	757.2
12/8/2008	11:35	3.72	285.7	5.89	99.8	757.2
12/8/2008	11:40	4	302.7	5.94	99.7	757.2
12/8/2008	11:45	3.19	292.7	6.05	99.6	757.1
12/8/2008	11:50	4.72	282.8	6.11	99.6	757
12/8/2008	11:55	4.55	300.6	6.11	99.3	757.1
12/8/2008	12:00	4.53	289.4	6.11	99.2	757
12/8/2008	12:05	5.04	289.1	6.11	99.1	757
12/8/2008	12:10	4.38	288.3	6.05	99	756.9
12/8/2008	12:15	5.01	296.6	6.05	99.1	756.9
12/8/2008	12:20	4.17	303.2	6.05	99	756.9
12/8/2008	12:25	3.68	307.3	6.11	99.3	756.9
12/8/2008	12:30	3.72	309.2	6.16	99.3	756.9
12/8/2008	12:35	4.63	308.3	6.21	99.1	756.8
12/8/2008	12:40	4.51	296.2	6.21	99	756.7
12/8/2008	12:45	5.33	298	6.27	98.8	756.6
12/8/2008	12:50	3.85	310.2	6.32	99.1	756.6
12/8/2008	12:55	3.79	307.4	6.43	99	756.6
12/8/2008	13:00	4.08	300.4	6.49	98.9	756.6
12/8/2008	13:05	4.32	313.3	6.54	98.6	756.5
12/8/2008	13:10	4.15	316.6	6.6	98.5	756.5
12/8/2008	13:15	5.06	314.8	6.65	98.5	756.4
12/8/2008	13:20	4.1	315.6	6.71	98.5	756.4
12/8/2008	13:25	3.38	309.9	6.87	98.7	756.3
12/8/2008	13:30	4.57	308.7	6.93	98.5	756.3
12/8/2008	13:35	4.63	319.4	7.04	98.2	756.3
12/8/2008	13:40	4.42	314	7.09	98.2	756.3
12/8/2008	13:45	5.99	317.9	7.15	98	756.4
12/8/2008	13:50	5.25	314.5	7.2	97.9	756.4
12/8/2008	13:55	5.91	316	7.2	97.7	756.4
12/8/2008	14:00	5.42	316.6	7.25	97.6	756.4
12/8/2008	14:05	5.1	324.9	7.31	97.6	756.4
12/8/2008	14:10	4.4	319.6	7.36	97.6	756.4
12/8/2008	14:15	4.12	311.2	7.42	97.6	756.4
12/8/2008	14:20	4.85	302.7	7.47	97.4	756.3

12/8/2008	14:25	4.42	310.1	7.47	97.4	756.3
12/8/2008	14:30	5.14	314.3	7.53	97.1	756.3
12/8/2008	14:35	4.65	321.8	7.53	97.1	756.3
12/8/2008	14:40	4.93	317.4	7.58	96.9	756.4
12/8/2008	14:45	5.46	316.5	7.58	96.6	756.4
12/8/2008	14:50	4.46	328.4	7.64	96.3	756.5
12/8/2008	14:55	6.16	325.1	7.69	95.7	756.6
12/8/2008	15:00	5.61	325.8	7.69	94.9	756.6
12/8/2008	15:05	5.71	323.4	7.64	94.6	756.6
12/8/2008	15:10	5.25	330.5	7.64	94.5	756.6
12/8/2008	15:15	5.33	328.8	7.64	94.7	756.6
12/8/2008	15:20	5.84	322.3	7.58	94.9	756.6
12/8/2008	15:25	6.22	331.4	7.53	94.5	756.5
12/8/2008	15:30	6.99	326.9	7.47	94.4	756.6
12/8/2008	15:35	6.63	335.6	7.42	94.6	756.6
12/8/2008	15:40	5.38	327.3	7.42	94.9	756.7
12/8/2008	15:45	5.93	321.1	7.36	95	756.6
12/8/2008	15:50	5.54	322.3	7.36	95.1	756.6
12/8/2008	15:55	5.27	330	7.36	95.2	756.6
12/8/2008	16:00	4.85	328.6	7.36	95.2	756.6
12/8/2008	16:05	4.55	321.8	7.36	95.3	756.6
12/8/2008	16:10	4.68	323.9	7.36	95.3	756.7
12/8/2008	16:15	4.29	324	7.36	95.3	756.7
12/8/2008	16:20	4.53	322.9	7.36	95.3	756.8
12/8/2008	16:25	4.34	329.8	7.31	95.2	756.8
12/8/2008	16:30	4.53	329.1	7.31	95.2	756.8
12/8/2008	16:35	4.42	320.2	7.31	95.2	756.8
12/8/2008	16:40	3.45	325.5	7.31	95.2	756.9
12/8/2008	16:45	3.7	319.4	7.31	95.3	756.9
12/8/2008	16:50	4.06	326.2	7.31	95.1	756.9
12/8/2008	16:55	3.28	317.8	7.25	95.1	756.9
12/8/2008	17:00	2.49	309.9	7.25	95.2	756.9
12/8/2008	17:05	2.32	292.1	7.25	95.2	756.9
12/8/2008	17:10	3.23	294	7.2	95.1	756.8
12/8/2008	17:15	3.59	299.3	7.15	94.9	756.8
12/8/2008	17:20	3.09	313.2	7.09	94.9	756.9
12/8/2008	17:25	2.37	313.6	7.04	95.1	757
12/8/2008	17:30	2.2	299.1	7.04	95.3	757
12/8/2008	17:35	2.49	302.9	7.04	95.5	757
12/8/2008	17:40	2.3	315.2	7.04	95.7	757
12/8/2008	17:45	1.96	321.5	7.09	95.7	757
12/8/2008	17:50	2.77	293.9	7.09	95.6	757
12/8/2008	17:55	2.81	300	7.09	95.4	757
12/8/2008	18:00	2.58	310.6	7.15	94.9	757
12/8/2008	18:05	1.98	302.4	7.15	94.3	756.9
12/8/2008	18:10	3.89	274	7.15	93.5	756.9
12/8/2008	18:15	2.92	276.8	7.15	93	757
12/8/2008	18:20	2.83	275.4	7.15	93	757
12/8/2008	18:25	2.58	263.1	7.09	92.7	757
12/8/2008	18:30	2.62	252.4	7.04	92.9	756.9
12/8/2008	18:35	2.2	262	6.98	92.9	756.8
12/8/2008	18:40	2.09	282.6	6.87	93.1	756.8

12/8/2008	18:45	2.56	294.9	6.71	93.3	756.8
12/8/2008	18:50	1.81	295.4	6.6	93.6	756.8
12/8/2008	18:55	1.75	279.8	6.43	93.8	756.8
12/8/2008	19:00	1.48	244.7	6.27	94.3	756.7
12/8/2008	19:05	1.41	235.1	6.16	95.2	756.7
12/8/2008	19:10	1.35	238.9	6.05	95.4	756.7
12/8/2008	19:15	1.35	222.8	5.83	95.4	756.7
12/8/2008	19:20	1.41	208.2	5.72	96	756.7
12/8/2008	19:25	1.26	213.1	5.56	96.5	756.8
12/8/2008	19:30	1.54	199.4	5.45	96.9	756.7
12/8/2008	19:35	1.98	210	5.39	97.3	756.7
12/8/2008	19:40	1.39	211.3	5.23	97.3	756.6
12/8/2008	19:45	1.64	243.3	5.06	97.4	756.6
12/8/2008	19:50	1.71	247	4.9	97.2	756.6
12/8/2008	19:55	1.5	273.6	4.74	97.4	756.6
12/8/2008	20:00	1.67	270.7	4.68	97.6	756.6
12/8/2008	20:05	1.11	284.1	4.63	97.9	756.7
12/8/2008	20:10	0.86	248.2	4.57	98	756.6
12/8/2008	20:15	0.92	278.1	4.46	98	756.7
12/8/2008	20:20	0.82	280.4	4.41	98	756.7
12/8/2008	20:25	0.82	338.7	4.3	98.1	756.7
12/8/2008	20:30	1.11	290.9	4.19	98.4	756.7
12/8/2008	20:35	0.86	265.5	4.13	98.4	756.7
12/8/2008	20:40	0.63	287.9	4.02	98.5	756.7
12/8/2008	20:45	0.54	205.7	3.86	98.3	756.7
12/8/2008	20:50	0.5	182.1	3.75	98.6	756.7
12/8/2008	20:55	0.5	183.3	3.75	99.1	756.7
12/8/2008	21:00	0.84	190.7	3.75	99	756.8
12/8/2008	21:05	0.73	142.9	3.64	99.2	756.8
12/8/2008	21:10	0.52	152.3	3.59	99.3	756.8
12/8/2008	21:15	0.78	202.2	3.42	98.7	756.7
12/8/2008	21:20	0.9	192.2	3.09	98.4	756.7
12/8/2008	21:25	0.86	202.9	3.09	99.5	756.7
12/8/2008	21:30	0.58	252.4	3.2	99.9	756.6
12/8/2008	21:35	0.95	70	3.31	99.9	756.6
12/8/2008	21:40	0.88	110.9	3.42	100	756.7
12/8/2008	21:45	1.14	182.2	3.26	99.3	756.7
12/8/2008	21:50	2.13	183.9	2.93	98.5	756.8
12/8/2008	21:55	2.98	162.8	2.71	99.5	756.8
12/8/2008	22:00	1.98	140.7	3.04	100.9	756.8
12/8/2008	22:05	1.9	143.3	3.2	100.5	756.9
12/8/2008	22:10	1.96	144.2	3.31	100.9	756.8
12/8/2008	22:15	2	127.5	3.53	100.7	756.8
12/8/2008	22:20	2.96	97.1	3.53	100.5	756.7
12/8/2008	22:25	4.15	89.5	3.59	100.7	756.7
12/8/2008	22:30	4.1	87.4	3.7	100.7	756.7
12/8/2008	22:35	3.76	114.1	3.7	100.6	756.8
12/8/2008	22:40	2.37	198.2	3.64	100.1	756.8
12/8/2008	22:45	1.54	156.7	3.48	100.2	756.9
12/8/2008	22:50	1.64	338.6	3.48	100.2	756.9
12/8/2008	22:55	3.13	173.1	3.59	100.8	757
12/8/2008	23:00	2.13	17.1	3.81	100.8	757.1

12/8/2008	23:05	1.48	231.8	3.59	99.9	757.1
12/8/2008	23:10	1.77	247.6	3.42	99.8	757.1
12/8/2008	23:15	1.05	184.7	3.26	99.9	757.2
12/8/2008	23:20	1.77	190.4	3.31	100.2	757.2
12/8/2008	23:25	1.39	234	3.26	100.1	757.2
12/8/2008	23:30	1.79	194.8	3.2	100.1	757.2
12/8/2008	23:35	1.48	181.4	3.31	100.6	757.2
12/8/2008	23:40	1.16	197.1	3.31	100.3	757.2
12/8/2008	23:45	1.33	181.7	3.26	100.2	757.2
12/8/2008	23:50	1.33	201.8	3.26	100.5	757.2
12/8/2008	23:55	1.39	144.1	3.31	100.5	757.3
12/9/2008	0:00	2.09	144.4	3.37	100.9	757.3
12/9/2008	0:05	2	128.4	3.59	101	757.2
12/9/2008	0:10	1.24	236.7	3.59	100.6	757.3
12/9/2008	0:15	1.28	308.9	3.09	99.1	757.3
12/9/2008	0:20	0.82	20	2.77	99.7	757.3
12/9/2008	0:25	1.18	119.8	2.82	100.5	757.3
12/9/2008	0:30	0.97	302.4	2.98	100.6	757.3
12/9/2008	0:35	1.01	65.7	2.93	100.1	757.3
12/9/2008	0:40	0.78	124.4	3.04	100.8	757.3
12/9/2008	0:45	0.78	318.9	3.09	100.4	757.3
12/9/2008	0:50	1.37	314.6	3.04	100.1	757.3
12/9/2008	0:55	1.01	290.7	2.98	100.2	757.3
12/9/2008	1:00	0.69	358.7	3.15	100.8	757.3
12/9/2008	1:05	0.67	37.5	3.42	101.1	757.3
12/9/2008	1:10	0.97	128.6	3.75	101.3	757.3
12/9/2008	1:15	1.84	170.4	4.02	101.6	757.4
12/9/2008	1:20	0.75	203.6	4.3	101.3	757.5
12/9/2008	1:25	0.56	309.4	4.24	100.8	757.6
12/9/2008	1:30	1.81	194.8	4.19	100.7	757.6
12/9/2008	1:35	2.51	175.9	4.24	100.9	757.7
12/9/2008	1:40	2.28	164.4	4.3	100.8	757.8
12/9/2008	1:45	1.56	224.1	4.35	101	757.8
12/9/2008	1:50	2	231	4.41	100.8	757.8
12/9/2008	1:55	2.41	192	4.41	100.7	757.9
12/9/2008	2:00	2.9	191.1	4.35	100.4	758
12/9/2008	2:05	2.3	192.1	4.3	100.4	758.1
12/9/2008	2:10	2.43	186.4	4.24	100.4	758.1
12/9/2008	2:15	2.3	195.3	4.24	100.5	758.2
12/9/2008	2:20	2.41	196.1	4.24	100.4	758.3
12/9/2008	2:25	1.73	208.3	4.19	100.5	758.3
12/9/2008	2:30	1.48	180.6	4.19	100.4	758.3
12/9/2008	2:35	1.41	179	4.19	100.5	758.4
12/9/2008	2:40	1.18	229	4.19	100.6	758.5
12/9/2008	2:45	1.24	242.5	4.13	100.4	758.6
12/9/2008	2:50	1.26	211.9	4.08	100.4	758.6
12/9/2008	2:55	1.35	141.2	4.13	100.6	758.6
12/9/2008	3:00	1.73	161.9	4.13	100.6	758.6
12/9/2008	3:05	1.54	138.7	4.19	100.7	758.6
12/9/2008	3:10	0.99	131.3	4.19	100.7	758.7
12/9/2008	3:15	1.71	165.5	4.19	100.7	758.6
12/9/2008	3:20	1.69	131.2	4.13	100.6	758.6

12/9/2008	3:25	1.81	94.9	4.19	100.9	758.7
12/9/2008	3:30	1.6	137.3	4.24	100.9	758.7
12/9/2008	3:35	1.77	152.7	4.24	100.9	758.7
12/9/2008	3:40	1.54	104	4.3	101	758.8
12/9/2008	3:45	1.56	88.9	4.35	101	758.8
12/9/2008	3:50	1.52	102.8	4.41	101	758.8
12/9/2008	3:55	1.11	130.8	4.52	101.2	758.8
12/9/2008	4:00	1.5	77.2	4.57	100.9	758.9
12/9/2008	4:05	1.52	74.8	4.52	100.7	759
12/9/2008	4:10	1.07	343.7	4.46	100.7	759.1
12/9/2008	4:15	1.22	27.2	4.41	100.6	759.3
12/9/2008	4:20	1.69	55.4	4.46	100.8	759.3
12/9/2008	4:25	2.34	58.3	4.57	100.9	759.4
12/9/2008	4:30	1.73	72	4.68	101	759.4
12/9/2008	4:35	1.18	98.5	4.79	101	759.4
12/9/2008	4:40	1.84	79.6	4.85	100.9	759.4
12/9/2008	4:45	1.69	120.7	4.9	100.9	759.5
12/9/2008	4:50	2.43	78.9	4.96	100.7	759.6
12/9/2008	4:55	1.41	54.8	4.96	100.6	759.6
12/9/2008	5:00	1.56	64.5	4.96	100.7	759.6
12/9/2008	5:05	1.35	32.6	5.01	100.6	759.6
12/9/2008	5:10	1.35	349.1	4.96	100.4	759.7
12/9/2008	5:15	1.54	247.4	4.9	100.4	759.8
12/9/2008	5:20	1.69	256.1	4.9	100.5	759.8
12/9/2008	5:25	0.8	238	4.9	100.4	759.8
12/9/2008	5:30	0.61	226.8	4.9	100.4	759.8
12/9/2008	5:35	0.5	219.6	4.9	100.5	759.9
12/9/2008	5:40	1.39	233.6	4.9	100.4	759.9
12/9/2008	5:45	1.88	259.1	4.85	100.2	760
12/9/2008	5:50	1.88	269	4.79	100.1	760
12/9/2008	5:55	1.2	342.7	4.68	99.9	760
12/9/2008	6:00	1.67	292.7	4.52	99.8	760
12/9/2008	6:05	1.79	322.1	4.35	99.6	760.2
12/9/2008	6:10	1.48	39.6	4.24	99.6	760.2
12/9/2008	6:15	1.01	42.3	4.13	99.7	760.3
12/9/2008	6:20	0.61	4.1	4.08	99.9	760.3
12/9/2008	6:25	0.99	42.5	4.08	100.1	760.3
12/9/2008	6:30	0.97	3.6	4.13	100.2	760.4
12/9/2008	6:35	0.73	10	4.13	100.1	760.4
12/9/2008	6:40	1.31	355.2	4.13	100.2	760.4
12/9/2008	6:45	1.41	354	4.13	100.3	760.5
12/9/2008	6:50	1.16	341.9	4.19	100.5	760.5
12/9/2008	6:55	1.62	359.6	4.24	100.4	760.5
12/9/2008	7:00	1.24	56.7	4.3	100.5	760.6
12/9/2008	7:05	0.86	13	4.41	100.6	760.6
12/9/2008	7:10	1.05	331.2	4.41	100.4	760.6
12/9/2008	7:15	1.62	19.1	4.41	100.3	760.7
12/9/2008	7:20	1.41	339.5	4.41	100.4	760.7
12/9/2008	7:25	1.56	320.5	4.41	100.3	760.7
12/9/2008	7:30	1.2	313.4	4.41	100.3	760.7
12/9/2008	7:35	1.37	352.8	4.41	100.3	760.7
12/9/2008	7:40	0.92	353.9	4.41	100.3	760.8

12/9/2008	7:45	0.69	44.1	4.41	100.3	760.8
12/9/2008	7:50	0.88	64.5	4.46	100.4	760.8
12/9/2008	7:55	0.84	132.9	4.52	100.5	760.9
12/9/2008	8:00	0.67	83.4	4.57	100.5	761
12/9/2008	8:05	1.75	188.8	4.68	100.6	761
12/9/2008	8:10	1.26	208.3	4.74	100.4	761.1
12/9/2008	8:15	0.88	124.1	4.74	100.5	761.2
12/9/2008	8:20	0.82	67.6	4.9	100.7	761.3
12/9/2008	8:25	0.56	33.4	5.12	101	761.3
12/9/2008	8:30	0.97	6	5.28	101	761.4
12/9/2008	8:35	1.35	313.4	5.5	101	761.5
12/9/2008	8:40	1.43	311	5.61	100.9	761.5
12/9/2008	8:45	0.86	20.1	5.78	100.9	761.6
12/9/2008	8:50	0.61	351.9	5.94	100.9	761.7
12/9/2008	8:55	0.86	281.5	6.05	100.8	761.8
12/9/2008	9:00	1.96	250.5	6.21	100.9	761.9
12/9/2008	9:05	1.77	242.5	6.43	100.8	762
12/9/2008	9:10	1.75	263.9	6.54	100.4	762.1
12/9/2008	9:15	2.77	235.8	6.6	100	762.2
12/9/2008	9:20	3.79	238.1	6.54	99.3	762.3
12/9/2008	9:25	3.38	230.8	6.27	98.3	762.3
12/9/2008	9:30	3.38	231.6	6.05	97.9	762.5
12/9/2008	9:35	2.94	228.6	5.94	97.9	762.5
12/9/2008	9:40	2.05	276.9	5.89	97.9	762.5
12/9/2008	9:45	1.73	254.8	5.89	98.2	762.6
12/9/2008	9:50	2.07	227.4	6.05	99	762.6
12/9/2008	9:55	2.13	233.9	6.16	98.8	762.6
12/9/2008	10:00	2.34	232.4	6.27	98.8	762.6
12/9/2008	10:05	1.94	239	6.38	98.7	762.7
12/9/2008	10:10	1.92	248.6	6.54	98.8	762.7
12/9/2008	10:15	2.92	251.8	6.82	99	762.7
12/9/2008	10:20	2.96	225.8	7.04	98.4	762.7
12/9/2008	10:25	3.11	239.7	7.2	98.1	762.7
12/9/2008	10:30	3.59	246.2	7.42	97.4	762.7
12/9/2008	10:35	3.49	243.9	7.58	95.6	762.8
12/9/2008	10:40	3.17	219.9	7.75	95.3	762.8
12/9/2008	10:45	3.66	213.7	8.13	93.9	762.8
12/9/2008	10:50	2.92	198.1	8.51	91.3	762.8
12/9/2008	10:55	2.85	241	8.84	88.3	762.8
12/9/2008	11:00	2.64	238.6	8.95	87.5	762.9
12/9/2008	11:05	2.28	182	9.17	86	763
12/9/2008	11:10	2.85	189.7	9.39	85.6	763
12/9/2008	11:15	3.19	202.5	9.72	83.4	763.1
12/9/2008	11:20	3.55	172.8	9.88	82.1	763.1
12/9/2008	11:25	2.64	183.7	9.88	81.4	763.2
12/9/2008	11:30	2.3	156.1	10.1	81.3	763.3
12/9/2008	11:35	3.13	220.1	10.59	78.7	763.3
12/9/2008	11:40	3.91	206.1	10.81	76.1	763.4
12/9/2008	11:45	3.4	160.4	10.87	75.1	763.4
12/9/2008	11:50	3.32	121.8	11.09	74.4	763.5
12/9/2008	11:55	3.06	178.5	11.36	73.3	763.5
12/9/2008	12:00	3.04	181.8	11.14	71.3	763.5

12/9/2008	12:05	3.19	189.2	10.98	74.1	763.6
12/9/2008	12:10	3.76	186.4	11.42	72.5	763.6
12/9/2008	12:15	4.23	195.5	11.69	68.9	763.6
12/9/2008	12:20	4.95	171.9	11.63	69.7	763.6
12/9/2008	12:25	2.47	172.1	11.69	69	763.6
12/9/2008	12:30	3.36	186.1	11.69	68.6	763.6
12/9/2008	12:35	3.15	51.3	11.91	66.5	763.6
12/9/2008	12:40	2.09	188	11.85	69	763.6
12/9/2008	12:45	4.46	187	11.91	68.7	763.7
12/9/2008	12:50	3.3	166.4	11.91	69.2	763.7
12/9/2008	12:55	3.13	132.8	12.07	69.3	763.7
12/9/2008	13:00	2.58	119.4	12.35	68.3	763.7
12/9/2008	13:05	2.41	33.4	12.56	66.4	763.7
12/9/2008	13:10	2.13	112.3	12.62	65.8	763.7
12/9/2008	13:15	2.62	106.1	12.78	64.3	763.7
12/9/2008	13:20	3.21	156.4	13	63.4	763.7
12/9/2008	13:25	4.61	184.9	13.06	63.7	763.7
12/9/2008	13:30	2.79	174.5	12.84	63.6	763.8
12/9/2008	13:35	3.11	167.3	12.78	64	763.8
12/9/2008	13:40	1.09	260.7	12.84	62.8	763.9
12/9/2008	13:45	3.26	180	12.89	63.6	763.8
12/9/2008	13:50	3.11	164.1	13	63.6	763.9
12/9/2008	13:55	3.06	175.9	13	63	763.9
12/9/2008	14:00	1.88	184.2	12.95	62.5	763.9
12/9/2008	14:05	1.41	177.6	12.95	61.9	764
12/9/2008	14:10	2.98	205.7	13.06	61.9	764
12/9/2008	14:15	4.55	198.9	13.06	61.8	764
12/9/2008	14:20	3.38	179.6	12.95	61.8	764
12/9/2008	14:25	1.75	180	12.89	61.3	764
12/9/2008	14:30	3	220.2	13	61.1	764
12/9/2008	14:35	3.34	195.7	12.95	60.7	764
12/9/2008	14:40	1.71	233.5	12.84	61.2	764
12/9/2008	14:45	3.55	201.8	12.89	61.4	764
12/9/2008	14:50	3.23	187.3	12.84	61.7	764
12/9/2008	14:55	2.94	200.6	12.78	61.7	764
12/9/2008	15:00	2.7	180.1	12.78	62	764
12/9/2008	15:05	2.03	217	12.84	61.4	764
12/9/2008	15:10	3.28	206.3	12.78	62	764
12/9/2008	15:15	1.79	251.2	12.67	62.1	764
12/9/2008	15:20	3.51	205.1	12.67	63	764.1
12/9/2008	15:25	2.37	224.4	12.62	62.3	764.1
12/9/2008	15:30	3.45	237.5	12.56	63	764.1
12/9/2008	15:35	3.26	232.7	12.46	62.9	764.2
12/9/2008	15:40	3.57	235.3	12.35	63.4	764.2
12/9/2008	15:45	2.9	211.1	12.29	64.4	764.2
12/9/2008	15:50	2.79	213.4	12.24	65.1	764.2
12/9/2008	15:55	1.84	222.3	12.18	65.3	764.2
12/9/2008	16:00	2.09	230.4	12.07	65.3	764.2
12/9/2008	16:05	2.03	233.1	12.02	66.1	764.2
12/9/2008	16:10	2.47	223.9	11.91	66.8	764.1
12/9/2008	16:15	1.98	210.8	11.8	67	764.1
12/9/2008	16:20	1.94	220.4	11.69	67.3	764.1

12/9/2008	16:25	1.81	226.3	11.52	67.8	764.1
12/9/2008	16:30	1.88	235.2	11.36	68.4	764
12/9/2008	16:35	1.81	253.7	11.09	69.5	764
12/9/2008	16:40	2.58	256.4	10.81	71.2	764
12/9/2008	16:45	1.64	258.1	10.54	72.6	764
12/9/2008	16:50	1.48	240.9	10.27	73.9	763.9
12/9/2008	16:55	1.09	256	9.99	75.2	763.8
12/9/2008	17:00	1.37	261.7	9.77	76.2	763.8
12/9/2008	17:05	1.79	266.5	9.61	76.9	763.7
12/9/2008	17:10	1.56	267.3	9.44	77.7	763.7
12/9/2008	17:15	1.37	259.9	9.33	78.6	763.6
12/9/2008	17:20	1.09	289.1	9.17	79.2	763.5
12/9/2008	17:25	1.11	292.5	8.95	80.3	763.5
12/9/2008	17:30	1.18	258.3	8.84	81.3	763.5
12/9/2008	17:35	1.28	268.1	8.68	82.4	763.4
12/9/2008	17:40	1.28	258	8.51	82.7	763.3
12/9/2008	17:45	0.92	279.9	8.35	83.5	763.3
12/9/2008	17:50	1.35	249.5	8.24	84.6	763.2
12/9/2008	17:55	1.28	259	8.08	85.4	763.2

Phosphine Fumigation Met

Date	Time	RWS KNT	RWD DEG	AT C	RH %RH	BP mmHg
12/9/2008	18:00	1.41	239.9	7.91	85.8	763.2
12/9/2008	18:05	1.73	237.2	7.8	86	763.2
12/9/2008	18:10	1.79	248.3	7.75	86.4	763.2
12/9/2008	18:15	2.22	232.5	7.75	86.9	763.1
12/9/2008	18:20	2.24	226.9	7.64	86.8	763.1
12/9/2008	18:25	2.17	215.8	7.53	87.5	763.1
12/9/2008	18:30	1.52	239.4	7.36	87.8	763.1
12/9/2008	18:35	1.58	253.7	7.31	87.5	763.1
12/9/2008	18:40	1.5	254.4	7.25	87.7	763.1
12/9/2008	18:45	0.75	302.3	7.09	88.1	763.1
12/9/2008	18:50	0.86	310.2	6.98	89.1	763.1
12/9/2008	18:55	1.6	17.1	6.93	89.3	763.1
12/9/2008	19:00	1.86	18.3	6.76	89.9	763.1
12/9/2008	19:05	1.43	33.3	6.6	90.2	763
12/9/2008	19:10	1.26	12.7	6.49	91.1	763
12/9/2008	19:15	0.84	36	6.32	91	763
12/9/2008	19:20	1.81	21.6	6.16	92	763
12/9/2008	19:25	2	37.5	6.11	92.2	763
12/9/2008	19:30	1.52	54.5	6.11	92.6	763
12/9/2008	19:35	0.73	48.4	6.05	92.1	763
12/9/2008	19:40	0.97	86.8	5.94	91.9	763
12/9/2008	19:45	0.56	86.6	5.61	91.6	763
12/9/2008	19:50	0.82	85.8	5.34	91.8	763
12/9/2008	19:55	0.99	77.9	5.17	92.2	763
12/9/2008	20:00	0.56	100.2	5.12	93	763.1
12/9/2008	20:05	0.65	115.5	4.96	94.4	763.1
12/9/2008	20:10	0.92	132.2	4.85	95.6	763.1
12/9/2008	20:15	0.5	94.3	4.57	95.1	763.2
12/9/2008	20:20	0.5	170.2	4.41	95.6	763.2
12/9/2008	20:25	0.54	49.2	4.35	96	763.2
12/9/2008	20:30	0.5	48.6	4.3	94.7	763.2
12/9/2008	20:35	1.11	53.2	4.41	95.2	763.2
12/9/2008	20:40	1.09	104.3	4.52	95.8	763.1
12/9/2008	20:45	0.86	104	4.52	95.1	763.2
12/9/2008	20:50	0.54	103.6	4.35	94.8	763.2
12/9/2008	20:55	1.05	86	4.13	94	763.3
12/9/2008	21:00	1.45	87.2	4.08	94.3	763.2
12/9/2008	21:05	1.39	88.1	4.13	94.3	763.2
12/9/2008	21:10	1.43	85.4	4.13	94.1	763.2
12/9/2008	21:15	1.84	82.2	4.24	95.9	763.2
12/9/2008	21:20	1.48	84.3	4.35	95.7	763.2
12/9/2008	21:25	1.96	78.2	4.3	95.9	763.3
12/9/2008	21:30	1.67	74	4.3	96.4	763.3
12/9/2008	21:35	1.77	70.8	4.3	96.9	763.4
12/9/2008	21:40	1.14	79.5	4.19	96	763.4
12/9/2008	21:45	1.03	98.5	4.02	96	763.4
12/9/2008	21:50	0.71	156.9	3.86	96.3	763.5
12/9/2008	21:55	1.01	82.7	3.75	96.6	763.5

12/9/2008	22:00	0.58	86.3	3.59	95.7	763.6
12/9/2008	22:05	0.73	85.6	3.31	95.8	763.6
12/9/2008	22:10	0.9	59.7	3.15	95.4	763.6
12/9/2008	22:15	1.11	68.6	3.09	95.6	763.6
12/9/2008	22:20	0.99	22.2	3.09	96.3	763.6
12/9/2008	22:25	1.24	30.4	3.2	97.3	763.7
12/9/2008	22:30	2.13	37.7	3.26	97.6	763.8
12/9/2008	22:35	1.81	22.2	3.31	97.7	763.8
12/9/2008	22:40	2.58	42.3	3.26	97.7	763.7
12/9/2008	22:45	1.75	59.9	3.37	98.2	763.7
12/9/2008	22:50	1.26	51.7	3.37	97.9	763.8
12/9/2008	22:55	0.88	342.2	3.15	96.7	763.8
12/9/2008	23:00	0.84	15.8	2.71	96.3	763.8
12/9/2008	23:05	1.31	40.6	2.77	97.8	763.8
12/9/2008	23:10	1.05	51.4	2.77	97.7	763.8
12/9/2008	23:15	0.67	199.1	2.66	97.2	763.9
12/9/2008	23:20	0.8	299	2.44	97.1	764
12/9/2008	23:25	1.45	350.9	2.33	97.7	764
12/9/2008	23:30	1.77	339.9	2.27	98.2	764
12/9/2008	23:35	1.98	12.9	2.6	99.5	764
12/9/2008	23:40	1.14	29.1	2.77	99.1	764
12/9/2008	23:45	1.75	37.7	2.82	99.2	764
12/9/2008	23:50	1.81	29.7	3.04	99.5	764
12/9/2008	23:55	2.05	26.8	3.26	99.6	764
12/10/2008	0:00	2	44.7	3.42	99.8	764
12/10/2008	0:05	1.05	45.4	3.59	99.6	764
12/10/2008	0:10	2.22	42.9	3.59	99.3	764
12/10/2008	0:15	2.7	50.7	3.64	99.5	763.9
12/10/2008	0:20	2.66	53.8	3.81	99.6	763.8
12/10/2008	0:25	2.13	50.4	3.86	99.5	763.8
12/10/2008	0:30	1.88	58	3.75	98.7	763.8
12/10/2008	0:35	2.24	58.5	3.64	98.7	763.7
12/10/2008	0:40	2.53	57.1	3.59	98.9	763.8
12/10/2008	0:45	2.53	49.8	3.59	98.8	763.8
12/10/2008	0:50	2.6	42.9	3.48	98.6	763.8
12/10/2008	0:55	2.66	41.7	3.37	98.7	763.7
12/10/2008	1:00	2.75	40.2	3.37	99.1	763.7
12/10/2008	1:05	2.64	47.9	3.37	99.1	763.6
12/10/2008	1:10	2.37	48	3.37	99	763.5
12/10/2008	1:15	2.13	45.5	3.31	99	763.5
12/10/2008	1:20	1.62	52.8	3.26	99	763.5
12/10/2008	1:25	1.98	54.4	3.31	99.3	763.5
12/10/2008	1:30	1.48	53.7	3.37	99.3	763.5
12/10/2008	1:35	0.84	73.8	3.2	98.4	763.4
12/10/2008	1:40	1.31	30.1	2.98	98.4	763.4
12/10/2008	1:45	1.9	28.8	2.88	98.7	763.4
12/10/2008	1:50	1.58	29.5	2.93	99.1	763.5
12/10/2008	1:55	1.26	24.6	2.93	99.2	763.4
12/10/2008	2:00	0.65	342.9	2.77	98.4	763.4
12/10/2008	2:05	1.09	182.9	2.38	97.8	763.5
12/10/2008	2:10	0.69	194.8	2.11	99	763.5
12/10/2008	2:15	0.67	187.4	2.11	99.5	763.5

12/10/2008	2:20	0.73	201.6	1.94	99.3	763.5
12/10/2008	2:25	1.14	199	1.78	99.5	763.5
12/10/2008	2:30	1.16	192.7	1.62	99.6	763.4
12/10/2008	2:35	1.41	189.1	1.56	100	763.4
12/10/2008	2:40	1.43	202.4	1.51	99.8	763.4
12/10/2008	2:45	1.5	225.6	1.18	99.6	763.4
12/10/2008	2:50	1.52	218.9	1.01	99.9	763.4
12/10/2008	2:55	1.45	224.9	0.96	100.2	763.3
12/10/2008	3:00	1.71	251.2	0.9	100.4	763.3
12/10/2008	3:05	1.88	250.7	0.96	100.6	763.3
12/10/2008	3:10	1.54	247.1	0.96	100.5	763.3
12/10/2008	3:15	1.6	243.3	0.9	100.5	763.3
12/10/2008	3:20	1.48	239.9	0.85	100.5	763.3
12/10/2008	3:25	1.71	244.2	0.74	100.4	763.3
12/10/2008	3:30	1.62	244.5	0.69	100.6	763.3
12/10/2008	3:35	1.48	241.7	0.63	100.7	763.3
12/10/2008	3:40	1.84	220	0.63	101	763.3
12/10/2008	3:45	1.67	231	0.69	101.1	763.3
12/10/2008	3:50	1.86	239.6	0.52	100.9	763.3
12/10/2008	3:55	2.05	242.9	0.41	101	763.3
12/10/2008	4:00	1.98	234.1	0.41	101.2	763.3
12/10/2008	4:05	1.75	241.4	0.41	101.3	763.3
12/10/2008	4:10	1.58	231.5	0.36	101.3	763.3
12/10/2008	4:15	1.6	242.2	0.36	101.4	763.3
12/10/2008	4:20	1.33	259	0.3	101.4	763.3
12/10/2008	4:25	1.11	285.9	0.25	101.4	763.3
12/10/2008	4:30	1.18	316.4	0.19	101.5	763.4
12/10/2008	4:35	0.9	330.9	0.14	101.5	763.5
12/10/2008	4:40	0.58	79.3	0.14	101.5	763.5
12/10/2008	4:45	0.82	327.6	0.14	101.7	763.4
12/10/2008	4:50	0.86	56.3	0.14	101.6	763.5
12/10/2008	4:55	0.8	54.6	0.14	101.7	763.5
12/10/2008	5:00	1.35	12.9	0.14	101.6	763.5
12/10/2008	5:05	1.09	47.9	0.03	101.6	763.5
12/10/2008	5:10	0.8	77.1	0.03	101.8	763.6
12/10/2008	5:15	0.99	26.5	0.08	101.8	763.6
12/10/2008	5:20	0.95	6.8	0.08	101.8	763.6
12/10/2008	5:25	1.11	6.2	0.03	101.9	763.6
12/10/2008	5:30	1.07	9.3	0.08	101.9	763.6
12/10/2008	5:35	1.39	15.9	0.08	101.9	763.6
12/10/2008	5:40	1.18	26.7	0.08	102	763.6
12/10/2008	5:45	0.84	58.1	0.08	102	763.7
12/10/2008	5:50	1.33	44.1	0.19	102.1	763.7
12/10/2008	5:55	1.26	56.7	0.25	102.1	763.7
12/10/2008	6:00	1.26	48.6	0.3	102.1	763.6

Phosphine Aeration Met

Date	Time	RWS KNT	RWD DEG	AT C	RH %RH	BP mmHg
12/10/2008	8:00	1.39	174.8	0.74	102.4	763.6
12/10/2008	8:05	1.54	191.9	0.74	102.1	763.7
12/10/2008	8:10	1.62	187.6	0.69	102.2	763.8
12/10/2008	8:15	1.33	251.4	0.74	102.4	763.8
12/10/2008	8:20	1.2	304.8	0.79	102.4	763.9
12/10/2008	8:25	1.26	348.4	0.85	102.3	763.9
12/10/2008	8:30	0.58	109.1	0.9	102.4	764
12/10/2008	8:35	0.88	245.5	1.01	102.4	764
12/10/2008	8:40	1.52	198.2	1.12	102.5	764
12/10/2008	8:45	2.41	209.9	1.34	102.6	764.1
12/10/2008	8:50	2.11	201.6	1.4	102.3	764.2
12/10/2008	8:55	1.58	192	1.51	102.4	764.2
12/10/2008	9:00	2.05	199.5	1.56	102.4	764.2
12/10/2008	9:05	1.75	194.5	1.73	102.6	764.2
12/10/2008	9:10	1.77	228	1.83	102.3	764.3
12/10/2008	9:15	1.62	210.4	1.89	102.3	764.3
12/10/2008	9:20	2.09	201.6	2.05	102.5	764.3
12/10/2008	9:25	2.07	193	2.16	102.4	764.4
12/10/2008	9:30	2.22	198.9	2.33	102.4	764.4
12/10/2008	9:35	1.56	256.4	2.55	102.4	764.4
12/10/2008	9:40	1.11	240.6	2.66	102.4	764.5
12/10/2008	9:45	1.39	212.1	2.88	102.4	764.6
12/10/2008	9:50	1.6	286.4	2.98	102.3	764.6
12/10/2008	9:55	1.52	310.1	3.04	102.1	764.7
12/10/2008	10:00	1.62	279.8	3.26	102.4	764.7
12/10/2008	10:05	1.81	276	3.31	102.2	764.8
12/10/2008	10:10	1.43	295.7	3.42	102.3	764.8
12/10/2008	10:15	1.26	356.1	3.64	102.4	764.9
12/10/2008	10:20	1.86	321	3.75	102.3	764.9
12/10/2008	10:25	1.03	347.3	3.81	102.2	764.9
12/10/2008	10:30	1.09	342.7	4.08	102.5	764.9
12/10/2008	10:35	1.05	331.3	4.24	102.4	764.9
12/10/2008	10:40	1.05	296.3	4.41	102.4	764.9
12/10/2008	10:45	1.86	326.1	4.52	102.3	764.9
12/10/2008	10:50	1.54	339.8	4.57	102.2	764.9
12/10/2008	10:55	1.52	253.9	4.74	102.4	764.8
12/10/2008	11:00	1.98	11.5	5.01	102.5	764.8
12/10/2008	11:05	1.81	9.5	5.17	102.3	764.8
12/10/2008	11:10	1.94	349.9	5.28	102.1	764.8
12/10/2008	11:15	1.6	308.7	5.39	102.1	764.8
12/10/2008	11:20	1.73	343.6	5.67	102.1	764.9
12/10/2008	11:25	1.98	330.6	5.83	101.9	764.9
12/10/2008	11:30	1.31	74.1	6.11	101.7	764.8
12/10/2008	11:35	2.05	8	6.43	101.2	764.8
12/10/2008	11:40	1.86	341.1	6.49	99.6	764.8
12/10/2008	11:45	1.52	329.1	6.6	98.9	764.8
12/10/2008	11:50	1.69	254.3	7.04	98.2	764.7
12/10/2008	11:55	2	287.5	7.53	96.3	764.7

12/10/2008	12:00	1.52	59.9	7.91	93.2	764.6
12/10/2008	12:05	1.92	39.7	8.4	90.5	764.6
12/10/2008	12:10	1.9	35.4	8.9	87.5	764.6
12/10/2008	12:15	2.47	320.7	9.28	85	764.7
12/10/2008	12:20	2.13	326.7	9.44	83.6	764.8
12/10/2008	12:25	2.47	338.5	9.61	82.4	764.8
12/10/2008	12:30	1.75	308.7	9.88	80.8	764.8
12/10/2008	12:35	1.26	278.2	10.1	79.9	764.9
12/10/2008	12:40	2.28	232.3	10.43	78.4	764.9
12/10/2008	12:45	1.75	265.8	10.7	76.9	764.9
12/10/2008	12:50	2	305.1	10.98	74.8	764.9
12/10/2008	12:55	1.9	20.4	11.2	74.2	765
12/10/2008	13:00	2.24	1.8	11.47	73.6	765.1
12/10/2008	13:05	1.96	351.8	11.69	71	765.1
12/10/2008	13:10	1.6	33.8	11.91	71.6	765.1
12/10/2008	13:15	2.96	350.6	12.18	69.1	765.1
12/10/2008	13:20	2.22	7.5	12.18	69.7	765.1
12/10/2008	13:25	1.69	86.5	12.35	69.2	765
12/10/2008	13:30	1.79	310.2	12.67	68.9	765
12/10/2008	13:35	2.94	317.7	12.84	63.9	765
12/10/2008	13:40	2.85	332	12.73	62.9	765.1
12/10/2008	13:45	1.62	2.7	12.73	65.6	765
12/10/2008	13:50	2.11	27.4	12.95	65.4	764.9
12/10/2008	13:55	2.58	298.7	13.11	64.2	764.9
12/10/2008	14:00	1.64	282.5	13.22	62.5	764.9
12/10/2008	14:05	1.62	296.4	13.33	62	764.9
12/10/2008	14:10	1.86	289.8	13.44	62.8	764.9
12/10/2008	14:15	1.31	313.7	13.5	63.2	764.9
12/10/2008	14:20	0.8	79.9	13.66	62.6	764.8
12/10/2008	14:25	2	79.7	13.88	61.4	764.8
12/10/2008	14:30	2.05	358.8	14.04	60	764.8
12/10/2008	14:35	1.98	353.2	14.04	60.2	764.8
12/10/2008	14:40	1.37	26.1	14.1	59.9	764.7
12/10/2008	14:45	1.96	338.4	14.26	57.6	764.7
12/10/2008	14:50	2.09	316.5	14.21	56.8	764.7
12/10/2008	14:55	1.73	342.1	14.1	56.6	764.7
12/10/2008	15:00	1.62	280.5	14.04	57.1	764.6
12/10/2008	15:05	1.45	279.1	14.04	57.6	764.6
12/10/2008	15:10	1.26	245.6	14.04	58.4	764.6
12/10/2008	15:15	1.41	172.2	14.1	58.7	764.6
12/10/2008	15:20	1.6	220.6	14.15	58.4	764.5
12/10/2008	15:25	2.07	217.2	14.04	59.3	764.6
12/10/2008	15:30	2.26	227.6	14.04	59	764.5
12/10/2008	15:35	1.58	262.2	13.93	59.2	764.5
12/10/2008	15:40	2.56	205.6	13.88	60.8	764.5
12/10/2008	15:45	2.37	200.7	13.82	60.6	764.4
12/10/2008	15:50	2.56	201.7	13.77	61.1	764.3
12/10/2008	15:55	2.39	204.4	13.71	61.7	764.3
12/10/2008	16:00	2.41	191	13.71	60.6	764.2
12/10/2008	16:05	2.58	201.9	13.66	61.3	764.2
12/10/2008	16:10	1.58	223.2	13.55	62.2	764.1
12/10/2008	16:15	1.58	222.5	13.44	62.8	764.1

12/10/2008	16:20	1.69	227	13.33	62.5	764.1
12/10/2008	16:25	1.67	213.8	13.17	63.9	764
12/10/2008	16:30	1.45	216	12.95	63.6	764
12/10/2008	16:35	1.5	208.2	12.73	68.1	764
12/10/2008	16:40	1.6	209	12.46	68.3	763.9
12/10/2008	16:45	1.33	197.8	12.13	71.3	763.8
12/10/2008	16:50	1.11	177.2	11.85	69.2	763.7
12/10/2008	16:55	0.99	155.3	11.63	72.3	763.6
12/10/2008	17:00	1.11	141.9	11.36	75.1	763.4
12/10/2008	17:05	0.92	123.7	11.03	73.4	763.3
12/10/2008	17:10	0.63	136.7	10.76	77	763.2
12/10/2008	17:15	0.52	118.3	10.16	81.1	763.1
12/10/2008	17:20	0.5	111.1	9.66	84.3	763
12/10/2008	17:25	0.71	97.5	9.44	81.3	763
12/10/2008	17:30	1.11	107.9	9.39	82.3	762.9
12/10/2008	17:35	1.03	86.9	9.23	81	762.8
12/10/2008	17:40	0.65	116.6	9.06	84.1	762.7
12/10/2008	17:45	0.75	101.1	8.95	83	762.7
12/10/2008	17:50	0.56	100.1	8.95	82.8	762.6
12/10/2008	17:55	0.61	109.3	8.73	83.2	762.6
12/10/2008	18:00	1.52	97.7	8.57	83	762.5
12/10/2008	18:05	1.86	109.3	8.51	82.9	762.5
12/10/2008	18:10	1.26	107.6	8.46	83.4	762.4
12/10/2008	18:15	1.56	108.8	8.24	85.6	762.3
12/10/2008	18:20	2.11	103.7	8.24	84.6	762.3
12/10/2008	18:25	1.75	96.8	8.29	83.6	762.2
12/10/2008	18:30	1.94	91.3	8.19	83.2	762.2
12/10/2008	18:35	3.11	88.2	8.02	84.7	762.2
12/10/2008	18:40	2.9	87.7	8.08	85	762.1
12/10/2008	18:45	1.41	96.7	8.02	84.4	762
12/10/2008	18:50	1.5	103.8	7.8	85.1	762
12/10/2008	18:55	1.37	93.4	7.53	85.7	762
12/10/2008	19:00	1.45	84.7	7.31	86.3	762
12/10/2008	19:05	2.92	85.5	7.2	88.4	761.9
12/10/2008	19:10	3.36	86.4	7.47	88.5	761.8
12/10/2008	19:15	3.43	92.3	7.8	86.9	761.7
12/10/2008	19:20	3	84.5	7.8	85.7	761.7
12/10/2008	19:25	2.28	84.6	7.75	85.8	761.7
12/10/2008	19:30	1.07	86.3	7.47	85.2	761.7
12/10/2008	19:35	0.9	85.6	6.93	87.1	761.7
12/10/2008	19:40	1.16	86.3	6.38	87.8	761.8
12/10/2008	19:45	1.54	86.1	6.11	89.9	761.8
12/10/2008	19:50	2.64	87.7	6.16	92.2	761.7
12/10/2008	19:55	2.94	91.1	6.38	92.2	761.7
12/10/2008	20:00	2.09	95.4	6.49	90.7	761.7
12/10/2008	20:05	2.79	89.9	6.43	90.5	761.7
12/10/2008	20:10	3.7	93	6.49	91.3	761.6
12/10/2008	20:15	3.32	87.6	6.65	91	761.6
12/10/2008	20:20	3.62	88.6	6.71	90.3	761.6
12/10/2008	20:25	3.7	88.4	6.82	90	761.6
12/10/2008	20:30	3.79	91.3	6.87	89.2	761.6
12/10/2008	20:35	3.19	83.7	6.87	88.7	761.6

12/10/2008	20:40	3.34	88.9	6.71	88.9	761.5
12/10/2008	20:45	4.17	94.2	6.65	89.4	761.5
12/10/2008	20:50	3.09	90.6	6.6	88.8	761.5
12/10/2008	20:55	2.11	95	6.43	88.9	761.5
12/10/2008	21:00	2.49	92	6.16	89.4	761.5
12/10/2008	21:05	2.9	91.7	6	90.5	761.5
12/10/2008	21:10	2.68	85.3	5.94	91.5	761.5
12/10/2008	21:15	1.98	90.7	5.78	90.8	761.5
12/10/2008	21:20	1.71	91.9	5.5	91	761.5
12/10/2008	21:25	2.3	91.6	5.28	91.8	761.5
12/10/2008	21:30	2.83	94.5	5.34	94	761.5
12/10/2008	21:35	2.26	91.8	5.39	93.3	761.5
12/10/2008	21:40	1.69	92	5.28	92.4	761.5
12/10/2008	21:45	1.11	85.5	5.06	91.5	761.5
12/10/2008	21:50	1.62	82	4.85	92.1	761.4
12/10/2008	21:55	1.11	104.6	4.68	92.9	761.5
12/10/2008	22:00	0.84	162.1	4.41	92.7	761.5