

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
EFFLUENT AND WASTE DISPOSAL
SEMIANNUAL REPORT

JANUARY 1982 - JUNE 1982

DOCKET NO. : 50-333
LICENSE NO. : DPR-59

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
 EFFLUENT AND WASTE DISPOSAL
 SEMIANNUAL REPORT/JANUARY 1982 - JUNE 1982
 SUPPLEMENTAL INFORMATION

UTILITY: JAFNPP LICENSEE: POWER AUTHORITY OF THE STATE OF NEW YORK

1. Regulatory Limits

a. Fission and activation gases:

$$\frac{Q_s \bar{E} \text{ (JAF Stack)}}{7.00E-01} + \frac{Q_s \bar{E} \text{ (NMP-1 Stack)}}{5.60E-01} + \frac{\sum Q_{iv} \text{ (JAF Vents)}}{6.30E+05 \text{ MPC}_i} \leq 1$$

Where: Q_s is stack release rate, Ci/sec

\bar{E} is the average energy of release, MeV

Q_{iv} is the release rate, Ci/sec, of radioisotope i from building vents

MPC_i is defined by Col. 1, Table II of App. B to 10 CFR 20

b,c. Halogens and particulates, half-lives >8 days:

$$\frac{Q_s \text{ (JAF Stack)}}{2.60E-06} + \frac{Q_s \text{ (NMP-1 Stack)}}{2.30E-06} + \frac{Q_{iv} \text{ (JAF Vents)}}{8.90E-08} \leq 1$$

d. Liquid effluents:

- (1) The radioactivity release concentration in the discharge tunnel shall not exceed the values specified in 10 CFR 20, Appendix B, for unrestricted areas.
- (2) The cumulative discharge of radioactive liquid effluents, excluding tritium and noble gases, shall not exceed 10 curies during any calendar quarter.

SUPPLEMENTAL INFORMATION (continued)

2. Maximum Permissible Concentrations

a. Fission and activation gases:

<u>Nuclide</u>	<u>MPC ($\mu\text{Ci/cc}$)</u>	<u>Nuclide</u>	<u>MPC ($\mu\text{Ci/cc}$)</u>
Kr-85	3.00E-07	Xe-131m	4.00E-07
Kr-85m	1.00E-07	Xe-133	3.00E-07
Kr-87	2.00E-08	Xe-133m	3.00E-07
Kr-88	2.00E-08	Xe-135	1.00E-07
N-13	3.00E-08	Xe-135m	3.00E-08
Ar-41	4.00E-08	Xe-138	3.00E-08

b. Iodines: (Not applicable)

c. Particulates, half-lives >8 days: (Not applicable)

d. Liquid effluents:

(1)	2.53E-05 $\mu\text{Ci/ml}$	Quarter 1
(2)	3.04E-05 $\mu\text{Ci/ml}$	Quarter 2

3. <u>Average Energy, \bar{E}</u>	Unit	Quarter 1	Quarter 2
a. Elevated release:	MeV	5.36E-01	6.49E-01
b. Ground level release:	MeV	2.50E-01	3.63E-01

SUPPLEMENTAL INFORMATION (continued)

4. Measurements and Approximations of Total Radioactivity

- a. Fission and activation gases: Continuous monitor on each release path calibrated to Marinelli grab sample analyzed by Ge(Li) spectrometer; bubbler grab sample analyzed for tritium.
- b. Iodines: Ge(Li) analysis of charcoal cartridge and particulate filter on each release path.
- c. Particulates: Ge(Li) analysis of particulate filter on each release path.
- d. Liquid effluents: Ge(Li) analysis of each batch discharged, except composite analysis for Sr-89, Sr-90, and tritium.

5. Batch Releases

Liquid:	Quarter 1	Quarter 2
(1) Number of batch releases:	417	89
(2) Total time period for batch releases:	208.1 hrs.	38.2 hrs.
(3) Maximum time period for batch release:	5.0 hrs.	5.0 hrs.
(4) Average time period for batch release:	0.5 hrs.	0.43 hrs.
(5) Minimum time period for batch release:	0.15 hrs.	0.17 hrs.
(6) Average stream flow:	(Not applicable)	

6. Abnormal Releases

a. Liquid:	Quarter 1	Quarter 2
(1) Number of releases:	None	None
(2) Total activity released:	None	None
b. Gaseous:		
(1) Number of releases:	None	None
(2) Total activity released:	None	None

TABLE 1A

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
 EFFLUENT AND WASTE DISPOSAL
 SEMI-ANNUAL REPORT/JANUARY 1982 - JUNE 1982
 GASEOUS EFFLUENTS--SUMMATION OF ALL RELEASES

	UNIT	QUARTER 1	QUARTER 2	EST. TOTAL ERROR %
A. FISSION AND ACTIVATION GASES				
1. Total release	Ci	1.63E+04	9.43E+04	1.00E+01
2. Average release rate for period	μ Ci/sec	2.10E+03	1.20E+04	
3. Tech. Spec. limit	%	*	*	
B. IODINES				
1. Total iodine-131	Ci	5.42E-02	1.72E-01	1.00E+01
2. Average release rate for period	μ Ci/sec	6.97E-03	2.19E-02	
3. Tech. Spec. limit	%	*	*	
C. PARTICULATES				
1. Particulates with half-lives >8 days	Ci	2.88E-03	7.22E-03	1.00E+01
2. Average release rate for period	μ Ci/sec	3.70E-04	9.18E-04	
3. Tech. Spec. limit	%	*	*	
4. Gross alpha radioactivity	Ci	3.41E-06	7.13E-05	1.00E+01
D. TRITIUM				
1. Total release	Ci	7.67E-02	1.31E 00	1.00E+01
2. Average release rate for period	μ Ci/sec	9.86E-03	1.67E-01	
*E. PERCENT OF TECHNICAL SPECIFICATION LIMITS				
FISSION AND ACTIVATION GASES				
1. JAF elevated release	%	1.61E-01	1.11E 00	
2. NMP-1 elevated release	%	6.67E-05	0	
3. JAF ground level release	%	1.76E-03	2.21E-01	
4. Total site release	%	1.63E-01	1.33E 00	
HALOGENS AND PARTICULATES WITH HALF-LIVES >8 DAYS				
5. JAF elevated release	%	2.66E-01	8.31E-01	
6. NMP-1 elevated release	%	2.16E-02	1.19E-02	
7. JAF ground level release	%	1.74E-01	5.10E-01	
8. Total site release	%	4.62E-01	1.35E 00	

TABLE 1B

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
 EFFLUENT AND WASTE DISPOSAL
 SEMI-ANNUAL REPORT/JANUARY 1982 - JUNE 1982
 GASEOUS EFFLUENTS--ELEVATED RELEASE

NUCLIDES RELEASED	UNIT	CONTINUOUS MODE	
		QUARTER 1	QUARTER 2
1. <u>Fission gases</u>			
nitrogen-13	Ci	9.74E 00	3.10E+02
argon-41	Ci	2.14E+02	ND
krypton-85m	Ci	1.18E+03	4.56E+03
krypton-87	Ci	1.43E+03	1.09E+04
krypton-88	Ci	2.27E+03	1.01E+04
xenon-131m	Ci	4.24E+03	1.68E+04
xenon-133	Ci	6.48E+02	4.13E+03
xenon-133m	Ci	ND	4.38E+01
xenon-135	Ci	5.92E+03	2.24E+04
xenon-135m	Ci	9.30E+01	6.28E+03
xenon-138	Ci	3.14E+02	1.82E+04
2. <u>Iodines</u>			
iodine-131	Ci	5.37E-02	1.69E-01
iodine-133	Ci	2.45E-01	1.01E 00
iodine-135	Ci	3.40E-01	1.41E 00
3. <u>Particulates</u>			
manganese-54	Ci	ND	7.19E-04
cobalt-60	Ci	1.23E-05	1.62E-06
zirconium-niobium-95	Ci	ND	7.18E-04
strontium-89	Ci	6.89E-07	1.49E-03
cesium-137	Ci	2.68E-05	3.46E-05
barium-lanthanum-140	Ci	1.68E-04	2.42E-04
cerium-141	Ci	8.57E-07	ND
strontium-90	Ci	1.51E-07	8.41E-06

There are no batch releases for this period.

ND - None detected.

TABLE 1C

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
 EFFLUENT AND WASTE DISPOSAL
 SEMIANNUAL REPORT/JANUARY 1982 - JUNE 1982
 GASEOUS EFFLUENTS--GROUND LEVEL RELEASES

NUCLIDES RELEASED	UNIT	CONTINUOUS MODE	
		QUARTER 1	QUARTER 2
1. <u>Fission gases</u>			
nitrogen-13	Ci	ND	4.75E 00
krypton-85	Ci	ND	6.52E-01
krypton-87	Ci	ND	1.94E 00
krypton-88	Ci	ND	ND
xenon-133	Ci	ND	1.90E+01
xenon-135	Ci	8.62E 00	3.81E+02
xenon-135m	Ci	ND	1.78E+02
xenon-138	Ci	ND	2.63E+01
2. <u>Iodines</u>			
iodine-131	Ci	5.40E-04	3.10E-03
iodine-133	Ci	7.96E-03	3.30E-02
iodine-135	Ci	7.16E-03	2.96E-02
3. <u>Particulates</u>			
chromium-51	Ci	2.22E-04	2.04E-03
manganese-54	Ci	1.96E-04	6.14E-05
cobalt-58	Ci	9.51E-06	4.46E-05
cobalt-60	Ci	1.56E-03	8.04E-04
strontium-89	Ci	ND	2.10E-04
zirconium-niobium-95	Ci	2.56E-06	ND
cesium-134	Ci	2.66E-04	4.00E-05
cesium-137	Ci	2.64E-04	5.20E-05
barium-lanthanum-140	Ci	1.44E-04	7.21E-04
cerium-141	Ci	1.22E-07	ND
zinc-65	Ci	ND	2.98E-05
strontium-90	Ci	2.22E-06	9.10E-06

There are no batch releases for this period.

ND - None detected.

TABLE 2A

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
 EFFLUENT AND WASTE DISPOSAL
 SEMIANNUAL REPORT/JANUARY 1982 - JUNE 1982
 LIQUID EFFLUENTS--SUMMATION OF ALL RELEASES

	UNIT	QUARTE.. 1	QUARTER 2	EST. TOTAL ERROR %
A. FISSION AND ACTIVATION PRODUCTS				
1. Total release (not including tritium and alpha)	Ci	5.48E-01	2.19E-02	1.00E+01
2. Average diluted concentration during period	μ Ci/ml	5.81E-09	1.12E-10	
3. Applicable limit	%	2.30E-02	3.68E-04	
B. TRITIUM				
1. Total release	Ci	4.08E-01	6.46E-02	1.00E+01
2. Average diluted concentration during period	μ Ci/ml	4.33E-09	3.30E-10	
3. Applicable limit	%	1.44E-04	1.10E-05	
C. DISSOLVED AND ENTRAINED GASES				
1. Total release	Ci	4.86E-03	5.28E-03	1.00E+01
2. Average diluted concentration during period	μ Ci/ml	5.16E-11	2.70E-11	
3. Applicable limit	%	5.16E-15	2.70E-15	
D. GROSS ALPHA RADIOACTIVITY				
Total release	Ci	4.17E-04	1.48E-05	1.00E+01
E. VOLUME OF WASTE RELEASED (PRIOR TO DILUTION)				
	Liters	4.12E+06	6.56E+05	1.00E+01
F. VOLUME OF DILUTION WATER USED DURING PERIOD				
	Liters	9.43E+10	1.96E+11	1.00E+01

TABLE 2B

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
 EFFLUENT AND WASTE DISPOSAL
 SEMIANNUAL REPORT/JANUARY 1982 - JUNE 1982
 LIQUID EFFLUENTS

NUCLIDES RELEASED	UNIT	BATCH MODE	
		QUARTER 1	QUARTER 2
silver-110m	Ci	7.97E-06	3.54E-06
cesium-134	Ci	5.20E-02	2.26E-04
cesium-137	Ci	6.59E-02	4.94E-04
iodine-131	Ci	ND	4.45E-06
iodine-133	Ci	1.56E-05	8.99E-05
iodine-135	Ci	3.30E-05	ND
barium-lanthanium-140	Ci	1.24E-04	2.71E-05
cobalt-58	Ci	2.47E-02	1.73E-04
cobalt-60	Ci	3.26E-01	1.25E-02
iron-59	Ci	3.25E-03	7.03E-05
zinc-65	Ci	7.31E-03	1.80E-04
manganese-54	Ci	6.16E-02	2.37E-03
chromium-51	Ci	1.32E-03	3.80E-04
antimony-124	Ci	5.17E-04	8.46E-06
molybdenum-99	Ci	4.64E-05	ND
technetium-99m	Ci	1.33E-05	6.13E-06
cerium-141	Ci	2.15E-05	ND
cerium-144	Ci	7.61E-06	1.48E-05
zirconium-niobium-95	Ci	4.11E-05	ND
sodium-24	Ci	1.25E-04	8.01E-06
arsenic-76	Ci	6.51E-05	ND
neptunium-239	Ci	5.88E-05	ND
xenon-133	Ci	4.25E-04	2.13E-03
xenon-135	Ci	4.38E-03	3.16E-03
krypton-85m	Ci	7.14E-05	ND
strontium-90	Ci	1.62E-04	2.58E-05
strontium-89	Ci	2.57E-04	4.08E-05

There are no continuous mode discharges for this period.

ND - None detected.

TABLE 3

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
 EFFLUENT AND WASTE DISPOSAL
 SEMIANNUAL REPORT/JANUARY 1982 - JUNE 1982
 SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. SOLID WASTE SHIPPED OFF-SITE FOR BURIAL OR DISPOSAL (NOT IRRADIATED FUEL)

1. <u>Type of Waste</u>	UNIT	SIX-MONTH PERIOD	EST. TOTAL ERROR %
a. Spent resins, filter sludges evaporator bottoms, etc.	m ³ Ci	1.48E+02 4.05E+02	1.00E+01 1.00E+01
b. Dry compressible waste, contaminated equipment, etc.	m ³ Ci	8.68E+02 2.09E+01	1.00E+01 1.00E+01
c. Irradiated components (None)			
d. Solidified oil	m ³ Ci	5.82E+01 1.42E-01	1.00E+01 1.00E+01
2. <u>Estimate of Major Nuclide Composition</u>			
cobalt-60		63.3 %	1.00E+01
manganese-54		14.2 %	
cobalt-58		4.7 %	
cesium-137		8.5 %	
zinc-65		1.8 %	
cesium-134		6.4 %	
cerium-144		0.52%	

3. Solid Waste Disposition

SHIPMENT	QTY.	TRANSPORTA- TION MODE	DESTINATION
Type a	27	Truck	Barnwell, SC
Type b	22	Truck	Richland, WA
Type b	1	Railroad	Richland, WA
Type d	4	Truck	Richland, WA

B. IRRADIATED FUEL SHIPMENTS (NONE)

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
EFFLUENT AND WASTE DISPOSAL
SEMIANNUAL REPORT/JANUARY 1982 - JUNE 1982

REPORT NOTES

1) Table 1A, Section E. Percent of Technical Specification Limit

Subsections 5 and 7, halogens and particulates with half-lives >8 days calculated as I-131 equivalents in accordance with Appendix B, 2.3.B.2.

2) Table 2A, Section B. Tritium and Table 2B

Second Quarter liquid tritium, strontium-89 and strontium-90 calculated from First Quarter Sample Data.

3) If actual sample data alters the report data significantly (changes percent of allowable release limits) the report will be revised and redistributed.

APPENDIX A*

* Appendix A is submitted in compliance with Section 4.3.5 of the James A. FitzPatrick Nuclear Power Plant Environmental Technical Specifications. Section 4.3.5 requires that all deviations from the environmental sampling schedule shall be described in the semiannual reports.

RADIOLOGICAL ENVIRONMENTAL SURVEILLANCE PROGRAM

DEVIATION FROM THE REQUIRED SAMPLING SCHEDULE

JANUARY 1982 - JUNE 1982

1. The spring collection of GAMMARUS as required by Table 4.3.1, Appendix B of the James A. FitzPatrick Nuclear Power Plant Environmental Technical Specifications was missed due to seasonal unavailability of the organism. As required by plant procedures, three attempts were made to obtain sufficient quantities of GAMMARUS for analysis. The unavailability of GAMMARUS is most probably due to the unseasonably cold temperature of Lake Ontario and the delay of the spring lake turnover. Few GAMMARUS were inhabiting the shoreline shallows during the spring sampling season.
2. Environmental Air Monitoring Station D-1 off-site was inoperable for one sample period due to electrical supply line failure. Dates of known inoperability were March 28, 1982 to April 7, 1982.
3. Environmental Radiation Monitoring Station G on-site was inoperable from June 14, 1982 (1330 hrs) to June 15, 1982 (1445 hrs). Inoperability was due to faulty high voltage power supply.

***** LEGEND *****
% FREQUENCY OF WIND DIRECTION WITHIN WIND SPEED CATEGORY
*** BY STABILITY *****

-----JG120*

SITE: NINE MILE UPPER: WIND SPEED UPPER - 200FT AEROVANE
WIND DIRECTION UPPER - 200FT AEROVANE
TEMPERATURE DIFFERENCE - (200-27FT)

NINE MILE LOWER: WIND SPEED LOWER - 30FT CUP
WIND DIRECTION LOWER - 30FT CUP
TEMPERATURE DIFFERENCE - (200-27FT)

STABILITY CLASS: PASQUILL STABILITY CATEGORIES - DEGC/100M

A - EXTREMELY UNSTABLE		LT -1.9
B - MODERATELY UNSTABLE	-1.8 TO	-1.7
C - SLIGHTLY UNSTABLE	-1.6 TO	-1.5
D - NEUTRAL	-1.4 TO	-0.5
E - SLIGHTLY STABLE	-0.4 TO	1.5
F - MODERATELY STABLE	1.6 TO	4.0
G - EXTREMELY STABLE		GT 4.0
ALL - ALL STABILITIES (A-G)		ALL
() - ALL WIND		N/A

WIND CLASS: SIX WIND SPEED CATEGORIES - (SEE TABLE HEADINGS) MPH

SIXTEEN WIND DIRECTION CATEGORIES - 22.5 DEG

NOTE: THE DATA CAPTURE STATISTICS ARE GIVEN FOR EACH OF THE NINE CATEGORIES LISTED ABOVE.

CALM WINDS ARE LISTED IN THE 0-3 WIND SPEED CATEGORY.

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - A

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.3 (6)	0.3 (6)	0.2 (3)	0.0 (0)	0.0 (0)	0.8 (15)
NNE	0.1 (1)	0.0 (0)	0.2 (3)	0.7 (13)	0.3 (6)	0.1 (2)	1.3 (25)
NE	0.0 (0)	0.1 (2)	0.2 (3)	0.0 (0)	0.1 (1)	0.0 (0)	0.3 (6)
ENE	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
E	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ESE	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)	0.0 (0)	0.0 (0)	0.3 (5)
SE	0.1 (1)	0.1 (2)	0.2 (3)	0.2 (3)	0.0 (0)	0.0 (0)	0.5 (9)
SSE	0.0 (0)	0.0 (0)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
S	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)	0.0 (0)	0.1 (2)	0.3 (5)
SSW	0.0 (0)	0.0 (0)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)
WSW	0.1 (1)	0.2 (3)	0.1 (1)	0.2 (3)	0.1 (2)	0.3 (5)	0.8 (15)
W	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.1 (1)	0.7 (14)	0.9 (18)
WNW	0.0 (0)	0.0 (0)	0.1 (1)	0.3 (5)	0.2 (3)	1.4 (28)	1.9 (37)
NW	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.1 (2)	0.6 (12)	0.9 (17)
NNW	0.0 (0)	0.2 (4)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.4 (7)
TOTAL	0.3 (5)	1.1 (22)	1.5 (29)	2.0 (39)	0.8 (15)	3.2 (64)	8.8 (174)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 179

NUMBER OF MISSING WIND OBSERVATIONS: 5

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

SITE: NINE MILE UPPER (9)

JG120*

STABILITY CLASS - B

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (2)	0.1 (1)	0.0 (0)	0.3 (5)
NNE	0.1 (1)	0.1 (2)	0.1 (1)	0.1 (1)	0.1 (2)	0.0 (0)	0.4 (7)
NE	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.1 (1)	0.0 (0)	0.2 (3)
ENE	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ESE	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
SE	0.0 (0)	0.1 (2)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.3 (6)
SSE	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (4)
S	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (3)
SSW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.5 (10)	0.6 (12)
W	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)	0.7 (14)	0.9 (18)
WNW	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.1 (1)	0.6 (11)	0.7 (14)
NW	0.0 (0)	0.1 (1)	0.1 (2)	0.0 (0)	0.1 (2)	0.5 (9)	0.7 (14)
NNW	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
TOTAL	0.2 (4)	0.4 (8)	0.6 (12)	0.6 (12)	0.6 (12)	2.2 (44)	4.7 (92)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 95

NUMBER OF MISSING WIND OBSERVATIONS: 3

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - C

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NNE	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.1 (2)	0.0 (0)	0.3 (5)
NE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
E	0.0 (0)	0.1 (2)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
ESE	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.1 (1)	0.0 (0)	0.2 (4)
SE	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (4)
SSE	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.2 (3)
S	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
SSW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.1 (2)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)
WSW	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.4 (8)	0.6 (12)
W	0.1 (1)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.7 (14)	0.9 (17)
WNW	0.1 (1)	0.1 (2)	0.0 (0)	0.3 (5)	0.2 (3)	0.6 (12)	1.2 (23)
NW	0.0 (0)	0.1 (1)	0.0 (0)	0.2 (4)	0.3 (5)	0.8 (15)	1.3 (25)
NMW	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)	0.2 (3)	0.0 (0)	0.3 (6)
TOTAL	0.3 (5)	0.3 (6)	0.3 (5)	1.2 (24)	0.9 (17)	2.5 (50)	5.4 (107)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 108

NUMBER OF MISSING WIND OBSERVATIONS: 1

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - D

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.0 (0)	0.3 (5)	0.7 (14)	0.8 (15)	0.5 (10)	2.2 (44)
NNE	0.2 (3)	0.3 (5)	0.5 (9)	0.8 (16)	0.6 (12)	0.8 (16)	3.1 (61)
NE	0.1 (2)	0.3 (5)	0.4 (8)	0.4 (7)	1.2 (23)	1.0 (19)	3.2 (64)
ENE	0.1 (1)	0.3 (6)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (13)
E	0.1 (1)	0.3 (5)	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.5 (10)
ESE	0.1 (2)	0.3 (5)	0.7 (13)	1.4 (27)	0.9 (17)	0.1 (1)	3.3 (65)
SE	0.2 (3)	0.5 (9)	0.8 (16)	1.8 (36)	0.9 (18)	0.5 (10)	4.7 (92)
SSE	0.2 (3)	0.4 (8)	0.4 (7)	0.5 (9)	0.5 (9)	0.0 (0)	1.8 (36)
S	0.0 (0)	0.4 (7)	0.3 (6)	1.0 (20)	0.7 (13)	0.1 (1)	2.4 (47)
SSW	0.0 (0)	0.1 (1)	0.3 (5)	0.7 (13)	0.5 (10)	0.6 (11)	2.0 (40)
SW	0.1 (2)	0.2 (3)	0.4 (8)	0.6 (12)	0.5 (9)	2.0 (40)	3.8 (74)
WSW	0.1 (1)	0.2 (4)	0.2 (3)	0.4 (7)	0.6 (12)	3.4 (67)	4.8 (94)
W	0.1 (2)	0.2 (4)	1.1 (22)	0.9 (18)	0.7 (14)	3.7 (73)	6.7 (133)
WNW	0.0 (0)	0.0 (0)	0.6 (11)	1.4 (28)	1.7 (33)	2.0 (39)	5.6 (111)
NW	0.1 (1)	0.2 (4)	0.6 (12)	1.4 (27)	0.9 (17)	0.7 (13)	3.8 (74)
NNW	0.1 (1)	0.2 (3)	0.5 (9)	0.4 (8)	0.3 (5)	0.0 (0)	1.3 (26)
TOTAL	1.1 (22)	3.5 (69)	7.2 (141)	12.4 (245)	10.5 (207)	15.2 (300)	49.9 (984)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 995

NUMBER OF MISSING WIND OBSERVATIONS: 11

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - E

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (1)	0.1 (1)	0.1 (1)	0.1 (1)	0.3 (6)	0.1 (1)	0.6 (11)
NNE	0.1 (2)	0.1 (2)	0.2 (3)	0.1 (2)	0.1 (1)	0.2 (3)	0.7 (13)
NE	0.0 (0)	0.0 (0)	0.2 (3)	0.3 (5)	0.1 (1)	0.0 (0)	0.5 (9)
ENE	0.1 (1)	0.1 (1)	0.4 (7)	0.1 (1)	0.0 (0)	0.0 (0)	0.5 (10)
E	0.0 (0)	0.2 (3)	0.7 (13)	0.2 (3)	0.1 (1)	0.0 (0)	1.0 (20)
ESE	0.2 (3)	0.5 (9)	0.7 (13)	1.2 (23)	0.5 (10)	0.0 (0)	2.9 (58)
SE	0.1 (2)	0.2 (4)	0.9 (17)	3.0 (60)	1.4 (28)	1.3 (25)	6.9 (136)
SSE	0.2 (3)	0.1 (1)	0.9 (17)	1.3 (25)	0.5 (10)	0.3 (6)	3.1 (62)
S	0.2 (3)	0.3 (6)	1.1 (21)	0.7 (14)	0.4 (7)	0.0 (0)	2.6 (51)
SSW	0.0 (0)	0.1 (2)	0.7 (13)	0.8 (15)	0.3 (5)	0.1 (2)	1.9 (37)
SW	0.1 (1)	0.2 (3)	0.2 (4)	0.5 (9)	0.4 (8)	0.1 (2)	1.4 (27)
WSW	0.0 (0)	0.1 (1)	0.2 (3)	0.2 (4)	0.2 (4)	0.9 (18)	1.5 (30)
W	0.1 (1)	0.1 (2)	0.3 (5)	0.4 (8)	0.4 (8)	0.9 (17)	2.1 (41)
WNW	0.1 (1)	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.3 (5)	0.5 (9)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.2 (3)
NNW	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
TOTAL	0.9 (18)	1.8 (36)	6.1 (121)	8.9 (175)	4.6 (90)	4.0 (79)	26.3 (519)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 529

NUMBER OF MISSING WIND OBSERVATIONS: 10

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - F

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (2)
ENE	0.0 (0)	0.1 (2)	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.4 (7)
E	0.1 (1)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
ESE	0.0 (0)	0.1 (2)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
SE	0.0 (0)	0.0 (0)	0.2 (4)	0.5 (9)	0.1 (1)	0.0 (0)	0.7 (14)
SSE	0.0 (0)	0.1 (1)	0.1 (1)	0.3 (5)	0.0 (0)	0.0 (0)	0.4 (7)
S	0.0 (0)	0.1 (2)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
SSW	0.0 (0)	0.1 (2)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.3 (6)
SW	0.1 (1)	0.1 (1)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
WSW	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (3)	0.4 (7)
W	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)
WNW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	0.1 (2)	0.7 (14)	1.2 (24)	0.9 (18)	0.2 (3)	0.3 (5)	3.3 (66)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 72

NUMBER OF MISSING WIND OBSERVATIONS: 6

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

SITE: NINE MILE UPPER (9)

JG120*

STABILITY CLASS - G

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	00-03	04-07	08-12	SPEED (MPH) 13-18	19-23	>24	TOTAL
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
E	0.0 (0)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
ESE	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SE	0.0 (0)	0.1 (1)	0.1 (2)	0.3 (5)	0.0 (0)	0.0 (0)	0.4 (8)
SSE	0.0 (0)	0.1 (1)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.3 (6)
S	0.0 (0)	0.1 (1)	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.3 (6)
SSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
SW	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WSW	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
W	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	0.1 (1)	0.3 (6)	0.7 (14)	6.4 (8)	0.0 (0)	0.0 (0)	1.5 (29)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 29

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - ALL

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (2)	0.4 (8)	0.7 (13)	1.0 (20)	1.1 (22)	0.6 (11)	3.9 (76)
NNE	0.4 (7)	0.5 (9)	0.9 (17)	1.7 (34)	1.2 (23)	1.1 (21)	5.6 (111)
NE	0.1 (2)	0.4 (7)	0.8 (16)	0.6 (12)	1.3 (26)	1.1 (21)	4.3 (84)
ENE	0.2 (4)	0.6 (11)	0.9 (17)	0.1 (2)	0.0 (0)	0.0 (0)	1.7 (34)
E	0.2 (3)	0.7 (13)	0.8 (16)	0.4 (8)	0.1 (1)	0.0 (0)	2.1 (41)
ESE	0.3 (5)	0.8 (16)	1.5 (29)	3.0 (59)	1.4 (28)	0.1 (1)	7.0 (138)
SE	0.3 (6)	1.0 (19)	2.3 (45)	5.9 (117)	2.4 (47)	1.8 (35)	13.6 (269)
SSE	0.4 (7)	0.6 (11)	1.8 (36)	2.2 (43)	1.0 (20)	0.3 (6)	6.2 (123)
S	0.2 (4)	0.8 (16)	1.8 (36)	2.1 (41)	1.0 (20)	0.2 (3)	6.1 (120)
SSW	0.0 (0)	0.3 (5)	1.3 (26)	1.6 (31)	0.8 (15)	0.7 (13)	4.6 (90)
SW	0.3 (5)	0.4 (7)	0.9 (18)	1.1 (21)	0.9 (18)	2.2 (44)	5.7 (113)
WSW	0.2 (3)	0.6 (12)	0.4 (8)	0.8 (16)	1.1 (22)	5.6 (111)	8.7 (172)
W	0.2 (4)	0.5 (10)	1.5 (29)	1.4 (27)	1.4 (27)	6.7 (132)	11.6 (229)
WNW	0.1 (2)	0.2 (3)	0.8 (15)	2.0 (39)	2.1 (41)	4.8 (95)	9.9 (195)
NW	0.1 (1)	0.3 (6)	0.8 (15)	1.8 (36)	1.3 (26)	2.5 (49)	6.7 (133)
NNW	0.1 (2)	0.4 (8)	0.5 (10)	0.8 (15)	0.4 (8)	0.0 (0)	2.2 (43)
TOTAL	2.9 (57)	8.2 (161)	17.6 (346)	26.4 (521)	17.5 (344)	27.5 (542)	100.0 (1971)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2007

NUMBER OF MISSING WIND OBSERVATIONS: 36

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (2)	0.4 (8)	0.7 (13)	1.0 (20)	1.1 (22)	0.6 (11)	3.9 (76)
NNE	0.4 (7)	0.5 (9)	0.9 (17)	1.7 (34)	1.2 (23)	1.1 (21)	5.6 (111)
NE	0.1 (2)	0.4 (7)	0.8 (16)	0.6 (12)	1.3 (26)	1.1 (21)	4.3 (84)
ENE	0.2 (4)	0.6 (11)	0.9 (17)	0.1 (2)	0.0 (0)	0.0 (0)	1.7 (34)
E	0.2 (3)	0.7 (13)	0.8 (16)	0.4 (8)	0.1 (1)	0.0 (0)	2.1 (41)
ESE	0.3 (5)	0.8 (16)	1.5 (29)	3.0 (59)	1.4 (28)	0.1 (1)	7.0 (138)
SE	0.3 (6)	1.0 (19)	2.3 (45)	5.9 (117)	2.4 (47)	1.8 (35)	13.6 (269)
SSE	0.4 (7)	0.6 (11)	1.8 (36)	2.2 (43)	1.0 (20)	0.3 (6)	6.2 (123)
S	0.2 (4)	0.8 (16)	1.8 (36)	2.1 (41)	1.0 (20)	0.2 (3)	6.1 (120)
SSW	0.0 (0)	0.3 (5)	1.3 (26)	1.6 (31)	0.8 (15)	0.7 (13)	4.6 (90)
SW	0.3 (5)	0.4 (7)	0.9 (18)	1.1 (21)	0.9 (18)	2.2 (44)	5.7 (113)
WSW	0.2 (3)	0.6 (12)	0.4 (8)	0.8 (16)	1.1 (22)	5.6 (111)	8.7 (172)
W	0.2 (4)	0.5 (10)	1.5 (29)	1.4 (27)	1.4 (27)	6.7 (132)	11.6 (229)
WNW	0.1 (2)	0.2 (3)	0.8 (15)	2.0 (39)	2.1 (41)	4.8 (95)	9.9 (195)
NW	0.1 (1)	0.3 (6)	0.8 (15)	1.8 (36)	1.3 (26)	2.5 (49)	6.7 (133)
NNW	0.1 (2)	0.4 (8)	0.5 (10)	0.8 (15)	0.4 (8)	0.0 (0)	2.2 (43)
TOTAL	2.9 (57)	8.2 (161)	17.6 (346)	26.4 (521)	17.5 (344)	27.5 (542)	100.0 (1971)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2160

NUMBER OF MISSING WIND OBSERVATIONS: 189

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

SITE: NINE MILE UPPER (9)

JG120*

STABILITY CLASS - A

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)					TOTAL
	00-03	04-07	08-12	13-18	19-23	
N	0.1 (1)	0.1 (1)	0.1 (1)	0.1 (1)	0.1 (1)	0.4 (7)
NNE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ENE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ESE	0.0 (0)	0.1 (1)	0.2 (4)	0.0 (0)	0.0 (0)	0.3 (5)
SE	0.0 (0)	0.1 (1)	0.4 (7)	0.1 (1)	0.1 (1)	0.5 (10)
SSE	0.0 (0)	0.1 (1)	0.3 (5)	0.7 (12)	0.1 (2)	1.1 (20)
S	0.0 (0)	0.0 (0)	0.2 (3)	0.2 (4)	0.1 (1)	0.4 (8)
SSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
SH	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (8)	0.0 (0)	0.6 (11)
W	0.0 (0)	0.1 (1)	0.3 (6)	0.1 (1)	0.1 (2)	0.9 (16)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.5 (9)
W	0.0 (0)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.7 (13)
NNW	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
TOTAL	0.1 (1)	0.5 (10)	1.6 (29)	1.5 (27)	0.4 (8)	5.8 (106)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 106

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

SITE: NINE MILE UPPER (9)

JG120*

STABILITY CLASS - B

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)					TOTAL
	00-03	04-07	08-12	13-18	19-23	
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NE	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ENE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
E	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
ESE	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.1 (2)
SE	0.0 (0)	0.1 (1)	0.3 (5)	0.1 (2)	0.0 (0)	0.4 (8)
SSE	0.0 (0)	0.1 (1)	0.1 (1)	0.2 (4)	0.0 (0)	0.3 (6)
S	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (1)	0.1 (2)	0.3 (5)
SSW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)	0.2 (4)	0.8 (14)
W	0.0 (0)	0.0 (0)	0.2 (3)	0.1 (2)	0.1 (1)	0.9 (17)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)
TOTAL	0.0 (0)	0.2 (4)	0.8 (15)	0.9 (16)	0.4 (7)	3.3 (61)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 61

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - C

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)
NNE	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
NE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ESE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SE	0.0 (0)	0.1 (1)	0.1 (2)	0.2 (4)	0.1 (1)	0.0 (0)	0.4 (8)
SSE	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
S	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
SSW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SU	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.1 (2)	0.2 (3)	0.3 (6)	0.2 (4)	0.8 (15)
W	0.0 (0)	0.1 (2)	0.0 (0)	0.1 (1)	0.0 (0)	0.6 (11)	0.8 (14)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.3 (6)	0.4 (8)
WJ	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.2 (4)	0.3 (5)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	0.0 (0)	0.4 (7)	0.4 (8)	0.7 (12)	0.5 (9)	1.4 (25)	3.3 (61)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 62

NUMBER OF MISSING WIND OBSERVATIONS: 1

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - D

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.2 (4)
NNE	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (2)	0.1 (1)	0.1 (1)	0.3 (6)
NE	0.0 (0)	0.2 (4)	0.1 (1)	0.1 (2)	0.1 (2)	0.2 (3)	0.7 (12)
ENE	0.0 (0)	0.2 (3)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.3 (5)
E	0.0 (0)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
ESE	0.0 (0)	0.0 (0)	0.4 (8)	1.0 (18)	0.3 (6)	0.0 (0)	1.8 (32)
SE	0.1 (1)	0.1 (2)	0.5 (10)	1.3 (24)	0.4 (8)	0.2 (4)	2.7 (49)
SSE	0.1 (1)	0.1 (2)	0.9 (16)	0.4 (7)	0.5 (9)	0.2 (3)	2.1 (38)
S	0.1 (1)	0.1 (1)	0.3 (5)	0.4 (7)	0.5 (9)	0.1 (2)	1.4 (25)
SSW	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
SW	0.1 (1)	0.1 (2)	0.2 (4)	0.3 (5)	0.2 (4)	0.3 (6)	1.2 (22)
WSW	0.0 (0)	0.2 (4)	1.1 (20)	2.1 (39)	2.9 (53)	1.6 (30)	8.0 (146)
W	0.1 (1)	0.3 (5)	0.4 (7)	1.0 (19)	1.2 (22)	1.9 (34)	4.8 (88)
WNW	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.2 (3)	0.8 (15)	1.1 (21)
NW	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.3 (5)	0.4 (7)	0.8 (15)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	0.4 (8)	1.5 (27)	4.2 (77)	7.0 (127)	6.8 (124)	5.7 (105)	25.6 (468)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 477

NUMBER OF MISSING WIND OBSERVATIONS: 9

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - E

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.2 (3)	0.1 (2)	0.2 (3)	0.1 (2)	0.7 (12)	0.1 (2)	1.3 (24)
NNE	0.0 (0)	0.1 (2)	0.2 (4)	0.2 (4)	0.1 (1)	0.1 (1)	0.7 (12)
NE	0.1 (2)	0.3 (5)	0.4 (7)	0.3 (6)	0.3 (6)	0.1 (2)	1.5 (28)
ENE	0.2 (3)	0.2 (4)	0.3 (6)	0.4 (7)	0.0 (0)	0.0 (0)	1.1 (20)
E	0.1 (1)	0.2 (4)	0.5 (10)	0.1 (1)	0.0 (0)	0.0 (0)	0.9 (16)
ESE	0.0 (0)	0.1 (2)	0.6 (11)	1.3 (23)	0.1 (2)	0.0 (0)	2.1 (38)
SE	0.1 (2)	0.2 (3)	0.8 (15)	2.8 (51)	0.4 (8)	0.9 (17)	5.3 (96)
SSE	0.1 (2)	0.1 (2)	0.3 (6)	1.1 (20)	0.6 (11)	0.0 (0)	2.2 (41)
S	0.0 (0)	0.2 (4)	0.4 (7)	0.9 (16)	0.2 (3)	0.0 (0)	1.6 (30)
SSW	0.1 (1)	0.1 (2)	0.2 (3)	0.6 (11)	0.0 (0)	0.0 (0)	0.9 (17)
SW	0.1 (2)	0.2 (3)	1.0 (18)	0.5 (9)	0.3 (5)	0.5 (9)	2.5 (46)
WSW	0.2 (3)	0.8 (15)	2.3 (42)	1.8 (33)	0.9 (16)	1.8 (32)	7.7 (141)
W	0.2 (4)	0.8 (14)	0.7 (13)	0.4 (7)	0.9 (17)	0.6 (11)	3.6 (66)
WNW	0.2 (3)	0.4 (8)	0.3 (6)	0.1 (2)	0.1 (1)	0.1 (2)	1.2 (22)
NW	0.2 (4)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (8)
NNW	0.1 (1)	0.2 (3)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.4 (7)
TOTAL	1.7 (31)	4.2 (76)	8.4 (153)	10.6 (194)	4.5 (82)	4.2 (76)	33.5 (612)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 623

NUMBER OF MISSING WIND OBSERVATIONS: 11

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - F

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (1)	0.4 (8)	0.1 (2)	0.2 (3)	0.1 (2)	0.0 (0)	0.9 (16)
NNE	0.0 (0)	0.3 (5)	0.3 (5)	0.3 (6)	0.3 (6)	0.1 (2)	1.3 (24)
NE	0.1 (2)	0.1 (2)	0.3 (5)	0.2 (4)	0.2 (4)	0.1 (2)	1.0 (19)
ENE	0.1 (1)	0.2 (3)	0.5 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (14)
E	0.0 (0)	0.0 (0)	0.4 (8)	0.2 (3)	0.0 (0)	0.0 (0)	0.6 (11)
ESE	0.1 (2)	0.1 (1)	0.3 (6)	0.2 (4)	0.0 (0)	0.0 (0)	0.7 (13)
SE	0.1 (1)	0.0 (0)	0.1 (2)	0.7 (12)	0.0 (0)	0.0 (0)	0.8 (15)
SSE	0.1 (2)	0.1 (2)	0.1 (1)	0.5 (10)	0.1 (2)	0.0 (0)	0.9 (17)
S	0.1 (1)	0.3 (5)	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.5 (10)
SSW	0.0 (0)	0.1 (2)	0.2 (4)	0.2 (3)	0.1 (1)	0.0 (0)	0.5 (10)
SW	0.1 (1)	0.8 (14)	0.5 (9)	0.2 (3)	0.0 (0)	0.0 (0)	1.5 (27)
WSW	0.3 (6)	0.7 (13)	0.9 (16)	0.3 (5)	0.1 (1)	0.2 (3)	2.4 (44)
W	0.1 (2)	0.5 (10)	0.3 (6)	0.3 (6)	0.1 (1)	0.3 (6)	1.7 (31)
WNW	0.1 (2)	0.2 (4)	0.1 (2)	0.1 (2)	0.1 (1)	0.1 (1)	0.7 (12)
NW	0.2 (3)	0.2 (3)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.5 (9)
NNW	0.1 (1)	0.1 (1)	0.0 (0)	0.2 (4)	0.0 (0)	0.0 (0)	0.3 (6)
TOTAL	1.4 (25)	4.0 (73)	4.3 (79)	3.8 (69)	1.0 (18)	0.8 (14)	15.2 (278)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 281

NUMBER OF MISSING WIND OBSERVATIONS: 3

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - G

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.2 (4)	0.2 (3)	0.0 (0)	0.1 (2)	0.3 (5)	0.5 (10)	1.3 (24)
NNE	0.2 (3)	0.3 (5)	0.0 (0)	0.3 (5)	0.2 (4)	0.1 (1)	1.0 (18)
NE	0.1 (2)	0.1 (1)	0.3 (5)	0.1 (1)	0.1 (1)	0.0 (0)	0.5 (10)
ENE	0.1 (2)	0.0 (0)	0.5 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (12)
E	0.3 (6)	0.2 (4)	0.7 (13)	0.0 (0)	0.0 (0)	0.0 (0)	1.3 (23)
ESE	0.2 (3)	0.2 (4)	0.2 (4)	0.2 (3)	0.0 (0)	0.0 (0)	0.8 (14)
SE	0.2 (3)	0.2 (3)	0.0 (0)	0.3 (5)	0.0 (0)	0.0 (0)	0.6 (11)
SSE	0.0 (0)	0.1 (2)	0.2 (4)	0.2 (4)	0.0 (0)	0.0 (0)	0.5 (10)
S	0.3 (6)	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (12)
SSW	0.1 (1)	0.7 (13)	0.5 (10)	0.2 (4)	0.0 (0)	0.0 (0)	1.5 (28)
SW	0.2 (3)	0.2 (3)	0.3 (6)	0.2 (3)	0.0 (0)	0.0 (0)	0.8 (15)
WSW	0.1 (2)	0.5 (9)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (14)
W	0.3 (6)	0.2 (4)	0.0 (0)	0.2 (4)	0.1 (2)	0.1 (1)	0.9 (17)
WNW	0.1 (1)	0.1 (1)	0.2 (4)	0.0 (0)	0.0 (0)	0.1 (1)	0.4 (7)
NW	0.1 (2)	0.3 (5)	0.1 (1)	0.3 (5)	0.0 (0)	0.0 (0)	0.7 (13)
NNW	0.0 (0)	0.1 (1)	0.2 (3)	0.3 (5)	0.2 (4)	0.0 (0)	0.7 (13)
TOTAL	2.4 (44)	3.4 (62)	3.6 (65)	2.2 (41)	0.9 (16)	0.7 (13)	13.2 (241)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 241

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - ALL

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.5 (10)	0.8 (14)	0.3 (6)	0.5 (10)	1.2 (22)	0.8 (14)	4.2 (76)
NNE	0.2 (3)	0.9 (16)	0.5 (10)	0.9 (17)	0.7 (12)	0.4 (8)	3.6 (66)
NE	0.3 (6)	0.8 (15)	1.0 (18)	0.7 (13)	0.7 (13)	0.4 (7)	3.9 (72)
ENE	0.3 (6)	0.6 (11)	1.5 (28)	0.4 (7)	0.1 (1)	0.0 (0)	2.9 (53)
E	0.4 (7)	0.5 (9)	1.9 (34)	0.2 (4)	0.0 (0)	0.0 (0)	3.0 (54)
ESE	0.3 (5)	0.4 (8)	1.9 (35)	2.7 (49)	0.4 (8)	0.0 (0)	5.7 (105)
SE	0.4 (7)	0.6 (11)	2.2 (41)	5.4 (99)	1.0 (18)	1.1 (21)	10.8 (197)
SSE	0.3 (5)	0.6 (11)	1.8 (33)	3.2 (58)	1.3 (24)	0.2 (3)	7.3 (134)
S	0.4 (8)	0.8 (14)	1.2 (22)	1.8 (32)	0.8 (15)	0.1 (2)	5.1 (93)
SSW	0.1 (2)	0.9 (17)	1.1 (20)	1.0 (19)	0.1 (1)	0.0 (0)	3.2 (59)
SW	0.4 (7)	1.2 (22)	2.0 (37)	1.1 (20)	0.5 (9)	0.8 (15)	6.0 (110)
WSW	0.6 (11)	2.2 (41)	4.7 (86)	5.1 (93)	4.4 (80)	4.1 (74)	21.1 (385)
W	0.7 (13)	2.0 (36)	1.8 (32)	2.2 (40)	2.5 (45)	4.5 (83)	13.6 (249)
WNW	0.3 (6)	0.8 (14)	0.7 (13)	0.3 (6)	0.4 (7)	1.9 (34)	4.4 (80)
NW	0.6 (11)	0.8 (14)	0.3 (6)	0.4 (7)	0.3 (5)	1.1 (21)	3.5 (64)
NNW	0.1 (2)	0.3 (6)	0.3 (5)	0.7 (12)	0.2 (4)	0.1 (1)	1.6 (30)
TOTAL	6.0 (109)	14.2 (259)	23.3 (426)	26.6 (486)	14.4 (264)	15.5 (283)	100.0 (1827)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 1851

NUMBER OF MISSING WIND OBSERVATIONS: 24

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.5 (10)	0.8 (14)	0.3 (6)	0.5 (10)	1.2 (22)	0.8 (14)	4.2 (76)
NNE	0.2 (3)	0.9 (16)	0.5 (10)	0.9 (17)	0.7 (12)	0.4 (8)	3.6 (66)
NE	0.3 (6)	0.8 (15)	1.0 (18)	0.7 (13)	0.7 (13)	0.4 (7)	3.9 (72)
ENE	0.3 (6)	0.6 (11)	1.5 (28)	0.4 (7)	0.1 (1)	0.0 (0)	2.9 (53)
E	0.4 (7)	0.5 (9)	1.9 (34)	0.2 (4)	0.0 (0)	0.0 (0)	3.0 (54)
ESE	0.3 (5)	0.4 (8)	1.9 (35)	2.7 (49)	0.4 (8)	0.0 (0)	5.7 (105)
SE	0.4 (7)	0.6 (11)	2.2 (41)	5.4 (99)	1.0 (18)	1.1 (21)	10.8 (197)
SSE	0.3 (5)	0.6 (11)	1.8 (33)	3.2 (58)	1.3 (24)	0.2 (3)	7.3 (134)
S	0.4 (8)	0.8 (14)	1.2 (22)	1.7 (32)	0.8 (15)	0.1 (2)	5.1 (93)
SSW	0.1 (2)	0.9 (17)	1.1 (20)	1.0 (19)	0.1 (1)	0.0 (0)	3.2 (59)
SW	0.4 (7)	1.2 (22)	2.0 (37)	1.1 (20)	0.5 (9)	0.8 (15)	6.0 (110)
WSW	0.6 (11)	2.2 (41)	4.7 (86)	5.1 (93)	4.4 (81)	4.1 (75)	21.2 (387)
W	0.7 (13)	2.0 (36)	1.7 (32)	2.2 (40)	2.5 (45)	4.5 (83)	13.6 (249)
WNW	0.3 (6)	0.8 (14)	0.7 (13)	0.3 (6)	0.4 (7)	1.9 (34)	4.4 (80)
NW	0.6 (11)	0.8 (14)	0.3 (6)	0.4 (7)	0.3 (5)	1.1 (21)	3.5 (64)
NNW	0.1 (2)	0.3 (6)	0.3 (5)	0.7 (12)	0.2 (4)	0.1 (1)	1.6 (30)
TOTAL	6.0 (109)	14.2 (259)	23.3 (426)	26.6 (486)	14.5 (265)	15.5 (284)	100.0 (1829)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2184

NUMBER OF MISSING WIND OBSERVATIONS: 355

NUMBER OF CALM HOURS: 1

***** LEGEND *****
% FREQUENCY OF WIND DIRECTION WITHIN WIND SPEED CATEGORY
*** BY STABILITY ***

-----JG120*

SITE: NINE MILE UPPER: WIND SPEED UPPER - 200FT AEROVANE
WIND DIRECTION UPPER - 200FT AEROVANE
TEMPERATURE DIFFERENCE - (200-27FT)

NINE MILE LOWER: WIND SPEED LOWER - 30FT CUP
WIND DIRECTION LOWER - 30FT CUP
TEMPERATURE DIFFERENCE - (200-27FT)

STABILITY CLASS: PASQUILL STABILITY CATEGORIES - DEGC/100M

A - EXTREMELY UNSTABLE	LT -1.9
B - MODERATELY UNSTABLE	-1.8 TO -1.7
C - SLIGHTLY UNSTABLE	-1.6 TO -1.5
D - NEUTRAL	-1.4 TO -0.5
E - SLIGHTLY STABLE	-0.4 TO 1.5
F - MODERATELY STABLE	1.6 TO 4.0
G - EXTREMELY STABLE	GT 4.0
ALL - ALL STABILITIES (A-G)	ALL
() - ALL WIND	N/A

WIND CLASS: SIX WIND SPEED CATEGORIES - (SEE TABLE HEADINGS) MPH

SIXTEEN WIND DIRECTION CATEGORIES - 22.5 DEG

NOTE: THE DATA CAPTURE STATISTICS ARE GIVEN FOR EACH OF THE NINE CATEGORIES LISTED ABOVE.

CALM WINDS ARE LISTED IN THE 0-3 WIND SPEED CATEGORY.

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - A

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (2)	0.8 (15)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (18)
NNE	0.0 (0)	0.5 (10)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (14)
NE	0.1 (1)	0.4 (8)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
ENE	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
E	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
ESE	0.1 (1)	0.1 (2)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
SE	0.0 (0)	0.2 (3)	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
SSE	0.0 (0)	0.0 (0)	0.3 (5)	0.1 (1)	0.0 (0)	0.0 (0)	0.3 (6)
S	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
SSW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
WSW	0.1 (1)	0.2 (4)	0.2 (3)	0.1 (2)	0.0 (0)	0.3 (6)	0.8 (16)
W	0.0 (0)	0.2 (3)	0.0 (0)	0.1 (2)	0.2 (4)	0.5 (10)	1.0 (19)
WNW	0.0 (0)	0.0 (0)	0.1 (2)	0.4 (7)	0.8 (15)	0.4 (7)	1.6 (31)
NW	0.0 (0)	0.1 (2)	0.2 (3)	0.2 (4)	0.7 (13)	0.2 (3)	1.3 (25)
NNW	0.1 (1)	0.3 (5)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
TOTAL	0.5 (10)	2.8 (55)	1.7 (34)	0.9 (18)	1.6 (32)	1.3 (26)	9.0 (175)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 179

NUMBER OF MISSING WIND OBSERVATIONS: 4

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - B

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NNE	0.1 (1)	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
NE	0.0 (0)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
E	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ESE	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SE	0.0 (0)	0.2 (3)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
SSE	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
S	0.1 (1)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
SSW	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.5 (10)	0.6 (12)
W	0.1 (1)	0.1 (1)	0.1 (1)	0.2 (4)	0.4 (7)	0.4 (7)	1.1 (21)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)	0.2 (3)	0.5 (9)
NW	0.1 (1)	0.1 (2)	0.1 (2)	0.3 (6)	0.2 (4)	0.1 (1)	0.8 (16)
NNW	0.0 (0)	0.1 (2)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (4)
TOTAL	0.3 (5)	1.1 (21)	0.8 (15)	0.6 (12)	0.9 (18)	1.1 (21)	4.7 (92)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 95

NUMBER OF MISSING WIND OBSERVATIONS: 3

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - C

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NE	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ENE	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
E	0.0 (0)	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
ESE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SE	0.0 (0)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
SSE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
S	0.0 (0)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
SSW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WSW	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)	0.2 (3)	0.2 (4)	0.5 (10)
W	0.1 (1)	0.1 (1)	0.1 (1)	0.1 (1)	0.5 (9)	0.3 (6)	1.0 (19)
WNW	0.1 (1)	0.1 (1)	0.1 (2)	0.2 (4)	0.4 (8)	0.3 (6)	1.1 (22)
NW	0.0 (0)	0.1 (1)	0.3 (5)	0.7 (14)	0.2 (4)	0.1 (1)	1.3 (25)
NNW	0.0 (0)	0.1 (1)	0.3 (5)	0.1 (1)	0.0 (0)	0.0 (0)	0.4 (7)
TOTAL	0.3 (6)	0.7 (14)	1.2 (24)	1.1 (22)	1.2 (24)	0.9 (17)	5.5 (107)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 108

NUMBER OF MISSING WIND OBSERVATIONS: 1

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: ONE MILE LO-CUP (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - D

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.2 (4)	1.0 (20)	1.0 (20)	0.1 (1)	0.0 (0)	0.0 (0)	2.3 (45)
NNE	0.2 (4)	0.8 (16)	1.0 (20)	0.0 (0)	0.0 (0)	0.0 (0)	2.0 (40)
NE	0.6 (12)	1.5 (29)	1.7 (33)	0.1 (1)	0.0 (0)	0.0 (0)	3.8 (75)
ENE	0.5 (9)	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (16)
E	0.6 (11)	0.9 (17)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	1.7 (33)
ESE	0.3 (6)	1.1 (21)	1.8 (36)	0.1 (2)	0.0 (0)	0.0 (0)	3.3 (65)
SE	0.5 (9)	1.3 (26)	1.9 (37)	0.4 (8)	0.0 (0)	0.0 (0)	4.1 (80)
SSE	0.1 (1)	0.4 (8)	0.7 (14)	0.1 (1)	0.0 (0)	0.0 (0)	1.2 (24)
S	0.1 (1)	0.9 (18)	1.2 (23)	0.2 (4)	0.0 (0)	0.0 (0)	2.4 (46)
SSW	0.0 (0)	0.4 (7)	0.7 (14)	0.6 (11)	0.0 (0)	0.0 (0)	1.6 (32)
SW	0.2 (4)	0.3 (5)	0.5 (10)	0.9 (18)	0.6 (11)	0.7 (14)	3.2 (62)
WSW	0.1 (1)	0.5 (10)	0.6 (12)	1.0 (20)	1.5 (29)	1.4 (27)	5.1 (99)
W	0.1 (1)	0.4 (8)	1.3 (26)	1.1 (22)	1.3 (26)	2.0 (39)	6.2 (122)
WNW	0.1 (1)	0.3 (5)	0.9 (17)	2.5 (49)	1.2 (24)	0.9 (18)	5.8 (114)
NW	0.0 (0)	0.7 (13)	1.5 (30)	1.4 (27)	0.2 (4)	0.1 (1)	3.8 (75)
NNW	0.2 (4)	0.7 (13)	0.9 (17)	0.1 (2)	0.0 (0)	0.0 (0)	1.8 (36)
TOTAL	3.5 (68)	11.4 (223)	16.1 (314)	8.5 (166)	4.8 (94)	5.1 (99)	49.4 (964)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 995

NUMBER OF MISSING WIND OBSERVATIONS: 31

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - E

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.3 (5)	0.3 (5)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.6 (11)
NNE	0.1 (2)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
NE	0.2 (4)	0.3 (6)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (11)
ENE	0.5 (9)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (14)
E	1.0 (19)	0.9 (17)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	2.0 (40)
ESE	0.4 (8)	2.1 (41)	1.3 (25)	0.2 (4)	0.0 (0)	0.0 (0)	4.0 (78)
SE	0.4 (8)	2.2 (43)	2.7 (52)	0.8 (15)	0.0 (0)	0.0 (0)	6.0 (118)
SSE	0.4 (8)	1.4 (28)	0.7 (14)	0.2 (3)	0.0 (0)	0.0 (0)	2.7 (53)
S	0.4 (7)	2.1 (41)	0.7 (13)	0.0 (0)	0.0 (0)	0.0 (0)	3.1 (61)
SSW	0.2 (3)	0.3 (6)	0.3 (5)	0.1 (2)	0.0 (0)	0.0 (0)	0.8 (16)
SW	0.1 (2)	0.3 (5)	0.2 (4)	0.4 (8)	0.0 (0)	0.0 (0)	1.0 (19)
WSW	0.1 (2)	0.5 (9)	0.3 (5)	0.5 (10)	0.3 (6)	0.3 (5)	1.9 (37)
W	0.0 (0)	0.2 (3)	0.2 (3)	0.6 (11)	0.5 (10)	0.2 (4)	1.6 (31)
WNW	0.2 (3)	0.0 (0)	0.2 (3)	0.1 (1)	0.3 (5)	0.1 (1)	0.7 (13)
WNW	0.0 (0)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NNW	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
TOTAL	4.1 (80)	11.1 (217)	6.7 (131)	2.8 (55)	1.1 (21)	0.5 (10)	26.3 (514)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 529

NUMBER OF MISSING WIND OBSERVATIONS: 15

NUMBER OF CALM HOURS: 3

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - F

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NE	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ENE	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
E	0.2 (3)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
ESE	0.1 (2)	0.5 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (12)
SE	0.2 (3)	0.6 (12)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (15)
SSE	0.3 (5)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (13)
S	0.2 (3)	0.7 (13)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (16)
SSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
WSW	0.1 (1)	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
W	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	0.9 (18)	2.6 (50)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	3.7 (72)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 72

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - G

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)					TOTAL
	00-03	04-07	08-12	13-18	19-23	
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
E	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ESE	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
SE	0.0 (0)	0.6 (11)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (11)
SSE	0.2 (3)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (9)
S	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
W	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WNW	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
W	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	0.5 (9)	1.0 (20)	0.0 (0)	0.0 (0)	0.0 (0)	1.5 (29)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 29

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

STABILITY CLASS - ALL

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.6 (11)	2.2 (43)	1.1 (21)	0.1 (2)	0.0 (0)	0.0 (0)	3.9 (77)
NNE	0.5 (9)	1.9 (37)	1.3 (25)	0.0 (0)	0.0 (0)	0.0 (0)	3.6 (71)
NE	0.9 (18)	2.5 (49)	1.8 (36)	0.1 (1)	0.0 (0)	0.0 (0)	5.3 (104)
ENE	1.2 (24)	0.8 (15)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.0 (39)
E	1.8 (36)	2.0 (39)	0.7 (13)	0.0 (0)	0.0 (0)	0.0 (0)	4.5 (88)
ESE	0.9 (18)	4.0 (79)	3.3 (65)	0.3 (6)	0.0 (0)	0.0 (0)	8.6 (168)
SE	1.0 (20)	5.2 (101)	5.2 (101)	1.2 (23)	0.0 (0)	0.0 (0)	12.5 (245)
SSE	0.9 (17)	2.6 (50)	1.8 (36)	0.3 (5)	0.0 (0)	0.0 (0)	5.5 (108)
S	0.7 (13)	3.7 (73)	2.2 (42)	0.3 (5)	0.0 (0)	0.0 (0)	6.8 (133)
SSW	0.2 (3)	0.7 (14)	1.1 (21)	0.7 (13)	0.0 (0)	0.0 (0)	2.6 (51)
SW	0.3 (6)	0.6 (11)	0.9 (17)	1.4 (28)	0.6 (11)	0.7 (14)	4.5 (87)
WSW	0.3 (6)	1.2 (23)	1.2 (23)	1.8 (35)	2.0 (39)	2.7 (52)	9.1 (178)
W	0.2 (3)	0.9 (17)	1.6 (31)	2.0 (40)	2.9 (56)	3.4 (66)	10.9 (213)
WNW	0.3 (6)	0.3 (6)	1.2 (24)	3.1 (61)	3.0 (58)	1.8 (35)	9.7 (190)
NW	0.1 (1)	1.0 (20)	2.2 (42)	2.6 (51)	1.3 (25)	0.3 (6)	7.4 (145)
NNW	0.3 (5)	1.2 (23)	1.2 (24)	0.2 (4)	0.0 (0)	0.0 (0)	2.9 (56)
TOTAL	10.0 (196)	30.7 (600)	26.7 (521)	14.0 (274)	9.7 (189)	8.9 (173)	100.0 (1953)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2007

NUMBER OF MISSING WIND OBSERVATIONS: 54

NUMBER OF CALM HOURS: 5

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1982 THROUGH MAR 31 1982

JG120*

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.6 (11)	2.2 (43)	1.1 (21)	0.1 (2)	0.0 (0)	0.0 (0)	3.9 (77)
NNE	0.5 (9)	1.9 (37)	1.3 (25)	0.0 (0)	0.0 (0)	0.0 (0)	3.6 (71)
NE	0.9 (18)	2.5 (49)	1.8 (36)	0.1 (1)	0.0 (0)	0.0 (0)	5.3 (104)
ENE	1.2 (24)	0.8 (15)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.0 (39)
E	1.8 (36)	2.0 (39)	0.7 (13)	0.0 (0)	0.0 (0)	0.0 (0)	4.5 (88)
ESE	0.9 (18)	4.0 (79)	3.3 (65)	0.3 (6)	0.0 (0)	0.0 (0)	8.6 (168)
SE	1.0 (20)	5.2 (101)	5.2 (101)	1.2 (23)	0.0 (0)	0.0 (0)	12.5 (245)
SSE	0.9 (17)	2.6 (50)	1.8 (36)	0.3 (5)	0.0 (0)	0.0 (0)	5.5 (108)
S	0.7 (13)	3.7 (73)	2.2 (42)	0.3 (5)	0.0 (0)	0.0 (0)	6.8 (133)
SSW	0.2 (3)	0.7 (14)	1.1 (21)	0.7 (13)	0.0 (0)	0.0 (0)	2.6 (51)
S!)	0.3 (6)	0.6 (11)	0.9 (17)	1.4 (28)	0.6 (11)	0.7 (14)	4.5 (87)
WSW	0.3 (6)	1.2 (23)	1.2 (23)	1.8 (35)	2.0 (39)	2.7 (52)	9.1 (178)
W	0.2 (3)	0.9 (17)	1.6 (31)	2.0 (40)	2.9 (56)	3.4 (66)	10.9 (213)
WNW	0.3 (6)	0.3 (6)	1.2 (24)	3.1 (61)	3.0 (58)	1.8 (35)	9.7 (190)
NW	0.1 (1)	1.0 (20)	2.2 (42)	2.6 (51)	1.3 (25)	0.3 (6)	7.4 (145)
NNW	0.3 (5)	1.2 (23)	1.2 (24)	0.2 (4)	0.0 (0)	0.0 (0)	2.9 (56)
TOTAL	10.0 (196)	30.7 (600)	26.7 (521)	14.0 (274)	9.7 (189)	8.9 (173)	100.0 (1953)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2160

NUMBER OF MISSING WIND OBSERVATIONS: 207

NUMBER OF CALM HOURS: 5

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - A

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.1 (2)	0.1 (2)	0.2 (3)	0.0 (0)	0.0 (0)	0.4 (7)
NNE	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ESE	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SE	0.0 (0)	0.5 (8)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (9)
SSE	0.0 (0)	0.3 (4)	0.6 (9)	0.1 (1)	0.0 (0)	0.0 (0)	0.9 (14)
S	0.0 (0)	0.3 (4)	0.8 (12)	0.1 (1)	0.0 (0)	0.0 (0)	1.1 (17)
SSW	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.1 (1)	0.3 (4)	0.2 (3)	0.0 (0)	0.2 (3)	0.7 (11)
W	0.0 (0)	0.1 (2)	0.3 (4)	0.0 (0)	0.0 (0)	0.2 (3)	0.6 (9)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)	0.3 (5)
NW	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (3)	0.4 (6)
NNW	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (4)
TOTAL	0.2 (3)	1.8 (29)	2.2 (35)	0.5 (8)	0.1 (1)	0.9 (14)	5.6 (89)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 106

NUMBER OF MISSING WIND OBSERVATIONS: 17

NUMBER OF CALM HOURS: 0

NIAGARA MOHAUK

OSWEGO AMBIENT AIR MONITORING

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

SITE: NINE MILE LO-CUP (9)

JG120*

STABILITY CLASS - B

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)					TOTAL
	00-03	04-07	08-12	13-18	19-23	
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NE	0.1 (2)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
E	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
ESE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SE	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SSE	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
S	0.0 (0)	0.2 (3)	0.1 (2)	0.1 (2)	0.0 (0)	0.4 (7)
SSW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
SH	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.2 (3)
WSW	0.0 (0)	0.0 (0)	0.2 (3)	0.1 (1)	0.0 (0)	0.4 (6)
W	0.0 (0)	0.0 (0)	0.3 (4)	0.1 (2)	0.0 (0)	0.6 (10)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
TOTAL	0.1 (2)	0.6 (10)	1.1 (17)	0.4 (6)	0.1 (1)	2.6 (42)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 61

NUMBER OF MISSING WIND OBSERVATIONS: 19

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - C

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NE	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ESE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
SE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SSE	0.0 (0)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (4)
S	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
SSW	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)
WSW	0.0 (0)	0.1 (1)	0.1 (2)	0.3 (4)	0.1 (1)	0.4 (6)	0.9 (14)
W	0.0 (0)	0.0 (0)	0.1 (2)	0.2 (3)	0.0 (0)	0.2 (3)	0.5 (8)
WNW	0.0 (0)	0.1 (2)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.3 (4)
W	0.0 (0)	0.0 (0)	0.2 (3)	0.0 (0)	0.1 (2)	0.0 (0)	0.3 (5)
NNW	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
TOTAL	0.2 (3)	0.6 (10)	0.7 (11)	0.5 (8)	0.3 (4)	0.6 (10)	2.9 (46)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 62

NUMBER OF MISSING WIND OBSERVATIONS: 16

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - D

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (4)
NNE	0.0 (0)	0.3 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (4)
NE	0.1 (2)	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (6)
ENE	0.2 (3)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
E	0.3 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (6)
ESE	0.1 (2)	0.1 (2)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.4 (6)
SE	0.1 (1)	1.0 (16)	0.5 (8)	0.2 (3)	0.0 (0)	0.0 (0)	1.8 (28)
SSE	0.0 (0)	1.2 (19)	0.9 (15)	0.6 (10)	0.0 (0)	0.0 (0)	2.8 (44)
S	0.0 (0)	0.5 (8)	0.4 (7)	0.2 (3)	0.0 (0)	0.0 (0)	1.1 (18)
SSW	0.0 (0)	0.3 (5)	0.6 (10)	0.3 (4)	0.0 (0)	0.0 (0)	1.2 (19)
SW	0.1 (1)	0.1 (2)	0.3 (4)	1.4 (23)	0.2 (3)	0.1 (1)	2.1 (34)
WSW	0.1 (1)	0.1 (2)	1.0 (16)	1.8 (29)	0.6 (10)	0.6 (9)	4.2 (67)
W	0.1 (1)	0.7 (11)	2.9 (46)	2.3 (36)	0.9 (15)	0.6 (9)	7.4 (118)
WNW	0.0 (0)	0.1 (1)	0.1 (2)	0.1 (1)	0.1 (2)	0.6 (10)	1.0 (16)
NW	0.3 (5)	0.0 (0)	0.0 (0)	0.3 (5)	0.2 (3)	0.0 (0)	0.8 (13)
NNW	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
TOTAL	1.4 (23)	5.0 (79)	7.1 (113)	7.2 (115)	2.1 (33)	1.8 (29)	24.6 (392)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 477

NUMBER OF MISSING WIND OBSERVATIONS: 85

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - E

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.3 (4)	0.5 (8)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (14)
NNE	0.3 (5)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
NE	0.4 (6)	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (13)
ENE	0.4 (7)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (11)
E	0.6 (10)	0.3 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (14)
ESE	0.8 (12)	0.8 (13)	0.6 (9)	0.3 (4)	0.0 (0)	0.0 (0)	2.4 (38)
SE	0.5 (8)	1.8 (28)	0.6 (10)	0.4 (6)	0.1 (1)	0.0 (0)	3.3 (53)
SSE	0.3 (5)	1.6 (26)	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	2.4 (36)
S	0.2 (3)	1.4 (22)	0.9 (14)	0.1 (1)	0.0 (0)	0.0 (0)	2.5 (40)
SSW	0.4 (7)	0.6 (9)	0.8 (12)	0.0 (0)	0.0 (0)	0.0 (0)	1.8 (28)
SW	0.4 (7)	0.9 (14)	1.3 (21)	0.9 (14)	0.8 (12)	0.0 (0)	4.3 (68)
WSW	0.1 (2)	1.1 (17)	0.8 (12)	0.8 (13)	0.4 (6)	0.2 (3)	3.3 (53)
W	0.4 (7)	2.8 (44)	2.1 (34)	1.3 (21)	0.3 (4)	0.0 (0)	6.9 (110)
WNW	0.4 (6)	0.4 (7)	0.5 (8)	0.1 (1)	0.1 (1)	0.0 (0)	1.4 (23)
NW	1.1 (17)	0.4 (6)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	1.6 (25)
NNW	0.6 (10)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (15)
TOTAL	7.3 (116)	13.5 (215)	8.3 (132)	3.8 (60)	1.5 (24)	0.2 (3)	34.5 (550)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 623

NUMBER OF MISSING WIND OBSERVATIONS: 73

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - F

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.3 (5)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
NNE	0.4 (7)	0.4 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (13)
NE	0.6 (9)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (14)
ENE	0.7 (11)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (12)
E	0.8 (12)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (14)
ESE	0.8 (13)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (15)
SE	0.4 (7)	0.5 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (15)
SSE	0.3 (5)	0.6 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (15)
S	0.4 (7)	0.5 (8)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (18)
SSW	0.3 (4)	0.4 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (10)
SW	0.4 (7)	0.5 (8)	0.2 (3)	0.1 (2)	0.1 (1)	0.0 (0)	1.3 (21)
WSW	0.3 (4)	0.1 (1)	0.3 (5)	0.4 (6)	0.0 (0)	0.0 (0)	1.0 (16)
W	0.6 (9)	1.2 (19)	0.7 (11)	0.1 (2)	0.0 (0)	0.0 (0)	2.6 (41)
WNW	0.4 (7)	0.5 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (15)
NW	1.1 (17)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.3 (20)
NNW	0.5 (8)	0.3 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (12)
TOTAL	8.3 (132)	5.8 (93)	1.4 (22)	0.6 (10)	0.1 (1)	0.0 (0)	16.2 (258)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 281

NUMBER OF MISSING WIND OBSERVATIONS: 23

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

AMBIENT AIR MONITORING

OSWEGO

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

SITE: NINE MILE LO-CUP (9)

JG120*

STABILITY CLASS - G

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)					TOTAL
	00-03	04-07	08-12	13-18	19-23	
N	0.7 (11)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.9 (14)
NNE	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (4)
NE	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
ENE	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
E	0.9 (14)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (17)
ESE	1.1 (17)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	1.2 (19)
SE	1.3 (20)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	1.6 (25)
SSE	0.4 (6)	0.6 (9)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (15)
S	0.8 (13)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (13)
SSW	0.3 (4)	0.6 (9)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (13)
SW	0.3 (5)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.4 (7)
WSW	0.1 (2)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.3 (4)
W	0.3 (4)	0.5 (8)	0.1 (2)	0.0 (0)	0.0 (0)	0.9 (14)
WNW	0.3 (4)	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (11)
NNW	0.6 (10)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.8 (12)
NW	1.0 (16)	1.1 (17)	0.0 (0)	0.0 (0)	0.0 (0)	2.1 (33)
TOTAL	9.0 (143)	4.1 (65)	0.3 (5)	0.1 (2)	0.0 (0)	13.5 (215)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 241

NUMBER OF MISSING WIND OBSERVATIONS: 26

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

STABILITY CLASS - ALL

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	1.3 (21)	1.1 (17)	0.3 (5)	0.2 (3)	0.0 (0)	0.0 (0)	2.9 (46)
NNE	1.0 (16)	0.9 (14)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	1.9 (31)
NE	1.8 (29)	0.8 (13)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	3.0 (47)
ENE	1.8 (28)	0.4 (7)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	2.3 (37)
E	2.5 (40)	0.8 (12)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	3.3 (52)
ESE	2.8 (45)	1.3 (20)	0.6 (10)	0.3 (5)	0.0 (0)	0.0 (0)	5.0 (80)
SE	2.3 (36)	4.2 (67)	1.3 (20)	0.6 (9)	0.1 (1)	0.0 (0)	8.4 (133)
SSE	1.0 (16)	4.6 (73)	2.3 (37)	0.7 (11)	0.0 (0)	0.0 (0)	8.6 (137)
S	1.4 (23)	3.0 (47)	2.4 (39)	0.4 (7)	0.0 (0)	0.0 (0)	7.3 (116)
SSW	0.9 (15)	2.0 (32)	1.5 (24)	0.3 (4)	0.0 (0)	0.0 (0)	4.7 (75)
SU	1.3 (20)	1.6 (25)	1.8 (29)	2.6 (41)	1.1 (17)	0.1 (2)	8.4 (134)
WSW	0.6 (9)	1.4 (22)	2.7 (43)	3.6 (57)	1.1 (17)	1.4 (23)	10.7 (171)
W	1.3 (21)	5.3 (84)	6.5 (103)	4.0 (64)	1.2 (19)	1.2 (19)	19.5 (310)
WNW	1.1 (17)	1.6 (25)	0.6 (10)	0.2 (3)	0.3 (4)	0.9 (15)	4.6 (74)
NW	3.1 (49)	0.8 (12)	0.4 (6)	0.3 (5)	0.4 (6)	0.2 (3)	5.1 (81)
NNW	2.3 (37)	1.9 (30)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	4.3 (68)
TOTAL	26.5 (422)	31.4 (500)	21.0 (335)	13.1 (209)	4.0 (64)	3.9 (62)	100.0 (1592)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 1851

NUMBER OF MISSING WIND OBSERVATIONS: 259

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1982 THROUGH JUNE 30 1982

JG120*

% FREQUENCY (NO. OF OCCURRENCES) OF WIND DIRECTION WITHIN WIND SPEED CATEGORY

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	1.3 (21)	1.1 (17)	0.3 (5)	0.2 (3)	0.0 (0)	0.0 (0)	2.9 (46)
NNE	1.0 (16)	0.9 (14)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	1.9 (31)
NE	1.8 (29)	0.8 (13)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	3.0 (47)
ENE	1.8 (28)	0.4 (7)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	2.3 (37)
E	2.5 (40)	0.3 (12)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	3.3 (52)
ESE	2.8 (45)	1.3 (20)	0.6 (10)	0.3 (5)	0.0 (0)	0.0 (0)	5.0 (80)
SE	2.3 (36)	4.2 (67)	1.3 (20)	0.6 (9)	0.1 (1)	0.0 (0)	8.4 (133)
SSE	1.0 (16)	4.6 (73)	2.3 (37)	0.7 (11)	0.0 (0)	0.0 (0)	8.6 (137)
S	1.4 (23)	3.0 (47)	2.4 (39)	0.4 (7)	0.0 (0)	0.0 (0)	7.3 (116)
SSW	0.9 (15)	2.0 (32)	1.5 (24)	0.3 (4)	0.0 (0)	0.0 (0)	4.7 (75)
SW	1.3 (20)	1.6 (25)	1.8 (29)	2.6 (41)	1.1 (17)	0.1 (2)	8.4 (134)
WSW	0.6 (9)	1.4 (22)	2.7 (43)	3.6 (57)	1.1 (17)	1.4 (23)	10.7 (171)
W	1.3 (21)	5.3 (84)	6.5 (103)	4.0 (64)	1.2 (19)	1.2 (19)	19.5 (310)
WNW	1.1 (17)	1.6 (25)	0.6 (10)	0.2 (3)	0.3 (4)	0.9 (15)	4.6 (74)
NW	3.1 (49)	0.8 (12)	0.4 (6)	0.3 (5)	0.4 (6)	0.2 (3)	5.1 (81)
NNW	2.3 (37)	1.9 (30)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	4.3 (68)
TOTAL	26.5 (422)	31.4 (500)	21.0 (335)	13.1 (209)	4.0 (64)	3.9 (62)	100.0 (1592)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2184

NUMBER OF MISSING WIND OBSERVATIONS: 592

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)				TEMPERATURE DIFFERENCE (DEG F (TDFU))																	DATA FOR JANUARY				1982
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	-.2	.0	.0	.0	-.1	.0	.0	-.1	-.3	-.2	-.2	-.5	-.5	-.5	-.6	-.5	-.6	-.7	-.8	-1.0	-1.0	-1.0	-1.0	-1.1	-.5
02	-1.3	-1.4	-1.3	-1.4	-1.4	-1.5	-1.3	-1.2	-1.1	-1.4	-1.9	-2.2	-2.2	-2.3	-1.9	-1.0	-.6	-.3	1.8	3.5	3.9	3.5	2.5	.1	-.4
03	-.3	-.5	-.4	-.5	-.4	-.5	-.4	-.5	-.5	-.6	-.7	-.7	-.6	-.7	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.5
04	-.5	-.3	-.1	-.2	-.5	-.2	-.1	-.2	-.2	-.3	-.4	.0	-.3	-.1	.0	.9	.4	.0	.0	-.4	-.6	-.7	-.6	-.6	-.2
05	-.6	-.7	-.7	-1.0	-1.2	-1.7	-1.8	-2.0	-1.9	-1.8	-1.6	-1.5	-1.3	-1.2	-1.1	-1.0	-.9	-.8	-.8	-.7	-.2	.4	.0	.3	-1.0
06	.5	.2	.0	-.1	.0	.0	.0	-.1	-.2	-.5	-.6	-.6	-.8	-.7	-.8	-.6	-.1	.3	.0	.2	.0	-.3	-.6	-.6	-.2
07	-.9	-.7	-1.1	-.8	-.7	-.9	-.7	-.8	-.9	-1.0	-1.1	-1.1	-1.0	-1.0	-1.1	-1.2	-1.0	-1.1	-1.3	-1.4	-1.4	-1.3	-1.4	-1.6	-1.1
08	-1.6	-1.6	-1.6	-1.6	-1.5	-1.4	-1.5	-1.3	-1.5	-1.2	-1.2	-1.0	-.6	-.9	-1.2	-.9	-.6	-.4	-.4	-.5	-.8	-.5	-1.3	-1.1	-1.7
09	-1.8	-1.4	-1.5	-1.6	-1.6	-1.5	-1.1	-.9	-1.1	-1.4	-1.4	-1.5	-1.4	-1.5	-1.4	-1.5	-1.6	-1.9	-2.3	-2.4	-2.5	-2.6	-2.4	-2.3	-1.7
10	-2.2	-2.5	-2.4	-2.2	-2.0	-2.1	-2.2	-2.2	-2.2	-2.3	-2.4	-2.2	-2.3	-.7	-.7	-.6	-.8	-.6	-.6	-.6	-.6	-.5	-.4	-.5	-1.5
11	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-1.3	-2.5	-2.4	-2.4	-2.1	****	-1.9	-1.8	-1.9	-1.7	-1.8	-1.6	-1.4	-1.2	-1.3	-1.3
12	-1.0	-1.0	-.4	.3	-.3	.2	-.1	2.4	2.7	-.8	-1.5	-2.2	-2.5	-2.7	-1.7	-1.2	-.9	.0	.1	-.1	-.1	.0	-.2	-.5	
13	.0	.0	.7	.8	.0	-.1	-.4	-.6	-.9	-1.1	-1.2	-1.2	-1.3	-1.2	-1.2	-1.1	-.8	-.5	-.4	-.6	-.6	-.6	-.6	-.6	
14	-.6	.0	1.1	1.1	-.3	-.7	-.6	-.7	-.8	-.9	-.9	-.8	-1.0	-1.1	-1.1	-1.0	-.9	-.9	-1.0	-1.0	-1.0	-.9	-.8	-.9	-.7
15	-.9	-.8	-1.2	-1.3	-1.4	-1.5	-1.5	-1.3	-1.3	-1.2	-1.4	-1.4	-1.3	-1.1	-.9	-.5	-.1	.2	.0	-.1	-.1	-.1	.1	.6	-.8
16	1.3	1.0	.9	.3	.2	.1	-.3	-.4	-.4	-.5	-.4	-.7	-.7	-.4	-1.1	-1.2	-.2	-.7	-1.0	-1.0	-.8	-.9	-1.0	-.5	-.4
17	-.5	-.6	-.5	-1.1	-1.4	-1.6	-1.7	-1.7	-1.9	-1.9	-1.8	-1.9	-1.4	-.9	-.6	-.5	-.1	-.6	-.6	-.6	-.6	-.5	-.4	-1.0	-1.0
18	-.5	-.4	-.3	-.2	-.2	.0	.0	-.2	-.4	-.6	-.7	-.7	-.3	****	.4	.0	.3	.1	.1	.0	.1	.1	.0	-.1	-.2
19	.0	.2	.9	.9	.8	.2	.3	.1	.0	-.6	-.3	.5	.9	1.3	1.0	.9	.8	.6	.6	.5	.3	.0	-.1	-.1	.4
20	.0	.0	.0	.4	.5	-1.0	-1.1	-1.1	-1.0	-.9	-1.6	-2.2	-2.4	-2.9	-3.0	-2.6	-1.9	-1.2	-1.2	-1.2	-1.2	-1.0	-1.0	-1.1	-1.2
21	-.9	-.9	-.9	-1.0	-.9	-1.0	-.9	-.9	-1.2	-1.4	-1.8	-2.2	-2.0	-1.9	-1.9	-1.3	-.8	-.6	-.7	-.6	-.6	-.8	-.8	-.6	-1.1
22	-.5	-.4	-.4	-.5	-.4	-.3	-.4	-.5	-1.4	-1.6	-2.3	-2.6	-2.6	-2.1	-1.8	-1.7	-.2	2.1	2.3	1.6	.0	-.3	-.6	-.7	-.6
23	-.8	-.8	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.5	-.5	-.4	-.4	-.3	-1.0	-1.8	-1.8	-1.7	-1.7	-1.6	-.8
24	-1.7	-1.4	-1.2	-1.2	-1.3	-1.4	-1.0	-.9	-.9	-.8	-1.3	-1.6	-1.1	-1.1	-1.3	-2.0	-2.0	-1.7	-2.1	-2.2	-2.3	-2.1	-2.2	-2.2	-1.5
25	-2.1	-1.9	-1.8	-1.8	-1.9	-1.8	-1.6	-1.8	-1.6	-1.7	-1.6	****	****	****	-1.6	-1.3	-1.3	-1.2	-1.4	-1.2	-1.3	-1.4	-1.4	-1.6	-1.6
26	-1.7	-1.3	-1.0	-.5	.0	1.4	1.7	3.1	-.2	-1.0	-.8	-1.5	-1.3	-1.5	-1.3	-1.2	-1.1	-.8	-.7	-.6	-.6	.2	3.9	4.7	-.1
27	6.2	5.8	5.3	7.2	8.8	9.3	10.3	10.8	6.0	.4	-1.0	-1.8	-1.7	-1.4	-1.0	-1.2	-.6	.2	.2	.2	.1	.2	.4	.5	2.6
28	.8	1.0	.9	.1	.1	-.1	-.1	-.1	-.4	-.8	-.7	-.9	-.9	-.6	-.5	-1.8	-.8	-.7	-.3	.0	-.4	-.2	-.2	-.5	-.3
29	-.7	-.8	-1.0	-1.0	-1.1	-1.2	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.5	-1.4	-1.3	-1.1	-1.0	-.9	-.8	.3	2.9	4.0	3.4	1.0	-.4
30	.0	-.3	-.4	-.4	-.3	-.2	-.3	-.3	-.1	-.5	-.6	-.6	-.7	-.7	-.6	-.3	.0	.2	.1	-.3	-.3	-.5	-.3	-.4	-.3
31	-.6	-.5	-.6	-.6	-1.1	-1.2	-1.2	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	-.9	-.6	-.7	-.7	-.2	-.5	-.5	-.3	-.1	-.9

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

-JG11

NINE MILE UPPER (9)		TEMPERATURE DIFFERENCE (DEG F (TDFU))																		DATA FOR FEBRUARY 1982							
HR	ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG	
01		-.4	-.5	-.6	-.7	-.2	-1.1	-1.4	-1.7	-2.0	-2.0	-2.0	-2.1	-2.0	-1.8	-1.8	-1.5	-1.3	-.9	-.6	-.8	-.8	-.4	-.3	-.1	-1.1	
02		-.1	-.9	2.6	2.1	2.3	2.4	2.3	1.9	.1	-1.1	-1.3	-1.4	-1.8	-1.3	-.5	-.1	.0	-.1	-.3	-.4	-.5	-.4	-.4	-.3	-1.2	
03		-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.5	-.5	-.5	-.6	-.7	-.7	-.5	-.3	.0	-.1	-.1	.0	.2	.0	-.7	-.7	-.6	-.4	
04		-.9	-1.0	-1.2	-1.3	-1.3	-1.2	-1.2	-1.2	-1.3	-1.3	-1.4	-1.3	-1.3	-1.3	-1.1	-1.1	-1.1	-1.0	-1.0	-1.2	-1.0	-.4	-.2	-.4	-1.0	
05		.5	.1	-.2	-.5	-.5	-.2	-.4	-.5	-.7	-1.0	-1.2	-1.4	-2.4	-1.9	-1.4	-1.1	-1.0	-.7	-.6	-.6	-.5	-.5	-.3	-.3	-.7	
06		-.6	-.8	-1.1	-.9	-1.2	-1.2	-.7	-.5	-.8	-1.0	-1.3	-1.3	-1.3	-2.1	-2.1	-2.0	-1.8	-1.6	-.8	-1.0	-1.7	-.9	-.7	-.8	-1.2	
07		-.6	-.5	-.6	-.6	-.5	-.1	.3	.8	.0	-.3	-.2	-.5	-.4	.1	.2	-.1	-1.0	-.7	-.6	-.8	-1.0	-1.1	-1.1	-1.1	-.4	
08		-1.1	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	****	****	****	-2.2	-2.3	-1.6	-1.3	-.6	-.4	.0	1.5	1.8	1.2	1.2	1.5	-.7	
09		2.2	1.5	.4	.2	-.4	.0	-.4	-.5	-.8	-.9	-1.0	-1.3	-1.3	-1.2	-1.3	-1.1	-1.0	-.9	-.8	-.8	-.9	-1.0	-1.1	-.6		
10		-1.6	-1.5	-1.7	-1.6	-1.5	-1.2	-1.2	-1.4	-1.3	-1.1	-.5	-.8	-1.2	-1.8	-1.3	-.7	-.9	-.8	-1.3	-1.4	-1.5	-1.0	-1.0	-1.5	-1.2	
11		-1.0	-.8	-.8	-.9	-.8	-.6	-.8	-.8	-1.1	-1.5	-1.8	-2.4	-2.4	-2.4	-2.3	-1.8	-1.3	-.8	.2	1.6	.5	-1.8	-1.5	-1.4	-1.1	
12		-1.2	-.8	-.7	-.8	-1.8	-2.3	-2.0	-1.9	-1.8	-1.8	-1.9	-1.9	-1.8	-1.7	-1.5	-1.2	-.8	-.8	-.5	-.5	.2	.0	-.2	.0	-1.2	
13		.0	-.1	.2	.7	.4	.0	-.2	-.4	-1.1	-1.5	-1.8	-1.9	-1.9	-1.9	-1.6	-1.2	-1.1	-.9	-.8	-.4	-.8	-.9	-.9	-.9	-.8	
14		-.8	-.6	-.5	-.6	-.5	-.6	-.5	-.2	-.7	-.9	-.9	-1.1	-1.3	-1.8	-2.8	-2.5	-1.6	.0	.7	.5	.1	-.1	-.2	-.4	-.7	
15		-.3	-.4	-.3	-.3	.0	-.1	-.1	-.2	-.4	-.8	-1.3	-1.7	-1.5	-1.3	-.5	-.1	.1	.6	1.2	1.4	1.1	1.5	1.6	2.2	.0	
16		3.0	3.0	1.4	.5	.5	.9	1.0	.9	.3	-.3	-.6	-1.7	-2.4	-2.5	-2.6	-2.0	-1.6	-.7	-.5	-.7	-.8	-.7	-.7	-.7	-1.3	
17		-.7	-.7	-.8	-.8	-.8	-.8	-.6	-.5	-1.0	-1.4	-1.7	-1.8	-1.9	-2.3	-2.1	-1.8	-1.2	-.8	-.8	-.7	-.6	-.4	-.8	-.4	-1.0	
18		.2	-.1	-.4	-.4	-.2	-.1	.0	-.2	-1.1	-1.5	-1.9	-2.5	-2.8	-2.8	-2.7	-2.4	-1.6	-.5	-.3	-.4	-.5	-.5	-.7	-.7	-1.0	
19		-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.7	-.8	-.8	-.9	-1.0	-1.0	-.8	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.6	-.7	-.7
20		-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.8	-.9	-1.0	-.9	-.5	-.3	-.5	-.7	-.2	.7	.0	-.3	-.4	-.3	-.5	-.5	
21		-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.6	-.6	-.8	-1.3	-2.0	-2.2	-2.0	-2.0	-1.0	-.7	-.4	-.5	-.4	-.3	-.3	.0	-.1	-.8	
22		-.2	-.3	-.4	-.4	-.5	-.6	-.7	-.9	-1.4	-1.8	****	-2.3	-2.2	-2.1	-1.8	-1.6	-1.1	.0	-.7	-.8	-.8	-.8	-.7	-.7	-1.0	
23		-.8	-.7	-.6	-.5	-.5	-.4	-.4	-.5	-.6	-.8	-.7	-.5	-.2	-.4	-.4	-.4	-.2	-.2	-.1	.0	-.3	-.9	-1.0	-1.2	-.5	
24		-1.2	-1.3	-1.4	-1.4	-1.2	-1.1	-1.1	-1.1	-1.4	-1.6	-1.9	-2.1	-1.9	-1.9	-1.9	-1.8	-1.5	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.1	-1.4	
25		-1.3	-1.2	-1.2	-1.2	-1.1	-1.1	-1.1	-1.3	-1.6	-1.8	-2.0	-2.3	-2.0	-1.9	-1.6	-1.6	-1.6	-1.4	-1.4	-1.2	-1.2	-1.2	-1.0	-.8	-1.4	
26		-.7	-.6	-.5	-.5	-.6	-.5	-.5	-.6	-1.0	-1.4	-1.4	-1.6	-1.6	-1.3	-1.1	-1.1	-.5	-.3	-.1	-.4	-.6	-.7	-.8	-.6	-.8	
27		-.8	-.9	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-1.0	-1.1	-1.2	-1.6	-2.0	-2.1	-2.1	-1.8	-1.3	-.9	-.6	-.5	-.5	-.5	-.6	-.8	-1.1	
28		-.8	-.9	-.7	-.4	-.5	-.6	-.7	-1.1	-1.8	-2.3	-2.2	-2.8	-3.0	-3.0	-2.6	-2.6	-2.3	-1.4	-.7	-.7	-.7	-.5	-.2	1.2	-1.3	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

-JG1

NINE MILE UPPER (9)		TEMPERATURE DIFFERENCE (DEG F (TDFU))																				DATA FOR MARCH					198
HOUR	ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG	
01	DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
01		2.0	.7	.2	.0	-.1	-.1	-.4	-.4	-.8	-1.4	-1.6	-1.3	-1.0	-.8	-.8	-.6	-.6	-.4	-.2	-.1	-.3	-.7	-.8	-.9	-.4	
02		-.9	-1.1	-1.0	-1.1	-1.2	-1.3	-1.2	-1.1	-1.3	-1.2	-1.3	-1.4	-1.7	-1.7	-1.9	-1.9	-1.7	-1.5	-1.4	-1.3	-1.3	-1.2	-1.2	-1.3	-1.3	
03		-1.3	-1.3	-1.3	-1.2	-1.0	-1.1	-1.1	-1.3	-1.7	-1.9	-1.9	-2.3	-2.7	-2.3	-2.2	****	-1.5	-.9	-.7	1.0	3.6	4.2	3.5	3.7	-.5	
04		3.8	3.8	2.0	1.1	1.0	.7	.3	-.2	-1.0	-1.4	-1.3	-1.3	-1.4	-1.1	-.9	-.8	-.7	-.8	-.7	1.0	3.6	4.2	3.5	3.7	-.5	
05		.2	.0	-.1	.0	-.3	-.7	-1.1	-1.3	-1.5	-1.5	-1.6	-1.5	-1.8	-1.9	-1.8	-1.9	-1.6	-.9	-.9	-.9	-.9	-.8	-.7	-.8	-1.0	
06		-.7	-.7	-.7	-.9	-.3	.4	2.6	1.0	-.9	-1.6	-1.9	-2.3	-2.4	-2.3	-1.8	-1.5	-1.2	-.6	-.4	-.8	-.8	-.7	-.6	-.6	-.8	
07		-.5	-.6	-.5	-.5	-.5	-.4	-.2	-.3	-.6	-.6	-.9	-1.0	-.8	-.8	-.8	-1.0	-1.0	-1.1	-1.2	-.8	-.4	-.3	-.3	-.6	-.7	
08		-.8	-.9	-1.0	-1.3	-1.2	-1.5	-1.6	-1.8	-1.6	****	****	****	****	-2.1	-2.3	-2.2	-1.9	-1.7	-1.5	-1.4	-1.1	-.5	-.2	.1	-1.3	
09		-.3	-.3	-.4	-.5	-.7	-.7	-.7	-.8	-1.0	-1.1	-1.5	****	****	-1.2	-1.2	-1.1	-1.0	-1.1	-1.0	-.9	-.6	-.6	-.6	-.2	-.8	
10		.3	-.7	-.6	-.5	-.1	1.1	1.3	.0	-.8	-1.0	-1.0	-.9	-.4	-.6	-.3	.0	-.2	****	****	****	****	****	****	****	-.3	
11		****	****	****	****	****	-.3	-.4	-.5	-.5	-1.0	-.9	-1.1	-1.1	-1.1	-.1	.1	****	****	****	****	****	****	****	****	-.6	
12		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
13		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
14		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
15		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
16		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
17		-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.6	-.6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
18		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
19		-.3	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.7	-.8	-1.0	-1.2	-2.3	-2.3	-2.0	-1.0	.0	.4	-.1	-.5	-.6	-.5	.2	1.3	-.6	
20		1.5	2.0	1.6	1.5	1.3	.8	.4	.0	-.4	-1.1	-1.3	-1.0	-.8	-1.8	-2.2	-1.6	-1.0	-.7	-.3	.0	-.4	-.3	1.5	2.3	.0	
21		1.4	1.1	.5	.7	.0	-.2	-.3	-.5	-.7	-.8	-.7	-.4	-.5	-.2	-.4	.2	.3	.3	.3	.1	.0	-.3	-.6	-.5	-.1	
22		-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.6	-.8	-.8	****	-1.1	-1.2	-1.1	-1.1	-1.1	-.7	-.1	-.1	-.4	-.5	-.5	-.4	-.5	-.6	
23		-.5	-.5	-.6	-.8	-.8	-.9	-.8	-.9	-1.2	-1.3	-1.1	-2.0	-2.1	-2.4	-2.0	-1.8	-1.6	-1.3	.2	2.4	3.6	4.4	3.8	3.8	-.2	
24		2.6	1.7	1.8	1.4	.7	.4	.1	-.2	-.9	-1.5	-1.8	-2.6	-2.3	-2.5	-2.1	-1.5	-.9	-.4	1.1	4.8	4.4	4.8	3.4	2.6	.5	
25		1.6	2.6	4.8	3.5	2.3	3.5	4.5	1.6	-.5	-.4	-.7	-1.1	-.9	-.5	1.4	1.7	-.2	1.9	2.5	.6	.8	3.9	3.1	1.9	1.6	
26		2.0	.8	-.7	-.5	-.8	-1.0	-.8	-.9	-.9	-.9	-1.0	-1.3	-1.1	-1.2	-1.2	-1.2	-1.2	-1.4	-1.6	-1.8	-1.8	-1.8	-2.0	-1.8	-1.0	
27		-1.9	-1.8	-1.8	-1.5	-1.5	-1.5	-1.7	-1.7	-2.0	-2.5	-2.6	-2.7	-2.3	-2.1	-1.8	-1.6	-1.8	-1.0	-.4	-.6	-.9	-1.6	-1.9	-1.7	-1.7	
28		-1.6	-1.6	-1.6	-1.5	-1.5	-1.4	-1.5	-1.5	-1.6	-1.6	-1.4	-1.5	-1.7	-1.8	-1.8	-1.7	-1.6	-1.4	-1.1	-1.1	-1.1	-1.1	-1.1	-.9	-1.4	
29		.4	.5	.5	1.5	1.8	1.4	.5	-.7	-1.1	-1.2	-.8	-1.2	-1.4	-1.3	-2.1	-1.8	-1.6	-1.6	.1	3.0	5.7	6.5	6.3	4.4	.7	
30		3.2	2.9	1.6	1.3	1.3	1.4	1.5	.0	-1.2	-1.8	-1.7	-2.5	-2.3	-1.7	-1.4	-1.2	-.6	-.6	.0	.5	.6	.2	.1	.0	.0	
31		-.3	.0	-.2	.5	1.9	2.1	2.0	.2	-1.0	-1.7	-1.4	-2.1	-2.1	-2.6	-2.4	-1.5	-.9	.1	-.6	.4	-.1	-.4	-.3	-.5	-.5	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)				TEMPERATURE DIFFERENCE (DEG F (TDFU))																	DATA FOR APRIL				1982
HR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	-.3	-.2	.0	.0	-.3	-.4	-.5	-.2	.0	-.7	-1.0	-1.2	-1.2	-1.1	-1.4	-1.2	-1.0	-1.1	-1.1	-1.3	-1.3	-1.4	-1.4	-1.4	-.8
02	-1.4	-1.4	-1.4	-1.3	-1.3	-1.3	-1.4	-1.7	-2.2	-2.7	-2.7	-3.1	-2.8	-3.0	-2.5	-2.6	-2.1	-1.8	-.6	1.4	2.2	2.0	1.0	.3	-1.3
03	.3	.0	-.1	-.2	-.3	-.4	-.4	-.5	-.2	-.1	-.3	-.3	-.3	-.6	-.7	-.4	-.6	-.4	.0	-.5	-.5	-.6	-.8	-.9	-.4
04	-.8	-.9	-.8	-1.0	-1.1	-1.6	-2.1	-2.0	-1.6	-1.6	-1.7	-1.9	-1.7	-1.6	-2.0	-1.8	-1.7	-2.1	-2.2	-2.3	-2.2	-1.9	-2.1	-2.3	-1.7
05	-2.4	-2.5	-2.0	-1.6	-1.5	-1.4	-1.4	-1.4	-1.5	-1.5	****	****	****	****	-1.3	-1.2	-.5	-.2	.4	1.0	.9	.6	.8	.0	-.8
06	.0	-.1	-.2	-.3	-.5	-.5	-.7	-1.2	-1.2	-1.7	-2.0	-2.4	-2.5	-2.7	-2.6	****	****	****	****	****	****	****	****	****	-1.2
07	****	****	****	****	****	****	****	****	****	-2.4	-2.3	-2.3	-2.1	-2.0	-1.9	-1.8	-1.7	-1.5	-1.4	-1.3	-1.3	-1.3	-1.3	-1.3	-1.7
08	-1.3	-1.3	-1.3	-1.4	-1.5	-1.5	-1.6	-1.7	-1.9	-1.9	-2.0	-1.6	-1.7	-1.7	-1.9	-1.8	-1.6	-1.5	-1.3	-1.0	-.8	-.7	-.8	-.9	-1.4
09	-.9	-.9	-.9	-.9	-.7	2.3	.9	-1.0	-1.2	-1.4	-1.4	-1.7	-1.9	-2.0	-2.0	-1.8	-1.5	-1.2	-.6	-.3	-.2	-.2	-.3	-.4	-.8
10	-.4	-.6	-.6	-.8	-.8	-.8	-.6	-.4	-.7	-.8	-.4	-.8	-.7	-.7	-.6	-.5	-.3	-.3	.0	.0	.3	.7	.0	-.2	-.4
11	-.1	-.1	-.1	.0	-.5	-.6	-.6	-.5	-.4	-.6	-1.0	-1.3	-1.0	-1.5	-1.3	-1.5	-1.2	-1.1	-.9	-.7	-.8	-.8	-.8	-.8	-.8
12	-.6	-.5	-.7	-.7	-.7	-.7	-.7	-.9	-.9	-.9	-.9	-1.0	-1.3	-1.8	-2.3	-2.1	-.4	-.6	.4	2.0	1.1	.1	-.3	-.4	-.6
13	-.4	-.5	-.4	-.2	-.4	-.4	-.1	-.4	-.3	-.3	-.6	-.3	-.5	-.6	.0	.0	-.3	-.2	-.1	-.2	-.2	-.2	-.4	-.4	-.3
14	-.5	-.6	-.6	-.6	-.5	-.6	-.7	-.6	-1.0	-1.2	-1.0	-1.6	-1.7	-1.9	-2.1	-2.0	-1.7	-1.1	-.4	1.3	3.5	4.6	5.7	6.2	.0
15	6.3	6.8	6.4	3.7	3.3	2.0	.9	-.8	-1.7	-2.1	-1.9	-2.6	-2.8	-1.9	1.1	-1.2	-2.3	-1.8	-.3	.9	.6	.5	.6	.7	.6
16	.2	.2	.2	.1	.2	.2	-.2	-1.1	-1.8	-2.0	-1.9	-2.2	-2.3	-1.6	-1.8	-2.3	-1.4	-.7	-.5	-.4	-.4	-.4	-.5	-.9	-.9
17	-.5	-.6	-.5	-.5	-.6	-.4	-.6	-.8	-1.1	-1.4	-1.7	-1.7	-1.3	4.4	3.7	1.0	2.8	2.0	1.7	5.2	.0	.0	.2	-.6	-.4
18	-.8	-.6	-.7	-.6	-1.0	-1.2	-1.3	-1.4	-1.4	-1.5	-1.5	-1.5	-1.4	-1.4	-1.6	-1.6	-1.3	-1.1	-.9	-.4	-.5	-.7	-.5	.3	-1.0
19	2.8	4.5	5.5	6.7	7.1	7.9	4.1	-.9	-1.8	-1.9	-1.9	****	****	-2.2	-2.0	-1.6	-1.7	-1.2	.3	3.5	4.2	4.5	6.1	5.2	2.1
20	1.7	.4	.0	-.2	-.3	.9	.9	.8	2.3	1.0	-1.0	-.9	-1.4	-2.0	-1.3	-1.0	-.7	-.5	1.7	1.4	1.4	2.3	1.6	.5	.3
21	.6	-.1	-.2	-.6	-1.1	-1.3	-1.5	-1.6	-1.6	-1.7	-1.8	-1.8	-1.8	-1.9	-1.9	-1.9	-1.8	-1.6	-1.4	-1.1	-.5	-.7	-1.1	-1.2	-1.2
22	-1.0	-1.2	-1.3	-1.4	-1.5	-1.5	-1.6	-1.6	-1.7	-1.7	-1.7	-1.7	-1.8	-1.8	-1.9	-1.9	-1.6	-1.7	-1.5	-1.3	-1.0	-.7	-.4	-.9	-1.4
23	-1.0	-.8	-.6	-.8	-.6	-.7	-.8	-.9	-1.1	-1.2	-1.1	-.8	-1.0	-1.0	-1.0	.1	.1	.2	.0	.1	.4	.3	.1	.1	-.5
24	.4	.3	.2	-.1	-.2	.0	-.1	1.6	.6	-.2	2.6	2.3	1.8	1.0	2.5	.6	.1	3.7	1.7	.7	.0	-.1	-.1	.0	.8
25	1.0	1.3	1.1	1.4	1.6	1.6	.6	-.9	-.5	-.9	.3	5.5	5.6	4.1	2.3	-.9	-1.5	-.9	.1	2.6	5.0	5.4	5.2	5.2	1.8
26	3.5	2.5	1.5	2.1	1.2	.8	.3	-.7	-1.4	-1.9	-2.1	-2.3	-2.3	-1.9	-1.8	-1.3	-1.0	.9	5.1	5.9	4.4	2.7	.9	.7	.7
27	2.8	4.5	1.6	6.0	6.9	7.2	6.1	2.7	.0	-.9	-1.1	-1.0	-.9	-.9	-1.2	-1.4	-1.4	-1.2	-1.0	-.1	-.5	1.3	.8	.2	1.2
28	.3	.3	.3	.1	-.2	-.1	-.5	-1.4	-1.3	-1.5	.1	.2	1.4	3.1	4.4	2.9	3.2	1.0	.3	.0	.6	1.3	.7	.5	.7
29	.0	-.6	-.8	.3	1.6	2.3	1.4	-2.6	1.3	-1.0	-1.1	-1.9	-2.0	-.7	.7	-1.4	-1.1	.0	-.1	.8	2.7	5.9	7.4	3.7	.6
30	1.5	.5	1.1	.8	.5	.1	.4	.3	.1	-.4	-.3	-.4	-.2	-.4	-.7	1.2	1.0	2.2	1.4	2.2	1.5	3.5	3.1	6.0	1.1

OSWEGO
 NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE UPPER (9)			TEMPERATURE DIFFERENC' DEG F (TDFU)																	DATA FOR MAY				199	
HR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	2.4	.0	-.4	-.3	-.2	-.3	-.6	-1.0	-1.2	-1.5	-1.2	-1.7	-1.5	-.7	-.3	-.7	-.6	-.2	1.6	2.0	.2	.1	-.3	-.4	-.3
02	-.4	-.7	-.7	-.6	-.6	-.6	-.7	-.9	-1.0	-1.3	-.7	-1.8	-2.4	-2.4	-2.3	-1.1	-.9	-.8	-.3	2.9	.8	.0	-.3	-.2	-.7
03	.0	-.6	-.4	-.4	-.6	-.5	-.7	-1.0	-1.0	-1.6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-.7
04	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
05	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
06	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
07	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
08	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
09	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	3.5	5.2	5.9	6.3	7.3	5.8	1.7	.2	.3	-.4	.3	3.6	4.9	5.3	4.1	3.6	4.4	4.7	3.5	2.7	3.3	4.5	5.0	6.1	3.8
12	4.6	2.7	1.9	.6	.1	.0	-.3	-.7	-.8	-1.2	-1.7	-1.8	1.1	2.3	.4	1.6	1.7	-.3	-.4	.1	1.0	2.3	3.1	2.4	.8
13	4.5	1.8	.3	.4	.3	1.1	.4	1.4	2.1	.6	-.3	-.8	2.6	3.2	3.9	6.1	6.5	6.8	5.8	7.1	-.6	-.2	.5	1.5	3.2
14	4.0	5.3	4.8	7.8	3.2	2.4	.8	-.6	-1.2	-.4	2.5	3.2	3.9	6.1	6.5	6.8	5.8	7.1	-.6	-.2	.5	1.5	3.6	4.9	3.2
15	5.6	8.5	8.0	5.7	6.3	6.1	2.5	2.7	2.4	1.4	2.3	4.8	4.4	5.9	6.0	7.2	3.9	.2	.0	-.1	1.7	3.2	4.8	6.6	4.2
16	9.3	10.7	10.4	9.8	7.5	7.3	1.4	2.5	1.6	2.4	3.2	3.5	6.5	5.6	2.2	-1.3	.0	.1	.2	1.7	1.2	2.4	2.1	2.1	3.9
17	3.0	1.9	2.0	2.0	1.9	.0	-.3	1.1	****	.7	-.7	-.7	6.2	9.1	10.6	11.4	8.6	11.1	11.7	10.3	7.9	4.5	5.5	5.5	5.0
18	7.2	9.8	5.6	2.7	1.4	.7	-.2	-1.0	1.3	7.8	2.5	2.0	3.0	5.0	5.1	.1	.0	.6	1.5	5.3	8.5	10.1	11.5	4.5	4.0
19	1.7	1.8	1.6	1.4	1.5	.4	-.4	-.9	1.4	4.5	4.2	.1	.3	-.1	-1.1	-1.9	-1.8	-.9	-.9	-.1	3.2	2.3	2.2	.4	.8
20	.4	7.3	11.1	10.1	7.1	5.5	4.0	1.8	.9	1.1	-.1	2.2	-1.8	-1.1	-.6	-.5	.8	3.9	.2	.9	2.0	1.1	.0	.2	2.4
21	4.0	6.1	6.7	3.7	3.2	2.0	.9	.3	.6	2.3	4.5	4.8	4.6	4.7	4.4	4.7	5.4	5.9	6.0	6.7	5.2	2.7	1.1	1.0	3.8
22	1.6	1.4	2.8	2.3	1.5	.3	-.9	-1.4	-1.8	-1.8	-1.5	-1.1	-.5	-.6	-.4	-.4	-.4	-.2	-.2	.0	.1	.1	.0	-.1	-.1
23	-.3	-.4	-.5	-.5	-.5	-.4	-.2	-.2	-.2	-.3	-.2	-.4	-.8	-1.0	-1.3	-1.2	-1.1	-.9	-.8	-.7	-.7	-.6	-.7	-.7	-.6
24	-.6	-.4	-.6	-.6	-.5	-.6	-.7	-.8	-1.0	-1.1	-1.7	-1.9	-1.5	-1.3	-1.2	-1.1	3.7	.5	1.5	1.2	1.0	1.2	2.5	1.2	.0
25	2.1	4.7	2.2	1.4	1.4	1.3	2.5	1.9	2.0	2.2	.9	-.4	1.4	3.0	2.2	-.3	.0	.8	3.1	1.3	3.4	3.8	5.1	7.7	2.2
26	7.6	5.2	4.8	4.7	4.8	5.4	2.4	4.1	5.5	4.5	5.0	8.3	5.8	4.6	2.7	2.8	2.0	-.3	-.7	2.9	6.7	8.5	9.9	10.0	4.9
27	8.5	6.5	3.1	3.0	1.8	.8	.0	-.6	-1.5	-2.2	-1.7	-.4	6.4	6.9	2.6	.0	1.8	-.7	-.4	.6	1.1	.9	.6	.3	1.6
28	.0	.1	.1	.0	.0	-.3	-.6	-.3	-.5	-1.1	-1.2	-1.5	-1.2	-1.3	-.4	-.5	-1.1	-.8	-.5	-.3	-.3	-.4	-.4	-.5	-.5
29	-.6	-.5	-.6	-.6	-.6	-.6	-.7	-1.2	-1.5	-.7	.1	-1.3	-.8	2.1	1.2	2.4	-.5	3.2	7.3	6.5	3.6	4.2	5.6	4.4	1.3
30	3.0	1.5	.8	-.9	.5	-.1	-.8	-1.2	-1.7	-1.7	-1.4	-2.1	-2.6	-2.8	-1.9	9.9	3.7	4.9	4.5	4.0	8.4	16.3	12.9	4.5	2.5
31	3.7	6.4	8.3	6.6	5.2	3.3	1.5	-.1	-.1	.0	1.3	1.6	.7	.4	.2	3.1	3.2	3.1	2.4	1.7	.8	.4	.6	.8	2.3

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE LOWER (9)		TEMPERATURE (DEG F)																		(TMPL)		DATA FOR				JANUARY	1982
HOUR	ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG	
01		33	33	34	34	35	38	38	37	37	38	38	39	39	38	37	36	35	34	33	32	31	31	30	30	35	
02		27	25	24	23	21	19	17	16	15	14	15	15	16	17	17	16	16	16	13	11	10	11	11	11	17	
03		14	16	19	22	23	25	26	27	27	28	30	31	31	31	32	32	32	32	32	32	32	32	31	31	28	
04		31	32	33	33	34	34	35	36	38	40	41	42	43	43	42	42	41	39	40	38	37	37	36	34	38	
05		32	32	31	30	28	26	24	23	23	24	25	25	26	28	29	29	29	30	30	29	28	27	27	26	28	
06		25	26	26	26	26	28	29	31	32	33	36	39	40	40	40	39	38	38	38	38	37	36	35	33	34	
07		33	32	29	29	29	29	29	28	28	28	28	28	28	27	27	27	26	27	25	23	22	21	21	20	27	
08		19	19	19	18	17	16	15	15	15	13	12	14	14	17	18	17	15	15	16	17	20	22	22	24	17	
09		23	22	23	22	22	21	19	17	18	18	17	16	15	14	13	13	12	12	12	11	9	8	7	7	15	
10		6	6	4	3	3	2	0	-1	-1	0	0	4	6	3	4	4	5	3	2	2	1	0	0	0	2	
11		-1	-1	-1	-1	-1	0	0	2	4	9	9	6	4	3	****	1	2	1	1	0	0	-1	-1	-1	1	
12		-2	-2	-5	-9	-10	-11	-11	-13	-12	-8	-3	1	4	6	6	5	4	2	2	2	2	3	3	3	-2	
13		2	1	1	0	1	2	3	4	5	6	8	10	12	13	14	15	14	13	13	13	12	12	12	12	8	
14		12	12	12	13	15	14	14	13	12	11	12	12	13	13	12	12	12	12	12	11	11	11	11	12	12	
15		12	14	15	16	16	16	16	15	16	16	16	17	17	18	19	20	21	22	21	19	18	18	15	13	17	
16		12	12	11	11	13	14	15	16	17	20	22	25	26	25	24	23	21	17	13	11	9	7	6	3	16	
17		1	2	2	2	2	1	0	0	0	0	1	0	0	1	-1	-3	-1	-3	-3	-4	-4	-4	-3	-3	-1	
18		-3	-3	-2	-2	-2	-2	-2	-1	-1	0	3	7	9	****	10	11	9	7	6	7	7	8	8	8	4	
19		8	7	6	5	5	5	5	4	2	5	9	13	16	19	18	17	16	15	16	16	16	17	17	17	11	
20		18	20	21	21	22	27	25	27	28	27	25	24	24	24	23	23	22	21	19	15	11	8	7	6	20	
21		5	4	3	2	2	2	1	1	2	3	5	6	7	7	6	5	4	4	2	1	1	1	1	0	3	
22		0	0	0	-1	-2	-2	-3	-2	0	0	2	4	6	7	7	8	5	3	2	2	2	5	8	9	3	
23		8	9	9	8	10	12	13	14	17	18	19	22	25	27	28	30	31	31	32	31	30	27	26	25	21	
24		23	22	21	19	18	17	16	16	16	16	18	18	17	17	17	18	17	17	17	16	17	16	13	10	17	
25		10	8	8	8	8	7	6	5	5	5	****	****	****	10	12	13	14	15	14	16	16	16	15	10		
26		13	9	6	4	4	1	-1	-1	0	0	2	5	5	6	6	8	10	9	10	11	11	9	0	-1	5	
27		-2	-1	-1	-2	-3	-3	-4	-5	-3	1	8	12	15	16	15	17	15	14	13	13	15	16	16	16	7	
28		17	18	19	21	21	23	24	25	27	29	30	32	32	32	33	36	37	36	36	35	34	34	33	32	29	
29		32	31	30	29	28	28	27	27	27	28	28	28	28	28	27	27	28	28	27	24	21	20	20	21	27	
30		22	22	23	24	25	27	29	31	30	32	31	31	32	34	34	35	36	37	36	35	34	34	35	35	31	
31		34	33	33	32	28	25	23	20	19	18	18	19	19	20	20	19	18	20	23	26	31	31	30	29	25	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE LOWER (9)		TEMPERATURE (DEG F)																		DATA FOR				FEBRUARY	198	
HOUR	ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01		29	30	29	28	29	28	26	24	22	21	20	20	21	22	23	24	25	25	26	27	25	22	22	21	25
02		21	21	20	18	16	15	15	15	16	19	22	25	28	30	30	30	31	31	31	31	32	32	33	33	25
03		33	33	33	32	32	32	33	33	34	35	36	36	35	35	35	36	36	35	35	35	34	32	32	32	34
04		31	29	28	28	28	28	28	26	25	24	22	20	20	19	19	18	19	20	20	21	20	18	17	17	23
05		15	16	15	16	15	15	14	14	15	17	18	19	22	23	23	23	23	23	23	24	24	24	26	27	20
06		27	27	26	25	23	22	21	21	21	21	20	20	19	21	21	20	19	18	16	17	18	14	15	13	20
07		12	12	10	9	7	6	4	4	7	11	14	18	21	23	25	27	29	29	29	30	30	29	28	28	18
08		28	28	27	27	27	27	26	26	25	24	****	****	****	26	27	27	27	26	25	24	22	22	23	24	26
09		24	24	24	23	22	21	22	22	23	23	25	26	27	27	27	26	25	25	26	27	27	26	25	24	25
10		22	20	19	18	17	17	17	17	17	17	15	14	15	15	14	13	13	13	14	15	15	14	13	13	16
11		12	9	6	7	6	7	6	6	7	10	12	16	18	19	20	19	20	18	17	17	20	24	23	23	14
12		23	22	22	23	23	23	22	22	22	23	23	23	23	23	23	22	22	21	21	21	21	21	20	20	22
13		20	20	20	20	19	19	19	20	20	21	22	22	22	21	21	21	22	22	22	21	24	24	23	22	21
14		21	20	19	19	21	21	21	19	20	21	22	24	25	26	28	28	27	25	23	23	23	24	24	25	23
15		26	27	28	29	30	31	32	35	38	42	46	50	50	50	47	45	44	41	40	40	40	39	40	39	39
16		38	36	36	35	34	34	34	34	35	35	36	36	36	36	35	34	33	30	29	28	27	25	25	24	33
17		23	22	21	21	20	19	19	20	22	22	23	24	25	25	25	25	24	24	24	23	23	23	23	24	23
18		24	25	25	25	24	24	23	23	25	29	32	34	37	38	40	40	39	35	32	32	32	33	32	30	31
19		30	30	30	29	29	30	30	30	31	31	32	33	33	34	34	34	33	33	33	34	34	34	33	33	32
20		33	33	33	33	33	33	33	33	33	33	34	34	35	34	34	34	34	34	33	33	34	33	33	33	33
21		32	32	32	31	31	32	32	32	32	32	34	36	36	36	37	35	35	34	34	34	34	34	33	32	33
22		32	32	32	31	31	30	29	29	29	29	****	30	31	31	30	30	31	30	33	32	32	32	31	32	31
23		32	32	32	31	30	31	31	32	32	34	36	37	36	35	35	35	35	34	34	34	34	30	26	22	33
24		20	18	17	14	12	11	11	10	11	11	13	14	15	16	16	17	17	18	17	17	17	17	17	17	15
25		17	15	14	12	11	10	10	11	11	11	11	12	13	15	17	18	18	18	19	19	19	19	18	18	15
26		18	19	20	20	19	18	17	18	18	19	20	21	22	23	25	25	25	25	25	25	26	26	26	26	22
27		27	27	28	28	27	26	26	26	27	27	27	29	30	31	31	31	30	29	28	29	29	30	30	29	28
28		28	27	24	22	22	21	20	19	20	18	19	20	21	21	21	20	20	18	17	16	15	14	12	9	19

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE LOWER (9)		TEMPERATURE (DEG F)														(TMPL)		DATA FOR				MARCH	198			
HOUR	ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01		8	9	9	10	10	11	12	14	18	22	29	31	33	35	37	38	39	38	37	35	35	32	31	30	25
02		30	29	29	28	28	28	26	26	25	25	25	25	26	26	25	25	24	23	23	23	23	23	22	21	25
03		19	18	15	14	12	10	9	8	8	8	8	9	10	11	11	****	12	12	12	9	7	5	5	4	10
04		4	3	3	2	2	2	4	6	11	14	17	19	20	20	21	21	22	24	26	29	31	33	34	35	17
05		38	40	39	36	35	33	29	28	27	25	26	26	28	29	30	32	32	30	30	30	30	29	28	28	31
06		27	27	27	28	27	25	21	22	25	28	30	32	33	35	35	35	35	34	34	30	30	30	30	30	30
07		30	31	31	31	31	31	30	31	31	32	31	29	28	28	29	29	29	29	29	29	29	28	27	26	30
08		25	24	24	24	23	22	20	20	18	17	****	****	****	19	19	19	19	19	19	19	20	19	17	16	20
09		14	14	14	14	15	15	15	17	18	20	23	25	****	30	28	28	28	26	24	23	22	21	20	20	21
10		22	25	23	22	21	20	19	20	23	25	28	28	32	33	35	36	36	****	****	****	****	****	****	****	26
11		****	****	****	****	****	40	40	42	42	44	46	49	54	54	51	50	****	****	****	****	****	****	****	****	47
12		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15		****	****	****	****	****	****	****	****	31	****	****	34	34	34	****	****	****	****	****	****	****	****	****	****	33
16		****	****	****	****	****	****	****	29	33	38	41	42	42	41	41	41	39	39	34	34	34	34	34	34	37
17		34	34	34	34	34	34	34	34	34	34	34	****	35	35	****	****	****	****	****	****	****	****	****	****	34
18		****	****	****	****	****	****	****	****	32	33	34	36	40	43	45	41	38	37	38	37	38	37	37	37	38
19		34	34	33	33	33	33	33	33	33	34	34	35	36	36	36	35	35	34	34	34	34	34	33	32	34
20		32	31	32	31	31	31	31	31	33	34	35	36	35	36	38	39	38	36	36	36	36	36	35	35	34
21		36	37	38	39	39	39	39	39	40	40	40	39	39	40	45	39	38	39	38	38	37	36	34	34	38
22		34	34	34	34	34	34	34	34	34	35	****	35	36	35	36	36	36	37	37	36	36	35	35	35	35
23		35	35	34	34	33	33	32	32	32	33	32	34	35	36	35	36	36	36	36	33	32	32	31	32	34
24		32	33	33	33	33	32	32	33	38	41	46	49	51	53	55	55	54	53	49	40	42	44	45	44	43
25		43	40	38	39	40	38	37	40	43	43	43	42	42	43	45	43	39	38	39	41	41	39	44	45	41
26		38	39	34	33	34	33	33	33	33	33	33	33	31	30	29	29	28	27	26	26	25	24	23	22	30
27		21	20	19	19	18	18	17	17	17	16	16	16	17	18	18	19	20	20	20	20	20	21	22	22	19
28		23	22	22	21	21	20	19	19	20	20	21	22	25	27	29	29	30	31	31	31	31	31	31	30	25
29		27	25	26	25	25	25	27	30	34	36	37	38	39	39	39	39	39	40	36	33	31	31	32	34	33
30		35	34	35	35	34	34	36	40	45	49	51	56	58	60	60	60	59	58	56	54	53	54	54	54	49
31		55	52	52	50	48	48	49	49	52	56	60	63	65	69	70	70	68	47	41	43	40	41	41	39	53

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE LOWER (9)				TEMPERATURE (DEG F)														(TMPL)				DATA FOR APRIL				1982
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG	
01	39	40	41	43	43	43	44	41	41	38	37	37	38	37	38	37	37	36	35	34	33	32	32	31	38	
02	32	31	31	30	29	28	28	28	27	27	27	28	28	29	29	30	31	33	30	29	30	30	32	34	30	
03	35	36	37	39	40	41	42	43	40	40	41	42	43	45	45	47	47	40	37	36	36	36	36	36	40	
04	35	34	32	31	29	28	27	26	26	26	26	25	25	25	24	24	22	22	21	20	19	19	20	19	25	
05	18	17	17	18	19	19	18	18	18	18	****	****	****	****	23	24	24	25	23	21	22	23	24	21	21	
06	24	24	23	22	21	21	20	18	18	18	19	19	19	18	18	****	****	****	****	****	****	****	****	****	20	
07	****	****	****	****	****	****	****	****	****	15	16	18	20	22	25	26	28	29	29	29	29	29	28	28	25	
08	27	27	26	26	25	25	25	25	25	25	27	28	30	31	33	34	34	34	33	33	33	33	33	32	29	
09	32	31	31	31	31	25	25	28	30	31	32	33	34	34	34	35	35	36	35	35	35	36	35	35	32	
10	35	34	34	34	33	33	34	35	35	36	36	38	38	39	38	37	37	38	36	35	34	33	34	33	35	
11	33	33	33	34	34	32	32	32	33	33	34	36	38	38	36	36	36	35	34	35	35	35	34	34	34	
12	34	35	35	35	34	34	34	34	34	34	34	35	36	37	38	37	38	40	38	36	37	38	39	40	36	
13	41	41	41	41	42	44	42	42	42	43	44	45	48	53	49	40	39	39	39	38	38	38	38	37	42	
14	37	36	36	36	35	35	35	36	36	36	36	37	37	38	38	39	39	39	38	37	34	33	33	33	36	
15	33	32	32	32	32	32	34	38	44	48	51	57	58	59	58	63	66	66	62	57	55	54	53	53	49	
16	53	52	51	50	49	48	49	53	59	62	66	69	72	73	76	79	78	75	72	69	67	67	66	65	63	
17	65	65	63	60	60	60	62	65	67	70	75	77	77	66	55	55	59	62	62	50	51	49	44	41	61	
18	40	40	41	40	39	38	36	36	36	36	36	36	37	37	38	40	40	41	41	40	39	38	38	38	38	
19	36	33	32	31	31	31	36	43	48	53	56	****	****	59	59	59	59	59	57	55	54	54	53	54	48	
20	54	55	56	57	57	53	52	51	50	54	60	64	67	71	72	72	71	70	57	50	51	50	44	44	58	
21	45	47	47	43	39	38	36	35	35	35	34	34	35	36	36	37	38	38	38	38	38	39	39	37	38	
22	36	36	36	35	34	34	34	33	33	34	34	34	36	37	38	38	39	39	39	38	38	38	38	38	36	
23	37	38	38	39	39	41	41	42	43	43	44	46	45	46	47	47	48	49	49	48	50	51	52	51	45	
24	47	47	45	44	43	44	47	48	49	51	50	52	53	54	56	57	57	52	54	58	60	59	59	57	52	
25	55	54	54	53	53	52	54	60	63	64	64	59	58	59	61	64	65	64	62	59	56	57	58	58	59	
26	56	57	56	57	57	56	59	62	65	68	69	70	71	71	69	67	63	55	44	47	50	53	54	54	60	
27	51	44	47	43	42	42	43	44	42	39	39	38	38	39	39	39	39	39	39	39	38	39	40	40	41	
28	38	38	37	36	37	36	37	39	39	41	40	41	41	40	40	41	40	40	40	38	39	40	39	41	39	
29	42	41	40	38	36	36	38	68	44	41	41	43	44	45	47	46	48	48	49	47	45	42	41	46	44	
30	45	44	41	41	41	41	43	43	44	44	43	45	47	49	51	50	51	49	48	47	47	45	44	45	45	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE LOWER (9)				TEMPERATURE (DEG F)																	DATA FOR				MAY	198
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG	
01	46	46	45	44	44	44	44	45	45	45	46	48	49	48	50	50	50	49	50	54	55	55	55	53	48	
02	51	48	46	45	44	44	45	45	45	48	49	48	47	49	50	49	49	49	47	48	50	51	50	48	48	
03	48	46	44	44	43	43	43	44	43	44	****	****	****	****	****	****	****	****	****	****	****	****	****	****	44	
04	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
05	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
06	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
07	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
08	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
09	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
11	43	40	38	37	36	38	43	47	46	45	45	46	50	49	50	52	53	53	53	53	52	52	53	53	47	
12	52	53	54	54	53	53	54	55	56	60	66	68	63	58	59	54	55	57	57	57	56	54	44	45	56	
13	47	43	44	45	45	44	44	44	45	46	48	49	51	51	51	53	56	57	59	58	51	45	45	44	49	
14	44	43	43	44	44	44	45	47	49	49	49	49	50	49	50	50	54	50	48	46	45	45	43	42	47	
15	42	41	42	42	41	42	45	45	46	47	50	51	52	51	54	54	55	53	52	51	49	47	45	44	48	
16	43	43	43	44	45	47	52	53	57	57	58	59	58	56	58	59	60	58	57	58	58	55	53	52	53	
17	53	52	49	47	49	50	50	49	****	51	50	52	54	55	54	54	58	54	53	55	55	56	53	49	52	
18	47	47	48	49	52	53	56	59	60	53	57	60	60	58	58	61	64	65	63	61	60	59	57	62	57	
19	62	62	64	64	63	64	65	68	67	60	61	59	58	62	66	70	73	70	70	68	61	59	60	62	64	
20	62	53	48	45	46	51	50	55	55	59	63	61	60	54	56	56	54	52	48	49	50	51	52	50	53	
21	49	47	48	49	48	48	48	49	50	52	51	51	51	52	52	53	53	53	53	51	51	51	51	51	51	
22	50	48	47	47	46	47	50	55	59	61	61	56	53	52	53	53	53	54	54	54	54	54	54	54	53	
23	53	53	52	51	51	50	49	49	50	50	51	52	53	53	54	54	54	53	52	51	50	50	50	50	51	
24	49	49	48	49	49	49	50	50	52	53	55	59	60	60	60	57	53	55	52	52	52	52	50	50	53	
25	49	46	47	47	47	48	44	44	45	45	46	46	46	47	47	45	45	44	47	49	48	46	43	43	46	
26	44	42	43	45	46	47	50	51	50	49	50	49	52	54	58	59	60	62	62	58	56	56	57	55	52	
27	59	61	60	60	60	62	62	64	68	73	74	73	67	67	67	70	72	76	75	72	70	69	69	69	67	
28	69	69	68	68	68	68	69	65	63	65	66	69	69	68	62	63	65	65	63	63	63	63	62	61	66	
29	61	59	59	58	58	59	59	61	65	65	63	66	67	63	63	62	62	61	57	56	57	59	59	59	61	
30	60	60	60	60	60	61	63	66	71	72	72	76	80	82	81	65	56	61	63	62	59	48	47	48	64	
31	47	49	48	49	50	52	53	54	55	57	57	57	57	58	61	58	60	61	64	65	65	64	64	64	57	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG11

HOUR ENDING DAY	NINE MILE LO-CUP (9)									WIND DIRECTION-CUP (DEG) (WDR)									DATA FOR JANUARY				AVG		
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22		23	24
01	130	135	135	135	135	140	190	180	170	175	240	230	245	250	275	270	265	265	270	275	285	285	285	295	135
02	290	295	310	310	320	340	345	345	10	50	340	350	350	355	15	30	60	60	110	125	110	110	105	100	110
03	115	100	105	105	110	110	135	130	140	125	125	120	125	130	125	140	125	120	125	115	130	95	95	100	125
04	115	105	95	110	105	115	120	130	115	120	130	135	140	130	135	135	265	230	225	245	245	245	235	240	115
05	230	235	220	250	255	275	280	280	280	280	285	280	295	290	295	290	300	295	310	315	115	120	125	155	280
06	150	130	135	130	130	135	140	150	145	140	155	165	180	180	130	170	185	185	220	270	275	320	335	320	180
07	315	305	310	315	315	315	315	320	315	325	305	305	300	295	290	280	280	280	305	300	305	305	310	320	305
08	315	315	320	320	330	335	335	330	335	115	105	155	180	225	205	195	170	155	155	170	190	300	245	250	155
09	275	275	260	255	260	280	280	260	295	305	340	340	320	315	320	310	305	310	290	295	305	305	305	300	305
10	305	305	305	290	290	295	295	310	305	295	300	285	275	230	205	225	225	195	220	205	215	195	200	200	305
11	195	205	190	195	180	200	190	205	200	270	275	280	285	295	****	300	305	305	315	310	325	310	325	340	190
12	330	330	105	130	120	120	120	125	105	120	125	120	60	245	175	125	120	130	150	165	160	160	145	145	120
13	155	155	135	130	140	125	115	115	115	110	115	110	110	100	105	115	110	110	120	115	120	110	125	65	110
14	80	85	110	115	20	25	25	10	10	25	10	330	345	355	10	20	5	355	0	5	35	20	10	0	10
15	355	330	310	300	300	300	310	310	310	310	295	290	295	285	285	285	285	290	290	185	215	210	200	190	310
16	185	170	140	130	125	130	130	140	130	135	155	170	180	240	255	260	250	235	235	235	240	240	235	215	130
17	225	235	225	235	315	330	320	315	315	315	305	305	300	275	215	210	205	205	205	210	200	195	190	205	205
18	195	200	195	195	195	195	175	180	175	180	175	190	195	****	195	170	175	180	180	185	185	180	180	165	180
19	130	155	120	145	145	120	125	85	110	140	135	135	125	115	105	110	100	105	95	110	130	135	150	155	110
20	150	175	175	180	180	295	290	285	305	310	310	305	305	300	310	295	310	325	20	30	30	50	25	40	310
21	55	50	50	40	45	30	40	35	45	35	50	40	45	30	30	50	35	45	35	45	40	40	45	30	40
22	40	40	40	40	35	55	45	60	70	75	75	70	70	0	15	85	120	80	85	85	85	95	105	110	40
23	115	100	115	110	95	120	125	130	125	130	125	135	130	130	130	135	140	140	260	255	250	250	240	130	130
24	245	235	240	240	235	240	240	235	230	235	240	240	230	230	235	245	245	245	290	280	285	305	310	305	240
25	300	310	305	305	305	305	305	315	310	310	325	****	****	****	300	295	280	270	280	290	295	295	310	315	305
26	335	335	5	10	10	140	120	115	105	145	150	150	295	295	295	295	330	335	330	310	315	320	135	150	295
27	155	140	155	150	140	145	145	135	145	150	130	135	135	165	175	135	120	110	115	125	125	135	130	140	135
28	140	135	135	155	145	145	160	165	160	170	170	165	180	175	180	230	235	230	240	250	275	265	265	265	265
29	270	265	275	270	265	250	255	280	265	275	280	280	290	280	290	280	260	250	240	150	145	135	145	140	280
30	130	135	120	110	110	125	140	165	125	165	170	175	165	165	170	170	170	220	240	230	270	280	280	295	165
31	305	300	310	320	25	50	30	45	35	30	50	25	40	45	45	35	40	45	80	80	65	30	35	45	45

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE LO-CUP (9)									WIND DIRECTION-CUP (DEG)								(WDRC)		DATA FOR FEBRUARY				198		
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	340	30	345	350	260	260	240	240	245	280	280	280	275	275	290	280	280	285	280	255	250	190	205	180	280
02	185	170	180	180	155	135	130	105	100	105	110	100	105	140	125	115	130	145	135	125	140	145	145	125	105
03	130	110	115	125	125	120	125	110	125	120	90	80	75	80	20	80	90	55	45	0	355	5	35	315	80
04	310	305	305	310	300	295	305	300	300	300	315	310	315	260	280	300	280	280	275	280	200	195	185	185	280
05	180	180	175	175	170	165	165	165	165	145	120	125	85	130	135	100	85	85	95	100	110	125	155	160	165
06	220	245	300	290	290	290	295	300	300	295	300	305	280	250	250	245	245	240	220	235	250	210	230	210	300
07	205	210	205	220	205	210	185	180	185	195	220	220	230	240	220	220	230	230	220	260	255	265	255	260	220
08	255	255	250	245	250	250	250	245	245	280	****	****	****	235	245	240	240	240	200	190	190	175	175	175	245
09	170	170	185	165	75	75	145	115	110	100	80	45	55	355	335	345	345	320	295	280	275	285	300	270	170
10	295	270	280	300	310	315	310	310	290	300	240	230	235	245	240	235	235	235	245	255	255	240	255	250	235
11	240	235	205	195	200	195	205	190	190	190	190	215	195	190	220	200	185	170	155	150	195	255	255	255	190
12	255	240	240	255	280	300	300	295	315	315	305	310	305	315	305	225	255	145	130	130	170	165	150	155	255
13	160	150	145	130	125	125	80	50	35	30	15	0	355	345	300	300	270	280	255	190	255	245	240	235	255
14	240	205	200	220	220	315	20	140	130	135	65	45	355	25	45	70	75	125	115	125	140	110	115	130	45
15	130	135	130	140	145	135	145	160	170	175	185	190	200	210	235	235	235	240	240	245	235	240	235	240	235
16	245	260	260	245	245	250	305	320	335	350	5	0	10	0	35	10	25	35	25	30	45	55	40	55	0
17	55	45	45	35	45	35	55	75	55	40	35	40	30	45	35	30	25	25	35	45	55	65	75	80	35
18	80	90	90	90	90	105	110	100	115	115	135	115	120	125	130	120	130	115	120	115	130	140	145	145	115
19	140	125	125	135	125	140	135	135	145	150	155	170	170	170	185	215	260	260	265	265	280	280	285	290	135
20	290	285	280	280	280	280	280	265	275	265	245	245	250	260	295	50	70	85	90	110	110	85	85	90	280
21	80	80	85	80	75	75	60	65	50	40	55	35	30	0	15	10	10	15	55	35	30	30	35	0	30
22	355	355	5	10	350	5	355	0	5	355	****	****	10	350	315	270	265	250	280	275	280	280	275	270	355
23	260	265	235	200	195	180	175	165	155	170	175	240	265	260	260	265	275	265	265	270	350	350	10	30	265
24	30	15	25	30	40	50	35	45	30	40	40	25	30	20	30	20	30	45	25	25	20	10	5	0	30
25	350	10	0	355	15	350	350	340	335	340	335	315	295	290	285	290	285	290	295	290	300	300	315	320	290
26	305	305	305	315	315	320	315	310	330	315	300	290	280	250	245	245	250	250	245	250	250	245	250	235	250
27	250	255	250	295	295	290	300	290	290	275	240	235	250	255	250	260	275	275	270	285	290	300	305	325	250
28	335	345	35	50	25	25	45	40	40	10	30	25	35	10	5	20	15	20	25	40	45	70	70	85	25

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG 1

NINE MILE LO-CUP (9)		WIND DIRECTION-CUP (DEG)																(WDRC)				DATA FOR MARCH				198
HOUR	ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
DAY																										
01	95	120	115	115	115	115	125	130	125	145	150	135	160	150	155	170	170	180	235	240	235	265	280	285	115	
02	285	285	270	275	285	290	285	295	300	295	300	295	285	285	285	280	280	290	300	315	315	335	345	285	285	
03	345	355	350	355	355	350	350	0	345	350	0	345	340	340	320	****	275	300	285	140	140	155	125	120	350	
04	145	120	130	125	100	115	125	110	115	110	115	110	120	120	110	125	115	120	110	120	115	110	125	155	110	
05	170	165	245	240	245	250	260	265	275	270	270	265	260	270	260	240	255	260	250	270	255	225	220	240	260	
06	205	225	330	330	340	30	155	155	150	130	120	150	135	120	115	90	90	90	100	130	120	115	115	85	90	
07	120	110	110	125	140	215	175	205	225	240	335	305	295	290	295	290	290	290	290	295	295	295	290	290	290	
08	285	280	285	285	270	275	300	295	295	290	****	****	****	275	265	280	270	265	275	275	240	160	160	145	275	
09	155	135	115	100	110	115	95	120	130	125	120	125	****	175	240	245	245	275	305	330	50	75	100	110	100	
10	140	230	185	195	180	155	160	150	145	140	145	130	145	135	135	130	135	****	****	****	****	****	****	****	135	
11	****	****	****	****	****	165	160	150	160	145	145	170	165	180	185	175	****	****	****	****	****	****	****	****	145	
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	30	****	****	20	345	350	****	****	****	****	****	****	****	****	****	****	20
16	****	****	****	****	****	****	****	90	110	100	95	90	95	80	90	125	125	110	100	110	110	105	105	105	110	
17	115	115	115	105	100	100	105	95	65	60	70	****	55	30	****	****	****	****	****	****	****	****	****	****	115	
18	****	****	****	****	****	****	****	****	130	145	140	175	145	135	145	220	250	150	190	185	200	220	245	285	145	
19	285	290	295	295	300	315	330	330	335	340	325	320	335	275	250	255	270	245	240	255	245	245	255	220	245	
20	185	180	175	165	175	190	185	105	290	45	25	345	350	350	35	20	50	60	75	65	65	80	75	85	65	
21	90	105	115	110	120	100	100	95	95	95	90	115	130	155	250	260	250	245	245	240	245	255	265	265	95	
22	275	275	265	275	270	270	270	270	255	250	****	260	265	265	270	260	265	270	265	260	255	265	275	265	265	
23	265	275	285	290	290	305	310	310	230	290	280	250	255	250	275	270	250	215	165	150	160	150	130	130	250	
24	140	145	140	125	130	125	125	130	135	135	130	135	140	160	175	170	175	170	245	285	165	155	150	150	125	
25	155	245	170	185	185	160	150	160	250	290	345	15	20	50	80	50	10	50	65	75	75	25	170	185	50	
26	120	75	250	245	260	260	260	255	260	260	260	260	270	275	275	265	270	270	275	280	280	300	305	300	260	
27	305	305	305	300	300	295	295	300	300	300	290	285	290	285	275	275	275	285	285	290	290	290	295	305	290	
28	305	315	315	315	320	320	330	315	305	305	290	285	280	265	265	270	260	265	265	255	250	245	250	240	265	
29	200	185	205	175	180	185	180	185	200	235	240	240	245	265	270	295	40	90	90	95	105	95	105	185		
30	115	115	125	120	105	105	140	130	145	160	145	145	155	130	135	130	130	115	120	135	125	135	150	155	130	
31	155	135	145	150	110	145	155	155	150	165	180	165	180	165	165	180	185	270	220	260	255	240	250	250	165	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

-JG1

NINE MILE LO-CUP (9)									WIND DIRECTION-CUP (DEG)										(WDR)		DATA FOR APRIL				198
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	250	240	205	225	235	235	235	240	250	285	270	260	260	265	265	260	265	285	285	290	295	290	285	285	285
02	290	300	305	310	325	315	320	335	350	0	335	340	0	315	310	330	15	80	80	95	80	85	105	115	80
03	105	110	115	120	130	135	120	125	120	120	135	130	140	140	120	125	115	120	255	265	265	250	250	245	120
04	240	240	235	240	230	255	250	255	255	255	250	255	250	260	265	275	280	280	290	295	310	300	295	300	255
05	305	305	305	305	305	310	310	305	305	295	****	****	****	****	290	280	300	305	350	155	105	75	75	55	305
06	60	60	55	75	65	60	40	40	40	35	40	25	0	350	350	****	****	****	****	****	****	****	****	40	
07	****	****	****	****	****	****	****	****	****	325	320	305	295	295	290	285	285	290	295	300	300	300	300	300	300
08	310	315	315	315	310	310	310	315	320	310	300	290	275	260	260	260	255	255	260	260	275	275	285	275	260
09	270	265	275	280	280	175	185	200	235	245	245	255	255	255	260	245	240	240	245	260	260	275	285	280	245
10	275	260	255	245	245	245	250	255	255	255	250	250	250	255	270	280	275	265	260	250	235	200	235	215	250
11	195	160	110	145	170	155	140	150	150	****	****	170	***	240	220	****	****	****	****	****	****	****	****	****	150
12	****	****	280	280	275	275	270	260	260	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	260
13	****	****	****	****	****	****	****	****	****	135	135	135	125	150	170	****	****	250	255	****	****	****	****	****	135
14	****	****	260	260	270	265	265	275	270	270	270	260	260	250	245	245	240	240	235	210	130	135	150	155	260
15	155	140	145	140	155	140	125	135	135	125	125	170	145	140	255	135	130	120	115	95	115	120	130	135	135
16	140	135	125	115	110	120	120	125	160	160	155	160	155	165	155	180	175	155	160	170	170	170	170	160	160
17	165	160	160	150	155	160	165	160	150	160	180	185	190	260	235	230	175	155	155	235	235	245	250	250	160
18	250	255	235	245	255	265	275	270	265	250	215	****	230	255	255	260	260	255	255	260	255	255	255	255	255
19	155	105	90	95	75	95	145	145	140	170	180	****	****	335	25	50	45	65	80	90	95	90	100	90	
20	140	140	170	165	160	175	140	150	105	115	115	145	170	165	175	150	160	160	180	180	250	215	240	210	140
21	205	205	205	210	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	205
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	240	235	240	240	245	250	255	255	240
23	235	235	230	235	225	235	235	240	235	235	235	235	240	230	230	235	230	225	230	230	230	230	230	230	230
24	235	235	235	235	240	235	235	240	235	240	240	240	245	245	245	245	240	240	235	225	215	220	220	210	235
25	190	185	180	170	170	175	175	195	235	235	235	250	260	270	310	355	35	55	80	100	95	105	105	125	235
26	140	130	105	130	115	120	135	160	165	165	170	180	165	160	155	160	140	155	235	90	105	105	130	155	105
27	225	****	****	****	****	****	90	225	220	210	220	210	200	****	****	****	****	****	****	****	265	265	340	350	210
28	10	20	10	5	340	340	5	5	350	340	305	285	****	****	****	****	****	****	****	****	****	****	****	220	5
29	245	255	250	230	225	225	230	0	250	245	245	250	260	250	245	240	240	245	240	225	170	145	140	200	245
30	230	220	220	225	225	240	240	240	240	240	240	245	240	240	240	240	240	240	240	240	245	260	255	250	240

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE LO-CUP (9)				WIND DIRECTION-CUP (DEG) (WDRC)																	DATA FOR MAY				1982
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	245	235	235	235	230	235	235	240	240	240	240	235	245	240	240	240	240	235	235	235	235	230	235	230	235
02	235	235	230	240	240	240	240	245	240	235	240	245	265	240	240	250	260	245	250	235	225	225	230	225	240
03	235	235	215	225	225	220	235	235	240	240	****	****	****	****	****	****	****	****	****	****	****	****	****	****	235
04	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
05	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
06	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
07	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
08	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
09	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	350	350	350	350	350	350	350	315	315	315	315	320	320	305	290	295	290	285	320	75	120	120	140	185	350
12	190	175	175	165	125	140	145	130	150	150	175	155	175	190	245	55	60	110	120	210	205	235	320	140	175
13	185	305	285	200	295	290	290	285	290	275	275	280	320	330	330	330	335	10	25	30	280	270	235	175	290
14	250	145	120	120	95	85	80	25	70	335	340	335	330	330	330	335	335	310	275	285	280	275	170	195	335
15	175	165	130	120	205	120	320	335	325	290	325	330	330	330	330	330	280	275	280	280	265	120	190	135	330
16	150	145	145	240	220	185	270	310	275	280	275	280	295	310	270	275	275	275	270	195	185	25	290	250	275
17	290	295	285	285	275	280	280	295	****	280	285	280	340	335	345	330	350	215	10	5	25	40	15	55	280
18	35	45	30	60	135	150	130	160	175	330	5	15	20	335	330	25	35	50	80	80	90	70	115	145	35
19	170	165	180	165	170	170	170	200	275	270	275	275	205	165	135	175	****	****	****	****	****	****	****	****	165
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	70	315	305	330	305	330	270	270	275	275	275	275	275	280	280	280	280	275	275	130	80	335	315	280	275
26	340	340	80	75	135	135	175	320	330	340	330	330	330	325	340	345	30	50	60	95	115	85	80	125	330
27	120	160	155	160	155	165	170	160	175	165	190	225	335	40	40	50	50	135	130	125	75	145	135	140	160
28	160	145	130	130	140	145	160	145	135	135	145	145	165	155	145	140	130	150	165	170	170	165	155	150	145
29	140	135	145	150	165	160	150	155	190	315	35	45	20	345	0	15	95	335	330	60	135	130	110	110	110
30	160	135	150	145	145	145	140	140	165	165	140	140	165	145	125	320	290	40	25	60	285	300	290	280	140
31	275	275	275	280	275	270	265	245	245	250	270	270	270	265	270	325	310	60	115	130	315	160	145	150	270

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

-JG 1

NINE MILE UPPER (9)				WIND DIRECTION (DEG)												(WDRU)		DATA FOR				JANUARY	199		
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
ENDING DAY																									
01	135	130	135	135	140	145	185	175	170	170	215	230	240	240	270	265	260	260	260	270	275	280	285	290	135
02	295	295	300	305	330	340	345	10	10	35	5	345	340	10	355	25	50	50	70	105	95	115	125	110	10
03	120	105	110	120	110	120	125	135	140	135	140	135	135	130	135	135	130	125	120	130	120	105	110	110	135
04	110	110	100	110	120	125	130	130	130	135	135	135	130	140	140	155	265	235	245	245	240	240	220	225	130
05	230	225	215	245	255	270	280	280	280	280	285	280	290	285	290	290	290	290	305	310	110	110	120	160	280
06	160	145	145	140	135	140	155	155	155	160	160	175	185	185	130	175	185	205	230	270	275	245	335	315	155
07	315	300	310	315	310	310	320	315	320	320	310	315	295	300	285	280	280	280	300	300	305	305	315	315	315
08	315	310	315	320	345	335	340	325	335	110	120	160	175	235	210	200	160	160	160	300	300	305	305	315	315
09	275	270	255	250	255	285	280	270	295	305	335	335	315	315	310	300	305	305	285	285	295	305	310	305	305
10	305	300	305	290	285	295	290	300	300	290	300	270	270	225	215	215	230	205	210	205	210	205	210	210	210
11	205	200	190	190	190	190	205	210	210	265	280	280	280	290	****	295	300	305	310	315	315	310	310	340	190
12	310	315	120	125	120	125	130	135	130	150	125	75	240	185	135	140	140	160	165	170	165	165	165	155	125
13	155	155	155	150	140	140	125	120	120	115	120	120	115	120	120	115	110	120	120	120	125	125	125	125	120
14	75	80	100	90	20	20	25	20	30	25	25	345	350	10	15	15	10	10	10	15	20	15	10	5	10
15	355	340	310	300	300	300	310	310	310	310	295	285	295	285	285	285	285	290	290	195	220	220	215	195	285
16	190	190	150	135	135	140	140	140	140	150	155	170	190	235	255	255	250	240	235	235	235	235	235	215	235
17	225	235	230	235	300	325	315	315	315	315	305	305	295	235	215	210	205	210	210	210	210	205	205	200	210
18	205	210	200	200	205	200	185	185	185	180	175	190	190	****	175	190	180	185	195	195	200	195	190	180	185
19	170	170	155	160	160	145	140	120	130	140	135	135	140	115	105	110	110	115	120	125	135	140	150	160	140
20	170	175	185	200	205	295	295	280	305	310	305	305	305	300	305	295	310	320	25	25	40	40	40	35	305
21	45	50	45	35	40	35	30	30	40	35	30	35	25	20	30	35	30	25	35	30	35	35	35	35	35
22	35	35	30	35	45	50	45	50	50	85	65	75	80	20	30	70	85	65	70	80	95	100	115	115	35
23	110	115	120	120	115	125	135	130	135	135	135	135	135	140	140	140	145	150	255	245	245	245	245	240	135
24	245	245	240	240	240	240	235	235	235	230	240	235	225	235	235	240	240	240	285	285	285	305	300	300	240
25	290	295	305	300	290	300	305	305	310	320	325	****	****	****	200	295	275	275	280	285	285	290	305	315	305
26	320	335	10	10	350	125	120	100	100	145	140	290	290	290	290	290	295	330	330	305	305	320	110	130	290
27	135	140	165	175	165	175	175	170	170	165	150	140	150	150	150	140	120	115	125	135	130	135	140	140	140
28	140	135	145	160	160	155	160	160	170	170	175	175	175	180	190	220	235	230	235	250	270	265	260	265	160
29	265	265	270	265	265	255	255	270	265	270	280	280	285	280	285	285	255	245	235	195	190	155	145	140	265
30	135	130	125	120	125	130	140	150	160	170	165	165	165	170	170	170	185	195	255	240	265	275	280	290	170
31	300	295	305	315	20	20	25	25	30	40	35	30	40	35	35	40	40	35	40	60	85	75	50	50	40

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE UPPER (9)		WIND DIRECTION (DEG)																(WDRU)				DATA FOR				FEBRUARY	198
HOUR	ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG	
DAY																											
01		20	35	80	355	260	265	245	245	250	280	275	275	280	275	290	285	280	285	285	255	245	200	215	205	245	
02		210	200	190	185	175	150	135	115	115	115	115	115	125	140	130	130	135	140	140	145	145	140	145	135	115	
03		135	135	135	130	130	130	130	120	125	120	110	100	70	65	105	110	110	125	120	30	10	10	5	305	110	
04		310	300	305	305	295	295	295	295	295	300	305	300	305	270	275	265	275	280	260	265	180	185	190	185	295	
05		190	190	185	195	185	175	165	185	180	160	125	135	100	130	110	100	100	100	105	120	125	140	150	170	100	
06		225	245	290	275	285	285	290	295	290	290	295	290	280	245	245	240	240	240	225	230	240	215	230	215	290	
07		215	210	210	205	205	205	195	185	190	200	220	220	225	225	225	225	235	225	215	255	250	255	255	255	225	
08		250	245	240	245	250	250	250	245	240	285	****	****	****	235	240	240	240	240	225	210	225	205	205	215	240	
09		215	195	210	175	180	155	145	130	125	125	110	50	50	15	345	350	345	320	290	265	275	280	295	280	50	
10		285	265	285	295	305	310	305	310	300	295	230	235	235	240	240	235	235	240	245	250	245	235	235	245	235	
11		240	205	205	205	205	210	195	195	190	195	185	205	200	200	205	200	175	175	170	170	210	250	250	250	205	
12		255	240	250	245	280	295	295	295	310	305	300	310	300	320	300	225	165	160	155	150	180	165	165	150	165	
13		155	150	160	130	120	125	160	25	25	25	20	10	0	340	285	290	265	275	260	195	245	245	240	235	25	
14		235	215	210	210	215	25	25	105	115	135	70	40	45	25	45	50	100	140	135	130	135	130	130	130	130	
15		135	135	135	135	145	145	145	160	165	175	175	190	205	210	235	230	235	255	260	255	240	240	240	245	135	
16		255	265	270	260	265	295	310	320	345	10	10	10	15	15	15	15	15	20	20	25	30	40	45	40	15	
17		45	45	40	30	35	40	50	60	50	35	40	35	35	30	30	30	25	30	35	45	50	50	70	90	30	
18		100	105	100	95	105	110	115	115	110	115	120	120	120	110	120	125	130	130	130	130	130	135	145	135	130	
19		130	135	150	140	140	145	145	145	145	155	155	165	170	175	190	225	260	260	265	270	275	280	280	285	145	
20		285	285	280	275	280	280	280	270	270	265	250	235	240	255	275	275	80	85	110	110	115	100	100	105	275	
21		100	100	90	100	75	70	70	65	40	40	35	20	20	15	10	10	10	10	25	20	15	15	15	0	10	
22		355	0	0	5	0	0	0	0	0	5	****	5	5	0	335	285	280	265	275	270	280	275	275	270	0	
23		265	265	230	220	210	195	185	175	165	175	180	235	260	265	260	265	275	270	265	270	350	350	5	15	265	
24		15	10	10	35	35	30	30	30	15	30	40	35	25	10	20	20	20	20	20	20	20	15	5	5	20	
25		355	10	5	5	5	10	340	325	330	340	335	330	300	290	275	290	280	285	285	285	295	300	315	315	285	
26		310	295	305	310	310	315	320	310	325	310	290	275	290	255	240	245	250	245	245	250	245	250	245	240	245	
27		245	250	245	290	290	290	295	280	275	275	235	240	245	255	250	255	265	275	270	280	285	290	300	325	245	
28		335	355	35	45	20	20	35	40	35	25	25	25	20	25	20	15	20	15	15	25	40	50	75	80	25	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)		WIND DIRECTION (DEG)																(WDRU)				DATA FOR MARCH				1982	
OUR	DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG	
01		130	135	130	120	120	125	130	135	135	140	150	155	165	165	150	170	165	180	235	240	230	265	275	285	130	
02		280	280	270	275	280	280	290	290	305	290	290	290	280	285	280	280	285	280	285	295	305	315	335	345	280	
03		350	355	350	355	10	0	10	0	5	355	15	350	355	355	335	****	270	305	305	150	95	130	135	150	355	
04		150	130	130	130	130	130	125	115	120	120	110	120	130	120	130	125	130	125	140	145	135	150	150	130		
05		170	165	240	240	240	245	260	260	275	270	265	260	260	265	260	240	250	260	265	270	255	220	225	240	260	
06		215	225	330	335	335	25	165	165	155	135	130	150	130	125	130	110	100	85	110	130	120	125	130	115	130	
07		120	125	130	125	150	185	185	215	225	235	325	300	295	290	290	285	285	285	285	290	290	290	285	285	285	
08		280	280	280	280	265	280	295	295	290	280	****	****	****	****	270	275	270	270	265	260	265	270	175	170	145	280
09		155	140	125	115	120	120	110	120	125	135	135	135	****	170	235	240	240	275	300	330	35	65	110	115	135	
10		240	240	205	200	195	170	165	160	140	140	140	145	135	145	145	130	135	****	****	****	****	****	****	****	135	
11		****	****	****	****	****	165	165	165	160	155	150	165	170	170	185	185	****	****	****	****	****	****	****	****	165	
12		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15		****	****	****	****	****	****	****	****	35	****	****	20	5	0	****	****	****	****	****	****	****	****	****	****	0	
16		****	****	****	****	****	****	****	100	105	120	105	105	100	100	115	125	130	115	115	115	110	110	110	115	115	
17		115	120	120	120	110	110	110	70	70	65	70	****	25	25	****	****	****	****	****	****	****	****	****	****	70	
18		****	****	****	****	****	****	****	****	140	160	130	160	130	145	155	265	215	185	195	210	220	225	235	280	130	
19		280	290	295	295	305	320	330	335	340	345	340	330	335	280	255	265	275	270	245	260	250	255	275	265	255	
20		250	240	225	235	225	235	245	0	15	20	25	35	15	5	20	15	20	20	20	20	50	60	70	65	20	
21		65	130	130	130	125	110	110	110	105	110	105	120	135	155	215	255	245	245	240	240	245	250	260	265	110	
22		270	270	265	270	270	270	270	265	255	250	****	265	265	265	270	260	265	265	265	260	255	265	270	265	265	
23		265	270	285	285	290	300	310	310	255	280	275	250	250	245	270	265	240	235	180	170	185	150	145	140	250	
24		150	145	140	135	135	135	135	135	145	145	135	140	150	155	170	150	165	160	165	280	230	175	170	160	135	
25		170	255	240	220	235	225	240	210	260	285	315	20	65	75	115	65	15	40	35	55	65	150	155	290	65	
26		200	210	245	245	255	260	255	255	255	260	260	255	270	270	270	265	270	265	270	275	280	300	300	300	270	
27		305	305	305	295	300	295	290	290	300	295	290	285	285	280	270	275	270	275	280	290	285	290	290	300	290	
28		305	310	315	315	320	315	325	310	305	300	285	285	265	260	260	265	265	265	260	250	245	245	245	240	265	
29		215	210	215	205	200	200	200	200	225	235	240	240	245	275	275	285	320	5	65	60	80	90	110	135	200	
30		130	130	135	135	140	140	145	145	145	150	160	150	145	135	125	135	130	125	125	130	135	145	145	155	145	
31		155	140	145	195	165	145	165	160	170	160	175	170	170	170	175	175	170	275	250	185	255	240	245	250	170	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE UPPER (9)				WIND DIRECTION (DEG)										(WDRU)				DATA FOR APRIL				198			
HR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
DAY																									
01	250	245	205	230	230	235	230	240	250	270	265	260	260	265	265	265	265	285	285	290	290	290	285	285	265
02	295	295	310	310	320	310	315	340	355	355	345	345	355	315	315	320	15	65	75	85	85	100	110	115	310
03	115	115	110	125	125	130	130	140	135	125	135	140	145	145	135	130	130	130	255	260	260	240	250	240	130
04	235	235	235	240	235	255	245	250	245	250	250	250	260	260	265	265	275	280	285	295	305	300	290	295	250
05	305	310	305	305	300	305	300	305	305	290	****	****	****	****	270	280	290	285	35	160	125	85	65	55	305
06	50	50	50	65	60	50	40	35	35	25	25	15	5	350	345	****	****	****	****	****	****	****	****	****	50
07	****	****	****	****	****	****	****	****	****	320	315	305	290	295	290	285	280	290	295	300	300	300	300	305	300
08	310	315	315	315	310	315	310	315	315	305	300	295	275	265	265	265	260	260	265	265	270	275	285	280	315
09	275	270	275	275	280	225	210	215	240	245	255	255	260	260	260	245	245	250	250	260	270	280	285	285	245
10	280	270	255	245	245	255	260	260	260	260	255	255	255	260	270	280	270	270	270	265	260	240	245	225	255
11	210	185	145	145	155	160	150	150	160	160	165	190	245	245	235	240	240	235	245	240	245	250	250	250	245
12	270	295	290	285	280	280	275	265	265	260	250	255	250	250	260	270	290	235	85	105	105	120	125	130	250
13	135	135	130	130	140	140	140	145	140	145	145	150	155	175	240	255	250	260	260	255	255	255	250	255	255
14	260	265	265	265	275	275	270	275	275	270	275	265	260	255	245	245	245	250	255	235	225	190	180	195	265
15	210	165	160	155	155	150	140	135	140	130	135	130	155	155	180	155	145	140	125	120	130	135	145	145	155
16	155	155	150	140	130	130	130	140	155	160	150	165	160	170	165	160	165	170	170	165	165	160	165	165	165
17	170	170	175	165	165	165	165	165	160	165	175	185	185	270	265	230	205	165	175	265	230	240	255	255	165
18	255	255	245	255	255	270	275	275	275	265	265	260	260	260	260	265	265	260	260	265	260	260	260	265	260
19	220	205	205	225	190	205	180	170	170	175	175	****	****	310	10	30	55	55	65	70	75	70	95	150	205
20	160	160	170	175	175	180	155	165	150	145	150	170	175	170	175	175	180	170	170	335	290	230	270	260	170
21	220	235	215	250	255	265	270	265	270	270	275	275	275	270	270	265	265	260	255	260	240	220	235	245	270
22	280	270	270	280	285	290	290	290	280	275	275	270	275	275	265	255	250	250	250	255	260	270	270	245	270
23	245	245	240	240	230	240	235	245	245	245	245	250	255	255	250	250	250	240	245	240	235	240	235	240	240
24	240	245	250	250	250	245	245	245	245	250	255	265	270	265	255	255	250	260	250	235	225	230	225	220	245
25	210	195	200	195	195	195	195	200	235	235	240	270	275	290	310	325	15	65	60	5	95	95	100	115	195
26	150	145	140	155	140	135	150	165	175	175	180	175	165	170	170	165	160	160	285	330	30	120	125	170	165
27	190	245	245	205	185	195	225	240	240	245	250	250	250	255	245	250	250	250	245	250	270	0	10	10	250
28	10	10	10	5	5	5	10	10	10	0	355	355	335	320	325	295	285	285	290	290	290	295	290	245	10
29	255	255	260	255	255	260	260	5	245	250	250	265	275	265	260	250	260	260	250	255	265	250	250	240	250
30	245	245	240	240	245	245	250	250	255	255	260	265	265	260	245	260	255	260	260	260	260	280	285	290	260

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

-JG11

NINE MILE UPPER (9)				WIND DIRECTION (DEG)												(WDRU)		DATA FOR MAY				1982			
HR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	265	255	245	240	235	240	245	250	250	250	245	250	255	255	250	250	250	245	245	245	240	235	235	235	250
02	240	245	245	245	250	250	250	250	250	245	250	255	280	250	245	260	265	270	270	265	235	245	235	245	245
03	250	240	220	235	230	235	240	240	235	240	****	****	****	****	****	****	****	****	****	****	****	****	****	****	240
04	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
05	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
06	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
07	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
08	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
09	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	280	270	270	270	260	265	275	265	270	245	250	250	270
11	250	270	270	285	235	225	245	70	315	310	295	0	5	325	300	300	295	320	325	60	75	70	95	100	70
12	145	150	150	150	120	125	135	130	120	135	135	130	245	175	185	70	105	110	120	175	180	175	285	55	135
13	10	245	250	280	260	270	250	255	280	310	290	295	340	345	345	350	15	20	35	55	65	285	290	325	250
14	305	45	60	75	35	40	45	40	40	15	5	350	345	345	355	325	330	320	335	265	255	255	275	245	280
15	20	20	35	30	5	10	45	350	345	340	345	340	325	330	330	320	335	265	255	255	275	245	280	90	20
16	105	95	120	240	220	235	230	210	235	240	240	235	235	260	260	275	270	260	215	250	225	260	250	230	235
17	235	220	240	250	270	250	285	355	****	325	310	310	5	10	5	355	15	10	15	20	30	45	40	40	5
18	50	95	95	125	130	130	125	135	135	75	30	30	10	335	340	10	20	35	30	60	70	85	110	130	30
19	145	145	160	155	155	145	140	165	170	235	260	275	205	190	195	180	195	170	160	155	275	220	205	215	145
20	185	205	200	200	245	205	305	205	160	235	240	255	265	280	250	250	255	265	305	250	295	300	295	315	205
21	5	10	10	15	15	25	20	15	20	15	5	5	5	0	355	0	5	5	15	30	40	45	65	60	5
22	60	60	65	80	80	85	85	105	110	100	120	120	105	105	85	85	80	85	100	100	105	115	120	125	85
23	120	115	105	105	110	115	100	110	115	115	115	115	115	115	120	125	115	125	130	125	110	115	120	120	115
24	110	120	115	130	130	130	130	140	140	140	140	150	155	160	135	150	135	65	60	50	60	55	20	30	130
25	30	15	5	35	335	20	290	310	285	270	280	280	260	270	265	255	260	245	250	210	215	270	135	185	270
26	170	10	35	85	115	180	190	190	270	320	25	5	320	325	350	10	30	55	70	55	65	100	105	155	10
27	150	140	140	140	140	140	145	140	140	145	155	160	130	115	70	85	110	120	115	115	110	130	130	130	140
28	135	130	120	120	125	130	130	125	115	110	120	130	140	130	130	130	120	125	135	135	135	145	130	130	130
29	125	120	120	125	135	135	135	135	140	10	65	80	30	355	20	35	30	10	10	30	85	80	95	120	10
30	140	135	135	135	130	130	120	115	130	125	110	115	115	120	120	120	335	15	105	85	115	130	260	240	115
31	245	205	210	205	200	185	215	220	230	235	240	245	255	240	240	235	255	165	170	160	135	135	135	135	135

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG 1

NINE MILE LO-CUP (9)		IND SPEED-CUP (MPH)												(WSPC)				DATA FOR FEBRUARY				1982			
HR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	****	****	****	****	****	****	****	35	32	31	31	29	25	23	20	19	19	18	17	16	11	7	7	6	20
02	6	5	5	5	4	5	4	4	4	6	6	6	6	6	8	9	8	9	9	9	10	9	8	7	7
03	6	6	6	7	8	8	7	7	7	8	6	4	2	2	2	2	3	1	1	2	2	3	3	6	5
04	****	****	****	****	****	****	****	****	****	14	12	9	9	10	9	8	8	7	9	9	6	3	4	4	4
05	5	5	5	6	6	4	2	3	4	3	5	4	5	5	5	3	3	1	3	4	3	5	6	6	8
06	8	15	16	12	17	20	25	24	25	20	19	16	17	24	25	26	25	24	15	22	26	11	20	13	19
07	10	12	12	12	10	10	7	6	8	11	13	15	14	13	13	11	13	14	10	18	30	29	30	29	15
08	25	25	24	26	24	23	22	22	22	19	****	****	****	18	16	14	13	12	7	6	5	5	5	4	16
09	4	5	3	3	2	2	4	5	4	2	2	2	2	3	3	5	5	6	9	10	14	17	16	18	6
10	22	25	23	21	19	18	15	15	13	12	17	19	20	21	18	14	16	17	23	23	23	20	20	23	19
11	19	12	11	11	10	9	9	9	10	9	9	9	8	8	6	6	5	4	2	4	8	24	21	20	10
12	18	16	16	19	14	13	13	11	9	8	8	7	6	4	4	2	2	3	3	3	4	4	3	3	8
13	3	4	2	2	2	2	2	4	4	4	5	5	6	5	4	6	6	8	6	5	14	16	16	15	6
14	9	6	7	6	6	6	3	3	3	3	2	3	4	5	3	3	3	3	4	6	7	7	8	9	5
15	10	11	10	11	10	12	8	10	10	12	11	11	11	9	13	13	12	8	7	10	13	12	13	12	11
16	9	7	7	7	7	5	7	6	5	3	3	6	7	6	5	5	5	6	8	8	9	7	7	7	6
17	8	7	8	9	8	7	5	4	4	5	5	5	5	6	5	5	6	7	7	6	4	3	2	3	6
18	3	6	6	5	5	7	7	7	7	8	8	9	8	8	8	9	8	8	8	11	11	10	7	8	8
19	8	8	7	7	8	9	9	8	10	10	9	8	7	6	6	8	12	15	14	14	15	16	15	15	10
20	16	13	11	12	11	11	11	8	7	5	5	5	4	4	2	2	2	2	2	3	4	4	3	3	6
21	3	3	3	3	2	2	3	3	3	3	3	4	4	3	5	4	4	4	5	8	5	6	5	4	4
22	6	7	7	7	7	8	9	7	7	6	****	7	5	4	2	2	1	6	14	16	16	14	12	10	8
23	9	10	7	4	4	4	5	6	6	7	8	10	14	14	15	15	14	13	14	14	14	15	10	9	10
24	9	9	8	11	9	8	6	6	6	7	6	7	5	6	7	8	7	8	7	8	9	9	8	9	8
25	12	11	10	10	9	9	10	11	12	11	10	9	11	14	22	24	24	24	23	23	23	22	18	16	15
26	17	17	17	14	13	11	9	8	6	6	6	8	11	9	14	13	16	17	16	17	19	20	20	19	13
27	19	18	19	16	15	13	11	8	9	10	11	12	11	10	9	9	9	9	8	8	9	9	10	10	11
28	10	8	6	3	4	6	7	7	8	9	8	8	6	7	7	6	6	5	5	6	6	5	4	3	6

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG 1

NINE MILE LO-CUP (9)				WIND SPEED-CUP (MPH)										(WSPC)				DATA FOR MARCH				198			
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	4	6	5	7	8	8	11	12	12	13	11	12	11	10	9	10	12	11	14	13	15	22	21	21	12
02	21	20	23	27	26	24	21	21	19	17	18	19	20	22	22	22	21	19	18	16	16	15	13	11	20
03	10	10	11	9	8	8	8	7	7	7	6	5	5	4	4	****	4	4	3	3	3	4	4	4	6
04	4	5	5	5	5	7	7	7	9	9	10	11	8	10	10	12	12	11	2	0	0	0	0	8	7
05	9	10	9	15	26	33	31	28	27	22	20	20	20	19	18	15	17	17	19	19	19	10	10	14	19
06	9	7	8	8	4	2	3	4	4	5	6	8	8	5	6	5	4	3	5	9	5	4	4	3	5
07	3	4	4	4	1	1	2	2	3	4	5	7	8	9	10	13	13	13	16	17	19	21	22	23	9
08	24	24	24	23	22	22	23	22	22	22	****	****	****	19	19	18	17	17	14	13	8	4	5	5	17
09	6	7	7	9	11	11	11	11	11	9	8	7	****	6	19	19	22	19	11	6	2	3	4	4	10
10	6	11	5	6	4	3	4	5	6	8	10	11	11	11	11	9	10	****	****	****	****	****	****	****	8
11	****	****	****	****	****	11	11	12	10	10	11	5	11	12	7	8	****	****	****	****	****	****	****	****	10
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	3	****	****	5	5	6	****	****	****	****	****	****	****	****	****	****	5
16	****	****	****	****	****	****	****	6	11	11	9	8	9	7	7	9	13	11	12	10	10	8	9	10	9
17	10	10	10	10	9	8	7	5	4	4	4	****	5	4	****	****	****	****	****	****	****	****	****	****	7
18	****	****	****	****	****	****	****	****	0	3	4	5	6	6	7	5	3	1	1	2	2	4	8	9	4
19	12	15	14	13	11	8	7	7	4	3	4	4	3	5	6	7	7	6	6	5	5	6	3	3	7
20	3	3	3	3	4	2	2	1	1	1	3	4	4	4	5	3	3	2	2	2	4	3	2	2	3
21	3	5	5	4	5	5	5	6	5	6	6	5	7	7	12	23	22	23	21	19	18	20	24	26	12
22	24	22	22	22	21	21	21	22	20	18	****	21	19	19	21	19	19	21	20	20	19	19	19	18	20
23	17	17	17	16	15	13	9	5	2	4	4	5	7	7	6	4	3	1	1	4	4	3	4	4	7
24	4	5	6	7	7	7	7	8	8	9	9	9	8	8	9	7	6	5	6	3	3	4	4	5	6
25	4	3	3	4	4	3	3	3	4	3	3	3	3	3	2	4	3	4	4	4	3	1	4	6	3
26	2	4	19	19	22	24	25	25	24	25	25	26	24	26	26	29	29	29	28	26	26	25	21	21	23
27	22	20	21	23	24	25	25	25	24	23	22	21	21	23	23	25	27	28	30	31	30	29	27	27	25
28	26	21	19	19	17	16	15	12	14	12	13	14	17	20	22	22	21	20	19	19	19	18	17	13	18
29	5	5	6	4	6	7	7	7	7	12	14	12	10	6	4	2	3	2	2	2	2	3	3	4	6
30	5	5	6	5	5	4	7	7	6	8	9	8	9	9	7	6	5	5	6	8	10	12	11	12	7
31	13	13	10	6	4	4	5	9	10	11	13	13	17	12	10	11	10	24	7	11	18	18	24	28	13

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE LO-CUP (9)				WIND SPEED-CUP (MPH)														(WSPC)							DATA FOR APRIL				1984
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24					AVG
01	23	14	8	14	19	19	18	19	22	25	25	23	22	22	20	21	25	25	25	28	28	29	29	28	22				
02	27	25	21	16	15	16	14	10	8	6	7	5	4	5	7	7	4	4	4	3	3	4	7	9	10				
03	8	9	11	14	11	16	16	17	15	16	19	16	14	17	15	14	11	9	21	23	18	17	21	27	16				
04	24	23	22	25	23	30	32	34	35	34	34	36	36	38	37	37	35	35	37	38	31	29	29	30	32				
05	28	24	23	21	23	22	19	16	12	13	****	****	****	****	14	12	9	4	1	2	2	2	3	5	13				
06	7	8	7	6	8	7	11	12	12	12	12	12	12	14	15	****	****	****	****	****	****	****	****	****	10				
07	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****				
08	****	****	****	****	****	****	****	****	****	****	****	19	24	25	26	27	25	25	24	23	19	19	19	16	22				
09	15	13	11	8	6	5	5	4	7	8	8	9	10	11	12	15	15	15	17	21	22	21	20	18	12				
10	18	16	16	19	20	21	20	21	20	17	16	17	15	12	12	15	15	17	11	5	3	3	6	6	14				
11	4	4	2	3	6	5	5	6	5	5	5	6	9	8	13	13	14	16	15	17	17	17	18	18	10				
12	18	16	14	16	15	13	13	14	14	12	12	14	14	11	6	5	2	2	4	5	7	7	7	9	10				
13	11	12	12	14	14	16	14	13	12	14	14	12	12	14	18	32	31	27	27	24	22	24	23	23	18				
14	24	23	22	20	19	16	15	17	16	15	14	14	14	14	14	13	11	10	8	4	2	3	3	4	13				
15	5	5	4	4	5	5	6	5	7	6	8	8	7	6	5	7	7	6	5	6	7	8	8	8	6				
16	8	8	8	8	6	8	9	8	10	11	11	11	10	10	10	13	11	9	11	10	12	12	14	15	10				
17	14	14	13	14	13	11	11	13	14	14	16	15	13	9	11	7	4	4	4	15	22	23	27	27	14				
18	25	18	18	19	22	26	27	28	26	27	27	27	28	28	27	26	27	27	26	22	17	15	11	6	23				
19	2	3	2	2	2	2	4	5	6	9	9	****	****	3	3	2	3	2	3	4	4	4	4	5	4				
20	7	5	7	10	11	8	7	6	2	4	5	8	10	13	14	11	12	13	9	2	3	9	13	12	8				
21	6	6	7	16	21	24	30	29	28	26	28	27	27	29	27	28	25	24	23	18	10	16	20	18	21				
22	15	18	21	23	24	23	22	22	23	22	22	23	20	17	18	19	19	18	18	18	17	16	15	14	19				
23	14	14	13	16	14	16	18	20	19	18	17	17	15	17	17	20	18	20	20	19	20	20	19	18	17				
24	17	19	17	16	12	11	12	10	11	13	10	9	6	6	8	8	12	14	16	11	10	12	11	8	12				
25	7	8	8	8	9	9	8	9	14	14	13	8	4	3	2	3	3	2	1	3	4	3	4	6	7				
26	5	6	6	5	6	6	7	8	10	12	12	11	10	11	11	8	7	6	3	1	2	4	2	3	7				
27	1	4	4	3	2	1	1	11	15	15	18	16	14	12	13	12	10	8	6	4	6	7	6	6	8				
28	4	3	3	4	6	4	4	5	6	7	10	7	9	12	12	11	13	11	8	5	7	8	6	6	7				
29	7	7	9	5	4	3	3	15	10	11	10	7	7	8	10	12	9	9	7	4	1	2	3	3	7				
30	5	5	4	5	6	8	11	13	13	13	12	12	13	13	14	15	15	15	14	14	15	14	13	13	11				

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

-----JG 1

NINE MILE LO-CUP (9)		WIND SPEED-CUP (MPH)														DATA FOR				MAY	198					
HOUR	ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
DAY																										
01		12	13	11	10	8	11	14	15	16	15	15	16	14	17	18	17	16	17	17	19	19	16	18	18	15
02		18	16	16	15	14	14	15	16	14	15	14	9	6	10	11	10	5	8	5	7	6	8	9	10	11
03		11	9	7	8	8	7	11	11	11	9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9
04		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
05		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
06		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
07		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
08		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
09		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11		3	2	2	2	2	3	2	4	3	3	4	3	3	4	5	4	3	1	1	2	2	3	3	2	3
12		3	4	5	2	4	6	7	4	5	6	4	6	3	2	3	3	2	2	2	2	2	3	3	2	4
13		2	4	2	1	4	3	3	5	5	7	6	8	4	4	5	4	4	4	5	3	4	3	2	2	4
14		2	1	2	2	2	3	3	4	3	4	4	5	5	4	4	5	3	8	7	6	3	2	1	2	4
15		2	2	1	1	1	0	1	2	3	3	3	3	4	4	4	5	5	7	6	5	2	1	1	2	3
16		2	1	1	2	2	2	2	3	9	9	8	8	4	3	5	3	4	3	2	1	1	1	3	2	3
17		1	4	6	4	3	4	5	4	****	6	7	5	5	5	3	4	2	2	2	5	4	2	2	1	4
18		1	2	2	2	3	4	4	4	4	4	4	5	4	4	3	3	2	2	3	2	2	1	2	4	3
19		6	6	7	7	7	8	6	5	6	9	7	7	4	4	6	7	6	5	4	5	7	3	4	6	6
20		5	3	1	2	2	2	2	6	5	8	11	10	10	8	11	12	11	10	4	3	3	4	3	6	6
21		2	2	2	2	2	3	4	4	4	5	6	4	4	4	3	3	4	3	3	4	3	4	4	4	4
22		3	2	2	3	3	4	5	6	6	6	5	5	4	4	3	3	4	3	3	3	3	4	5	6	4
23		6	6	6	6	7	6	5	5	6	7	8	7	7	9	11	11	9	10	12	12	9	9	9	9	8
24		8	7	8	8	8	8	8	9	8	7	8	7	5	4	3	3	1	2	2	2	1	1	1	1	5
25		1	1	1	1	2	2	5	6	7	7	6	6	9	7	7	8	6	5	3	2	1	2	1	1	4
26		1	1	2	2	2	3	2	2	3	3	2	3	3	3	3	4	3	2	2	1	2	2	2	2	2
27		1	4	4	6	6	5	5	6	6	5	4	2	2	3	3	2	1	3	3	3	3	3	4	4	4
28		5	5	4	5	6	8	8	8	8	10	9	12	10	11	8	6	8	7	7	4	4	6	7	7	7
29		6	5	7	6	5	6	5	4	4	3	2	3	4	4	4	4	3	2	1	1	2	3	2	2	4
30		3	4	5	6	4	5	7	7	6	5	5	5	6	5	5	2	2	1	2	1	4	4	5	4	4
31		6	2	5	5	5	4	6	5	5	7	7	8	7	7	6	3	2	1	0	2	3	5	6	5	5

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE UPPER (9)					WIND SPEED (MPH)												(WSPU)		DATA FOR JANUARY								198
HOUR ENDING DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG		
01	30	29	28	29	23	23	12	17	22	19	22	20	32	36	39	40	39	40	37	36	35	35	37	33	30		
02	34	31	24	24	22	19	16	15	13	9	6	6	5	7	6	7	9	8	6	5	9	13	15	16	14		
03	17	19	21	21	22	22	19	20	21	20	20	17	14	13	15	15	14	16	16	16	17	14	12	14	17		
04	17	16	16	17	22	26	29	31	31	35	33	33	29	26	20	15	24	17	21	37	35	35	27	33	26		
05	29	31	35	52	52	52	53	51	44	43	39	38	33	28	26	27	24	20	16	10	2	7	9	11	31		
06	13	15	16	18	19	21	23	21	22	20	16	16	13	13	13	13	12	11	9	10	14	14	10	7	15		
07	11	15	22	18	18	20	16	18	16	12	13	11	10	14	20	28	29	29	25	27	32	30	28	26	20		
08	24	24	24	24	20	17	18	16	16	9	6	4	4	15	15	16	10	13	15	17	17	10	15	40	16		
09	40	35	35	36	34	29	20	14	15	16	17	15	17	18	18	20	23	28	34	35	34	33	30	29	26		
10	29	32	29	25	23	25	27	29	30	34	31	32	33	24	27	25	29	23	29	28	29	29	30	28	28		
11	28	27	23	22	21	21	21	28	31	46	49	39	36	36	****	25	26	29	24	22	20	18	15	17	27		
12	13	12	7	8	8	10	11	10	10	8	3	2	1	1	2	3	6	11	13	12	12	12	14	13	8		
13	14	14	14	15	16	17	15	14	11	13	15	14	15	13	13	13	15	15	16	16	17	15	14	10	14		
14	6	9	8	6	9	9	10	11	10	9	6	4	11	14	15	13	13	15	17	19	18	18	18	19	12		
15	17	15	17	19	21	22	23	21	21	18	18	20	23	23	27	27	28	25	14	12	16	16	14	17	20		
16	18	17	16	17	17	21	22	23	22	22	17	19	15	37	44	42	44	41	43	45	47	47	39	28	29		
17	30	36	37	37	20	24	26	27	31	30	28	28	21	27	24	22	23	24	23	24	24	20	19	18	26		
18	20	22	21	20	19	17	20	21	20	18	18	12	11	****	9	9	12	13	14	15	15	14	11	8	16		
19	8	10	11	12	14	9	10	6	11	13	10	8	9	9	12	11	13	13	9	13	17	14	14	14	11		
20	13	14	13	14	12	21	17	16	23	27	25	23	23	20	18	17	16	16	25	25	25	24	25	27	20		
21	25	22	20	22	20	20	20	17	19	19	19	20	19	22	23	23	25	24	24	23	25	24	24	22	22		
22	19	17	18	20	18	17	19	14	10	5	5	5	3	3	3	2	5	8	13	15	14	19	23	22	12		
23	25	23	20	23	22	24	24	30	25	25	33	34	30	26	23	25	19	14	35	42	40	40	40	42	29		
24	39	42	40	37	42	39	37	36	35	35	39	36	35	34	40	45	47	46	41	42	47	39	37	33	39		
25	29	26	25	26	25	23	24	24	22	20	16	****	****	****	17	16	17	17	20	20	24	26	26	29	22		
26	30	21	17	11	6	4	5	5	9	5	5	17	16	21	20	19	17	14	13	16	19	13	9	9	13		
27	10	13	13	9	11	11	11	11	14	12	7	8	8	8	8	8	10	13	18	22	21	24	26	25	13		
28	17	16	20	26	26	27	24	22	23	25	20	21	19	17	13	19	24	24	32	40	36	41	46	44	26		
29	40	42	41	40	38	35	36	39	34	33	32	30	26	23	20	17	17	17	12	8	8	12	15	17	26		
30	17	18	16	15	23	26	26	16	11	15	18	20	18	21	20	16	12	11	13	12	16	19	19	23	18		
31	23	20	18	21	29	25	21	28	29	27	25	22	20	21	27	32	33	36	26	18	14	****	****	****	25		

NIAGARA MOHAWK
 CSWEGO AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE UPPER (9)				WIND SPEED (MPH)												(WSPU)								DATA FOR FEBRUARY				1982
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG			
DAY																									****			
01	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****		
02	****	****	****	****	****	****	****	****	****	12	13	11	10	9	15	17	16	19	18	19	19	18	17	13	15			
03	13	12	12	15	15	17	15	15	15	16	12	9	7	6	4	6	7	2	3	2	10	13	10	10	10			
04	21	23	19	16	16	13	17	15	15	18	16	12	13	12	11	10	10	9	11	12	7	5	6	7	13			
05	10	10	10	11	10	9	3	5	7	6	7	6	7	6	7	5	6	3	7	8	7	9	14	12	8			
06	12	21	21	15	24	27	33	31	32	26	26	22	22	34	35	36	35	33	23	32	36	19	30	19	27			
07	18	20	18	20	16	18	16	14	14	18	19	20	19	18	9	17	19	21	16	27	44	42	42	42	22			
08	38	37	36	37	35	33	31	31	31	26	****	****	****	24	22	19	19	18	13	14	12	11	10	24	24			
09	9	10	5	4	3	5	9	11	8	3	2	2	3	3	3	10	10	10	12	16	20	25	22	26	10			
10	32	36	32	29	28	26	23	22	18	17	25	28	28	29	25	20	24	25	33	31	32	30	29	32	27			
11	28	18	18	19	17	15	15	16	15	13	13	12	11	10	9	8	7	7	7	12	17	35	31	29	16			
12	25	23	23	26	20	18	17	15	12	12	11	10	9	6	5	1	1	5	7	8	9	10	8	9	12			
13	9	10	8	6	5	5	3	7	12	11	10	9	9	8	5	8	8	11	9	11	21	25	24	24	11			
14	14	11	13	11	10	10	7	2	3	3	2	4	4	5	6	5	5	7	12	16	17	16	16	19	9			
15	20	22	21	22	22	26	17	20	20	20	16	17	17	13	22	22	20	17	16	19	25	24	25	24	20			
16	21	20	17	14	13	11	15	17	15	13	11	20	25	24	21	18	19	21	24	25	25	23	20	23	19			
17	25	22	23	24	23	20	15	11	12	13	12	11	12	14	15	17	18	21	21	17	12	9	9	10	16			
18	11	14	14	12	13	15	16	15	12	13	13	13	13	14	14	14	15	16	18	20	21	19	14	14	15			
19	15	16	12	13	16	18	16	16	19	18	16	14	13	11	11	13	18	22	24	23	23	23	23	23	17			
20	24	20	17	18	17	17	16	12	11	8	7	6	5	4	1	2	6	6	7	9	10	10	9	8	10			
21	8	9	9	9	7	8	9	10	12	11	8	10	14	17	18	20	23	22	21	31	25	26	23	19	15			
22	19	23	22	23	22	22	22	21	17	16	****	13	8	4	1	1	2	10	20	23	22	20	17	14	16			
23	13	13	12	8	7	8	10	12	12	13	14	16	22	23	24	22	24	22	22	23	29	34	32	31	19			
24	26	25	23	26	24	19	15	16	16	16	12	11	10	12	15	21	21	21	20	22	26	25	24	26	20			
25	27	28	26	26	25	22	20	19	19	18	16	14	14	19	28	33	33	32	30	32	34	32	29	26	25			
26	25	25	25	22	21	19	14	12	10	8	8	10	14	12	20	20	26	26	24	26	28	28	30	28	20			
27	28	26	27	23	20	17	14	10	10	13	15	15	14	13	13	13	12	11	10	11	12	12	14	17	15			
28	17	16	15	9	11	16	20	19	21	20	19	17	14	14	13	13	13	13	15	16	17	14	10	9	15			

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE UPPER (9)		WIND SPEED (MPH)												WSPU		DATA FOR				MARCH	198						
HOUR	ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG	
01		13	15	13	17	17	18	22	24	23	24	21	22	20	17	16	17	21	18	23	22	23	30	27	28	20	
02		27	26	31	37	35	32	27	28	25	23	23	24	26	29	28	27	26	24	22	20	22	23	21	22	26	
03		21	22	21	20	20	20	17	18	15	13	12	8	7	5	6	****	3	4	3	1	1	5	11	13	12	
04		13	15	16	15	16	17	18	18	18	16	19	20	15	17	18	21	22	19	21	17	15	10	13	18	17	
05		18	20	15	26	39	46	42	38	36	29	27	27	27	26	24	22	23	24	26	27	26	14	15	20	27	
06		13	11	12	12	7	4	7	9	6	6	10	11	12	7	7	10	6	7	11	17	11	7	7	8	9	
07		6	9	8	8	3	2	5	6	6	7	8	10	9	11	12	16	17	18	21	25	27	28	30	31	13	
08		32	31	32	30	29	28	29	27	28	27	****	****	****	****	25	24	24	23	21	18	16	11	8	11	13	23
09		14	15	16	19	21	22	21	20	22	18	13	11	****	7	27	27	30	24	14	9	5	7	7	8	16	
10		10	17	9	11	9	11	13	11	10	14	17	19	20	19	17	17	18	****	****	****	****	****	****	****	14	
11		****	****	****	****	****	21	21	22	18	19	20	6	19	17	13	14	****	****	****	****	****	****	****	****	17	
12		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
13		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
14		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
15		****	****	****	****	****	****	****	****	5	****	****	7	8	10	****	****	****	****	****	****	****	****	****	****	8	
16		****	****	****	****	****	****	****	13	16	19	14	13	18	16	15	16	23	21	22	19	20	16	17	18	17	
17		20	19	20	19	16	15	15	11	12	10	9	****	16	16	****	****	****	****	****	****	****	****	****	****	15	
18		****	****	****	****	****	****	****	****	3	3	4	6	6	8	9	10	3	5	7	9	8	10	14	14	7	
19		18	20	19	17	16	14	12	12	9	7	9	6	5	5	7	10	11	9	9	7	7	9	6	7	10	
20		6	7	7	3	6	6	5	1	2	4	3	4	6	7	13	14	13	8	9	11	14	10	10	8	7	
21		10	13	13	12	12	12	12	13	11	14	13	12	14	15	19	34	35	35	33	31	28	30	34	36	20	
22		32	30	30	30	30	28	28	29	27	25	****	28	25	25	29	26	27	31	29	28	27	27	27	26	28	
23		24	24	23	21	18	16	13	6	2	4	4	5	7	8	6	5	3	0	2	6	8	9	13	15	10	
24		14	15	17	17	17	18	16	16	15	14	16	17	11	11	13	11	10	10	11	4	3	7	12	15	13	
25		12	7	8	10	10	8	7	7	4	3	4	3	4	4	5	8	13	24	24	17	10	7	13	12	9	
26		5	9	26	26	29	31	32	33	31	31	32	33	30	32	34	37	37	37	35	33	32	30	26	26	29	
27		28	27	27	29	29	29	30	30	29	28	26	25	25	27	28	30	33	34	37	38	38	37	34	34	31	
28		36	31	29	29	27	24	23	17	17	14	14	16	20	24	26	27	26	25	24	23	23	23	20	17	23	
29		12	12	13	12	14	16	16	12	10	15	18	19	15	12	8	6	5	3	3	5	7	9	11	15	11	
30		16	16	17	15	14	13	19	14	11	13	12	11	13	14	12	11	11	12	15	20	24	24	24	24	16	
31		25	26	22	10	11	12	15	20	18	18	20	24	27	17	15	18	16	36	11	19	28	28	35	39	21	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG 1

NINE MILE UPPER (9)				WIND SPEED (MPH)										(WSPU)				DATA FOR APRIL				199			
HOUR ENDING DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	33	22	16	23	29	29	26	29	32	34	32	30	29	29	28	28	33	33	32	36	36	37	36	36	30
02	34	31	28	23	22	22	21	18	15	11	11	7	4	6	10	10	7	8	10	10	12	15	18	21	16
03	17	18	22	28	30	31	31	32	31	36	35	32	29	31	30	28	22	15	32	31	24	22	27	35	28
04	32	32	32	35	32	38	42	44	45	46	44	47	47	49	49	49	44	45	47	49	40	37	36	37	42
05	35	33	31	28	28	29	25	21	14	15	****	****	****	****	16	14	10	4	1	3	2	5	8	15	17
06	19	22	20	17	22	22	30	37	37	35	34	35	34	32	31	****	****	****	****	****	****	****	****	****	28
07	****	****	****	****	****	****	****	****	****	30	28	29	30	31	31	34	36	36	37	39	39	38	37	37	34
08	36	35	34	32	33	34	35	35	30	26	21	21	27	29	31	32	31	31	29	29	24	23	22	19	29
09	17	15	13	9	7	7	8	5	7	8	9	10	11	12	14	15	18	20	23	28	28	29	27	24	15
10	24	20	21	24	25	25	25	27	26	23	23	24	23	20	20	22	23	24	17	9	7	8	11	10	20
11	8	9	6	8	11	10	11	10	11	10	8	8	12	12	17	16	18	21	19	22	21	22	22	23	14
12	23	21	17	21	20	17	16	17	16	15	13	16	16	13	8	7	4	1	4	12	15	15	15	19	14
13	21	21	22	27	26	29	26	27	25	28	27	23	23	25	28	43	42	36	37	33	31	32	31	31	29
14	33	30	28	26	25	21	20	23	21	20	19	18	18	17	16	15	15	14	12	8	4	3	5	7	17
15	7	12	13	14	16	15	15	9	10	7	11	9	9	6	7	11	12	10	11	14	16	17	17	19	12
16	18	19	18	16	14	15	17	15	15	17	15	16	14	16	16	20	18	16	19	18	20	22	23	25	18
17	23	24	21	24	24	19	21	23	21	22	23	23	20	16	18	14	13	12	14	30	32	35	39	36	23
18	33	25	25	26	28	32	33	34	31	32	32	33	32	34	33	32	34	36	34	30	23	19	15	11	29
19	6	6	6	6	6	7	9	7	8	11	11	****	****	6	3	4	6	5	7	9	11	11	12	15	8
20	18	12	14	19	19	17	16	15	7	11	8	12	15	19	22	19	19	21	16	3	3	16	23	19	15
21	11	10	12	22	27	30	37	34	33	31	34	32	33	34	31	32	29	28	28	22	16	22	24	21	26
22	19	21	24	27	28	27	26	26	25	26	26	26	22	19	20	21	21	21	21	23	22	22	20	18	23
23	18	19	19	21	20	23	24	26	25	24	22	26	23	25	26	32	29	31	30	28	31	30	28	26	25
24	27	30	27	24	19	18	19	18	18	21	20	17	15	12	12	12	21	28	27	18	18	19	18	16	20
25	16	18	17	18	19	18	17	14	17	18	18	14	13	12	7	3	5	5	4	4	4	8	9	11	12
26	15	17	17	16	14	15	16	15	14	16	16	15	14	16	16	15	12	10	9	4	4	4	9	8	13
27	5	8	10	6	4	4	9	15	17	18	21	18	15	13	14	13	11	9	6	5	6	22	31	28	13
28	23	20	19	20	21	21	19	17	16	20	22	21	18	18	17	18	22	21	17	10	12	16	10	8	18
29	9	8	9	7	8	6	4	21	8	12	12	9	10	12	13	15	12	12	10	8	2	4	6	10	9
30	11	10	10	11	12	13	15	16	17	15	16	18	20	19	19	23	24	27	24	25	24	28	25	25	19

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

-JG1

NINE MILE UPPER (9)		WIND SPEED (MPH)										(WSPU)						DATA FOR MAY				198			
HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	18	18	16	15	14	17	19	20	21	19	19	20	20	25	27	25	23	26	29	30	29	23	26	27	22
02	26	22	22	22	20	20	20	20	18	20	20	12	8	13	13	14	9	13	7	14	12	14	15	15	16
03	16	12	11	12	12	11	14	12	11	10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12
04	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
05	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
06	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
07	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
08	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
09	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	20	19	21	21	16	13	10	9	7	2	6	9	13
11	9	2	5	2	1	1	2	2	2	3	3	5	6	8	10	10	8	4	1	5	7	10	11	9	5
12	13	13	15	8	10	14	17	9	9	11	4	8	4	5	5	8	8	7	5	6	8	9	9	4	9
13	3	5	4	1	4	1	2	3	4	5	7	7	13	22	21	19	18	18	18	16	8	6	6	4	9
14	3	4	9	10	12	12	12	8	5	11	19	22	21	20	18	18	14	13	10	7	5	6	4	3	11
15	2	6	8	4	2	3	1	1	3	6	14	15	16	18	17	16	12	11	9	7	5	1	1	2	8
16	2	2	3	3	7	7	6	5	12	11	11	10	8	7	9	5	7	5	2	2	3	3	5	6	6
17	4	4	6	7	7	6	1	1	****	3	5	7	29	29	24	22	22	21	22	20	18	14	12	10	13
18	11	9	11	10	11	13	11	7	6	1	5	8	9	9	10	7	8	8	9	9	11	10	13	17	9
19	17	18	19	18	19	19	13	10	11	13	13	11	11	10	9	10	8	10	10	13	13	5	10	12	11
20	13	7	9	7	5	8	5	8	9	12	16	16	15	14	16	18	19	22	7	2	2	4	5	8	10
21	17	18	20	17	19	18	19	17	18	19	21	24	24	25	26	26	27	24	23	24	22	19	15	15	21
22	11	10	10	13	13	14	12	10	10	10	9	10	10	9	9	12	11	9	9	11	10	10	11	12	11
23	14	13	14	13	15	14	12	12	13	15	16	14	15	19	20	20	18	21	23	23	18	18	20	18	17
24	16	14	15	15	17	16	15	16	14	12	13	11	7	6	4	3	2	7	9	9	6	4	7	7	10
25	6	6	7	6	4	6	3	3	4	5	6	7	8	9	10	10	8	7	6	2	0	2	2	4	5
26	9	1	3	2	3	3	5	3	3	3	2	4	5	5	4	4	5	6	6	8	8	7	7	9	5
27	14	16	16	18	18	16	15	13	10	8	6	4	4	6	8	6	8	8	10	10	11	12	13	15	11
28	14	13	12	14	15	18	17	19	19	20	19	23	22	21	17	13	18	15	15	10	11	13	16	15	16
29	13	13	16	14	12	12	11	8	5	2	3	4	5	8	8	10	8	5	7	7	3	9	10	12	9
30	14	15	15	16	14	14	15	14	10	9	9	7	9	9	9	5	6	3	6	9	9	5	4	11	10
31	9	8	7	7	5	5	8	10	9	12	12	14	13	11	10	4	3	3	2	7	12	14	14	16	9

