

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

January - June, 1981

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POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
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 SEMIANNUAL REPORT/FIRST HALF 1981
 SUPPLEMENTAL INFORMATION

UTILITY: JAFNPP

LICENSEE: POWER AUTHORITY OF THE STATE OF NEW YORK

1. Regulatory Limits

a. Fission and activation gases:

$$\frac{Q_s \bar{E} \text{ (JAF Stack)}}{7.00E-01} + \frac{Q_s \bar{E} \text{ (NMP-1 Stack)}}{5.60E-01} + \frac{\sum Q_{iv} \text{ (JAF Vents)}}{6.30E+05 MPC_1} \leq 1$$

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_1 is defined by Col. 1, Table II of App. B to 10 CFR 20

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

$$\frac{Q_s \text{ (JAF Stack)}}{2.60E-06} + \frac{Q_s \text{ (NMP-1 Stack)}}{2.30E-6} + \frac{Q_{iv} \text{ (JAF Vents)}}{8.90E-8} \leq 1$$

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) First Quarter	2.77E-06 $\mu\text{Ci/ml}$
(2) Second Quarter	1.88E-05 $\mu\text{Ci/ml}$

3. <u>Average Energy, \bar{E}</u>	<u>Unit</u>	<u>Quarter 1</u>	<u>Quarter 2</u>
a. Elevated release:	MeV	4.64E-01	6.28E-01
b. Ground level release:	MeV	2.74E-01	5.40E-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:	107	118
(2) Total time period for batch releases:	66.7 hrs.	104.7 hrs.
(3) Maximum time period for batch release:	2 hrs.	24 hrs.
(4) Average time period for batch release:	0.62 hrs.	0.88 hrs.
(5) Minimum time period for batch release:	0.15 hrs.	0.08 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
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 GASEOUS EFFLUENTS--SUMMATION OF ALL RELEASES

	UNIT	QUARTER 1	QUARTER 2	EST. TOTAL ERROR %
A. FISSION AND ACTIVATION GASES				
1. Total release	Ci	5.54E+04	6.05E+04	1.00E+01
2. Average release rate for period	μCi/sec	7.12E+03	7.70E+03	
3. Tech. Spec. limit	%	*	*	
B. IODINES				
1. Total iodine-131	Ci	2.85E-02	3.53E-02	1.00E+01
2. Average release rate for period	μCi/sec	3.67E-03	4.47E-03	
3. Tech. Spec. limit	%	*	*	
C. PARTICULATES				
1. Particulates with half-lives >8 days	Ci	7.24E-03	6.51E-03	1.00E+01
2. Average release rate for period	μCi/sec	9.31E-04	3.28E-04	
3. Tech. Spec. limit	%	*	*	
4. Gross alpha radioactivity	Ci	9.06E-05	2.66E-05	1.00E+01
D. TRITIUM				
1. Total release	Ci	2.59E 00	2.61E 00	1.00E+01
2. Average release rate for period	μCi/sec	3.33E-01	3.32E-02	
*E. PERCENT OF TECHNICAL SPECIFICATION LIMITS				
FISSION AND ACTIVATION GASES				
1. JAF elevated release	%	4.70E-01	6.86E-01	
2. NMP-1 elevated release	%	4.60E-03	S/D	
3. JAF ground level release	%	7.88E-02	2.08E-01	
4. Total site release	%	5.53E-01	8.94E-01	
HALOGENS AND PARTICULATES WITH HALF-LIVES >8 DAYS				
5. JAF elevated release	%	2.85E-02	1.15E-01	
6. NMP-1 elevated release	%	4.16E-02	1.25E-02	
7. JAF ground level release	%	3.56E 00	1.92E 00	
8. Total site release	%	3.63E 00	2.05E 00	

S/D - Shutdown.

TABLE 1B

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. FITZPATRICK NUCLEAR POWER PLANT
 EFFLUENT AND WASTE DISPOSAL
 SEMIANNUAL REPORT/FIRST HALF 1981
 GASEOUS EFFLUENTS--ELEVATED RELEASE

CONTINUOUS MODE

NUCLIDES RELEASED	UNIT	QUARTER 1	QUARTER 2
1. <u>Fission gases</u>			
nitrogen-13	Ci	6.70E+02	4.92E+03
argon-41	Ci	7.10E+01	5.29E+01
krypton-85m	Ci	3.27E+03	4.07E+03
krypton-87	Ci	4.24E+03	4.56E+03
krypton-88	Ci	6.06E+03	6.40E+03
xenon-131m	Ci	8.10E+03	9.32E+03
xenon-133	Ci	1.52E+04	5.14E+03
xenon-133m	Ci	3.52E+02	1.62E+02
xenon-135	Ci	1.29E+04	1.60E+04
xenon-135m	Ci	1.00E+03	2.16E+03
xenon-138	Ci	3.26E+03	5.24E+03
2. <u>Iodines</u>			
iodine-131	Ci	5.23E-03	2.27E-02
iodine-133	Ci	2.59E-04	6.67E-04
iodine-135	Ci	3.65E-04	9.72E-06
3. <u>Particulates</u>			
manganese-54	Ci	1.34E-04	1.14E-04
cobalt-58	Ci	5.73E-07	9.49E-07
cobalt-60	Ci	6.38E-06	1.39E-06
zirconium-niobium-95	Ci	ND	3.74E-06
strontium-89	Ci	1.49E-03	1.51E-03
cesium-137	Ci	6.89E-06	1.85E-04
barium-lanthanum-140	Ci	1.47E-04	1.44E-03

There are no batch releases for this period.

Strontium-90 not detected for either quarter.

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/FIRST HALF 1981
 GASEOUS EFFLUENTS--GROUND LEVEL RELEASES

CONTINUOUS MODE

NUCLIDES RELEASED	UNIT	QUARTER 1	QUARTER 2
1. <u>Fission gases</u>			
nitrogen-13	Ci	2.55E+01	1.26E+02
krypton-85m	Ci	ND	ND
krypton-87	Ci	5.77E 00	7.99E 00
krypton-88	Ci	ND	1.06E+01
xenon-133	Ci	1.37E+02	8.43E+01
xenon-135	Ci	8.12E+01	1.16E+02
xenon-135m	Ci	4.36E+01	1.12E+02
xenon-138	Ci	ND	ND
2. <u>Iodines</u>			
iodine-131	Ci	2.33E-02	1.26E-02
iodine-133	Ci	2.84E-04	1.37E-04
iodine-135	Ci	2.71E-04	1.50E-04
3. <u>Particulates</u>			
chromium-51	Ci	2.73E-04	ND
manganese-54	Ci	2.14E-04	1.24E-04
cobalt-58	Ci	2.69E-04	ND
cobalt-60	Ci	1.92E-03	8.15E-04
strontium-89	Ci	1.31E-03	1.32E-03
zirconium-niobium-95	Ci	3.36E-05	1.97E-06
cesium-134	Ci	8.08E-05	1.86E-05
cesium-137	Ci	7.73E-05	2.05E-05
barium-lanthanum-140	Ci	1.29E-03	9.34E-04
cerium-141	Ci	ND	2.14E-05

There are no batch releases for this period.

Strontium-90 not detected for either quarter.

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/FIRST HALF 1981
 LIQUID EFFLUENTS--SUMMATION OF ALL RELEASES

	UNIT	QUARTER 1	QUARTER 2	EST. TOTAL ERROR %
A. FISSION AND ACTIVATION GASES				
1. Total release (not including tritium and alpha)	Ci	4.24E-01	4.59E-01	1.00E+01
2. Average diluted concentration during period	μCi/ml	2.28E-09	2.40E-09	
3. Applicable limit	%	8.22E-02	1.28E-02	
B. TRITIUM				
1. Total release	Ci	5.13E-01	4.59E-01	1.00E+01
2. Average diluted concentration during period	μCi/ml	2.76E-09	2.40E-09	
3. Applicable limit	%	9.19E-05	8.00E-05	
C. DISSOLVED AND ENTRAINED GASES				
1. Total release	Ci	1.17E-02	3.42E-03	1.00E+01
2. Average diluted concentration during period	μCi/ml	6.28E-11	1.79E-11	
3. Applicable limit	%	6.28E-15	1.79E-15	
D. GROSS ALPHA RADIOACTIVITY				
Total release	Ci	ND	ND	1.00E+01
E. VOLUME OF WASTE RELEASED (PRIOR TO DILUTION)	Liters	1.74E+06	1.37E+06	1.00E+01
F. VOLUME OF DILUTION WATER USED DURING PERIOD	Liters	1.86E+11	1.91E+11	1.00E+01

ND - None detected.

TABLE 2B

POWER AUTHORITY OF THE STATE OF NEW YORK
 JAMES A. CATSKILL NUCLEAR POWER PLANT
 EFFLUENT AND WASTE DISPOSAL
 SEMIANNUAL REPORT/FIRST HALF 1981
 LIQUID EFFLUENTS

NUCLIDES RELEASED	UNIT	BATCH MODE	
		QUARTER 1	QUARTER 2
silver-110m	Ci	6.33E-06	2.96E-06
cesium-134	Ci	3.79E-02	2.02E-02
cesium-137	Ci	5.49E-02	2.81E-02
iodine-131	Ci	4.16E-02	2.58E-03
iodine-133	Ci	7.77E-04	9.93E-04
iodine-135	Ci	6.58E-04	5.67E-04
barium-lanthanum-140	Ci	1.87E-04	1.03E-04
cobalt-58	Ci	1.46E-02	2.62E-02
cobalt-60	Ci	1.33E-01	2.78E-01
iron-59	Ci	3.10E-03	7.08E-04
zinc-65	Ci	8.43E-03	1.48E-02
manganese-54	Ci	5.67E-02	5.07E-02
chromium-51	Ci	3.56E-02	9.37E-03
antimony-124	Ci	1.75E-03	2.30E-05
molybdenum-99	Ci	ND	4.90E-05
technetium-99m	Ci	1.43E-04	4.26E-04
cerium-141	Ci	1.59E-06	2.16E-05
cerium-144	Ci	ND	6.79E-05
zirconium-niobium-95	Ci	9.25E-06	1.57E-05
sodium-24	Ci	1.87E-02	1.62E-02
arsenic-76	Ci	ND	4.00E-06
neptunium-239	Ci	4.14E-03	5.11E-03
xenon-133	Ci	9.31E-03	3.62E-03
xenon-135	Ci	2.40E-03	8.03E-04
krypton-85m	Ci	ND	2.96E-06
strontium-90	Ci	5.15E-05	4.06E-05

There are no continuous mode discharges for this period.

Strontium-89 not detected for either quarter.

ND - None detected.

TABLE 3

POWER AUTHORITY OF THE STATE OF NEW YORK
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 SEMIANNUAL REPORT/FIRST HALF 1981
 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	2.15E+02 9.96E+02	1.00E+01
b. Dry compressible waste, contaminated equipment, etc.	m ³ Ci	1.47E+02 5.91E 00	1.00E+01 1.00E+01
c. Irradiated components (None)			
d. Other (None)			

2. Estimate of Major Nuclide Composition

cobalt-60	63.2%	1.00E+01
manganese-54	12.0%	
cobalt-58	4.0%	
chromium-51	3.9%	
cesium-137	3.3%	
zinc-65	3.2%	
cesium-134	1.7%	

3. Solid Waste Disposition

SHIPMENT	QTY.	TRANSPORTATION MODE	DESTINATION
Type a and b	46	Truck	Barnwell, SC
Type b	5	Truck	Richland, WA

3. IRRADIATED FUEL SHIPMENTS (NONE)

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REPORT NOTES

1) TABLE 1A, SECTION D. TRITIUM

Second Quarter Tritium calculated from first quarter sample data.

2) TABLE 1A, SECTION E. PERCENT OF TECHNICAL SPECIFICATION LIMITS

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.

3) TABLES 1B AND 1C, 3, SECTION 3. PARTICULATES

Second Quarter Strontium calculated from first quarter sample data.

4) TABLE 2A, SECTION B. TRITIUM

Monthly tritium samples for March, April, May and June calculated from January sample data.

5) TABLE 2B.

Sr-90 calculated from fourth quarter 1980 sample data..

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

***** 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 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - A

% 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)	0.1	(2)	0.1	(2)	0.1	(2)	0.1	(1)	0.0	(0)	0.4	(7)
NNE	0.0	(0)	0.3	(6)	0.1	(2)	0.1	(2)	0.0	(0)	0.0	(0)	0.6	(10)
NE	0.0	(0)	0.1	(2)	0.2	(4)	0.1	(1)	0.0	(0)	0.0	(0)	0.4	(7)
ENE	0.0	(0)	0.2	(3)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	0.2	(4)
E	0.0	(0)	0.2	(3)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	0.2	(4)
ESE	0.1	(1)	0.1	(1)	0.0	(0)	0.1	(1)	0.0	(0)	0.1	(2)	0.3	(5)
SE	0.1	(1)	0.2	(4)	0.3	(6)	0.2	(3)	0.0	(0)	0.0	(0)	0.8	(14)
SSE	0.1	(1)	0.0	(0)	0.3	(5)	0.0	(0)	0.1	(2)	0.0	(0)	0.5	(8)
S	0.0	(0)	0.0	(0)	0.2	(3)	0.2	(4)	0.0	(0)	0.0	(0)	0.4	(7)
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)	0.1	(1)	0.1	(2)
WSW	0.0	(0)	0.0	(0)	0.2	(3)	0.1	(1)	0.0	(0)	0.5	(8)	0.7	(12)
W	0.0	(0)	0.3	(5)	0.2	(3)	0.1	(2)	0.1	(1)	0.9	(16)	1.6	(27)
WNW	0.1	(1)	0.1	(2)	0.3	(5)	0.2	(3)	0.0	(0)	0.8	(14)	1.4	(25)
NW	0.1	(2)	0.1	(2)	0.3	(6)	0.2	(3)	0.3	(5)	0.4	(7)	1.4	(25)
NNW	0.0	(0)	0.2	(3)	0.1	(2)	0.3	(6)	0.2	(4)	0.2	(3)	1.0	(18)
TOTAL	0.3	(6)	2.0	(34)	2.5	(44)	1.6	(28)	0.7	(13)	2.9	(51)	10.1	(176)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 199

NUMBER OF MISSING WIND OBSERVATIONS: 23

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

----- JG120

STABILITY CLASS - B

% 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)	0.1 (1)	0.1 (1)
NNE	0.0 (0)	0.0 (0)	0.1 (1)	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)	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)	0.0 (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 (2)	0.0 (0)	0.0 (0)	0.1 (2)
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 (1)	0.0 (0)	0.2 (3)	0.1 (1)	0.0 (0)	0.3 (5)
S	0.0 (0)	0.0 (0)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.3 (5)
SSW	0.0 (0)	0.0 (0)	0.3 (5)	0.1 (2)	0.0 (0)	0.0 (0)	0.4 (7)
SW	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.1 (1)	0.2 (3)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.1 (2)
W	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.1 (1)	0.5 (9)	0.7 (12)
WNW	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.2 (4)	0.4 (7)
NW	0.0 (0)	0.1 (1)	0.0 (0)	0.2 (3)	0.0 (0)	0.2 (3)	0.4 (7)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)
TOTAL	0.0 (0)	0.2 (3)	0.7 (12)	0.9 (16)	0.2 (4)	1.1 (19)	3.1 (54)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 66

NUMBER OF MISSING WIND OBSERVATIONS: 12

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - C

% 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)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.1 (2)
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	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
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)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SSE	0.0 (0)	0.0 (0)	0.2 (3)	0.1 (2)	0.0 (0)	0.1 (1)	0.3 (6)
S	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (3)
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)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.1 (2)
W	0.0 (0)	0.0 (0)	0.1 (2)	0.2 (3)	0.0 (0)	0.5 (9)	0.8 (14)
WNW	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (2)	0.3 (6)	0.6 (11)	1.1 (20)
NW	0.0 (0)	0.0 (0)	0.1 (1)	0.4 (7)	0.2 (4)	0.1 (1)	0.7 (13)
NNW	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.1 (1)	0.1 (1)	0.2 (4)
TOTAL	0.2 (3)	0.1 (2)	0.6 (10)	1.0 (18)	0.7 (12)	1.4 (25)	4.0 (70)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 88

NUMBER OF MISSING WIND OBSERVATIONS: 18

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - D

% 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)	0.3 (5)	0.7 (12)	0.1 (2)	0.0 (0)	1.1 (19)
NNE	0.0 (0)	0.1 (1)	0.1 (1)	0.5 (9)	0.3 (5)	0.0 (0)	0.9 (16)
NE	0.0 (0)	0.1 (2)	0.3 (5)	0.1 (1)	0.0 (0)	0.0 (0)	0.5 (8)
ENE	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
E	0.1 (2)	0.3 (5)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (8)
ESE	0.0 (0)	0.2 (4)	0.1 (2)	0.0 (0)	0.1 (2)	0.2 (3)	0.6 (11)
SE	0.1 (1)	0.2 (3)	0.1 (1)	0.3 (6)	0.1 (2)	0.5 (8)	1.2 (21)
SSE	0.0 (0)	0.0 (0)	0.4 (7)	0.5 (9)	0.2 (3)	0.1 (2)	1.2 (21)
S	0.0 (0)	0.2 (3)	0.5 (9)	1.1 (19)	0.1 (1)	0.0 (0)	1.8 (32)
SSW	0.1 (1)	0.3 (5)	0.1 (2)	1.1 (20)	0.3 (5)	0.2 (3)	2.1 (36)
SW	0.0 (0)	0.1 (1)	0.2 (3)	0.3 (6)	0.5 (9)	0.5 (9)	1.6 (28)
WSW	0.1 (1)	0.1 (1)	0.1 (2)	0.8 (14)	0.6 (11)	2.0 (35)	3.7 (64)
W	0.0 (0)	0.1 (2)	0.4 (7)	1.1 (19)	0.7 (13)	2.4 (42)	4.8 (83)
WNW	0.0 (0)	0.1 (1)	0.1 (2)	1.1 (19)	1.0 (18)	1.4 (24)	3.7 (64)
NW	0.0 (0)	0.1 (2)	0.6 (11)	1.7 (30)	1.1 (19)	0.4 (7)	4.0 (69)
NNW	0.0 (0)	0.2 (3)	0.3 (5)	1.0 (18)	0.3 (6)	0.0 (0)	1.8 (32)
TOTAL	0.3 (5)	2.0 (34)	3.7 (64)	10.5 (182)	5.5 (96)	7.6 (133)	29.5 (514)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 676

NUMBER OF MISSING WIND OBSERVATIONS: 162

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - E

% 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)	0.1 (1)	0.2 (3)	0.6 (10)	0.1 (1)	0.0 (0)	0.9 (15)
NNE	0.0 (0)	0.1 (1)	0.2 (3)	0.7 (12)	0.0 (0)	0.0 (0)	0.9 (16)
NE	0.1 (1)	0.1 (1)	0.3 (6)	0.2 (3)	0.1 (1)	0.0 (0)	0.7 (12)
ENE	0.1 (1)	0.2 (4)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (10)
E	0.2 (3)	0.3 (5)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.5 (9)
ESE	0.0 (0)	0.2 (3)	0.5 (9)	0.4 (7)	0.5 (8)	0.1 (1)	1.6 (28)
SE	0.1 (1)	0.3 (5)	0.6 (11)	2.9 (50)	1.2 (21)	1.4 (25)	6.5 (113)
SSE	0.1 (2)	0.2 (4)	0.8 (14)	1.5 (26)	1.1 (20)	1.1 (20)	4.9 (86)
S	0.2 (4)	0.2 (4)	1.1 (20)	2.4 (42)	0.2 (4)	0.3 (6)	4.6 (80)
SSW	0.0 (0)	0.1 (2)	0.4 (7)	1.8 (32)	0.2 (3)	0.0 (0)	2.5 (44)
SW	0.1 (2)	0.3 (6)	0.6 (11)	1.1 (20)	0.8 (14)	0.6 (10)	3.6 (63)
WSW	0.1 (1)	0.1 (2)	0.8 (14)	0.4 (7)	0.1 (2)	1.0 (17)	2.5 (43)
W	0.0 (0)	0.1 (2)	0.2 (3)	0.3 (6)	0.3 (5)	1.5 (26)	2.4 (42)
WNW	0.0 (0)	0.1 (2)	0.4 (7)	0.6 (10)	0.9 (16)	1.0 (17)	3.0 (52)
NW	0.1 (1)	0.1 (2)	0.5 (9)	1.0 (17)	0.5 (8)	0.3 (5)	2.4 (42)
NNW	0.0 (0)	0.1 (1)	0.3 (6)	0.9 (16)	0.6 (10)	0.1 (1)	2.0 (34)
TOTAL	0.9 (16)	2.6 (45)	7.4 (128)	14.9 (259)	6.5 (113)	7.4 (128)	39.6 (639)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 826

NUMBER OF MISSING WIND OBSERVATIONS: 137

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - F

% 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	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)
NE	0.1 (1)	0.1 (2)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.3 (5)
ENE	0.0 (0)	0.2 (4)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.5 (8)
E	0.0 (0)	0.1 (2)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
ESE	0.1 (1)	0.2 (3)	0.4 (7)	0.1 (1)	0.0 (0)	0.0 (0)	0.7 (12)
SE	0.0 (0)	0.2 (3)	0.2 (3)	0.7 (12)	0.3 (5)	0.0 (0)	1.3 (23)
SSE	0.1 (1)	0.1 (1)	0.3 (5)	0.5 (9)	0.3 (5)	0.0 (0)	1.2 (21)
S	0.1 (1)	0.0 (0)	0.3 (5)	0.9 (16)	0.0 (0)	0.0 (0)	1.3 (22)
SSW	0.1 (1)	0.1 (1)	0.1 (2)	0.3 (6)	0.0 (0)	0.0 (0)	0.6 (10)
SW	0.1 (2)	0.2 (4)	0.3 (5)	0.2 (3)	0.2 (3)	0.0 (0)	1.0 (17)
WSW	0.0 (0)	0.1 (2)	0.3 (5)	0.1 (1)	0.1 (1)	0.0 (0)	0.5 (9)
W	0.0 (0)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.3 (5)
WNW	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (4)
NW	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.0 (0)	0.2 (4)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	0.5 (9)	1.6 (28)	2.2 (39)	2.9 (51)	1.0 (17)	0.2 (3)	8.4 (147)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 163

NUMBER OF MISSING WIND OBSERVATIONS: 16

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - G

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

DIR	00-03	04-07	08-1	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)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)	0.2 (4)
NE	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (2)	0.1 (2)	0.3 (6)
ENE	0.1 (2)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
E	0.1 (1)	0.2 (3)	0.6 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (14)
ESE	0.0 (0)	0.1 (1)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
SE	0.0 (0)	0.0 (0)	0.5 (8)	0.2 (4)	0.0 (0)	0.0 (0)	0.7 (12)
SSE	0.1 (1)	0.1 (1)	0.1 (2)	0.5 (8)	0.0 (0)	0.0 (0)	0.7 (12)
S	0.1 (2)	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.3 (5)
SSW	0.0 (0)	0.1 (1)	0.1 (2)	0.2 (3)	0.0 (0)	0.0 (0)	0.3 (6)
SW	0.1 (1)	0.1 (2)	0.1 (2)	0.2 (3)	0.0 (0)	0.0 (0)	0.5 (8)
WSW	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
W	0.1 (1)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
WNW	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NW	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NNW	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
TOTAL	0.6 (11)	0.8 (14)	2.2 (38)	1.1 (20)	0.1 (2)	0.3 (5)	5.2 (90)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 107

NUMBER OF MISSING WIND OBSERVATIONS: 17

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - ALL

% 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)	0.2 (3)	0.6 (11)	1.4 (24)	0.2 (4)	0.1 (1)	2.5 (43)
NNE	0.1 (1)	0.5 (9)	0.4 (7)	1.4 (24)	0.3 (6)	0.2 (4)	2.9 (51)
NE	0.1 (2)	0.4 (7)	0.9 (16)	0.4 (7)	0.2 (4)	0.1 (2)	2.2 (38)
ENE	0.2 (3)	0.7 (13)	0.6 (11)	0.1 (1)	0.0 (0)	0.0 (0)	1.6 (28)
E	0.5 (8)	1.0 (18)	0.9 (15)	0.1 (1)	0.0 (0)	0.0 (0)	2.4 (42)
ESE	0.2 (3)	0.7 (12)	1.4 (24)	0.6 (11)	0.6 (10)	0.3 (6)	3.8 (66)
SE	0.2 (3)	0.9 (15)	1.8 (31)	4.3 (75)	1.6 (28)	1.9 (33)	10.6 (185)
SSE	0.3 (5)	0.4 (7)	2.1 (36)	3.3 (57)	1.8 (31)	1.3 (23)	9.1 (159)
S	0.4 (7)	0.5 (8)	2.4 (42)	4.9 (86)	0.3 (5)	0.3 (6)	8.9 (154)
SSW	0.1 (2)	0.6 (10)	1.0 (18)	3.6 (63)	0.5 (8)	0.2 (3)	6.0 (104)
SW	0.3 (5)	0.7 (13)	1.3 (23)	1.9 (33)	1.5 (26)	1.3 (22)	7.0 (122)
WSW	0.1 (2)	0.3 (6)	1.4 (25)	1.4 (25)	0.8 (14)	3.6 (62)	7.7 (134)
W	0.1 (1)	0.8 (14)	1.0 (17)	1.8 (31)	1.1 (20)	5.9 (103)	10.7 (186)
WNW	0.1 (2)	0.5 (9)	1.0 (17)	2.0 (35)	2.4 (41)	4.1 (71)	10.1 (175)
NW	0.3 (5)	0.5 (8)	1.6 (28)	3.5 (61)	2.2 (38)	1.3 (23)	9.4 (163)
NNW	0.1 (1)	0.5 (8)	0.8 (14)	2.3 (40)	1.3 (22)	0.3 (5)	5.2 (90)
TOTAL	2.9 (50)	9.2 (160)	19.3 (335)	33.0 (574)	14.8 (257)	20.9 (364)	100.0 (1740)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2125

NUMBER OF MISSING WIND OBSERVATIONS: 385

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

----- 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	0.0 (0)	0.2 (3)	0.6 (11)	1.4 (24)	0.2 (4)	0.1 (1)	2.4 (43)
NNE	0.1 (1)	0.5 (9)	0.8 (14)	1.4 (24)	0.3 (6)	0.2 (4)	3.3 (58)
NE	0.1 (2)	0.4 (7)	0.9 (16)	0.4 (7)	0.2 (4)	0.1 (2)	2.1 (38)
ENE	0.2 (3)	0.8 (15)	0.6 (11)	0.1 (1)	0.0 (0)	0.0 (0)	1.7 (30)
E	0.5 (8)	1.0 (18)	0.8 (15)	0.1 (1)	0.0 (0)	0.0 (0)	2.4 (42)
ESE	0.2 (4)	0.7 (12)	1.4 (24)	0.7 (12)	0.6 (11)	0.3 (6)	3.9 (69)
SE	0.2 (4)	0.8 (15)	1.8 (32)	4.4 (77)	1.6 (28)	1.9 (33)	10.7 (189)
SSE	0.3 (5)	0.4 (7)	2.1 (37)	3.2 (57)	1.8 (31)	1.3 (23)	9.0 (160)
S	0.4 (7)	0.5 (8)	2.4 (42)	4.9 (86)	0.3 (5)	0.3 (6)	8.7 (154)
SSW	0.1 (2)	0.6 (10)	1.0 (18)	3.6 (63)	0.5 (8)	0.2 (3)	5.9 (104)
SW	0.3 (5)	0.7 (13)	1.3 (23)	1.9 (33)	1.5 (26)	1.2 (22)	6.9 (122)
WSW	0.1 (2)	0.3 (6)	1.4 (25)	1.4 (25)	0.8 (14)	3.5 (62)	7.6 (134)
W	0.1 (1)	0.8 (14)	1.2 (21)	1.8 (31)	1.1 (20)	5.8 (103)	10.7 (190)
WNW	0.1 (2)	0.6 (11)	1.1 (19)	2.0 (35)	2.3 (41)	4.0 (71)	10.1 (179)
NW	0.3 (5)	0.5 (8)	1.6 (29)	3.4 (61)	2.1 (38)	1.3 (23)	9.3 (164)
NNW	0.1 (2)	0.5 (8)	0.8 (15)	2.3 (40)	1.3 (23)	0.3 (5)	5.3 (93)
TOTAL	3.0 (53)	9.3 (164)	19.9 (352)	32.6 (577)	14.6 (259)	20.6 (364)	100.0 (1769)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2160

NUMBER OF MISSING WIND OBSERVATIONS: 391

NUMBER OF CALM HOURS: 2

***** 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 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - A

% 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	0.2	(4)	0.4	(7)	0.4	(8)	0.0	(0)	0.0	(0)	0.0	(0)	1.0 (19)
NNE	0.1	(2)	0.2	(4)	0.1	(2)	0.0	(0)	0.0	(0)	0.0	(0)	0.4 (8)
NE	0.1	(1)	0.3	(5)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.3 (6)
ENE	0.2	(3)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.2 (4)
E	0.1	(1)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.1 (2)
ESE	0.1	(1)	0.2	(3)	0.1	(2)	0.0	(0)	0.0	(0)	0.0	(0)	0.3 (6)
SE	0.1	(1)	0.5	(9)	0.2	(4)	0.1	(1)	0.0	(0)	0.0	(0)	0.8 (15)
SSE	0.1	(2)	0.3	(5)	0.2	(3)	0.0	(0)	0.0	(0)	0.0	(0)	0.5 (10)
S	0.0	(0)	0.2	(3)	0.1	(1)	0.0	(0)	0.0	(7)	0.0	(0)	0.2 (4)
SSW	0.0	(0)	0.2	(3)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	0.2 (4)
SW	0.1	(1)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.1 (2)
WSW	0.0	(0)	0.1	(1)	0.0	(0)	0.1	(1)	0.0	(0)	0.2	(4)	0.3 (6)
W	0.1	(2)	0.2	(4)	0.0	(0)	0.0	(0)	0.3	(6)	0.5	(9)	1.1 (21)
WNW	0.2	(4)	0.1	(2)	0.2	(3)	0.1	(2)	0.0	(0)	0.7	(13)	1.3 (24)
NW	0.3	(5)	0.3	(5)	0.1	(2)	0.5	(10)	0.2	(3)	0.2	(3)	1.5 (28)
NNW	0.2	(3)	0.4	(7)	0.3	(5)	0.0	(0)	0.0	(0)	0.0	(0)	0.8 (15)
TOTAL	1.6	(30)	3.2	(61)	1.6	(31)	0.7	(14)	0.5	(9)	1.5	(29)	9.2 (174)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 199

NUMBER OF MISSING WIND OBSERVATIONS: 25

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

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)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NNE	0.0 (0)	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)	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	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
ESE	0.0 (0)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
SE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
SSE	0.0 (0)	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
S	0.0 (0)	0.1 (2)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
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)	0.1 (2)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)
W	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (2)	0.1 (2)	0.2 (4)	0.5 (10)
WNW	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.2 (4)	0.2 (4)	0.5 (10)
NW	0.0 (0)	0.1 (2)	0.3 (5)	0.1 (1)	0.1 (2)	0.0 (0)	0.5 (10)
NNW	0.0 (0)	0.1 (1)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
TOTAL	0.1 (1)	0.7 (13)	1.4 (26)	0.2 (3)	0.4 (8)	0.5 (9)	3.2 (60)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 66

NUMBER OF MISSING WIND OBSERVATIONS: 6

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - C

% 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)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
NNE	0.0 (0)	0.1 (2)	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)	0.0 (0)
ENE	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
E	0.1 (1)	0.0 (0)	0.0 (0)	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)	0.0 (0)	0.1 (1)
SE	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SSE	0.1 (1)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
S	0.0 (0)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
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)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.1 (2)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.2 (4)
W	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.1 (1)	0.3 (6)	0.5 (10)
WNW	0.0 (0)	0.1 (2)	0.1 (2)	0.2 (3)	0.3 (5)	0.1 (2)	0.7 (14)
NW	0.0 (0)	0.0 (0)	0.5 (9)	0.7 (13)	0.2 (4)	0.0 (0)	1.4 (26)
NNW	0.1 (1)	0.1 (1)	0.2 (3)	0.2 (3)	0.0 (0)	0.0 (0)	0.4 (8)
TOTAL	0.2 (4)	0.8 (15)	1.2 (22)	1.1 (21)	0.5 (10)	0.5 (9)	4.3 (81)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 88

NUMBER OF MISSING WIND OBSERVATIONS: 7

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - D

% 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	0.1	(1)	1.4	(26)	0.2	(3)	0.0	(0)	0.0	(0)	0.0	(0)	1.6	(30)
NNE	0.1	(2)	0.8	(16)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	1.0	(19)
NE	0.0	(0)	0.3	(6)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.3	(6)
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	(4)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.4	(7)
ESE	0.3	(5)	0.2	(4)	0.2	(3)	0.4	(7)	0.0	(0)	0.0	(0)	1.0	(19)
SE	0.1	(1)	0.5	(9)	0.1	(2)	0.1	(2)	0.0	(0)	0.0	(0)	0.7	(14)
SSE	0.2	(4)	0.4	(7)	0.3	(6)	0.1	(2)	0.0	(0)	0.0	(0)	1.0	(19)
S	0.1	(2)	0.9	(17)	1.0	(19)	0.0	(0)	0.0	(0)	0.0	(0)	2.0	(38)
SSW	0.2	(3)	0.4	(8)	0.4	(8)	0.0	(0)	0.0	(0)	0.0	(0)	1.0	(19)
SW	0.1	(2)	0.3	(6)	1.0	(18)	0.4	(8)	0.0	(0)	0.1	(2)	1.9	(36)
WSW	0.2	(4)	0.3	(6)	1.5	(29)	1.1	(21)	0.4	(8)	0.4	(7)	4.0	(75)
W	0.1	(2)	0.3	(6)	1.0	(19)	2.1	(39)	1.5	(28)	1.2	(22)	6.1	(116)
WNW	0.0	(0)	0.1	(1)	1.6	(30)	2.4	(45)	1.1	(20)	1.0	(18)	6.0	(114)
NW	0.1	(2)	0.4	(7)	2.2	(42)	1.8	(34)	0.2	(3)	0.0	(0)	4.7	(88)
NNW	0.2	(3)	0.9	(17)	1.1	(20)	0.1	(1)	0.0	(0)	0.0	(0)	2.2	(41)
TOTAL	1.9	(35)	7.5	(141)	10.6	(200)	8.4	(159)	3.1	(59)	2.6	(49)	34.1	(643)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 676

NUMBER OF MISSING WIND OBSERVATIONS: 33

NUMBER OF CALM HOURS: 5

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - E

% 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	0.3 (5)	0.2 (3)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (12)
NNE	0.3 (6)	0.3 (6)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (13)
NE	0.3 (6)	0.6 (11)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	1.0 (19)
ENE	0.4 (7)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (9)
E	0.8 (15)	0.2 (3)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	1.2 (22)
ESE	0.5 (9)	1.1 (21)	0.8 (16)	0.2 (3)	0.0 (0)	0.0 (0)	2.6 (49)
SE	0.4 (8)	3.9 (73)	1.5 (28)	0.8 (15)	0.3 (6)	0.0 (0)	6.9 (130)
SSE	0.8 (15)	1.6 (30)	1.4 (26)	0.3 (6)	0.0 (0)	0.0 (0)	4.1 (77)
S	1.0 (18)	2.0 (37)	0.9 (17)	0.5 (9)	0.0 (0)	0.0 (0)	4.3 (81)
SSW	0.3 (6)	0.9 (17)	0.7 (14)	0.0 (0)	0.0 (0)	0.0 (0)	2.0 (37)
SW	0.7 (13)	0.4 (8)	1.1 (20)	0.5 (9)	0.0 (0)	0.0 (0)	2.6 (50)
WSW	0.5 (10)	0.5 (9)	0.5 (9)	0.7 (13)	0.5 (10)	0.1 (1)	2.8 (52)
W	0.1 (2)	0.2 (3)	0.3 (6)	1.5 (28)	1.0 (19)	0.3 (5)	3.3 (63)
WNW	0.1 (1)	0.2 (3)	0.4 (8)	1.3 (24)	0.7 (14)	0.2 (3)	2.8 (53)
NW	0.1 (1)	0.2 (4)	1.0 (18)	0.5 (10)	0.3 (5)	0.0 (0)	2.0 (38)
NNW	0.3 (5)	0.6 (11)	0.9 (17)	0.1 (2)	0.0 (0)	0.0 (0)	1.9 (35)
TOTAL	6.7 (127)	12.8 (241)	10.1 (190)	6.3 (119)	2.9 (54)	0.5 (9)	39.2 (740)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 826

NUMBER OF MISSING WIND OBSERVATIONS: 86

NUMBER OF CALM HOURS: 12

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

STABILITY CLASS - F

% 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	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ENE	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
E	0.4 (8)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (9)
ESE	0.8 (15)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.0 (18)
SE	0.5 (9)	0.9 (17)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	1.7 (32)
SSE	0.3 (6)	0.6 (12)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.0 (18)
S	0.1 (2)	0.5 (10)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (14)
SSW	0.1 (1)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
SW	0.1 (2)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (4)
WSW	0.1 (2)	0.5 (9)	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.8 (16)
W	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (3)
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)	0.1 (1)	0.1 (2)	0.1 (1)	0.0 (0)	0.2 (4)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	2.6 (49)	3.1 (58)	0.7 (14)	0.3 (6)	0.1 (1)	0.0 (0)	6.8 (128)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 163

NUMBER OF MISSING WIND OBSERVATIONS: 35

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

----- JC120*

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	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NE	0.1 (1)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (9)
ENE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
E	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
ESE	0.4 (8)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (9)
SE	0.7 (14)	0.3 (6)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (21)
SSE	0.3 (5)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (8)
S	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SSW	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
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)	0.0 (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)	0.0 (0)
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)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
TOTAL	1.9 (36)	1.3 (25)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	3.3 (62)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 107

NUMBER OF MISSING WIND OBSERVATIONS: 45

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

----- 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)	1.9 (36)	1.0 (18)	0.0 (0)	0.0 (0)	0.0 (0)	3.4 (64)
NNE	0.6 (11)	1.5 (29)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	2.4 (45)
NE	0.5 (9)	1.6 (31)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	2.2 (42)
ENE	0.8 (15)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (21)
E	1.9 (35)	0.5 (9)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	2.5 (48)
ESE	2.0 (38)	1.8 (34)	1.2 (23)	0.5 (10)	0.0 (0)	0.0 (0)	5.6 (105)
SE	1.7 (33)	6.1 (116)	2.2 (41)	1.0 (18)	0.3 (6)	0.0 (0)	11.3 (214)
SSE	1.7 (33)	3.1 (58)	2.1 (40)	0.4 (8)	0.0 (0)	0.0 (0)	7.4 (139)
S	1.2 (22)	3.9 (74)	2.3 (44)	0.5 (9)	0.0 (0)	0.0 (0)	7.9 (149)
SSW	0.6 (11)	1.8 (34)	1.3 (25)	0.0 (0)	0.0 (0)	0.0 (0)	3.7 (70)
SW	1.0 (18)	1.0 (18)	2.2 (42)	1.0 (18)	0.0 (0)	0.1 (2)	5.2 (98)
WSW	0.8 (16)	1.5 (28)	2.2 (42)	2.0 (37)	1.0 (18)	0.7 (14)	8.2 (155)
W	0.3 (6)	0.8 (16)	1.4 (27)	3.8 (72)	3.0 (56)	2.4 (46)	11.8 (223)
WNW	0.3 (5)	0.5 (9)	2.3 (44)	3.9 (74)	2.3 (43)	2.1 (40)	11.4 (215)
NW	0.4 (8)	1.0 (18)	4.1 (77)	3.7 (70)	1.0 (18)	0.2 (3)	10.3 (194)
NNW	0.6 (12)	2.0 (38)	2.6 (50)	0.3 (6)	0.0 (0)	0.0 (0)	5.6 (106)
TOTAL	14.9 (282)	29.3 (554)	25.6 (484)	17.1 (322)	7.5 (141)	5.6 (105)	100.0 (1888)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2125

NUMBER OF MISSING WIND OBSERVATIONS: 237

NUMBER OF CALM HOURS: 21

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1981 THROUGH MAR 31 1981

JG120*

% 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	0.5 (10)	1.9 (36)	1.0 (20)	0.0 (0)	0.0 (0)	0.0 (0)	3.4 (66)
NNE	0.7 (14)	1.7 (33)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	2.8 (53)
NE	0.5 (9)	1.8 (34)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	2.3 (45)
ENE	0.8 (16)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (22)
E	1.9 (36)	0.5 (9)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	2.6 (49)
ESE	2.0 (38)	1.8 (34)	1.3 (25)	0.5 (10)	0.0 (0)	0.0 (0)	5.6 (107)
SE	1.9 (36)	6.1 (117)	2.1 (41)	0.9 (18)	0.3 (6)	0.0 (0)	11.4 (218)
SSE	1.7 (33)	3.0 (58)	2.2 (42)	0.4 (8)	0.0 (0)	0.0 (0)	7.4 (141)
S	1.1 (22)	3.9 (74)	2.3 (44)	0.5 (9)	0.0 (0)	0.0 (0)	7.8 (149)
SSW	0.6 (11)	1.8 (34)	1.3 (25)	0.0 (0)	0.0 (0)	0.0 (0)	3.7 (70)
SW	0.9 (18)	0.9 (18)	2.2 (42)	0.9 (18)	0.0 (0)	0.1 (2)	5.1 (98)
WSW	0.9 (17)	1.5 (28)	2.2 (42)	1.9 (37)	0.9 (18)	0.7 (14)	8.1 (156)
W	0.4 (8)	0.8 (16)	1.4 (27)	3.8 (72)	2.9 (56)	2.4 (46)	11.7 (225)
WNW	0.3 (6)	0.5 (9)	2.3 (44)	3.9 (74)	2.2 (43)	2.1 (40)	11.3 (216)
NW	0.4 (8)	0.9 (18)	4.0 (77)	3.7 (70)	0.9 (18)	0.2 (3)	10.1 (194)
NNW	0.7 (13)	2.0 (39)	2.6 (50)	0.3 (6)	0.0 (0)	0.0 (0)	5.6 (108)
TOTAL	15.4 (295)	29.4 (563)	25.6 (491)	16.8 (322)	7.4 (141)	5.5 (105)	100.0 (1917)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2160

NUMBER OF MISSING WIND OBSERVATIONS: 243

NUMBER OF CALM HOURS: 23

***** 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 APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - A

% 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)	0.3 (5)	0.2 (4)	0.1 (1)	0.2 (3)	0.0 (0)	0.8 (13)
NNE	0.1 (1)	0.2 (4)	0.2 (3)	0.1 (1)	0.1 (2)	0.1 (2)	0.8 (13)
NE	0.1 (1)	0.4 (7)	0.2 (3)	0.0 (0)	0.0 (0)	0.1 (2)	0.8 (13)
ENE	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
E	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
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)	0.1 (2)	0.3 (6)	0.5 (8)	0.1 (1)	0.1 (1)	1.0 (18)
SSE	0.1 (1)	0.2 (3)	0.5 (8)	0.8 (14)	0.1 (2)	0.1 (1)	1.7 (29)
S	0.0 (0)	0.0 (0)	0.3 (5)	0.4 (7)	0.1 (1)	0.0 (0)	0.8 (13)
SSW	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (4)
SW	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.1 (2)	0.0 (0)	0.3 (5)
WSW	0.1 (1)	0.1 (1)	0.2 (4)	0.7 (12)	0.5 (8)	0.1 (2)	1.6 (28)
W	0.0 (0)	0.4 (7)	0.6 (11)	0.2 (4)	0.1 (2)	0.2 (3)	1.6 (27)
WNW	0.1 (1)	0.3 (5)	0.3 (5)	0.1 (2)	0.1 (1)	0.1 (1)	0.9 (15)
NW	0.1 (1)	0.2 (3)	0.1 (1)	0.2 (3)	0.1 (1)	0.0 (0)	0.5 (9)
NNW	0.1 (2)	0.2 (3)	0.1 (2)	0.2 (3)	0.2 (3)	0.3 (6)	1.1 (19)
TOTAL	0.6 (10)	2.5 (43)	3.3 (57)	3.4 (59)	1.5 (26)	1.0 (18)	12.3 (213)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 256

NUMBER OF MISSING WIND OBSERVATIONS: 43

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - B

% 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)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	0.1	(2)	0.2 (3)
NNE	0.0	(0)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.1 (1)
NE	0.0	(0)	0.1	(1)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.1 (1)
NNE	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)	0.0	(0)	0.0	(0)	0.0	(0)	0.0 (0)
SE	0.0	(0)	0.0	(0)	0.0	(0)	0.1	(2)	0.0	(0)	0.0	(0)	0.1 (2)
SSE	0.0	(0)	0.0	(0)	0.2	(3)	0.1	(2)	0.1	(2)	0.1	(2)	0.5 (9)
S	0.0	(0)	0.0	(0)	0.1	(2)	0.0	(0)	0.0	(0)	0.0	(0)	0.1 (2)
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)	0.1	(1)	0.0	(0)	0.0	(0)	0.1 (2)
WSW	0.0	(0)	0.0	(0)	0.1	(2)	0.3	(5)	0.3	(5)	0.1	(2)	0.8 (14)
W	0.0	(0)	0.2	(3)	0.2	(4)	0.1	(2)	0.1	(1)	0.1	(2)	0.7 (12)
WNW	0.0	(0)	0.0	(0)	0.1	(2)	0.1	(1)	0.0	(0)	0.1	(1)	0.2 (4)
NW	0.0	(0)	0.1	(2)	0.0	(0)	0.1	(2)	0.1	(2)	0.1	(1)	0.4 (7)
NNW	0.0	(0)	0.0	(0)	0.0	(0)	0.1	(1)	0.0	(0)	0.1	(1)	0.1 (2)
TOTAL	0.1	(2)	0.5	(8)	0.8	(13)	0.9	(16)	0.6	(10)	0.6	(11)	3.5 (60)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 69

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 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - C

% 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	0.1	(1)	0.0	(0)	0.0	(0)	0.1	(1)	0.0	(0)	0.0	(0)	0.1	(2)
NNE	0.1	(1)	0.1	(2)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.2	(3)
NE	0.0	(0)	0.1	(1)	0.0	(0)	0.0	(0)	0.1	(1)	0.0	(0)	0.1	(2)
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)	0.0	(0)	0.0	(0)	0.0	(0)	0.0	(0)	0.1	(1)
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)	0.0	(0)	0.0	(0)	0.0	(0)	0.1	(1)	0.1	(1)
SSE	0.0	(0)	0.0	(0)	0.1	(1)	0.2	(4)	0.0	(0)	0.0	(0)	0.3	(5)
S	0.0	(0)	0.1	(1)	0.1	(1)	0.0	(0)	0.1	(1)	0.0	(0)	0.2	(3)
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)	0.1	(1)	0.0	(0)	0.1	(1)	0.1	(2)	0.0	(0)	0.2	(4)
WSW	0.0	(0)	0.0	(0)	0.1	(2)	0.5	(8)	0.2	(4)	0.3	(6)	1.2	(20)
W	0.0	(0)	0.0	(0)	0.1	(2)	0.2	(3)	0.5	(8)	0.9	(16)	1.7	(29)
WNW	0.0	(0)	0.0	(0)	0.1	(2)	0.0	(0)	0.1	(1)	0.2	(3)	0.3	(6)
NW	0.1	(1)	0.0	(0)	0.0	(0)	0.1	(1)	0.1	(2)	0.0	(0)	0.2	(4)
NNW	0.0	(0)	0.1	(1)	0.0	(0)	0.1	(1)	0.0	(0)	0.1	(1)	0.2	(3)
TOTAL	0.2	(3)	0.4	(7)	0.5	(8)	1.1	(19)	1.1	(19)	1.6	(27)	4.8	(83)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 93

NUMBER OF MISSING WIND OBSERVATIONS: 10

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - D

% 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)	0.2 (3)	0.1 (1)	0.3 (5)	0.1 (2)	0.6 (11)
NNE	0.1 (2)	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.3 (5)
NE	0.1 (2)	0.1 (1)	0.3 (5)	0.1 (2)	0.1 (1)	0.0 (0)	0.6 (11)
ENE	0.0 (0)	0.1 (1)	0.2 (4)	0.1 (1)	0.2 (4)	0.0 (0)	0.6 (10)
E	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.2 (3)
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 (2)	0.4 (7)	1.0 (17)	0.3 (6)	0.2 (3)	2.0 (35)
SSE	0.1 (2)	0.2 (4)	0.4 (7)	0.4 (7)	0.4 (7)	0.2 (3)	1.7 (30)
S	0.0 (0)	0.1 (1)	0.3 (6)	0.3 (6)	0.3 (5)	0.1 (1)	1.1 (19)
SSW	0.1 (2)	0.0 (0)	0.3 (6)	0.2 (4)	0.1 (1)	0.0 (0)	0.8 (13)
SW	0.1 (2)	0.1 (2)	0.4 (7)	0.5 (8)	0.5 (9)	0.1 (2)	1.7 (30)
WSW	0.1 (2)	0.2 (4)	1.9 (33)	2.8 (48)	2.3 (40)	1.7 (30)	9.1 (157)
W	0.1 (1)	0.3 (6)	1.0 (18)	1.7 (29)	1.9 (33)	2.4 (41)	7.4 (128)
WNW	0.0 (0)	0.2 (4)	0.3 (6)	0.1 (2)	0.2 (3)	0.3 (6)	1.2 (21)
NW	0.1 (1)	0.0 (0)	0.2 (3)	0.2 (3)	0.0 (0)	0.1 (1)	0.5 (8)
NNW	0.1 (2)	0.2 (3)	0.1 (2)	0.0 (0)	0.1 (1)	0.0 (0)	0.5 (8)
TOTAL	0.9 (16)	1.7 (29)	6.4 (110)	7.5 (130)	6.7 (116)	5.1 (89)	28.3 (490)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 595

NUMBER OF MISSING WIND OBSERVATIONS: 105

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - E

% 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	0.1	(1)	0.2	(4)	0.2	(4)	0.1	(2)	0.2	(4)	0.0	(0)	0.9	(15)
NNE	0.0	(0)	0.1	(2)	0.0	(0)	0.2	(4)	0.2	(3)	0.1	(2)	0.6	(11)
NE	0.1	(1)	0.0	(0)	0.1	(2)	0.4	(7)	0.1	(2)	0.2	(3)	0.9	(15)
ENE	0.1	(1)	0.2	(3)	0.3	(5)	0.0	(0)	0.1	(1)	0.0	(0)	0.6	(10)
E	0.1	(2)	0.1	(1)	0.2	(3)	0.0	(0)	0.0	(0)	0.0	(0)	0.3	(6)
ESE	0.0	(0)	0.0	(0)	0.1	(2)	0.6	(10)	0.1	(2)	0.1	(2)	0.9	(16)
SE	0.0	(0)	0.1	(2)	0.4	(7)	1.3	(23)	0.5	(9)	0.1	(1)	2.4	(42)
SSE	0.0	(0)	0.2	(3)	0.6	(11)	2.0	(35)	0.7	(12)	0.3	(5)	3.8	(66)
S	0.0	(0)	0.3	(6)	0.5	(8)	2.4	(41)	0.8	(14)	0.2	(4)	4.2	(73)
SSW	0.2	(4)	0.2	(4)	0.3	(5)	0.9	(15)	0.1	(1)	0.1	(1)	1.7	(30)
SW	0.1	(1)	0.4	(7)	0.9	(16)	1.3	(23)	0.3	(5)	0.1	(1)	3.1	(53)
WSW	0.1	(1)	0.4	(7)	1.7	(30)	2.1	(37)	0.8	(13)	0.5	(9)	5.6	(97)
W	0.4	(7)	0.6	(11)	0.5	(8)	0.7	(12)	0.8	(14)	0.6	(14)	3.8	(66)
WNW	0.2	(4)	0.2	(3)	0.1	(1)	0.1	(2)	0.1	(1)	0.2	(4)	0.9	(15)
NW	0.1	(1)	0.1	(2)	0.0	(0)	0.1	(1)	0.1	(1)	0.1	(1)	0.3	(6)
NNW	0.1	(2)	0.2	(3)	0.1	(1)	0.1	(2)	0.2	(3)	0.0	(0)	0.6	(11)
TOTAL	1.4	(25)	3.4	(58)	6.0	(103)	12.4	(214)	4.9	(85)	2.7	(47)	30.7	(532)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 660

NUMBER OF MISSING WIND OBSERVATIONS: 129

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

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)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (3)
NNE	0.1 (1)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.2 (4)
NE	0.2 (3)	0.0 (0)	0.1 (1)	0.3 (5)	0.1 (1)	0.0 (0)	0.6 (10)
ENE	0.1 (1)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
E	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
ESE	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.2 (4)
SE	0.0 (0)	0.0 (0)	0.1 (1)	0.3 (5)	0.1 (1)	0.0 (0)	0.4 (7)
SSE	0.0 (0)	0.1 (1)	0.2 (3)	0.5 (9)	0.1 (1)	0.0 (0)	0.8 (14)
S	0.1 (1)	0.0 (0)	0.2 (4)	0.6 (10)	0.2 (4)	0.0 (0)	1.1 (19)
SSW	0.0 (0)	0.4 (7)	0.2 (4)	0.2 (3)	0.0 (0)	0.0 (0)	0.8 (14)
SW	0.1 (2)	0.3 (6)	0.6 (11)	0.6 (10)	0.1 (1)	0.0 (0)	1.7 (30)
WSW	0.1 (1)	0.3 (6)	0.6 (11)	0.1 (2)	0.2 (4)	0.3 (6)	1.7 (30)
W	0.1 (1)	0.2 (4)	0.0 (0)	0.2 (3)	0.3 (6)	0.3 (6)	1.2 (20)
WNW	0.1 (1)	0.2 (3)	0.1 (2)	0.0 (0)	0.1 (1)	0.1 (1)	0.5 (8)
NW	0.0 (0)	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.3 (6)
NNW	0.1 (1)	0.1 (2)	0.2 (3)	0.1 (1)	0.1 (2)	0.1 (1)	0.6 (10)
TOTAL	0.8 (14)	2.0 (34)	2.5 (44)	3.1 (54)	1.2 (21)	1.0 (17)	10.6 (184)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 230

NUMBER OF MISSING WIND OBSERVATIONS: 46

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

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
M	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NNE	0.0 (0)	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.1 (1)	0.4 (7)
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)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (3)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
ESE	0.0 (0)	0.1 (1)	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.3 (6)
SE	0.0 (0)	0.0 (0)	0.2 (3)	0.1 (2)	0.1 (1)	0.0 (0)	0.3 (6)
SSE	0.0 (0)	0.2 (3)	0.3 (6)	0.2 (4)	0.1 (2)	0.0 (0)	0.9 (15)
S	0.1 (2)	0.2 (4)	0.3 (5)	0.5 (8)	0.0 (0)	0.0 (0)	1.1 (19)
SSW	0.2 (3)	0.2 (3)	0.8 (13)	0.2 (3)	0.0 (0)	0.0 (0)	1.3 (22)
SW	0.0 (0)	0.5 (8)	1.2 (21)	0.4 (7)	0.0 (0)	0.0 (0)	2.1 (36)
WSW	0.0 (0)	0.3 (6)	0.5 (9)	0.2 (3)	0.0 (0)	0.1 (2)	1.2 (20)
W	0.2 (4)	0.4 (7)	0.2 (4)	0.0 (0)	0.1 (1)	0.0 (0)	0.9 (16)
WNW	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NW	0.1 (2)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.3 (6)
NNW	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.3 (6)
TOTAL	0.9 (15)	2.6 (45)	3.9 (68)	1.8 (31)	0.3 (5)	0.3 (5)	9.8 (169)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 225

NUMBER OF MISSING WIND OBSERVATIONS: 56

NUMBER OF CALM HOURS: 4

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - ALL

% 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	0.2 (4)	0.7 (12)	0.7 (12)	0.3 (5)	0.7 (12)	0.3 (5)	2.9 (50)
NNE	0.3 (5)	0.9 (15)	0.3 (6)	0.4 (7)	0.3 (5)	0.3 (6)	2.5 (41)
NE	0.4 (7)	0.6 (10)	0.6 (11)	0.8 (14)	0.3 (5)	0.3 (5)	3.0 (52)
ENE	0.2 (4)	0.2 (4)	0.7 (12)	0.2 (4)	0.3 (5)	0.0 (0)	1.7 (29)
E	0.2 (4)	0.2 (3)	0.3 (5)	0.2 (3)	0.1 (1)	0.0 (0)	0.9 (16)
ESE	0.0 (0)	0.2 (3)	0.5 (8)	0.8 (14)	0.1 (2)	0.1 (2)	1.7 (29)
SE	0.0 (0)	0.3 (6)	1.4 (24)	3.3 (57)	1.0 (18)	0.3 (6)	6.4 (111)
SSE	0.2 (3)	0.8 (14)	2.3 (39)	4.3 (75)	1.5 (26)	0.6 (11)	9.7 (168)
S	0.2 (3)	0.7 (12)	1.8 (31)	4.2 (72)	1.4 (25)	0.3 (5)	8.5 (148)
SSW	0.5 (9)	0.8 (14)	1.7 (30)	1.6 (27)	0.1 (2)	0.1 (1)	4.8 (83)
SW	0.3 (6)	1.4 (24)	3.2 (56)	3.0 (52)	1.1 (19)	0.2 (3)	9.2 (160)
WSW	0.3 (5)	1.4 (24)	5.3 (91)	6.6 (115)	4.3 (74)	3.3 (57)	21.1 (366)
W	0.8 (13)	2.2 (38)	2.7 (47)	3.1 (53)	3.8 (65)	4.7 (82)	17.2 (298)
WNW	0.5 (8)	0.9 (16)	1.0 (18)	0.4 (7)	0.4 (7)	0.9 (16)	4.2 (72)
NW	0.3 (6)	0.8 (14)	0.3 (5)	0.6 (10)	0.3 (6)	0.3 (5)	2.7 (46)
NNW	0.5 (8)	0.9 (15)	0.5 (8)	0.5 (8)	0.6 (10)	0.6 (10)	3.4 (59)
TOTAL	4.9 (85)	12.9 (224)	23.3 (403)	30.2 (523)	16.3 (282)	12.4 (214)	100.0 (1731)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2128

NUMBER OF MISSING WIND OBSERVATIONS: 397

NUMBER OF CALM HOURS: 8

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

----- 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	0.2 (4)	0.8 (14)	0.7 (12)	0.4 (7)	0.7 (12)	0.3 (5)	3.0 (54)
NNE	0.3 (5)	0.8 (15)	0.4 (7)	0.4 (7)	0.3 (5)	0.3 (6)	2.5 (45)
NE	0.4 (7)	0.7 (12)	0.6 (11)	0.8 (14)	0.3 (5)	0.3 (5)	3.0 (54)
ENE	0.2 (4)	0.2 (4)	0.7 (12)	0.2 (4)	0.3 (5)	0.0 (0)	1.6 (29)
E	0.2 (4)	0.2 (4)	0.3 (5)	0.2 (3)	0.1 (1)	0.0 (0)	1.0 (17)
ESE	0.0 (0)	0.2 (3)	0.4 (8)	0.8 (14)	0.1 (2)	0.1 (2)	1.6 (29)
SE	0.0 (0)	0.3 (6)	1.3 (24)	3.3 (59)	1.0 (18)	0.3 (6)	6.4 (113)
SSE	0.2 (3)	0.8 (14)	2.2 (39)	4.3 (77)	1.5 (26)	0.6 (11)	9.6 (170)
S	0.2 (3)	0.7 (12)	1.8 (32)	4.2 (74)	1.4 (25)	0.3 (5)	8.5 (151)
SSW	0.5 (9)	0.8 (14)	1.7 (30)	1.5 (27)	0.1 (2)	0.1 (1)	4.7 (83)
SW	0.3 (6)	1.3 (24)	3.1 (56)	3.0 (53)	1.1 (19)	0.2 (3)	9.1 (161)
WSW	0.3 (5)	1.3 (24)	5.1 (91)	6.5 (115)	4.2 (74)	3.2 (57)	20.6 (366)
W	0.7 (13)	2.3 (41)	2.9 (51)	3.0 (53)	3.7 (65)	4.6 (82)	17.2 (305)
WNW	0.4 (8)	1.0 (17)	1.0 (18)	0.4 (7)	0.4 (7)	0.9 (16)	4.1 (73)
NW	0.4 (7)	1.0 (18)	0.5 (9)	0.6 (10)	0.4 (7)	0.3 (5)	3.1 (56)
NNW	0.5 (9)	1.0 (18)	0.8 (14)	0.6 (11)	0.6 (10)	0.6 (10)	4.0 (72)
TOTAL	4.9 (87)	13.5 (240)	23.6 (419)	30.1 (535)	15.9 (283)	12.0 (214)	100.0 (1778)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2184

NUMBER OF MISSING WIND OBSERVATIONS: 406

NUMBER OF CALM HOURS: 8

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

-----JG120X

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 (?)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - A

% 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	0.6 (10)	0.4 (8)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	1.2 (21)
NNE	0.3 (5)	0.3 (6)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (12)
NE	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
ENE	0.4 (7)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (9)
E	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
ESE	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
SE	0.1 (1)	0.2 (4)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.5 (9)
SSE	0.1 (1)	0.4 (8)	0.6 (10)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (19)
S	0.0 (0)	0.5 (9)	0.8 (14)	0.1 (1)	0.0 (0)	0.0 (0)	1.3 (24)
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)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.4 (7)	1.3 (24)	0.4 (7)	0.0 (0)	0.0 (0)	2.1 (38)
W	0.1 (2)	0.6 (11)	0.8 (14)	0.5 (9)	0.1 (2)	0.1 (2)	2.2 (40)
WNW	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NW	0.2 (4)	0.4 (8)	0.3 (5)	0.1 (1)	0.1 (1)	0.0 (0)	1.1 (19)
NNW	0.3 (5)	0.4 (8)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.9 (16)
TOTAL	2.6 (46)	4.3 (77)	4.3 (77)	1.1 (20)	0.2 (3)	0.1 (2)	12.6 (225)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 256

NUMBER OF MISSING WIND OBSERVATIONS: 31

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - B

% 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	0.1 (2)	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
NNE	0.1 (1)	0.1 (2)	0.0 (0)	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)	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	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
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)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SSE	0.0 (0)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
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)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.1 (1)	0.1 (1)	0.6 (10)	0.1 (2)	0.1 (1)	0.0 (0)	0.8 (15)
W	0.0 (0)	0.2 (3)	0.2 (3)	0.4 (7)	0.1 (1)	0.0 (0)	0.8 (14)
WNW	0.1 (2)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NW	0.1 (1)	0.0 (0)	0.1 (1)	0.2 (4)	0.1 (1)	0.0 (0)	0.4 (7)
NNW	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
TOTAL	0.5 (9)	0.8 (14)	1.2 (22)	0.8 (14)	0.2 (3)	0.0 (0)	3.5 (62)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 69

NUMBER OF MISSING WIND OBSERVATIONS: 7

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - C

% 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	0.1 (1)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NNE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
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)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
E	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
ESE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
SE	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
SSE	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
S	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
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)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WSW	0.0 (0)	0.1 (1)	0.6 (10)	0.3 (5)	0.2 (3)	0.0 (0)	1.1 (19)
W	0.0 (0)	0.2 (3)	0.2 (4)	0.3 (6)	0.4 (7)	0.3 (6)	1.5 (26)
WNW	0.1 (1)	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.1 (1)	0.3 (5)
NW	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.2 (3)
NNW	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
TOTAL	0.5 (9)	0.8 (15)	1.1 (19)	0.7 (12)	0.7 (12)	0.4 (7)	4.1 (74)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 93

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 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - D

% 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	0.1 (2)	0.3 (6)	0.6 (10)	0.0 (0)	0.0 (0)	0.0 (0)	1.0 (18)
NNE	0.3 (5)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (10)
NE	0.3 (6)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (9)
ENE	0.3 (6)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (9)
E	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
ESE	0.0 (0)	0.3 (6)	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.7 (12)
SE	0.2 (3)	1.2 (21)	1.0 (18)	0.1 (1)	0.0 (0)	0.0 (0)	2.4 (43)
SSE	0.3 (5)	0.5 (9)	0.3 (6)	0.2 (3)	0.0 (0)	0.0 (0)	1.3 (23)
S	0.2 (3)	0.6 (10)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	1.0 (18)
SSW	0.1 (1)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
SW	0.1 (2)	0.3 (6)	0.3 (5)	0.1 (1)	0.0 (0)	0.0 (0)	0.8 (14)
WSW	0.6 (10)	2.0 (36)	4.9 (87)	2.6 (47)	0.3 (6)	0.1 (2)	10.5 (188)
W	0.4 (7)	0.8 (15)	1.3 (23)	2.4 (43)	0.8 (14)	0.7 (13)	6.4 (115)
WNW	0.2 (3)	0.2 (4)	0.3 (6)	0.3 (6)	0.2 (3)	0.2 (3)	1.4 (25)
NW	0.1 (2)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NNW	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
TOTAL	3.3 (59)	7.3 (131)	9.2 (165)	5.7 (103)	1.3 (23)	1.0 (18)	27.8 (499)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 595

NUMBER OF MISSING WIND OBSERVATIONS: 96

NUMBER OF CALM HOURS: 3

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - E

% 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	0.4 (8)	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (15)
NNE	0.3 (5)	0.5 (9)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (15)
NE	0.6 (10)	0.6 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (20)
ENE	0.3 (5)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (8)
E	1.3 (23)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.5 (26)
ESE	0.3 (5)	0.7 (12)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	1.2 (21)
SE	0.4 (8)	1.8 (32)	0.6 (10)	0.0 (0)	0.0 (0)	0.0 (0)	2.8 (50)
SSE	0.3 (6)	1.7 (31)	0.6 (11)	0.2 (3)	0.1 (1)	0.0 (0)	2.9 (52)
S	0.6 (10)	1.7 (30)	0.7 (12)	0.1 (2)	0.1 (1)	0.0 (0)	3.1 (55)
SSW	0.4 (7)	0.9 (17)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	1.8 (32)
SW	0.6 (11)	2.1 (37)	0.4 (8)	0.1 (2)	0.0 (0)	0.1 (1)	3.3 (59)
WSW	0.5 (9)	1.6 (28)	3.5 (63)	0.7 (12)	0.2 (3)	0.0 (0)	6.4 (115)
W	0.4 (8)	0.8 (14)	0.8 (15)	0.6 (11)	0.0 (0)	0.0 (0)	2.7 (48)
WNW	0.3 (5)	0.1 (2)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.5 (9)
NW	0.2 (4)	0.3 (5)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (11)
NNW	0.2 (3)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
TOTAL	7.1 (127)	15.6 (243)	7.5 (134)	1.8 (32)	0.3 (5)	0.1 (1)	30.2 (542)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 660

NUMBER OF MISSING WIND OBSERVATIONS: 118

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - F

% 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	0.3 (5)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
NNE	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
NE	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
ENE	0.5 (9)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (10)
E	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
ESE	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
SE	0.3 (6)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (12)
SSE	0.6 (11)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (19)
S	0.8 (15)	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.2 (22)
SSH	0.6 (11)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (19)
SW	0.3 (6)	0.6 (10)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (17)
WSW	0.4 (8)	0.2 (3)	0.5 (9)	0.1 (1)	0.0 (0)	0.0 (0)	1.2 (21)
W	0.3 (6)	0.4 (8)	0.2 (3)	0.4 (7)	0.1 (2)	0.0 (0)	1.5 (26)
WW	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NW	0.1 (1)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
NNW	0.2 (4)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
TOTAL	5.7 (102)	3.5 (63)	0.8 (15)	0.4 (8)	0.1 (2)	0.0 (0)	10.6 (190)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 230

NUMBER OF MISSING WIND OBSERVATIONS: 40

NUMBER OF CALM HOURS: 8

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

JG120*

STABILITY CLASS - G

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

DIR	00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NE	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
ENE	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
E	0.6 (11)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (11)
ESE	1.2 (21)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.3 (23)
SE	1.9 (34)	0.6 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.5 (44)
SSE	1.6 (28)	0.8 (14)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.3 (42)
S	1.4 (25)	0.8 (14)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.2 (39)
SSW	0.6 (11)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (13)
SW	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
WSW	0.2 (3)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
W	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NW	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
NNW	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
TOTAL	8.3 (148)	2.7 (49)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	11.2 (200)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 225

NUMBER OF MISSING WIND OBSERVATIONS: 25

NUMBER OF CALM HOURS: 12

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

----- JG120

STABILITY CLASS - ALL

% 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	1.7 (30)	1.3 (23)	1.0 (18)	0.0 (0)	0.0 (0)	0.0 (0)	4.0 (71)
NNE	1.1 (20)	1.3 (24)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	2.6 (46)
NE	1.5 (26)	0.9 (17)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.4 (43)
ENE	1.8 (32)	0.6 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.3 (42)
E	2.8 (51)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	3.0 (54)
ESE	1.7 (30)	1.2 (22)	0.5 (9)	0.1 (2)	0.0 (0)	0.0 (0)	3.5 (63)
SE	3.0 (53)	4.3 (77)	1.7 (31)	0.1 (2)	0.0 (0)	0.0 (0)	9.1 (163)
SSE	2.8 (51)	4.2 (76)	1.6 (29)	0.3 (6)	0.1 (1)	0.0 (0)	9.1 (163)
S	3.0 (53)	4.0 (72)	1.8 (33)	0.2 (3)	0.1 (1)	0.0 (0)	9.0 (162)
SSW	1.7 (30)	2.1 (37)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	4.2 (75)
SW	1.3 (23)	3.1 (56)	0.8 (14)	0.2 (3)	0.0 (0)	0.1 (1)	5.4 (97)
WSW	1.7 (31)	4.3 (77)	11.4 (205)	4.1 (74)	0.7 (13)	0.1 (2)	22.4 (402)
W	1.4 (25)	3.1 (55)	3.5 (62)	4.6 (83)	1.5 (26)	1.2 (21)	15.2 (272)
WNW	0.9 (16)	0.5 (9)	0.5 (9)	0.5 (9)	0.2 (3)	0.2 (4)	2.8 (50)
NW	0.7 (13)	1.0 (18)	0.7 (12)	0.3 (5)	0.2 (4)	0.0 (0)	2.9 (52)
NNW	0.9 (16)	0.9 (16)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	2.1 (37)
TOTAL	27.9 (500)	33.0 (592)	24.3 (435)	10.5 (189)	2.7 (48)	1.6 (28)	100.0 (1792)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2128

NUMBER OF MISSING WIND OBSERVATIONS: 336

NUMBER OF CALM HOURS: 28

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR APR 1 1981 THROUGH JUNE 30 1981

----- JG120*

% 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	1.8 (34)	1.6 (30)	1.0 (18)	0.0 (0)	0.0 (0)	0.0 (0)	4.4 (32)
NNE	1.2 (22)	1.4 (25)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	2.7 (49)
NE	1.5 (27)	0.9 (17)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.4 (44)
ENE	1.8 (33)	0.6 (11)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.4 (44)
E	2.8 (51)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.9 (54)
ESE	1.7 (32)	1.2 (22)	0.5 (9)	0.1 (2)	0.0 (0)	0.0 (0)	3.5 (65)
SE	2.9 (54)	4.2 (77)	1.7 (32)	0.1 (2)	0.0 (0)	0.0 (0)	8.9 (165)
SSE	2.8 (51)	4.1 (76)	1.7 (32)	0.3 (6)	0.1 (1)	0.0 (0)	9.0 (166)
S	2.9 (54)	3.9 (72)	2.0 (36)	0.2 (3)	0.1 (1)	0.0 (0)	9.0 (166)
SSW	1.6 (30)	2.0 (37)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	4.1 (75)
SW	1.2 (23)	5.0 (56)	0.8 (14)	0.2 (3)	0.0 (0)	0.1 (1)	5.3 (97)
WSW	1.7 (32)	4.2 (78)	11.1 (205)	4.0 (74)	0.7 (13)	0.1 (2)	21.9 (404)
W	1.6 (29)	3.1 (57)	3.4 (62)	4.5 (83)	1.4 (26)	1.1 (21)	15.1 (278)
WNW	1.0 (18)	0.5 (10)	0.5 (9)	0.5 (9)	0.2 (3)	0.2 (4)	2.9 (53)
NW	1.0 (19)	1.1 (20)	0.7 (12)	0.3 (5)	0.2 (4)	0.0 (0)	3.3 (60)
NNW	1.1 (20)	1.0 (18)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	2.3 (43)
TOTAL	28.7 (529)	33.0 (609)	24.0 (442)	10.2 (189)	2.6 (48)	1.5 (28)	100.0 (1845)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2184

NUMBER OF MISSING WIND OBSERVATIONS: 339

NUMBER OF CALM HOURS: 29

OSWEGO
NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG1

NINE MILE UPPER (9)		TEMPERATURE DIFFERENCE (DEG F (TDFU))																		DATA FOR JANUARY					1981
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	2.5	5.0	5.7	4.2	3.3	3.0	3.5	3.3	.8	-.6	-1.8	-1.3	-2.4	-2.8	-2.5	-1.2	-.7	-.5	-.7	-.3	-.3	.3	.3	.0	.7
02	.1	.0	.0	-1.0	-1.3	-1.2	-.8	-1.2	-1.4	-1.5	-1.9	-1.8	-1.8	-2.1	-2.2	-2.4	-2.4	-2.5	-2.1	-2.3	-2.1	-2.0	1.5	1.6	-1.3
03	-1.6	-1.6	-1.2	-1.1	-.5	-.1	.2	2.4	1.5	.1	-1.2	-3.5	****	****	-2.9	-2.2	-1.2	-.9	-1.6	-1.9	-1.9	-1.8	1.5	.8	-.9
04	-1.1	-1.7	-2.1	-1.6	-1.0	-1.2	-1.3	-1.6	-2.0	-1.5	-1.5	-2.4	-2.6	-2.3	-2.3	-2.3	-2.1	-1.7	-1.5	-1.6	-1.1	-1.5	1.2	1.2	-1.5
05	-1.3	-1.2	-1.5	-1.2	-1.2	-1.1	-1.1	-.5	-1.0	-1.1	-2.0	-1.9	-2.0	-2.8	-2.3	-1.5	-.7	-.3	-.7	-.5	.2	.6	.3	.6	-1.0
06	-.7	-.6	-.5	-.3	-.1	-.3	-.2	-.2	-.2	-.4	-.5	-.8	-.8	-.9	-1.0	-.7	-.6	-.4	-.4	-.3	.0	.1	.1	.3	-.4
07	-.3	-.2	-.1	-.2	-.3	-.2	-.5	-.5	-.2	.0	-.7	-.5	-.7	-.5	-.5	-1.2	-1.0	-.9	-1.0	-1.5	-1.8	-1.2	1.3	1.3	-.5
08	-1.6	-1.5	-1.6	-1.5	-1.3	-1.2	-1.0	-1.2	-1.3	-1.3	-1.5	-1.3	-1.4	-1.3	-1.5	-1.1	-.7	-.4	-.6	-.1	-.9	.7	.4	.3	-1.0
09	-.2	-.3	.5	1.7	2.8	3.1	2.6	1.0	.1	-.4	1.1	-1.7	-1.8	-1.3	.1	-.3	.4	2.9	3.0	2.7	2.4	3.3	2.1	1.8	1.0
10	1.7	1.7	1.3	1.2	.0	.6	1.3	1.0	1.0	.3	.2	.5	.4	.5	.1	-.1	.2	.0	.1	-.1	.4	.0	.2	.7	.6
11	-.6	.0	-.3	-.1	.1	.2	.6	.0	2.1	1.8	-.2	-.9	-.5	-.2	.1	.4	.6	.9	.4	.2	.2	.3	.5	.3	.2
12	-.4	-1.2	-.6	.1	1.3	1.1	.3	.4	2.2	.3	-2.1	-3.5	****	****	-3.0	-2.9	-2.4	.6	1.1	.6	.4	.1	.2	.1	-.3
13	-.1	.0	.5	.6	1.2	.8	1.7	3.9	4.8	.0	-2.2	-3.2	****	****	-3.1	-1.6	-1.0	.4	.5	2.2	3.6	3.7	2.6	2.1	.8
14	2.2	1.3	.9	1.4	.6	-.3	.0	.2	-.2	-.9	-1.3	-1.6	-2.1	-2.7	-2.4	-1.6	-.8	.3	.4	.0	1.8	3.7	4.9	5.9	.4
15	6.4	6.7	6.6	4.5	2.7	4.6	4.8	3.5	.8	-.5	-1.2	-2.0	-1.9	-1.9	-1.8	-1.2	-.5	-.3	-.6	-.4	-.5	.3	.0	.4	1.2
16	.4	-.1	-.3	-.2	.0	-.2	-.2	.0	-.3	-.5	-.6	-1.2	-1.5	-1.9	-1.3	-1.3	-1.1	-1.1	-1.1	-1.2	-.8	.9	.7	.7	-.5
17	-.9	-1.0	-1.2	-1.1	-1.2	-1.1	-1.0	-1.1	-1.2	-1.8	-3.0	-2.5	-2.3	-2.1	-2.1	-1.5	-.9	-.8	-.5	-.2	.4	2.1	5.5	5.1	-.6
18	4.3	3.9	3.5	3.0	2.5	-.8	-.2	-.2	-.3	-.3	-.5	.1	-.7	-.6	-.3	-.4	-.6	-.6	-.9	-.6	-.5	.4	.2	.3	.4
19	-.6	-.3	.0	-.1	-.8	-.8	-1.0	-.9	-1.1	-1.0	-.9	-.8	-.8	-.9	-1.4	-1.4	-.6	.1	.1	.3	.2	.1	.2	.2	-.5
20	-.2	-.5	-.3	-.3	-.5	-.7	-.8	-.8	-1.3	-1.9	-2.9	****	****	****	****	****	-2.8	.1	.4	.5	.2	.0	.0	.1	-.6
21	1.0	3.5	7.4	6.2	7.6	9.0	8.1	7.9	7.0	3.4	-.1	-1.4	-2.0	-3.5	-2.2	-2.2	-2.3	.4	2.7	3.1	4.4	1.4	.7	1.2	2.6
22	1.5	1.2	.4	2.4	1.8	.7	-.9	-.9	-1.0	-.8	-.6	-.5	-.5	-.6	-.2	-.4	-.4	-.2	-.2	-.5	-.6	.4	.1	.5	.0
23	-.5	-.6	-.5	-.6	-.7	-.5	-.6	-.4	-.8	-1.2	-2.4	-3.3	****	-3.0	-2.8	-1.1	-.4	-.7	-.8	-.3	.4	.1	.1	.4	-.9
24	-.3	-.2	-.3	-.1	-.1	-.4	-.8	-.3	-.3	-1.4	-2.0	-2.5	-2.6	-2.7	-2.1	-2.6	****	.6	3.2	4.0	4.6	5.7	6.6	6.2	.5
25	6.2	5.9	2.9	.9	1.1	2.5	2.4	1.6	.2	-.9	-1.9	-2.3	-2.8	****	****	-2.9	.6	.0	.0	.3	.4	.7	.5	.6	.6
26	.4	.3	.5	.4	.3	.3	-.1	.2	.0	-.3	-.1	-.6	-1.2	-1.1	-.3	1.8	-.3	1.2	.8	-.1	-.2	-.4	-.5	.0	.0
27	-.1	-.1	.0	-.2	-.1	-.2	.4	-.2	-.7	-.4	-.5	-.6	-.7	-.6	-.6	-1.0	-.9	-1.0	-1.0	-.9	-.5	-.7	-.7	-.4	-.5
28	-.5	-.8	-.7	-.6	-.5	-.4	-.3	-.1	-.5	-1.0	-2.0	-2.5	-2.4	-2.5	-2.0	-1.5	-1.2	-.7	-.5	-.4	-.8	-.9	-.4	-.6	-1.0
29	-.7	-1.0	-.7	-.5	-.1	.2	.5	.5	-.9	-1.6	-2.2	-3.1	-3.1	-3.3	-3.3	-2.6	-1.1	-.8	-.5	-.6	-.6	-.7	-.5	-.8	-1.1
30	-.8	-.8	-.7	-.9	-1.0	-.1	-1.1	-1.3	-1.2	-1.4	-1.7	-1.6	-1.7	-1.7	-1.5	-1.4	-1.1	-.9	-1.2	-1.2	-1.5	-1.1	-1.1	-.8	-1.2
31	-.8	-.8	-.9	-.8	-.5	2.3	5.1	7.0	5.9	1.2	-1.7	-2.2	-1.8	-1.2	-1.1	-1.3	-1.0	-.5	1.5	3.2	4.7	4.0	3.5	2.1	1.1

OSWEGO
NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG1

NINE MILE UPPER (9)						TEMPERATURE DIFFERENCE (DEG F (TDFU))																		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		1.0	1.1	1.1	1.0	1.0	.8	.2	.0	.0	-.3	-.7	-.8	-.6	-.3	.1	-.1	.0	-.3	-.2	.0	.1	.2	.0	-.3	.1		
02		-.1	.5	.2	.7	.4	.3	.6	.3	-.2	.0	-.2	-.4	-.9	-1.9	-2.0	-1.7	-.7	-.9	-1.1	-.9	-1.1	-1.6	-1.2	-1.4	-.6		
03		-1.4	-1.5	-1.7	-1.7	-1.6	-1.3	-1.5	-1.8	-1.7	-1.6	-.4	-1.1	-1.1	-1.0	-1.0	-.7	-.6	-.5	-.6	-.6	-.4	-.3	-.2	-.3	-1.1		
04		-.3	-.2	-.3	-.4	-.3	-.2	-.3	-.2	-.6	-1.2	-1.4	-1.8	-1.7	-.8	-.6	-.3	-.4	-.6	-.6	-1.7	-2.2	-2.0	-2.0	-1.3	-.9		
05		-1.7	-1.6	-1.4	-1.4	-1.4	-1.3	-1.3	-1.1	-1.2	-.9	-.9	-1.6	-1.5	-1.2	-1.3	-1.9	-2.0	-.4	1.8	3.7	3.8	2.0	1.3	1.1	-.4		
06		1.3	1.4	1.7	1.0	.5	.1	-.1	.0	-.7	-1.1	-1.3	-1.1	-1.8	-1.6	-1.6	-.9	-.7	-.5	-.3	-.3	-.2	-.3	-.5	-.5	-.3		
07		-.8	-.6	-.6	-.4	-.2	-.3	-.5	-.5	-.6	-1.0	-1.0	-.8	-1.0	-1.1	-.9	-.9	-.7	-1.3	-.3	.3	-.2	-.1	-.4	-.5	-.6		
08		-.5	.7	2.0	1.1	.8	.8	-.3	-.4	-.3	-1.0	-.3	-.2	-.4	-.7	-1.2	-1.0	-1.0	-1.0	-.9	-.9	-.7	-.8	-.9	-1.2	-.3		
09		-1.1	-.9	-1.1	-1.2	-1.0	-1.1	-.7	-.8	-.6	-1.0	-.8	-.8	-.3	-.2	-.5	-.4	-.5	-.7	-.1	-.4	-.5	-.3	1.0	1.0	-.5		
10		1.0	.7	.7	.9	.5	.9	1.1	.6	-.1	-.6	-.5	.1	.2	.8	1.8	.6	.2	.4	.2	.3	.7	.2	.5	.9	.5		
11		.6	.4	.0	-.1	.1	.0	.0	.2	.3	.5	.9	-.5	-.7	-.8	-.1	-.5	-.9	-1.4	-1.4	-1.7	-1.4	-1.5	-1.6	-1.8	-.5		
12		-2.0	-2.5	-2.5	-2.7	-2.8	-2.9	-3.0	-2.8	-2.8	-2.5	-2.6	-2.5	-2.8	-2.8	-2.3	-2.1	-1.5	-1.3	-1.2	-.7	-.7	-.5	-.8	-.7	-2.0		
13		-.8	-.8	-.7	.4	2.1	1.7	1.2	.6	-.8	-1.4	-1.8	-3.1	-3.2	****	-2.9	-3.0	-2.2	-1.7	1.8	3.8	4.9	4.2	2.2	1.0	.1		
14		1.3	1.6	1.0	1.2	1.2	1.1	.7	.7	-.2	-1.1	-.3	-.4	-.6	-1.2	-1.0	-1.1	-.3	.6	.8	1.0	4.7	4.9	6.1	5.6	1.1		
15		5.2	3.0	1.7	.9	.7	.4	.3	.1	.0	.2	-.1	2.1	4.5	.7	-.4	.5	.9	1.5	2.2	1.2	.9	.8	.8	.7	1.2		
16		.5	.2	.1	.0	.0	.4	.9	.7	.2	-.5	-1.5	-2.1	-2.3	-1.7	-1.0	-.9	.2	1.1	2.2	2.3	1.9	1.5	1.3	1.0	.2		
17		.7	.8	.2	.1	.2	3.2	.7	.1	.8	-.3	-.5	-.9	.1	5.7	-.8	****	-2.7	.1	2.2	6.4	7.5	5.8	3.8	2.7	1.6		
18		1.1	.9	1.0	1.1	1.2	1.2	1.2	1.4	.5	-.2	-.5	-1.3	-1.5	-2.3	-1.7	-2.1	-2.2	.0	1.8	1.8	1.6	1.7	1.9	1.2	.3		
19		2.2	1.4	.5	1.8	1.8	.9	.2	.5	.5	.7	.7	.4	-.1	-1.5	-1.9	-1.4	.7	-.1	.4	.3	.4	.4	.0	-.2	.4		
20		-.1	.0	.2	.2	.1	-.1	-.1	.3	.3	.0	-.1	2.3	5.8	7.1	7.1	7.1	6.9	5.5	5.9	3.1	4.9	2.6	2.4	1.9	2.6		
21		3.2	5.9	5.9	2.5	2.5	2.8	2.2	2.6	1.1	3.0	3.1	.5	1.0	.7	1.8	1.0	1.1	1.1	1.9	1.2	.1	.2	.0	.4	1.9		
22		.3	.7	.5	-.2	-.4	.3	.8	2.9	5.3	3.9	-1.7	-1.8	-3.5	****	****	-3.1	-2.3	-1.0	.0	-.2	-.5	-.5	-.6	-.3	-.1		
23		-.3	-.2	-.2	-.4	-.5	-.5	-.5	-.4	-.6	-.6	-.4	-1.1	-1.2	-1.0	-.3	-.1	.2	.1	-.1	-.7	-.3	-.7	-.7	-.3	-.5		
24		.1	1.6	.2	-.4	.3	.8	-.2	-.4	-.6	.0	1.3	2.0	.9	-1.6	-1.4	-3.2	-1.9	.3	-.6	.4	.7	1.0	.5	.2	.0		
25		.1	.0	-.6	-.7	-.6	-.8	-.7	-.8	-1.1	-.7	-.7	-1.1	-.8	-.6	-.6	-.3	.2	.6	.7	1.8	1.1	.6	1.0	.6	-.1		
26		.5	.4	.2	.3	-.1	-.1	-.1	-.4	-.7	-.9	-.9	-.3	-.5	-.4	-.7	-.8	-1.9	-.5	1.2	.9	.7	.8	-.2	-.2	-.1		
27		-.5	-.3	-.6	-.6	-.6	-.6	-.6	-.6	-.8	-.7	-1.1	-1.7	-2.0	-1.8	-1.6	-1.1	-.8	-.5	.7	.8	3.6	5.3	7.1	6.3	.3		
28		3.2	1.5	.7	.2	.2	.3	.2	1.1	1.3	2.2	1.6	1.2	1.0	.9	1.4	2.0	1.5	1.4	1.5	1.0	.9	.8	1.0	.9	1.2		

OSWEGO
NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)					TEMPERATURE DIFFERENCE (DEG F (TDFU))																	DATA FOR MARCH				1981
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	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	.8	.6	.9	1.1	.8	1.0	.8	1.2	.8	.8	.6	.2	.3	.2	.6	.5	.6	.7	.8	.7	.1	1.0	.7	.7	
02	.5	.3	1.0	1.4	.9	2.0	.9	.6	-.1	-.9	-.8	-.7	-1.1	-.9	-1.3	-1.7	-1.2	-1.2	-.9	1.0	-1.4	-1.4	-1.5	-1.4	-.3	
03	-1.5	-1.5	-1.5	-1.9	-1.6	-1.6	-1.6	-1.4	-1.6	-1.5	-1.8	-1.8	-1.1	-.7	-.4	-1.9	-1.2	-1.0	-1.1	-.9	-.5	-.7	-.6	-.8	-1.3	
04	-.5	-.8	-.5	-.6	-.1	.8	-.7	-1.1	-1.7	-1.7	-1.9	-2.1	-2.8	-2.4	-2.1	-2.1	-1.5	-.4	-.1	-.2	-.6	-.3	-.5	-.4	-1.0	
05	-.2	.4	-.1	-.3	.1	.7	1.0	.1	-1.3	-1.4	-2.7	****	****	****	****	****	-3.4	-2.0	-.3	-.2	.0	-.1	-.5	-.6	-.6	
06	-.5	.0	-.3	-.9	-1.0	-.8	-.7	-1.1	-1.7	-2.2	-2.2	-1.8	-1.5	-1.1	-1.5	-1.3	-1.1	-1.0	-.9	-1.0	-1.2	-1.1	-1.3	-1.1	-1.1	
07	-1.1	-1.0	-1.2	-1.2	-.9	-1.0	-1.2	-1.0	-1.0	-1.1	-1.0	-.9	-1.0	-1.1	-1.1	-.8	-.5	-.8	-.9	-.7	-.5	-.7	-.1	.3	-.9	
08	.1	-.1	.4	-.1	.1	.5	.1	-.4	-.5	-.7	-.7	-1.1	-1.7	-1.5	-1.3	-1.4	-1.0	-.8	-.6	-.6	-.5	-.7	-.7	-.6	-.6	
09	-.7	-1.0	-.9	-.7	-.6	-.5	-.7	-.5	-.6	-1.2	-1.2	-.9	-1.1	-1.3	-1.3	-1.2	-1.0	-1.0	-1.0	-.5	-.3	-.5	-.7	-.4	-.8	
10	-.4	-.5	-.6	-.9	-.8	-.9	-.8	-.9	-1.2	-1.0	-.8	-1.2	-1.5	-.9	-.7	-.8	-.9	-.9	-.7	-.8	-.7	-.8	-.6	-.8	-.8	
11	-.8	-1.0	-.8	-1.0	-1.0	-1.1	-1.3	-1.3	-1.1	-1.8	-2.9	-3.2	-3.1	-2.2	-2.0	-1.7	-1.0	-1.0	-1.2	-1.1	-1.0	-1.1	-1.2	-1.2	-1.5	
12	-.8	-.8	-1.0	-1.4	-1.7	-1.1	-1.7	-1.8	-1.7	-1.7	-1.7	-2.3	-3.0	-2.1	-1.8	-1.4	-.9	-.2	-.1	2.1	1.4	1.4	1.6	.8	-.8	
13	.1	1.0	1.2	.0	-.4	-.4	-.8	-.8	-.7	-.4	-.5	-1.1	-1.0	-1.1	-.8	-1.1	-1.0	-1.4	-1.2	-1.4	-1.3	-1.5	-1.7	-1.5	-.7	
14	-1.5	-.9	-1.6	-1.7	-1.4	-1.0	-1.5	-1.8	-2.0	-2.4	-2.2	-2.2	-1.9	-1.6	-1.3	-1.0	-1.0	-.8	-.9	-.5	-.3	-.4	.1	-.4	-1.3	
15	-.2	.2	-.3	-.1	-.2	-.5	-.2	-.3	-.6	-.5	-.4	2.0	-.7	3.1	2.3	2.0	1.0	.8	.9	2.6	1.2	.8	3.0	1.1	.7	
16	-.1	-.1	-.2	-1.2	-1.5	-1.8	-2.4	-2.4	-1.9	3.1	-3.2	-3.4	****	-3.5	-2.3	-2.2	-1.5	-1.1	-1.5	-1.9	-1.4	-1.4	-1.6	-1.4	-1.8	
17	-1.3	-1.1	-.7	-.5	.7	.7	.2	-.4	-1.6	-1.8	-1.6	-1.8	-1.3	-1.5	-1.5	-1.6	-1.8	-1.9	-1.9	-2.1	-1.9	-2.0	-2.0	-2.0	-1.3	
18	-1.8	-1.5	-1.2	-1.2	-1.4	-1.4	-1.2	-1.3	-1.4	-1.1	-1.3	-1.2	-1.0	-.9	-.9	-.6	.0	.5	.1	-.1	-.2	-.3	-.3	-.2	-.8	
19	-.2	-.3	-.2	-.1	-.3	-.4	-.1	-.1	-.5	-.9	-.9	-1.5	-1.4	-1.1	-.4	-.4	-.5	-.7	-.4	-.4	-.6	-.4	-.2	-.1	-.5	
20	-.1	.0	-.1	.0	-.2	-.3	-.1	-.4	-1.5	-1.9	-2.8	-3.4	-3.3	-2.8	-3.1	****	****	-2.5	.0	.4	.8	.3	.0	.4	-.9	
21	.5	-.4	-.9	-.1	.1	-.4	-.9	-1.2	-1.4	-1.5	-1.3	-1.9	-2.0	-1.7	-1.1	-.9	-.7	-.5	-.2	-.1	-.1	-.4	-.4	-.3	-.7	
22	-.3	-.2	.0	-.2	-.4	.0	-.2	-.1	-1.1	-1.4	-.5	-.2	-.8	-2.4	****	****	-2.7	-1.4	.9	1.9	2.4	3.3	3.1	2.9	.1	
23	4.2	5.4	5.6	7.2	6.9	5.4	4.4	2.7	2.9	1.6	****	-.8	****	****	****	-2.7	-1.1	-.5	.3	.1	.7	.5	.3	1.1	2.2	
24	4.3	4.1	4.0	3.7	4.3	3.9	2.7	1.8	-.6	-1.2	-1.6	-1.9	-2.2	-1.7	-2.2	-2.1	.7	.5	1.6	.0	.3	2.0	.7	.5	.9	
25	.5	-.2	-.4	-.1	.1	1.4	2.2	-.5	-1.2	-.3	-1.2	-2.7	-1.6	-1.9	****	-3.0	-2.4	-1.6	-.1	1.5	2.8	3.9	6.5	8.8	.5	
26	8.4	6.3	5.0	3.8	2.9	3.0	2.0	-.1	-1.3	-1.4	-1.8	-1.0	-3.4	****	-2.9	-.7	.8	.1	4.3	4.5	1.6	.5	.1	.3	1.3	
27	2.6	1.1	.5	-.1	-.1	-.3	-.3	-.3	-.5	-.9	-.5	-.8	-1.5	-2.2	-1.7	-2.0	-1.6	-1.1	-.7	1.1	3.9	5.7	7.5	7.9	.7	
28	7.9	6.8	6.7	6.4	3.8	2.9	1.8	.1	-.1	.7	.7	.4	-2.8	-2.3	-2.9	-2.1	-1.9	-2.4	3.1	5.6	3.5	3.6	2.0	1.1	1.8	
29	1.3	.5	.3	.4	.1	.6	.5	-.1	-.9	-1.5	.2	1.6	5.0	3.8	4.8	3.2	3.6	4.0	4.4	4.8	5.2	5.8	3.7	.8	2.2	
30	.8	.2	.0	-.1	.0	-.6	-.7	.9	.8	.6	.4	-.1	-.4	-.7	-.4	-.2	-.2	-.1	.3	-.1	.2	-.2	-.2	-.1	.0	
31	.6	.4	.7	.5	.1	.7	.0	-.3	-.8	.9	-.9	-1.2	-2.0	-1.6	-.9	1.0	2.7	3.4	3.2	2.4	3.7	4.2	3.2	1.7	.8	

OSWEGO
NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)					TEMPERATURE DIFFERENCE (DEG F (TDFU))															DATA FOR APRIL					1981
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	1.2	.6	.4	.7	.2	.4	.0	-.3	-1.0	-1.5	-1.8	-1.7	-1.9	-1.1	.4	1.7	.7	1.3	.8	.6	.7	.4	1.0	.9	1
02	-.3	-.6	-.4	-.5	-.6	-.5	-.9	-.7	-.6	-1.2	-1.6	-1.4	-1.4	-1.2	-.6	-.9	-.9	.8	3.2	.8	.6	.6	.7	2.2	-.2
03	5.8	5.1	2.9	2.3	2.3	1.2	.8	-.1	-.6	-1.3	-1.6	2.7	2.7	2.7	2.6	4.1	3.7	1.2	1.2	5.7	1.8	.4	.3	-.1	1.9
04	-.1	.2	-.1	-.1	-.2	-.1	.0	-.2	-.7	-.9	-1.2	-1.8	-2.1	-2.7	-1.5	-.7	7.0	2.9	.8	.7	.8	.6	.3	.8	.1
05	.7	1.0	.3	.2	1.6	.6	-.1	.4	-.7	-.6	-.5	-1.3	-2.2	-1.4	-1.2	-1.5	-1.4	-1.5	-1.5	-1.4	-1.4	-1.2	-1.1	-1.2	-.6
06	-1.5	-1.5	-1.6	-1.4	-1.4	-1.2	-1.6	-1.5	-1.7	-1.4	-1.6	-1.5	-1.3	-1.5	-1.7	-1.9	-1.7	-1.5	-1.3	-.9	-.8	-.8	-.8	-.8	-1.4
07	-.9	-1.2	-1.1	-1.2	-1.2	-1.0	-.5	-.5	-.5	-.9	-.5	-1.0	-.6	-3.2	****	-2.8	-2.0	-2.7	-1.0	3.0	5.3	6.4	6.9	6.7	.2
08	2.5	1.5	1.2	.5	.7	1.1	.9	-.6	-1.0	-1.3	-2.0	-2.9	-2.8	-2.9	****	2.6	3.1	1.1	-.9	1.2	3.2	3.6	2.6	4.5	.7
09	4.6	.9	-.3	-.1	.0	.6	1.2	1.9	-.2	-.4	1.3	.7	.3	-1.2	-1.1	-1.3	-1.5	-1.1	-.3	1.1	1.3	1.9	1.2	1.2	.4
10	.7	-.3	-.6	.1	-.3	-.3	.0	-.1	-.4	-.7	-.2	-1.2	-1.6	-1.3	.8	.8	1.3	.6	1.4	5.2	4.6	2.5	2.0	1.1	.6
11	1.0	.5	.2	.1	.1	.0	1.5	1.9	.4	-.5	.0	3.8	3.7	.0	1.9	-.5	1.0	1.8	2.5	2.3	3.0	2.6	4.0	2.5	1.4
12	.9	.6	.2	-.2	-.4	-.3	-1.1	-1.6	-2.7	-2.4	-2.9	-2.0	-2.3	-3.5	-1.9	-2.8	-.9	-.1	.3	.5	2.4	1.3	3.6	1.7	-.6
13	.0	-.1	-.3	-.5	-.6	-.5	-.7	-1.1	-2.3	-2.4	-2.8	-2.6	-2.9	****	****	****	-2.7	-1.3	-.3	-.9	-1.2	-.8	-.7	-.8	-1.2
14	-.7	-.4	-.4	-.7	-.9	-.9	-.9	-.1	-.3	-.3	.0	.3	-.2	-.6	-1.0	-1.4	-1.0	-1.1	-1.3	-1.6	-1.4	-1.3	-1.5	-.8	-.8
15	-1.7	-1.5	-1.7	-2.0	-2.0	-1.5	-1.7	-1.8	-1.7	-1.7	-1.5	-1.4	-1.8	-2.2	-2.2	-2.1	-1.9	-1.3	-1.4	-1.1	-1.0	-1.1	-.8	-.8	-1.6
16	.2	.5	.6	.3	-.3	-.2	-.3	-1.1	-1.0	-.6	.0	-.4	-.4	-1.0	-.4	-.1	.3	.2	2.3	2.3	1.6	3.9	5.7	4.5	.7
17	2.7	1.2	1.3	1.2	.4	-.2	-.4	-.7	-.2	-.4	-.5	-.2	-.2	-.3	.1	1.1	1.0	3.8	2.8	1.1	1.7	4.8	4.4	2.0	1.1
18	2.3	2.3	1.6	.5	.3	.3	.7	.2	-.5	-1.5	-1.4	-1.3	-1.0	-1.3	-1.4	-1.5	-1.5	-1.2	-1.4	-1.1	-.8	-.2	.5	.1	-.3
19	1.7	2.4	1.2	1.1	.7	.6	-.3	-1.2	-1.9	-2.8	-2.5	-3.1	-3.0	****	****	-2.8	-2.2	-1.5	-.9	.0	-.4	-1.0	-.6	-.8	-.8
20	-1.0	-.9	-1.1	-1.2	-.9	-.9	-1.2	-1.9	-2.4	-2.2	****	-2.0	-2.3	-2.1	-2.2	-1.4	-1.4	-2.2	-1.9	-1.1	-1.0	-.7	-.7	-.8	-1.5
21	-.8	-1.1	-1.2	-1.2	-1.0	-.8	-1.5	-2.6	-3.3	-3.3	-2.5	-2.4	-1.8	-1.6	-2.0	-2.0	-1.3	-1.1	-1.2	.3	2.4	3.5	3.9	4.5	-.8
22	5.0	3.5	3.8	3.7	2.4	1.8	1.3	-.8	-1.5	-2.2	-1.7	****	****	****	****	****	****	-3.5	-1.5	2.5	1.3	2.0	1.2	2.4	1.1
23	1.9	.5	.7	.9	.5	-.4	-.7	-1.0	.8	-.6	-.9	-1.0	-1.3	-1.1	-.7	-.9	-.4	-.2	.0	-.1	.6	.7	.0	-.5	-.1
24	-.6	-.7	-.6	-.7	-.6	-.6	-.2	.0	-.6	-.5	-.5	-1.2	-1.2	-1.0	-1.3	-1.1	-1.3	-1.0	-1.1	-1.2	-1.0	-.5	-.6	-1.1	-.8
25	-1.2	-1.3	-1.2	-1.3	-1.2	-1.1	-1.1	-1.3	-1.2	-1.3	-1.3	-1.3	-1.3	-1.3	-1.4	-1.4	-1.5	-1.5	-1.3	-1.1	-1.2	-1.2	-1.2	-1.1	-1.3
26	-1.1	-1.3	-1.2	-1.1	-1.2	-1.3	-1.2	-1.2	-1.2	-1.4	-1.0	-1.7	-1.8	-2.5	-1.5	.6	-.6	-.4	.0	.5	-.2	.6	-.7	-.2	-.9
27	-.3	-.7	-.7	-.9	-.6	-1.0	-.8	-.8	-1.6	-2.0	-1.6	-2.4	-3.0	-2.6	-2.6	-.7	-.1	-.7	-.7	.6	.5	1.0	.4	-.4	-1.0
28	-.2	-.2	-.5	-.6	-.8	-.9	-.8	-1.0	-.6	1.8	-.1	-2.0	-1.7	-.8	-1.4	-1.1	-.6	.3	3.7	1.3	-.3	-.6	-.7	-.4	-.4
29	-.5	.0	-.3	.0	.5	-.3	-.5	-.8	-1.1	-.9	-1.2	-1.4	-.6	-1.1	-2.0	-2.1	2.1	1.2	-.5	-1.0	.9	-.4	-.7	-.9	-.5
30	-.9	-.9	-1.0	-1.0	-.7	-.4	-.4	-.3	-.2	-1.4	-1.8	-3.3	****	****	-3.3	-2.9	-2.0	-1.5	-1.0	-.2	1.0	1.9	1.7	4.6	-.6

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG1

NINE MILE UPPER (9)					TEMPERATURE DIFFERENCE (DEG F (TDFU))															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
ENDING DAY																									
01	4.7	3.8	4.2	2.2	-5	-8	-1.1	-1.3	-2.8	-3.0	-3.2	****	-1.9	-1.0	-3	1.5	3.6	3.7	4.6	5.3	2.9	3.4	4.7	3.3	1.4
02	3.3	4.0	2.4	1.0	1.1	.7	-.7	-2.4	-3.5	-3.5	-1.7	-1.2	-1.6	-1.7	-1.8	-1.7	-1.2	-1.2	-1.0	-.7	-.2	-.3	-.5	.0	-.5
03	.2	1.2	.2	-.1	.1	2.6	1.0	-.4	-.7	-1.7	-1.4	-1.0	.3	-.6	-.7	-2.1	-2.1	-1.3	-1.5	1.0	7.4	9.4	8.4	7.8	1.1
04	8.1	9.4	9.9	9.6	10.5	6.3	2.1	.8	-.3	-1.5	.3	1.2	-1.4	-.8	-.9	-.6	-1.2	-1.7	-1.4	4.0	7.3	8.9	11.4	11.5	3.8
05	11.4	9.4	10.1	6.0	5.0	5.6	1.7	-.5	-.4	-.4	.1	.4	.4	2.3	.1	.9	3.3	3.1	2.0	6.8	4.2	4.5	5.4	.9	3.5
06	.4	.5	3.0	4.2	-.2	-.8	-1.6	-1.7	-1.7	-1.8	-2.1	-1.9	-2.3	****	-3.3	-2.1	-1.7	-1.4	.2	3.1	1.6	1.4	1.2	.7	-.3
07	.6	.3	.1	.0	.0	-.3	-1.3	-2.2	-3.4	-3.3	-1.6	-1.3	-2.0	-1.9	-1.9	-1.6	-1.3	-1.0	-1.1	1.4	4.5	4.8	8.7	4.0	.0
08	2.0	2.8	3.4	3.6	4.4	4.1	1.5	.0	.3	-2.7	-1.6	.8	-.8	-2.9	-3.3	****	-3.1	-2.7	-.4	7.7	9.6	4.4	1.5	1.0	1.3
09	.4	.1	.1	.6	.4	.0	-.8	-1.2	-1.8	-2.2	-2.1	-2.1	-2.6	****	****	****	-2.6	-1.9	-.9	.9	1.1	.1	-.2	-.1	-.7
10	-.2	-.5	-.3	.2	-.5	-.7	-.8	-1.2	-2.1	-2.8	-2.2	-3.0	-3.4	2.2	1.3	2.6	1.8	2.6	7.9	5.2	9.5	5.2	5.0	4.0	1.2
11	.8	3.0	1.3	.4	-.2	.0	-.3	-1.1	-.8	-.5	-.9	-1.1	-1.7	-2.2	-2.0	-1.2	-.9	-1.1	-.8	-.7	-.5	-.3	-.2	-.5	-.5
12	-.4	2.9	-.4	-.5	-.1	-.3	.1	.2	-.1	-.2	-.4	-.7	-.8	-.4	-.9	-.7	-.9	-1.2	-1.1	-.2	-.2	-1.0	-1.2	-1.2	-.5
13	-1.2	-1.2	-1.2	-1.5	-1.5	-1.2	-1.8	-1.5	-1.3	-.4	-1.1	-1.4	-1.6	-1.4	-.9	-1.1	-1.2	-.5	-.2	-.1	.1	-.1	-.4	-.1	-1.0
14	-.2	-.4	1.2	2.3	2.8	.1	-1.1	-.4	-.8	-1.3	-.3	.0	-2.4	****	-3.4	-3.1	-1.3	.5	2.4	.6	1.0	1.1	2.1	.1	.0
15	.9	.6	-.1	.4	1.4	2.2	1.4	1.8	2.2	.4	.1	-1.5	-2.5	1.0	-2.4	-2.1	-1.6	1.9	2.2	.3	.3	1.4	3.0	2.0	.6
16	.6	-.3	.0	-.5	-.2	-.4	-.6	-.6	-.5	-.7	-.8	-.8	-1.1	-.7	.8	.3	.8	.6	1.9	3.1	4.5	2.0	.8	.3	.3
17	-.5	-.3	-.7	-.6	-.4	-.4	-1.6	-2.1	-2.4	-2.6	-2.1	-2.3	-2.4	-2.6	-2.3	-2.1	-1.8	-1.7	-1.5	.9	3.8	4.8	.2	-1.1	-.9
18	1.4	2.9	5.6	7.0	4.2	.3	-.9	-1.0	-.6	-1.6	-1.4	-1.7	-1.8	-1.7	-2.0	-1.7	-1.5	-1.6	-1.4	-.9	-.3	.3	.1	1.2	.1
19	4.0	5.7	5.4	5.5	5.5	4.3	.0	-.1	-.8	-1.3	-1.0	-1.4	-2.0	-1.7	1.4	2.3	2.2	.4	-.1	.8	4.5	7.9	6.9	6.3	2.3
20	7.8	9.0	6.3	6.4	6.1	5.1	1.4	.9	.0	-1.4	-.9	-1.3	-2.4	-3.1	-.2	.6	2.5	3.3	1.6	2.4	6.7	8.4	8.9	9.5	3.2
21	8.9	7.1	6.2	6.1	5.5	4.3	.3	.2	.0	-1.0	-.8	-.9	-1.8	****	****	****	-2.5	-1.4	-1.3	1.3	1.2	1.1	2.0	.8	1.7
22	4.6	2.2	1.8	-.6	-.8	-.8	-1.1	.5	1.0	.2	-2.0	-1.9	-2.1	-.8	-.3	-1.9	-1.9	-1.1	-.7	-.4	3.1	7.9	7.5	8.4	.9
23	6.8	8.3	8.8	9.0	6.9	8.2	6.2	3.0	3.1	-1.2	.3	-.1	-1.7	-2.1	-.7	-.7	-1.0	-.2	1.5	2.6	8.8	11.6	9.3	9.9	4.0
24	14.0	13.9	12.0	7.4	8.4	6.7	3.0	.5	1.1	2.2	2.3	-1.1	-1.7	****	****	-1.1	1.1	.5	.9	3.1	5.1	8.5	9.4	6.1	4.6
25	3.7	2.8	2.0	1.0	1.3	1.1	-.1	-.6	-1.9	-.2	5.8	2.6	-2.4	-3.0	-1.2	-1.1	-1.8	-.4	-.6	-.4	-.4	1.1	2.1	1.4	.5
26	-.4	.1	.6	2.4	3.6	2.8	.7	-.7	-1.3	-2.0	-1.4	2.3	2.2	2.6	.9	.3	-.5	2.6	-.7	3.6	5.7	8.6	6.0	8.8	2.0
27	8.6	7.2	6.5	4.8	3.4	3.3	2.2	1.0	.5	3.6	2.4	1.3	-.2	-2.2	-2.1	-1.2	.1	-.8	.9	1.1	.4	1.9	1.9	4.7	2.1
28	5.5	1.4	3.3	3.7	4.6	7.2	7.5	7.1	3.8	-2.3	-1.9	-1.7	-.6	-1.2	.0	.2	.4	.6	.6	1.3	4.0	5.9	2.6	1.1	2.2
29	1.1	.1	-.1	.2	.6	-.2	-1.0	-1.1	-1.2	-2.3	-2.7	-3.0	-2.0	.4	-.8	.1	-2.4	-2.5	-.5	-.2	2.8	5.5	4.7	3.2	-.1
30	4.4	4.9	3.4	1.7	1.2	.1	-.2	.1	-.2	-1.4	-1.2	.8	.2	.9	.4	-.2	-.7	-.1	.7	1.6	2.4	.1	.0	-.4	.8
31	-.7	-1.1	-1.1	-1.2	-1.1	-1.3	-1.0	-.2	-1.1	-2.3	-1.7	-1.6	-2.6	-2.8	-2.7	-2.4	-2.5	-2.1	-.1	2.7	2.4	1.5	.4	-.5	-1.0

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)					TEMPERATURE DIFFERENCE (DEG F (TDFU))																		DATA FOR JUNE				1981
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		-.7	-.8	-.5	.1	1.8	2.4	-.5	-.1	-.2	-1.8	-.1	.9	1.2	-.8	-1.9	-2.0	-2.9	-2.0	-2.3	.2	5.4	7.7	9.3	7.4	.8	
02		5.2	6.0	4.0	2.0	1.7	.7	.1	-.6	-1.7	-3.0	-2.0	-2.6	-3.0	****	-3.4	-3.3	-3.2	-3.0	-1.6	-1.0	-.7	-.7	-.7	-.7	-.5	
03		-.4	-.6	-.6	-.7	-.7	-.6	-1.0	-1.3	-1.6	-1.9	-1.7	-1.6	-1.6	-2.5	-2.0	-2.0	-1.4	-.9	.0	-.2	-.2	-.5	-.1	-.4	-1.0	
04		-.4	-.2	.1	.0	.8	.6	.2	1.2	-.4	-1.0	-1.6	-1.6	-2.3	3.5	.2	-2.2	-.7	-1.5	-.8	-.5	-.7	-.5	-.3	.8	-.3	
05		.6	-.1	-.7	-.7	-.5	-.4	-.3	.6	.0	-1.1	-1.1	-1.9	****	****	****	****	-2.7	****	-2.1	1.9	5.5	7.2	5.5	2.8	.6	
06		3.0	2.3	.8	.4	.5	.1	-.7	-.3	-.1	2.2	3.6	.5	-1.0	-.6	1.5	1.8	.6	2.0	3.6	2.1	2.6	1.2	.0	.9	1.1	
07		.4	-.1	-.6	.4	1.8	-.4	-1.4	-1.9	****	****	-2.0	-1.9	-2.1	-2.4	-2.2	-2.1	-2.0	-2.0	-1.8	-.3	3.4	5.0	5.5	5.1	-.1	
08		5.1	7.1	7.4	7.1	5.6	2.9	-.2	-1.7	-1.9	-2.2	-2.1	-2.6	-2.9	-1.5	-1.2	-1.8	-1.8	-.6	.0	1.0	4.2	2.5	2.1	.3	1.0	
09		-.3	.3	-.4	.3	2.0	-.2	-.2	-1.1	-1.4	-1.7	-1.6	-1.4	-1.5	-1.3	-.6	-.1	-.4	-.4	-.6	-.5	.8	1.4	.8	.1	-.3	
10		.4	.6	.7	2.1	5.3	3.8	1.0	-1.0	-.7	-1.2	-.7	-.8	-1.2	-1.9	-1.4	-1.3	-1.3	-1.3	-1.6	-1.2	.1	.7	-.2	-.3	-.1	
11		-.2	-.6	-.8	-.9	-1.0	-1.1	-1.3	-1.2	-1.4	-2.4	-1.4	-1.9	-2.7	-2.2	-.5	-.7	-.3	-.7	-1.0	-.7	1.4	.2	.8	.4	-.8	
12		.6	.7	1.7	4.1	6.5	7.6	3.7	-.3	-.3	-2.5	-1.0	-.8	-1.2	1.0	-.5	-1.4	-1.2	-1.0	-1.1	-.8	.0	.6	2.6	4.5	.9	
13		4.3	1.3	.1	-.2	.2	-.7	-.5	-.4	-.7	-1.1	-1.8	-2.0	-1.8	-1.6	-.6	-.1	.0	-.1	.3	3.2	3.0	1.1	.8	.5	.1	
14		.3	.0	-.3	-.3	-.2	-.2	-.5	-.7	-1.0	-.1	.6	-.8	.9	.3	-2.5	-2.8	-2.9	-1.0	-.2	-.2	-.2	-.1	-.3	-.1	-.5	
15		.5	.9	1.0	.3	1.0	.6	-.4	-.9	-.7	-1.1	.7	1.4	-1.9	-3.1	-3.1	-2.1	-3.0	-1.0	.6	1.9	1.9	2.4	3.1	2.3	.1	
16		1.0	.4	1.0	.7	.2	.1	-.7	-.7	.4	1.0	3.6	2.2	2.2	-.9	.2	-1.4	-.6	-.5	-.3	1.8	.5	-.7	-.5	-.8	.3	
17		-.7	-.6	-.7	-.9	-.5	-.7	-1.5	-1.3	-1.5	-2.1	-1.6	-1.8	-2.5	-2.7	-3.1	-2.9	-2.1	-1.8	-1.6	-.8	1.2	3.9	5.5	6.8	-.6	
18		7.5	7.5	6.5	7.4	6.9	6.0	1.3	.0	-.4	-2.7	-1.6	-2.6	-2.8	-3.5	-2.4	-1.1	.0	-2.9	-2.3	1.7	5.2	2.4	1.1	.8	1.3	
19		.9	1.4	1.3	3.9	4.2	1.5	-.2	-.5	-.9	-.3	1.8	.4	-1.7	****	****	-2.1	-2.4	-.7	1.3	3.4	2.8	2.7	-.4	-.7	.7	
20		.8	1.5	.3	.2	.5	1.1	-.9	-1.6	-2.1	-3.0	****	****	****	****	****	****	****	****	-1.6	-.3	1.9	2.3	3.4	5.4	.5	
21		5.4	4.2	3.3	2.6	2.8	2.2	.9	.0	-.3	-2.1	-2.7	-2.7	****	-3.0	****	****	-2.3	-2.7	-1.7	.6	2.9	5.1	7.3	8.2	1.3	
22		7.5	6.0	3.9	1.1	.1	.1	.3	-.3	-.2	-.5	-.4	-1.1	-.3	-.9	-1.1	-1.3	-1.5	-1.2	-.8	-.6	-.8	-1.1	-1.3	-1.1	.2	
23		-1.0	-1.2	-1.0	-1.0	-1.1	-1.0	-.9	-1.0	-1.1	-1.6	-1.8	-1.9	-2.6	-2.2	-2.4	-1.7	-1.4	-1.2	-1.0	-.2	.0	1.0	1.9	2.4	-.9	
24		5.2	6.5	7.2	6.0	4.9	3.8	-.3	-.6	-.7	-1.7	-1.2	-1.8	-1.8	-2.4	-1.6	-1.4	-.9	-1.1	-2.0	.6	1.8	.9	1.4	2.0	1.0	
25		1.0	.5	.2	.3	.2	.5	-.1	.7	-1.1	-1.6	-1.2	.6	-.2	-.3	-.7	-.9	-.5	-.6	.5	.2	-.5	-1.1	-1.3	-1.4	-.3	
26		-1.5	-1.5	-1.4	-1.5	-1.6	-1.5	-1.5	-1.5	-1.5	-1.5	-1.3	-1.2	-1.2	-1.1	-1.1	-1.1	-1.0	-.9	-.6	.0	1.5	1.8	1.7	3.1	-.7	
27		4.3	4.1	4.0	4.4	.5	-.5	-.8	-.6	-.7	-2.3	-1.6	-1.4	-2.8	****	****	-1.5	-2.4	-2.0	-1.2	.8	7.8	10.5	10.1	10.0	1.8	
28		11.0	10.7	10.8	10.0	9.9	9.1	5.3	.4	2.1	-.5	2.2	.3	-2.0	-1.8	-2.7	****	****	-3.2	-3.5	1.0	7.1	9.5	7.1	4.7	4.0	
29		3.6	3.3	2.6	1.2	.5	.8	.3	-.4	-.5	-1.9	-1.8	-1.6	-2.6	-3.4	-3.4	-3.4	-3.1	-2.7	-1.7	-.3	.7	.5	.3	.8	-.5	
30		.9	1.0	.6	.9	.7	.6	.1	-1.0	-1.7	-2.7	-2.7	-1.6	-2.8	****	****	****	-2.3	-.4	2.4	.6	-.2	-.1	.3	.2	-.3	

OSWEGO
NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

-----JG11

NINE MILE LOWER (9)					TEMPERATURE (DEG F)												(TMPL)						DATA FOR JANUARY 1981							
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	7	3	3	2	3	3	1	2	6	8	14	18	23	26	27	23	22	21	21	20	20	20	20	20	14					
02	20	21	22	25	25	25	24	26	25	21	18	16	16	14	13	12	11	10	7	6	4	4	4	3	16					
03	2	0	0	-3	-10	-10	-10	-11	-11	-9	-4	0	4	8	4	2	-1	-2	0	-1	0	0	-1	-2	-2					
04	-2	-2	-5	-10	-11	-12	-12	-9	-10	-8	-6	-3	-4	-6	-6	-6	-6	-5	-3	-2	-1	1	2	2	-5					
05	2	3	4	4	5	6	7	7	9	11	12	13	15	18	19	19	19	20	21	17	18	18	18	18	13					
06	18	16	16	15	14	15	14	15	16	17	18	20	21	22	22	22	22	20	20	20	21	22	24	25	19					
07	25	25	25	26	26	26	27	26	25	24	22	20	19	16	15	14	13	12	12	10	7	5	5	6	18					
08	6	7	7	6	5	5	4	3	4	5	6	7	10	12	13	13	13	13	14	15	16	15	14	14	9					
09	13	11	5	4	5	6	7	8	11	12	16	18	20	20	19	19	16	12	12	11	11	11	13	14	12					
10	14	15	14	15	17	17	14	13	11	11	10	8	8	7	8	8	7	7	5	4	2	2	1	0	9					
11	-1	-3	-4	-4	-4	-5	-5	-9	-10	-9	-5	-3	-4	-3	-2	-1	0	1	3	2	0	0	0	1	-3					
12	1	-3	-8	-10	-10	-9	-7	-7	-9	-7	-3	6	8	10	10	9	8	3	1	1	1	2	2	2	0					
13	2	2	1	1	1	0	-2	-4	-5	2	14	18	20	17	15	14	11	12	9	7	9	8	9	7	7					
14	9	9	8	8	10	9	8	8	10	12	14	18	18	19	20	19	18	16	16	17	13	12	10	9	13					
15	8	8	9	10	11	10	10	13	15	17	19	24	24	24	23	21	21	22	21	22	22	22	21	22	17					
16	21	21	21	21	21	21	20	21	22	22	25	28	23	20	17	16	15	15	15	15	15	15	15	16	19					
17	15	15	14	14	13	13	12	11	11	11	10	11	10	9	10	11	10	11	11	12	13	10	3	9	11					
18	10	8	10	10	10	18	16	17	17	17	18	24	25	26	25	26	27	29	30	30	31	31	32	32	22					
19	32	33	33	33	32	31	33	31	31	31	32	31	32	33	34	33	34	33	32	33	33	34	34	33	33					
20	32	32	32	32	32	28	26	24	23	22	24	26	26	27	26	25	21	17	16	14	13	14	15	14	23					
21	13	7	3	2	0	-1	-1	-1	-1	6	15	20	22	23	24	22	23	17	14	12	11	17	18	19	12					
22	18	18	20	21	23	25	30	31	30	31	31	30	30	31	31	31	32	32	32	32	31	31	31	31	28					
23	31	31	31	31	29	28	28	26	26	26	28	30	30	28	30	28	28	28	28	29	27	28	28	27	29					
24	26	26	25	25	25	25	24	24	25	26	27	27	28	29	27	30	31	23	21	17	16	17	18	18	24					
25	19	21	22	22	21	20	20	20	21	24	29	32	35	36	38	37	35	33	33	34	35	36	38	38	29					
26	39	39	39	40	40	40	42	44	46	45	46	48	49	50	50	49	50	44	39	38	37	37	37	36	43					
27	36	36	36	35	35	34	34	35	35	34	35	36	36	34	32	32	31	31	30	29	28	28	27	26	33					
28	25	24	22	22	21	21	20	20	22	22	24	26	26	25	25	23	23	22	22	23	22	21	20	20	23					
29	20	19	18	17	16	15	14	14	15	15	17	17	17	17	18	18	17	18	19	20	21	22	23	23	18					
30	22	20	18	16	15	15	13	13	12	11	10	9	9	9	9	10	12	15	17	19	19	18	18	17	14					
31	17	17	18	18	18	11	6	5	8	14	20	25	26	26	26	26	25	24	20	18	16	16	16	16	18					

OSWEGO NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE LOWER (9)								TEMPERATURE (DEG F)										(TMPL)		DATA FOR					FEBRUARY		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	16	15	15	16	16	20	22	23	25	28	31	33	34	34	33	32	32	33	34	36	37	38	40	41	29		
02	41	40	40	40	39	40	40	39	34	31	32	31	31	30	27	26	24	25	24	24	23	21	21	21	31		
03	21	20	19	18	16	16	14	14	13	13	12	12	13	13	13	12	13	12	10	10	11	10	7	6	13		
04	6	6	5	6	6	6	6	6	8	10	13	16	17	16	15	14	13	12	12	12	10	7	7	6	10		
05	5	4	3	3	3	3	3	3	4	6	9	12	12	14	16	17	17	13	9	7	6	8	10	10	8		
06	10	10	10	12	13	14	15	16	17	19	22	23	26	26	27	26	26	26	26	27	28	27	27	26	21		
07	27	27	25	24	24	24	24	24	24	27	27	30	31	31	31	31	31	30	28	28	29	30	31	31	28		
08	32	32	33	34	35	34	34	34	34	36	35	33	32	32	30	29	29	28	27	26	26	26	25	23	31		
09	23	22	23	24	24	23	23	22	23	23	22	22	22	21	21	22	22	22	21	23	24	21	19	19	22		
10	19	19	19	18	20	20	20	20	22	24	28	30	31	32	32	33	33	34	37	36	36	38	38	41	28		
11	43	44	45	44	46	47	48	49	48	49	51	57	58	47	36	34	30	26	25	24	21	21	21	21	39		
12	20	18	17	16	15	14	13	13	12	13	13	13	14	14	14	14	14	13	11	10	9	9	10	9	13		
13	10	9	8	7	4	3	1	2	6	11	15	20	23	25	23	24	24	21	15	13	14	15	16	15	14		
14	14	14	15	16	16	17	18	20	23	26	29	30	30	30	30	31	28	27	27	28	23	20	20	20	23		
15	20	21	22	21	22	21	21	22	23	27	30	31	31	38	42	41	41	39	37	38	38	39	39	38	31		
16	38	38	37	38	37	37	36	37	37	40	43	47	50	51	50	51	48	43	41	41	41	43	43	44	42		
17	44	44	46	46	46	40	41	41	42	44	48	50	50	45	47	48	47	42	39	38	38	40	43	44	44		
18	46	46	45	45	46	45	45	45	46	48	50	52	55	58	57	58	58	53	49	50	50	50	49	49	50		
19	50	51	50	48	49	50	49	49	48	48	50	52	54	59	62	61	57	57	55	54	53	53	53	52	53		
20	50	48	48	47	49	48	49	48	48	49	50	47	44	43	43	42	41	42	41	41	42	43	42	43	45		
21	43	43	43	39	36	36	37	36	37	37	37	40	37	40	38	35	36	37	36	36	36	36	36	36	38		
22	36	37	38	38	37	38	36	38	40	45	54	57	60	60	62	61	59	54	52	51	50	50	50	48	48		
23	48	46	45	45	45	45	47	47	48	48	48	50	49	51	50	50	48	45	47	46	41	40	41	40	46		
24	40	36	37	40	41	38	40	42	38	40	39	40	43	44	42	42	40	38	37	37	37	36	36	36	39		
25	36	36	37	36	35	35	34	33	34	33	34	35	35	35	35	35	36	35	36	35	35	34	34	35	35		
26	35	36	35	35	36	34	32	33	33	33	34	33	34	34	35	35	36	36	33	31	31	31	30	30	34		
27	30	29	29	27	28	26	26	26	26	26	28	28	28	30	30	29	32	32	26	23	22	24	23	22	27		
28	22	25	25	27	29	31	30	30	31	30	32	35	40	43	44	38	34	36	35	37	37	35	35	35	33		

OSWEGO NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE LOWER (9)					TEMPERATURE (DEG F)										(TMPL)				DATA FOR				MARCH				1981
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	34	35	34	33	34	34	32	32	35	35	35	34	35	34	33	33	34	35	32	34	34	33	32	32	34		
02	33	32	30	30	30	30	32	32	32	33	33	33	32	30	30	32	34	32	30	28	29	27	28	26	31		
03	26	26	24	23	22	21	19	16	16	17	17	16	18	19	21	22	23	23	26	24	25	27	27	26	22		
04	25	25	26	25	25	19	21	22	22	26	27	27	30	31	32	33	33	30	28	30	30	29	28	29	27		
05	29	28	27	27	26	26	26	28	30	33	35	36	40	40	40	37	35	34	33	31	29	30	30	30	32		
06	30	29	28	28	29	26	27	26	26	28	28	28	29	31	31	32	31	30	33	33	32	34	33	31	30		
07	31	29	29	29	29	29	28	29	29	30	30	30	32	33	31	31	32	33	33	34	34	34	34	32	31		
08	33	33	33	34	34	32	32	34	35	35	35	35	36	39	37	37	36	35	34	33	35	35	35	35	35		
09	35	35	34	34	35	33	33	33	34	32	32	34	35	35	35	33	34	33	34	34	33	35	35	34	34		
10	34	34	34	34	34	32	33	33	34	36	36	33	36	34	34	34	35	34	34	35	34	35	35	34	34		
11	34	33	34	33	33	32	33	33	33	33	34	35	36	35	35	35	34	33	34	34	33	34	32	31	34		
12	30	30	30	29	29	28	29	28	28	30	32	36	37	39	39	39	38	35	36	35	35	34	35	37	33		
13	36	35	35	37	37	37	36	36	38	38	37	37	36	34	34	34	34	35	33	31	30	28	27	25	34		
14	24	22	21	19	19	19	20	20	18	18	19	19	21	21	23	23	26	27	27	28	28	28	28	29	23		
15	29	29	32	34	34	34	35	36	38	40	41	44	47	45	44	46	46	41	38	36	43	42	39	38	39		
16	37	35	35	33	30	26	23	22	20	19	19	20	22	22	21	21	23	24	24	25	25	24	24	22	25		
17	22	22	21	20	19	19	20	22	26	27	27	28	26	23	21	19	18	16	16	17	16	16	16	16	21		
18	16	16	14	15	15	16	17	17	18	17	17	19	19	21	21	22	22	23	22	24	25	26	25	25	20		
19	24	19	18	17	17	17	17	16	18	22	23	23	22	22	21	22	23	22	21	21	22	21	20	20	20		
20	20	20	19	20	21	20	19	20	22	24	27	30	31	31	33	30	33	28	25	25	26	26	26	27	25		
21	27	29	28	26	26	28	29	29	28	29	28	30	31	33	32	33	33	33	34	34	33	33	34	34	31		
22	34	34	33	33	33	31	32	32	34	36	37	35	35	37	38	40	40	36	33	30	30	28	28	27	34		
23	28	27	27	26	25	24	25	29	32	33	33	35	38	39	39	39	37	36	34	33	32	36	35	32	32		
24	31	28	29	27	28	28	28	31	33	32	35	37	38	38	38	36	35	35	35	35	34	32	33	34	33		
25	34	34	35	33	34	32	29	34	37	37	35	36	35	35	38	37	37	39	36	36	33	32	29	28	34		
26	29	31	32	32	31	31	30	33	39	43	46	44	45	45	47	44	43	42	41	44	47	50	45	46	40		
27	43	41	40	40	39	37	35	35	33	32	35	37	38	40	41	41	41	40	37	36	35	31	31	29	37		
28	28	27	28	27	28	29	30	33	34	33	34	39	42	44	45	46	49	49	43	44	45	45	48	48	38		
29	49	51	51	52	53	53	54	57	60	62	66	64	58	56	60	53	52	53	57	60	57	58	60	62	57		
30	63	63	63	62	62	61	60	54	52	54	54	54	55	55	55	55	54	54	54	53	51	52	51	50	56		
31	45	43	42	41	39	39	40	39	40	39	39	41	44	43	43	44	44	47	44	43	42	42	43	45	42		

OSWEGO NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG1

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

OSWEGO
NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE LOWER (9)					TEMPERATURE (DEG F)										(TMPL)		DATA FOR MAY							1981	
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	38	36	35	33	39	40	40	40	42	43	44	47	47	48	49	49	47	47	44	41	42	41	40	39	42
02	38	37	38	39	37	37	39	40	42	43	40	40	41	43	43	43	43	43	41	40	40	42	42	41	41
03	39	38	39	40	38	35	39	42	42	44	44	43	44	46	46	47	47	49	52	44	38	37	36	36	42
04	38	38	38	38	38	38	42	44	45	50	50	52	56	54	59	58	58	62	60	52	49	49	48	48	49
05	49	46	46	47	43	43	50	57	***	***	***	***	***	63	69	70	65	66	64	55	56	58	55	55	56
06	53	52	51	50	46	43	42	41	39	39	39	40	42	46	45	45	44	45	45	42	40	41	40	40	44
07	39	38	38	38	37	37	38	39	40	42	40	40	42	42	42	43	44	45	45	42	40	37	36	40	40
08	38	37	37	38	38	37	39	47	49	49	49	48	53	55	57	59	61	59	57	51	51	56	57	55	49
09	54	52	51	49	49	48	50	52	56	60	62	64	68	70	72	73	71	70	67	62	60	62	62	60	60
10	60	60	58	57	57	55	56	55	61	65	67	71	75	64	60	61	60	58	55	55	55	60	46	50	59
11	52	54	58	59	59	58	60	60	60	62	65	65	66	68	70	68	67	66	64	62	60	59	59	59	62
12	58	46	46	47	48	47	47	46	43	44	44	44	43	44	43	42	42	43	43	43	44	45	43	42	45
13	42	42	41	41	41	40	42	41	44	45	44	44	45	45	46	47	50	52	48	45	44	47	46	46	45
14	47	46	45	42	40	44	45	44	47	48	49	51	54	55	55	54	52	50	49	49	49	48	48	49	48
15	48	52	51	50	50	49	49	49	54	59	57	59	57	50	58	59	58	55	52	51	53	51	48	48	53
16	48	47	44	44	43	44	45	44	45	45	44	44	44	43	42	43	44	42	44	42	41	40	42	41	44
17	41	39	38	36	36	35	37	37	37	38	38	38	40	41	41	42	43	44	45	42	40	38	42	40	40
18	36	***	33	31	34	39	40	40	41	42	41	42	43	44	44	45	46	46	45	44	44	44	43	40	41
19	37	36	35	35	35	36	42	44	45	45	45	46	47	48	49	52	52	54	55	52	46	42	42	40	44
20	40	39	37	34	34	36	42	47	48	49	47	48	51	54	56	58	57	60	61	58	53	53	52	50	49
21	49	50	48	48	47	47	50	56	61	62	62	63	63	64	66	67	63	61	64	60	59	59	59	59	58
22	55	50	50	51	49	48	48	48	48	51	52	51	54	55	56	53	53	54	54	51	47	45	43	43	50
23	45	44	43	45	44	47	52	57	57	59	58	59	62	60	59	61	64	62	60	56	53	50	48	49	54
24	47	45	47	46	44	46	52	58	59	62	64	66	67	69	67	68	68	67	66	61	59	57	60	63	59
25	63	64	64	62	62	63	66	69	74	76	69	66	64	63	59	62	65	64	65	64	61	61	61	61	65
26	62	57	56	56	56	57	59	64	69	73	77	73	73	73	73	66	71	68	73	68	65	61	54	54	65
27	55	57	56	56	55	54	55	56	60	58	61	64	61	63	65	67	65	57	57	55	54	56	59	58	59
28	58	51	51	52	52	54	57	57	65	75	77	78	74	72	70	75	74	69	67	67	66	63	67	67	65
29	66	65	65	64	63	63	64	65	65	68	73	74	75	72	70	67	75	75	67	57	57	57	58	59	66
30	59	59	59	60	61	62	62	62	65	69	70	66	58	56	58	58	54	55	57	56	55	57	55	55	60
31	53	51	50	48	48	46	47	48	50	51	49	50	51	53	53	54	54	53	53	51	50	50	50	49	51

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG11

NINE MILE LOWER (9)					TEMPERATURE (DEG F)												(TMPL)				DATA FOR JUNE								1981
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	48	47	45	45	44	45	50	49	50	51	49	51	52	54	57	60	63	64	64	55	50	49	50	51	52				
02	49	47	50	53	53	54	56	59	63	68	69	72	72	73	73	74	73	72	66	64	63	62	62	61	63				
03	61	61	61	60	60	60	61	63	64	67	68	67	67	71	71	71	69	66	64	64	64	64	64	65	65				
04	65	65	65	64	62	64	60	60	63	63	61	57	59	58	59	61	60	60	56	53	54	54	55	56	60				
05	56	55	53	52	52	53	54	55	58	61	61	62	63	65	70	75	78	78	75	69	66	65	66	67	63				
06	65	65	66	67	65	66	68	69	70	64	60	64	64	67	63	60	58	57	56	55	55	55	53	54	62				
07	53	53	51	50	50	51	51	52	54	54	53	54	54	54	54	54	56	56	56	55	51	50	49	49	53				
08	49	48	46	45	45	47	53	58	62	67	72	76	78	75	74	75	76	73	72	65	63	66	68	70	63				
09	69	66	65	65	58	55	55	55	54	56	57	57	59	58	58	59	59	58	57	55	56	55	54	55	58				
10	54	54	54	53	51	54	59	62	62	63	61	58	56	55	52	53	56	59	55	54	52	53	54	54	56				
11	54	54	52	52	52	53	53	53	53	56	55	56	59	62	64	65	67	69	69	63	57	56	56	57	58				
12	57	56	56	53	52	53	59	64	69	74	70	71	73	63	58	60	61	61	62	60	58	56	55	54	61				
13	54	54	54	52	52	53	52	53	53	57	58	62	63	64	63	61	62	62	62	61	62	64	64	64	59				
14	63	62	61	61	62	63	64	64	65	63	61	63	63	67	73	74	75	72	68	67	66	66	66	65	66				
15	66	65	64	64	64	64	67	68	71	***	74	75	81	83	88	88	90	82	78	76	76	75	73	73	74				
16	74	74	74	74	75	76	76	79	81	81	76	73	73	75	75	75	76	78	79	73	67	62	61	60	74				
17	59	59	59	59	58	60	60	60	60	60	59	59	60	61	62	62	61	61	61	59	57	54	53	51	59				
18	51	49	51	50	51	53	58	62	65	71	72	72	72	74	75	77	77	80	78	72	67	68	67	67	66				
19	66	64	62	59	59	61	66	70	74	75	73	74	75	80	80	77	77	74	72	69	66	65	64	53	69				
20	62	61	62	62	60	59	62	64	67	69	70	68	66	67	69	67	69	66	63	62	59	58	56	53	63				
21	53	55	55	54	53	54	55	55	55	64	69	72	69	69	72	72	69	69	73	71	65	60	58	58	62				
22	59	61	60	62	62	62	61	68	66	66	66	69	62	62	62	61	59	58	58	59	58	57	54	53	61				
23	54	54	53	53	54	53	54	53	55	56	57	56	58	57	59	60	61	61	59	58	56	56	56	56	56				
24	54	51	50	51	53	54	57	59	65	65	63	65	63	62	60	59	61	62	66	62	61	64	63	63	60				
25	66	66	68	69	70	70	70	65	69	70	69	65	64	65	67	71	71	64	61	59	58	55	55	54	65				
26	54	53	53	53	53	52	52	53	53	53	52	52	52	54	54	54	54	54	55	54	53	53	54	52	53				
27	51	50	50	50	52	53	54	55	55	57	57	57	58	60	65	66	66	66	65	61	52	50	48	47	56				
28	46	47	49	50	51	52	57	62	65	66	66	66	70	74	78	79	80	74	72	66	62	62	63	62	63				
29	61	60	60	61	62	62	63	64	66	73	75	76	80	83	85	86	86	84	80	75	73	73	71	71	72				
30	69	69	70	68	67	68	71	75	78	80	82	83	82	81	77	74	70	71	66	66	65	65	62	64	72				

OSWEGO NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE LO-CUP (9)						WIND DIRECTION-CUP (DEG)										(WDRC)		DATA FOR JANUARY 1981								AVG
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		
ENDING DAY																										
01	110	105	95	100	100	105	90	90	115	95	115	120	115	120	145	130	115	110	115	125	130	140	135	140	115	
02	140	165	195	275	290	300	240	290	290	295	305	300	295	295	295	295	300	300	300	305	315	305	310	310	295	
03	305	320	340	60	110	110	105	110	120	125	105	90	85	70	60	40	30	30	355	330	310	310	310	315	310	
04	305	340	5	30	15	5	335	325	315	305	300	325	320	325	335	335	335	340	340	330	335	325	325	325	325	
05	315	320	325	330	325	315	325	315	305	315	325	325	295	290	290	280	285	285	220	180	210	205	215	205	315	
06	205	195	195	190	185	180	180	175	165	165	165	170	170	175	155	165	165	145	140	145	150	160	170	175	165	
07	175	180	180	180	180	185	195	240	290	285	290	285	290	295	290	295	290	290	295	295	300	310	305	310	290	
08	310	305	310	305	310	310	310	310	315	315	305	305	305	290	295	300	300	295	295	305	305	320	325	305		
09	310	335	115	120	130	145	150	150	170	180	185	190	180	180	175	180	175	165	180	180	175	180	190	180		
10	200	200	185	225	330	315	295	300	300	300	300	300	300	295	295	300	300	315	320	320	325	335	350	300		
11	350	355	45	340	345	340	340	150	150	265	340	325	310	320	300	295	295	305	305	300	300	300	315	300		
12	325	90	95	115	135	140	145	155	120	130	135	145	145	135	155	140	140	140	135	135	135	130	135	135		
13	135	135	140	135	135	135	140	145	120	125	115	150	135	135	125	100	115	95	85	120	135	110	110	120	135	
14	115	110	100	100	120	115	120	130	125	125	135	130	75	70	70	75	95	130	65	100	125	135	125	120	125	
15	115	115	100	105	100	125	120	95	85	105	85	75	65	45	35	50	60	60	45	70	50	60	95	100	60	
16	105	95	105	115	160	140	140	140	160	155	175	205	285	345	325	340	355	355	0	5	0	350	5	345	140	
17	5	350	355	340	335	345	350	345	5	15	15	355	340	330	340	335	320	300	305	320	325	90	135	330	340	
18	40	115	90	100	130	205	220	215	205	215	215	280	310	310	300	295	295	285	285	285	290	275	280	275	215	
19	275	290	290	285	275	270	275	270	275	260	250	260	260	260	255	255	260	265	260	265	270	280	285	290	260	
20	295	300	320	335	5	35	45	45	40	50	45	40	40	30	20	20	25	30	35	35	40	55	50	55	40	
21	70	105	105	110	95	125	150	125	100	110	45	340	355	300	290	315	300	175	140	95	155	145	165	160	105	
22	155	155	160	175	185	215	255	255	255	255	250	240	245	255	265	270	285	290	285	295	300	300	295	290	255	
23	290	300	305	310	315	325	315	315	330	340	350	330	330	310	275	255	270	265	285	295	295	300	320	330	330	
24	335	325	325	320	325	330	330	340	5	15	35	20	5	5	345	290	330	340	235	150	150	155	165	165	5	
25	170	170	165	160	165	165	165	165	160	165	160	140	150	160	150	150	135	135	135	140	150	150	145	155	150	
26	155	155	150	155	160	165	170	180	180	170	170	180	185	205	225	230	215	255	250	240	240	240	230	235	155	
27	235	240	240	240	230	235	240	240	235	230	240	235	235	250	285	265	260	265	290	305	330	315	300	310	240	
28	315	315	320	315	330	340	335	330	310	330	330	325	330	5	20	25	20	30	25	355	15	30	35	20	330	
29	15	15	20	15	25	35	45	40	30	20	15	355	355	355	360	360	350	330	335	325	320	325	325	325	15	
30	325	350	5	10	10	5	10	355	340	345	335	325	325	320	315	300	295	295	300	295	305	315	310	325	325	
31	325	325	325	325	335	110	120	135	150	175	200	215	225	245	235	255	245	220	175	150	145	135	130	135	325	

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

NINE MILE LO-CUP (9)					WIND DIRECTION-CUP (DEG)										(WDRC)					DATA FOR				FEBRUARY				196
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	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	115	125	125	105	120	135	140	140	135	150	155	155	170	160	165	155	150	150	160	175	170	170	175	150			
02	180	185	175	170	165	175	200	225	265	255	270	280	265	260	255	250	235	235	265	265	280	275	270	265	265			
03	265	255	285	280	265	275	300	315	310	320	320	235	235	240	240	225	215	215	220	225	230	225	210	205	225			
04	205	205	210	210	200	200	205	200	205	210	215	220	225	230	225	230	215	205	215	280	295	295	285	290	205			
05	290	305	295	300	310	310	315	315	315	310	355	170	170	230	215	205	210	190	155	140	140	160	155	315				
06	160	135	140	155	155	155	145	140	145	170	180	185	190	190	195	190	175	180	185	205	235	275	285	285	190			
07	275	225	215	205	185	190	200	190	180	185	180	175	175	185	185	175	135	100	120	125	130	130	135	155	175			
08	165	165	165	170	155	150	180	175	160	190	305	310	305	295	295	295	310	295	290	295	295	275	260	250	295			
09	255	245	250	255	265	265	270	275	280	270	255	245	240	245	260	255	250	215	225	245	245	195	180	165	245			
10	165	185	165	160	170	160	150	140	130	130	120	120	120	120	125	130	125	120	125	130	130	130	135	135	130			
11	135	135	135	130	135	140	140	135	140	145	145	165	165	225	250	265	275	270	275	270	270	280	275	265	135			
12	265	260	255	255	255	270	275	285	275	280	275	275	275	280	260	250	245	240	210	195	195	205	190	190	275			
13	190	185	185	170	160	150	135	130	135	160	180	185	190	260	260	270	265	80	120	130	140	135	130	125	130			
14	130	140	135	140	155	150	155	160	175	185	225	255	255	280	260	265	295	295	300	300	140	120	110	135	140			
15	140	125	115	130	130	135	125	105	125	145	145	140	145	145	145	135	140	135	135	140	145	155	170	170	145			
16	170	160	160	160	155	145	145	145	140	145	150	160	155	165	165	145	140	170	170	180	170	180	195	200	145			
17	190	200	210	205	210	250	240	230	235	185	190	200	210	250	245	240	235	230	130	125	195	200	200	195	200			
18	190	180	175	180	175	175	170	175	180	195	185	180	180	190	185	165	145	140	150	140	140	130	125	125	180			
19	125	115	150	140	150	145	155	160	145	130	130	135	130	110	140	100	130	155	125	125	130	135	120	110	130			
20	110	110	110	110	105	100	95	100	105	100	90	55	45	35	40	45	40	40	45	75	65	75	70	60	170			
21	65	80	80	250	245	250	235	240	235	250	250	225	230	195	250	235	250	255	250	240	225	220	235	245	250			
22	250	105	130	100	65	85	80	80	25	55	120	120	110	105	110	115	130	110	115	125	125	115	110	105	110			
23	100	105	115	100	120	115	115	125	125	115	115	110	115	115	110	120	115	110	135	185	240	165	105	85	115			
24	290	250	140	155	250	80	155	185	210	240	265	255	255	250	250	260	275	265	245	245	205	190	185	175	250			
25	160	190	245	235	240	250	255	265	260	270	295	310	290	275	270	265	270	280	295	315	350	330	335	335	270			
26	335	340	330	330	335	335	330	335	340	350	345	340	335	335	345	345	340	345	5	25	35	15	10	10	335			
27	25	25	20	5	10	10	355	15	345	345	335	330	325	290	290	270	265	230	190	120	120	135	140	145	25			
28	150	145	135	120	125	135	135	145	130	135	130	160	165	170	200	265	260	260	255	255	260	260	265	270	135			

OSWEGO NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

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

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE LO-CUP (9)					WIND DIRECTION-CUP (DEG)										(WDRC)		DATA FOR APRIL								1981
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	120	120	115	125	125	120	130	130	135	145	155	180	165	170	270	245	130	115	170	170	245	240	260	260	120
02	245	245	255	260	270	270	270	275	280	270	275	270	270	270	270	255	250	250	255	245	245	245	270	95	270
03	125	160	170	150	150	155	155	155	175	195	215	250	245	245	245	250	245	245	160	150	175	180	205	245	
04	165	160	170	180	185	175	180	180	180	180	180	170	170	175	165	195	270	250	215	145	160	145	155	180	180
05	145	160	155	165	160	185	210	245	250	260	280	270	255	270	275	275	280	280	285	275	270	280	270	270	270
06	270	275	280	275	280	270	270	285	305	295	295	290	280	275	270	265	265	265	275	285	290	295	300	300	270
07	295	275	270	260	255	240	235	235	245	245	240	260	255	275	320	5	65	60	95	195	105	115	130	155	105
08	180	175	175	170	170	170	160	165	175	175	200	210	220	205	205	280	270	215	165	120	125	140	180	230	175
09	185	175	180	185	180	170	180	195	***	***	265	220	265	245	255	260	250	255	265	280	285	285	280	275	265
10	265	260	250	265	260	250	245	245	250	255	240	245	245	250	265	310	25	75	100	105	115	130	165	180	245
11	180	185	185	195	195	185	195	220	240	230	240	250	260	265	280	250	255	255	255	260	270	40	55	40	185
12	45	55	50	50	40	45	45	55	45	40	35	25	20	20	25	25	25	55	70	60	75	85	95	110	25
13	105	120	110	120	110	125	120	130	140	150	***	***	***	165	160	165	170	180	165	175	170	165	165	155	165
14	155	150	145	150	140	135	150	160	160	165	175	190	190	230	255	260	265	270	275	285	285	285	300	310	150
15	330	340	315	305	310	305	320	315	310	305	300	290	275	265	260	265	260	255	265	275	270	290	295	250	265
16	230	200	200	205	210	210	200	215	225	245	245	245	250	260	265	260	255	255	255	240	220	175	160	145	200
17	140	140	160	170	195	195	185	170	165	180	190	185	185	180	215	240	240	245	245	240	255	275	215	155	185
18	125	220	245	210	230	245	255	245	245	260	255	265	265	270	270	270	270	260	270	275	285	290	305	310	270
19	35	20	45	50	30	45	50	45	10	330	315	315	315	325	335	20	55	290	235	200	230	240	235	255	45
20	270	275	310	350	350	345	350	350	0	0	345	345	325	320	315	290	290	330	345	350	355	355	0	355	345
21	0	355	350	355	0	10	10	5	350	340	325	310	295	285	230	260	255	255	235	195	170	160	150	145	10
22	155	180	165	155	175	160	140	145	90	45	30	10	10	10	15	10	10	5	65	75	85	90	80	95	10
23	100	90	95	95	105	120	120	120	115	115	115	120	125	125	125	130	130	135	150	165	170	185	240	245	120
24	240	240	190	195	160	245	265	260	260	250	255	260	260	260	260	260	250	255	250	250	255	320	300	300	260
25	300	285	285	285	280	280	285	285	280	280	280	280	280	280	275	275	275	270	270	275	275	265	265	270	280
26	270	265	260	260	260	255	255	255	255	260	255	255	255	260	260	255	260	260	250	255	250	265	265	250	255
27	250	245	245	250	250	255	255	250	255	255	260	260	265	260	255	255	255	250	240	225	215	215	235	245	255
28	240	250	240	250	245	245	250	245	240	260	315	5	45	15	15	30	60	65	95	95	110	120	125	125	240
29	130	140	135	170	200	220	235	260	260	255	250	250	255	260	270	280	300	265	260	260	235	240	240	245	260
30	240	240	250	245	250	240	255	250	260	250	260	275	270	270	265	260	255	260	240	230	235	225	175	150	240

OSWEGO
NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG1

NINE MILE LO-CUP (9)					WIND DIRECTION-CUP (DEG)										(WDRC)		DATA FOR MAY							198		
HOUR	ENDING	01	2	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		145	110	95	15	50	65	60	50	25	25	15	0	0	0	355	335	340	350	345	320	315	320	340	0	0
02		350	0	15	5	20	20	20	5	345	340	310	290	270	265	265	265	260	260	265	255	250	260	255	255	265
03		255	240	250	250	235	200	235	255	260	270	275	280	280	275	275	270	270	255	230	205	210	140	110	115	255
04		115	120	110	115	130	240	285	300	340	350	350	350	320	285	285	290	310	270	135	115	105	100	115	115	
05		150	210	120	80	270	175	170	160	200	170	355	345	20	345	20	355	5	70	330	215	120	145	245	245	20
06		245	240	280	0	235	260	10	5	0	5	355	350	345	340	280	265	260	300	330	5	15	30	30	40	5
07		25	15	30	40	35	20	15	15	5	330	300	275	270	265	265	260	250	250	185	110	115	165	240	15	
08		200	195	205	205	195	155	175	235	315	320	305	315	355	20	10	60	65	70	85	125	135	145	155	150	155
09		155	155	150	140	135	135	145	155	170	180	180	175	180	185	190	170	175	150	150	150	150	155	165	150	150
10		180	190	160	140	130	135	135	135	145	150	135	150	155	40	40	60	65	65	60	70	45	200	210	70	135
11		85	120	125	130	130	135	130	135	135	125	120	115	125	115	140	140	135	120	125	125	135	135	135	140	135
12		140	270	245	245	230	235	245	245	255	245	245	250	260	265	270	270	260	255	260	260	255	250	250	255	245
13		250	255	245	255	260	255	255	250	250	255	250	265	265	250	255	250	250	245	255	275	260	245	255	235	255
14		235	235	205	200	210	240	245	245	250	260	275	280	305	350	25	60	55	55	65	55	90	75	65	70	55
15		125	120	185	80	100	35	40	290	10	55	35	35	1	85	5	55	95	235	215	215	135	295	280	255	35
16		250	245	255	250	255	245	245	240	250	255	245	245	245	245	265	310	330	325	325	310	275	125	310	350	245
17		15	10	15	10	20	20	15	5	330	330	325	305	275	270	255	255	255	255	245	210	185	190	240	295	255
18		340	35	170	175	235	270	270	280	***	265	270	260	265	255	260	265	265	260	260	250	250	235	235	200	260
19		185	180	190	180	200	205	260	260	250	250	255	250	250	250	255	255	255	250	235	220	130	140	165	180	250
20		185	175	105	150	155	140	210	255	250	255	260	265	265	265	280	290	275	260	225	175	160	160	155	170	265
21		170	190	175	175	170	175	160	220	245	240	255	250	255	310	335	255	255	250	235	200	235	205	220	255	255
22		270	270	255	250	255	265	260	265	290	275	265	260	260	260	250	250	250	255	255	250	190	140	165	160	250
23		165	105	105	170	165	160	245	65	0	30	5	320	285	270	275	280	255	255	265	205	150	130	130	155	105
24		115	180	125	340	95	125	220	240	290	270	280	270	275	265	260	265	260	255	275	150	110	130	145	150	125
25		150	140	135	120	155	165	170	190	195	235	245	255	250	300	65	95	95	150	155	170	155	160	175	210	95
26		240	245	220	175	170	160	180	185	205	200	230	255	260	270	270	265	245	230	180	195	140	125	65	130	180
27		125	145	170	205	195	95	320	0	50	345	15	25	5	50	80	70	55	50	80	50	85	70	75	125	50
28		160	270	250	255	130	95	245	320	175	185	185	200	0	10	0	15	55	60	95	100	110	165	170	150	0
29		140	125	110	120	115	110	115	120	130	140	155	150	320	350	330	340	0	310	260	245	190	220	205	135	110
30		135	155	155	170	175	170	175	175	185	195	230	255	255	265	260	255	245	190	180	285	235	250	260	245	255
31		245	240	245	250	245	245	245	250	260	255	250	255	250	245	245	250	245	250	265	280	265	270	255	250	245

OSWEGO
 NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG11

NINE MILE LO-CUP (9)					WIND DIRECTION-CUP (DEG)										(WDRC)		DATA FOR JUNE								1981
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	250	250	240	245	215	245	265	255	260	265	280	280	285	280	280	285	335	0	75	85	110	105	110	90	280
02	85	80	125	130	140	135	135	140	155	160	160	160	160	145	145	155	170	175	160	160	140	145	130	145	160
03	145	145	140	140	130	130	135	150	145	160	160	160	145	130	165	180	175	175	175	170	140	145	170	175	145
04	175	175	170	190	165	210	245	240	240	240	245	250	245	270	255	250	245	245	245	245	250	240	235	230	245
05	230	230	245	255	240	250	245	245	260	260	255	260	260	290	335	0	60	105	110	130	135	155	190	205	260
06	195	180	190	205	195	205	220	240	245	240	255	250	245	250	260	260	265	270	270	265	265	260	260	265	260
07	265	265	265	280	345	340	320	325	320	305	285	265	265	265	265	265	260	255	245	220	185	185	190	180	265
08	175	165	135	125	145	150	155	185	150	165	175	175	170	160	150	155	150	150	150	155	125	145	195	195	150
09	200	210	230	240	275	255	230	245	245	250	245	250	255	255	260	255	255	255	250	245	260	265	255	255	255
10	250	235	225	205	170	200	220	245	255	270	270	275	280	15	60	125	165	275	280	255	230	230	235	245	230
11	240	255	255	255	260	255	260	260	255	250	245	245	245	250	250	250	250	245	240	245	255	250	245	240	245
12	245	230	220	190	160	165	165	180	180	160	240	160	190	355	70	105	125	130	160	155	145	165	150	110	160
13	155	230	280	270	260	325	15	80	35	35	20	5	5	330	25	55	60	85	85	85	90	115	110	115	85
14	125	115	95	100	120	130	130	130	130	215	160	150	180	185	135	120	100	110	120	135	120	145	135	145	130
15	145	135	140	140	135	140	155	155	165	***	210	255	255	320	390	340	335	245	240	190	205	170	140	155	140
16	165	180	185	190	180	175	190	205	230	245	255	260	250	255	250	250	245	230	220	215	230	240	245	245	245
17	245	255	260	245	235	250	240	235	245	255	255	255	250	245	245	245	250	255	245	240	210	180	200	140	245
18	155	160	165	145	145	150	160	155	155	175	215	355	350	30	30	355	300	180	135	115	135	155	165	185	155
19	185	185	230	185	170	175	180	195	205	250	260	295	330	355	60	70	60	50	85	165	240	250	255	250	185
20	245	240	275	310	320	40	40	35	55	0	25	300	305	280	320	315	185	145	135	110	205	225	190	165	40
21	170	220	185	170	150	115	280	180	105	135	160	180	115	355	345	350	20	260	245	125	125	130	135	120	115
22	125	90	75	115	135	150	145	160	165	175	230	240	250	250	250	255	265	270	265	260	255	265	265	270	265
23	265	265	265	255	250	260	255	245	235	240	245	250	245	250	250	260	255	255	245	250	215	220	220	230	245
24	200	175	150	160	175	165	175	170	240	270	280	285	290	345	80	70	80	85	90	90	120	125	130	135	50
25	140	160	180	195	195	205	225	235	190	195	210	235	240	240	250	245	240	265	265	285	260	260	265	255	240
26	255	255	260	260	260	265	270	265	270	270	275	275	270	270	270	295	285	270	240	225	200	225	205	195	270
27	195	190	205	215	230	245	250	250	245	245	245	250	260	285	255	260	260	255	240	180	140	100	100	115	250
28	110	140	150	155	165	165	185	210	280	15	340	325	345	355	10	25	55	10	75	100	110	120	130	140	10
29	150	160	160	165	170	165	155	160	165	175	175	170	170	170	175	180	175	160	140	135	135	140	145	155	160
30	155	165	170	165	160	160	155	170	165	150	175	255	315	340	320	5	75	95	35	50	65	65	70	60	165

OSWEGO
 NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG11

NINE MILE LO-CUP (9)									WIND SPEED-CUP (MPH)										(WSPC)		DATA FOR JANUARY 1981										AVG
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							
01	3	2	2	2	4	3	2	2	5	7	6	4	4	4	6	4	2	2	5	7	7	6	6	7	4						
02	6	6	7	17	18	9	15	31	35	33	35	32	30	31	33	36	36	35	34	31	25	23	20	17	25						
03	16	11	7	4	6	4	3	3	4	4	3	4	3	3	4	5	6	7	9	11	17	19	13	8	7						
04	11	9	8	8	6	6	8	11	13	15	15	15	17	13	11	11	11	9	10	12	10	11	12	13	11						
05	13	12	11	10	9	10	8	7	11	11	9	8	12	13	11	12	12	12	7	4	8	9	9	9	10						
06	9	8	8	5	4	5	7	7	7	8	9	10	8	9	7	6	8	7	8	8	9	9	10	10	8						
07	9	7	8	8	8	8	8	14	27	27	28	29	30	31	28	29	29	30	32	33	28	22	21	21	21						
08	21	20	20	16	17	19	18	18	16	14	14	14	14	19	20	22	22	20	19	19	16	16	12	12	17						
09	11	5	4	4	4	4	4	7	8	8	8	8	7	7	6	6	4	3	3	4	5	6	9	8	6						
10	8	7	7	7	11	17	19	21	19	18	18	19	19	18	18	19	23	21	19	17	16	14	13	11	16						
11	10	9	8	9	8	7	7	2	3	4	7	8	9	9	13	13	14	18	16	15	16	16	15	12	10						
12	11	4	4	4	4	4	5	6	5	4	5	****	6	3	5	4	4	5	5	6	7	9	8	6	5						
13	7	7	5	5	5	6	5	5	4	4	3	5	3	2	3	2	0	1	3	3	1	2	3	3	4						
14	3	3	2	3	5	5	5	6	6	4	6	4	2	1	2	2	0	0	2	2	2	2	2	2	3						
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****						
16	2	2	2	2	2	4	2	4	4	3	5	5	4	5	6	6	4	5	6	6	5	5	7	9	4						
17	6	6	6	8	9	9	6	6	6	7	6	6	7	7	7	6	6	9	9	8	7	3	3	7	7						
18	3	2	3	3	4	10	9	10	9	9	9	17	15	15	19	19	20	23	25	26	25	26	27	24	15						
19	25	24	20	20	19	20	18	19	19	18	18	19	18	18	17	17	17	19	18	16	19	19	18	18	19						
20	15	12	7	5	4	5	6	7	7	7	7	6	5	4	4	3	4	3	3	4	5	6	6	5	6						
21	2	1	1	2	2	2	3	2	2	1	2	3	2	2	3	2	2	3	2	0	4	7	9	7	3						
22	6	5	6	5	6	9	20	21	21	20	19	18	19	20	20	18	16	16	20	19	19	19	17	18	16						
23	17	15	14	13	13	12	10	11	11	10	5	4	5	5	4	5	9	9	12	17	17	18	17	14	11						
24	12	11	11	11	9	9	10	6	3	5	5	4	3	2	2	2	1	1	1	3	3	3	4	5	5						
25	5	4	5	4	6	6	5	7	7	7	7	8	8	9	8	6	6	8	10	9	10	11	9	11	7						
26	12	12	13	13	15	13	13	13	14	13	11	10	9	8	8	6	10	19	18	19	17	13	14	15	13						
27	14	12	13	12	13	12	11	8	8	9	9	13	14	13	12	14	1	11	12	10	9	12	14	13	12						
28	13	13	11	11	7	5	3	3	3	2	3	2	2	2	3	4	4	3	2	3	5	4	5	5	5						
29	5	5	4	4	3	4	4	4	6	5	5	6	7	7	6	5	6	7	8	7	9	11	11	11	6						
30	11	8	6	6	5	6	6	9	10	11	9	8	9	8	8	8	11	11	12	15	17	15	14	11	10						
31	11	9	9	8	6	3	3	3	3	4	4	4	6	10	7	8	8	4	2	1	3	3	5	6	5						

-JG11

NINE MILE LO-CUP (9)					WIND SPEED-CUP (MPH)										(WSPC)				DATA FOR FEBRUARY 1981							
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	5	4	6	8	6	12	14	13	13	10	10	14	10	8	12	11	8	11	14	16	17	16	16	15	11	
02	14	9	7	7	8	7	5	7	15	10	13	18	20	25	27	27	24	27	32	30	29	28	28	25	18	
03	24	24	26	23	21	11	10	9	7	8	6	7	11	14	12	13	11	9	11	12	17	13	10	9	13	
04	10	8	9	9	7	7	6	7	7	8	9	9	11	13	13	15	12	10	11	24	26	25	25	20	13	
05	19	17	15	14	13	13	13	11	9	7	4	5	5	10	8	7	7	4	2	3	5	5	7	6	9	
06	6	5	7	7	8	8	5	6	8	9	11	10	8	8	9	7	6	7	9	9		27	26	21	10	
07	19	11	6	6	5	5	7	5	6	7		8	9	9	9	7	3	4	5	8		8	6	7	7	
08	8	8	6	6	4	4	6	3	3	3	3	6	11	11	11	12	12	18	23	24	27		29	27	12	
09	27	24	25	24	27	27	28	26	27	26	25	24	23	21	21	21	18		10	19	17		4	5	20	
10	6	7	6	6	5	4	5	6	7	6	7	10	11	10	11	13	13	16	20	18	18	1	21	23	11	
11	21	20	18	18	15	14	15	17	16	10	9	13	12	15	14	19	31	32	32	31	31	30	7	29	20	
12	30	31	30	30	31	28	30	31	27	23	23	21	20	19	20	18	16	14	6	6	6	7		8	20	
13	7	8	9	6	5	4	7	7	6	6	8	6	4	3	3	4	2	0	1	1	4	4		5	5	
14	4	5	7	6	6	6	5	7	6	5	9	12	12	10	8	9	10	8	7	5	2	1	2		7	
15	3	2	3	5	7	5	5	4	7	8	9	9	9	8	8	6	5	6	9	9	10	9	10	12	7	
16	11	12	10	10	8	7	9	10	9	10	12	11	12	11	7	7	6	4	3	5	5	6	7	7	8	
17	6	8	8	8	7	2	3	3	1	2	5	7	6	5	5	2	3	1	1	1	1	6	5	5	4	
18	5	5	6	6	5	5	6	6	7	6	7	8	6	6	7	5	5	5	6	7	4	5	4	5	6	
19	8	8	6	4	6	7	9	8	4	5	6	6	4	4	4	2	5	7	7	6	6	4	6	7	6	
20	7	8	8	7	7	7	8	8	8	7	7	4	4	5	6	6	6	4	5	4	5	3	3	2	6	
21	1	1	2	6	5	4	3	6	6	4	6	5	5	2	5	6	4	1	6	9	3	1	2	3	4	
22	1	2	3	1	1	1	1	2	1	4	9	9	9	10	10	11	13	10	10	12	13	13	14	11	7	
23	10	8	8	8	11	14	14	13	13	14	14	15	13	11	9	11	11	13	10	7	6	1	2	1	10	
24	1	2	0	9	1	0	0	0	0	2	5	6	5	5	3	1	1	2	5	4	1	0	1	2	2	
25	3	2	8	12	10	12	15	14	17	12	11	8	9	13	16	18	17	16	13	9	2	2	5	7	10	
26	8	8	12	12	11	12	11	12	10	6	7	8	8	10	6	6	6	3	2	3	4	4	8	8	8	
27	7	7	8	7	6	5	7	6	5	5	5	7	5	5	4	4	1	0	0	0	1	2	2	2	4	
28	3	6	6	5	7	7	9	9	6	8	12	9	9	9	7	15	18	18	18	20	21	21	23	23	12	

-JG11

NINE MILE LO-CUP (9)					WIND SPEED-CUP (MPH)										(WSFC)			DATA FOR MARCH										1981
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	23	22	20	19	18	17	18	17	17	17	15	19	20	19	17	16	13	15	19	17	12	9	5	17			
02	5	3	2	2	4	5	14	17	21	19	18	15	18	21	23	23	23	24	23	21	22	22	20	19	16			
03	18	17	17	17	15	16	11	15	15	14	12	12	13	14	16	17	18	17	16	17	15	17	16	15	15			
04	14	11	8	6	2	1	3	4	****	****	****	6	7	9	8	8	7	7	7	8	7	7	5	7	7			
05	6	3	6	5	3	2	2	2	3	4	6	6	6	6	8	8	8	8	8	6	6	6	7	7	6			
06	6	5	5	8	8	7	9	12	9	6	7	8	10	13	15	16	19	20	21	21	20	16	7	10	12			
07	12	16	17	17	17	18	17	18	16	15	14	13	13	15	18	16	16	15	14	10	9	5	1	1	13			
08	3	2	1	2	2	0	3	5	3	4	6	5	5	7	10	9	8	7	7	9	9	9	11	12	6			
09	12	14	15	16	15	14	12	14	15	16	13	13	14	13	13	13	15	16	12	10	9	8	8	8	13			
10	10	10	10	10	9	8	9	10	10	9	9	8	7	7	10	10	9	10	9	13	13	11	12	14	10			
11	14	13	15	15	16	15	14	12	8	5	3	3	3	4	6	9	14	15	18	21	20	19	14	16	12			
12	18	20	16	19	18	17	13	9	9	7	5	7	9	10	11	8	8	2	3	4	3	5	5	7	10			
13	9	6	7	10	9	13	11	11	12	13	16	17	17	20	21	21	21	23	24	24	23	23	23	22	17			
14	21	20	18	19	16	16	16	16	14	16	18	19	18	19	19	19	20	22	21	26	28	25	21	12	19			
15	9	12	18	21	21	20	14	13	13	15	15	13	12	12	10	12	15	12	4	1	11	14	12	13	13			
16	12	15	14	10	9	12	12	12	11	10	10	9	9	9	9	7	10	9	13	10	9	7	15	14	11			
17	12	9	2	3	2	3	4	7	9	10	7	8	10	35	35	35	31	30	32	31	28	25	24	23	17			
18	19	13	15	16	15	17	16	15	9	10	10	12	14	16	18	16	16	15	15	11	12	12	11	7	14			
19	8	8	5	4	2	1	3	2	2	0	1	2	4	8	10	11	12	10	8	4	3	1	0	2	5			
20	2	3	3	2	2	2	2	2	3	3	3	5	4	3	1	0	0	0	0	3	3	5	2	3	2			
21	3	6	5	3	2	5	8	10	10	11	8	6	6	8	11	11	13	12	11	8	4	3	7	6	7			
22	5	3	2	3	3	3	1	2	2	1	3	6	6	5	3	3	5	3	1	2	1	1	2	0	3			
23	****	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4			
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****			
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****			
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****			
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****			
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****			
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****			
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****			
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****			

OSWEGO NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE LO-CUP (9)				WIND SPEED-CUP (MPH)														(WSPC)							DATA FOR APRIL								1981
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	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG								
01	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
02	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
03	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
04	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
05	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
06	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
07	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
08	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
09	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
10	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
11	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
12	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX								
13	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	9	11	9	11	11	9	7	8	11	11	12	10								
14	15	13	11	12	11	16	16	16	19	18	20	18	17	25	30	28	27	28	27	31	32	32	28	23	21								
15	14	9	19	20	18	20	17	17	14	14	16	18	21	22	24	24	23	21	21	16	15	10	7	4	17								
16	4	5	6	7	6	5	11	9	14	17	15	14	12	9	8	8	19	10	12	10	5	4	4	4	9								
17	7	8	7	7	8	7	8	8	9	9	9	9	9	8	6	5	7	11	10	9	7	2	2	2	7								
18	4	10	14	11	13	19	18	16	17	21	22	26	27	28	29	26	24	22	23	21	17	15	10	7	18								
19	1	1	2	4	4	5	5	4	4	4	5	6	6	5	4	3	2	1	1	2	5	5	4	5	4								
20	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	14	11	12	10	8	7	4	8	8	8	8	8	9	9								
21	9	10	10	8	8	7	8	8	7	7	8	9	10	9	7	9	11	9	5	3	3	3	3	3	7								
22	4	4	3	3	4	4	3	3	3	5	6	7	6	6	6	4	4	3	2	2	3	2	2	2	4								
23	3	2	2	4	7	8	8	9	9	10	13	12	10	11	10	11	9	11	10	9	8	7	10	8	8								
24	5	5	2	2	2	0	2	5	5	5	8	11	8	6	7	8	11	15	16	16	14	12	12	18	8								
25	19	18	20	20	18	19	17	16	17	18	19	19	18	17	18	18	18	17	15	15	15	15	14	14	17								
26	15	15	16	16	16	17	17	16	15	14	14	12	11	11	13	10	10	9	9	10	9	11	7	10	13								
27	10	7	10	9	8	10	9	10	10	11	10	9	8	9	7	7	8	7	5	3	3	3	6	8	8								
28	8	10	8	8	7	7	9	8	6	6	4	3	4	4	3	4	4	3	2	3	7	9	8	8	6								
29	9	8	6	7	8	8	10	17	16	14	13	12	8	8	5	4	6	7	7	10	5	6	6	9	9								
30	8	8	10	7	9	8	9	9	9	12	10	7	5	6	7	8	6	7	6	7	3	2	3	3	7								

OSWEGO NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG1

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

OSWEGO
 NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG1

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

OSWEGO
NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)						WIND DIRECTION (DEG)										(WDRU)		DATA FOR JANUARY 1981										AVG	
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					
01	80	135	130	120	110	105	110	120	125	135	125	120	125	120	145	130	110	120	120	125	140	145	140	150	120				
02	150	165	185	265	285	255	255	280	280	290	300	305	280	280	285	285	280	285	290	295	300	300	300	305	280				
03	305	325	335	55	100	110	105	90	110	120	100	80	75	60	50	40	30	35	345	335	305	300	310	310	110				
04	305	320	350	30	30	10	330	320	310	300	300	320	310	315	320	320	330	340	325	320	320	310	320	315	320				
05	310	310	315	315	320	315	315	315	310	320	320	315	290	285	280	275	270	275	215	190	210	210	215	210	315				
06	205	200	195	190	185	190	175	180	175	170	170	175	165	160	155	160	150	150	145	145	150	165	175	180	175				
07	175	175	175	175	170	190	195	225	285	280	280	290	280	285	285	285	280	285	285	280	295	300	305	305	285				
08	300	300	295	300	300	300	300	305	310	305	300	295	295	285	280	285	290	290	285	290	305	310	320	320	300				
09	315	10	110	125	155	165	170	175	175	185	190	185	180	180	180	180	180	175	175	190	185	175	180	195	180				
10	195	205	190	215	325	310	290	295	295	295	300	295	285	285	290	300	295	300	300	310	310	325	335	345	295				
11	340	335	320	335	340	335	340	160	155	235	335	315	300	310	295	290	280	290	300	305	300	295	300	310	300				
12	315	100	105	120	145	160	155	170	160	145	145	145	145	150	145	140	145	135	130	135	140	135	140	140	145				
13	135	140	140	145	145	145	145	150	150	145	130	135	120	140	115	100	90	70	65	75	85	65	75	110	145				
14	115	130	125	120	130	120	120	125	120	125	120	120	80	75	75	85	85	100	40	90	110	115	115	110	120				
15	100	85	80	90	70	70	85	85	75	75	75	70	50	30	30	40	45	55	50	55	40	50	60	55	50				
16	85	100	115	135	165	145	145	150	165	165	170	200	330	330	315	330	340	345	345	350	340	355	340	340	340				
17	335	345	350	335	335	345	345	350	***	***	5	355	340	320	325	320	310	290	300	315	315	30	160	300	345				
18	310	185	150	135	195	220	215	210	205	215	210	275	310	295	285	285	280	270	270	275	285	275	270	270	270				
19	265	280	280	275	260	265	265	255	255	250	250	250	250	250	250	250	255	260	250	255	265	270	280	285	250				
20	285	295	310	325	355	20	30	30	30	30	35	25	30	25	20	20	20	25	20	20	25	30	30	40	30				
21	45	35	20	80	80	90	170	275	60	115	115	80	30	285	270	300	295	190	160	145	160	170	165	175	80				
22	175	160	165	200	215	220	255	250	245	245	240	245	245	250	260	260	275	280	280	285	290	290	285	285	245				
23	280	290	295	300	305	320	305	310	310	325	330	325	320	300	260	250	260	255	275	285	290	290	310	330	290				
24	330	315	310	305	315	320	325	335	350	25	30	20	5	15	345	305	330	320	290	215	175	200	210	195	305				
25	190	195	185	175	190	190	180	165	155	165	160	140	150	145	140	140	135	135	135	140	145	150	155	160	140				
26	160	155	155	160	160	165	165	185	185	***	175	165	180	190	210	210	210	245	235	225	225	235	235	165	165				
27	225	230	230	235	235	230	225	230	230	225	225	230	220	235	275	255	250	255	270	285	310	300	290	300	230				
28	300	305	305	310	315	330	325	315	300	315	330	320	325	335	15	10	10	10	355	340	335	355	25	20	10				
29	15	25	30	25	20	25	35	25	25	20	10	350	345	345	345	330	335	315	310	310	310	315	315	315	25				
30	310	335	15	350	350	350	350	340	330	330	325	315	310	300	305	285	280	280	280	285	290	305	310	320	280				
31	310	305	310	305	310	70	95	125	140	160	195	210	235	240	230	250	240	225	175	160	150	150	145	130	150				

OSWEGO NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)					WIND DIRECTION (DEG)										(WDRU)		DATA FOR								FEBRUARY	1981
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	125	125	125	130	130	140	140	140	145	140	140	145	145	170	155	155	150	155	155	160	165	165	160	165	140	
02	170	180	170	175	175	175	185	205	250	245	260	260	250	245	235	230	225	230	245	250	240	265	270	260	245	
03	255	235	270	270	260	260	290	300	300	305	305	230	230	230	225	215	205	205	210	200	230	220	210	215	230	
04	205	205	205	205	200	200	205	200	205	205	210	210	195	205	210	215	215	205	210	280	290	280	275	275	205	
05	280	295	275	285	290	295	295	300	295	290	330	160	160	210	205	190	185	195	170	160	150	160	160	160	160	
06	155	160	155	160	160	160	155	145	145	170	170	175	175	175	190	175	170	180	180	200	220	255	270	275	175	
07	245	225	210	205	200	195	195	180	180	180	175	160	165	180	170	160	150	135	125	140	140	135	140	160	180	
08	160	165	165	165	165	165	175	170	150	180	275	300	295	285	285	285	305	290	275	270	280	260	250	250	165	
09	245	240	240	250	260	255	255	260	265	255	235	250	245	245	260	250	250	210	220	245	245	200	185	175	245	
10	170	200	185	180	175	170	160	145	140	130	130	130	125	125	140	140	135	130	140	140	135	135	135	135	135	
11	140	145	140	135	135	145	145	135	140	140	145	165	165	220	250	260	270	260	265	265	265	270	265	255	140	
12	255	255	250	250	255	265	265	275	270	270	270	270	270	275	255	250	240	240	210	205	200	205	195	195	270	
13	195	190	190	180	170	155	140	135	140	160	175	180	215	260	255	260	150	150	145	145	145	135	130	130	145	
14	135	140	150	155	160	170	170	180	195	210	240	245	260	270	265	260	280	290	285	290	325	60	90	115	170	
15	125	145	135	135	135	135	135	125	120	140	145	145	150	155	150	150	140	135	135	145	150	155	165	170	135	
16	170	175	170	16	165	160	155	155	150	150	155	160	160	160	170	160	155	165	175	180	180	185	190	195	160	
17	200	205	220	220	220	235	245	250	235	205	185	190	195	225	245	285	270	250	225	160	180	210	210	215	205	
18	210	200	195	195	195	195	200	195	190	190	185	180	180	185	180	155	145	145	150	150	150	145	140	140	195	
19	155	155	165	150	150	160	170	165	150	135	140	145	145	130	145	125	140	160	150	140	135	135	125	120	135	
20	120	125	115	115	110	105	110	110	110	105	100	75	50	40	40	40	30	25	30	20	35	35	50	60	40	
21	65	100	130	240	230	225	225	235	230	215	230	215	240	180	245	270	315	345	285	250	250	240	230	235	230	
22	220	100	125	165	100	100	75	85	115	120	120	120	120	120	115	120	120	110	125	125	120	115	115	115	120	
23	120	125	125	125	125	130	130	125	125	125	125	125	125	120	115	125	120	115	130	175	250	250	80	75	125	
24	275	270	240	200	235	160	160	180	200	220	250	240	245	***	270	295	310	300	270	255	260	230	215	200	200	
25	185	195	240	240	240	255	255	255	260	260	285	305	280	270	270	260	260	280	295	320	340	340	330	335	260	
26	330	335	330	330	325	325	335	325	325	340	335	335	335	335	340	345	335	345	350	0	10	355	345	350	335	
27	10	10	10	350	350	355	340	355	335	325	335	325	315	280	285	270	250	210	190	140	135	150	135	150	10	
28	150	145	140	145	130	130	125	150	145	135	145	155	165	170	190	260	265	245	250	250	265	255	250	255	145	

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

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

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NINE MILE UPPER (9)					WIND DIRECTION (DEG)										(WDR!!)										DATA FOR				APRIL	193
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	115	105	105	125	130	110	125	120	135	145	155	165	165	180	280	250	130	165	165	190	245	250	265	265	165					
02	260	250	250	260	255	260	265	260	270	265	270	255	260	265	260	250	250	260	270	250	240	245	255	150	260					
03	180	180	175	170	145	155	155	155	165	205	235	240	240	245	245	245	240	240	190	170	180	180	205	180						
04	165	165	185	185	180	180	180	175	180	180	180	165	165	185	175	200	270	255	220	155	165	145	170	180						
05	155	165	170	180	175	185	215	245	250	260	275	265	265	280	280	275	280	275	280	270	255	270	265	265						
06	265	280	275	270	260	260	255	280	285	285	295	285	275	265	270	275	255	265	275	280	285	290	295	295						
07	290	280	270	260	255	245	225	230	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						
08	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	170	175	185	200	200	220	185	220	290	310	285	155	140	145	165	200	235						
09	190	185	185	190	175	185	185	190	200	205	225	220	265	250	255	250	255	260	270	285	275	290	285	275						
10	275	265	270	270	245	240	240	240	240	240	240	245	260	260	255	280	345	10	60	60	85	95	XXXX	XXXX						
11	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	250	255	230	240	250	290	285	280	270	270	270	270	270	XXXX	25	25	20						
12	25	40	35	35	25	35	40	40	35	25	335	335	345	20	15	15	20	65	50	45	65	110	130	120						
13	125	130	120	125	130	140	135	140	145	145	150	145	155	155	145	145	145	160	170	165	165	160	155	165						
14	160	160	160	160	150	150	155	155	165	165	180	185	195	240	260	260	265	265	275	280	290	295	310	330						
15	340	310	315	300	300	315	315	310	305	295	295	285	280	260	250	250	260	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						
16	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	215	235	240	240	250	255	270	275	270	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						
17	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	170	180	175	185	190	195	205	230	255	250	245	245	235	265	260	225						
18	150	220	250	225	240	245	260	250	255	260	260	265	265	265	260	255	260	260	265	270	280	295	310	325						
19	345	0	0	0	335	25	35	45	25	330	310	300	305	325	335	20	40	315	245	225	240	245	250	260						
20	300	280	305	355	355	355	350	340	345	345	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						
21	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	315	310	300	310	310	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						
22	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						
23	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	65	65	75	75	75	75	80	125	140	155	170	205	240	235	210	205						
24	165	215	255	XXXX	XXXX	XXXX	XXXX	265	265	250	255	260	260	260	250	245	235	235	275	295	280	280	275	275						
25	280	280	XXXX	XXXX	XXXX	XXXX	XXXX	275	280	275	275	275	270	265	265	260	265	270	260	260	260	255	250	245						
26	250	245	250	250	255	265	260	255	255	255	255	265	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						
27	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	250	245	250	255	260	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						
28	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	240	230	235	265	35	180	350	355	10	60	75	100	115	125	125	130	140	160						
29	205	215	XXXX	XXXX	XXXX	XXXX	245	260	250	245	245	260	270	290	300	290	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						
30	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	240	240	240	245	260	270	260	260	255	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX						

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

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)		WIND DIRECTION (DEG)																(WDRU)								DATA FOR JUNE								1981
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		****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****								
02		****	****	****	****	****	****	****	****	****	****	50	155	150	145	135	150	165	175	****	****	****	****	****	****	150								
03		****	****	****	****	****	****	****	170	150	155	165	160	155	160	170	170	165	170	140	135	140	180	180	170									
04		180	190	200	195	210	****	****	240	240	250	240	250	250	255	260	255	250	255	255	250	240	235	220	250									
05		240	240	245	235	225	225	225	235	235	245	255	270	280	310	340	340	60	95	105	120	165	190	215	225	225								
06		210	185	195	205	195	205	215	230	235	250	250	245	245	245	260	260	260	270	270	265	265	260	255	270	260								
07		265	260	270	290	340	340	330	330	335	315	290	265	260	255	260	260	250	235	245	235	235	230	245	235	235								
08		235	230	205	180	165	150	160	175	170	160	170	165	165	160	150	150	160	155	160	160	135	150	190	200	160								
09		200	210	220	235	275	275	240	245	250	255	255	255	255	255	255	260	260	255	255	255	265	280	275	265	255								
10		270	255	235	235	235	225	235	250	250	260	265	280	95	15	0	125	165	260	270	250	240	240	235	250	235								
11		255	265	260	260	260	250	265	260	255	250	245	250	245	245	260	260	240	240	245	255	270	260	255	245	260								
12		260	240	230	230	230	225	205	185	185	160	205	155	180	330	45	95	130	135	155	145	150	160	190	220	155								
13		255	265	285	275	270	340	30	80	35	40	20	40	40	15	50	65	65	80	95	115	120	120	120	120	120								
14		150	135	110	115	135	140	135	135	135	235	175	145	150	140	135	115	95	115	130	135	120	145	145	155	135								
15		160	150	155	150	150	150	150	165	170	****	210	230	245	315	290	345	240	255	255	225	205	185	150	150	150								
16		165	170	175	180	180	190	185	195	220	230	240	265	270	255	245	235	235	225	220	230	220	250	240	235	220								
17		240	245	250	245	235	235	240	235	235	240	245	240	240	240	240	235	245	245	245	240	245	230	230	255	240								
18		235	230	220	185	170	170	155	150	150	165	190	290	310	25	40	165	200	170	155	145	145	155	165	170	155								
19		175	185	230	205	185	180	180	185	190	230	240	265	285	320	40	50	20	340	0	455	295	280	255	245	180								
20		280	290	270	300	320	350	15	25	40	5	355	335	325	330	330	330	340	335	345	385	330	295	315	315	330								
21		260	245	240	210	175	150	200	195	115	125	145	155	340	0	340	0	25	80	230	205	175	150	150	135	150								
22		125	105	105	125	135	140	135	150	155	160	215	225	240	240	235	235	250	255	250	245	240	250	250	255	250								
23		255	250	255	250	245	255	255	240	230	230	235	235	240	245	235	245	240	240	245	245	225	220	230	235	235								
24		240	235	225	210	215	200	170	170	220	260	265	265	270	330	55	55	70	75	90	100	125	125	130	150	55								
25		150	160	175	185	185	200	225	230	195	190	205	230	235	240	245	235	245	270	280	285	270	265	265	260	230								
26		260	255	260	260	260	260	270	265	270	270	280	275	275	265	270	310	295	265	240	240	235	240	235	225	260								
27		225	225	240	250	245	250	250	245	240	245	250	255	265	295	270	280	275	270	265	255	265	280	285	275	250								
28		265	190	165	195	225	210	210	205	215	30	20	350	350	450	5	10	50	0	45	75	105	135	150	155	10								
29		170	175	175	180	180	170	170	165	170	180	160	155	150	155	155	165	160	155	145	135	135	140	145	150	155								
30		160	165	160	160	155	150	155	160	150	145	155	220	300	315	325	340	45	270	340	10	40	35	25	30	160								

OSWEGO
NIAGARA MOHAWK
AMBIENT AIR MONITORING
MONTHLY SUMMARY

-JG1

NINE MIL. UPPER (9)					WIND SPEED (MPH)												DATA FOR JANUARY 198										AVG
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			
01	6	8	11	10	12	12	10	10	12	12	8	5	6	5	9	7	6	5	9	12	13	12	13	15	10		
02	14	13	13	18	20	12	19	37	42	41	45	40	35	37	41	43	42	42	41	38	34	28	24	22	31		
03	21	16	13	9	12	10	9	8	11	8	6	7	7	6	9	11	14	18	19	20	23	24	16	12	13		
04	13	17	21	19	15	14	15	18	17	19	20	24	25	21	21	21	21	17	19	19	17	17	19	18	19		
05	18	17	18	17	14	14	14	11	14	16	14	11	13	15	14	14	15	16	12	8	13	15	14	14	14		
06	14	12	13	11	9	10	11	12	11	13	14	14	12	13	12	11	15	15	15	15	17	16	17	17	13		
07	15	12	11	13	13	14	15	19	32	29	31	34	38	39	36	37	39	39	41	43	37	31	29	28	28		
08	27	26	26	23	23	25	24	24	22	19	18	17	19	24	25	27	28	26	25	25	24	23	20	17	23		
09	16	8	10	13	11	10	13	16	15	13	12	10	9	9	9	9	9	11	10	12	13	14	15	16	12		
10	16	14	11	11	17	22	24	25	25	23	23	23	24	23	24	23	29	30	29	27	25	23	23	22	22		
11	20	16	16	16	15	13	13	3	3	6	13	12	12	13	17	17	19	22	23	21	20	21	20	18	15		
12	16	7	9	10	11	12	12	13	12	6	7	8	10	9	8	8	8	13	14	14	15	16	15	14	11		
13	15	16	14	15	14	15	16	16	10	6	3	4	3	4	1	1	2	4	6	6	5	6	7	7	8		
14	8	9	8	10	10	9	10	12	10	7	6	3	4	4	4	2	3	2	9	6	6	5	8	9	7		
15	9	9	8	11	9	8	8	9	9	8	7	4	4	7	9	11	12	10	12	8	7	6	3	2	8		
16	2	4	6	5	6	9	6	9	8	8	7	6	8	9	10	12	12	14	15	16	15	17	15	18	10		
17	18	17	18	17	19	18	16	16	14	14	11	9	10	12	12	11	10	12	13	11	9	3	2	10	13		
18	5	2	4	5	8	16	16	16	15	16	15	26	24	23	25	26	27	29	32	35	34	35	34	21	26		
19	34	33	29	29	26	27	25	24	23	24	23	25	25	26	25	25	26	29	27	25	26	26	24	23	26		
20	22	16	12	12	17	19	19	21	19	16	14	12	11	9	10	10	10	11	11	13	14	15	14	13	14		
21	9	4	5	7	4	3	0	0	1	2	6	4	4	3	6	7	4	7	12	8	15	17	18	16	7		
22	15	17	17	17	17	21	29	31	31	30	30	29	29	29	31	29	25	24	26	29	26	25	24	25	25		
23	25	23	22	21	22	21	18	17	20	18	14	10	10	8	6	10	11	13	18	23	22	24	27	24	18		
24	20	18	17	17	16	15	16	14	11	10	7	7	7	4	4	3	3	5	4	3	4	7	9	11	10		
25	13	13	13	13	14	14	16	16	16	11	10	13	12	14	15	14	16	20	23	22	21	21	24	25	16		
26	25	24	28	27	27	24	26	26	26	***	19	21	17	15	16	11	20	33	33	33	28	25	25	25	24		
27	23	20	20	20	22	20	18	17	19	18	16	19	21	21	17	19	17	17	17	15	15	17	21	19	19		
28	19	18	17	16	11	9	8	6	5	6	4	4	3	6	7	8	9	9	8	11	12	13	14	15	10		
29	13	16	17	14	14	15	13	15	16	14	16	18	17	16	15	15	13	11	12	13	16	18	19	19	15		
30	20	20	19	18	17	19	19	19	19	18	15	14	13	13	13	13	15	17	18	20	23	21	20	19	18		
31	19	17	17	15	13	7	9	8	8	10	8	6	15	18	12	13	14	11	11	12	14	16	19	20	15		

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NINE MILE UPPER (9)					WIND SPEED (MPH)														(WSPU)		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						
ENDING DAY																															
01	16	16	18	21	20	27	30	29	29	21	21	29	21	16	30	31	29	28	29	30	30	30	29	28	25						
02	26	21	18	18	20	17	13	15	25	18	24	30	36	40	42	43	39	42	45	44	41	38	38	34	33						
03	33	32	34	34	32	21	22	27	23	23	18	22	30	34	30	28	25	23	24	26	32	25	21	20	27						
04	20	17	18	18	16	15	16	16	16	17	18	17	18	20	22	25	21	22	23	34	35	33	35	28	22						
05	27	25	23	22	20	19	19	18	15	13	7	10	11	16	16	15	14	12	13	15	17	17	19	19	17						
06	19	18	19	20	20	16	15	16	18	16	21	17	15	14	13	13	14	16	16	18	23	38	35	20	19						
07	26	20	17	13	12	12	15	13	12	11	11	15	16	16	17	15	10	13	17	20	20	18	17	18	16						
08	19	17	14	14	13	12	12	9	9	7	8	13	17	17	17	18	19	25	31	33	35	39	39	39	20						
09	38	34	37	35	38	39	38	36	36	36	37	38	34	32	31	30	25	15	18	29	26	14	14	14	30						
10	16	15	14	17	17	17	15	17	18	17	16	20	21	24	23	25	24	30	35	33	37	38	41	45	24						
11	44	40	39	38	33	29	31	38	30	22	22	25	25	28	26	30	44	48	45	42	43	39	37	42	35						
12	42	46	47	47	48	43	41	41	37	34	34	30	29	29	30	28	25	23	15	14	16	16	15	15	33						
13	15	17	17	17	18	17	18	20	18	13	12	10	8	8	8	6	3	4	7	12	17	17	18	16	13						
14	17	19	21	19	19	18	17	17	14	12	17	19	18	13	11	12	14	12	12	11	8	3	8	11	14						
15	11	13	13	16	17	19	16	13	14	18	17	17	16	15	14	15	14	15	18	20	20	22	22	23	17						
16	24	25	24	24	21	22	22	23	22	21	24	22	21	22	18	15	16	16	17	17	18	17	17	17	20						
17	16	17	17	17	16	12	12	12	8	8	10	12	13	11	13	9	6	5	3	8	12	15	18	17	12						
18	16	15	16	17	16	15	16	16	16	15	15	13	12	11	13	12	14	17	20	21	18	15	16	17	16						
19	21	21	19	17	21	20	18	17	16	16	16	15	14	11	9	7	14	17	17	17	13	15	16	17	16						
20	17	20	20	19	18	18	19	19	18	20	18	16	17	20	24	25	28	32	28	25	21	19	14	11	20						
21	11	12	11	15	13	8	8	12	13	6	10	8	9	2	9	14	10	6	9	14	8	4	7	5	9						
22	3	6	7	5	3	4	7	11	8	12	17	17	17	18	20	24	24	20	20	23	28	27	26	22	15						
23	21	17	17	18	24	29	29	30	29	30	29	29	28	23	18	22	24	23	19	15	14	4	5	5	21						
24	5	4	1	4	3	4	4	2	4	8	13	12	14	***	11	10	10	10	12	11	6	4	6	9	7						
25	8	8	14	19	16	18	20	21	22	18	16	15	15	18	24	25	25	26	22	20	10	12	14	18	18						
26	18	22	23	23	21	19	17	18	21	19	17	19	16	20	16	16	18	14	14	15	16	17	22	20	18						
27	17	16	15	14	13	12	10	10	8	8	7	7	6	6	6	6	2	2	1	1	5	6	12	13	8						
28	14	10	10	11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1						

OSWEGO
 NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

JG11

NINE MILE UPPER (9)					WIND SPEED (MPH)										(WSPU)					DATA FOR MARCH										1981
END	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	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
02	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
03	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
04	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
05	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
06	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
07	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
08	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
09	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
10	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
11	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
12	XXXX	XXXX	XXXX	XXXX	20	23	16	12	11	11	9	12	15	15	17	13	14	7	7	11	13	14	15	18	14					
13	18	13	16	17	17	18	17	14	18	20	20	22	22	22	23	25	24	27	30	33	35	34	29	28	27					
14	27	27	26	27	27	28	27	26	23	25	25	26	24	25	28	31	33	32	31	32	33	32	27	19	28					
15	17	19	26	29	27	26	24	18	21	22	21	19	17	23	20	22	28	29	9	8	22	24	24	24	22					
16	22	25	24	27	28	30	30	30	28	27	24	22	22	20	18	18	15	15	18	19	22	24	22	22	23					
17	19	13	7	7	10	10	11	12	13	15	14	13	18	44	43	42	39	36	37	36	34	31	30	29	23					
18	26	24	22	21	22	22	24	27	25	24	23	22	22	21	22	22	23	21	19	17	17	16	16	16	21					
19	19	20	13	12	10	9	7	6	4	2	4	4	7	11	14	16	16	14	12	8	5	2	3	6	9					
20	7	9	8	9	9	10	8	9	10	9	8	7	7	10	8	12	10	15	14	13	16	16	15	14	11					
21	13	16	16	12	11	13	14	16	16	14	13	12	11	10	13	15	18	18	17	14	10	9	11	12	14					
22	11	7	7	9	9	9	8	8	6	6	4	9	9	8	6	6	10	8	6	6	4	3	3	7	7					
23	9	7	7	9	5	2	1	1	3	4	XXXX	6	8	8	10	16	16	18	13	8	15	9	8	3	8					
24	3	5	6	7	9	8	5	4	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	6					
25	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	7	7	9	10	10	10	10	11	12	12	12	10	9	5	4	4	9					
26	8	14	13	14	17	17	16	13	11	10	10	8	10	8	9	11	12	12	12	14	14	13	15	8	12					
27	6	8	6	9	7	9	14	16	19	22	21	17	15	14	17	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	13					
28	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	10	11	12	13	14	10	7	7	8	7	8	11	17	18	18	XXXX	XXXX	11					
29	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
30	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX					
31	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	17	16	15	16	17	16	13	9	5	3	4	9	12	16	19	16	13					

OSWEGO
 NIAGARA MOHAWK
 AMBIENT AIR MONITORING
 MONTHLY SUMMARY

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NINE MILE UPPER (9)		WIND SPEED (MPH)										(WSPU)		DATA FOR APRIL										198		
HR	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	17	19	19	19	21	22	25	27	30	28	26	28	24	31	25	28	12	14	11	15	16	19	23	25	19	22
02	18	23	23	29	31	28	30	32	33	31	29	32	33	31	29	29	23	23	20	20	16	16	17	14	8	25
03	11	17	17	18	17	21	24	25	23	20	19	20	21	21	18	21	14	10	12	8	14	16	19	21	10	25
04	17	17	20	22	24	23	24	22	20	22	23	21	20	22	23	20	16	23	29	17	14	18	18	18	15	20
05	16	15	15	15	15	16	17	19	22	19	18	18	14	11	18	18	23	29	29	28	21	21	20	21	21	19
06	23	21	19	22	23	26	28	20	34	31	28	27	26	29	29	28	29	30	29	29	29	29	27	27	24	17
07	18	18	19	17	17	20	16	14	12	19	18	15	14	11	14	15	12	10	2	3	7	14	13	13	9	13
08	20	20	16	17	20	13	12	14	17	17	15	15	16	14	13	8	1	3	6	12	14	16	16	24	25	24
09	20	20	16	17	20	13	12	14	17	17	15	15	16	14	13	8	1	3	6	12	14	16	16	24	25	24
10	20	20	16	17	20	13	12	14	17	17	15	15	16	14	13	8	1	3	6	12	14	16	16	24	25	24
11	24	24	23	27	26	26	25	22	20	24	22	26	25	27	26	25	18	16	19	19	18	17	14	14	17	22
12	18	18	15	14	14	14	13	14	15	18	16	16	17	17	16	15	22	15	14	16	17	11	14	14	17	22
13	22	22	23	21	20	25	31	30	32	31	34	34	30	28	40	41	36	36	34	35	38	38	31	31	25	25
14	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
15	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
16	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
17	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
18	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
19	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
20	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
21	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
22	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
23	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
24	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
25	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
26	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
27	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
28	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
29	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25
30	18	18	23	25	22	22	23	20	16	19	18	20	23	25	28	29	29	27	28	29	27	27	27	27	25	25

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NINE MILE UPPER (9)					WIND SPEED (MPH)								(WSPU)				DATA FOR MAY								1981
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	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	20
01	****	****	****	****	****	****	13	10	12	15	20	18	20	25	23	20	25	25	21	24	25	****	****	****	20
02	****	****	****	****	****	****	16	14	12	13	13	13	13	15	16	16	13	14	15	12	12	12	11	8	13
03	5	8	10	10	9	8	10	12	10	8	8	8	8	9	8	9	7	5	1	1	3	5	2	5	7
04	6	7	9	8	5	4	4	2	3	4	0	3	8	7	3	8	8	4	4	4	****	****	****	****	5
05	****	****	****	****	****	****	****	4	6	9	8	5	2	4	4	3	5	5	****	29	****	****	****	****	19
06	****	****	****	****	****	****	****	28	25	25	23	19	19	13	7	11	****	****	****	****	****	****	****	****	19
07	****	****	****	****	****	****	****	****	****	****	11	11	13	16	16	15	13	12	11	8	4	4	11	9	11
08	7	10	14	13	11	9	6	3	3	6	9	7	6	7	8	9	7	9	10	9	18	18	17	19	10
09	20	18	16	16	14	20	21	21	20	18	20	15	14	13	13	12	11	13	13	16	19	19	18	19	17
10	17	10	9	11	12	12	14	14	15	12	12	11	10	14	18	15	15	13	12	13	9	15	8	6	12
11	11	12	12	15	11	13	17	20	18	16	13	13	17	17	26	19	23	24	24	21	20	18	18	17	17
12	15	12	7	8	8	10	11	17	16	18	22	20	19	23	19	20	17	26	28	29	27	23	22	24	18
13	22	23	21	23	22	23	25	26	24	25	23	21	19	16	17	16	15	17	22	21	16	15	15	13	20
14	13	15	13	13	13	17	20	17	17	12	11	10	9	9	9	12	12	14	18	16	20	19	19	9	1
15	14	20	8	8	9	3	5	3	2	5	3	7	7	8	8	7	6	7	7	7	2	1	5	8	7
16	12	17	19	21	25	21	24	22	23	23	20	20	19	16	18	26	21	20	17	11	8	7	13	20	18
17	19	21	22	22	22	17	15	14	12	13	13	10	10	10	12	13	11	14	11	9	11	14	17	10	14
18	4	5	2	4	11	13	16	18	****	16	19	19	20	19	20	****	****	****	****	****	****	****	****	****	13
19	****	****	****	****	****	****	13	13	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13
20	****	****	****	****	****	****	6	8	14	14	10	8	8	8	5	5	5	8	7	5	10	11	11	12	9
21	10	10	10	12	13	14	13	11	11	13	13	12	4	3	5	5	6	5	5	8	11	11	13	12	10
22	12	12	9	12	11	11	8	4	3	4	7	9	9	10	12	14	12	8	6	5	4	4	5	5	8
23	6	4	5	6	1	2	6	2	2	3	4	4	5	7	8	9	7	5	6	6	6	4	1	0	5
24	4	4	8	6	6	5	7	7	7	10	11	10	8	9	8	5	5	3	3	3	1	6	10	16	7
25	15	14	12	13	15	19	17	18	11	13	18	13	7	9	8	5	3	8	8	7	10	13	14	14	12
26	19	18	15	11	11	12	14	11	11	9	8	10	10	10	12	7	3	9	8	7	6	8	5	3	10
27	1	4	6	7	6	1	0	3	3	0	2	2	8	10	10	11	10	12	22	11	14	15	12	10	8
28	8	6	5	4	6	12	9	8	11	11	12	8	6	****	****	****	****	****	****	****	****	****	****	****	8
29	****	****	****	****	****	****	****	12	12	12	8	7	3	4	8	6	2	4	7	9	6	6	5	5	7
30	10	13	15	17	17	17	14	17	14	11	10	15	****	****	****	****	****	****	****	****	****	****	****	****	14
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****

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NINE MILE UPPER (9)					WIND SPEED (MPH)								(WSPU)								DATA FOR JUNE								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				
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	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****				
02	****	****	****	****	****	****	****	****	****	****	27	16	15	14	13	14	15	****	****	****	****	****	****	****	16				
03	****	****	****	****	****	****	****	14	13	14	15	15	15	15	14	14	14	17	16	14	14	13	13	14	14				
04	14	12	12	0	9	****	****	13	19	19	18	17	18	29	26	19	20	18	17	11	10	7	9	10	15				
05	10	10	10	10	9	6	6	11	10	12	11	8	8	6	4	3	1	4	5	11	12	11	14	13	9				
06	13	17	17	16	17	16	14	18	24	24	25	26	26	27	33	33	32	33	30	27	29	24	23	24	24				
07	22	22	25	24	22	20	22	21	16	10	9	14	18	20	20	21	18	17	13	13	12	12	13	14	17				
08	13	11	12	13	16	14	11	10	10	8	13	13	14	13	12	11	12	13	15	16	17	18	19	18	13				
09	19	16	16	21	17	9	9	12	14	21	22	23	23	28	31	31	30	29	26	25	26	22	17	15	21				
10	13	12	13	12	9	13	8	10	6	4	5	8	4	8	11	5	6	8	10	8	11	14	13	14	9				
11	14	14	14	16	22	24	25	20	16	16	18	18	18	18	16	13	10	13	15	17	18	18	19	17	17				
12	15	12	14	14	10	7	6	5	5	5	3	6	4	10	15	9	9	9	9	11	11	11	12	8	9				
13	7	7	7	5	2	3	1	0	2	3	5	5	4	3	4	5	5	6	9	13	13	14	16	16	11				
14	17	12	13	13	14	18	15	14	13	9	5	7	6	5	7	7	8	12	15	15	9	11	13	11	11				
15	12	13	14	14	15	13	13	12	11	****	10	6	7	3	1	1	2	3	6	8	14	12	13	14	9				
16	12	18	18	17	16	15	14	14	15	19	18	19	20	17	23	22	22	19	13	12	18	18	11	19	17				
17	21	20	16	11	11	15	16	18	20	19	21	20	22	21	19	16	16	15	13	10	9	8	8	6	15				
18	6	9	9	11	15	13	10	5	6	9	7	5	5	5	4	5	5	9	9	13	18	18	18	18	10				
19	17	16	11	11	15	17	15	12	9	10	10	9	8	5	5	6	6	9	6	4	6	7	8	3	10				
20	7	5	6	8	4	4	7	6	6	6	10	10	10	14	12	10	9	14	14	11	6	4	4	3	8				
21	5	8	6	5	9	9	3	7	12	13	12	6	9	6	5	5	2	3	1	1	1	5	10	12	6				
22	12	11	10	12	15	15	18	18	19	12	13	25	23	18	23	41	40	35	37	39	32	37	28	28	23				
23	27	22	22	20	20	21	18	15	13	17	17	19	18	19	19	20	20	20	18	18	13	13	13	13	18				
24	9	10	8	11	11	11	12	8	4	6	7	5	5	6	7	10	12	10	7	11	18	20	19	19	10				
25	19	17	19	17	16	16	16	15	9	9	9	17	23	17	22	19	26	29	19	27	22	19	23	28	19				
26	30	30	32	32	32	29	28	25	24	24	23	21	19	16	17	16	10	13	11	10	10	12	10	11	20				
27	14	12	11	11	13	13	13	12	12	11	11	11	10	6	7	9	7	6	5	6	5	4	0	0	9				
28	0	3	7	12	12	10	10	4	1	3	3	4	4	5	4	4	6	9	8	12	16	19	20	19	8				
29	21	22	22	20	19	18	18	18	16	15	13	12	13	12	14	14	12	12	13	16	19	18	19	19	16				
30	17	17	18	18	16	17	15	10	9	9	7	5	7	10	20	10	5	6	7	13	15	18	18	20	13				