JAMES A. FITZPATRICK NUCLEAR POWER PLANT

EFFLUENT AND WASTE DISPOSAL

SEMI-ANNUAL REPORT

January 1, 1980 to June 30, 1980

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

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
SUPPLEMENTAL INFORMATION

Facility JAFNPP Licensee Power Authority of the State of New York

1. Regulatory Limits

a. Fission and activation gases:

$$\frac{Q_s\,\bar{E}\ \text{(JAF Stack)}}{0.7} + \frac{Q_s\,\bar{E}\ \text{(NMP1 Stack)}}{0.56} + \frac{\Sigma Q_{iv}\ \text{(JAF Vents)}}{6.3\times10^{5}\ MPC_i} < 1$$

Where: Q_s is stack release rate, Ci/sec
$\bar{E}$ is the average energy of release, Mev
Q_{iv} is the release rate, Ci/sec, of radioisotope i from building vents
MPC_i is defined by Col. 1, Table II of App. B to 10CFR20

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

$$\frac{Q_s\ \text{(JAF Stack)}}{2.6\times10^{-6}} + \frac{Q_s\ \text{(NMP1 Stack)}}{2.3\times10^{-6}} + \frac{Q_{iv}\ \text{(JAF Vents)}}{8.9\times10^{-8}} < 1$$

d. Liquid Effluents:

(1) The radioactivity release concentration in the discharge tunnel shall not exceed the values specified in 10CFR20, 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.

2. Maximum Permissible Concentrations

a. Fission and activation gases:

Nuclide	MPC (uCi/cc)	Nuclide	MPC (uCi/cc)
Kr-85	3.00E-07	Xe-131m	4.00E-07
Kr-85	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

2. Maximum Permissible Concentrations (Cont.)

b. Iodines: Not applicable

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

d. Liquid Effluents:

(1) First Quarter	2.67E-5 µCi/ml
(2) Second Quarter	4.91E-6 µCi/ml

3. Average Energy, $\overline{E}$	Unit	Quarter 1	Quarter 2
a. Elevated release:	Mev	4.49E-1	4.36E-1
b. Ground level release:	Mev	5.22E-1	3.06E-1

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

a. Liquid:	Quarter 1	Quarter 2
(1) Number of batch releases:	26	340
(2) Total time period for batch releases:	32.00 hrs.	302.67 hrs.
(3) Maximum time period for batch release:	7.42 hrs.	9.50 hrs.
(4) Average time period for batch release:	1.23 hrs.	0.88 hrs.
(5) Minimum time period for batch release:	0.17 hrs.	0.17 hrs.
(6) Average stream flow:	Not applicable	

6. Abnormal Releases

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

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

TABLE 1A

EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT 1980
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

		UNIT	QUARTER 1	QUARTER 2	EST. TOTAL ERROR, %
A.	Fission & activation gases				
1.	Total release	Ci	2.15E+4	1.30E+4	1.0E+1
2.	Average release rate for period	µCi/sec	2.34E+3	1.65E+3	
3.	Percent of Tech. Spec. Limit	%	*	*	
B.	Iodines				
1.	Total Iodine - 131	Ci	2.32E-2	2.34E-2	1.0E+1
2.	Average release rate for period	µCi/sec	2.95E-3	2.98E-3	
3.	Percent of Tech. Spec. limit	%	*	*	
C.	Particulates				
1.	Particulates with half-lives >8 days	Ci	1.84E-2	7.52E-3	1.0E+1
2.	Average release rate for period	µCi/sec	2.34E-3	9.56E-4	
3.	Percent of Tech. Spec. limit	%	*	*	
4.	Gross alpha radioactivity	Ci	2.08E-5	1.93E-5	1.0E+1
D.	Tritium				
1.	Total release	Ci	3.61E 0	1.64E-1	1.0E+1
2.	Average release rate for period	µCi/sec	4.59E-1	2.08E-2	

* Percent of technical specification limits

Fission and activation gases

1.	JAF elevated release	%	1.69E-1	1.01E-1
2.	NMP-1 elevated release	%	4.46E-4	8.08E-4
3.	JAF ground-level release	%	3.18E-1	3.97E-2
4.	Total site release	%	4.87E-1	1.41E-1

Halogens and particulates with half-lives greater than 8 days

5.	JAF elevated release	%	3.57E-2	1.98E-2
6.	NMP-1 elevated release	%	8.86E-2	3.47E-2
7.	JAF ground-level release	%	4.90E 0	3.84E 0
8.	Total site release	%	4.97E 0	3.89E 0

TABLE 1B
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1980)
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
GASEOUS EFFLUENTS - ELEVATED RELEASE

CONTINUOUS MODE

NUCLIDES RELEASED	UNIT	QUARTER 1	QUARTER 2
1. Fission gases			
nitrogen - 13	Ci	5.38E+2	5.78E+1
argon - 41	Ci	7.36E+1	2.38E+1
krypton - 85m	Ci	1.42E+3	8.92E+2
krypton - 87	Ci	1.13E+3	5.90E+2
krypton - 88	Ci	2.38E+3	1.58E+3
xenon - 131m	Ci	1.90E+3	1.95E+3
xenon - 133	Ci	6.19E+3	3.18E+3
xenon - 133m	Ci	7.70E+1	4.53E+1
xenon - 135	Ci	5.74E+3	3.83E+3
xenon - 135m	Ci	5.31E+2	2.69E+2
xenon - 138	Ci	7.29E+2	3.84E+2
2. Iodines			
iodine - 131	Ci	7.09E-3	3.90E-3
iodine - 133	Ci	2.04E-5	2.23E-3
iodine - 135	Ci	ND	8.81E-4
3. Particulates			
manganese - 54	Ci	2.47E-5	3.88E-6
cobalt - 58	Ci	6.48E-6	1.18E-6
cobalt - 60	Ci	1.12E-5	3.49E-5
chromium - 51	Ci	4.26E-5	ND
strontium - 89	Ci	2.49E-5	1.07E-4
cesium - 137	Ci	8.52E-5	ND
barium-lanthanum - 140	Ci	5.54E-6	2.15E-6

There were no batch releases for this period.

Strontium - 90 not detected for either quarter.

TABLE 1C

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1980)
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
GASEOUS EFFLUENTS-GROUND-LEVEL RELEASES

		CONTINUOUS MODE	
NUCLIDES RELEASED	UNIT	QUARTER 1	QUARTER 2
1. Fission gases			
nitrogen - 13	Ci	3.29E+1	ND
krypton - 85m	Ci	4.75E+1	8.35E 0
krypton - 87	Ci	4.41E+1	3.10E 0
krypton - 88	Ci	7.29E+1	7.69E 0
xenon - 133	Ci	2.77E+2	8.54E+1
xenon - 135	Ci	1.42E+2	3.08E+1
xenon - 135m	Ci	4.81E+1	4.52E 0
xenon - 138	Ci	1.31E+2	1.80E+1
2. Iodines			
iodine - 131	Ci	1.61E-2	1.95E-2
iodine - 133	Ci	1.06E-2	3.73E-2
iodine - 135	Ci	6.86E-3	1.26E-2
3. Particulates			
chromium - 51	Ci	5.06E-3	1.72E-3
manganese - 54	Ci	2.00E-3	6.98E-4
cobalt - 58	Ci	4.33E-3	9.75E-4
cobalt - 60	Ci	5.78E-3	3.72E-3
zinc - 65	Ci	1.94E-4	5.34E-5
strontium - 89	Ci	3.67E-4	6.55E-5
zirconium - niobium - 95	Ci	1.67E-5	ND
cesium - 134	Ci	8.02E-5	2.39E-5
cesium - 137	Ci	7.57E-5	3.27E-5
barium-lanthanum-140	Ci	2.71E-4	1.46E-4
cerium - 141	Ci	2.30E-5	ND

There were no batch releases for this period.

Strontium - 90 not detected for either quarter

TABLE 2A
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1980)
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES

		Unit	Quarter 1	Quarter 2	Est Total Error, %
A.	Fission and Activation Products				
	1. Total release (not including tritium and alpha)	Ci	3.21E-2	4.76E-1	1.0E+1
	2. Average diluted concentration during period	µCi/ml	1.73E-10	3.50E-9	
	3. Percent of applicable limit	%	6.74E-4	7.12E-2	
B.	Tritium				
	1. Total release	Ci	2.73E-1	1.76E 0	1.0E+1
	2. Average diluted concentration during period	µCi/ml	1.47E-9	1.29E-8	
	3. Percent of applicable limit	%	4.90E-5	4.31E-4	
C.	Dissolved and Entrained Gases				
	1. Total release	Ci	5.15E-3	2.85E-3	1.0E+1
	2. Average diluted concentration during period	µCi/ml	2.77E-11	2.09E-11	
	3. Percent of applicable limit	%	NA	NA	
D.	Gross Alpha Radioactivity				
	1. Total release	Ci	9.53E-5	ND	1.0E+1
E.	Volume of waste released (prior to dilution)	liters	8.62E+5	5.61E+6	1.0E+1
F.	Volume of dilution water used during period	liters	1.86E+11	1.36E+11	1.0E+1

NA - Not Applicable

TABLE 2B

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1980)
JAMES A. FITZPATRICK NUCLEAR POWER PLANT
LIQUID EFFLUENTS

BATCH MODE

Nuclides Released	Unit	Quarter 1	Quarter 2
silver - 110m	Ci	ND	1.80E-5
copper - 64	Ci	ND	2.85E-2
cesium - 134	Ci	9.21E-4	1.48E-4
cesium - 137	Ci	1.10E-3	1.23E-2
iodine - 131	Ci	1.79E-4	2.57E-2
barium-lanthanium - 140	Ci	9.26E-7	7.75E-5
cobalt - 58	Ci	2.70E-3	4.17E-2
cobalt - 60	Ci	1.08E-2	2.25E-1
iron - 59	Ci	6.69E-4	7.65E-3
zinc - 65	Ci	5.87E-4	8.95E-3
manganese - 54	Ci	4.61E-3	7.01E-2
chromium - 51	Ci	3.45E-3	3.29E-2
antimony - 124	Ci	ND	2.66E-4
molybdenum - 99	Ci	3.03E-4	1.13E-2
technetium - 99m	Ci	7.02E-5	6.39E-5
cerium - 141	Ci	ND	1.44E-5
zirconium - niobium - 95	Ci	3.03E-4	1.01E-3
cerium - 144	Ci	ND	1.04E-5
iodine - 133	Ci	ND	1.06E-3
sodium - 24	Ci	1.50E-3	4.54E-3
arsenic - 76	Ci	7.08E-5	4.41E-5
neptuniom - 239	Ci	ND	9.99E-4
xenon - 133	Ci	2.06E-3	2.79E-3
xenon - 135	Ci	2.83E-3	3.63E-5
krypton - 85m	Ci	2.57E-4	1.94E-5

ND - None Detected

There were no continuous mode discharges for this period.

Strontium-90 and strontium-89 not detected for either quarter.

TABLE 3

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1st Half 1980)
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. SOLID WASTE SHIPPED OFFISTE FOR BURIAL OR DISPOSAL (Not irradiated fuel)

1. Type of Waste	Unit	6-month Period	Est. Total Error %
a. Spent resins, filter sludges evaporator bottoms, etc.	m^3	1.85E+2	1.0E+1
	Ci	2.82E+2	
b. Dry compressible waste, contaminated equipment, etc.	m^3	1.63E+2	1.0E+1
	Ci	6.88E 0	
c. Irradiated components	None		
d. Other	None		

2. Estimate of major nuclide composition

a.	cobalt - 60	57.9%
	manganese - 54	16.8%
	cesium - 137	8.6%
	cobalt - 58	5.4%
	cesium - 134	4.4%
	chromium - 51	2.8%
	zinc - 65	2.7%
	iron - 59	0.9%
	antimony - 124	0.4%
	iodine - 131	0.1%
	sodium - 24	<0.1%

1.0E+1

3. Solid waste disposition

Number of Shipments	Mode of Transportation	Destination
Type a & b 38	Truck	Barnwell, SC

B. Irradiated Fuel Shipments (None)

* * * * * 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 - DEG.C/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

00362 1460

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - A

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.1 (1)	0.1 (2)	0.0 (0)	0.4 (7)	0.2 (3)	0.7 (13)
NNE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.2 (4)	0.3 (6)
NE	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.2 (4)
ENE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ESE	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)	0.1 (1)	0.0 (0)	0.2 (4)
SE	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (3)
SSE	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
S	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
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)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.1 (1)	0.2 (4)
W	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.2 (3)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)	0.7 (13)	1.0 (18)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)	0.4 (7)	1.2 (22)	1.6 (31)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)	0.2 (4)	0.1 (2)	0.7 (13)
TOTAL	0.0 (0)	0.2 (3)	0.4 (7)	0.8 (16)	1.5 (29)	2.5 (47)	5.4 (102)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 107

NUMBER OF MISSING WIND OBSERVATIONS: 5

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO 00362 AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - B

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.1 (1)	0.2 (3)	0.1 (2)	0.1 (1)	0.0 (0)	0.4 (7)
NNE	0.0 (0)	0.1 (2)	0.1 (1)	0.1 (1)	0.1 (1)	0.1 (2)	0.4 (7)
NE	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.2 (3)
ENE	0.0 (0)	0.1 (1)	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)	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
SSE	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
S	0.0 (0)	0.0 (0)	0.2 (3)	0.2 (3)	0.0 (0)	0.0 (0)	0.3 (6)
SSW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.1 (2)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (2)
W	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (12)	0.6 (12)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)	0.1 (2)	0.5 (9)	0.7 (14)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)	0.3 (5)	0.7 (13)	1.1 (21)
NNW	0.0 (0)	0.1 (1)	0.1 (1)	0.4 (7)	0.2 (4)	0.1 (2)	0.8 (15)
TOTAL	0.0 (0)	0.4 (8)	0.6 (12)	1.2 (22)	0.7 (14)	2.1 (40)	5.1 (96)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 98

NUMBER OF MISSING WIND OBSERVATIONS: 2

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO 3 6 2 AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - C

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.1 (1)	0.0 (0)	0.2 (4)
NNE	0.0 (0)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (3)	0.4 (8)
NE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
ENE	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
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)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (2)
SE	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SSE	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
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)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (2)	0.2 (3)
W	0.0 (0)	0.0 (0)	.0 (0)	0.1 (1)	0.0 (0)	1.0 (19)	1.1 (20)
WNW	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (3)	0.1 (2)	0.3 (5)	0.6 (11)
NW	0.1 (1)	0.1 (1)	0.0 (0)	0.3 (6)	0.4 (7)	0.6 (12)	1.4 (27)
NNW	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.2 (4)	0.0 (0)	0.3 (6)
TOTAL	0.1 (1)	0.3 (6)	0.8 (15)	0.9 (16)	0.8 (15)	2.2 (41)	5.0 (94)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 99

NUMBER OF MISSING WIND OBSERVATIONS: 5

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - D

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (1)	0.3 (6)	0.3 (4)	1.2 (22)	0.4 (8)	0.1 (1)	2.3 (44)
NNE	0.1 (2)	0.2 (4)	0.4 (8)	1.3 (24)	0.7 (14)	0.8 (15)	3.5 (67)
NE	0.1 (2)	0.4 (7)	1.0 (19)	1.0 (19)	0.4 (7)	0.4 (8)	3.2 (61)
ENE	0.2 (4)	0.1 (2)	0.2 (4)	0.1 (1)	0.0 (0)	0.0 (0)	0.6 (11)
E	0.1 (1)	0.3 (5)	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.6 (12)
ESE	0.1 (1)	0.2 (4)	0.6 (11)	0.8 (16)	0.1 (2)	0.0 (0)	1.8 (34)
SE	0.0 (0)	0.2 (3)	0.5 (9)	0.7 (14)	0.3 (6)	0.2 (3)	1.9 (35)
SSE	0.1 (1)	0.1 (2)	0.8 (15)	0.6 (12)	0.2 (4)	0.4 (8)	2.2 (42)
S	0.2 (3)	0.1 (1)	0.8 (16)	0.7 (14)	0.1 (1)	0.3 (6)	2.2 (41)
SSW	0.1 (1)	0.4 (7)	0.4 (7)	0.4 (8)	0.0 (0)	0.1 (1)	1.3 (24)
SW	0.0 (0)	0.3 (5)	0.2 (4)	1.1 (21)	0.3 (6)	0.1 (2)	2.0 (38)
WSW	0.1 (1)	0.1 (1)	0.1 (2)	1.0 (18)	0.7 (13)	1.1 (20)	2.9 (55)
W	0.1 (1)	0.2 (4)	0.3 (6)	0.3 (5)	0.4 (8)	3.5 (67)	4.8 (91)
WNW	0.1 (2)	0.4 (7)	0.5 (9)	1.1 (21)	1.6 (30)	3.1 (58)	6.7 (127)
NW	0.2 (3)	0.5 (10)	0.8 (16)	2.4 (45)	2.2 (42)	2.0 (37)	8.1 (153)
NNW	0.1 (1)	0.3 (6)	0.9 (17)	1.9 (36)	0.4 (7)	0.4 (7)	3.9 (74)
TOTAL	1.3 (24)	3.9 (74)	8.1 (152)	14.7 (276)	7.8 (148)	12.3 (233)	48.1 (909)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 944

NUMBER OF MISSING WIND OBSERVATIONS: 35

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - E

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.1 (2)	0.4 (7)	0.6 (12)	0.1 (1)	0.0 (0)	1.2 (22)
NNE	0.0 (0)	0.1 (1)	0.2 (4)	0.3 (6)	0.3 (5)	0.2 (4)	1.1 (21)
NE	0.0 (0)	0.2 (3)	0.3 (5)	0.3 (15)	0.4 (7)	0.0 (0)	1.6 (30)
ENE	0.0 (0)	0.4 (7)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (13)
E	0.1 (1)	0.1 (2)	0.6 (12)	0.3 (6)	0.0 (0)	0.0 (0)	1.1 (21)
ESE	0.0 (0)	0.2 (3)	0.4 (7)	0.6 (12)	0.1 (1)	0.2 (3)	1.4 (26)
SE	0.0 (0)	0.1 (2)	0.7 (14)	1.5 (29)	0.6 (11)	0.7 (13)	3.7 (69)
SSE	0.1 (1)	0.2 (3)	0.2 (3)	0.7 (14)	0.6 (11)	0.2 (4)	1.9 (36)
S	0.0 (0)	0.2 (3)	0.4 (8)	2.0 (37)	0.5 (9)	0.1 (2)	3.1 (59)
SSW	0.0 (0)	0.3 (6)	1.3 (25)	0.7 (14)	0.1 (1)	0.0 (0)	2.4 (46)
SW	0.1 (1)	0.2 (3)	0.5 (10)	1.0 (18)	0.5 (9)	0.1 (1)	2.2 (42)
WSW	0.0 (0)	0.2 (4)	0.3 (6)	0.8 (16)	0.4 (7)	0.2 (4)	2.0 (37)
W	0.0 (0)	0.2 (4)	0.5 (9)	0.5 (10)	0.3 (5)	0.8 (16)	2.3 (44)
WNW	0.1 (1)	0.1 (2)	0.3 (6)	0.3 (5)	0.1 (1)	1.4 (26)	2.2 (42)
NW	0.1 (1)	0.3 (5)	0.1 (1)	0.3 (5)	0.1 (1)	0.0 (0)	0.8 (16)
NNW	0.1 (1)	0.1 (2)	0.4 (7)	0.3 (6)	0.0 (0)	0.0 (0)	0.8 (16)
TOTAL	0.3 (6)	2.8 (52)	5.9 (130)	11.1 (209)	3.7 (70)	3.9 (73)	28.6 (540)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 591

NUMBER OF MISSING WIND OBSERVATIONS: 51

NUMBER OF CALM HOURS: 1

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - F

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.1 (1)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
NNE	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (4)
NE	0.0 (0)	0.1 (2)	0.3 (5)	0.0 (0)	0.1 (2)	0.1 (1)	0.5 (10)
ENE	0.1 (1)	0.1 (2)	0.4 (8)	0.1 (2)	0.1 (1)	0.0 (0)	0.7 (14)
E	0.1 (1)	0.0 (0)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (9)
ESE	0.0 (0)	0.1 (1)	0.3 (6)	0.1 (2)	0.0 (0)	0.0 (0)	0.5 (9)
SE	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (4)	0.0 (0)	0.0 (0)	0.3 (5)
SSE	0.0 (0)	0.1 (1)	0.2 (3)	0.2 (3)	0.1 (1)	0.0 (0)	0.4 (8)
S	0.0 (0)	0.1 (1)	0.1 (2)	0.3 (6)	0.2 (4)	0.0 (0)	0.7 (13)
SSW	0.0 (0)	0.1 (1)	0.1 (2)	0.2 (3)	0.1 (2)	0.0 (0)	0.4 (6)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
W	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.2 (3)
WNW	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
NW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NNW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
TOTAL	0.2 (3)	0.6 (12)	2.3 (43)	1.1 (21)	0.6 (12)	0.1 (2)	4.9 (93)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 102

NUMBER OF MISSING WIND OBSERVATIONS: 9

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1993

JG120*

STABILITY CLASS - G

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NNE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NE	0.0 (0)	0.1 (2)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.3 (6)
ENE	0.0 (0)	0.4 (8)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (11)
E	0.1 (1)	0.4 (8)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (14)
ESE	0.1 (1)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
SE	0.0 (0)	0.0 (0)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.3 (5)
SSE	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
S	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (3)
SSW	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.2 (3)
SW	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.1 (2)
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)	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
TOTAL	0.2 (4)	1.2 (22)	1.1 (20)	0.3 (5)	0.2 (3)	0.0 (0)	2.9 (54)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 58

NUMBER OF MISSING WIND OBSERVATIONS: 4

NUMBER OF CALM HOURS: 1

SITE: NINE MILE UPPER (9)

DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - ALL

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (2)	0.6 (11)	1.2 (24)	2.0 (33)	1.0 (18)	0.2 (4)	5.1 (96)
NNE	0.1 (2)	0.7 (13)	0.9 (17)	1.6 (31)	1.2 (22)	1.5 (29)	6.0 (114)
NE	0.1 (2)	1.0 (18)	1.7 (33)	1.9 (35)	1.0 (18)	0.5 (9)	6.1 (115)
ENE	0.3 (5)	1.1 (21)	1.2 (23)	0.2 (3)	0.1 (1)	0.0 (0)	2.8 (53)
E	0.2 (4)	0.8 (16)	1.5 (29)	0.4 (8)	0.0 (0)	0.0 (0)	3.0 (57)
ESE	0.1 (2)	0.4 (8)	1.4 (27)	1.7 (33)	0.3 (5)	0.2 (3)	4.1 (78)
SE	0.0 (0)	0.3 (6)	1.7 (32)	2.7 (51)	0.9 (17)	0.9 (16)	6.5 (122)
SSE	0.1 (2)	0.3 (6)	1.4 (27)	1.6 (30)	0.8 (16)	0.6 (12)	4.9 (93)
S	0.2 (4)	0.3 (5)	1.7 (32)	3.4 (64)	0.7 (14)	0.4 (8)	6.7 (127)
SSW	0.1 (1)	0.8 (15)	1.8 (34)	1.4 (26)	0.3 (5)	0.1 (1)	4.3 (82)
SW	0.1 (1)	0.5 (9)	0.7 (14)	2.2 (41)	0.9 (17)	0.2 (3)	4.5 (85)
WSW	0.1 (1)	0.3 (6)	0.4 (8)	1.9 (36)	1.2 (22)	1.5 (29)	5.4 (102)
W	0.1 (2)	0.4 (8)	0.9 (16)	0.8 (15)	0.3 (15)	6.1 (116)	9.2 (173)
WNW	0.2 (3)	0.5 (10)	0.8 (16)	1.8 (34)	2.1 (40)	5.9 (111)	11.3 (214)
NW	0.3 (5)	0.8 (16)	1.0 (18)	3.4 (64)	3.3 (62)	4.4 (84)	13.2 (249)
NNW	0.1 (2)	0.5 (9)	1.6 (30)	3.0 (57)	1.0 (19)	0.6 (11)	6.8 (128)
TOTAL	2.0 (38)	9.4 (177)	20.1 (379)	30.0 (567)	15.4 (291)	23.1 (436)	100.0 (1888)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2002

NUMBER OF MISSING WIND OBSERVATIONS: 114

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

0 0 3 6 2 1 4 5 8

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (2)	0.5 (11)	1.2 (23)	2.0 (38)	1.0 (18)	0.2 (4)	5.1 (96)
NNE	0.1 (2)	0.7 (13)	0.9 (17)	1.6 (31)	1.2 (22)	1.5 (29)	6.0 (114)
NE	0.1 (2)	1.0 (19)	1.7 (33)	1.9 (35)	1.0 (18)	0.5 (9)	6.1 (116)
ENE	0.3 (5)	1.1 (21)	1.2 (23)	0.2 (3)	0.1 (1)	0.0 (0)	2.8 (53)
E	0.2 (4)	0.8 (16)	1.5 (29)	0.4 (8)	0.0 (0)	0.0 (0)	3.0 (57)
ESE	0.1 (2)	0.4 (8)	1.4 (27)	1.7 (33)	0.3 (5)	0.2 (3)	4.1 (78)
SE	0.0 (0)	0.3 (6)	1.7 (32)	2.7 (51)	0.9 (17)	0.8 (16)	6.5 (122)
SSE	0.1 (2)	0.3 (6)	1.4 (27)	1.6 (30)	0.8 (16)	0.6 (12)	4.9 (93)
S	0.2 (4)	0.3 (5)	1.7 (32)	3.4 (64)	0.7 (14)	0.4 (8)	6.7 (127)
SSW	0.1 (1)	0.8 (15)	1.8 (34)	1.4 (25)	0.3 (5)	0.1 (1)	4.3 (82)
SW	0.1 (1)	0.5 (9)	0.7 (14)	2.2 (41)	0.9 (17)	0.2 (3)	4.5 (85)
WSW	0.1 (1)	0.3 (6)	0.4 (8)	1.9 (36)	1.2 (22)	1.5 (29)	5.4 (102)
W	0.1 (2)	0.4 (8)	0.8 (15)	0.8 (15)	0.8 (15)	6.1 (116)	9.2 (173)
WNW	0.2 (3)	0.5 (10)	0.8 (16)	1.8 (34)	2.1 (40)	5.9 (111)	11.3 (214)
NW	0.3 (5)	0.8 (16)	1.0 (18)	3.4 (64)	3.3 (62)	4.4 (84)	13.2 (249)
NNW	0.1 (2)	0.5 (9)	1.6 (30)	3.0 (57)	1.0 (19)	0.6 (11)	6.8 (128)
TOTAL	2.0 (38)	9.4 (177)	20.1 (379)	30.0 (567)	15.4 (291)	23.1 (436)	100.0 (1888)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2184

NUMBER OF MISSING WIND OBSERVATIONS: 296

NUMBER OF CALM HOURS: 2

SITE: NINE MILE UPPER (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120

STABILITY CLASS - A

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (1)	0.1 (2)	0.2 (5)	0.3 (6)	0.1 (3)	0.0 (1)	0.6 (18)
NNE	0.0 (0)	0.0 (1)	0.1 (2)	0.2 (5)	0.0 (0)	0.0 (0)	0.4 (8)
NE	0.0 (1)	0.2 (5)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (9)
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 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
ESE	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (2)
SE	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)	0.1 (2)	0.0 (0)	0.2 (5)
SSE	0.0 (0)	0.0 (0)	0.0 (1)	0.2 (5)	0.4 (8)	0.0 (1)	0.7 (15)
S	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (1)	0.1 (2)	0.2 (5)
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)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (2)
W	0.0 (0)	0.1 (2)	0.2 (5)	0.1 (2)	0.0 (0)	0.0 (0)	0.4 (9)
WNW	0.0 (0)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NW	0.0 (0)	0.2 (4)	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.5 (10)
NNW	0.0 (0)	0.1 (2)	0.2 (4)	0.2 (4)	0.1 (3)	0.1 (2)	0.7 (15)
TOTAL	0.1 (2)	1.0 (22)	1.1 (23)	1.4 (30)	0.8 (17)	0.3 (6)	4.6 (100)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 100

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - B

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
NNE	0.0 (0)	0.0 (0)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)
NE	0.0 (1)	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ESE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (1)
SE	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (3)
SSE	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.1 (2)
S	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)	0.1 (2)	0.0 (1)	0.2 (4)
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)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.2 (4)	0.2 (5)	0.1 (2)	0.0 (0)	0.5 (11)
W	0.0 (0)	0.0 (1)	0.1 (2)	0.2 (4)	0.2 (4)	0.1 (3)	0.6 (14)
WNW	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (3)
NW	0.0 (0)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NNW	0.0 (0)	0.0 (1)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
TOTAL	0.0 (1)	0.3 (6)	0.9 (19)	0.7 (15)	0.4 (9)	0.2 (4)	2.5 (53)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 53

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

SITE: NINE MILE UPPER (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - C

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (1)	0.1 (2)	0.0 (0)	0.2 (4)
NNE	0.0 (0)	0.1 (2)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.3 (6)
NE	0.0 (1)	0.1 (2)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
ENE	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
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 (1)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (1)
SSE	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (1)	0.1 (2)	0.0 (0)	0.2 (4)
S	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (1)	0.2 (4)
SSW	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
SW	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
WSW	0.0 (0)	0.0 (0)	0.2 (4)	0.9 (20)	0.0 (1)	0.2 (4)	1.3 (29)
W	0.0 (1)	0.0 (1)	0.3 (6)	0.2 (4)	0.2 (5)	0.1 (2)	0.9 (19)
WNW	0.0 (0)	0.1 (3)	0.3 (6)	0.1 (2)	0.1 (3)	0.1 (2)	0.7 (16)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNW	0.0 (0)	0.0 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)
TOTAL	0.2 (4)	0.6 (12)	1.2 (27)	1.4 (31)	0.6 (14)	0.4 (9)	4.5 (97)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 97

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

SITE: NINE MILE UPPER (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - D

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.2 (4)	0.3 (5)	0.5 (10)	0.2 (4)	0.0 (1)	1.1 (24)
NNE	0.0 (0)	0.2 (4)	0.2 (5)	0.3 (7)	0.0 (1)	0.1 (3)	0.9 (20)
NE	0.1 (2)	0.3 (6)	0.3 (6)	0.0 (0)	0.0 (1)	0.0 (0)	0.7 (15)
ENE	0.0 (1)	0.2 (5)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.5 (10)
E	0.0 (1)	0.3 (6)	0.3 (7)	0.1 (2)	0.0 (0)	0.0 (0)	0.7 (16)
ESE	0.0 (0)	0.1 (2)	0.3 (6)	0.6 (12)	0.5 (11)	0.0 (1)	1.5 (32)
SE	0.0 (1)	0.2 (5)	0.4 (9)	0.7 (16)	0.2 (5)	0.3 (7)	2.0 (43)
SSE	0.0 (0)	0.0 (1)	0.1 (2)	0.1 (3)	0.4 (8)	0.3 (7)	1.0 (21)
S	0.0 (1)	0.0 (1)	0.3 (7)	0.7 (16)	0.3 (5)	0.0 (0)	1.4 (31)
SSW	0.0 (0)	0.1 (2)	0.3 (7)	0.2 (4)	0.0 (1)	0.0 (0)	0.6 (14)
SW	0.0 (1)	0.1 (3)	0.2 (5)	0.4 (8)	0.2 (5)	0.0 (0)	1.0 (22)
WSW	0.0 (1)	0.4 (9)	1.9 (42)	4.5 (97)	1.8 (39)	0.6 (12)	9.2 (199)
W	0.0 (1)	0.6 (12)	1.2 (25)	2.2 (47)	0.7 (16)	1.9 (42)	6.6 (143)
WNW	0.1 (2)	0.2 (5)	0.8 (17)	0.2 (5)	0.3 (7)	0.6 (17)	2.5 (53)
NW	0.0 (1)	0.0 (0)	0.2 (5)	0.2 (4)	0.0 (0)	0.0 (0)	0.5 (10)
NNW	0.1 (2)	0.1 (3)	0.1 (2)	0.0 (1)	0.0 (1)	0.0 (1)	0.5 (10)
TOTAL	0.6 (14)	3.1 (68)	7.1 (153)	10.8 (233)	4.8 (104)	4.2 (91)	30.7 (663)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 663

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - E

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (1)	0.1 (3)	0.2 (5)	0.4 (8)	0.2 (5)	0.0 (0)	1.0 (22)
NNE	0.1 (2)	0.2 (5)	0.4 (8)	0.2 (5)	0.0 (1)	0.0 (1)	1.0 (22)
NE	0.0 (0)	0.4 (8)	0.6 (14)	0.4 (8)	0.0 (0)	0.0 (0)	1.4 (30)
ENE	0.0 (1)	0.5 (11)	0.7 (16)	0.2 (4)	0.0 (0)	0.0 (0)	1.5 (32)
E	0.1 (2)	0.4 (9)	0.4 (9)	0.2 (4)	0.0 (0)	0.0 (0)	1.1 (24)
ESE	0.0 (1)	0.1 (3)	0.3 (7)	0.2 (4)	0.0 (1)	0.0 (0)	0.7 (16)
SE	0.1 (2)	0.0 (1)	0.1 (3)	1.3 (29)	1.2 (26)	0.6 (14)	3.5 (75)
SSE	0.2 (4)	0.2 (4)	0.6 (13)	0.8 (17)	0.9 (19)	0.1 (2)	2.7 (59)
S	0.0 (1)	0.1 (3)	0.1 (3)	0.5 (11)	0.4 (8)	0.0 (0)	1.2 (26)
SSW	0.0 (1)	0.4 (8)	0.4 (9)	0.5 (11)	0.0 (0)	0.0 (0)	1.3 (29)
SW	0.0 (0)	0.5 (10)	0.8 (17)	0.9 (19)	0.1 (2)	0.0 (0)	2.2 (48)
WSW	0.2 (4)	0.6 (12)	1.7 (37)	2.5 (55)	0.6 (12)	0.2 (5)	5.8 (125)
W	0.2 (5)	0.6 (14)	1.8 (39)	1.3 (28)	0.4 (9)	0.7 (15)	5.1 (110)
WNW	0.0 (1)	0.7 (15)	0.6 (14)	0.3 (7)	0.2 (4)	0.1 (3)	2.0 (44)
NW	0.1 (2)	0.4 (8)	0.4 (9)	0.5 (11)	0.1 (2)	0.0 (1)	1.5 (32)
NNW	0.1 (3)	0.3 (7)	0.3 (7)	0.2 (4)	0.0 (1)	0.0 (0)	1.0 (22)
TOTAL	1.4 (30)	5.6 (121)	9.7 (209)	10.4 (225)	4.2 (90)	1.9 (41)	33.1 (716)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 716

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - F

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (1)	0.3 (6)	0.2 (4)	0.2 (5)	0.2 (5)	0.1 (2)	1.1 (23)
NNE	0.0 (0)	0.4 (9)	0.4 (8)	0.2 (5)	0.0 (0)	0.0 (1)	1.1 (23)
NE	0.0 (1)	0.1 (3)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.4 (8)
ENE	0.0 (1)	0.3 (6)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
E	0.0 (1)	0.1 (2)	0.2 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (8)
ESE	0.0 (1)	0.1 (2)	0.2 (5)	0.1 (2)	0.0 (1)	0.0 (0)	0.5 (11)
SE	0.0 (1)	0.0 (1)	0.1 (3)	0.2 (5)	0.0 (1)	0.0 (0)	0.5 (11)
SSE	0.1 (2)	0.0 (0)	0.0 (1)	0.1 (3)	0.3 (8)	0.0 (0)	0.6 (12)
S	0.0 (1)	0.1 (2)	0.0 (0)	0.2 (5)	0.2 (4)	0.0 (0)	0.6 (12)
SSW	0.0 (0)	0.1 (3)	0.2 (4)	0.3 (6)	0.0 (1)	0.0 (0)	0.6 (14)
SW	0.1 (3)	0.3 (6)	0.5 (10)	0.2 (5)	0.0 (0)	0.0 (0)	1.1 (24)
WSW	0.1 (2)	0.2 (5)	1.5 (33)	0.5 (11)	0.1 (2)	0.1 (2)	2.5 (55)
W	0.1 (3)	0.2 (5)	0.7 (15)	0.4 (8)	0.1 (2)	0.1 (3)	1.7 (36)
WNW	0.0 (0)	0.4 (8)	0.1 (3)	0.0 (0)	0.0 (1)	0.0 (0)	0.6 (12)
NW	0.0 (0)	0.2 (5)	0.1 (2)	0.1 (2)	0.0 (1)	0.1 (3)	0.6 (13)
NNW	0.0 (0)	0.1 (3)	0.1 (3)	0.2 (5)	0.1 (2)	0.0 (0)	0.6 (13)
TOTAL	0.8 (17)	3.1 (66)	4.7 (102)	2.9 (63)	1.2 (26)	0.5 (11)	13.2 (285)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 287

NUMBER OF MISSING WIND OBSERVATIONS: 2

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

J6120*

STABILITY CLASS - G

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.1 (2)	0.1 (2)	0.1 (3)	0.1 (2)	0.1 (3)	0.6 (12)
NNE	0.0 (0)	0.1 (2)	0.3 (7)	0.1 (2)	0.0 (0)	0.0 (0)	0.5 (11)
NE	0.0 (1)	0.0 (0)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.6 (13)
ENE	0.0 (1)	0.0 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
E	0.1 (3)	0.2 (4)	0.3 (6)	0.0 (1)	0.0 (0)	0.0 (0)	0.6 (14)
ESE	0.0 (0)	0.1 (2)	0.0 (0)	0.2 (4)	0.0 (0)	0.0 (0)	0.3 (6)
SE	0.0 (1)	0.2 (5)	0.2 (5)	0.1 (3)	0.0 (0)	0.0 (0)	0.6 (14)
SSE	0.0 (1)	0.2 (5)	0.1 (2)	0.5 (10)	0.0 (0)	0.0 (0)	0.8 (18)
S	0.1 (3)	0.2 (5)	0.2 (4)	0.4 (8)	0.1 (2)	0.0 (0)	1.0 (22)
SSW	0.1 (3)	0.6 (12)	0.5 (11)	0.3 (6)	0.0 (1)	0.0 (0)	1.5 (33)
SW	0.2 (4)	0.3 (7)	0.8 (18)	0.2 (4)	0.0 (0)	0.0 (0)	1.5 (33)
WSW	0.0 (0)	0.3 (6)	0.9 (17)	0.2 (4)	0.0 (0)	0.0 (0)	1.2 (27)
W	0.1 (2)	0.1 (3)	0.3 (7)	0.0 (1)	0.0 (0)	0.0 (0)	0.6 (13)
WNW	0.0 (1)	0.2 (5)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (9)
NW	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (1)	0.0 (1)	0.1 (2)	0.3 (6)
NNW	0.0 (0)	0.1 (2)	0.1 (2)	0.1 (3)	0.1 (2)	0.2 (4)	0.6 (13)
TOTAL	0.9 (20)	3.2 (70)	4.2 (90)	2.4 (51)	0.4 (8)	0.4 (9)	11.5 (248)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 250

NUMBER OF MISSING WIND OBSERVATIONS: 2

NUMBER OF CALM HOURS: 1

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - ALL

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (3)	0.8 (17)	1.1 (23)	1.5 (33)	1.0 (21)	0.3 (7)	4.8 (104)
NNE	0.1 (2)	1.1 (23)	1.7 (36)	1.4 (29)	0.1 (2)	0.2 (5)	4.3 (93)
NE	0.3 (7)	1.5 (33)	1.3 (28)	0.5 (10)	0.0 (1)	0.0 (0)	3.7 (79)
ENE	0.2 (5)	1.1 (24)	1.1 (24)	0.2 (5)	0.0 (0)	0.0 (0)	2.7 (58)
E	0.3 (7)	1.0 (22)	1.2 (27)	0.3 (7)	0.0 (0)	0.0 (0)	2.9 (63)
ESE	0.1 (3)	0.5 (10)	0.9 (19)	1.1 (24)	0.6 (13)	0.0 (1)	3.2 (70)
SE	0.2 (5)	0.6 (12)	1.0 (22)	2.7 (58)	1.6 (34)	1.0 (21)	7.0 (152)
SSE	0.3 (7)	0.5 (10)	0.9 (20)	1.9 (41)	2.0 (43)	0.5 (10)	6.1 (131)
S	0.3 (6)	0.6 (12)	0.7 (15)	2.0 (43)	1.1 (24)	0.2 (4)	4.8 (104)
SSW	0.2 (4)	1.2 (25)	1.5 (32)	1.2 (27)	0.1 (3)	0.0 (0)	4.2 (91)
SW	0.4 (8)	1.2 (27)	2.4 (51)	1.7 (36)	0.3 (7)	0.0 (0)	6.0 (129)
WSW	0.3 (7)	1.5 (33)	6.3 (137)	8.9 (193)	2.5 (55)	1.1 (23)	20.7 (448)
W	0.6 (12)	1.6 (36)	4.6 (99)	4.3 (94)	1.7 (36)	3.0 (65)	15.9 (344)
WNW	0.2 (4)	1.8 (39)	2.1 (46)	0.7 (15)	0.7 (15)	1.0 (22)	6.5 (141)
NW	0.1 (3)	1.0 (21)	1.0 (21)	0.9 (20)	0.2 (4)	0.3 (6)	3.5 (75)
NNW	0.2 (5)	0.9 (19)	1.1 (23)	0.8 (17)	0.4 (9)	0.3 (7)	3.7 (80)
TOTAL	4.1 (88)	16.9 (365)	28.8 (623)	30.0 (648)	12.3 (267)	7.9 (171)	100.0 (2162)

FOR STABILITY CLASS ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2166

NUMBER OF MISSING WIND OBSERVATIONS: 4

NUMBER OF CALM HOURS: 5

NIAGARA MOHAWK

0 0 3 6 2 1 4 7 7 AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (3)	0.8 (17)	1.1 (23)	1.5 (33)	1.0 (21)	0.3 (7)	4.8 (104)
NNE	0.1 (2)	1.1 (23)	1.7 (36)	1.1 (25)	0.1 (2)	0.2 (5)	4.3 (93)
NE	0.3 (7)	1.5 (33)	1.3 (28)	0.5 (10)	0.0 (1)	0.0 (0)	3.6 (79)
ENE	0.2 (5)	1.1 (25)	1.1 (24)	0.2 (5)	0.0 (0)	0.0 (0)	2.7 (59)
E	0.3 (7)	1.1 (25)	1.2 (27)	0.3 (7)	0.0 (0)	0.0 (0)	3.0 (66)
ESE	0.1 (3)	0.5 (10)	0.9 (19)	1.1 (24)	0.6 (13)	0.0 (1)	3.2 (70)
SE	0.2 (5)	0.6 (12)	1.0 (22)	2.7 (58)	1.6 (34)	1.0 (21)	7.0 (152)
SSE	0.3 (7)	0.5 (10)	0.9 (20)	1.9 (41)	2.0 (44)	0.5 (10)	6.1 (132)
S	0.3 (6)	0.6 (12)	0.7 (15)	2.0 (43)	1.1 (24)	0.2 (4)	4.8 (104)
SSW	0.2 (4)	1.1 (25)	1.5 (32)	1.2 (27)	0.1 (3)	0.0 (0)	4.2 (91)
SW	0.4 (8)	1.3 (28)	2.3 (51)	1.7 (37)	0.3 (7)	0.0 (0)	6.0 (131)
WSW	0.3 (7)	1.5 (33)	6.4 (139)	9.0 (196)	2.5 (55)	1.1 (23)	20.8 (453)
W	0.6 (12)	1.7 (38)	4.6 (101)	4.3 (94)	1.7 (37)	3.0 (65)	15.9 (347)
WNW	0.2 (4)	1.8 (39)	2.1 (46)	0.7 (15)	0.7 (15)	1.0 (22)	6.5 (141)
NW	0.1 (3)	1.0 (21)	1.0 (21)	0.9 (20)	0.2 (4)	0.3 (6)	3.4 (75)
NNW	0.2 (5)	0.9 (19)	1.1 (24)	0.8 (17)	0.4 (9)	0.3 (7)	3.7 (81)
TOTAL	4.0 (88)	17.0 (370)	28.8 (628)	29.9 (652)	12.4 (269)	7.9 (171)	100.0 (2178)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2184

NUMBER OF MISSING WIND OBSERVATIONS: 6

NUMBER OF CALM HOURS: 5

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG-20

STABILITY CLASS - A

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.2 (4)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
NNE	0.1 (1)	0.2 (3)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
NE	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
ENE	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
E	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
ESE	0.0 (0)	0.0 (0)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
SE	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SSE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
S	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
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)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
W	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)	0.1 (2)	0.1 (1)	0.3 (6)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)	0.3 (5)	0.8 (15)	1.2 (23)
NW	0.0 (0)	0.0 (0)	0.1 (2)	0.4 (8)	0.6 (12)	0.3 (5)	1.4 (27)
NNW	0.0 (0)	0.2 (3)	0.4 (6)	0.4 (6)	0.0 (0)	0.0 (0)	1.0 (19)
TOTAL	0.1 (2)	0.8 (15)	1.5 (28)	1.2 (22)	1.0 (19)	1.1 (21)	5.6 (107)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 107

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

SITE: NINE MILE LO-CUP (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - B

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.2 (3)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
NNE	0.0 (0)	0.2 (3)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NE	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ENE	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ESE	0.0 (0)	0.1 (1)	0.0 (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	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
S	0.0 (0)	0.1 (1)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
SSW	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
SW	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (2)	0.2 (3)
W	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.5 (9)	0.5 (10)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)	0.1 (1)	0.5 (9)	0.8 (16)
NW	0.0 (0)	0.1 (2)	0.2 (4)	0.5 (9)	0.4 (8)	0.1 (2)	1.3 (25)
NNW	0.1 (1)	0.2 (4)	0.4 (7)	0.2 (3)	0.0 (0)	0.0 (0)	0.8 (15)
TOTAL	0.1 (2)	1.0 (20)	1.3 (24)	0.9 (18)	0.6 (11)	1.2 (22)	5.1 (97)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 98

NUMBER OF MISSING WIND OBSERVATIONS: 1

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

00362 1430

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - C

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (1)	0.1 (2)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
NNE	0.1 (1)	0.2 (3)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
NE	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ENE	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
E	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ESE	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
SE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SSE	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
S	0.0 (0)	0.1 (2)	0.0 (0)	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	0.0 (0)	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.4 (7)	0.4 (8)
W	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)	0.6 (11)	0.7 (13)
WNW	0.0 (0)	0.0 (0)	0.1 (1)	0.3 (5)	0.1 (1)	0.1 (2)	0.5 (10)
NW	0.0 (0)	0.1 (2)	0.2 (4)	0.5 (9)	0.5 (9)	0.1 (1)	1.3 (25)
NNW	0.1 (1)	0.1 (1)	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.4 (8)
TOTAL	0.3 (5)	0.9 (17)	1.0 (19)	0.9 (17)	0.7 (13)	1.1 (21)	4.8 (92)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 99

NUMBER OF MISSING WIND OBSERVATIONS: 7

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

00362143

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9)

DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - D

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.5 (10)	0.6 (11)	1.0 (19)	0.0 (0)	0.0 (0)	0.0 (0)	2.1 (40)
NNE	0.6 (11)	0.9 (18)	1.2 (23)	0.0 (0)	0.0 (0)	0.0 (0)	2.7 (52)
NE	1.0 (20)	1.3 (25)	0.8 (16)	0.0 (0)	0.0 (0)	0.0 (0)	3.2 (61)
ENE	0.3 (6)	0.5 (9)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (15)
E	0.2 (4)	1.0 (19)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	1.3 (25)
ESE	0.2 (4)	0.8 (15)	1.2 (23)	0.3 (6)	0.0 (0)	0.0 (0)	2.5 (48)
SE	0.2 (3)	0.6 (12)	1.0 (19)	0.4 (7)	0.0 (0)	0.0 (0)	2.2 (41)
SSE	0.1 (2)	0.5 (9)	0.6 (11)	0.3 (5)	0.0 (0)	0.0 (0)	1.4 (27)
S	0.3 (6)	0.7 (14)	0.6 (11)	0.1 (2)	0.0 (0)	0.0 (0)	1.7 (33)
SSW	0.1 (1)	0.5 (10)	0.9 (17)	0.2 (4)	0.0 (0)	0.0 (0)	1.7 (32)
SW	0.2 (4)	0.2 (3)	0.5 (10)	0.5 (9)	0.1 (1)	0.0 (0)	1.4 (27)
WSW	0.1 (2)	0.3 (5)	0.7 (13)	0.9 (16)	0.7 (14)	1.2 (23)	3.9 (75)
W	0.1 (2)	0.6 (11)	0.5 (10)	0.9 (13)	1.4 (26)	1.2 (22)	4.7 (89)
WNW	0.3 (6)	0.7 (14)	1.0 (19)	1.5 (29)	2.3 (44)	1.7 (32)	7.6 (144)
NW	0.2 (3)	0.8 (15)	2.2 (41)	3.0 (57)	0.7 (13)	0.4 (7)	7.1 (136)
NNW	0.1 (1)	1.4 (27)	1.2 (23)	0.3 (5)	0.0 (0)	0.0 (0)	3.0 (57)
TOTAL	4.5 (85)	11.4 (217)	13.5 (257)	8.4 (161)	5.1 (98)	4.4 (84)	47.3 (902)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 947

NUMBER OF MISSING WIND OBSERVATIONS: 45

NUMBER OF CALM HOURS: 23

NIAGARA MOHAWK

OSWEGO 0 0 3 6 2 AMBIENT AIR MONITORING 1 1 0 2

SITE: NINE MILE LO-CUP (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - E

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.3 (5)	0.6 (12)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	1.0 (19)
NNE	0.1 (2)	0.6 (12)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (15)
NE	0.3 (5)	1.0 (20)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	1.5 (29)
ENE	0.5 (9)	0.8 (15)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.3 (24)
E	0.7 (13)	1.1 (21)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	1.8 (35)
ESE	0.4 (8)	1.4 (26)	0.9 (15)	0.7 (14)	0.1 (2)	0.0 (0)	3.4 (65)
SE	0.7 (13)	0.9 (13)	1.6 (30)	0.1 (2)	0.0 (0)	0.0 (0)	3.3 (63)
SSE	0.2 (3)	1.2 (23)	1.3 (24)	0.1 (1)	0.0 (0)	0.0 (0)	2.7 (51)
S	0.5 (9)	1.8 (34)	0.5 (10)	0.0 (0)	0.0 (0)	0.0 (0)	2.8 (53)
SSW	0.1 (2)	0.8 (16)	0.5 (10)	0.2 (3)	0.0 (0)	0.0 (0)	1.6 (31)
SW	0.1 (2)	0.5 (10)	0.9 (17)	0.7 (13)	0.1 (1)	0.0 (0)	2.3 (43)
WSW	0.0 (0)	0.2 (4)	0.8 (15)	0.5 (9)	0.3 (5)	0.0 (0)	1.8 (34)
W	0.1 (2)	0.2 (4)	0.4 (7)	0.3 (5)	0.2 (4)	0.4 (7)	1.5 (29)
WNW	0.1 (2)	0.2 (4)	0.4 (8)	0.0 (0)	0.6 (12)	0.7 (14)	2.1 (40)
NW	0.1 (1)	0.3 (5)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
NNW	0.1 (2)	0.4 (7)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (14)
TOTAL	4.1 (78)	12.1 (231)	9.0 (153)	2.5 (47)	1.3 (25)	1.1 (21)	29.1 (555)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 591

NUMBER OF MISSING WIND OBSERVATIONS: 36

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

J6120*

STABILITY CLASS - F

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
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 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ENE	0.1 (2)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
E	0.7 (13)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.0 (19)
ESE	0.5 (9)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (17)
SE	0.2 (4)	0.4 (9)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (13)
SSE	0.1 (2)	0.5 (9)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (15)
S	0.1 (1)	0.4 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (8)
SSW	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
WSW	0.1 (2)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
W	0.3 (5)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
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)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NNW	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
TOTAL	2.3 (43)	2.6 (49)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	5.1 (98)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 102

NUMBER OF MISSING WIND OBSERVATIONS: 4

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

0 0 3 6 2 (OSWEGO) AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - G

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ENE	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
E	0.4 (7)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (11)
ESE	0.6 (11)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (17)
SE	0.4 (7)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (13)
SSE	0.1 (1)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
S	0.1 (1)	0.1 (2)	0.0 (0)	0.0 (0)	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)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
W	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WNW	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNW	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
TOTAL	1.6 (31)	1.3 (24)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.9 (55)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 58

NUMBER OF MISSING WIND OBSERVATIONS: 3

NUMBER OF CALM HOURS: 0

SITE: NINE MILE LC-CUP (S) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

STABILITY CLASS - ALL

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.9 (17)	1.7 (33)	1.8 (34)	0.0 (0)	0.0 (0)	0.0 (0)	4.4 (84)
NNE	0.8 (15)	2.1 (40)	1.6 (31)	0.0 (0)	0.0 (0)	0.0 (0)	4.5 (86)
NE	1.4 (27)	2.7 (51)	1.1 (21)	0.0 (0)	0.0 (0)	0.0 (0)	5.2 (99)
ENE	1.0 (20)	1.7 (32)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.7 (52)
E	1.9 (37)	2.6 (50)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	4.8 (91)
ESE	1.7 (32)	3.0 (56)	2.3 (44)	1.0 (20)	0.1 (2)	0.0 (0)	8.2 (156)
SE	1.4 (27)	2.5 (47)	2.7 (52)	0.5 (9)	0.0 (0)	0.0 (0)	7.1 (135)
SSE	0.4 (8)	2.7 (52)	2.2 (41)	0.3 (6)	0.0 (0)	0.0 (0)	5.6 (107)
S	0.9 (17)	3.1 (60)	1.3 (25)	0.1 (2)	0.0 (0)	0.0 (0)	5.5 (104)
SSW	0.2 (4)	1.4 (28)	1.5 (29)	0.4 (7)	0.0 (0)	0.0 (0)	3.5 (66)
SW	0.4 (8)	0.7 (13)	1.5 (29)	1.2 (23)	0.1 (2)	0.0 (0)	3.9 (74)
WSW	0.2 (4)	0.5 (10)	1.6 (30)	1.4 (27)	1.2 (22)	1.7 (32)	6.6 (125)
W	0.5 (10)	0.8 (15)	0.9 (17)	1.4 (26)	1.8 (35)	2.6 (50)	8.1 (154)
WNW	0.5 (9)	0.9 (18)	1.5 (28)	2.3 (44)	3.3 (63)	3.8 (72)	12.3 (234)
NW	0.3 (5)	1.3 (24)	2.9 (55)	4.4 (83)	2.2 (42)	0.8 (15)	11.8 (224)
NNW	0.3 (6)	2.3 (43)	2.5 (47)	1.0 (19)	0.0 (0)	0.0 (0)	6.0 (115)
TOTAL	12.9 (246)	30.1 (573)	25.6 (487)	13.9 (265)	8.7 (166)	8.9 (169)	100.0 (1906)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2002

NUMBER OF MISSING WIND OBSERVATIONS: 96

NUMBER OF CALM HOURS: 23

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FOR JAN 1 1980 THROUGH MAR 31 1980

JG120*

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.9 (17)	1.7 (33)	1.8 (34)	0.0 (0)	0.0 (0)	0.0 (0)	4.4 (84)
NNE	0.8 (15)	2.1 (40)	1.6 (31)	0.0 (0)	0.0 (0)	0.0 (0)	4.5 (86)
NE	1.4 (27)	2.7 (51)	1.1 (21)	0.0 (0)	0.0 (0)	0.0 (0)	5.2 (99)
ENE	1.0 (20)	1.7 (32)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.7 (52)
E	1.9 (37)	2.6 (50)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	4.8 (91)
ESE	1.7 (32)	3.0 (56)	2.3 (44)	1.0 (20)	0.1 (2)	0.0 (0)	8.2 (156)
SE	1.4 (27)	2.5 (47)	2.7 (52)	0.5 (9)	0.0 (0)	0.0 (0)	7.1 (135)
SSE	0.4 (8)	2.7 (52)	2.1 (41)	0.3 (6)	0.0 (0)	0.0 (0)	5.6 (107)
S	0.9 (17)	3.1 (60)	1.3 (25)	0.1 (2)	0.0 (0)	0.0 (0)	5.5 (104)
SSW	0.2 (4)	1.4 (26)	1.5 (29)	0.4 (7)	0.0 (0)	0.0 (0)	3.5 (66)
SW	0.4 (8)	0.7 (13)	1.5 (29)	1.2 (22)	0.1 (2)	0.0 (0)	3.9 (74)
WSW	0.2 (4)	0.5 (10)	1.6 (30)	1.4 (27)	1.2 (22)	1.7 (32)	6.6 (125)
W	0.5 (10)	0.8 (16)	0.9 (18)	1.4 (25)	1.9 (35)	2.6 (50)	8.1 (155)
WNW	0.5 (9)	0.9 (18)	1.5 (28)	2.3 (44)	3.3 (63)	3.8 (72)	12.3 (234)
NW	0.3 (5)	1.3 (24)	2.9 (55)	4.4 (83)	2.2 (42)	0.8 (15)	11.7 (224)
NNW	0.3 (6)	2.3 (43)	2.5 (47)	1.0 (19)	0.0 (0)	0.0 (0)	6.0 (115)
TOTAL	12.9 (246)	30.0 (573)	25.5 (489)	13.9 (265)	8.7 (166)	8.9 (169)	100.0 (1907)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2184

NUMBER OF MISSING WIND OBSERVATIONS: 277

NUMBER OF CALM HOURS: 23

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - A

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (3)	0.4 (9)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (13)
NNE	0.2 (4)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
NE	0.1 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (5)
ENE	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
E	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ESE	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
SE	0.0 (0)	0.0 (0)	0.2 (5)	0.3 (7)	0.0 (0)	0.0 (0)	0.6 (12)
SSE	0.0 (0)	0.1 (2)	0.2 (5)	0.0 (1)	0.0 (0)	0.0 (0)	0.4 (8)
S	0.0 (0)	0.0 (1)	0.0 (1)	0.1 (3)	0.0 (0)	0.0 (0)	0.2 (5)
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)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (3)
W	0.0 (1)	0.3 (6)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
WNW	0.1 (2)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
NW	0.2 (4)	0.1 (2)	0.2 (5)	0.0 (1)	0.0 (0)	0.0 (0)	0.6 (12)
NNW	0.2 (4)	0.1 (2)	0.2 (5)	0.0 (1)	0.0 (0)	0.0 (0)	0.6 (12)
TOTAL	1.0 (22)	1.7 (36)	1.3 (28)	0.6 (14)	0.0 (0)	0.0 (0)	4.6 (100)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 100

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

SITE: NINE MILE LO-CUP (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - B

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
NNE	0.0 (0)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NE	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ENE	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (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)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
SSE	0.0 (0)	0.0 (0)	0.0 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.1 (3)
S	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (1)	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	0.0 (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)	0.4 (9)	0.1 (2)	0.0 (0)	0.0 (0)	0.6 (13)
W	0.0 (1)	0.0 (1)	0.0 (1)	0.2 (4)	0.1 (2)	0.1 (3)	0.6 (12)
WNW	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (3)
NW	0.0 (0)	0.2 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (5)
NNW	0.0 (0)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)
TOTAL	0.1 (2)	0.9 (19)	0.6 (17)	0.5 (10)	0.1 (2)	0.1 (3)	2.4 (53)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 53

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - C

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
NNE	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
NE	0.1 (2)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)
ENE	0.2 (4)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (5)
E	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ESE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
SE	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (3)
SSE	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (2)
S	0.0 (0)	0.1 (2)	0.0 (1)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (5)
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 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
WSW	0.0 (0)	0.0 (1)	0.4 (9)	0.3 (6)	0.0 (0)	0.1 (2)	0.8 (18)
W	0.1 (3)	0.1 (2)	0.4 (9)	0.7 (15)	0.0 (0)	0.1 (3)	1.5 (32)
WNW	0.1 (2)	0.0 (1)	0.1 (2)	0.2 (4)	0.1 (3)	0.0 (0)	0.6 (12)
NW	0.1 (2)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)
NNW	0.0 (1)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (4)
TOTAL	0.9 (19)	0.8 (18)	1.1 (23)	1.3 (29)	0.1 (3)	0.2 (5)	4.5 (97)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 97

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

00362 1490

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FO. APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - D

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.1 (3)	0.3 (6)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (15)
NNE	0.4 (8)	0.6 (12)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (20)
NE	0.5 (11)	0.4 (9)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (20)
ENE	0.4 (9)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
E	0.4 (8)	0.7 (15)	0.8 (17)	0.0 (0)	0.0 (0)	0.0 (0)	1.8 (40)
ESE	0.2 (5)	0.4 (9)	0.4 (9)	0.1 (3)	0.0 (0)	0.0 (0)	1.2 (26)
SE	0.0 (1)	0.3 (7)	0.6 (13)	0.5 (10)	0.1 (2)	0.0 (0)	1.5 (33)
SSE	0.0 (1)	0.2 (4)	0.3 (7)	0.2 (4)	0.0 (0)	0.0 (0)	0.7 (16)
S	0.0 (1)	0.3 (7)	0.6 (13)	0.2 (5)	0.0 (0)	0.0 (0)	1.2 (26)
SSW	0.0 (0)	0.6 (13)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (16)
SW	0.0 (1)	0.6 (13)	0.6 (13)	0.0 (1)	0.0 (0)	0.0 (0)	1.3 (28)
WSW	0.0 (1)	1.2 (27)	4.3 (94)	2.9 (63)	0.1 (2)	0.2 (4)	8.8 (191)
W	0.4 (9)	1.1 (23)	1.8 (39)	2.3 (50)	0.8 (18)	0.5 (10)	6.9 (149)
WNW	0.3 (6)	0.3 (6)	0.6 (13)	0.4 (9)	0.5 (10)	0.2 (4)	2.2 (48)
NW	0.1 (3)	0.1 (3)	0.2 (4)	0.0 (1)	0.0 (0)	0.0 (0)	0.5 (11)
NNW	0.2 (5)	0.2 (4)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.6 (13)
TOTAL	3.3 (72)	7.3 (159)	10.9 (234)	6.8 (147)	1.5 (32)	0.8 (18)	30.6 (662)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 663

NUMBER OF MISSING WIND OBSERVATIONS: 1

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - E

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.6 (12)	0.2 (5)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	1.0 (21)
NNE	0.5 (10)	0.3 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (17)
NE	0.9 (20)	0.4 (9)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.3 (28)
ENE	1.2 (27)	0.5 (11)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.8 (38)
E	1.4 (31)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.8 (39)
ESE	0.5 (10)	0.9 (19)	0.7 (15)	0.4 (9)	0.0 (0)	0.0 (0)	2.4 (53)
SE	0.2 (5)	1.0 (21)	1.4 (31)	0.4 (9)	0.0 (0)	0.0 (0)	3.0 (66)
SSE	0.3 (7)	0.9 (17)	0.5 (11)	0.0 (0)	0.0 (0)	0.0 (0)	1.6 (35)
S	0.4 (9)	0.6 (14)	0.5 (10)	0.0 (0)	0.0 (0)	0.0 (0)	1.5 (33)
SSW	0.5 (11)	0.7 (15)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	1.4 (30)
SW	0.5 (11)	1.6 (34)	0.3 (6)	0.0 (1)	0.0 (0)	0.0 (0)	2.4 (52)
WSW	0.6 (14)	1.9 (42)	2.8 (61)	0.9 (19)	0.0 (0)	0.0 (0)	6.3 (136)
W	0.8 (17)	1.3 (29)	1.1 (24)	0.5 (11)	0.3 (6)	0.1 (2)	4.1 (89)
WNW	0.6 (14)	0.5 (10)	0.6 (12)	0.1 (3)	0.0 (0)	0.0 (0)	1.8 (39)
NW	0.3 (7)	0.5 (11)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	1.0 (22)
NNW	0.3 (7)	0.5 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (17)
TOTAL	9.8 (212)	12.1 (261)	8.4 (182)	2.4 (52)	0.3 (6)	0.1 (2)	33.0 (715)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 716

NUMBER OF MISSING WIND OBSERVATIONS: 1

NUMBER OF CALM HOURS: 12

SITE: NINE MILE LO-CUP (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - F

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.6 (13)	0.2 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.8 (18)
NNE	0.1 (2)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
NE	0.2 (4)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (5)
ENE	0.5 (11)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (12)
E	0.6 (13)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (16)
ESE	0.5 (11)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (19)
SE	0.2 (5)	0.2 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
SSE	0.5 (10)	0.5 (10)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (20)
S	0.8 (18)	0.6 (14)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	1.5 (33)
SSW	0.3 (7)	0.4 (8)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (15)
SW	0.2 (4)	0.2 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (9)
WSW	0.2 (5)	0.6 (13)	0.6 (16)	0.1 (3)	0.0 (0)	0.0 (0)	1.8 (39)
W	0.6 (12)	1.0 (22)	0.6 (12)	0.1 (3)	0.0 (0)	0.0 (0)	2.3 (49)
WNW	0.3 (7)	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (9)
NW	0.2 (4)	0.2 (5)	0.3 (6)	0.0 (1)	0.0 (0)	0.0 (0)	0.7 (16)
NNW	0.3 (6)	0.2 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (11)
TOTAL	6.1 (132)	5.1 (110)	1.6 (38)	0.3 (7)	0.0 (0)	0.0 (0)	13.3 (287)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 287

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 8

NIAGARA MOHAWK

00362 1493

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - G

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.2 (5)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (9)
NNE	0.0 (0)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)
NE	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
ENE	0.2 (5)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
E	1.0 (21)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (23)
ESE	0.8 (18)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.1 (24)
SE	1.8 (39)	0.6 (13)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.4 (52)
SSE	0.9 (20)	0.8 (17)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.7 (37)
S	0.8 (17)	0.5 (11)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	1.3 (28)
SSW	0.3 (7)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (7)
SW	0.2 (5)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
WSW	0.2 (5)	0.1 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
W	0.5 (10)	0.1 (3)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.9 (19)
WNW	0.2 (5)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (9)
NW	0.1 (3)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (7)
NNW	0.3 (6)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (9)
TOTAL	7.7 (166)	3.4 (73)	0.5 (11)	0.0 (0)	0.0 (0)	0.0 (0)	11.6 (250)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 250

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 19

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (°)

DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

STABILITY CLASS - ALL

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	1.7 (37)	1.3 (29)	0.6 (13)	0.0 (0)	0.0 (0)	0.0 (0)	3.7 (79)
NNE	1.2 (26)	1.8 (38)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	3.0 (64)
NE	1.9 (41)	1.1 (23)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	3.0 (64)
ENE	2.6 (57)	0.7 (16)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	3.4 (73)
E	3.4 (74)	1.4 (30)	0.8 (18)	0.0 (0)	0.0 (0)	0.0 (0)	5.6 (122)
ESE	2.0 (44)	1.9 (42)	1.2 (25)	0.6 (12)	0.0 (0)	0.0 (0)	5.7 (123)
SE	2.3 (50)	2.2 (48)	2.4 (53)	1.2 (27)	0.1 (2)	0.0 (0)	8.3 (180)
SSE	1.8 (39)	2.4 (51)	1.1 (24)	0.4 (8)	0.0 (0)	0.0 (0)	5.6 (121)
S	2.1 (45)	2.3 (49)	1.2 (27)	0.5 (11)	0.0 (0)	0.0 (0)	6.1 (132)
SSW	1.2 (25)	1.7 (36)	0.3 (7)	0.0 (0)	0.0 (0)	0.0 (0)	3.1 (68)
SW	1.0 (22)	2.5 (54)	0.9 (19)	0.1 (2)	0.0 (0)	0.0 (0)	4.5 (97)
WSW	1.2 (25)	4.2 (90)	8.9 (193)	4.3 (94)	0.1 (2)	0.3 (6)	18.9 (410)
W	2.4 (53)	4.0 (86)	4.3 (94)	3.8 (83)	1.2 (25)	0.8 (18)	16.6 (360)
WNW	1.7 (36)	1.1 (23)	1.5 (33)	0.8 (17)	0.6 (13)	0.2 (4)	5.8 (126)
NW	1.1 (23)	1.4 (31)	0.9 (19)	0.1 (3)	0.0 (0)	0.0 (0)	3.5 (76)
NNW	1.3 (29)	1.4 (30)	0.4 (9)	0.1 (2)	0.0 (0)	0.0 (0)	3.2 (69)
TOTAL	28.9 (625)	31.2 (676)	24.6 (533)	12.0 (259)	2.0 (43)	1.3 (28)	100.0 (2164)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2166

NUMBER OF MISSING WIND OBSERVATIONS: 2

NUMBER OF CALM HOURS: 41

NIAGARA MOHAWK

00362 1495

OSWEGO AMBIENT AIR MONITORING

SITE: NINE MILE LO-CUP (9) DATA FOR APR 1 1980 THROUGH JUNE 30 1980

JG120*

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

DIR	SPEED (MPH) 00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	1.7 (37)	1.3 (29)	0.6 (13)	0.0 (0)	0.0 (0)	0.0 (0)	3.6 (79)
NNE	1.2 (26)	1.7 (38)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.9 (64)
NE	1.9 (41)	1.1 (23)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	2.9 (64)
ENE	2.7 (58)	0.7 (15)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	3.4 (74)
E	3.4 (74)	1.5 (32)	0.8 (18)	0.0 (0)	0.0 (0)	0.0 (0)	5.7 (124)
ESE	2.0 (44)	1.9 (42)	1.1 (25)	0.6 (12)	0.0 (0)	0.0 (0)	5.6 (123)
SE	2.3 (50)	2.2 (48)	2.4 (53)	1.2 (27)	0.1 (2)	0.0 (0)	8.3 (180)
SSE	1.7 (38)	2.3 (51)	1.1 (24)	0.4 (8)	0.0 (0)	0.0 (0)	5.6 (121)
S	2.1 (45)	2.2 (49)	1.2 (27)	0.5 (11)	0.0 (0)	0.0 (0)	6.1 (132)
SSW	1.1 (25)	1.7 (36)	0.3 (7)	0.0 (0)	0.0 (0)	0.0 (0)	3.1 (68)
SW	1.0 (22)	2.5 (54)	0.9 (19)	0.1 (2)	0.0 (0)	0.0 (0)	4.5 (97)
WSW	1.1 (25)	4.2 (92)	9.1 (198)	4.4 (95)	0.1 (2)	0.3 (6)	19.2 (418)
W	2.4 (53)	3.9 (86)	4.4 (96)	3.8 (83)	1.2 (26)	0.8 (18)	16.6 (362)
WNW	1.7 (36)	1.1 (23)	1.5 (33)	0.8 (17)	0.6 (13)	0.2 (4)	5.8 (126)
NW	1.1 (23)	1.4 (31)	0.9 (19)	0.1 (3)	0.0 (0)	0.0 (0)	3.5 (76)
NNW	1.3 (29)	1.4 (30)	0.4 (9)	0.1 (2)	0.0 (0)	0.0 (0)	3.2 (70)
TOTAL	28.7 (626)	31.2 (680)	24.8 (541)	11.9 (260)	2.0 (43)	1.3 (28)	100.0 (2178)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2184

NUMBER OF MISSING WIND OBSERVATIONS: 6

NUMBER OF CALM HOURS: 41

NIAGARA MOHAWK
OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 7 6

NINE MILE UPPER (9) TEMPERATURE DIFFERENCE (DEG F (TDFU) DATA FOR JANUARY 19

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	.1	.2	-.3	-.4	-.4	-.5	-.5	-.5	-.6	-.7	-.7	-.8	-.8	-.8	-.7	-.6	-.4	-.3	-.3	.0	-.1	.0	.3	.1	-.
02	.3	.0	-.1	-.2	-.7	-.7	-.4	-.5	-.1	-.7	-.9	-1.2	-1.4	-1.4	-1.2	-1.3	-1.3	-.9	-.5	-.5	-.5	-.5	-.8	-.7	-.
03	-.7	-.6	-.6	-.6	-.7	-.8	-.7	-.6	-.9	-1.3	-1.6	-1.6	-1.8	-1.7	-1.4	-1.4	-1.3	-1.4	-1.3	-1.0	-.7	-.7	-.6	-.6	-1.
04	-.6	-.6	-.6	-.5	-.5	-.2	2.2	3.7	2.4	-1.1	-1.7	-1.9	-2.4	-2.2	-1.8	-1.4	.0	1.3	.7	1.5	3.1	2.8	.9	.7	.
05	.3	.5	2.0	2.6	1.1	.0	-.5	-.7	-.8	-1.0	-1.5	-2.0	-1.8	-1.5	-1.6	-1.2	-.8	-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.
06	-.5	-.5	-.4	-.3	-.2	-.1	-.1	-.2	-.8	-1.4	-1.3	-1.5	-1.3	-1.1	-1.0	-.8	-.1	1.5	3.4	2.3	.4	-.1	.0	-.3	-.
07	-.6	-.6	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-1.1	-.9	-.7	-.9	-.8	-.7	-.7	-.9	-.9	-1.2	-1.2	-1.6	-1.5	-1.5	-.
08	-1.4	-1.5	-1.4	-1.4	-1.6	-1.6	-1.4	-1.7	-1.5	-1.4	-1.7	-1.8	-1.5	-1.4	-1.0	-1.1	-.8	-.7	-.7	-.7	-1.7	-1.5	-1.5	-1.3	-1.
09	-1.1	-1.3	-1.4	-1.4	-1.3	-1.4	-1.3	-1.1	-.7	-.7	-.9	-1.1	-1.7	-1.6	-1.2	-1.1	-1.3	-1.3	-1.6	-1.5	-1.7	-2.4	-2.1	-2.0	-1.
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	***
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	***
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	***
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	***
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	***
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	***
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	***
17	****	****	****	****	****	****	****	****	****	****	****	****	-.4	-.4	.1	.7	.8	.3	.3	.5	.5	.6	.8	.7	.
18	.4	.4	.5	.5	.3	.5	.7	.8	.3	.2	.3	-.1	-.1	-.1	.1	.1	.3	.5	.5	.1	.1	.2	.1	.1	.
19	.0	.1	.1	.1	.1	.1	.0	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.2	-.
20	-.1	-.1	-.1	-.1	-.4	-.5	-.6	-.6	-.6	-.5	-.9	-1.0	-1.0	-.9	-.8	-.7	-.6	-.7	-.7	-.7	-.8	-.8	-.8	-.8	-.
21	-.7	-.7	-.6	-.6	-.7	-.9	-.7	-.8	-.8	-.9	-.9	-1.1	-.9	-.9	-.9	-.8	-.7	-.5	-.6	-.5	-.5	-.5	-.5	-.4	-.
22	.0	.1	.2	.1	.1	.0	-.1	.0	-.2	-.3	-.4	-.4	-.3	-.3	-.3	-.3	.0	.2	.0	.0	.2	.2	.1	.1	-.
23	.1	.1	.1	.1	.2	.0	-.2	-.5	-.4	-.6	-.9	-.9	-.9	-1.3	-1.3	-1.2	-1.5	-1.7	-1.4	-1.3	-1.7	-2.1	-2.0	-2.2	-.
24	-2.3	-2.2	-2.1	-2.0	-2.0	-2.0	-1.9	-1.8	-1.8	-1.8	-1.9	-1.8	-1.9	-1.8	-1.7	-1.8	-1.8	-1.8	-1.7	-1.6	-1.4	-1.4	-1.3	-1.3	-1.
25	-1.2	-1.1	-1.1	-1.0	-.8	-.3	.0	.0	-.4	-.7	-1.1	-1.1	-1.0	-1.0	-.8	-.5	-.5	-.4	-.3	-.1	1.4	.8	-1.3	-1.2	-.
26	-1.2	-1.1	-1.2	-1.0	-.9	-.8	-.7	-.7	-.7	-.5	-.5	-.9	-1.0	-1.1	-1.1	-1.0	-1.0	-.9	-.8	-.8	-.9	-.9	-.8	-.8	-.
27	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.5	-.6	-.6	-.7	-.8	-.6	-.7	-.6	-.4	.1	1.3	1.3	1.9	.6	.2	.0	-.
28	-.1	-.7	-.3	-.6	-.7	-.7	-.8	-.9	-.8	-.8	-.9	-.9	-1.0	-.8	-.7	-.8	-.9	-.8	-.6	-.4	-.1	-.9	-1.1	-1.1	-.
29	-1.3	-1.6	-1.3	-.5	-.4	-.3	.1	.1	-.6	-1.0	-1.1	-1.8	-1.7	-1.2	-1.0	-.8	-1.1	-1.4	-1.7	-1.7	-1.8	-1.6	-1.6	-1.6	-1.
30	-1.7	-1.6	-1.5	-1.6	-1.7	-1.7	-1.4	-1.4	-1.4	-1.4	-1.6	-1.4	-1.1	-.9	-.8	-.8	-.9	-.9	-.8	-.7	-.7	-.7	-.5	-.1	-1.
31	.1	.1	-.1	-.1	-.1	-.2	-.4	-.8	-.9	-1.0	-1.2	-1.6	-1.4	-1.6	-1.4	-1.2	-1.2	-1.1	-1.3	-1.1	-.9	-1.0	-1.2	-1.1	-.

VALIDATED DATA

DATE JUL 31 1990

NMPC

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

0 0 3 6 2 MONTHLY SUMMARY 7

JG1

NINE MILE LOWER (9) TEMPERATURE (DEG F) (IMPL) DATA FOR JANUARY 19

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	32	32	32	31	31	31	31	31	31	31	32	33	33	34	34	34	34	34	33	33	33	33	33	32	32
02	32	32	32	32	32	32	31	32	32	32	29	29	29	28	27	27	26	25	25	25	25	24	24	23	29
03	22	21	20	18	18	17	16	15	16	16	16	17	17	13	17	17	17	17	17	17	15	15	15	14	17
04	14	14	14	13	10	9	6	5	6	10	14	16	17	18	20	21	19	19	21	19	18	18	18	18	15
05	19	18	17	18	20	21	21	21	20	20	20	22	22	23	24	23	23	21	20	19	19	18	17	16	20
06	15	15	14	13	13	12	12	13	14	15	16	17	17	18	18	18	17	16	15	15	17	20	21	23	16
07	24	24	25	28	30	30	30	31	32	33	35	36	34	35	35	34	34	33	32	32	31	30	30	30	31
08	30	30	30	29	28	27	27	27	27	26	26	26	26	26	25	26	26	26	26	26	27	28	27	27	27
09	26	26	26	26	26	26	26	22	22	22	22	22	23	24	24	25	26	26	25	25	25	24	24	25	
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	38	38	38	38	38	38	38	38	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	37
20	36	36	36	35	34	33	33	32	32	31	30	29	29	28	28	28	28	28	28	28	28	28	28	28	31
21	28	28	28	28	27	26	27	26	26	26	25	25	25	25	26	26	27	28	28	28	28	28	28	28	27
22	27	27	27	27	26	27	27	27	27	28	28	28	28	29	29	29	30	30	30	31	31	31	31	31	29
23	30	30	30	30	30	30	30	29	28	26	26	26	26	25	25	25	24	24	23	22	22	22	21	21	26
24	20	18	16	15	14	14	14	14	16	16	16	16	17	18	18	18	19	19	19	19	19	20	20	20	17
25	20	19	19	18	18	16	15	15	16	16	17	18	19	20	20	20	20	19	19	19	19	22	22	22	19
26	22	22	22	21	21	21	21	21	22	20	20	22	22	22	22	22	23	24	24	24	24	24	23	22	22
27	22	22	22	22	22	22	22	22	22	22	23	24	24	24	25	25	25	25	24	24	24	24	23	24	23
28	26	26	26	26	26	26	26	26	26	26	26	26	26	26	22	26	26	26	26	25	24	26	26	25	26
29	25	25	25	23	22	22	21	20	20	20	20	20	20	20	20	20	21	21	22	22	21	20	19	18	21
30	17	16	16	16	16	16	16	16	16	15	14	14	14	14	15	16	17	18	19	20	20	20	19	18	17
31	16	14	11	10	9	9	8	8	8	8	8	8	8	6	6	6	6	8	10	10	9	8	8	7	9

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2

JG11

NINE MILE LO-COP (9) WIND DIRECTION-COP (DEG) (WDRC) DATA FOR JANUARY 1980

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	185	190	200	185	200	215	205	195	195	195	180	215	240	250	230	240	175	180	190	225	205	190	190	190	190
02	195	190	185	185	245	245	225	260	205	0	15	5	20	0	0	355	0	15	25	40	40	30	45	15	0
03	35	35	45	30	35	35	35	40	50	35	25	25	355	335	340	320	325	340	335	345	35	40	60	65	35
04	65	50	70	65	110	115	105	125	115	115	135	30	45	60	75	65	80	60	65	95	100	120	130	120	65
05	100	90	105	105	70	45	45	40	30	25	30	30	20	25	30	35	30	30	30	30	25	40	40	45	30
06	40	45	35	45	35	50	40	30	30	25	340	15	295	270	300	85	115	95	110	110	115	115	120	125	115
07	110	125	125	120	140	155	150	155	160	160	170	180	210	250	250	250	250	250	250	250	260	260	260	250	250
08	250	250	260	250	250	250	250	270	270	250	245	250	260	230	210	225	200	205	210	210	250	250	250	245	250
09	240	240	240	240	270	260	270	200	200	200	210	210	220	235	220	235	240	250	250	250	290	285	290	300	240
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	130	140	140	140	125	120	120	120	115	125	130	145	120
18	165	150	165	140	170	200	180	190	220	240	220	230	235	235	235	235	240	250	235	235	235	255	260	260	235
19	250	270	275	290	295	285	285	285	285	285	285	290	285	290	290	290	290	290	295	300	295	280	285	290	285
20	285	290	290	300	300	295	295	300	300	310	320	315	310	305	300	290	285	285	280	285	300	300	295	290	300
21	295	310	300	305	305	310	310	310	310	305	305	300	300	295	300	300	290	290	295	300	310	310	310	295	310
22	140	140	135	145	165	165	160	160	160	155	155	155	135	160	135	150	175	220	215	205	190	200	200	195	160
23	185	180	185	175	180	215	245	280	275	275	260	240	240	245	250	250	265	260	270	285	290	290	290	290	290
24	300	305	305	305	315	315	310	315	315	315	310	305	300	295	295	300	300	305	310	305	310	310	310	310	310
25	320	325	335	340	350	110	110	105	130	125	125	130	150	140	145	160	155	150	160	165	175	255	310	310	110
26	300	310	320	320	330	320	320	320	360	100	300	210	305	290	290	295	280	285	285	285	290	300	315	310	320
27	310	310	315	310	300	310	325	335	350	390	270	30	330	300	300	285	280	205	135	135	155	165	170	190	310
28	230	240	205	255	275	280	285	290	300	295	310	310	315	300	290	270	255	260	250	215	185	255	250	250	250
29	250	250	245	270	40	80	180	260	30	25	30	350	360	15	350	330	295	295	300	305	305	305	310	315	305
30	310	315	310	315	300	310	310	310	315	325	330	325	320	310	290	300	285	280	300	315	320	325	360	20	310
31	25	35	40	35	35	25	10	10	15	15	10	350	355	355	350	340	335	340	335	350	15	360	350	355	350

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 1 9 9

JG11

NINE MILE UPPER (9) WIND DIRECTION (DEG) (WDRU) DATA FOR JANUARY 1980

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	205	210	200	200	200	205	210	205	190	200	200	200	220	245	225	185	195	195	200	235	215	210	205	205	206
02	225	225	195	210	245	245	210	255	225	355	20	30	10	15	20	10	10	10	25	20	25	20	30	30	10
03	35	40	45	35	30	45	45	40	25	35	40	15	340	350	335	320	330	335	340	350	35	40	35	45	35
04	40	45	60	70	110	115	90	105	115	125	135	55	60	50	65	40	35	45	45	65	70	105	130	120	45
05	115	100	100	45	55	40	40	30	30	25	20	20	25	25	30	30	20	25	20	25	20	25	30	25	25
06	30	45	50	40	45	50	30	25	35	20	10	20	325	270	305	75	95	105	120	130	130	130	125	135	130
07	155	160	150	160	160	175	175	175	175	175	180	200	220	250	260	255	260	260	260	255	270	270	265	265	175
08	265	260	265	265	265	265	265	270	275	260	255	260	265	245	245	225	225	235	220	225	260	260	260	260	260
09	245	250	255	255	290	300	280	220	230	215	225	225	230	240	240	240	255	260	260	265	300	295	305	310	240
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	****	240	250	240	245	250	250	250	255	260	265	250	250	270	275	270	250
19	265	275	285	300	300	300	295	295	295	295	295	300	300	300	300	300	300	300	300	300	310	300	290	295	300
20	300	295	300	300	300	310	300	310	310	315	330	330	320	320	310	300	295	290	295	300	305	305	305	300	300
21	300	310	315	310	315	315	320	320	320	315	310	310	310	305	310	310	300	300	300	305	315	320	320	315	310
22	150	160	170	170	180	180	180	175	175	175	170	170	160	160	165	170	185	210	230	230	220	225	220	215	170
23	205	200	200	195	200	230	260	290	280	280	280	250	250	250	260	260	270	275	280	300	300	300	300	310	280
24	315	315	320	315	320	320	325	325	325	325	320	315	310	300	300	310	310	310	315	310	320	320	320	320	320
25	330	340	345	350	360	110	125	135	140	145	150	150	165	170	165	175	170	170	175	190	210	270	320	320	170
26	310	320	340	345	350	345	330	330	20	110	120	330	320	300	300	290	285	290	290	290	300	310	320	320	290
27	320	320	320	315	310	320	340	350	360	60	90	60	330	315	315	300	295	240	185	165	190	195	190	190	320
28	240	255	230	270	290	300	300	310	310	310	320	325	330	315	300	270	265	265	250	240	210	265	260	260	265
29	260	255	260	90	45	60	240	30	30	30	30	15	360	360	360	345	310	310	310	320	320	320	320	320	320
30	330	315	315	315	300	290	310	320	330	340	360	20	330	315	310	310	300	300	310	315	330	340	355	15	315
31	25	40	40	40	40	30	20	20	20	30	180	180	180	180	360	340	340	340	340	340	350	340	350	350	340

VALIDATED DATA

DATE JUL 3 1 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2

JG110

NINE MILE LO-CUP (9) WIND SPEED-CUP (MPH) (WSPC) DATA FOR JANUARY 1980

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	5	4	4	4	4	4	4	3	4	4	3	3	3	4	3	1	2	3	2	2	3	3	3	4	3
02	4	3	4	4	10	13	6	9	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
03	0	0	0	0	0	0	0	0	0	2	5	5	6	5	7	7	7	7	6	6	6	5	5	5	4
04	5	4	4	4	5	5	3	3	4	4	4	3	4	5	3	3	1	2	3	3	3	2	3	3	3
05	3	3	3	2	3	5	6	8	8	8	9	9	10	10	10	9	11	11	9	10	9	8	8	8	8
06	8	6	5	5	5	4	4	4	5	4	3	3	3	3	3	2	2	3	3	3	7	7	7	10	5
07	14	14	14	16	16	18	12	16	16	16	16	16	16	32	32	34	32	36	32	30	30	36	34	34	23
08	34	30	30	32	32	30	30	28	26	25	24	22	22	16	10	8	8	8	8	8	28	30	30	24	23
09	20	24	26	22	18	18	18	8	8	8	10	10	10	10	10	12	20	24	24	26	28	24	22	20	18
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	****	****	****	****	****	9	9	10	8	11	11	12	13	15	15	15	12
19	19	19	18	21	20	22	22	22	23	22	23	24	27	26	25	23	23	26	27	24	22	23	27	26	23
20	25	26	27	28	28	26	24	23	22	20	17	18	18	19	19	18	18	19	21	23	24	24	25	26	22
21	27	25	22	22	23	23	23	25	27	22	19	18	19	20	19	21	22	23	25	21	17	12	9	4	20
22	2	3	4	6	8	9	10	10	9	10	10	10	10	8	8	9	7	8	10	9	8	7	8	7	8
23	7	6	7	6	7	16	23	22	26	25	24	25	23	23	25	26	28	29	26	22	29	31	32	32	22
24	32	28	26	25	22	20	20	20	20	21	20	22	25	28	27	28	27	24	22	22	18	18	18	18	23
25	18	18	15	12	9	6	7	6	6	8	8	9	8	8	8	5	6	5	3	5	6	12	18	18	9
26	24	22	18	15	12	10	7	7	3	5	3	4	15	20	19	19	19	20	22	20	20	16	13	13	15
27	12	13	14	13	14	12	8	6	4	3	2	3	4	4	4	3	5	4	3	3	4	5	5	7	6
28	10	17	10	17	24	24	24	22	19	19	15	15	14	16	17	23	24	22	21	16	9	22	22	23	19
29	24	22	19	10	6	3	3	4	5	6	5	5	6	6	4	5	13	17	21	22	22	22	20	21	12
30	19	18	17	15	17	18	18	18	15	14	11	10	10	9	8	8	12	14	12	10	11	12	9	9	13
31	7	8	8	8	7	6	7	8	7	8	7	7	7	8	8	9	11	11	13	11	9	9	10	9	8

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 0 1

JG110

NINE MILE UPPER (9) WIND SPEED (MPH) (WSPU) DATA FOR JANUARY 1980

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	10	8	9	9	8	7	8	7	8	7	5	5	4	5	5	1	5	6	4	5	7	7	8	8	7
02	8	7	8	9	14	17	10	13	12	19	15	13	14	16	16	15	15	14	14	13	15	14	16	15	13
03	18	17	19	17	15	15	14	11	13	12	10	10	10	10	11	11	12	13	12	13	15	15	14	14	13
04	13	12	12	12	10	12	11	9	9	6	5	4	8	9	6	5	5	8	11	9	9	10	10	10	9
05	10	11	11	7	10	15	16	20	22	24	25	27	28	23	28	28	29	30	28	30	25	23	24	24	22
06	21	18	16	15	13	12	10	11	11	8	6	4	4	2	3	2	2	8	12	13	17	15	16	20	11
07	26	28	28	35	37	25	33	31	31	30	32	27	17	36	47	44	44	51	45	42	40	46	44	43	36
08	48	45	41	37	40	39	41	35	33	32	32	29	27	23	15	15	14	14	16	17	33	36	38	33	31
09	27	30	34	29	25	23	22	13	16	13	15	15	16	16	17	18	26	29	31	33	35	32	30	26	24
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	****	10	13	14	15	14	13	14	13	16	18	17	17	20	21	20	16
19	25	25	24	26	25	26	27	28	27	27	27	30	32	33	32	28	25	29	34	26	22	21	30	32	28
20	32	30	33	34	34	34	30	28	27	26	27	25	25	25	23	20	18	18	19	20	21	22	22	23	26
21	25	28	30	27	28	30	31	32	34	28	24	22	22	22	24	25	27	29	30	26	24	17	11	4	25
22	4	7	8	12	15	15	16	16	15	14	16	16	16	13	15	14	13	14	15	13	12	12	14	12	13
23	11	11	11	11	11	20	30	25	30	28	27	32	30	28	31	33	34	34	30	26	35	40	38	38	27
24	38	35	32	30	28	25	25	26	28	28	25	26	28	32	32	32	30	29	28	26	22	22	22	23	28
25	24	26	25	20	16	10	12	11	10	10	10	12	10	10	8	8	8	7	5	9	11	16	23	23	14
26	26	26	26	23	19	15	10	10	12	6	2	6	19	24	23	20	21	22	22	23	22	17	15	14	18
27	13	15	15	13	14	14	11	10	7	3	1	2	3	3	4	3	5	5	4	4	7	10	10	13	8
28	15	23	15	21	28	30	27	24	22	20	18	19	18	16	18	28	30	28	28	26	15	29	28	28	23
29	30	28	24	18	13	7	5	6	15	14	10	10	12	10	7	8	15	20	25	28	28	28	27	30	17
30	27	25	22	22	23	25	24	23	22	21	18	16	14	12	10	10	14	16	16	15	15	18	19	20	19
31	15	17	18	18	15	14	15	16	16	15	13	13	13	14	15	15	15	18	21	22	20	18	18	18	16

VALIDATED DATA

DATE JUL 31 1980

NMPG

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

MONTHLY SUMMARY

00362 1302

JG110

NINE MILE UPPER (9) TEMPERATURE DIFFERENCE (DEG F (TDFD) DATA FOR FEBRUARY 1980

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	-1.1	-1.1	-1.0	-1.2	-1.3	-1.3	-1.4	-1.4	-1.5	-1.7	-1.8	-1.8	-1.7	-1.8	-1.8	-1.7	-1.7	-1.8	-1.8	-1.8	-1.8	-1.9	-1.8	-1.7	-1.6
02	-1.5	-1.4	-1.4	-1.4	-1.5	-1.6	-1.4	-1.4	-1.4	-1.4	-1.4	-1.3	-1.4	-1.4	-1.6	-1.5	-1.4	-1.3	-1.4	-1.5	-1.6	-1.6	-1.5	-1.6	-1.5
03	-1.4	-1.4	-1.3	-1.3	-1.2	-1.2	-1.1	-1.0	-1.0	-1.0	-1.0	-.8	-1.1	-1.1	-1.0	-.8	-.7	-.7	-.8	-.8	-.7	-.7	-.3	1.4	-.9
04	-.2	-.2	-.3	-.5	-.5	-.7	-.7	-.7	-.7	-.8	-.8	-1.0	-.9	-.8	-.9	-.7	-.6	-.5	-.2	1.0	4.1	5.1	4.5	5.7	.4
05	6.2	5.5	4.2	4.8	5.8	5.0	3.2	1.7	.8	-.3	-.6	-.8	-1.0	-1.1	-1.1	-1.1	-.9	-.4	-.3	-.1	1.3	2.2	4.1	4.2	1.7
06	3.4	4.6	5.8	4.1	4.6	4.7	5.4	4.0	4.3	.3	-.9	-.8	-.9	-1.2	-1.6	-1.3	-1.0	-.2	.3	2.3	3.3	1.8	-.2	1.3	1.8
07	2.8	4.7	4.6	4.2	3.9	3.8	.2	-.3	-.7	-1.0	-1.4	-1.9	-2.0	-2.1	-1.9	-1.4	-.7	.2	.6	1.0	1.3	3.8	3.2	8.4	1.2
08	9.0	1.2	1.2	.8	.6	.4	.5	.2	3.2	-1.1	-1.4	-1.0	-1.0	-.9	-.6	-.7	-.6	-.5	-.5	-.4	-.3	-.3	1.4	1.6	.5
09	2.2	4.0	4.0	2.6	2.4	3.4	2.6	4.8	2.7	-.1	-1.0	-1.1	-1.4	-1.0	-1.1	-1.2	-.5	-.2	.1	-.3	-.3	-.3	-.1	1.7	.9
10	2.6	3.7	4.8	6.9	6.9	6.6	8.1	7.4	5.2	-.2	-1.5	-1.7	-1.8	-1.5	-1.0	-.7	-.5	-.5	-.5	-.5	-.4	-.4	1.0	-.1	1.7
11	-.2	-.1	-.1	-.3	-.3	.4	.8	1.1	1	-.8	-1.0	-1.3	-1.5	-1.2	-1.2	-.6	-.5	-.3	-.3	-.3	-.7	-.7	.4	1.5	-.3
12	.2	.0	-.2	-.4	-1.1	-1.0	-1.0	-1.0	-1.0	-.9	-.8	-.7	-.8	-.7	-.8	-.7	-.6	-.5	-.5	-.5	-.5	-.6	-.8	-.7	-.7
13	-.9	-.8	-.7	-.7	-.8	-.7	-.5	-.1	-.3	-.6	-.4	-.5	-.4	-.5	-.3	-.2	-.3	.8	2.1	1.8	2.2	3.2	2.1	.6	.2
14	1.5	1.4	.9	1.0	-.1	-.4	-.3	-.2	-.5	-.5	-.5	-.4	-.4	****	****	-.9	-1.0	-.7	-.6	-.6	-.6	-.6	-.5	-.7	-.2
15	-.7	-.7	-.6	-.4	-.3	-.3	-.2	.1	-.7	-1.0	-1.6	-1.6	-1.8	-1.7	-.9	-1.0	-.8	-.5	-.3	-.2	-.3	-.4	-.5	-.5	-.7
16	-.5	-.4	-.3	-.4	-.5	-.5	-.6	-.7	-1.1	-1.4	-1.8	-2.3	-2.1	-2.0	-1.9	-1.5	-.6	-.3	-.4	-.3	-.2	-.6	-.2	-.6	-.9
17	-.7	-.6	-.7	-.7	-.8	-1.0	-.9	-.7	-.6	-.6	-.8	-.8	-.9	-.7	-.7	-.5	-.4	-.4	-.2	-.2	-.5	-.5	-.4	-.5	-.6
18	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.4	-.8	-.9	-1.1	-1.4	-1.7	-1.8	-1.2	-1.4	-1.1	-.2	1.3	1.7	2.2	2.2	2.3	1.6	-.2
19	1.6	1.9	1.2	1.0	.5	.1	.1	.1	-.2	-.3	-.5	-.8	-.8	-.8	.2	2.1	.9	1.3	1.0	1.8	1.8	1.1	1.7	3.9	.8
20	6.4	5.4	2.6	3.6	2.8	1.6	1.0	1.0	-.4	-.7	-1.0	-1.4	-1.1	-1.2	-.9	-.5	-.2	1.2	3.7	5.6	1.3	.3	.3	1.0	1.2
21	1.1	.4	1.1	1.0	1.1	.9	1.0	1.1	.9	.8	1.1	1.0	.1	-.8	-.7	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.5	-.3	.2
22	-.2	-.1	-.1	-.2	.0	.1	-.4	-.7	-.5	-.6	-.7	-.8	-.9	-.7	-.4	-.4	-.3	.0	.0	.3	.3	.3	-.3	-.6	-.3
23	-1.0	-1.1	-1.0	-1.2	-1.1	-1.0	-1.1	-1.2	-1.2	-1.4	-1.2	-1.2	-1.2	-1.2	-1.2	-.5	-.7	-.7	-.7	-.5	.0	.5	1.1	1.1	-.7
24	1.0	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.2	-.4	-.2	-.1	-.1	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.5	-.4	-.2
25	-.5	-.4	-.5	-.4	-.4	-.4	.3	-.1	-.4	-.6	-.7	-.7	-1.6	-2.1	-2.4	-1.9	-1.5	-.8	-.6	-.6	-.6	-.7	-.9	-.8	-.8
26	-.7	-.7	-.7	-.9	-1.4	-.7	-.8	-.9	-1.4	-1.8	-1.9	-2.0	-1.8	-1.5	-1.3	-1.3	-1.4	-1.4	-1.4	-1.2	-1.1	-.5	-.3	.1	-1.1
27	.0	.0	-.2	-.4	-.4	-.3	-.3	-.4	-.5	-.9	-1.0	-1.1	-1.1	-1.1	-.8	-.9	-1.0	-.9	-1.7	-1.5	-1.4	-1.3	-1.4	-1.4	-.8
28	-1.4	-1.3	-1.4	-1.3	-1.3	-1.4	-1.5	-1.5	-1.6	-1.5	-1.5	-1.3	-1.3	-1.6	-1.8	-1.9	-2.0	-2.1	-2.1	-2.1	-2.0	-2.0	-2.0	-2.3	-1.7
29	-2.3	-2.2	-2.3	-2.2	-2.2	-2.2	-2.2	-2.1	-2.2	-2.0	-2.0	-1.8	-1.6	-1.7	-1.9	-2.0	-2.3	-2.8	-2.9	-2.9	-2.7	-2.6	-2.7	-2.6	-2.3

VALIDATED DATA

DATE JUL 31 1980

Initial

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 [illegible] 3

JG11

NINE MILE LOWER (9) TEMPERATURE (DEG F) (TMPL) DATA FOR FEBRUARY 1980

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	6	6	6	5	5	4	4	4	4	4	4	4	5	6	7	7	8	9	10	10	12	11	10	9	7
02	8	7	7	6	6	6	6	6	6	6	6	6	6	7	8	9	10	10	11	11	11	10	10	10	8
03	9	9	9	9	8	8	8	8	8	8	8	8	9	9	9	10	12	12	12	13	14	14	13	11	10
04	11	11	11	10	9	9	9	8	8	8	8	9	9	9	9	10	10	10	9	9	6	5	4	4	9
05	3	2	2	2	1	0	0	1	3	6	8	9	10	10	10	10	9	9	8	7	5	4	3	2	5
06	1	0	-1	0	-2	-2	-4	-2	-1	1	6	12	5	8	19	18	18	17	16	14	13	14	16	13	7
07	12	12	11	11	11	11	14	14	14	15	15	17	18	20	20	20	21	20	20	20	20	18	18	11	16
08	15	21	20	19	19	18	17	10	13	17	18	16	16	20	20	21	22	22	22	23	24	24	20	18	19
09	16	14	14	14	13	11	10	8	10	14	17	17	18	18	17	17	16	16	17	17	18	18	13	13	15
10	11	10	8	6	7	6	4	6	8	14	16	16	17	17	18	19	20	21	22	22	23	24	24	21	15
11	20	20	19	18	18	16	15	14	16	19	20	22	26	27	28	27	26	26	24	24	25	26	22	21	22
12	20	20	20	20	22	22	22	22	22	22	22	22	22	23	24	25	25	26	26	26	25	24	24	24	23
13	22	22	22	22	22	21	20	20	20	20	21	22	23	24	24	24	24	22	22	21	21	20	21	23	22
14	23	23	22	23	24	26	26	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
15	25	25	25	25	25	25	25	25	25	25	25	28	28	****	****	28	27	26	26	26	25	24	24	23	25
16	21	20	20	20	20	18	18	17	16	15	18	20	20	20	20	20	20	19	19	19	18	18	16	14	19
17	14	16	16	16	17	17	17	17	17	17	18	19	20	20	20	20	20	20	20	20	20	20	20	20	18
18	20	18	16	15	15	15	14	12	12	12	11	12	14	14	16	16	17	18	18	18	18	18	16	15	15
19	15	17	17	18	16	16	14	14	14	16	16	17	19	20	21	22	22	20	18	16	16	18	18	18	17
20	18	18	18	19	21	24	24	25	23	30	34	37	40	40	40	36	35	36	34	34	35	35	33	32	30
21	35	35	34	34	34	34	34	34	34	34	34	34	34	33	31	30	30	28	28	28	28	28	25	24	31
22	24	24	24	24	24	26	26	26	26	27	28	29	29	30	30	30	30	31	32	32	36	36	33	30	29
23	27	27	26	26	24	23	23	23	24	24	25	26	26	26	26	27	28	28	28	28	27	27	27	27	26
24	28	28	28	28	29	29	30	30	31	33	36	36	36	34	32	31	32	32	31	31	31	30	28	29	31
25	30	30	30	28	28	28	27	27	27	26	26	28	28	28	28	28	26	26	24	23	20	19	17	16	26
26	15	14	12	10	8	6	5	4	4	4	4	5	6	6	8	10	11	12	14	14	15	11	11	10	9
27	10	10	12	12	12	12	12	14	16	18	21	22	24	24	24	24	24	22	23	22	21	20	19	18	18
28	17	16	16	16	15	14	13	12	11	10	****	****	10	10	10	10	10	10	10	10	10	10	10	10	12
29	6	4	3	2	1	0	0	0	0	0	1	2	2	3	4	6	8	8	8	8	7	6	5	4	4

VALIDATED DATA

DATE [illegible] 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 0 4

JG11C

NINE MILE LO-CUP (9) WIND DIRECTION-CUP (DEG) (WDRC) DATA FOR FEBRUARY 1980

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	355	355	350	350	345	340	345	350	350	355	350	345	340	335	330	335	330	325	315	315	320	330	330	340	350
02	340	335	340	335	335	340	335	340	330	325	320	310	305	295	300	300	295	300	300	305	305	310	315	315	300
03	320	305	310	310	310	310	315	315	310	315	310	300	305	300	290	280	280	280	295	310	310	315	360	40	310
04	15	355	340	345	340	330	335	325	320	320	315	320	310	315	300	300	310	325	325	335	115	105	100	110	320
05	135	120	115	120	110	115	125	125	115	120	170	320	10	350	335	345	10	15	45	95	105	105	95	100	115
06	125	120	110	110	90	80	90	95	85	80	90	95	60	55	35	30	45	50	70	100	90	60	40	60	80
07	95	110	95	100	105	70	40	45	35	35	30	5	5	360	350	340	345	350	360	360	25	340	355	165	360
08	270	345	15	360	20	15	25	105	320	340	330	300	300	295	290	280	285	300	300	300	285	300	40	140	300
09	150	125	110	90	85	90	95	125	105	55	50	50	55	40	20	5	350	360	350	315	320	335	345	100	50
10	110	100	115	170	110	125	130	135	130	205	20	345	340	315	310	290	290	285	285	280	290	285	190	220	235
11	220	205	190	200	195	180	170	170	155	165	170	175	165	170	160	170	195	220	195	215	250	245	180	180	170
12	180	200	210	205	300	300	300	300	310	305	0	295	295	280	280	280	280	285	285	260	255	285	305	305	280
13	310	300	305	315	315	315	320	130	40	140	140	235	255	250	240	210	160	180	165	****	180	155	170	200	160
14	180	165	170	175	250	245	250	210	330	260	280	270	280	280	280	285	275	275	285	290	295	295	305	310	280
15	320	320	330	340	345	350	10	40	100	90	75	50	60	45	35	40	20	35	45	50	65	80	105	100	35
16	85	100	80	65	60	55	45	45	35	40	35	30	15	10	355	350	350	340	340	335	335	325	280	310	35
17	310	350	10	355	310	310	310	310	310	310	310	300	300	290	280	280	285	280	250	230	250	245	210	230	310
18	205	225	225	235	215	220	210	205	205	205	210	210	200	200	235	210	195	150	145	150	150	145	155	155	205
19	160	155	155	165	170	170	160	165	160	170	175	180	200	215	235	270	300	90	90	100	85	70	85	100	160
20	130	140	100	75	270	110	115	120	135	120	120	130	140	145	140	150	160	150	260	245	225	220	240	250	120
21	250	240	260	260	260	240	280	285	300	305	310	320	10	20	20	20	30	30	40	35	35	35	55	60	20
22	60	70	70	70	75	90	110	95	90	105	110	105	105	105	115	115	120	125	130	130	140	235	255	275	105
23	280	290	300	305	310	310	315	335	360	330	310	****	****	275	300	260	255	240	230	190	115	140	145	145	145
24	145	150	155	155	155	175	170	170	195	225	230	240	245	245	265	270	265	270	265	250	240	230	220	220	265
25	230	225	235	285	280	210	155	170	200	360	30	50	360	340	350	15	10	20	30	30	30	30	30	30	30
26	30	30	25	15	10	25	25	20	10	350	330	330	315	300	290	285	280	275	275	285	280	190	195	180	25
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	300	295	280	290	285	285	285	290	290	300	310	320	345	345	285
29	345	330	315	315	315	315	310	335	340	335	335	325	315	305	310	310	295	295	300	310	315	325	345	345	315

VALIDATED DATA

DATE JUL 31 1980

NMPC

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

0 0 3 6 2 MONTHLY SUMMARY

JG11

NINE MILE UPPER (9) WIND DIRECTION (DEG) (WDRU) DATA FOR FEBRUARY 1980

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	345	350	350	350	350	345	345	345	345	350	350	350	340	340	340	340	330	325	310	320	320	330	340	340	340
02	340	340	340	340	340	340	340	340	340	330	320	310	300	300	300	295	290	300	300	300	305	310	315	315	310
03	320	310	310	310	310	310	315	320	320	320	315	310	300	300	330	315	310	315	320	340	340	320	340	350	310
04	360	350	350	345	345	340	330	330	330	330	310	315	310	320	320	300	310	320	330	330	45	80	90	90	330
05	90	85	80	70	70	85	90	110	130	150	130	30	20	350	345	350	360	10	45	85	90	80	70	60	85
06	90	90	90	70	100	130	125	125	120	120	120	120	90	90	60	30	40	45	50	60	60	50	40	60	90
07	50	45	45	45	30	35	40	40	35	30	20	10	10	10	360	350	350	355	350	355	350	345	350	340	350
08	340	350	355	360	10	360	360	360	30	340	340	310	290	290	290	280	280	290	300	300	285	300	30	45	290
09	90	120	60	50	50	40	60	50	60	60	50	50	50	60	30	20	360	340	330	315	315	330	340	60	60
10	90	90	75	75	70	90	100	100	180	340	20	20	340	320	310	290	290	285	280	280	290	295	230	225	90
11	230	220	210	210	205	195	195	190	170	165	170	170	160	170	170	175	190	210	210	215	240	240	210	195	170
12	190	195	205	210	300	290	295	300	300	305	305	290	295	280	280	275	275	280	280	270	260	285	310	300	280
13	305	300	300	315	315	320	330	150	145	155	220	235	230	220	230	230	220	190	180	200	195	190	200	220	220
14	210	190	190	200	230	240	240	230	320	295	275	260	275	****	****	285	285	280	285	295	290	295	305	315	285
15	320	330	335	345	345	350	360	30	100	95	85	70	55	50	40	40	30	25	40	45	70	80	110	105	40
16	100	90	80	75	65	55	50	45	35	40	35	35	20	15	360	355	355	345	340	340	340	335	310	315	35
17	310	350	10	355	325	315	320	325	320	320	320	305	305	295	285	285	280	285	255	240	255	245	220	215	320
18	215	235	235	240	230	220	215	220	210	210	215	215	215	210	240	210	235	165	170	170	165	165	180	160	215
19	180	175	175	180	180	180	180	180	175	185	190	190	205	215	240	275	310	300	70	75	70	65	65	70	180
20	145	170	165	165	160	150	145	140	145	145	145	150	160	155	165	165	180	185	210	295	275	240	245	255	145
21	260	260	270	270	275	275	290	295	305	310	310	325	355	25	25	25	25	30	40	40	40	35	45	55	25
22	65	65	75	80	100	120	125	115	110	120	125	125	125	125	125	135	140	145	155	155	200	245	265	265	125
23	285	290	300	305	310	315	325	345	20	350	315	290	****	275	300	250	250	245	265	240	180	180	200	185	250
24	175	165	165	165	175	190	195	190	205	230	235	240	245	245	265	270	270	265	265	260	255	240	235	230	165
25	235	235	245	305	295	270	195	195	205	305	40	55	25	350	355	25	25	20	30	35	35	35	35	35	35
26	35	35	30	25	20	25	25	25	20	20	345	340	330	310	295	295	285	280	280	295	300	220	210	205	25
27	190	185	185	180	175	175	165	165	180	185	195	200	205	205	225	265	270	290	290	295	290	300	310	305	185
28	310	310	310	310	310	305	305	305	310	305	305	295	285	290	290	285	285	290	290	300	315	325	350	355	305
29	345	335	320	320	320	320	315	335	345	345	340	330	315	305	310	315	295	295	300	310	320	335	350	355	320

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

00362 15 6

JG11

NINE MILE LO-CUP (9) WIND SPEED-CUP (MPH) (WSPC) DATA FOR FEBRUARY 1980

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	10	10	9	10	10	11	12	11	11	10	9	9	9	10	12	12	13	13	14	14	15	15	15	13	12
02	13	13	12	12	13	12	13	12	12	12	11	12	15	17	18	20	19	20	21	21	21	20	18	16	16
03	16	17	17	15	14	14	14	13	12	11	10	11	12	12	13	13	14	14	15	13	11	12	8	4	13
04	7	7	8	7	7	8	8	8	7	8	9	7	8	8	8	11	11	10	5	3	4	4	4	3	7
05	3	3	3	4	4	4	5	4	4	3	2	3	3	3	4	4	4	3	4	4	4	4	4	3	4
06	3	2	3	3	3	3	4	4	3	3	5	5	3	5	6	5	5	5	4	4	3	3	7	4	4
07	2	3	3	3	3	3	7	8	8	8	7	8	8	9	9	8	8	6	4	3	2	2	2	2	5
08	3	7	5	5	5	5	4	3	2	5	4	5	5	8	9	9	10	13	11	11	11	9	3	2	6
09	3	3	2	2	2	3	4	4	3	3	3	3	4	4	3	3	3	3	3	4	5	5	4	4	3
10	4	3	3	2	3	3	2	3	2	2	4	4	5	5	5	6	7	10	9	11	11	10	3	8	5
11	10	8	7	7	5	7	6	6	6	8	9	9	9	8	9	7	6	6	6	7	19	15	5	5	8
12	5	7	10	13	17	19	21	17	17	15	13	13	12	15	18	19	19	21	19	16	18	13	14	17	15
13	17	18	16	12	11	7	3	3	4	6	12	14	13	12	13	12	7	4	4	5	6	5	7	7	9
14	5	6	7	7	9	13	16	9	6	5	****	8	10	12	****	19	19	21	23	22	20	21	20	17	13
15	15	12	11	9	8	7	5	5	5	4	3	3	4	4	3	3	3	3	2	2	3	4	4	4	5
16	4	4	4	4	5	6	7	9	10	10	9	10	10	10	11	11	9	9	7	5	5	5	9	12	8
17	12	7	9	10	13	15	16	15	15	16	14	13	13	13	17	19	19	20	18	19	27	25	15	11	15
18	13	17	18	20	15	13	13	13	12	13	13	11	11	11	10	7	5	5	5	7	7	8	8	8	11
19	8	9	9	9	11	11	9	10	10	11	10	10	9	9	9	5	1	1	3	4	3	2	2	2	7
20	2	4	3	3	3	4	5	7	7	7	8	9	9	11	9	5	4	4	3	4	5	4	6	7	6
21	9	9	9	9	8	8	7	9	10	11	9	7	8	7	7	7	7	8	8	8	8	8	9	7	8
22	5	4	3	3	5	9	11	10	11	11	13	12	13	13	10	13	11	11	9	9	7	15	21	20	10
23	****	****	****	17	16	11	9	6	4	4	4	5	5	4	3	5	5	5	5	3	3	2	3	3	6
24	3	4	5	5	5	6	6	6	9	13	15	16	17	20	29	29	28	27	25	22	21	13	11	11	14
25	13	12	15	11	10	4	4	4	4	3	2	3	3	6	5	5	5	6	9	12	12	11	11	11	8
26	13	10	10	11	10	9	8	8	8	8	10	9	11	13	14	16	20	22	22	21	18	11	9	8	12
27	8	8	10	10	10	10	10	10	10	12	12	13	13	10	10	24	20	19	29	29	31	29	25	23	16
28	21	19	19	17	17	17	18	16	15	14	13	13	13	14	15	17	18	19	19	18	16	15	12	13	16
29	13	15	16	15	15	16	17	14	11	10	10	10	12	13	12	12	20	25	24	22	21	18	15	14	15

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 0 7

JG11(

NINE MILE UPPER (9) WIND SPEED (MPH) (WSPU) DATA FOR FEBRUARY 1980

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	18	16	17	18	17	16	18	19	20	20	18	17	16	17	20	19	20	20	20	20	21	24	24	22	19
02	20	18	18	18	20	20	18	18	16	16	15	14	16	20	21	22	23	24	26	28	27	26	25	24	21
03	23	22	22	20	18	18	18	18	16	14	14	13	15	15	16	16	18	18	18	15	15	18	17	14	17
04	17	15	15	14	14	14	12	12	11	11	11	10	10	10	10	14	15	16	9	8	4	5	10	9	12
05	7	10	8	7	6	7	8	7	6	4	2	3	4	4	6	6	8	9	10	10	9	10	10	10	7
06	8	7	7	7	7	10	13	13	12	7	6	5	5	6	10	12	12	14	14	10	10	12	17	12	10
07	8	8	8	8	7	14	19	20	20	19	18	20	20	20	20	18	18	15	11	9	8	9	8	8	14
08	12	17	15	15	15	13	12	5	4	9	6	6	6	10	10	10	13	15	14	14	13	12	10	8	11
09	2	2	4	7	8	8	5	5	5	5	4	4	2	2	3	8	7	8	8	5	4	5	4	3	5
10	8	8	7	4	5	4	4	2	0	2	4	6	7	6	7	7	8	11	11	14	15	13	8	14	7
11	15	14	13	12	10	13	14	13	13	13	13	12	10	12	12	9	10	10	9	11	22	20	12	11	13
12	11	13	15	18	23	24	25	22	22	20	17	16	15	17	24	25	25	27	24	21	24	18	20	22	20
13	24	24	22	18	16	11	4	3	8	10	16	20	18	15	16	16	10	9	11	13	13	13	15	13	14
14	12	13	15	15	15	23	23	24	10	4	8	10	14	****	****	18	18	30	31	30	26	27	26	23	19
15	21	18	17	15	15	15	13	10	9	6	5	4	6	5	4	5	5	6	5	5	7	9	8	9	9
16	9	11	11	11	15	17	19	21	24	23	20	23	24	24	23	21	18	16	13	10	9	9	13	17	17
17	17	18	24	22	20	21	21	22	23	22	19	17	18	17	24	27	26	27	26	27	36	34	19	19	23
18	21	25	25	27	19	18	18	19	16	17	16	14	14	15	13	9	7	9	13	17	18	19	19	19	17
19	19	20	19	18	20	19	17	17	15	16	15	13	12	12	12	9	3	0	6	8	9	8	9	9	13
20	11	13	9	8	10	13	14	17	13	12	13	12	14	15	14	10	8	10	5	13	8	8	11	14	11
21	15	14	16	15	14	12	15	17	17	18	15	14	21	21	19	17	18	20	18	19	17	19	15	15	17
22	11	9	8	8	13	15	17	15	17	16	18	19	20	19	16	19	17	17	15	15	13	20	27	23	16
23	21	22	21	19	18	13	12	9	5	3	4	5	****	4	****	****	****	****	****	****	****	****	****	****	12
24	****	****	****	****	****	****	****	****	****	****	22	23	24	29	36	37	37	34	32	30	27	18	17	16	27
25	19	18	19	15	11	6	7	8	7	7	5	3	5	10	11	9	11	14	26	30	30	30	30	29	15
26	27	28	27	27	25	23	20	18	18	17	16	15	16	16	16	19	23	26	26	25	21	16	17	15	21
27	14	15	18	16	17	18	19	19	17	19	17	17	17	15	13	29	25	24	35	35	36	36	31	28	22
28	26	24	23	21	21	21	20	19	19	18	15	15	15	16	17	19	21	22	23	20	19	20	23	25	20
29	23	22	20	20	20	20	20	20	17	15	13	14	15	14	14	15	24	30	29	27	27	26	28	26	21

VALIDATED DATA

DATE JUL 3 1 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 8

JG11

NINE MILE UPPER (Y) TEMPERATURE DIFFERENCE (DEG F (TDFU) DATA FOR MARCH 1980

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	-2.3	-2.1	-1.8	-1.8	-1.7	-1.6	-1.6	-1.5	-1.9	-1.9	-1.9	-1.6	-1.3	-1.4	-1.5	-1.5	-1.5	-1.4	-1.2	-.9	-1.0	-1.0	-.5	-.3	-1.5
02	-.5	.2	2.0	2.8	.8	2.6	3.6	1.8	-1.6	-1.9	-2.2	-2.2	-2.0	-1.8	-1.7	-1.4	-1.4	-1.2	-1.2	-1.2	.8	1.4	.8	.2	-.1
03	.6	-.1	-.9	-.8	1.7	4.4	4.0	.7	-.8	-1.0	-.9	-1.0	-1.0	-1.0	-1.1	-1.3	-1.4	-.9	-.3	-.5	-.8	.0	2.0	4.0	.2
04	3.0	5.0	2.7	3.8	3.8	3.7	3.4	1.2	-.8	-.8	-.6	-.7	-.8	-.7	-.9	-.7	-.7	-.7	-.3	1.3	2.2	3.8	3.0	4.0	1.4
05	3.0	.4	.3	-.1	-.3	-.5	-.8	-.8	-.9	-.9	-.8	-.8	-.7	-.6	-.5	-.5	-.2	1.9	.1	-.5	-.5	-.9	-1.1	-1.2	-.3
06	-1.3	-1.5	-1.5	-1.5	-1.6	-1.5	-1.5	-1.6	-1.5	-1.6	-1.5	-1.5	-1.3	-1.1	-1.6	-1.4	-1.1	-.8	-.8	.4	-.3	-.6	-.8	-.8	-1.2
07	-.7	-.5	-.6	-.5	-.5	-.5	-.5	-.6	-1.1	-1.0	-1.1	-1.6	-1.8	-1.7	-1.7	-1.9	-1.3	-1.0	-.5	.6	-.2	-.3	-.1	1.1	-.8
08	.7	-.8	-.8	-.9	-.9	-.9	-.9	-1.0	-1.2	-1.4	-1.3	-1.3	-1.3	-1.3	-.9	-.6	-.6	-1.1	-1.1	-1.1	-1.0	-1.0	-1.1	-1.3	-1.0
09	-1.4	-1.6	-1.4	-1.3	-1.3	-1.1	-1.3	-1.6	-1.7	-1.6	-1.7	-1.9	-2.0	-2.0	-2.1	-2.3	-2.1	-1.4	-1.1	-.8	-.3	.9	2.0	1.3	-1.2
10	1.9	.4	.0	-.2	.3	-.3	-.4	-.7	-.9	-.8	-1.2	-1.7	-1.8	-1.4	-1.4	-1.2	-.6	.1	1.2	1.8	.1	-.2	-.3	.0	-.3
11	-.8	-.9	-1.3	-1.4	-1.4	-1.6	-1.5	-1.4	-1.6	-1.8	-1.8	-1.8	-1.6	-1.9	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-2.0	-1.9	-1.9	-1.6
12	-2.2	-2.1	-2.0	-2.0	-2.0	-2.0	-2.0	-1.9	-1.3	-1.8	-1.8	-1.8	-1.7	-1.8	-1.6	-1.5	-1.4	-1.1	-1.0	.9	4.1	4.6	5.2	5.4	-.6
13	5.0	2.6	2.2	2.8	.6	2.6	.4	-.9	-1.2	-1.5	-1.9	-1.4	-1.2	-1.1	-1.1	-1.0	-.7	-.6	-.7	-.6	-.5	-.5	-.5	-.6	.0
14	-.7	-.7	-.6	-.5	-.6	-.7	-.6	-.6	-.7	-.9	-1.0	-.9	-.9	-.8	-.9	-.9	-1.2	-2.0	-2.5	-3.2	-2.4	-1.4	-1.0	-1.1	-1.1
15	-1.1	-1.1	-1.1	-1.2	-1.1	-1.1	-1.3	-1.3	-1.2	-1.4	-1.3	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.2	-1.1	-1.1	-1.0	-.9	-.7	-.5	-1.2
16	-.2	-.3	-.3	.0	-.5	-.7	-.7	-1.3	-1.2	-1.5	-1.7	-1.8	-1.9	-2.2	-2.4	-2.2	-1.4	-.8	.3	.2	.3	.0	.0	-.1	-.9
17	-.2	.3	.2	.2	.1	.4	-.2	-.5	-.7	-1.1	-1.4	-1.0	-1.0	-.7	-.7	-.2	.1	.2	.4	.3	.2	.1	.0	.0	-.2
18	.2	.6	-.3	-.2	.0	-.6	-.7	-.7	-.8	-1.1	-1.4	-1.7	-1.5	-1.5	-1.4	-1.5	-1.4	-1.1	-1.0	-.9	-.7	-.7	-.5	-.4	-.8
19	-.6	-.3	-.2	-.5	-.7	-.8	-.9	-.8	-.7	-.9	1.0	-.5	-1.6	-1.5	-1.8	-1.3	-1.6	-.7	.3	.6	.7	.5	.2	.3	-.5
20	.3	.4	.5	.4	.3	.3	.3	.3	-1.0	-1.4	-1.4	-1.8	-1.7	-1.6	-1.9	-2.0	-1.8	-.3	1.1	.7	.8	.8	.6	.2	-.3
21	.1	.0	.1	.1	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.4	-.5	-.2	-.2	-.2	-.1	.1	.0	.1	-.5	-.4	-.4	-.2
22	-.2	-.3	-.4	-.4	-.6	-.5	-.5	-.6	-.7	-.7	-.6	-.5	-.8	-.9	-.9	-.8	-.9	-1.0	-.8	-.6	-.6	-.2	-.5	-.2	-.6
23	.0	-.1	-.3	-.2	-.4	-.5	-.5	-.7	-.9	-.8	-.9	-.9	-.8	-.8	-.7	-.7	-.8	-.7	-.6	-.7	-.6	-.6	-.7	-.7	-.6
24	-.7	-.7	-.6	-.6	-.4	-.5	-.5	-.9	-1.5	-1.5	-1.3	-1.2	-1.4	-2.3	-2.1	-1.1	-.7	.1	.2	.1	-.2	-.2	-.3	-.4	-.8
25	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.5	-.6	-.6	-.2	-.3	-.4	-.5	-.5	-.6	-.6	-.6	-.7	-.8	-.9	-.9	-.9	-.8	-.5
26	-.7	-.6	-.5	-.5	-.5	-.6	-.6	-.5	-.4	-.6	-.8	-1.0	-.8	.1	.6	.3	-.6	-.3	-.2	-.2	-.3	-.3	-.3	1.0	-.3
27	2.6	3.5	3.7	3.0	2.2	2.1	1.3	-.1	-1.1	-.9	-1.3	-1.3	-1.4	-1.1	-.7	.4	1.2	1.4	2.2	3.8	4.7	3.8	3.4	3.1	1.4
28	3.4	.8	.6	.2	.3	.6	.6	-.5	-1.2	-1.7	.4	1.0	-1.9	-.1	2.1	-.1	-.7	.1	2.6	5.7	3.4	.4	.2	.1	.7
29	.0	.1	-.4	-.5	-.3	-.3	-.3	-.5	-.6	-.8	-.9	-.9	-.7	-.7	-.6	-.6	-.1	1.6	1.2	1.8	1.9	1.4	1.4	1.3	.1
30	.0	-.3	-.3	-.3	-.4	-.3	-.1	-.8	-1.8	-2.1	-1.8	-1.9	-.6	.5	1.4	1.4	1.4	1.9	2.9	1.7	1.9	.9	2.5	.5	.3
31	.0	.1	.1	.2	1.0	.1	.7	.6	.6	.9	1.0	1.0	-1.1	-1.0	-1.1	-1.2	-1.1	-.9	-.7	-.6	.1	1.1	2.2	2.3	.4

VALIDATED DATA
DATE JUL 3 1 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

00362 1509

JG11

NINE MILE LOWER (9) TEMPERATURE (DEG F) (TMPL) DATA FOR MARCH 1980

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	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	6	6	7	7	6	5	4	4	4	5
02	3	2	-1	-2	0	-4	-6	-4	2	3	4	5	6	7	8	9	10	11	12	14	****	****	****	10	4
03	10	11	10	10	10	10	11	14	14	20	20	21	21	22	24	26	26	26	25	26	27	26	22	20	19
04	18	20	22	20	20	20	21	22	26	29	30	31	32	33	34	32	32	32	32	30	30	29	29	30	27
05	30	32	32	32	32	33	33	33	33	34	35	37	38	39	39	40	39	36	34	34	34	30	30	39	35
06	28	27	26	26	24	24	24	23	22	23	22	24	24	24	26	26	27	26	26	26	26	26	26	27	25
07	28	28	28	28	29	29	30	30	30	30	30	30	31	32	33	32	30	30	30	30	30	30	30	30	30
08	29	29	29	29	29	29	29	30	31	31	31	32	32	32	32	32	32	30	29	29	29	30	30	30	30
09	30	30	31	32	31	31	30	30	30	30	30	30	30	30	32	33	32	32	30	30	28	27	26	25	30
10	25	26	27	28	26	23	30	32	34	37	39	43	44	44	46	46	44	41	39	40	38	38	38	38	36
11	34	30	29	28	28	27	27	27	26	26	25	25	25	25	25	25	24	24	23	23	22	21	22	20	25
12	18	16	16	16	16	15	14	13	13	13	14	16	16	18	19	20	20	20	20	16	14	14	13	12	16
13	12	10	10	9	8	7	6	12	16	22	24	24	25	****	22	22	23	23	24	25	26	26	26	27	19
14	27	27	27	27	27	28	28	27	27	28	28	28	28	29	30	31	30	30	30	31	31	32	32	31	29
15	31	30	30	30	30	30	29	28	27	26	25	24	24	25	26	26	27	27	27	27	27	26	26	25	27
16	23	21	19	17	17	18	17	17	19	22	26	29	31	34	38	41	42	41	39	37	38	39	39	39	29
17	41	41	41	42	42	40	41	42	44	46	48	50	50	51	52	51	48	48	47	49	51	52	52	51	47
18	47	42	36	33	32	33	34	34	34	33	33	33	33	33	33	33	34	34	34	34	34	34	34	33	34
19	32	31	30	33	32	31	31	31	32	33	33	36	41	44	47	48	49	47	43	41	41	41	42	42	38
20	43	43	43	43	43	43	43	43	47	49	52	55	57	58	60	61	60	58	54	52	50	49	49	48	50
21	50	49	44	44	45	45	44	44	44	46	47	47	47	48	49	50	49	50	49	49	40	35	34	33	45
22	33	33	33	32	32	32	32	31	32	32	32	32	32	32	32	31	31	31	31	32	32	32	34	34	32
23	34	35	35	34	33	33	31	32	32	32	32	33	33	34	34	33	34	34	34	33	33	32	32	32	33
24	32	32	32	32	32	32	32	33	36	39	41	42	43	48	50	50	49	48	46	44	42	41	40	40	40
25	39	38	37	36	36	36	36	36	37	37	37	36	35	34	34	34	35	35	35	34	34	34	34	34	36
26	35	35	35	35	34	34	34	34	35	35	35	36	36	37	37	37	37	37	35	34	35	36	36	34	35
27	35	35	35	35	35	35	35	35	35	35	36	36	37	37	38	38	38	38	36	35	34	35	37	38	35
28	38	39	40	40	40	40	38	42	48	51	50	48	50	48	46	44	44	44	44	44	48	50	49	48	45
29	47	47	46	45	42	42	42	41	42	42	44	44	44	44	44	44	41	40	40	39	39	39	38	38	42
30	38	37	37	37	37	36	37	38	40	41	42	45	46	46	46	46	46	43	42	46	44	44	44	44	42
31	43	42	42	42	42	42	41	44	43	44	43	43	44	44	44	44	44	44	42	42	41	40	38	36	42

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 1 0

JG11

NINE MILE LO-CUP (Y) WIND DIRECTION-CUP (DEG) (WDRC) DATA FOR MARCH 1980

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	345	335	325	335	340	345	340	350	345	350	350	315	305	290	305	305	315	345	335	110	105	110	125	125	345
02	115	95	120	110	75	110	115	105	70	65	35	345	335	315	315	300	315	310	295	290	220	185	330	60	315
03	125	160	155	195	175	110	135	180	160	260	245	250	245	240	245	245	255	255	235	240	270	200	165	155	245
04	150	160	185	185	165	180	180	190	205	235	245	250	260	260	260	250	245	235	145	135	135	130	145	135	260
05	135	135	120	115	125	145	145	130	130	130	145	155	150	145	165	165	190	255	265	270	275	280	280	285	145
06	285	285	300	305	310	310	315	315	315	305	310	295	275	295	335	305	265	150	100	105	115	120	115	115	115
07	120	175	180	175	175	180	185	205	215	285	330	345	345	340	25	55	60	90	95	130	85	65	150	150	35
08	85	75	50	40	30	45	55	50	55	55	50	50	55	60	50	45	40	15	15	15	355	355	335	325	50
09	315	285	275	275	275	275	265	275	265	260	260	260	260	265	265	260	250	255	245	230	200	180	155	150	260
10	155	175	160	155	135	135	140	150	150	170	175	175	180	170	165	165	165	135	30	330	235	165	175	205	165
11	265	285	295	285	285	280	280	275	275	275	265	265	265	265	265	275	280	285	310	295	295	300	300	295	285
12	305	305	305	305	305	310	315	315	320	315	305	295	295	295	290	285	280	280	280	245	170	160	155	150	305
13	125	125	135	120	95	95	95	105	105	105	105	110	125	120	105	110	110	105	115	115	120	120	115	115	105
14	110	105	105	85	55	345	15	65	65	345	330	320	310	295	290	290	290	295	295	295	295	295	280	280	295
15	290	290	285	295	295	295	305	305	305	305	315	305	295	290	285	285	295	295	295	300	310	330	340	345	295
16	15	35	60	60	55	55	65	80	120	140	130	155	125	120	100	105	115	115	100	115	125	125	115	115	115
17	140	155	150	155	155	135	130	130	135	135	145	150	150	145	140	145	135	140	145	155	165	175	175	180	135
18	215	255	265	265	265	270	275	285	295	295	280	275	280	275	275	265	270	275	270	275	290	290	295	275	275
19	260	225	235	300	315	320	310	305	280	255	295	20	165	180	170	160	150	135	130	120	125	125	130	135	125
20	140	145	155	160	160	150	140	135	155	170	175	175	160	170	155	135	120	100	105	115	125	130	130	125	155
21	120	115	110	105	115	120	115	110	105	110	110	115	110	110	105	115	110	115	120	120	250	245	235	230	110
22	230	225	225	225	225	220	205	170	185	190	210	250	250	250	250	255	245	245	245	240	235	235	245	250	250
23	245	290	285	305	305	335	20	360	330	295	330	295	300	300	280	280	320	285	275	265	220	175	165	145	280
24	145	155	145	120	120	120	90	105	105	105	120	140	110	115	115	130	125	65	120	120	125	105	90	105	105
25	100	110	105	105	120	125	135	145	170	130	230	240	255	260	265	265	265	265	270	275	270	270	275	275	265
26	280	290	290	320	325	335	335	330	335	340	335	335	295	305	285	255	255	250	250	235	255	240	240	220	335
27	210	215	265	235	280	250	320	335	325	305	300	290	300	290	280	270	260	250	180	90	90	90	100	95	90
28	130	125	125	120	130	110	100	135	170	170	270	20	360	10	20	30	60	90	95	300	165	165	155	150	20
29	135	130	170	140	125	130	105	90	90	95	100	100	100	100	90	90	65	55	55	55	60	65	60	55	55
30	55	360	70	360	65	55	50	360	20	30	15	15	10	10	10	10	360	360	65	60	60	80	90	95	360
31	95	95	90	90	70	85	80	100	115	110	110	110	110	115	135	140	140	160	140	180	260	260	260	255	110

VALIDATED DATA
DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

00362 1 9 1

JG11(

NINE MILE UPPER (9) WIND DIRECTION (DEG) (WDRU) DATA FOR MARCH 1990

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	350	345	335	340	345	345	345	350	345	345	355	315	305	290	300	305	315	315	330	135	110	115	115	125	345
02	115	95	80	55	50	60	60	60	55	50	25	355	340	320	310	300	310	305	290	285	235	225	295	35	53
03	135	165	180	205	230	240	160	180	195	255	250	245	250	245	240	245	255	255	235	245	265	230	190	185	245
04	170	195	205	220	195	215	210	210	210	230	240	245	255	255	260	260	245	230	190	190	175	195	160	165	210
05	150	140	135	120	140	150	155	135	140	140	155	165	165	165	170	175	200	265	265	270	275	275	275	285	140
06	280	285	300	305	310	310	315	315	310	305	305	295	275	295	325	295	255	225	115	140	130	130	125	125	295
07	135	185	195	190	190	195	215	225	235	300	335	350	355	355	20	45	65	90	100	95	65	55	85	105	65
08	105	50	40	25	20	35	45	40	45	45	40	40	45	45	35	25	20	15	10	15	360	350	340	330	45
09	315	280	270	275	275	270	265	275	275	255	255	250	255	255	265	255	245	255	250	235	215	205	185	175	255
10	170	185	175	165	145	150	155	160	165	165	175	175	180	170	165	165	170	210	115	145	240	180	175	210	165
11	265	265	295	290	285	280	280	275	270	270	265	265	260	265	265	275	280	285	305	295	295	300	300	295	265
12	305	310	305	305	305	310	315	315	320	315	305	295	290	295	285	285	280	280	285	285	255	225	205	165	285
13	145	135	150	130	105	110	115	110	115	120	110	115	125	120	110	115	115	115	125	125	130	130	130	125	115
14	120	120	115	95	50	345	10	55	60	350	330	320	310	295	290	290	290	295	295	295	295	295	295	290	295
15	290	290	295	295	295	295	305	305	305	305	315	305	300	290	290	285	295	295	295	300	315	335	345	350	295
16	25	30	55	55	55	55	65	80	130	145	135	155	140	135	115	125	130	135	125	135	140	145	145	145	135
17	165	150	165	170	170	155	145	145	145	150	155	165	165	155	155	155	155	155	160	165	175	180	185	190	155
18	215	260	270	270	270	275	275	285	295	295	280	280	285	275	275	270	270	275	270	275	295	290	295	275	275
19	260	240	245	300	315	325	315	305	285	270	240	60	175	180	175	170	160	155	145	140	140	145	150	155	140
20	160	160	165	175	175	170	165	160	170	175	180	180	165	180	165	150	135	120	120	135	140	145	150	145	165
21	135	135	135	125	130	135	130	125	120	125	125	125	120	125	120	125	125	125	130	135	250	255	240	235	125
22	235	230	230	230	230	225	210	180	200	195	0	250	250	255	250	255	250	250	250	245	240	235	255	255	250
23	260	295	295	300	310	335	20	360	345	315	330	315	305	305	285	285	320	290	285	275	240	165	195	215	285
24	155	150	170	125	125	135	120	120	120	125	135	145	125	110	120	140	135	85	140	140	145	125	110	120	120
25	120	120	125	125	130	135	150	155	180	185	240	245	260	260	270	270	270	270	270	275	275	275	275	275	270
26	285	295	295	325	335	345	345	345	345	350	350	355	315	320	310	285	270	275	275	275	275	260	255	315	275
27	15	355	350	355	345	355	345	350	340	****	****	****	310	300	280	265	275	270	270	360	60	85	100	110	355
28	130	140	145	140	145	145	140	160	180	180	240	315	360	10	15	10	50	70	70	120	180	180	170	165	180
29	160	175	180	160	150	140	125	110	105	110	105	110	110	105	105	100	85	65	45	45	45	50	40	35	105
30	30	25	25	25	25	30	35	25	25	25	25	25	30	25	20	20	20	25	35	60	60	80	105	100	25
31	105	100	90	90	85	90	100	115	120	120	120	120	115	120	140	150	150	165	160	170	230	270	285	315	120

VALIDATED DATA

DATE JUL 31 1990

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 1 2

JG11(

NINE MILE LO-CUP (9) WIND SPEED-CUP (MPH) (WSPC) DATA FOR MARCH 1980

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	13	12	11	10	10	9	8	8	8	7	7	7	7	11	11	10	9	7	5	3	5	5	4	3	8
02	3	3	3	3	5	4	4	5	5	5	5	5	6	6	7	9	9	10	9	10	5	3	11	6	6
03	4	5	6	5	3	4	5	5	7	14	13	13	14	14	11	11	14	12	8	15	16	6	5	5	9
04	4	6	7	7	7	7	7	8	8	12	13	11	11	8	5	4	4	3	2	3	4	4	5	4	6
05	5	6	5	4	7	8	7	7	8	9	9	7	7	7	7	6	5	8	17	21	23	28	30	28	11
06	27	31	31	26	22	20	17	15	14	13	11	9	7	4	3	3	5	3	4	3	4	6	7	7	12
07	7	6	5	4	4	4	4	4	4	5	5	4	5	3	4	3	3	3	3	2	2	2	2	2	4
08	2	3	3	4	5	5	4	3	4	4	4	5	4	3	4	6	6	****	****	****	****	****	****	****	4
09	****	****	****	****	****	****	****	****	18	21	20	19	19	17	15	13	10	11	10	8	5	5	5	5	13
10	3	5	6	7	7	9	9	9	9	7	9	11	12	12	11	12	9	5	5	4	12	8	7	8	8
11	24	25	26	28	27	28	29	30	29	30	31	32	33	34	33	35	35	36	31	36	35	35	32	29	31
12	28	23	23	23	24	23	21	19	17	13	13	14	15	13	13	13	12	9	7	4	4	5	5	5	14
13	4	5	5	5	4	4	6	8	12	11	11	8	11	9	9	9	10	11	11	12	12	11	10	10	9
14	11	10	8	5	4	8	5	7	5	4	9	14	15	13	25	30	34	34	33	33	32	31	30	31	18
15	29	28	27	27	29	30	30	29	25	25	21	19	19	20	25	25	25	23	23	23	20	15	12	9	23
16	7	6	5	5	6	5	5	5	5	6	7	7	8	9	9	8	9	6	5	8	10	9	9	8	7
17	10	9	7	11	13	13	13	15	15	14	14	13	11	10	11	11	11	12	11	11	12	12	11	10	12
18	9	19	30	27	23	28	31	33	27	26	29	31	32	30	31	32	31	31	29	28	23	23	17	15	26
19	13	7	7	15	16	12	9	7	5	4	3	4	6	7	8	8	7	6	7	7	8	9	9	10	8
20	10	10	9	10	9	9	9	9	11	11	11	11	7	7	7	8	7	5	6	9	8	8	9	9	9
21	10	9	7	10	14	15	15	14	14	15	18	17	16	15	16	18	19	20	18	17	19	19	16	15	15
22	15	13	13	14	13	11	9	5	6	5	5	10	13	15	13	13	14	14	12	9	9	7	8	11	11
23	9	7	7	8	11	12	5	5	5	3	4	4	5	4	8	10	5	7	7	4	3	3	3	3	6
24	3	3	2	3	3	2	3	5	6	7	7	6	7	9	10	8	5	4	6	7	6	5	5	7	5
25	7	5	5	5	5	4	5	5	5	5	8	11	17	19	21	22	21	20	21	22	20	21	20	18	13
26	17	16	15	11	8	8	7	7	7	7	7	5	6	7	7	8	8	8	8	7	9	8	7	3	8
27	2	2	2	2	2	2	2	3	4	6	6	****	****	****	****	****	****	****	****	****	****	****	****	****	3
28	7	8	7	6	3	3	6	****	8	6	5	5	4	4	4	4	2	2	2	2	4	5	5	5	5
29	6	5	7	6	6	8	6	4	4	6	6	6	6	5	5	6	4	4	4	4	4	4	4	6	5
30	2	3	3	3	3	4	5	4	4	5	6	6	6	6	6	6	5	4	4	6	4	4	4	6	5
31	6	6	6	5	4	4	4	7	10	10	10	10	10	10	8	8	6	6	5	2	2	3	2	2	6

VALIDATED DATA

DATE JUL 3 1 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 1 3

JG11C

NINE MILE UPPER (9) WIND SPEED (MPH) (WSPD) DATA FOR MARCH 1980

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

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

00362 T514

JG11C

NINE MILE UPPER (9) TEMPERATURE DIFFERENCE (DEG F (TDFU) DATA FOR APRIL 1980

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	2.9	3.5	5.9	5.2	6.3	3.8	4.4	.6	-.7	1.5	-.4	-1.0	-1.8	-1.5	-1.1	.5	.5	1.1	1.2	2.6	3.5	4.2	3.5	1.6	1.9
02	3.0	1.2	.9	1.7	1.1	1.0	1.0	1.0	.8	-.1	-.5	.2	-.1	-.4	-.1	.2	-.7	-.7	-.2	.5	.8	1.3	.9	.9	.6
03	.9	1.9	1.4	1.6	1.6	2.7	2.1	.6	-1.0	-1.7	-1.4	-1.6	-1.8	-1.1	-2.2	-1.8	-1.6	.2	1.4	1.0	.5	.7	.9	2.8	.3
04	-.2	-.3	.2	-.1	-.3	-.2	-.3	-.5	-1.3	-1.8	-.2	1.0	.0	-.3	-.1	-.2	-.7	-.4	-.6	-.5	-.6	-.9	-1.0	-1.1	-.4
05	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-.9	-.9	-1.1	-1.0	-1.1	-1.2	-1.3	-.5	.1	.1	.5	.1	.0	.2	1.8	.2	-.5	-.5
06	-.3	-.4	-.5	.3	.3	.1	-.1	-1.2	-2.1	-2.9	-3.0	-4.2	-3.3	-3.5	-2.8	-2.4	-1.3	1.8	.9	1.5	1.4	3.3	3.0	2.0	-.6
07	1.2	.3	.2	.1	.1	.1	-.1	-.7	-1.5	-1.9	-1.9	-2.2	-2.1	-1.9	-1.5	-1.8	-1.7	-.8	-.5	-.4	-.4	-.5	-.5	-.5	-.3
08	-.5	-.6	-.6	-.5	-.1	-.5	-.7	-.9	-1.6	-1.9	-2.1	-2.6	-2.2	-2.2	-2.1	-1.3	-1.3	-1.0	-.6	-.5	-.2	-.2	-.3	-.1	-1.0
09	-.1	-.1	-.1	-.3	-.3	-.2	-.3	-.3	-.3	-.4	-.5	-.6	-.9	-1.1	-2.1	-2.2	-1.8	-.4	6.0	.8	.1	3.8	1.2	.3	.0
10	.0	.5	.5	.2	.1	-.1	-.2	-.8	-.9	-1.0	****	****	****	****	-1.2	-1.2	-.8	-.8	.1	-.5	-.5	-.8	-.9	-.9	-.5
11	-.8	-.4	-.4	-.5	-.6	-.6	-.8	-.9	-.9	-.8	-.5	-.4	-.9	-.9	-1.0	-.9	-1.0	-1.1	-.8	.0	2.1	3.8	4.6	5.0	.1
12	4.6	.6	-.2	-.1	.0	.0	.1	-.4	-.7	-.5	-.4	-.5	-.5	-.5	-.4	-.3	-.2	-.1	-.2	-.2	.3	.1	-.4	-.8	.0
13	-.9	-.9	-.9	-1.0	-.8	-.4	-.8	-1.0	-1.2	-1.2	-1.4	-1.4	-1.6	-1.6	-1.4	-1.2	-1.2	-.9	-1.0	-1.1	-.5	-.7	.0	-.2	-1.0
14	1.4	3.6	3.4	2.6	1.6	-.2	-.8	-1.0	-1.2	-1.0	-.8	-.8	-.8	-.9	-.9	-.9	-.7	-.7	-.6	-.5	-.2	-.2	-.2	-.3	.0
15	.1	-.1	-.6	-.6	-.3	.0	.6	-.3	-1.0	-1.4	-1.2	-.1	.2	-.7	-1.0	-1.0	-1.1	-1.1	-1.0	-.9	-.5	-.1	-.3	-.1	-.5
16	-.2	-1.1	-1.2	-1.1	-1.3	-2.4	-2.4	-2.0	-1.9	-2.6	-2.8	-2.4	-2.4	-2.1	-2.0	-1.8	-1.6	-1.6	-1.9	-2.0	-2.0	-1.9	-1.1	-.9	-1.8
17	-1.0	-1.0	-1.2	-1.3	-1.3	-1.0	-1.3	-1.7	-1.7	-1.4	-1.2	-1.5	-1.6	-1.5	-1.5	-1.8	-1.6	-.9	-.9	.0	1.8	1.1	.4	.0	-.9
18	.4	.6	-.2	-.4	.8	1.2	.4	-.8	-.9	-.9	-1.1	-1.4	-1.3	.4	1.5	2.1	2.4	1.6	1.0	1.6	1.4	3.0	.8	.2	.5
19	1.0	3.6	5.2	5.2	5.0	6.4	3.8	.4	1.0	.4	.0	.7	.4	-.8	-2.0	-1.6	-.4	.0	3.2	6.0	4.4	5.6	4.2	3.2	2.3
20	2.4	1.9	1.1	.9	1.0	.8	.2	2.0	3.0	4.4	1.6	2.0	1.6	-.5	.4	.0	.0	.6	4.4	5.6	4.0	4.2	5.6	6.8	2.3
21	5.2	.6	.4	.8	-.5	.0	.2	.0	-1.8	.0	1.0	.6	-.2	-.8	-.4	.2	-1.0	-.8	.4	.2	-.2	1.2	5.0	2.6	.5
22	3.4	3.0	2.4	1.0	.6	-.2	-.7	-1.8	-2.2	-2.6	-2.6	-1.8	-1.2	-1.0	-1.6	.6	.2	.3	.2	-.5	.6	1.2	.2	.8	-.1
23	2.2	3.4	4.4	.8	.3	1.0	-.1	-1.4	-.8	-.3	-1.6	-2.0	-.4	1.0	.0	-.3	1.4	3.0	4.0	4.4	3.2	2.8	2.7	3.0	1.3
24	1.8	-1.2	-1.0	-.7	-.9	-1.2	-1.2	-1.1	-1.1	****	-.9	-.9	.2	.6	-1.2	-1.2	-1.0	.4	.0	.2	3.0	1.2	-.4	-.6	-.3
25	.8	.4	.8	2.8	1.0	-.6	-.8	-.2	.0	.1	-.6	-.3	-.9	.1	-1.0	.0	-.3	-.7	-.8	-.4	.6	1.6	2.4	3.2	.3
26	2.7	2.4	-.7	-1.1	-.8	-.6	-.5	-1.0	-1.0	-.9	-.4	-.7	-1.6	-1.6	-2.2	-1.8	-1.6	-1.4	.0	1.8	4.2	7.2	8.4	5.4	.6
27	4.0	5.4	5.2	6.2	8.2	7.6	4.2	.4	.2	-.9	-.9	1.4	-.4	-1.6	-1.6	-1.4	-1.0	-.9	-.9	-.9	-.9	-.9	-.8	-.8	1.2
28	-.8	-.8	-.9	-.9	-.9	-.9	-1.0	-.7	-.3	-.7	-.9	-.9	-1.0	-.7	.0	-.6	-.7	-.7	-.3	.6	-.4	-.4	-.5	.4	-.6
29	.2	1.2	.8	.6	.8	-.4	-.6	-.7	-.6	1.0	.7	-.4	.4	.8	3.2	4.4	1.8	.2	-.2	2.4	2.4	1.2	2.0	3.0	1.0
30	4.0	2.6	.2	-.5	-.8	-.9	-1.0	-1.2	-1.4	-1.0	.0	2.4	2.6	.6	2.0	2.6	6.0	6.4	9.0	10.0	10.3	9.6	8.2	4.2	3.1

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING

MONTHLY SUMMARY

00362 1515

JG11C

NINE MILE LOWER (9) TEMPERATURE (DEG F) (TMPL) DATA FOR APRIL 1980

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	36	34	32	34	34	34	34	38	42	40	40	43	40	40	41	44	46	43	42	41	41	42	44	44	39
02	42	42	42	42	42	43	43	43	43	44	42	42	38	38	39	40	44	44	44	43	42	42	40	38	42
03	36	36	36	36	34	33	34	36	38	39	40	40	40	40	40	40	40	38	38	40	41	41	42	42	38
04	48	49	44	43	43	44	44	44	50	56	57	45	45	44	44	45	46	44	45	41	39	39	38	38	45
05	37	37	37	37	37	37	38	38	38	38	38	39	40	41	42	44	44	43	42	42	42	42	42	42	40
06	41	40	40	40	39	38	38	39	39	40	40	40	40	41	42	44	44	43	41	41	42	40	40	40	41
07	42	44	44	44	44	44	44	48	54	60	64	68	68	69	69	70	70	66	64	63	60	59	58	56	57
08	55	54	52	52	50	50	50	52	55	59	60	65	66	63	68	68	68	66	64	62	56	56	54	54	59
09	54	53	52	52	52	52	52	52	52	52	53	54	56	58	60	62	62	58	48	54	55	46	48	48	54
10	48	48	48	48	48	48	48	43	43	43	****	****	****	****	45	45	48	52	46	40	39	39	40	40	45
11	40	39	39	39	40	41	42	42	42	42	41	40	40	40	42	43	42	42	42	42	42	39	38	38	41
12	38	39	40	40	42	42	42	43	45	45	45	45	46	46	48	48	48	49	50	50	49	43	41	40	44
13	40	40	40	40	40	40	40	39	41	40	40	39	39	40	40	40	40	40	40	40	39	39	38	38	40
14	37	36	34	35	35	36	37	39	41	42	41	41	41	42	43	44	45	46	47	48	48	48	49	50	42
15	46	43	42	42	42	42	42	43	46	48	49	47	47	41	40	40	40	40	39	38	37	37	37	38	42
16	39	38	38	38	37	34	32	30	28	27	27	27	27	28	29	30	31	33	35	35	36	36	36	35	33
17	34	34	33	33	32	32	32	32	32	33	34	34	34	35	36	36	37	36	38	37	37	38	39	40	35
18	39	39	40	40	39	38	40	42	42	41	41	41	42	43	44	44	45	46	47	48	47	45	43	41	42
19	39	37	34	34	35	33	35	39	40	42	43	45	47	49	52	53	55	55	53	52	53	54	55	55	45
20	54	54	55	54	53	52	53	53	51	51	55	54	50	49	49	47	46	45	43	45	45	43	42	41	49
21	41	42	42	42	42	41	42	42	43	42	42	43	43	44	45	48	52	50	47	43	42	40	39	38	43
22	40	39	38	38	38	38	38	40	40	41	41	41	40	40	41	43	44	44	42	40	40	40	40	39	40
23	37	35	34	36	37	35	37	39	40	40	41	45	44	44	45	47	46	45	43	42	42	41	41	41	41
24	41	41	41	40	40	40	40	40	****	****	40	40	39	39	40	41	43	44	43	42	42	42	42	43	41
25	41	41	42	42	42	41	40	41	41	41	41	41	41	41	40	41	42	45	44	42	42	42	41	40	41
26	40	40	41	41	40	40	40	42	42	43	42	43	44	45	48	49	51	52	50	46	43	40	39	39	43
27	39	38	37	37	36	37	39	42	45	45	46	48	51	55	59	58	57	56	56	55	54	53	52	51	48
28	50	51	51	52	52	52	52	51	51	52	51	49	49	49	47	48	48	47	47	46	46	46	46	44	49
29	44	44	44	44	44	45	45	46	46	46	46	47	48	48	48	46	46	46	47	47	46	46	46	45	46
30	45	46	49	50	50	49	50	51	53	54	53	49	48	50	50	50	48	49	46	44	44	44	44	44	48

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

00362

JG11

NINE MILE LO-CUP (9) WIND DIRECTION-CUP (DEG) (WDRC) DATA FOR APRIL 1980

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	200	180	145	180	170	180	170	180	200	320	275	280	315	345	340	360	10	60	95	100	105	110	130	270	180
02	250	225	230	180	360	150	125	90	55	360	240	250	260	235	260	255	245	240	240	250	260	270	295	260	250
03	200	180	360	360	135	130	180	310	345	60	30	345	330	335	15	30	60	60	80	60	80	90	85	100	90
04	115	110	120	105	110	120	130	135	140	155	210	310	310	250	245	250	245	245	240	250	255	260	260	255	245
05	270	280	280	280	285	290	290	295	290	280	275	270	260	260	270	270	270	270	260	260	260	275	255	240	270
06	250	250	250	275	290	360	45	35	20	5	360	350	345	350	360	10	360	45	45	70	75	90	100	120	360
07	140	110	120	130	125	125	125	135	140	145	140	180	175	180	180	160	160	155	150	145	145	145	150	150	145
08	145	140	135	130	120	125	130	125	125	125	130	140	145	145	150	140	150	150	130	130	120	115	115	125	125
09	125	120	120	115	120	120	120	120	140	120	115	115	120	120	105	100	360	100	60	100	110	360	180	150	120
10	125	130	150	150	155	150	270	260	270	20	70	80	85	****	85	85	95	85	205	275	260	255	240	235	85
11	215	195	190	195	205	220	230	240	245	250	255	265	260	260	255	250	260	255	240	195	175	160	145	150	255
12	115	125	120	120	130	135	135	125	135	125	120	135	135	135	140	140	145	150	155	170	220	270	265	255	135
13	260	260	260	255	240	210	250	255	255	265	285	290	290	290	295	295	295	285	265	280	280	245	230	250	255
14	175	115	120	100	85	90	85	100	95	110	90	95	95	95	100	110	120	120	125	125	120	120	135	135	120
15	250	260	260	240	210	150	115	185	200	190	215	245	250	320	300	285	270	315	360	260	115	125	130	105	260
16	205	265	260	275	330	5	355	335	330	335	335	325	325	315	305	290	285	285	315	310	335	335	350	355	335
17	355	350	355	345	350	5	355	330	305	290	275	270	275	285	290	305	285	260	235	220	175	175	200	220	355
18	200	215	225	225	185	145	205	245	255	255	270	265	255	255	260	260	255	255	245	245	250	255	260	260	255
19	100	145	125	180	165	115	120	295	310	325	335	335	345	5	30	45	55	70	105	110	180	155	165	165	180
20	165	170	175	175	165	185	195	255	240	210	150	255	245	245	250	240	255	265	345	30	145	145	165	190	255
21	235	240	235	235	250	250	295	285	335	315	315	280	255	255	250	245	245	250	255	330	360	360	245	315	235
22	50	300	355	25	40	50	50	50	35	350	335	320	300	295	275	285	265	265	260	275	360	80	65	80	50
23	120	165	95	80	75	110	75	20	325	315	320	360	335	335	345	355	350	345	355	355	355	335	325	305	355
24	280	255	245	225	230	245	240	245	250	335	325	305	280	300	350	30	20	15	60	60	60	60	50	60	60
25	45	50	100	150	240	255	255	240	260	270	250	260	250	265	260	270	260	260	245	230	220	200	180	150	260
26	180	210	220	220	240	230	230	255	265	270	300	330	10	20	40	30	60	50	50	90	135	130	110	90	50
27	90	125	130	90	110	80	70	60	50	50	60	30	30	60	100	110	110	105	100	100	100	100	100	100	100
28	100	100	100	100	105	100	100	80	90	100	95	100	80	90	175	210	95	90	60	45	80	70	75	60	100
29	60	60	60	60	60	80	80	75	55	50	60	60	60	50	30	40	60	75	75	60	60	60	60	60	60
30	70	95	110	115	120	110	120	125	135	240	30	360	20	20	15	15	10	30	350	330	320	270	270	60	15

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING

00362 MONTHLY SUMMARY 7

JG11

NINE MILE UPPER (9) WIND DIRECTION (DEG) (WDRU) DATA FOR APRIL 1980

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	310	290	280	250	235	210	210	205	210	260	275	295	320	330	330	330	320	30	80	75	75	90	110	150	210
02	270	260	250	240	230	205	195	180	135	250	245	255	265	280	260	255	250	245	245	260	270	275	300	340	250
03	10	15	15	20	15	15	360	345	360	45	40	20	345	330	350	20	50	65	55	60	60	75	80	105	15
04	125	120	125	125	130	135	140	150	150	160	180	330	300	260	255	250	245	245	240	250	255	255	260	255	255
05	260	275	280	285	285	290	295	295	290	285	280	275	260	265	270	270	270	270	270	270	270	290	270	250	270
06	255	260	265	280	300	345	35	40	25	15	10	360	355	355	5	15	20	30	35	60	75	100	125	135	15
07	145	135	140	140	140	140	140	145	150	160	160	180	185	190	180	170	170	170	160	160	160	160	160	160	160
08	160	160	155	150	140	140	140	145	145	140	150	150	160	165	165	165	160	150	145	145	150	135	135	140	150
09	140	135	135	130	130	135	135	135	150	150	140	130	135	140	130	120	120	110	240	80	120	330	130	210	135
10	120	160	160	160	165	165	230	290	290	40	70	80	90	85	80	90	135	180	210	280	270	245	245	240	160
11	215	200	200	200	215	225	230	240	250	250	255	270	270	270	260	255	265	260	255	240	240	210	210	180	200
12	135	140	140	145	150	150	140	145	145	135	140	145	145	150	155	155	160	160	165	180	230	270	265	260	145
13	260	260	260	260	250	230	250	260	255	265	280	290	290	290	295	295	295	290	285	280	280	260	255	290	265
14	270	270	180	135	105	90	90	110	110	120	110	110	105	110	115	120	130	135	135	140	130	130	145	150	110
15	255	265	265	250	240	195	160	200	210	200	210	230	250	320	315	290	270	300	330	240	135	150	150	180	150
16	240	265	265	275	340	5	360	335	330	340	340	330	330	315	310	290	285	285	315	320	340	340	355	360	340
17	355	355	360	350	350	360	355	340	315	290	280	270	270	285	290	310	270	250	245	245	210	205	225	235	270
18	225	225	230	230	225	220	235	255	260	265	275	275	270	265	255	255	255	250	240	245	260	270	280	285	330	255
19	65	50	70	210	220	265	220	200	280	290	305	305	315	350	45	60	70	90	115	130	155	180	190	190	70
20	190	190	190	185	180	200	215	240	225	240	150	260	265	265	265	270	275	290	345	15	50	100	180	225	190
21	250	250	250	250	260	290	330	330	345	345	335	310	270	265	260	255	250	255	270	300	340	10	15	350	250
22	30	20	10	20	30	40	40	45	40	10	350	330	310	310	285	295	280	275	270	300	360	50	60	60	40
23	60	30	20	45	70	70	60	45	310	290	345	15	350	350	360	10	5	5	15	15	15	360	345	320	15
24	290	260	255	240	245	250	250	250	250	250	250	260	275	295	10	30	25	15	25	25	30	40	40	70	250
25	240	45	95	130	235	245	255	235	255	260	250	250	255	265	270	275	275	265	250	245	245	245	240	215	245
26	245	250	255	255	255	250	250	255	260	275	305	330	20	25	40	35	40	40	80	90	85	95	35	55	40
27	35	40	55	85	135	130	95	100	80	70	40	25	35	65	115	125	125	120	115	110	110	115	115	115	115
28	120	115	115	115	120	115	110	95	95	115	110	110	100	85	80	125	105	105	90	105	105	85	85	60	115
29	55	50	50	45	55	65	65	75	85	70	60	60	55	60	45	35	35	50	75	80	55	65	75	105	60
30	120	120	135	135	130	125	135	135	145	210	30	360	360	10	20	20	15	20	15	5	5	15	20	25	20

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 1 8

JG110

NINE MILE LO-CUP (9) WIND SPEED-CUP (MPH) (WSPC) DATA FOR APRIL 1980

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	2	4	5	2	4	5	4	4	5	6	4	4	4	4	2	2	3	3	3	4	4	2	4
02	4	2	2	2	2	2	2	2	2	2	5	8	10	10	10	10	11	10	12	14	14	16	12	6	7
03	2	2	2	2	2	2	2	2	2	5	5	5	5	6	5	4	5	4	2	2	2	4	5	5	3
04	10	10	10	10	10	10	13	12	12	10	8	4	2	10	14	13	15	18	12	16	21	24	25	28	14
05	30	28	28	28	28	27	24	24	22	20	20	22	18	18	20	20	20	19	18	16	16	14	16	12	21
06	12	12	12	10	10	6	5	4	6	6	6	6	6	6	6	4	4	4	2	2	4	4	4	4	6
07	8	8	10	11	12	12	14	13	14	14	14	16	16	15	16	14	15	12	12	12	13	14	14	14	13
08	14	14	13	13	12	12	11	12	12	13	14	14	14	13	14	14	14	14	14	14	14	14	15	16	14
09	14	14	14	14	14	12	11	10	6	4	4	9	8	8	10	10	8	4	6	5	7	10	6	4	9
10	4	4	6	8	8	9	12	4	4	3	3	4	4	****	4	4	4	5	10	14	11	10	9	5	7
11	7	5	6	5	7	7	9	10	12	14	12	9	9	8	9	9	7	5	6	3	3	4	4	4	7
12	4	4	5	5	6	7	8	8	9	9	10	11	10	9	9	11	12	10	9	8	13	25	27	25	11
13	21	19	17	13	9	7	13	18	21	22	23	19	19	17	17	17	14	12	12	12	11	6	4	3	14
14	3	2	3	3	3	3	3	5	7	7	8	10	10	9	11	13	15	17	19	19	18	14	13	14	10
15	17	19	18	8	3	3	5	6	6	9	10	13	13	8	5	8	7	5	3	3	4	5	5	4	8
16	4	13	15	13	13	8	5	13	12	8	8	9	9	11	13	17	17	16	10	11	12	12	9	9	11
17	9	9	9	9	8	7	6	6	6	7	9	11	10	11	9	5	3	4	5	4	4	5	6	7	7
18	5	6	7	7	4	4	5	10	13	11	9	10	10	10	9	10	10	10	9	13	12	10	9	4	9
19	2	1	2	2	2	2	2	3	4	4	4	3	4	5	5	4	3	3	4	4	3	5	6	7	4
20	6	7	8	9	9	10	7	7	5	3	3	3	9	10	11	11	10	7	3	4	2	1	1	1	6
21	3	7	7	7	12	9	5	6	4	6	8	8	11	12	13	13	15	17	15	7	3	2	2	2	8
22	2	1	1	3	4	5	5	6	6	5	6	7	10	10	9	8	8	8	7	4	3	4	5	3	5
23	2	2	2	2	3	3	3	4	3	5	5	5	7	7	7	6	5	4	4	3	2	5	9	11	5
24	9	10	9	5	7	11	9	11	11	10	11	10	7	5	4	4	4	4	3	2	3	4	3	3	7
25	6	3	5	4	8	10	8	5	9	10	1	8	13	13	13	13	8	8	8	6	5	4	3	3	8
26	4	5	11	10	8	6	6	8	3	7		4	6	6	4	4	3	2	2	2	1	2	1	2	5
27	1	2	2	1	2	1	3	3	4	5		4	3	3	7	8	10	10	10	10	10	12	11	9	6
28	6	7	8	10	9	8	8	5	5	10		5	6	4	3	5	6	3	2	1	3	2	2	1	5
29	2	3	4	4	4	3	5	3	3	4		5	4	4	6	6	4	3	2	3	2	2	2	2	3
30	2	2	3	4	4	3	4	6	5	4	4	3	4	5	6	5	4	4	3	2	2	1	1	3	4

VALIDATED DATA

DATE JUL 31 1980

NMPC

NIAGARA MOHAWK

OSWEGO AMBIENT AIR MONITORING

MONTHLY SUMMARY

0 0 3 6 2 1 5 1 9

JG110

NINE MILE UPPER (9) WIND SPEED (MPH) (WSPU) DATA FOR APRIL 1980

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	10	9	6	8	9	10	12	11	6	8	11	12	10	10	7	1	3	6	7	10	9	10	10	9	9
02	8	8	9	7	5	6	6	6	3	3	8	11	13	15	15	13	15	16	18	24	25	30	24	16	13
03	10	10	11	12	11	7	5	5	7	7	7	8	8	10	11	10	10	9	10	11	13	14	15	19	10
04	20	20	20	22	20	20	24	21	20	14	14	10	6	17	23	20	18	21	16	18	32	30	30	35	20
05	36	36	35	34	35	34	32	32	29	27	25	29	23	25	30	30	30	29	25	22	22	22	18	16	28
06	17	17	13	15	15	15	15	10	14	13	14	13	12	12	13	13	13	13	10	9	12	12	12	13	13
07	15	14	14	17	18	10	20	21	22	22	22	22	25	25	25	24	20	20	20	20	22	24	24	24	20
08	24	22	22	17	17	20	18	18	13	20	20	20	22	20	25	26	26	25	26	30	24	25	26	26	22
09	24	25	26	26	26	25	20	16	12	10	8	15	13	13	15	14	14	10	10	10	17	22	12	9	16
10	10	13	14	18	18	20	18	8	4	3	4	5	5	5	6	8	7	8	16	24	17	15	14	13	11
11	10	10	12	11	12	13	14	14	16	20	19	16	14	13	12	11	8	5	7	5	5	6	5	5	11
12	11	13	13	13	14	16	17	17	17	16	20	20	18	18	18	23	22	18	16	13	22	32	34	35	19
13	28	25	22	19	14	14	13	24	26	28	29	25	24	22	23	23	21	19	18	17	16	9	7	6	20
14	4	0	3	9	10	11	9	10	13	12	15	20	20	20	20	26	30	34	36	35	32	25	22	25	18
15	23	27	24	13	7	5	9	12	9	13	15	18	20	15	10	12	9	8	5	3	8	10	10	10	12
16	10	15	18	16	24	14	28	28	25	22	19	19	15	15	15	18	18	17	11	12	15	17	17	17	18
17	16	15	15	13	12	11	9	8	7	8	10	12	11	12	9	5	2	6	6	9	10	13	14	13	10
18	12	14	13	13	10	9	11	16	18	14	14	13	M	14	13	14	14	13	14	19	19	16	12	6	14
19	6	3	1	2	3	2	1	1	1	3	5	5	6	6	4	3	3	6	10	12	12	16	18	18	6
20	17	18	20	20	20	18	14	10	10	4	6	15	16	16	18	19	17	15	14	10	4	1	1	2	13
21	9	13	12	12	14	10	9	9	7	12	13	10	12	14	14	15	18	20	19	11	7	6	6	10	12
22	15	11	10	13	12	11	10	10	7	7	8	9	10	11	10	10	9	9	8	6	9	14	13	8	10
23	4	5	6	7	8	7	5	4	1	7	9	14	13	14	19	21	19	16	18	18	14	15	15	15	12
24	12	9	9	8	9	11	10	10	10	10	9	8	6	4	5	7	11	18	13	11	18	13	9	7	10
25	11	9	13	11	11	9	9	4	11	12	13	11	15	17	15	18	12	9	10	10	10	9	6	5	11
26	8	12	16	13	10	10	7	10	9	9	8	9	10	7	5	3	4	2	2	2	2	1	3	7	7
27	8	8	6	8	9	11	5	5	7	7	9	12	9	7	12	14	16	18	21	21	21	22	20	17	12
28	14	16	16	19	19	16	18	14	12	17	17	12	13	12	8	9	13	9	5	3	9	7	7	7	12
29	7	12	14	13	15	9	11	7	6	8	9	10	12	11	12	14	12	9	7	7	6	8	7	7	10
30	7	8	8	9	9	7	8	10	9	4	6	6	6	10	12	12	12	12	12	12	12	12	12	12	9

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 4 5 2 0

JG110

NINE MILE UPPER (9) TEMPERATURE DIFFERENCE (DEG F (TDFU) DATA FOR MAY 1980

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	1.2	3.0	2.6	2.6	1.4	1.0	1.6	1.6	1.2	2.8	2.8	1.2	4.4	2.0	1.0	.8	.6	8.0	9.2	2.0	1.0	-.2	-.4	-.4	2.1
02	-.4	.1	.4	.2	.2	-.4	-.8	.4	2.4	4.8	5.6	5.8	4.8	3.6	2.4	-.1	.4	1.8	.0	3.0	4.8	2.4	2.0	1.8	1.9
03	.0	.0	-.4	-.7	-.6	-.7	-.6	-.5	-.6	-1.2	-1.0	-1.2	-1.7	-1.8	-2.3	-2.1	-1.2	-1.0	-.9	.5	2.0	4.4	2.8	3.6	-.2
04	7.6	9.5	7.5	8.8	7.4	3.6	2.4	4.4	3.5	.6	-1.2	.5	1.2	1.6	2.0	.8	-.2	-.4	2.4	3.4	.6	2.8	.0	.4	2.9
05	.2	-.8	.1	-.4	-.7	-.4	-.6	2.2	2.6	3.0	2.8	5.2	6.4	4.0	5.0	.0	-2.2	-1.6	-.4	1.4	2.9	3.8	6.0	3.2	1.7
06	3.2	4.9	4.0	-.2	-.8	-1.0	-1.0	****	****	****	****	****	****	****	-1.0	-.8	-1.0	-.6	-.2	.0	.6	2.6	4.6	7.2	1.2
07	6.6	4.8	3.8	2.2	1.2	.6	-.6	-.4	****	****	-1.4	2.4	-.8	-1.0	-.6	-.8	-.8	-.6	-.2	-.4	-.4	-1.0	-.9	-.4	.5
08	-.6	-1.2	-1.1	-.1	.1	.2	-.5	-1.2	-1.4	-1.6	-1.1	-1.4	-1.6	-1.7	-1.8	-1.3	-1.3	-1.3	1.1	-1.2	-1.2	-1.2	-1.3	-1.3	-1.1
09	-1.4	-1.3	-1.3	-1.4	-1.5	-1.5	-1.6	-1.5	-1.4	-1.5	-1.5	-1.7	-1.8	-1.8	-1.5	-1.5	-1.4	-1.3	-1.3	-1.3	-1.3	-1.0	-1.1	-1.2	-1.4
10	-1.2	-1.1	-1.2	-1.2	-1.0	-1.2	-1.1	-1.0	-1.3	-1.7	-1.2	-1.3	-2.4	-1.3	-1.2	-1.6	-1.5	-1.4	-.5	1.8	5.2	4.0	3.6	1.8	-.4
11	1.0	.2	.2	.2	.1	-.2	-.5	-.5	-.3	-.6	-.7	-1.6	-1.6	-1.6	-1.1	.4	2.5	-.2	.1	-.1	-.2	.2	.0	.4	-.2
12	.0	.2	.4	.6	1.6	1.6	.0	.2	.6	.5	1.0	2.6	3.4	2.6	2.9	3.2	1.8	1.0	-.2	1.2	3.0	3.6	4.6	4.6	1.7
13	2.8	-.4	2.8	2.6	.2	.6	-.6	-.5	-.4	.8	.4	.0	-1.0	-.9	-1.0	-.8	-.6	-1.0	-.9	-.6	.4	.2	-.4	-.4	.1
14	-.5	.4	-.2	-.4	-.9	-.7	-.3	-.6	-.8	-.6	1.0	-.2	-1.6	-1.5	-1.4	-1.4	-.9	-.4	-.6	-.6	-.6	-.8	-1.0	-1.0	-.7
15	-1.0	-1.0	-.8	-1.3	-1.3	-1.2	-1.2	-1.3	-1.4	-1.6	-1.5	-1.6	-1.7	-1.8	-1.6	.2	-.4	-1.0	-1.0	-.6	-.4	-.5	-.1	-.2	-1.0
16	-.4	-.5	-.5	.6	1.8	2.2	-.6	-.7	-1.4	-2.0	-1.5	-1.6	-.8	-1.0	.2	2.2	2.2	.0	-.8	1.2	4.2	5.4	8.4	7.2	1.0
17	8.0	12.0	8.4	8.4	8.4	8.8	1.2	-.6	-1.2	1.2	.2	-2.0	-3.0	-3.0	-1.6	7.0	.0	-1.0	-.4	.4	-.4	-.8	-.6	.2	2.0
18	.4	.0	-.3	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.2	-.5	-.9	-1.2	-1.2	-1.0	-.9	-1.2	-1.0	-.7	-.7	-.3	2.4	-.3	-.4
19	-.4	-.4	.4	-.1	-.4	-.4	-.4	.0	.2	-.8	-.4	2.6	2.0	1.2	.2	-.4	2.2	.8	3.6	3.5	2.4	1.0	1.0	1.4	.8
20	1.0	.4	.8	1.4	2.4	.4	-.4	.0	2.4	2.8	2.6	.0	-2.4	-1.0	1.2	2.0	2.6	4.0	3.4	2.6	5.2	6.4	9.4	8.4	2.4
21	7.6	7.6	5.0	3.8	1.6	.8	4.0	5.0	5.2	-1.0	2.8	3.6	2.2	1.2	5.2	1.4	.3	1.4	.2	.0	1.0	2.0	.4	3.0	2.7
22	4.4	3.4	3.2	.4	-.4	-.5	-.5	****	****	-1.4	-1.2	-1.2	-1.6	-1.2	.8	4.0	1.2	.9	.8	.8	.8	.4	2.4	2.8	.8
23	2.4	3.2	3.0	3.8	2.0	.2	-.3	-.2	-.7	-1.2	-.6	-.9	-1.6	-1.7	-1.6	.7	5.6	5.4	2.6	2.9	3.0	6.6	6.4	5.2	1.8
24	6.0	6.0	6.0	6.7	4.8	4.6	1.1	4.0	2.4	2.2	4.9	6.4	2.6	1.8	2.2	2.8	4.2	1.6	.0	1.6	2.2	1.2	2.8	4.0	3.4
25	5.0	4.0	2.5	1.4	2.4	2.4	.2	-.6	1.0	1.8	1.6	-.6	2.8	3.6	2.8	2.0	1.6	1.0	4.6	.4	.0	4.4	3.8	6.0	2.3
26	6.0	2.4	1.4	2.0	1.8	.4	-.6	-.8	-.8	-.9	.0	-.8	-.4	-1.1	-1.2	-1.3	-1.2	-1.2	-1.2	-.6	.4	1.6	6.6	8.8	.8
27	4.0	5.0	3.6	2.4	.8	1.0	1.6	1.4	-.2	-.4	-.4	-.9	-.6	-1.6	-1.8	-1.6	-1.2	-1.1	-1.0	-1.0	-1.0	-1.0	-.9	-.9	.2
28	-.6	-1.0	-1.0	-1.0	-.2	.2	-.5	-.6	-1.6	-2.4	-3.0	-3.2	-2.6	-2.6	-2.0	-1.6	-.8	-.6	-.6	-.4	1.2	2.2	3.0	5.8	-.6
29	7.4	9.1	9.6	8.0	6.4	5.0	.6	-.6	-1.4	-2.0	-1.0	-.6	-4.0	-1.6	-.2	-.6	-1.2	-1.2	1.4	3.0	5.0	5.0	5.4	2.0	2.3
30	.8	.8	.4	.0	-.1	-.2	-.5	-.9	-1.4	-1.8	-2.2	-2.8	-2.6	-2.7	-2.0	2.0	1.0	2.2	1.6	2.1	1.0	.6	.4	.6	-.1
31	.0	-.4	-.4	-.4	-.4	-.2	-.6	-.9	-1.4	-1.4	-1.4	-2.0	2.0	5.0	-1.6	-.8	2.8	2.2	1.2	1.0	1.6	-.4	-.4	-.6	.1

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

00362 1521

JG110

NINE MILE LOWER (9) TEMPERATURE (DEG F) (TMPL) DATA FOR MAY 1980

DAY \ HOUR ENDING	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	43	41	40	40	40	41	41	42	43	40	43	43	42	42	42	44	45	44	44	44	45	47	47	46	43
02	46	45	44	44	44	44	45	45	45	46	46	47	46	46	46	47	47	50	51	50	50	50	51	51	47
03	50	50	50	50	51	52	52	52	52	52	52	52	52	52	54	57	56	54	51	49	48	47	47	46	51
04	48	48	45	44	45	45	44	45	46	46	46	47	47	49	51	52	57	59	59	57	57	55	53	51	50
05	49	50	51	51	50	49	50	48	48	50	51	50	50	58	57	59	65	67	66	63	60	56	59	61	55
06	62	55	52	46	44	43	44	****	****	****	****	****	****	****	48	48	50	51	52	51	51	48	48	44	49
07	44	45	46	46	45	45	47	50	****	****	50	52	46	44	44	43	43	44	43	42	43	44	44	43	46
08	43	43	44	42	40	40	41	43	44	44	44	45	45	43	42	44	44	43	42	42	42	44	42	44	43
09	42	42	42	41	41	40	40	39	40	****	****	****	42	43	44	45	45	45	45	45	45	45	46	45	43
10	46	45	45	44	44	43	46	46	47	48	47	48	48	48	49	50	52	52	52	47	46	48	50	49	48
11	49	50	51	52	53	54	56	57	54	54	54	58	62	66	66	66	56	52	50	51	50	49	49	48	54
12	46	46	45	45	46	46	46	47	47	48	50	50	52	53	53	52	55	53	54	54	53	53	52	52	50
13	50	46	46	47	48	50	49	46	45	46	44	44	44	44	44	46	44	44	44	44	43	44	44	44	45
14	44	44	44	44	44	44	44	44	44	44	44	44	45	46	46	47	46	45	44	44	45	46	43	45	45
15	44	44	44	44	43	43	43	43	43	43	43	44	45	46	46	46	46	46	45	45	45	44	44	44	44
16	46	46	46	44	43	42	45	45	46	47	48	48	50	49	51	56	56	56	55	53	50	48	48	46	48
17	44	42	44	44	42	47	50	57	62	63	66	72	73	74	74	62	72	70	69	67	66	64	60	54	60
18	54	52	51	50	49	49	50	51	53	54	55	59	61	66	66	64	64	64	63	62	62	62	53	50	57
19	51	50	49	48	47	47	47	46	46	47	49	49	49	46	46	48	49	55	46	47	44	44	46	46	47
20	48	48	47	46	44	45	46	48	51	48	47	49	50	51	54	55	56	54	52	50	49	48	48	48	49
21	49	50	53	54	56	56	54	53	56	64	61	58	56	58	56	58	60	59	59	54	54	52	50	48	56
22	43	48	51	56	55	54	56	****	56	57	56	55	57	58	59	61	66	64	63	59	55	54	53	53	56
23	52	52	56	55	58	61	63	64	64	65	66	66	66	65	63	63	65	65	68	65	63	59	59	60	62
24	59	58	59	60	59	58	61	57	58	57	57	57	57	56	58	59	59	61	63	61	57	55	54	53	58
25	51	50	49	49	48	50	52	54	54	53	54	55	53	53	55	57	57	54	52	49	49	47	45	46	52
26	46	46	46	45	45	46	46	47	48	49	48	49	48	48	48	48	48	48	47	45	45	44	42	41	46
27	45	47	46	46	45	45	46	46	45	47	48	49	49	49	50	50	50	50	49	49	48	48	46	46	48
28	45	46	45	46	46	46	49	50	50	50	51	51	51	53	54	54	53	52	52	52	51	50	48	45	50
29	45	44	43	42	44	46	51	55	58	62	61	56	57	58	58	59	59	56	56	55	54	54	54	56	53
30	57	56	57	58	58	58	59	60	64	67	71	72	75	78	78	72	61	61	61	62	62	63	64	63	64
31	64	66	65	65	64	64	65	66	69	71	73	75	71	70	79	76	65	60	61	57	53	52	52	52	65

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 2 2

JG110*

NINE MILE LO-CUP (9) WIND DIRECTION-CUP (DEG) (WDRC) DATA FOR MAY 1980

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	255	245	245	245	255	290	330	320	290	260	270	255	255	255	255	260	270	290	290	250	255	255	260	250	255
02	230	220	220	220	210	210	210	300	265	265	270	260	260	265	260	255	260	240	240	230	230	230	220	230	220
03	255	245	245	245	240	240	245	250	245	245	250	230	250	255	255	250	255	250	260	270	240	230	270	300	250
04	315	320	320	340	300	300	300	330	350	290	275	270	255	270	260	255	250	240	245	245	240	260	245	250	245
05	240	240	220	240	240	230	250	280	280	270	270	290	330	280	350	60	80	90	80	80	70	240	160	190	240
06	190	60	230	240	240	230	250	255	270	250	245	250	240	250	250	250	245	245	240	240	220	160	130	120	240
07	125	135	135	135	130	140	150	140	135	****	210	260	260	260	265	290	295	295	290	285	280	265	255	230	135
08	240	250	245	230	225	200	220	250	245	250	250	270	290	300	300	270	255	270	270	270	270	260	255	255	270
09	260	260	260	265	275	275	270	270	265	260	260	265	265	270	270	270	270	265	255	250	250	245	240	245	270
10	250	255	250	255	240	245	245	250	255	255	265	275	300	320	360	60	60	50	75	75	100	110	120	120	255
11	110	125	130	140	140	140	150	165	160	155	150	160	175	180	180	190	250	240	240	240	240	240	245	250	240
12	260	240	210	160	160	190	290	315	290	320	340	320	320	355	355	350	45	70	90	85	100	170	120	240	320
13	270	270	250	90	100	200	250	255	260	360	340	330	30	20	270	250	260	250	240	240	190	240	200	100	250
14	90	80	30	45	50	40	45	80	330	290	300	280	260	255	245	245	260	265	265	265	250	240	240	240	240
15	245	245	240	250	255	255	250	250	255	265	255	250	245	250	260	275	280	265	255	255	255	250	260	240	250
16	240	250	245	235	220	210	230	250	245	245	250	250	250	260	250	250	250	245	240	200	80	130	140	230	250
17	180	135	140	130	95	130	135	150	130	340	150	150	140	140	135	20	150	170	160	170	195	195	190	160	150
18	140	140	125	120	120	125	135	135	135	130	160	170	180	190	190	185	190	190	180	180	185	210	245	240	180
19	230	235	260	245	230	255	260	240	270	270	265	265	270	265	250	255	250	240	265	160	75	60	50	50	265
20	60	70	90	330	120	110	90	90	350	340	320	300	300	290	270	255	265	265	265	265	255	180	130	100	90	90
21	85	90	140	120	110	120	270	270	300	200	260	280	280	270	270	260	250	245	245	240	225	210	240	175	270
22	180	150	210	235	240	240	235	255	245	245	245	255	250	250	255	250	250	245	250	250	250	220	165	160	250
23	200	210	230	210	230	235	235	240	240	240	240	245	245	250	270	290	290	245	250	250	190	130	140	170	240
24	130	160	170	190	180	210	240	290	260	255	255	260	260	260	265	265	270	360	245	260	60	70	360	330	260
25	360	270	245	270	270	360	50	50	30	360	350	340	325	330	330	330	330	230	310	255	240	210	190	360	360
26	340	50	30	50	30	330	300	330	330	315	295	270	275	270	270	270	265	265	250	240	230	210	190	180	270
27	290	330	325	340	310	305	320	320	315	300	305	275	270	260	255	265	265	265	265	265	260	250	240	240	265
28	220	240	255	245	270	270	30	360	340	325	300	320	300	280	275	290	280	270	265	260	160	110	110	115	110
29	115	110	135	155	135	130	115	110	120	150	30	15	360	360	5	30	150	50	70	90	95	80	90	120	30
30	120	125	130	130	130	120	120	120	130	140	150	150	150	150	155	240	150	125	120	135	135	145	150	150	150
31	160	175	175	175	170	165	170	165	170	190	190	180	240	270	190	210	240	250	240	250	260	240	240	245	240

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING

MONTHLY SUMMARY

0 0 3 6 2 1 5 2 3

JG110

NINE MILE UPPER (9) WIND DIRECTION (DEG) (WDRU) DATA FOR MAY 1980

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	330	285	280	285	305	345	20	25	350	155	330	285	290	280	280	285	290	300	300	295	290	275	275	280	260
02	265	245	235	235	235	235	215	225	245	255	255	250	255	260	265	275	200	240	245	275	270	265	250	250	235
03	255	260	250	255	255	255	255	255	255	255	255	265	265	270	275	265	270	265	255	250	270	295	345	350	255
04	345	350	355	350	345	335	345	350	5	335	295	315	265	275	255	250	250	255	250	270	250	255	260	300	250
05	295	265	250	255	260	255	245	240	240	245	250	250	275	235	305	40	85	110	105	70	30	150	210	205	250
06	215	130	295	245	245	245	250	260	260	240	245	255	255	265	255	265	255	255	245	255	250	225	215	175	255
07	175	170	165	160	150	145	170	155	155	****	195	270	280	290	290	295	290	290	290	295	280	255	255	245	230
08	245	250	245	245	235	220	235	235	235	240	250	260	265	290	245	260	245	260	255	255	265	250	245	245	245
09	250	255	255	260	270	265	265	260	255	255	255	260	260	265	270	265	265	280	250	240	240	235	240	240	255
10	245	250	245	245	240	240	240	240	245	250	255	270	290	320	340	45	45	50	75	75	90	105	115	120	245
11	120	130	140	150	150	150	155	165	160	155	155	160	175	160	160	190	245	250	255	245	245	255	250	265	155
12	270	270	255	245	215	210	255	275	275	330	25	20	25	30	20	10	20	35	60	50	65	105	105	150	20
13	260	310	295	360	20	150	235	235	235	90	325	325	10	20	245	240	255	245	240	245	220	240	215	120	235
14	95	95	40	35	25	25	20	20	355	300	305	280	255	255	245	245	255	265	265	255	245	240	240	240	240
15	245	245	240	245	250	250	245	245	250	240	250	250	245	250	255	270	275	260	255	255	260	255	265	245	245
16	245	250	250	250	245	240	235	240	240	240	245	245	245	255	255	245	240	245	240	225	190	195	200	200	240
17	195	205	200	195	165	160	155	150	135	125	150	150	140	155	140	90	160	175	165	170	195	195	190	165	195
18	155	155	135	130	130	135	135	135	135	135	160	175	180	195	195	155	195	180	135	190	185	215	250	245	135
19	225	235	245	260	240	240	250	245	260	280	260	255	265	265	250	255	250	230	250	265	25	20	25	20	250
20	35	45	55	10	35	55	65	65	70	50	5	355	335	325	325	310	315	300	285	285	320	45	60	70	45
21	85	120	120	125	135	135	185	190	160	190	230	270	275	275	285	265	240	235	240	245	240	235	255	240	240
22	240	240	230	240	240	240	240	****	230	235	250	250	255	255	255	265	250	240	245	245	255	245	240	250	240
23	240	245	245	240	245	240	240	240	240	240	240	250	250	255	270	250	245	250	250	230	230	230	230	235	240
24	240	235	240	240	235	250	240	250	230	255	****	****	****	280	305	210	335	310	280	305	340	30	25	360	240
25	350	340	285	275	330	40	30	40	25	15	5	360	350	350	355	360	10	310	310	270	260	290	330	350	350
26	350	360	10	360	360	350	355	355	340	325	305	270	270	270	270	265	260	265	265	255	255	260	280	280	270
27	320	335	330	330	315	310	320	325	320	315	310	285	265	255	250	260	260	260	265	260	260	250	240	245	260
28	240	250	255	250	245	310	30	30	340	345	350	320	310	290	280	290	280	260	265	260	270	70	35	85	30
29	85	80	130	160	145	135	120	120	120	120	40	15	360	355	360	15	15	20	40	55	60	60	115	130	120
30	135	140	145	140	135	135	135	135	140	140	150	150	150	155	160	230	210	155	135	150	145	155	160	160	135
31	165	180	175	190	170	170	180	170	180	190	190	190	230	220	190	210	240	240	240	260	260	250	250	250	180

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 1 5 2 4

JG1 0♦

NINE MILE LO-CUP (9) WIND SPEED-CUP (MPH) (WSPC) DATA FOR MAY 1980

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	5	8	9	9	7	3	2	2	3	4	6	10	10	11	11	10	9	11	11	9	8	10	7	3	7
02	3	3	3	3	3	3	4	7	7	10	10	12	10	8	8	8	4	8	4	5	4	6	5	4	6
03	11	13	12	12	13	14	15	14	15	15	15	14	12	8	5	6	8	9	7	4	3	3	3	3	10
04	5	6	3	4	7	9	6	5	2	5	8	5	7	7	9	8	11	13	12	13	9	8	10	6	7
05	5	7	5	8	7	5	8	6	7	9	9	4	3	4	5	4	4	2	2	2	2	5	4	8	5
06	7	3	4	10	8	5	10	7	6	8	11	12	12	14	13	12	11	12	8	7	7	4	3	5	8
07	6	5	6	7	9	8	5	9	****	****	10	16	20	22	22	23	23	20	17	18	19	17	15	10	14
08	12	16	14	10	8	6	10	17	15	15	13	11	9	8	9	5	7	8	7	9	10	13	16	18	11
09	17	17	16	16	17	17	18	18	18	18	19	19	19	17	15	16	18	16	15	17	18	16	15	15	17
10	16	14	13	13	10	12	11	12	11	10	10	7	5	4	4	3	3	3	3	3	5	5	6	6	8
11	6	6	10	9	8	8	9	9	10	12	12	14	13	13	12	8	10	13	11	9	9	9	9	10	10
12	9	5	2	2	2	2	2	3	4	4	5	4	4	5	4	3	2	2	2	2	2	2	1	2	3
13	4	4	3	2	1	2	5	6	5	3	4	4	3	2	4	6	10	8	9	5	3	4	5	3	4
14	3	2	3	4	4	5	4	3	3	7	9	11	13	14	14	12	11	13	13	12	12	14	14	14	9
15	16	14	13	16	16	14	15	15	15	14	14	14	12	13	14	13	12	11	11	11	10	10	11	10	13
16	10	9	8	7	4	4	9	14	14	13	12	12	12	10	11	11	11	11	9	3	2	3	4	3	9
17	2	2	3	3	4	5	5	4	5	4	4	6	8	9	9	5	6	4	3	3	7	9	9	6	5
18	5	7	9	9	7	10	14	14	14	12	10	14	14	14	14	14	12	9	9	9	8	10	11	8	11
19	6	6	7	7	5	5	8	4	5	6	7	9	7	8	11	9	9	7	6	3	3	2	2	2	6
20	2	3	1	1	1	1	2	2	4	4	14	14	4	4	4	5	4	5	4	4	2	2	2	1	4
21	2	1	2	4	4	4	3	2	2	7	5	4	6	3	2	4	3	10	10	7	4	2	3	3	4
22	2	1	4	12	15	15	14	11	12	11	9	9	8	9	8	6	5	7	7	9	7	3	2	1	8
23	2	2	3	1	5	9	10	11	12	11	12	10	9	6	2	1	2	3	2	1	1	2	2	3	5
24	2	3	3	4	2	1	3	3	7	8	9	9	9	5	3	3	2	1	2	1	0	0	0	0	3
25	0	0	3	4	2	1	2	5	6	4	3	2	3	4	2	1	2	5	6	6	5	1	2	1	3
26	1	2	1	1	1	1	1	2	4	6	8	11	15	16	16	16	15	14	12	6	5	4	2	2	7
27	3	4	4	5	5	8	8	8	7	8	8	8	12	12	14	17	18	18	19	20	19	15	11	10	11
28	8	10	9	7	4	1	3	3	3	3	3	3	4	4	4	3	3	4	5	4	1	2	2	2	4
29	2	2	4	5	4	4	4	4	5	4	4	4	2	2	3	2	2	1	2	2	2	2	2	6	3
30	7	7	8	9	8	8	8	8	9	9	10	9	10	10	10	6	5	4	5	7	3	6	7	6	8
31	9	10	10	8	8	7	8	8	9	8	7	8	5	4	9	10	10	15	17	12	12	12	11	14	10

VALIDATE DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 T S 2 5

JG110*

NINE MILL UPPER (9) WIND SPEED (MPH) (WSPD) DATA FOR MAY 1980

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	5	6	7	7	5	7	13	11	9	12	13	11	12	12	12	12	12	12	12	12	13	11	10	6	10
02	5	7	9	9	9	6	3	4	3	9	13	14	14	12	10	9	5	9	9	10	11	13	12	11	9
03	14	15	16	17	18	19	22	20	21	22	21	20	19	10	6	9	10	12	9	4	5	7	10	13	14
04	17	17	17	18	18	18	18	19	17	10	8	7	4	4	9	13	15	19	23	25	17	16	16	10	15
05	10	10	10	13	12	10	9	9	9	10	11	10	7	7	9	11	7	3	5	5	8	7	5	14	9
06	14	4	7	13	12	7	11	6	9	9	13	13	13	21	21	17	15	18	15	11	11	10	5	10	12
07	13	16	18	19	20	18	10	19	19	****	15	25	25	25	24	31	32	31	21	29	26	24	21	14	22
08	17	20	18	14	13	11	12	19	19	18	15	13	11	11	8	5	7	9	5	8	10	11	16	23	13
09	21	22	19	20	19	18	19	17	15	15	15	16	19	20	19	20	23	21	19	21	21	21	20	20	19
10	20	18	16	15	13	15	14	13	12	11	10	8	6	4	5	3	4	5	4	7	14	17	17	16	11
11	14	18	20	21	18	19	18	19	20	23	21	22	19	19	17	13	19	22	17	15	14	15	13	14	18
12	11	7	5	4	3	5	3	2	2	2	3	4	5	6	5	6	5	7	5	9	7	5	5	1	5
13	8	7	5	3	2	1	6	9	5	4	8	8	9	7	6	6	12	11	11	7	7	8	7	8	7
14	9	8	7	12	13	17	17	12	7	9	13	15	17	18	18	16	17	11	19	17	17	21	20	21	15
15	21	19	18	20	19	17	13	18	17	16	15	15	14	15	17	20	20	14	13	14	14	11	13	13	16
16	13	11	10	10	8	8	11	16	15	15	14	13	14	13	12	12	12	12	12	12	6	6	6	6	11
17	6	6	6	6	6	6	6	6	6	6	6	11	13	13	11	8	11	11	11	11	13	15	18	16	10
18	15	17	19	16	14	19	26	27	26	22	19	23	23	22	21	22	18	16	16	16	16	15	22	22	20
19	14	14	14	14	14	13	13	13	11	5	7	9	11	11	14	13	12	9	11	6	6	9	12	9	11
20	13	11	7	4	5	5	5	3	3	5	7	9	7	9	8	6	5	4	5	5	4	4	4	9	6
21	10	14	14	16	14	14	4	3	7	10	9	13	13	8	9	9	11	14	17	13	11	5	7	8	11
22	9	6	14	21	26	24	23	****	17	17	14	14	14	16	16	17	14	13	14	15	13	10	9	8	15
23	9	13	13	12	16	17	18	19	19	17	19	16	14	10	5	8	9	3	8	6	7	10	8	10	12
24	12	16	11	10	10	13	12	12	10	13	****	****	****	10	9	4	5	6	6	6	4	6	6	5	9
25	7	6	6	7	8	14	14	20	26	25	23	23	21	25	24	20	22	16	19	12	8	6	10	20	16
26	25	14	13	11	11	13	16	16	18	17	14	16	22	24	24	24	24	20	16	10	8	8	8	8	16
27	18	25	22	13	14	18	23	22	17	15	14	12	16	17	19	24	27	28	28	30	26	22	17	16	20
28	12	14	11	10	6	3	9	6	5	8	9	7	5	4	6	6	6	6	8	7	3	5	6	6	7
29	6	4	6	15	18	16	11	8	7	6	8	13	14	17	16	13	10	10	11	11	12	12	17	19	12
30	20	22	22	21	21	20	20	17	16	16	20	16	16	19	19	12	15	14	18	21	22	22	22	22	19
31	23	23	20	18	20	17	18	17	15	13	13	13	11	12	16	20	24	30	34	26	24	21	20	25	20

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING
MONTHLY SUMMARY
0 0 3 6 2 T S 2 6

JG110*

NINE MILE UPPER (9) TEMPERATURE DIFFERENCE DEG F (10F01) DATA FOR JUNE 1980

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	-.7	-1.1	-1.1	-1.1	-.9	-1.2	-1.3	-1.3	-.9	-1.1	-1.3	-1.6	-1.6	-1.3	-1.3	-1.3	-1.1	-1.0	-.8	-.5	-.2	.2	.0	.0	-1.0
02	-.3	-.1	1.4	1.2	.4	1.2	1.2	.2	.0	2.0	3.8	1.5	2.4	.0	.0	-.4	-.4	-.5	-.2	1.2	2.8	4.4	3.6	2.0	1.1
03	2.6	-.2	.2	2.0	3.0	2.6	1.2	2.6	1.6	.3	.0	.4	.8	1.0	.2	-.3	-.8	-1.4	-1.2	-.2	.8	1.6	3.8	.8	.8
04	-.4	1.8	4.2	5.0	2.8	1.8	1.6	1.4	.8	.6	.0	-.7	-.6	-1.0	-1.6	-1.8	-1.9	-.8	-.8	-.6	.6	5.0	7.2	6.8	1.3
05	4.8	4.4	3.4	4.0	2.6	1.2	-.8	****	-.4	-.7	-1.2	-1.2	-.4	-1.5	-1.6	-1.8	-1.6	-1.4	-.6	5.0	6.0	8.0	9.4	10.0	2.0
06	6.0	5.6	4.8	3.4	2.0	.4	-.6	-1.0	-1.2	-1.6	-1.4	-2.0	-2.0	-2.4	-1.8	-.4	-.4	-.4	.0	.8	.8	.4	-.3	-.4	.3
07	-.2	-.4	.4	.2	-.6	.8	.6	1.0	1.2	1.4	-.4	-1.2	-1.0	1.0	1.8	1.2	-1.4	-.6	-.4	-.2	-.2	.0	-.2	.0	.1
08	.0	-.2	-.2	-.2	.0	.0	-.4	-1.2	-1.4	-1.6	-1.6	-1.6	-1.6	-1.6	-1.8	-1.8	-1.6	-1.4	-1.2	-1.4	-1.2	-1.4	-1.4	-1.6	-1.1
09	-1.4	-1.4	-1.6	-1.6	-1.2	-1.2	-1.0	-1.2	-1.4	-1.8	-1.0	-2.0	-1.6	-1.6	-1.2	-1.6	-1.4	-1.2	-1.0	-.4	.0	.4	-1.0	-1.0	-1.2
10	-1.0	-1.2	-1.2	-1.2	-1.2	.4	-.8	-1.0	-1.2	-1.6	-1.4	-1.6	-1.8	-1.8	-1.6	-1.6	-1.6	-1.4	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.3
11	-1.2	-1.2	-1.2	-1.2	-1.4	-1.2	-1.2	-1.0	-1.2	-1.4	-1.2	-1.4	-1.6	-2.0	-1.6	-1.2	-.6	.8	.0	.0	.0	-.8	-.8	-.2	-1.0
12	-.2	.0	4.8	6.8	6.8	5.0	2.4	-.2	-.4	.0	-1.2	-1.0	.4	.0	-2.0	-.8	.6	-.4	-.4	4.0	6.4	7.2	5.0	2.8	1.8
13	3.0	4.4	4.0	3.0	2.8	2.0	.0	-.6	-1.4	-1.6	4.4	2.4	1.2	-.6	-2.0	-2.0	-.4	-1.2	.0	4.2	8.8	8.0	6.0	6.0	2.1
14	4.4	4.0	2.0	2.0	2.0	1.0	.0	-.6	-1.6	-1.6	2.4	1.2	-1.6	-2.4	-2.2	-2.4	-2.0	-1.0	.6	3.0	5.0	4.0	2.0	.8	.8
15	.4	.6	1.2	.8	.0	-.8	-1.2	-1.2	.0	****	.2	1.8	.0	-.8	-.4	-.8	-1.2	-1.2	-1.2	-1.2	-.8	-.8	-.8	-.4	-.3
16	-.4	-1.0	.4	.4	-.2	-.4	-1.6	-1.4	-2.6	-4.0	-3.2	-1.8	-2.0	-2.2	-2.0	-1.8	-1.6	-1.4	-1.2	-1.6	-.8	.0	2.0	.6	-1.2
17	1.2	3.0	4.6	3.0	2.8	2.0	.0	-.8	-1.2	-1.2	-1.2	-1.6	-2.0	-2.0	-2.0	-1.6	-1.2	-1.2	1.6	4.0	8.0	9.2	9.6	6.0	1.7
18	9.0	9.4	8.8	7.6	7.2	4.0	.0	-.8	-1.2	-1.6	.0	.4	-1.6	-2.2	-.4	-1.6	-1.6	-1.4	-.2	.2	2.0	3.0	-.4	-.4	1.6
19	-.8	-.8	-.8	.0	.4	-.4	-.8	.2	2.0	3.0	-.4	-.4	-1.8	-3.0	-1.8	-.6	-.8	-.2	.6	1.8	1.4	.8	.8	.0	-.1
20	-.1	-.4	-.2	-.2	.0	-.2	.0	-.4	-.6	-.6	-.8	-.8	-.8	-.7	-.7	-.8	-.8	-.4	-.6	-.6	-.4	-.2	-.1	-.2	-.5
21	-.6	-.8	-.6	-.7	-.6	-.6	-.8	-.9	-.6	-1.2	-1.1	-1.4	-1.6	-.8	-.6	.4	1.0	.8	.0	1.6	3.6	4.6	6.4	8.0	.6
22	5.2	6.6	7.0	6.8	5.0	3.0	.8	-.8	-.2	.4	.4	.0	-1.2	-1.6	-1.2	1.6	2.0	1.2	2.8	5.2	7.0	7.6	6.0	6.6	3.0
23	4.0	3.0	2.4	1.4	.4	.2	.0	.4	1.2	3.6	5.0	2.6	1.4	.4	.6	.6	-.2	-1.0	.8	5.0	7.6	8.2	8.6	9.2	2.8
24	9.0	8.6	6.8	4.4	3.2	3.4	.8	.0	4.0	2.0	2.6	2.4	1.6	-.6	-1.6	1.2	.0	2.0	3.2	5.6	7.6	8.8	9.2	9.4	3.9
25	11.8	10.0	8.4	9.4	8.4	6.2	3.2	-.8	.6	1.6	1.6	1.2	-.8	-2.4	-1.8	-1.4	-1.4	-1.4	.8	3.0	4.6	4.0	5.0	7.2	3.2
26	6.4	5.4	5.4	2.6	2.6	1.2	-.1	-.7	-1.0	1.0	.7	1.6	1.6	1.6	.4	-.4	.0	-.6	-.6	-.2	-.4	.2	.0	-.1	.9
27	.1	2.2	3.2	3.4	1.6	-.2	-1.1	-1.4	-1.8	-1.8	-2.2	-3.4	-3.6	-3.2	-2.4	-2.2	-2.0	-1.8	-1.4	.4	.4	.2	5.2	7.8	-.1
28	8.0	5.6	4.2	.4	.0	2.2	.0	-1.0	-1.2	-1.0	-1.2	-1.2	-1.8	-.8	-.4	-.8	-.4	-1.0	-.6	.6	1.8	2.0	1.7	.8	.6
29	1.4	1.4	1.2	.4	1.8	.4	-.7	-1.0	-1.4	.0	.8	-.4	-1.0	-1.8	-2.8	-2.5	-1.0	.0	-.8	.4	2.2	-.8	-.5	.0	-.3
30	1.2	.8	.0	.4	.3	.1	-.4	-.7	-.8	-.7	-.3	-.5	-.6	-.5	-.4	-1.6	-1.7	-1.4	-.6	.4	.2	.1	.0	.5	-.3

VALIDATED DATA

DATE JUL 31 1980

NMP

OSWEGO AMBIENT AIR MONITORING

MONTHLY SUMMARY

00362

JG110*

NINE MILE LOWER (V)

TEMPERATURE (DEG F)

(IMPL)

DATA FOR JUNE 1980

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	50	49	48	47	47	47	46	46	46	46	46	48	48	49	49	49	49	48	48	48	48	48	49	50	48
02	50	52	51	50	50	51	53	53	50	61	58	58	61	61	62	62	62	60	58	58	58	58	59	59	57
03	54	54	54	53	54	55	56	52	52	53	52	52	53	52	52	52	51	53	52	51	51	50	50	51	52
04	50	50	49	49	49	48	48	49	49	50	50	53	50	53	56	53	52	50	49	48	47	47	49	50	50
05	48	48	48	47	47	47	49	49	****	54	55	56	56	57	58	59	59	60	59	54	50	50	50	51	53
06	50	51	52	51	52	54	55	62	64	67	69	70	75	73	73	74	75	71	66	64	64	63	62	64	64
07	62	62	61	61	63	63	64	56	54	55	55	58	60	61	60	62	68	68	66	66	65	65	66	64	61
08	65	65	66	65	64	64	50	53	51	50	50	50	50	50	49	50	50	51	51	49	49	50	50	49	54
09	48	48	48	48	48	48	48	50	50	52	50	52	54	52	51	55	54	56	56	54	53	52	52	51	51
10	50	50	50	50	49	48	48	50	50	50	50	51	50	51	51	52	52	52	52	52	51	51	51	51	50
11	51	51	51	51	51	49	50	50	50	50	50	51	52	54	53	54	54	52	54	53	54	54	54	53	52
12	52	52	47	45	43	46	52	55	56	56	58	58	60	62	64	64	64	65	65	58	57	56	56	56	56
13	57	55	54	54	54	55	58	62	66	71	66	68	70	72	74	74	76	76	74	70	67	66	65	60	65
14	62	62	63	63	62	64	65	69	72	75	72	73	75	77	78	80	80	78	74	70	68	69	68	67	70
15	65	66	65	66	66	62	62	60	59	60	60	62	63	63	63	62	60	65	64	64	64	64	64	63	60
16	64	64	62	62	62	62	63	63	64	65	64	64	64	65	66	66	66	66	66	66	66	65	63	64	64
17	64	60	68	68	69	69	62	64	65	66	66	66	66	63	69	68	66	68	68	66	65	65	65	64	65
18	64	64	63	62	62	63	63	62	65	70	68	68	68	70	70	70	65	60	59	60	60	60	60	60	61
19	68	67	68	64	65	65	60	69	****	63	67	64	61	61	60	63	65	67	70	66	65	65	65	66	61
20	61	62	63	64	64	63	62	62	62	60	62	61	60	60	68	63	63	63	60	60	60	60	60	60	62
21	60	60	60	60	69	69	69	69	60	60	62	63	64	66	68	68	68	68	68	68	68	68	68	68	66
22	64	61	60	61	62	64	66	64	62	60	60	61	62	62	62	62	62	62	64	66	66	64	62	60	62
23	61	62	61	60	68	67	64	62	63	66	63	66	66	67	68	69	73	70	70	68	68	68	68	68	67
24	64	64	64	62	60	62	64	63	66	70	70	69	68	70	72	71	72	73	73	70	68	68	68	68	68
25	68	68	68	68	69	68	64	63	70	68	68	70	70	72	72	72	70	70	70	68	68	68	68	68	69
26	66	65	65	65	64	63	65	70	74	74	74	75	72	74	75	77	75	74	73	72	69	68	64	64	70
27	60	58	58	58	60	61	60	60	62	62	62	62	62	62	61	63	62	62	62	59	60	58	52	49	60
28	48	50	51	54	52	50	54	55	58	56	55	56	60	56	52	53	54	56	56	54	52	52	51	50	54
29	50	50	51	52	52	53	54	57	60	60	60	62	63	65	65	65	66	66	64	63	61	56	56	66	59
30	55	54	55	55	55	54	55	56	55	54	54	56	55	56	56	58	59	58	56	57	56	56	56	55	56

VALIDATED DATA

DATE JUL 31 1980

NMPC

OSWEGO AMBIENT AIR MONITORING

MONTHLY SUMMARY-

0 0 3 6 2 T 5 2 8

JG110*

NINE MILE LO-CUP (V) WIND DIRECTION-CUP (DEG) (WDRC) DATA FOR JUNE 1980

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	250	250	250	250	270	255	250	255	280	280	270	250	250	250	255	260	270	330	270	90	90	95	90	70	250
02	85	120	90	90	90	90	110	150	240	330	240	250	260	310	330	30	250	250	250	190	150	130	190	210	250
03	250	240	230	150	270	80	270	360	270	300	280	265	260	255	250	250	240	240	240	240	250	275	280	240	240
04	260	310	325	320	305	205	305	350	5	360	350	335	330	300	295	250	265	270	275	250	240	240	350	330	350
05	150	120	350	140	120	120	****	****	****	300	285	285	280	265	255	250	250	250	245	150	125	145	145	115	120
06	130	125	145	155	110	125	125	125	130	145	140	135	145	135	145	155	165	145	125	145	105	105	115	120	145
07	130	120	150	250	250	255	240	285	255	255	245	245	255	275	275	175	110	125	125	120	125	130	135	125	125
08	150	175	160	160	195	240	250	255	260	255	255	250	260	260	265	265	270	280	280	270	270	275	295	290	260
09	290	290	290	300	305	295	260	205	185	175	170	185	150	245	250	250	245	240	250	250	265	215	255	275	250
10	265	265	270	270	270	190	255	250	270	270	275	275	270	270	265	255	260	260	245	250	265	270	260	255	270
11	265	260	260	265	265	270	280	290	290	295	285	285	275	265	265	250	225	170	240	255	260	270	265	265	265
12	290	295	130	160	155	150	165	195	275	285	295	305	305	295	255	285	285	275	270	120	135	130	135	145	295
13	155	150	155	155	155	155	165	170	175	150	255	275	235	325	25	50	55	70	95	95	115	130	210	230	155
14	205	165	185	180	130	175	150	185	180	230	300	300	315	5	50	50	30	50	35	120	155	220	245	240	50
15	230	230	200	215	245	245	245	245	250	255	270	285	230	45	50	25	25	30	25	40	25	45	105	300	25
16	315	305	360	30	25	25	30	20	330	330	310	305	290	265	265	265	260	260	260	260	260	235	225	230	260
17	235	200	185	180	200	195	240	250	250	255	260	270	270	270	270	270	275	290	300	120	130	145	155	150	270
18	155	160	165	170	170	165	175	175	180	230	250	275	310	335	355	45	20	350	55	85	115	170	210	235	165
19	275	260	290	360	45	35	40	30	360	345	335	360	15	20	40	55	55	60	105	110	125	140	150	145	360
20	165	220	165	135	125	135	205	210	215	210	215	225	240	235	235	230	245	260	275	285	295	305	265	280	135
21	285	290	285	285	280	280	275	260	250	260	260	255	255	250	245	250	255	250	235	200	155	150	135	100	250
22	170	125	135	145	160	175	150	195	245	260	275	290	290	275	290	295	295	290	30	95	105	130	145	155	290
23	150	155	150	155	120	155	270	240	280	315	275	270	275	295	305	20	15	10	105	115	130	150	150	155	150
24	160	170	180	200	135	135	190	235	250	255	260	255	260	250	260	310	25	355	220	150	170	225	150	85	260
25	140	115	95	115	140	160	170	205	245	245	260	265	265	260	265	265	265	235	240	220	135	165	135	150	265
26	180	185	180	180	180	185	195	200	210	250	245	250	275	275	250	240	235	235	225	240	250	235	245	260	250
27	330	125	175	165	210	245	270	20	45	25	30	30	25	10	310	310	300	290	305	20	35	40	95	15	20
28	110	100	85	65	70	125	105	105	90	175	115	105	125	250	40	75	85	85	85	95	80	90	90	80	85
29	120	125	150	105	90	140	150	125	160	265	345	330	335	15	30	40	35	45	50	95	60	30	75	95	30
30	120	165	225	285	295	310	290	295	250	250	230	250	250	255	255	245	245	240	240	255	240	235	235	225	240

VALIDATED DATA

DATE JUL [illegible] 1980

NMPC

OSWEGO AMBIENT AIR MONITORING

MONTHLY SUMMARY

0 0 3 6 2 1 5 2 9

JG110

NINE MILE UPPER (9) WIND DIRECTION (DEG) (WDRU) DATA FOR JUNE 1980

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	250	255	250	260	270	260	250	260	270	270	270	245	250	250	255	260	270	330	50	80	75	80	75	70	250
02	90	120	120	90	50	75	120	200	195	240	250	240	230	300	300	310	260	260	250	240	220	190	205	235	200
03	250	240	240	190	110	95	100	330	340	330	320	320	290	275	250	250	245	240	245	250	255	280	310	270	250
04	260	315	335	325	315	315	315	310	300	300	285	250	240	245	240	250	265	270	275	260	260	330	340	340	260
05	350	355	345	345	350	355	355	335	315	305	290	290	285	295	295	290	295	295	245	260	100	145	170	150	255
06	150	150	150	150	150	140	135	135	140	150	145	140	150	145	150	165	175	150	150	155	125	130	130	135	150
07	140	155	220	230	240	300	280	305	290	280	250	235	275	285	280	195	155	125	130	125	130	135	140	145	135
08	170	175	165	170	255	255	255	255	255	250	250	255	255	260	260	260	265	275	275	260	265	275	285	285	255
09	285	290	285	295	295	280	240	195	180	175	170	185	155	255	250	240	240	290	245	260	265	240	255	275	240
10	265	265	270	270	270	235	240	245	285	255	260	265	265	235	250	250	255	255	245	245	260	265	265	255	265
11	245	250	255	260	260	265	275	285	285	285	275	275	265	260	255	245	235	210	255	245	265	265	265	290	265
12	295	295	290	285	245	230	205	190	260	250	285	290	275	260	255	245	255	275	260	180	155	235	155	155	260
13	160	175	175	170	165	165	170	170	175	195	250	250	275	275	15	45	50	70	100	140	165	155	165	185	165
14	205	195	195	190	185	185	190	195	165	215	265	265	300	360	45	45	360	25	335	335	295	260	260	260	195
15	235	220	225	235	250	255	255	255	220	225	230	250	255	70	85	355	15	20	20	30	5	355	355	350	255
16	320	315	345	355	360	15	20	10	345	335	325	305	285	250	250	250	255	255	255	255	255	250	255	250	255
17	245	240	240	235	235	240	245	245	245	245	255	265	265	270	270	275	275	265	275	290	230	185	185	175	245
18	185	215	210	205	205	185	185	185	180	220	245	260	300	305	330	25	355	345	25	70	105	150	205	240	185
19	275	275	300	335	345	30	15	60	****	360	345	25	5	20	25	45	65	80	120	130	140	145	150	150	25
20	165	225	175	145	135	155	210	210	215	210	215	220	240	235	235	235	245	260	280	285	300	315	300	285	210
21	285	290	290	285	245	230	230	205	250	260	265	255	255	255	245	250	245	245	235	225	225	235	245	235	245
22	235	210	195	210	215	205	210	200	230	225	255	275	285	285	295	285	285	290	270	150	125	130	175	180	285
23	165	170	175	175	155	155	155	180	195	215	210	220	275	265	290	245	95	95	145	200	215	210	195	195	195
24	205	205	215	215	205	210	210	210	240	240	255	260	270	285	295	285	300	145	155	210	220	220	230	200	210
25	220	230	230	245	245	240	210	215	240	250	260	265	280	285	275	270	280	330	155	255	255	240	235	230	230
26	215	210	210	205	200	200	205	210	210	205	240	245	255	270	265	245	240	240	235	235	235	245	250	255	210
27	305	295	210	235	245	260	235	295	350	5	350	350	355	335	335	340	315	300	310	350	10	20	45	55	360
28	45	50	50	50	60	85	105	115	95	170	140	110	125	225	35	75	85	90	85	95	100	30	100	120	50
29	135	140	165	150	135	150	155	140	105	185	165	330	20	30	25	30	50	50	25	80	160	360	70	85	165
30	120	160	210	285	295	315	275	250	295	250	260	265	255	260	250	250	250	295	255	275	260	255	260	245	250

VALIDATED DATA

DATE JUL 31 1980

NMPC

USNC60 AMBIENT AIR MONITORING
MONTHLY SUMMARY

0 0 3 6 2 T 5 3 0

JG110*

NINE MILE LD-COP (V) WIND SPEED-COP (MPH) (WSPC) DATA FOR JUNE 1980

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	18	21	17	20	20	17	16	13	20	16	15	12	9	8	6	5	4	1	1	2	3	2	1	2	11
02	4	4	2	2	1	1	2	1	2	3	2	4	4	2	2	1	4	5	7	2	1	3	4	4	3
03	5	4	1	1	1	2	2	2	1	2	2	3	3	6	8	11	10	10	10	10	14	18	11	7	6
04	7	5	3	6	10	11	12	12	10	10	9	11	10	12	13	12	16	16	14	9	3	1	1	3	9
05	2	2	1	2	1	1	1	4	****	6	8	10	6	9	10	10	10	6	4	0	2	2	4	3	5
06	2	2	3	3	6	5	5	7	7	8	8	8	8	10	7	4	4	2	1	1	3	6	5	6	5
07	7	6	5	3	4	2	2	5	6	8	7	6	4	2	2	2	2	4	5	7	3	9	10	8	5
08	6	5	7	5	7	15	18	25	24	24	24	24	28	30	32	31	28	28	27	24	22	20	23	22	22
09	20	19	19	18	13	10	6	4	7	10	10	7	6	10	6	7	15	12	10	10	12	5	11	13	11
10	12	14	12	11	11	9	8	11	14	15	15	16	18	15	15	14	15	13	13	14	16	14	14	12	13
11	17	15	16	15	15	15	14	14	11	10	12	10	6	7	10	6	2	2	3	2	6	8	8	8	10
12	8	7	2	1	2	2	2	4	5	6	5	3	2	2	4	4	2	1	0	1	3	4	4	5	3
13	4	4	5	4	5	6	7	6	7	5	3	3	2	2	2	2	1	1	0	2	3	2	1	0	3
14	2	4	6	6	6	8	6	5	4	3	3	2	2	2	2	1	2	1	1	0	0	0	3	4	3
15	4	4	4	5	7	7	9	6	4	4	4	2	1	1	1	1	5	5	4	4	4	3	2	2	4
16	6	8	2	2	4	3	4	3	2	2	4	7	8	10	12	12	12	12	11	10	9	4	3	4	7
17	5	3	2	2	5	4	10	12	10	10	10	9	7	6	6	4	2	1	1	0	1	3	5	4	5
18	4	4	4	4	5	5	7	6	6	5	7	4	2	2	4	2	2	2	2	3	2	2	2	2	4
19	4	2	2	0	0	0	1	2	4	2	2	3	4	3	3	4	2	1	4	3	4	6	7	8	3
20	8	6	4	3	3	7	8	7	6	7	7	5	4	4	10	10	14	22	20	16	12	6	8	12	9
21	18	13	16	16	14	13	11	10	12	12	8	8	8	8	6	8	7	7	5	3	4	1	1	1	9
22	2	2	4	3	3	4	4	4	4	3	3	2	2	2	2	1	1	0	0	0	2	2	3	4	2
23	2	4	4	3	2	0	1	2	1	1	1	1	2	2	1	1	1	0	0	0	2	3	3	4	2
24	4	4	5	3	1	4	4	2	1	4	5	4	4	1	1	1	0	0	0	0	1	0	0	0	2
25	0	0	0	0	1	2	3	3	5	4	3	3	2	2	2	2	2	0	0	0	0	1	1	2	2
26	3	4	3	3	5	6	6	5	5	4	5	5	4	4	3	4	4	5	7	10	8	6	7	6	5
27	0	1	2	2	2	3	4	2	2	3	4	3	4	2	3	2	3	7	5	1	2	2	1	1	3
28	1	1	1	3	2	1	1	3	2	1	1	4	5	1	1	2	3	4	2	1	0	1	1	1	2
29	4	4	3	2	2	2	4	3	4	2	2	2	4	4	4	3	2	2	1	2	2	5	3	4	3
30	4	5	6	10	11	8	3	6	9	8	6	8	10	12	10	8	8	10	6	7	5	5	5	4	7

VALIDATED DATA
DATE JUL 31 1980

NMPC

JG110*

NINE MILE UPPER (9) WIND SPEED (MPH) (WSPD) DATA FOR JUNE 1980

HOUR ENDING / DAY	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
01	30	30	26	28	29	29	20	23	28	26	21	15	13	12	9	7	6	3	4	7	10	10	9	10	17
02	14	12	9	6	6	6	5	8	10	5	8	12	7	5	7	4	10	13	15	10	9	10	14	13	9
03	14	9	5	3	2	5	7	5	10	3	9	8	7	10	14	16	15	17	17	13	29	30	29	14	12
04	13	16	28	29	29	28	25	24	19	16	15	15	17	20	22	21	26	26	24	15	10	12	23	27	21
05	24	26	22	23	19	15	10	9	11	11	11	11	8	12	14	14	13	10	7	3	10	9	12	15	13
06	16	17	15	13	13	13	14	15	16	16	17	15	13	21	15	13	12	11	10	11	14	15	15	18	15
07	18	14	10	7	5	4	6	15	12	15	14	11	7	5	7	5	6	12	15	14	21	22	22	19	12
08	17	20	19	15	16	32	32	33	33	39	39	38	40	42	42	40	37	37	35	32	26	27	31	29	32
09	23	23	22	21	15	12	9	3	13	17	18	12	5	15	10	12	22	20	25	23	19	13	17	19	17
10	16	18	17	13	13	3	14	15	17	13	19	19	21	18	17	17	13	16	16	14	14	18	16	15	17
11	18	15	16	15	14	14	13	14	13	11	13	11	9	9	12	9	5	6	7	7	9	11	11	12	11
12	12	11	8	7	8	8	7	5	8	9	9	4	4	7	7	8	8	6	6	1	1	12	18	18	8
13	19	20	20	20	21	19	19	17	11	9	11	11	9	5	5	5	5	5	5	7	9	14	14	7	12
14	13	19	21	21	20	17	17	12	7	5	8	5	8	4	5	3	3	4	5	4	6	6	13	14	10
15	14	13	15	14	17	14	14	11	6	6	7	9	3	3	7	15	28	23	25	23	20	23	22	19	15
16	20	17	19	17	19	19	15	15	11	13	12	11	11	13	15	15	16	16	15	15	13	11	11	12	15
17	13	11	11	11	13	14	18	17	14	14	13	12	11	10	9	8	6	3	2	0	1	8	12	14	10
18	14	12	12	15	17	17	16	12	11	11	11	11	9	6	5	7	10	19	17	13	11	3	7	7	12
19	8	4	3	2	4	6	5	5	****	5	5	5	9	10	11	11	9	9	13	14	17	19	20	22	9
20	21	15	14	15	21	17	15	15	15	15	13	13	17	15	19	17	17	23	28	24	18	16	15	19	17
21	24	28	24	22	20	17	15	14	18	17	13	11	12	13	13	14	13	12	11	10	11	9	8	7	15
22	9	9	10	10	11	12	11	9	7	11	8	8	8	6	3	4	6	5	1	2	5	7	7	13	8
23	16	17	16	15	11	7	3	3	5	3	5	3	11	7	5	0	4	1	1	1	7	8	8	12	7
24	13	15	18	16	12	15	14	8	5	8	9	11	11	8	7	3	2	0	1	2	7	10	9	7	9
25	10	11	7	7	7	8	9	8	9	13	11	11	9	6	6	7	5	2	1	4	5	7	6	8	7
26	13	17	13	17	13	13	15	12	9	9	11	14	12	13	11	11	11	14	19	19	17	15	16	14	14
27	5	2	6	8	10	9	8	10	21	20	23	22	20	17	11	3	7	11	13	13	15	10	7	5	12
28	5	7	10	14	11	5	6	7	5	3	3	10	11	5	9	9	11	12	10	10	8	12	11	9	9
29	17	18	13	8	6	9	12	7	9	5	5	7	9	10	13	11	5	9	13	10	20	30	15	18	12
30	14	16	17	19	20	17	9	13	16	13	13	15		19	18	15	15	18	15	17	11	13	12	12	15

VALIDATED DATA

DATE JUL 31 1980

NMPC