

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

-----JG120

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

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

STABILITY CLASS: PASQUILL STABILITY CATEGORIES - DEGC/100M

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

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

SIXTEEN WIND DIRECTION CATEGORIES - 22.5 DEG

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

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

8109080069 810824
 PDR ADUCK 05000333
 PDR

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JULY 1 1980 THROUGH SEPT 30 1980

JG120*

STABILITY CLASS - A

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

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.1 (1)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.3 (6)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.1 (2)
NE	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (4)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)
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)	0.0 (0)	0.0 (0)	0.1 (1)
SE	0.0 (0)	0.1 (1)	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.2 (4)
SSE	0.0 (0)	0.1 (1)	0.6 (12)	0.2 (3)	0.0 (0)	0.0 (0)	0.8 (16)
S	0.0 (0)	0.1 (1)	0.3 (6)	0.2 (3)	0.0 (0)	0.1 (1)	0.6 (11)
SSW	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.1 (2)	0.3 (6)	0.0 (0)	0.0 (0)	0.4 (8)
W	0.1 (2)	0.3 (6)	0.3 (6)	0.1 (1)	0.1 (1)	0.2 (3)	1.0 (19)
WNW	0.1 (1)	0.2 (3)	0.1 (1)	0.4 (7)	0.3 (5)	0.5 (10)	1.4 (27)
NW	0.0 (0)	0.5 (9)	0.0 (0)	0.2 (4)	0.1 (2)	0.2 (4)	1.0 (19)
NNW	0.0 (0)	0.4 (7)	0.2 (3)	0.0 (0)	0.1 (1)	0.0 (0)	0.6 (11)
TOTAL	0.2 (3)	1.7 (34)	1.7 (34)	1.6 (31)	0.5 (9)	1.0 (20)	6.7 (131)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 157

NUMBER OF MISSING WIND OBSERVATIONS: 26

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JULY 1 1980 THROUGH SEPT 30 1980

JG120*

STABILITY CLASS - B

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

DIR	00-03	04-07	08-12	SPEED (MPH) 13-18	19-23	>24	TOTAL
N	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NNE	0.0 (0)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
NE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
ENE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	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)	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
SE	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
SSE	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
S	0.0 (0)	0.0 (0)	0.2 (4)	0.3 (5)	0.0 (0)	0.0 (0)	0.5 (9)
SSW	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
WSW	0.0 (0)	0.0 (0)	0.3 (5)	0.2 (4)	0.0 (0)	0.0 (0)	0.5 (9)
W	0.0 (0)	0.1 (2)	0.4 (7)	0.3 (6)	0.0 (0)	0.2 (3)	0.9 (18)
WNW	0.0 (0)	0.1 (2)	0.1 (2)	0.1 (2)	0.1 (1)	0.0 (0)	0.4 (7)
NW	0.0 (0)	0.1 (1)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (4)
NNW	0.0 (0)	0.0 (0)	0.2 (4)	0.1 (2)	0.1 (1)	0.1 (1)	0.4 (8)
TOTAL	0.0 (0)	0.6 (11)	1.5 (29)	1.2 (24)	0.1 (2)	0.3 (5)	3.6 (71)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 74

NUMBER OF MISSING WIND OBSERVATIONS: 3

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JULY 1 1980 THROUGH SEPT 30 1980

JG120*

STABILITY CLASS - C

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

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.1 (1)	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)	0.1 (1)	0.0 (0)	0.0 (0)	0.1 (2)
NE	0.0 (0)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
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)	0.1 (1)	0.1 (1)
ESE	0.0 (0)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
SE	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
SSE	0.0 (0)	0.1 (1)	0.1 (2)	0.3 (5)	0.0 (0)	0.0 (0)	0.4 (8)
S	0.0 (0)	0.0 (0)	0.1 (1)	0.3 (5)	0.0 (0)	0.0 (0)	0.3 (6)
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)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
WSW	0.0 (0)	0.0 (0)	0.3 (5)	0.3 (5)	0.0 (0)	0.2 (3)	0.7 (13)
W	0.0 (0)	0.4 (7)	0.3 (6)	0.6 (12)	0.3 (6)	0.2 (3)	1.7 (34)
WNW	0.1 (1)	0.3 (5)	0.5 (9)	0.1 (2)	0.0 (0)	0.1 (2)	1.0 (19)
NW	0.1 (1)	0.1 (1)	0.1 (1)	0.1 (1)	0.1 (2)	0.0 (0)	0.3 (6)
NNW	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
TOTAL	0.1 (2)	1.1 (22)	1.5 (30)	1.7 (33)	0.4 (8)	0.5 (9)	5.3 (104)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 111

NUMBER OF MISSING WIND OBSERVATIONS: 7

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JULY 1 1980 THROUGH SEPT 30 1980

----- JG120

STABILITY CLASS - D

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

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (2)	0.1 (2)	0.1 (2)	0.2 (3)	0.1 (1)	0.2 (4)	0.7 (14)
NNE	0.1 (1)	0.1 (2)	0.1 (1)	0.6 (12)	0.3 (6)	0.1 (2)	1.2 (24)
NE	0.1 (2)	0.3 (5)	0.1 (2)	0.1 (2)	0.1 (1)	0.2 (4)	0.8 (16)
ENE	0.1 (2)	0.3 (6)	0.1 (1)	0.1 (1)	0.0 (0)	0.1 (2)	0.6 (12)
E	0.0 (0)	0.1 (2)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.2 (4)
ESE	0.0 (0)	0.2 (3)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (7)
SE	0.1 (1)	0.2 (4)	0.3 (6)	0.6 (12)	0.3 (5)	0.0 (0)	1.4 (28)
SSE	0.1 (2)	0.3 (5)	0.4 (7)	0.5 (10)	0.0 (0)	0.0 (0)	1.2 (24)
S	0.2 (3)	0.4 (7)	0.5 (10)	1.0 (19)	0.2 (3)	0.2 (3)	2.3 (45)
SSW	0.0 (0)	0.3 (6)	0.3 (6)	0.1 (1)	0.0 (0)	0.0 (0)	0.7 (13)
SW	0.1 (1)	0.3 (6)	0.4 (7)	0.4 (7)	0.2 (3)	0.0 (0)	1.2 (24)
WSW	0.2 (4)	0.4 (8)	1.4 (27)	1.5 (30)	0.2 (3)	0.1 (2)	3.8 (74)
W	0.2 (4)	0.9 (17)	1.8 (35)	2.2 (44)	1.0 (19)	0.9 (18)	7.0 (137)
WNW	0.2 (3)	0.4 (7)	0.4 (7)	1.0 (19)	0.8 (15)	0.4 (7)	3.0 (58)
NW	0.1 (1)	0.2 (4)	0.1 (1)	0.5 (10)	0.0 (0)	0.4 (7)	1.2 (23)
NNW	0.1 (1)	0.0 (0)	0.1 (2)	0.1 (1)	0.3 (6)	0.1 (2)	0.6 (12)
TOTAL	1.4 (27)	4.3 (84)	6.0 (118)	8.8 (173)	3.2 (62)	2.6 (51)	26.3 (515)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 550

NUMBER OF MISSING WIND OBSERVATIONS: 35

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JULY 1 1980 THROUGH SEPT 30 1980

JG120*

STABILITY CLASS - E

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

DIR	00-03	04-07	08-12	SPEED (MPH) 13-18	19-23	>24	TOTAL
N	0.1 (1)	0.0 (0)	0.1 (2)	0.3 (5)	0.2 (3)	0.1 (2)	0.7 (13)
NNE	0.0 (0)	0.2 (3)	0.3 (6)	0.7 (14)	0.3 (6)	0.1 (1)	1.5 (30)
NE	0.0 (0)	0.2 (3)	0.6 (11)	0.6 (12)	0.2 (4)	0.1 (2)	1.6 (32)
ENE	0.1 (1)	0.2 (3)	0.4 (7)	0.2 (4)	0.0 (0)	0.0 (0)	0.8 (15)
E	0.2 (3)	0.4 (8)	0.3 (5)	0.3 (5)	0.1 (1)	0.1 (1)	1.2 (23)
ESE	0.0 (0)	0.1 (2)	0.2 (3)	0.5 (9)	0.2 (3)	0.1 (2)	1.0 (19)
SE	0.1 (1)	0.3 (6)	0.5 (9)	2.2 (44)	0.5 (10)	0.1 (1)	3.6 (71)
SSE	0.1 (1)	0.2 (4)	0.3 (6)	1.8 (35)	0.5 (9)	0.3 (6)	3.1 (61)
S	0.1 (1)	0.4 (7)	0.5 (10)	3.0 (59)	0.5 (10)	0.1 (2)	4.5 (89)
SSW	0.2 (3)	0.3 (6)	1.0 (19)	1.4 (27)	0.1 (1)	0.0 (0)	2.9 (56)
SW	0.1 (1)	0.3 (6)	0.8 (16)	1.9 (37)	0.2 (3)	0.1 (2)	3.3 (65)
WSW	0.2 (3)	0.3 (5)	1.2 (24)	1.7 (34)	0.5 (9)	0.4 (7)	4.2 (82)
W	0.2 (4)	0.6 (11)	0.7 (14)	1.1 (22)	0.3 (6)	0.4 (8)	3.3 (65)
WNW	0.2 (3)	0.1 (2)	0.2 (4)	0.2 (4)	0.3 (5)	0.2 (3)	1.1 (21)
NW	0.0 (0)	0.1 (1)	0.1 (1)	0.1 (1)	0.2 (3)	0.1 (2)	0.4 (8)
NNW	0.0 (0)	0.1 (1)	0.2 (3)	0.2 (4)	0.0 (0)	0.3 (5)	0.7 (13)
TOTAL	1.1 (22)	3.5 (68)	7.2 (140)	16.1 (316)	3.7 (73)	2.2 (44)	33.9 (663)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 699

NUMBER OF MISSING WIND OBSERVATIONS: 36

NUMBER OF CALM HOURS: 3

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JULY 1 1980 THROUGH SEPT 30 1980

----- J0120

STABILITY CLASS - F

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

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.1 (1)	0.1 (2)	0.1 (2)	0.2 (3)	0.0 (0)	0.4 (8)
NNE	0.1 (1)	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.2 (3)
NE	0.0 (0)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
ENE	0.1 (2)	0.4 (7)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.5 (10)
E	0.1 (2)	0.4 (7)	0.4 (7)	0.1 (2)	0.0 (0)	0.0 (0)	0.9 (18)
ESE	0.1 (2)	0.1 (2)	0.3 (6)	0.3 (5)	0.0 (0)	0.0 (0)	0.8 (15)
SE	0.2 (4)	0.2 (4)	0.3 (6)	0.8 (15)	0.0 (0)	0.0 (0)	1.5 (29)
SSE	0.1 (2)	0.1 (2)	0.1 (2)	0.7 (13)	0.1 (2)	0.0 (0)	1.1 (21)
S	0.2 (3)	0.1 (1)	0.6 (11)	1.4 (28)	0.1 (1)	0.0 (0)	2.2 (44)
SSW	0.1 (2)	0.2 (4)	0.3 (6)	0.7 (14)	0.1 (1)	0.0 (0)	1.4 (27)
SW	0.0 (0)	0.2 (3)	0.5 (9)	0.9 (18)	0.1 (1)	0.0 (0)	1.6 (31)
WSW	0.2 (3)	0.3 (5)	0.6 (12)	0.5 (9)	0.1 (2)	0.0 (0)	1.6 (31)
W	0.0 (0)	0.1 (1)	0.3 (6)	0.1 (2)	0.0 (0)	0.2 (3)	0.6 (12)
WNW	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)	0.2 (3)
NW	0.0 (0)	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
NNW	0.1 (2)	0.1 (1)	0.2 (4)	0.2 (3)	0.0 (0)	0.0 (0)	0.5 (10)
TOTAL	1.2 (23)	2.2 (44)	3.8 (74)	5.7 (112)	0.5 (10)	0.2 (4)	13.6 (267)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 294

NUMBER OF MISSING WIND OBSERVATIONS: 27

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JULY 1 1980 THROUGH SEPT 30 1980

X----- JG120*

STABILITY CLASS - G

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

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (1)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (3)
NNE	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (1)
NE	0.1 (1)	0.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (2)
ENE	0.1 (1)	0.0 (0)	0.3 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
E	0.1 (1)	0.1 (1)	0.4 (7)	0.1 (1)	0.0 (0)	0.0 (0)	0.5 (10)
ESE	0.1 (2)	0.2 (3)	0.1 (1)	0.2 (3)	0.0 (0)	0.0 (0)	0.5 (9)
SE	0.2 (4)	0.4 (8)	0.3 (6)	0.4 (7)	0.0 (0)	0.0 (0)	1.3 (25)
SSE	0.1 (2)	0.3 (5)	0.3 (5)	0.3 (6)	0.1 (2)	0.0 (0)	1.0 (20)
S	0.2 (4)	0.5 (10)	0.7 (13)	0.5 (10)	0.1 (1)	0.0 (0)	1.9 (38)
SSW	0.3 (6)	0.2 (4)	0.3 (6)	0.2 (4)	0.0 (0)	0.0 (0)	1.0 (20)
SW	0.1 (1)	0.1 (2)	0.2 (4)	0.7 (13)	0.0 (0)	0.0 (0)	1.0 (20)
WSW	0.1 (2)	0.4 (8)	0.7 (14)	0.3 (5)	0.0 (0)	0.0 (0)	1.5 (29)
W	0.2 (3)	0.4 (7)	0.2 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.7 (13)
WNW	0.0 (0)	0.2 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (5)
NW	0.1 (1)	0.1 (1)	0.1 (2)	0.1 (1)	0.0 (0)	0.0 (0)	0.3 (5)
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)	2.7 (53)	3.6 (70)	2.6 (50)	0.2 (3)	0.0 (0)	10.6 (207)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 222

NUMBER OF MISSING WIND OBSERVATIONS: 15

NUMBER OF CALM HOURS: 3

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JULY 1 1980 THROUGH SEPT 30 1980

JG120*

STABILITY CLASS - ALL

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

DIR	00-03	04-07	08-12	SPEED (MPH) 13-18	19-23	>24	TOTAL
N	0.2 (4)	0.4 (8)	0.6 (11)	0.6 (12)	0.4 (7)	0.3 (6)	2.5 (48)
NNE	0.2 (3)	0.3 (6)	0.5 (9)	1.6 (31)	0.6 (12)	0.2 (3)	3.3 (64)
NE	0.2 (3)	0.9 (17)	0.7 (14)	0.7 (14)	0.3 (5)	0.4 (7)	3.1 (60)
ENE	0.3 (6)	0.8 (16)	0.8 (15)	0.3 (5)	0.0 (0)	0.2 (4)	2.3 (46)
E	0.3 (6)	1.0 (19)	1.0 (19)	0.5 (10)	0.1 (1)	0.1 (2)	2.9 (57)
ESE	0.2 (4)	0.6 (12)	0.8 (16)	0.9 (18)	0.2 (3)	0.1 (2)	2.8 (55)
SE	0.5 (10)	1.2 (24)	1.5 (30)	4.2 (83)	0.8 (15)	0.1 (1)	8.3 (163)
SSE	0.4 (7)	1.0 (19)	1.8 (35)	3.7 (73)	0.7 (13)	0.3 (6)	7.8 (153)
S	0.6 (11)	1.3 (26)	2.8 (55)	6.6 (129)	0.8 (15)	0.3 (6)	12.4 (242)
SSW	0.6 (11)	1.1 (22)	2.0 (39)	2.3 (46)	0.1 (2)	0.0 (0)	6.1 (120)
SW	0.2 (3)	0.9 (18)	1.8 (36)	3.8 (75)	0.4 (7)	0.1 (2)	7.2 (141)
WSW	0.6 (12)	1.3 (26)	4.5 (89)	4.7 (93)	0.7 (14)	0.6 (12)	12.6 (246)
W	0.7 (13)	2.6 (51)	3.9 (77)	4.4 (87)	1.6 (32)	1.9 (38)	17.2 (298)
WNW	0.4 (8)	1.2 (24)	1.3 (25)	1.7 (34)	1.3 (26)	1.2 (23)	7.2 (140)
NW	0.2 (3)	0.9 (18)	0.4 (8)	0.9 (18)	0.4 (7)	0.7 (13)	3.4 (67)
NNW	0.2 (4)	0.5 (10)	0.9 (17)	0.6 (11)	0.4 (8)	0.4 (8)	3.0 (58)
TOTAL	5.5 (108)	16.1 (316)	25.3 (495)	37.7 (739)	8.5 (167)	6.8 (133)	100.0 (1958)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2107

NUMBER OF MISSING WIND OBSERVATIONS: 149

NUMBER OF CALM HOURS: 8

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR JULY 1 1980 THROUGH SEPT 30 1980

----- JG120

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

DIR	00-03	04-07	08-12	SPEED (MPH) 13-18	19-23	>24	TOTAL
N	0.2 (4)	0.4 (8)	0.5 (11)	0.6 (12)	0.3 (7)	0.3 (6)	2.4 (48)
NNE	0.1 (3)	0.3 (6)	0.4 (9)	1.5 (31)	0.6 (12)	0.1 (3)	3.1 (64)
NE	0.1 (3)	0.8 (17)	0.7 (14)	0.7 (14)	0.2 (5)	0.3 (7)	3.0 (60)
ENE	0.3 (6)	0.8 (16)	0.7 (15)	0.2 (5)	0.0 (0)	0.2 (4)	2.3 (46)
E	0.3 (6)	0.9 (19)	0.9 (19)	0.5 (10)	0.0 (1)	0.1 (2)	2.8 (57)
ESE	0.2 (4)	0.6 (12)	0.8 (16)	0.9 (18)	0.1 (3)	0.1 (2)	2.7 (55)
SE	0.5 (10)	1.2 (24)	1.5 (30)	4.2 (86)	0.8 (16)	0.0 (1)	8.2 (167)
SSE	0.3 (7)	0.9 (19)	1.9 (38)	4.2 (86)	0.6 (13)	0.3 (6)	8.3 (169)
S	0.5 (11)	1.3 (26)	2.7 (55)	6.4 (130)	0.7 (15)	0.3 (7)	12.0 (244)
SSW	0.5 (11)	1.1 (22)	2.0 (40)	2.3 (47)	0.1 (2)	0.0 (0)	6.0 (122)
SW	0.1 (3)	0.9 (18)	2.2 (44)	3.8 (77)	0.3 (7)	0.1 (2)	7.4 (151)
WSW	0.6 (12)	1.4 (29)	4.6 (93)	4.7 (95)	0.7 (15)	0.6 (12)	12.6 (256)
W	0.6 (13)	2.6 (52)	4.4 (90)	4.7 (96)	1.7 (35)	1.9 (39)	16.0 (325)
WNW	0.4 (8)	1.2 (25)	1.2 (25)	1.7 (35)	1.3 (26)	1.1 (23)	7.0 (142)
NW	0.1 (3)	0.9 (18)	0.4 (8)	0.9 (18)	0.3 (7)	0.6 (13)	3.3 (67)
NNW	0.2 (4)	0.5 (10)	0.9 (18)	0.5 (11)	0.4 (8)	0.4 (8)	2.9 (59)
TOTAL	5.3 (108)	15.8 (321)	25.8 (525)	37.9 (771)	8.5 (172)	6.6 (135)	100.0 (2032)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2208

NUMBER OF MISSING WIND OBSERVATIONS: 176

NUMBER OF CALM HOURS: 8

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

-----JG120

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

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

STABILITY CLASS: PASQUILL STABILITY CATEGORIES - DEGC/100M

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

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

SIXTEEN WIND DIRECTION CATEGORIES - 22.5 DEG

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

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

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR OCT 1 1980 THROUGH DEC 31 1980

JG120*

STABILITY CLASS - A

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

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (1)	0.0 (1)	0.2 (5)	0.4 (8)	0.1 (3)	0.4 (8)	1.3 (26)
NNE	0.0 (0)	0.1 (3)	0.0 (0)	0.2 (5)	0.2 (4)	0.2 (4)	0.8 (16)
NE	0.1 (2)	0.1 (2)	0.3 (6)	0.0 (1)	0.0 (1)	0.1 (2)	0.7 (14)
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)	0.2 (5)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (7)
ESE	0.0 (0)	0.1 (3)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (5)
SE	0.0 (0)	0.0 (1)	0.3 (7)	0.0 (1)	0.0 (0)	0.0 (0)	0.4 (9)
SSE	0.0 (0)	0.0 (0)	0.2 (4)	0.1 (2)	0.1 (3)	0.0 (0)	0.4 (9)
S	0.0 (0)	0.0 (0)	0.5 (10)	0.3 (6)	0.1 (2)	0.0 (1)	0.9 (19)
SSW	0.0 (0)	0.0 (0)	0.1 (2)	0.2 (4)	0.0 (0)	0.0 (0)	0.3 (6)
SW	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (3)	0.0 (0)	0.0 (0)	0.2 (5)
WSW	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (2)
W	0.0 (1)	0.1 (2)	0.0 (1)	0.3 (6)	0.3 (6)	0.2 (4)	1.0 (20)
WNW	0.0 (0)	0.0 (1)	0.2 (4)	0.0 (1)	0.3 (6)	1.7 (35)	2.3 (47)
NW	0.0 (0)	0.0 (1)	0.7 (15)	0.5 (11)	0.2 (5)	1.5 (32)	3.1 (64)
NNW	0.0 (0)	0.1 (2)	0.7 (14)	0.4 (9)	0.1 (3)	1.0 (20)	2.3 (48)
TOTAL	0.2 (4)	1.0 (21)	3.6 (75)	2.8 (58)	1.6 (33)	5.1 (106)	14.3 (297)

FOR STABILITY CLASS - A

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 309

NUMBER OF MISSING WIND OBSERVATIONS: 12

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR OCT 1 1980 THROUGH DEC 31 1980

JG120*

STABILITY CLASS - B

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

DIR	0-3	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)	0.1 (2)
NNE	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (3)	0.2 (4)
NE	0.0 (0)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (0)	0.2 (5)
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)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)
ESE	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
SE	0.0 (0)	0.0 (0)	0.0 (1)	0.2 (4)	0.0 (0)	0.0 (1)	0.3 (6)
SSE	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (0)	0.1 (3)
S	0.0 (0)	0.0 (1)	0.1 (3)	0.1 (3)	0.0 (0)	0.0 (0)	0.3 (7)
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)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (1)
WSW	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)	0.1 (3)	0.0 (0)	0.3 (6)
W	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (1)
WNW	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.2 (5)	0.3 (7)
NW	0.0 (0)	0.0 (1)	0.0 (1)	0.4 (9)	0.0 (0)	0.3 (6)	0.8 (17)
NNW	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (1)	0.1 (2)	0.1 (3)	0.4 (8)
TOTAL	0.1 (2)	0.4 (9)	0.7 (14)	1.0 (21)	0.3 (7)	1.0 (20)	3.5 (73)

FOR STABILITY CLASS - B

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 79

NUMBER OF MISSING WIND OBSERVATIONS: 6

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR OCT 1 1980 THROUGH DEC 31 1980

JG120*

STABILITY CLASS - C

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

DIR	00-03	04-07	08-12	SPEED (MPH) 13-18	19-23	>24	TOTAL
N	0.0 (0)	0.0 (0)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (1)	0.2 (4)
NNE	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (1)
NE	0.1 (2)	0.0 (1)	0.0 (0)	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)	0.1 (2)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.3 (6)
ESE	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (0)	0.1 (3)
SE	0.0 (0)	0.0 (0)	0.1 (3)	0.0 (1)	0.0 (1)	0.0 (1)	0.3 (6)
SSE	0.0 (0)	0.0 (1)	0.1 (2)	0.1 (2)	0.0 (1)	0.0 (0)	0.3 (6)
S	0.0 (0)	0.0 (0)	0.1 (2)	0.2 (4)	0.0 (0)	0.0 (0)	0.3 (6)
SSW	0.0 (1)	0.0 (0)	0.1 (3)	0.0 (1)	0.0 (0)	0.0 (0)	0.2 (5)
SW	0.0 (0)	0.0 (0)	0.1 (2)	0.1 (3)	0.0 (0)	0.0 (0)	0.2 (5)
WSW	0.0 (0)	0.0 (0)	0.2 (4)	0.0 (1)	0.1 (2)	0.1 (2)	0.4 (9)
W	0.0 (0)	0.0 (1)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (1)	0.2 (4)
WNW	0.0 (1)	0.0 (1)	0.0 (1)	0.1 (2)	0.1 (3)	0.4 (8)	0.8 (16)
NW	0.0 (1)	0.0 (1)	0.0 (0)	0.2 (4)	0.1 (3)	0.5 (11)	1.0 (20)
NNW	0.0 (0)	0.0 (0)	0.0 (1)	0.2 (4)	0.0 (1)	0.0 (1)	0.3 (7)
TOTAL	0.2 (5)	0.4 (8)	1.1 (23)	1.3 (27)	0.6 (13)	1.2 (25)	4.9 (101)

FOR STABILITY CLASS - C

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 116

NUMBER OF MISSING WIND OBSERVATIONS: 15

NUMBER OF CALM HOURS: 0

NIAGARA MO 4WK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR OCT 1 1980 THROUGH DEC 31 1980

JG120*

STABILITY CLASS - D

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

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (1)	0.1 (2)	0.3 (7)	0.5 (10)	0.1 (3)	0.0 (1)	1.2 (24)
NNE	0.0 (0)	0.0 (1)	0.3 (6)	0.7 (15)	0.6 (13)	0.1 (3)	1.8 (38)
NE	0.0 (1)	0.0 (1)	0.2 (5)	0.2 (5)	0.1 (3)	0.0 (1)	0.8 (16)
ENE	0.1 (2)	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (8)
E	0.0 (1)	0.3 (6)	0.2 (5)	0.1 (2)	0.0 (0)	0.0 (0)	0.7 (14)
ESE	0.0 (1)	0.2 (5)	0.4 (8)	0.1 (3)	0.0 (0)	0.0 (1)	0.9 (18)
SE	0.0 (1)	0.4 (8)	0.5 (10)	0.6 (12)	0.1 (3)	0.1 (2)	1.7 (36)
SSE	0.0 (0)	0.4 (8)	0.7 (14)	0.7 (15)	0.4 (8)	0.1 (3)	2.3 (48)
S	0.1 (3)	0.1 (3)	0.9 (18)	0.9 (19)	0.3 (6)	0.0 (0)	2.4 (49)
SSW	0.0 (0)	0.2 (4)	0.6 (12)	0.6 (12)	0.0 (1)	0.0 (0)	1.4 (29)
SW	0.0 (1)	0.2 (4)	0.9 (18)	0.9 (18)	0.5 (11)	0.2 (4)	2.7 (56)
WSW	0.0 (1)	0.1 (3)	0.3 (6)	0.7 (15)	0.1 (3)	1.0 (20)	2.3 (48)
W	0.0 (1)	0.3 (6)	0.6 (12)	1.0 (20)	1.2 (25)	2.5 (51)	5.5 (115)
WNW	0.0 (1)	0.0 (1)	0.7 (14)	1.3 (28)	1.0 (20)	1.5 (32)	4.6 (96)
NW	0.0 (0)	0.2 (4)	0.4 (8)	1.7 (36)	2.1 (43)	1.3 (26)	5.6 (117)
NNW	0.0 (1)	0.0 (0)	0.4 (9)	0.7 (14)	0.3 (7)	0.1 (2)	1.6 (33)
TOTAL	0.7 (15)	2.9 (60)	7.4 (154)	10.8 (224)	7.0 (146)	7.0 (146)	35.8 (745)

FOR STABILITY CLASS - D

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 795

NUMBER OF MISSING WIND OBSERVATIONS: 50

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR OCT 1 1980 THROUGH DEC 31 1980

----- JG120

STABILITY CLASS - E

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

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.0 (0)	0.0 (0)	0.6 (13)	0.1 (3)	0.0 (1)	0.0 (0)	0.8 (17)
NNE	0.0 (0)	0.1 (3)	0.3 (6)	0.0 (1)	0.0 (0)	0.0 (0)	0.5 (10)
NE	0.0 (1)	0.0 (0)	0.2 (4)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (5)
ENE	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.1 (3)
E	0.1 (2)	0.1 (3)	0.1 (2)	0.2 (4)	0.0 (0)	0.0 (0)	0.5 (11)
ESE	0.0 (1)	0.1 (2)	0.6 (13)	0.5 (11)	0.0 (0)	0.0 (1)	1.3 (28)
SE	0.0 (0)	0.2 (5)	1.3 (27)	1.8 (37)	0.2 (5)	0.2 (4)	3.8 (78)
SSE	0.0 (1)	0.3 (6)	0.9 (19)	2.8 (58)	0.9 (19)	0.4 (8)	5.3 (111)
S	0.1 (3)	0.3 (6)	1.7 (36)	3.3 (69)	0.7 (15)	0.0 (1)	6.3 (130)
SSW	0.0 (1)	0.2 (5)	2.6 (55)	1.5 (32)	0.1 (2)	0.0 (1)	4.6 (96)
SW	0.3 (6)	0.2 (5)	0.6 (13)	1.1 (22)	0.3 (6)	0.0 (0)	2.5 (52)
WSW	0.0 (1)	0.1 (2)	0.1 (3)	0.6 (13)	0.2 (5)	0.6 (13)	1.8 (37)
W	0.0 (1)	0.1 (2)	0.1 (2)	0.4 (8)	0.3 (6)	1.0 (20)	1.9 (39)
WNW	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (0)	0.5 (10)	0.6 (13)
NW	0.0 (0)	0.1 (2)	0.1 (2)	0.2 (4)	0.3 (7)	0.3 (7)	1.1 (22)
NNW	0.0 (0)	0.0 (1)	0.1 (2)	0.1 (2)	0.2 (4)	0.1 (2)	0.5 (11)
TOTAL	0.9 (18)	2.1 (44)	9.5 (198)	12.8 (266)	3.4 (70)	3.2 (67)	31.9 (663)

FOR STABILITY CLASS - E

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 692

NUMBER OF MISSING WIND OBSERVATIONS: 2

NUMBER OF CALM HOURS: 3

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR OCT 1 1980 THROUGH DEC 31 1980

JG120*

STABILITY CLASS - F

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

DIR	00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (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 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
ENE	0.0 (0)	0.2 (5)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (6)
E	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (3)
ESE	0.0 (0)	0.1 (3)	0.3 (7)	0.1 (2)	0.0 (0)	0.0 (0)	0.4 (12)
SE	0.1 (2)	0.1 (2)	0.2 (4)	0.5 (10)	0.3 (7)	0.0 (0)	1.1 (25)
SSE	0.0 (1)	0.0 (1)	0.2 (4)	1.1 (22)	0.0 (1)	0.0 (0)	1.4 (29)
S	0.0 (0)	0.1 (2)	0.3 (6)	0.7 (15)	0.1 (3)	0.0 (0)	1.2 (26)
SSW	0.0 (0)	0.3 (6)	0.3 (6)	0.0 (0)	0.0 (0)	0.0 (0)	0.6 (12)
SW	0.0 (0)	0.2 (4)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
WSW	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (2)
W	0.0 (1)	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (2)
WNW	0.0 (0)	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	0.3 (6)	1.2 (24)	1.6 (33)	2.5 (51)	0.5 (11)	0.0 (0)	6.0 (125)

FOR STABILITY CLASS - F

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 125

NUMBER OF MISSING WIND OBSERVATIONS: 0

NUMBER OF CALM HOURS: 0

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR OCT 1 1980 THROUGH DEC 31 1980

JG120*

STABILITY CLASS - G

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

DIR	00-03	04-07	08-12	13-18	19-23	>24	TOTAL
N	0.0 (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 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
NE	0.0 (1)	0.0 (0)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.1 (3)
ENE	0.1 (2)	0.1 (3)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (8)
E	0.1 (2)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.0 (0)	0.3 (6)
ESE	0.0 (0)	0.2 (4)	0.0 (0)	0.1 (3)	0.0 (0)	0.0 (0)	0.3 (7)
SE	0.0 (1)	0.2 (4)	0.1 (2)	0.1 (2)	0.0 (0)	0.0 (0)	0.4 (9)
SSE	0.0 (0)	0.1 (2)	0.1 (3)	0.2 (4)	0.0 (1)	0.0 (0)	0.5 (10)
S	0.0 (1)	0.0 (1)	0.0 (0)	0.2 (5)	0.0 (0)	0.0 (0)	0.3 (7)
SSW	0.0 (1)	0.0 (0)	0.2 (5)	0.1 (3)	0.0 (0)	0.0 (0)	0.4 (9)
SW	0.0 (1)	0.1 (3)	0.2 (5)	0.0 (0)	0.0 (0)	0.0 (0)	0.4 (9)
WSW	0.1 (2)	0.1 (3)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.2 (5)
W	0.0 (1)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (1)
WNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
NNW	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)	0.0 (0)
TOTAL	0.6 (12)	1.1 (23)	1.1 (22)	0.8 (17)	0.0 (1)	0.0 (0)	3.6 (75)

FOR STABILITY CLASS - G

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 76

NUMBER OF MISSING WIND OBSERVATIONS: 1

NUMBER OF CALM HOURS: 2

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR OCT 1 1980 THROUGH DEC 31 1980

----- JG120

STABILITY CLASS - ALL

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

DIR	00-03	04-07	08-12	SPEED (MPH) 13-18	19-23	>24	TOTAL
N	0.1 (3)	0.1 (3)	1.3 (28)	1.0 (21)	0.3 (7)	0.5 (11)	3.5 (73)
NNE	0.0 (0)	0.4 (8)	0.6 (13)	1.0 (21)	0.9 (18)	0.5 (10)	3.4 (70)
NE	0.3 (7)	0.3 (7)	0.9 (19)	0.3 (6)	0.2 (5)	0.1 (3)	2.3 (47)
ENE	0.2 (4)	0.6 (13)	0.3 (7)	0.0 (1)	0.0 (0)	0.0 (0)	1.2 (25)
E	0.3 (6)	0.9 (19)	0.8 (16)	0.4 (9)	0.0 (0)	0.0 (0)	2.4 (50)
ESE	0.1 (3)	0.9 (18)	1.4 (30)	1.0 (20)	0.0 (1)	0.1 (2)	3.6 (74)
SE	0.2 (4)	1.0 (20)	2.6 (54)	3.2 (67)	0.8 (16)	0.4 (8)	8.1 (169)
SSE	0.1 (2)	0.9 (19)	2.3 (47)	5.0 (103)	1.6 (34)	0.5 (11)	10.4 (216)
S	0.3 (7)	0.6 (13)	3.6 (75)	5.8 (121)	1.3 (26)	0.1 (2)	11.7 (244)
SSW	0.1 (3)	0.7 (15)	4.1 (85)	2.5 (52)	0.1 (3)	0.0 (1)	7.6 (159)
SW	0.4 (8)	0.8 (16)	2.0 (42)	2.3 (47)	0.8 (17)	0.2 (4)	6.4 (134)
WSW	0.2 (5)	0.4 (8)	0.7 (14)	1.6 (34)	0.6 (13)	1.7 (35)	5.2 (109)
W	0.2 (5)	0.5 (11)	0.8 (16)	1.7 (36)	1.8 (37)	3.7 (77)	8.8 (182)
WNW	0.1 (3)	0.3 (6)	1.0 (20)	1.5 (32)	1.4 (29)	4.3 (90)	8.7 (180)
NNW	0.0 (1)	0.4 (9)	1.3 (26)	5.1 (64)	2.8 (58)	3.9 (82)	11.5 (240)
NNW	0.0 (1)	0.2 (4)	1.3 (27)	1.4 (30)	0.8 (17)	1.3 (28)	5.1 (107)
TOTAL	3.0 (62)	9.1 (189)	25.0 (519)	31.9 (664)	13.5 (281)	17.5 (364)	100.0 (2079)

FOR STABILITY CLASS - ALL

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2192

NUMBER OF MISSING WIND OBSERVATIONS: 113

NUMBER OF CALM HOURS: 7

NIAGARA MOHAWK

OSWEGO

AMBIENT AIR MONITORING

SITE: NINE MILE UPPER (9)

DATA FOR OCT 1 1980 THROUGH DEC 31 1980

----- JG120

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

DIR	SPEED (MPH)						TOTAL
	00-03	04-07	08-12	13-18	19-23	>24	
N	0.1 (3)	0.1 (3)	1.3 (28)	1.0 (21)	0.3 (7)	0.5 (11)	3.5 (73)
NNE	0.0 (0)	0.4 (8)	0.6 (13)	1.0 (21)	0.9 (18)	0.5 (10)	3.4 (70)
NNE	0.3 (7)	0.3 (7)	0.9 (19)	0.3 (6)	0.2 (5)	0.1 (3)	2.3 (47)
ENE	0.2 (4)	0.6 (13)	0.3 (7)	0.0 (1)	0.0 (0)	0.0 (0)	1.2 (25)
E	0.3 (6)	0.9 (19)	0.8 (16)	0.4 (9)	0.0 (0)	0.0 (0)	2.4 (50)
ESE	0.1 (3)	0.9 (18)	1.4 (30)	1.0 (20)	0.0 (1)	0.1 (2)	3.6 (74)
SE	0.2 (4)	1.0 (20)	2.6 (54)	3.2 (67)	0.8 (16)	0.4 (8)	8.1 (169)
SSE	0.1 (2)	0.9 (19)	2.3 (47)	4.9 (103)	1.6 (34)	0.5 (11)	10.4 (216)
S	0.3 (7)	0.6 (13)	3.6 (75)	5.9 (122)	1.2 (26)	0.1 (2)	11.8 (245)
SSW	0.1 (3)	0.7 (15)	4.1 (85)	2.5 (52)	0.1 (3)	0.0 (1)	7.6 (159)
SW	0.4 (8)	0.8 (16)	2.0 (42)	2.3 (47)	0.8 (17)	0.2 (4)	6.4 (134)
WSW	0.2 (5)	0.4 (8)	0.7 (14)	1.6 (34)	0.6 (13)	1.7 (35)	5.2 (109)
W	0.2 (5)	0.5 (11)	0.8 (16)	1.7 (36)	1.8 (37)	3.7 (78)	8.8 (183)
WNW	0.1 (3)	0.3 (6)	1.0 (20)	1.5 (32)	1.4 (29)	4.3 (90)	8.6 (180)
NW	0.0 (1)	0.4 (9)	1.2 (26)	3.1 (64)	2.8 (58)	4.0 (83)	11.6 (241)
NNW	0.0 (1)	0.2 (4)	1.3 (27)	1.4 (30)	0.8 (17)	1.3 (28)	5.1 (107)
TOTAL	3.0 (62)	9.1 (189)	24.9 (519)	31.9 (665)	13.5 (281)	17.6 (366)	100.0 (2082)

FOR ALL WIND CATEGORIES

NUMBER OF POSSIBLE HOURLY OBSERVATIONS: 2208

NUMBER OF MISSING WIND OBSERVATIONS: 126

NUMBER OF CALM HOURS: 7