



INDIAN POINT UNIT No. 2

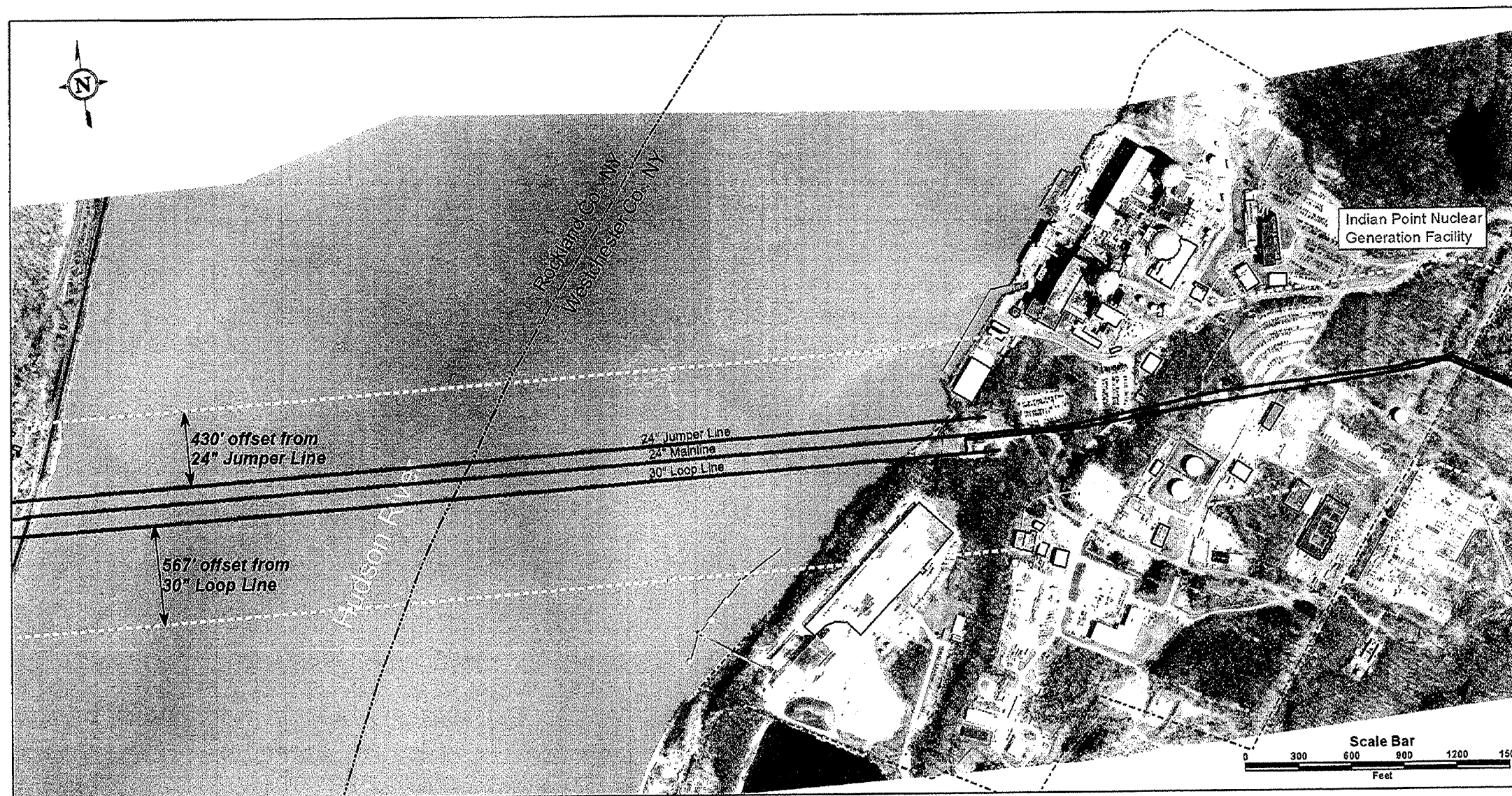
UFSAR FIGURE 2.2-1

AERIAL PHOTO OF INDIAN POINT SITE  
AND SURROUNDING AREA

MIC. No. 1999MC3572

REV. No. 17A





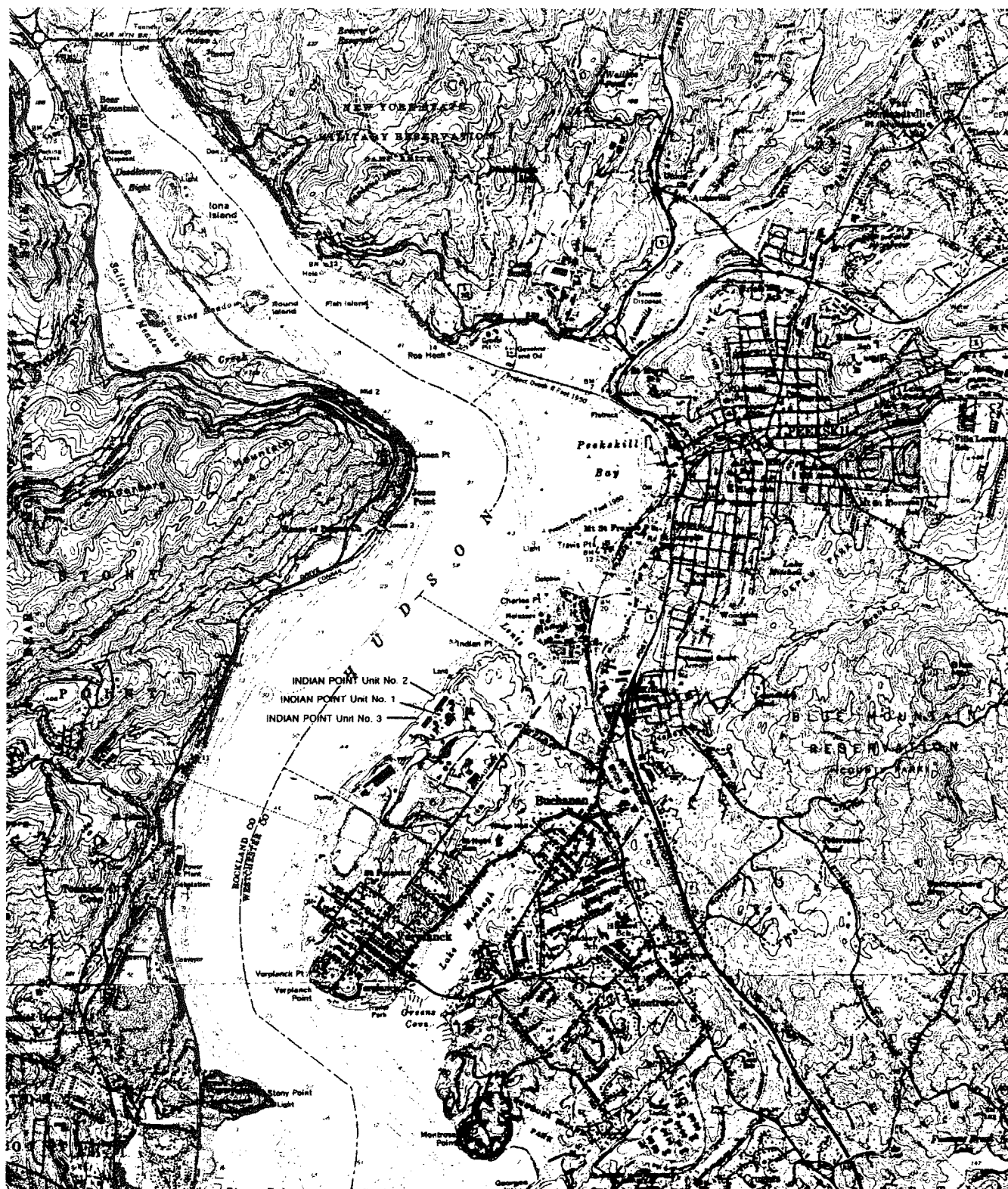
- Nuclear Plant Property
- Potential Impact Radius Extents
- Algonquin Gas Trans. Pipeline

## Hudson River Crossing & Indian Point Nuclear Generation Facility

Rockland & Westchester Counties, New York  
 Algonquin Gas Transmission Co., Segment STON-SEAS  
 (Imagery flown in 2006)



INDIAN POINT UNIT No. 2	
UFSAR FIGURE 2.2-3	
HUDSON RIVER CROSSING & INDIAN POINT NUCLEAR GENERATING FACILITY	
UFSAR FIGURE 2.2-3	REV. No. 21



INDIAN POINT UNIT No. 2

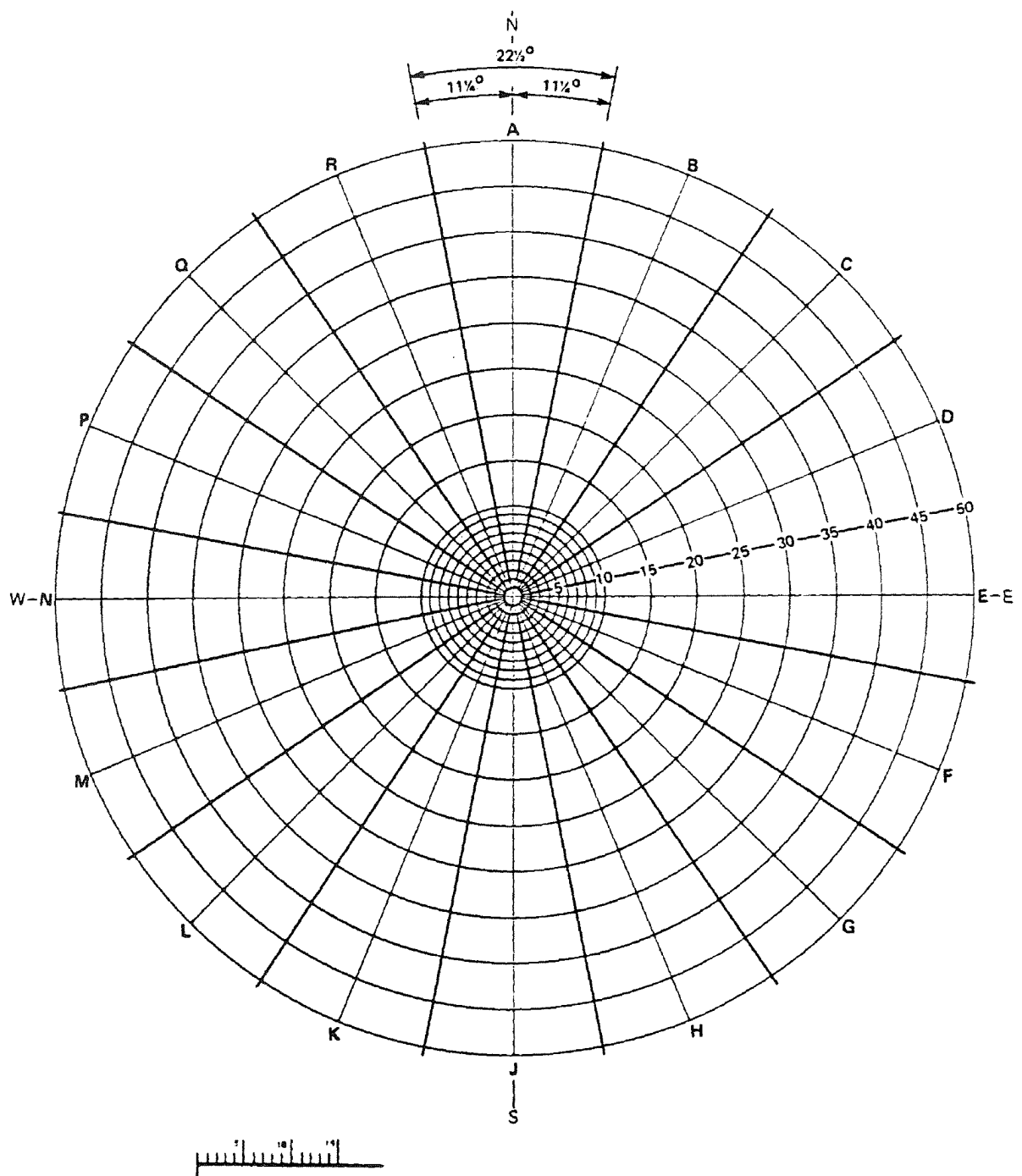
UFSAR FIGURE 2.3-1

# TOPOGRAPHICAL MAP OF INDIAN POINT AND SURROUNDING AREA

MIC. No. 1999MC3574

REV. No. 17A





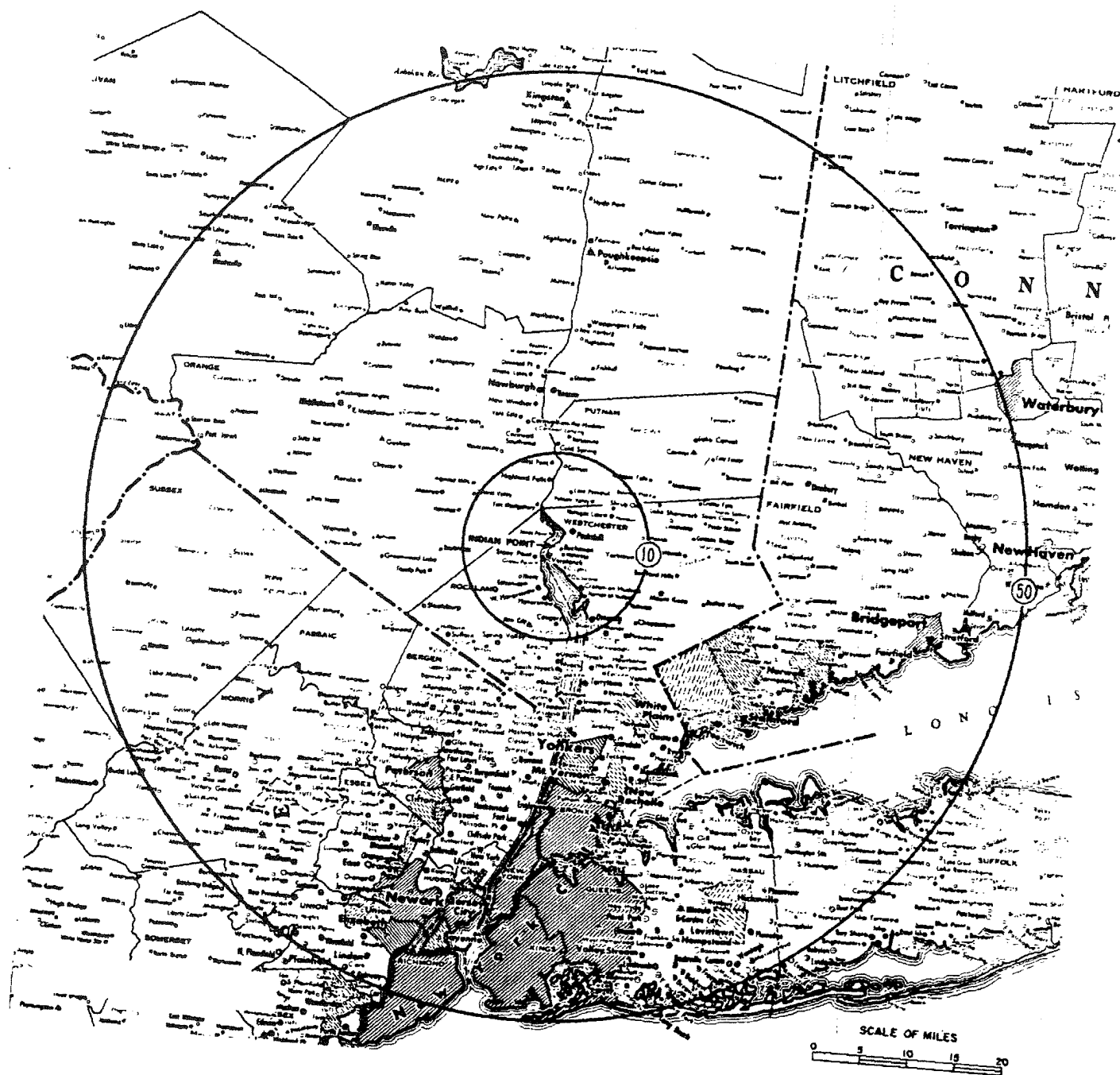
INDIAN POINT UNIT No. 2

UFSAR FIGURE 2.4-1

SCHEMATIC SECTOR/ZONE DIAGRAM

MIC. No. 1999MC3575

REV. No. 17A



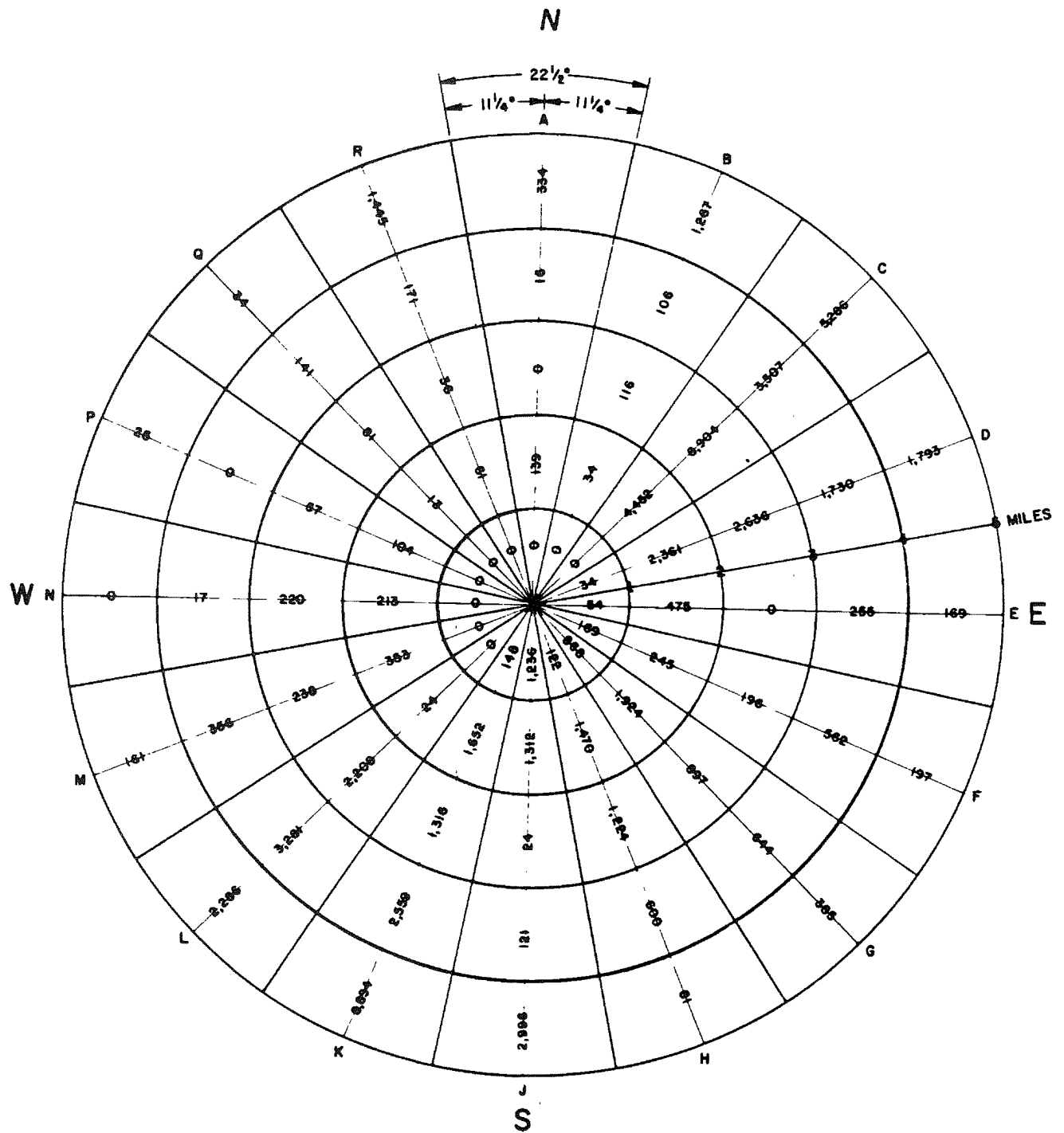
INDIAN POINT UNIT No. 2

UFSAR FIGURE 2.4-2

INDIAN POINT STATION  
TEN AND FIFTY MILE RADIUS MAP

MIC. No. 1999MC3576

REV. No. 17A



1980 PROJECTED POPULATIONS

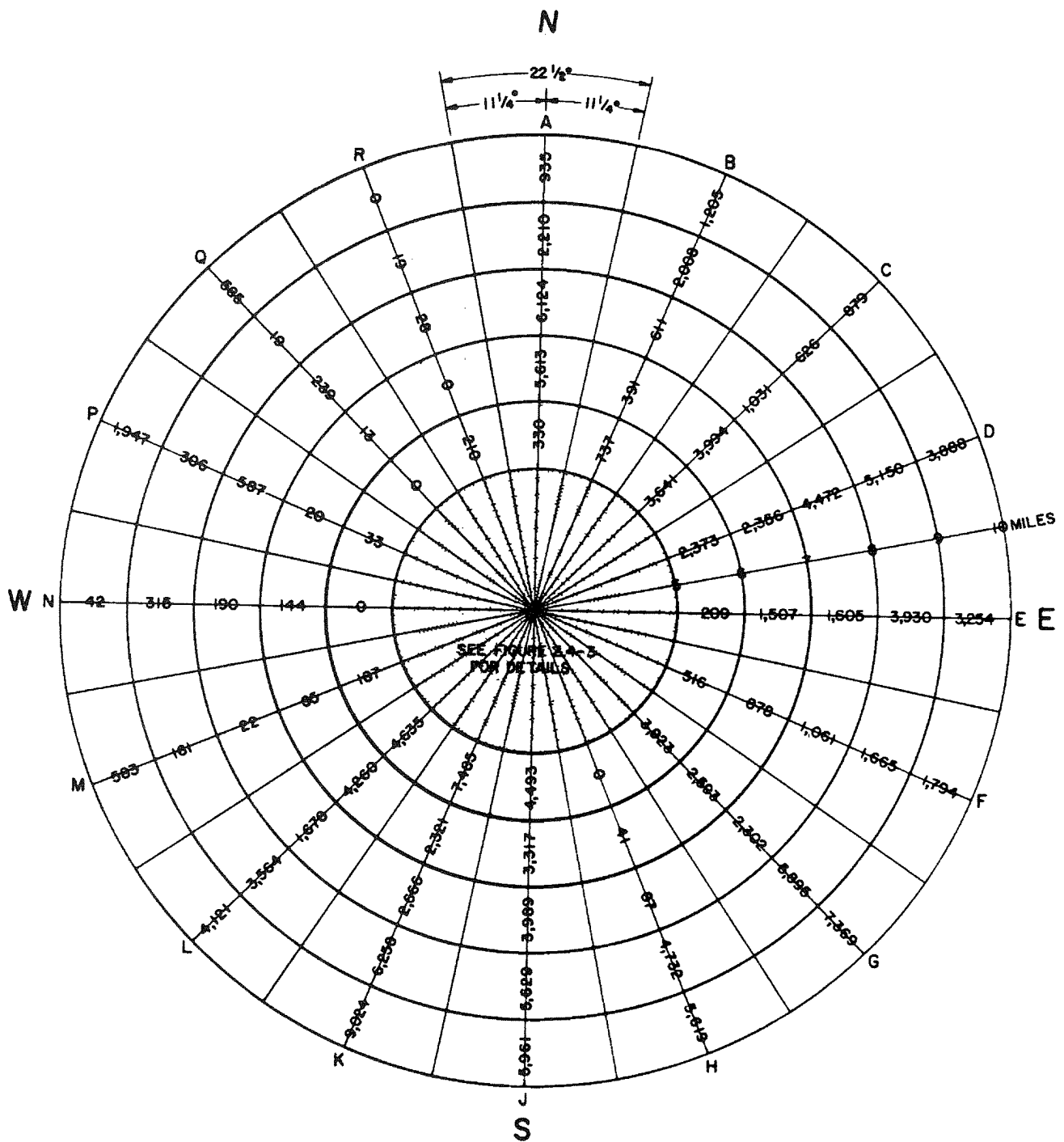
INDIAN POINT UNIT No. 2

UFSAR FIGURE 2.4-3

FIVE MILE SECTOR/ZONE DIAGRAM

MIC. No. 1999MC3577

REV. No. 17A



1980 PROJECTED POPULATIONS

INDIAN POINT UNIT No. 2

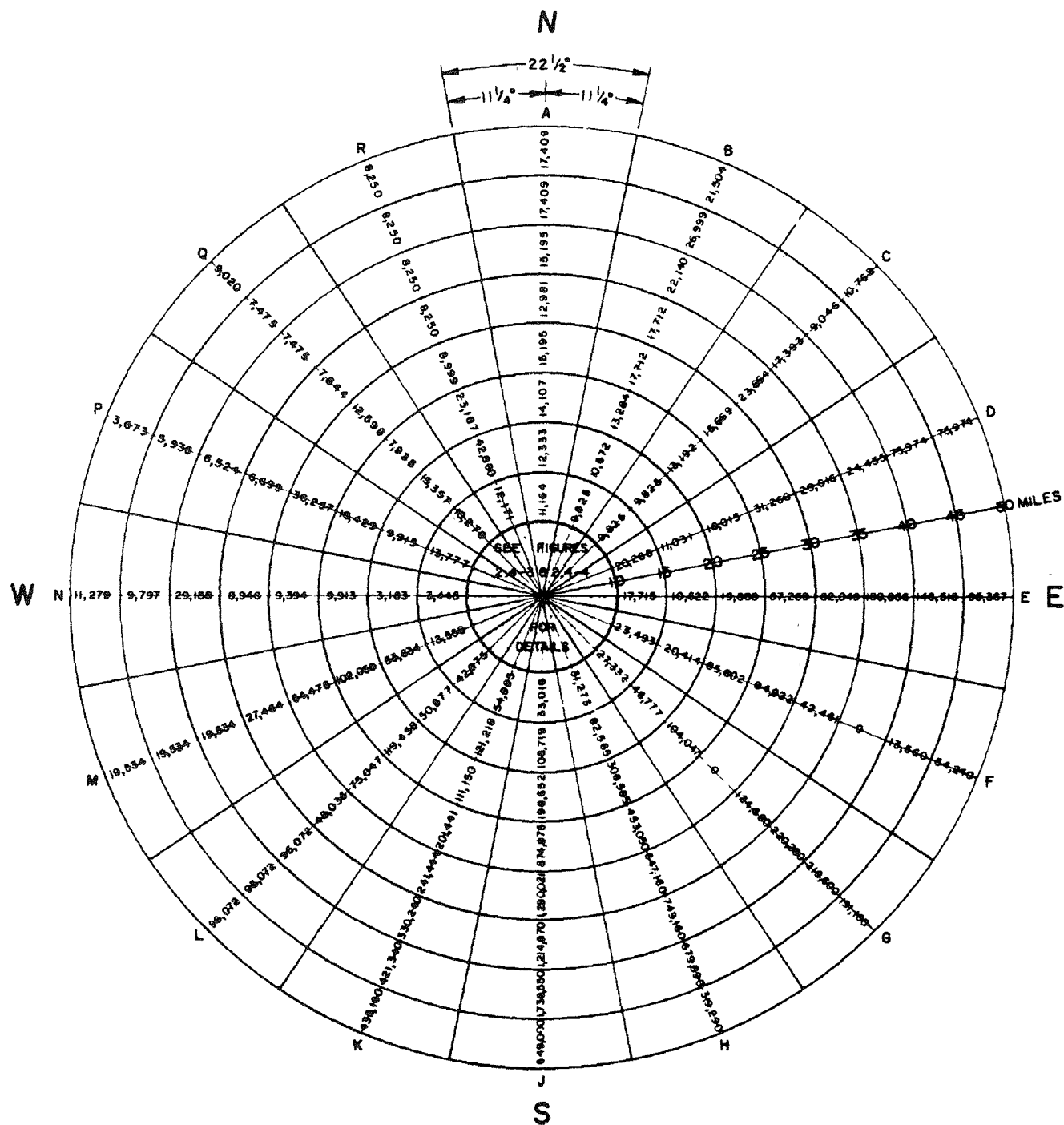
UFSAR FIGURE 2.4-4

TEN MILE SECTOR/ZONE DIAGRAM

MIC. No. 1999MC3578

REV. No. 17A





1980 PROJECTED POPULATIONS

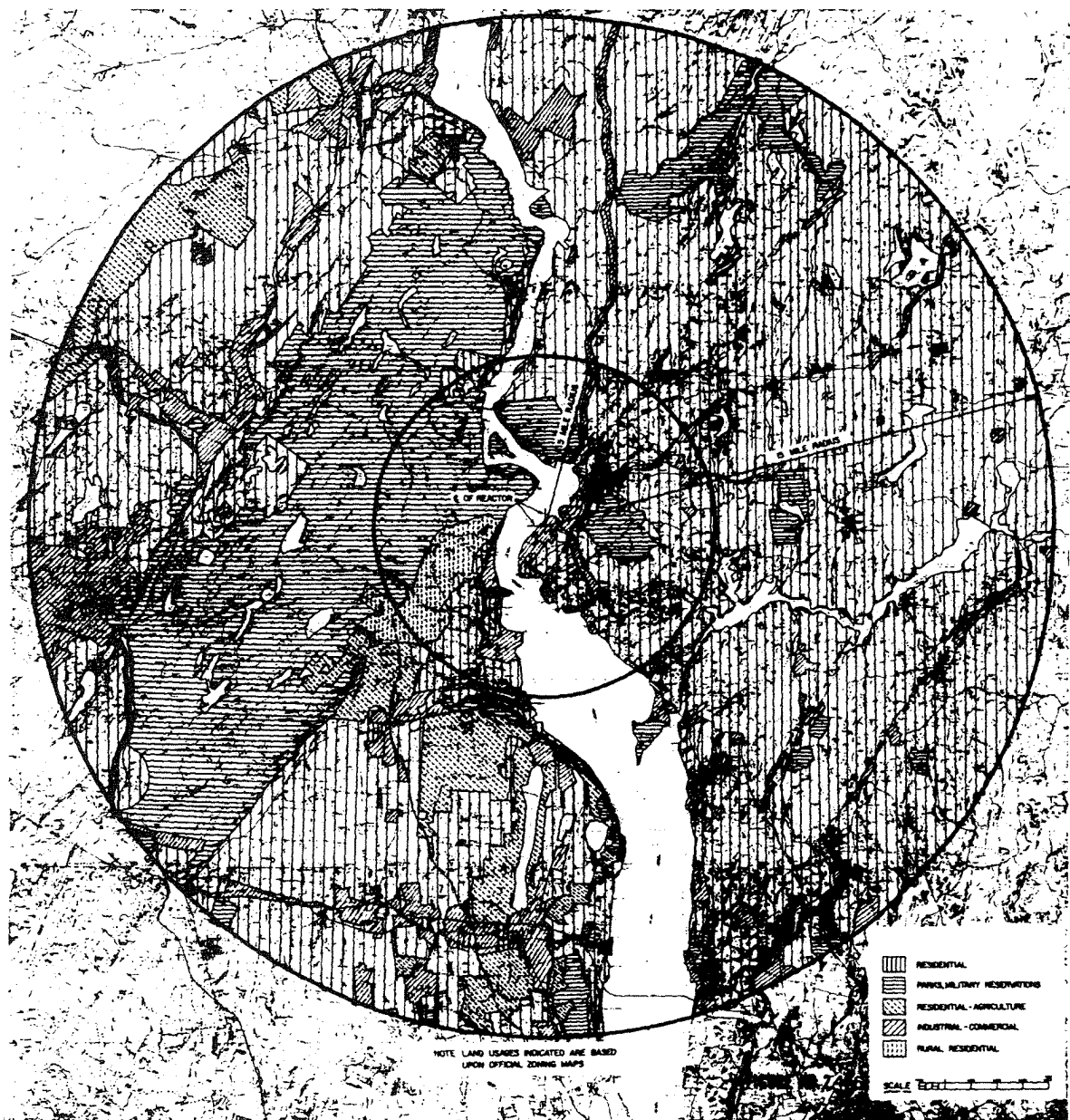
INDIAN POINT UNIT No. 2

UFSAR FIGURE 2.4-5

FIFTY MILE SECTOR/ZONE DIAGRAM

MIC. No. 1999MC3579

REV. No. 17A



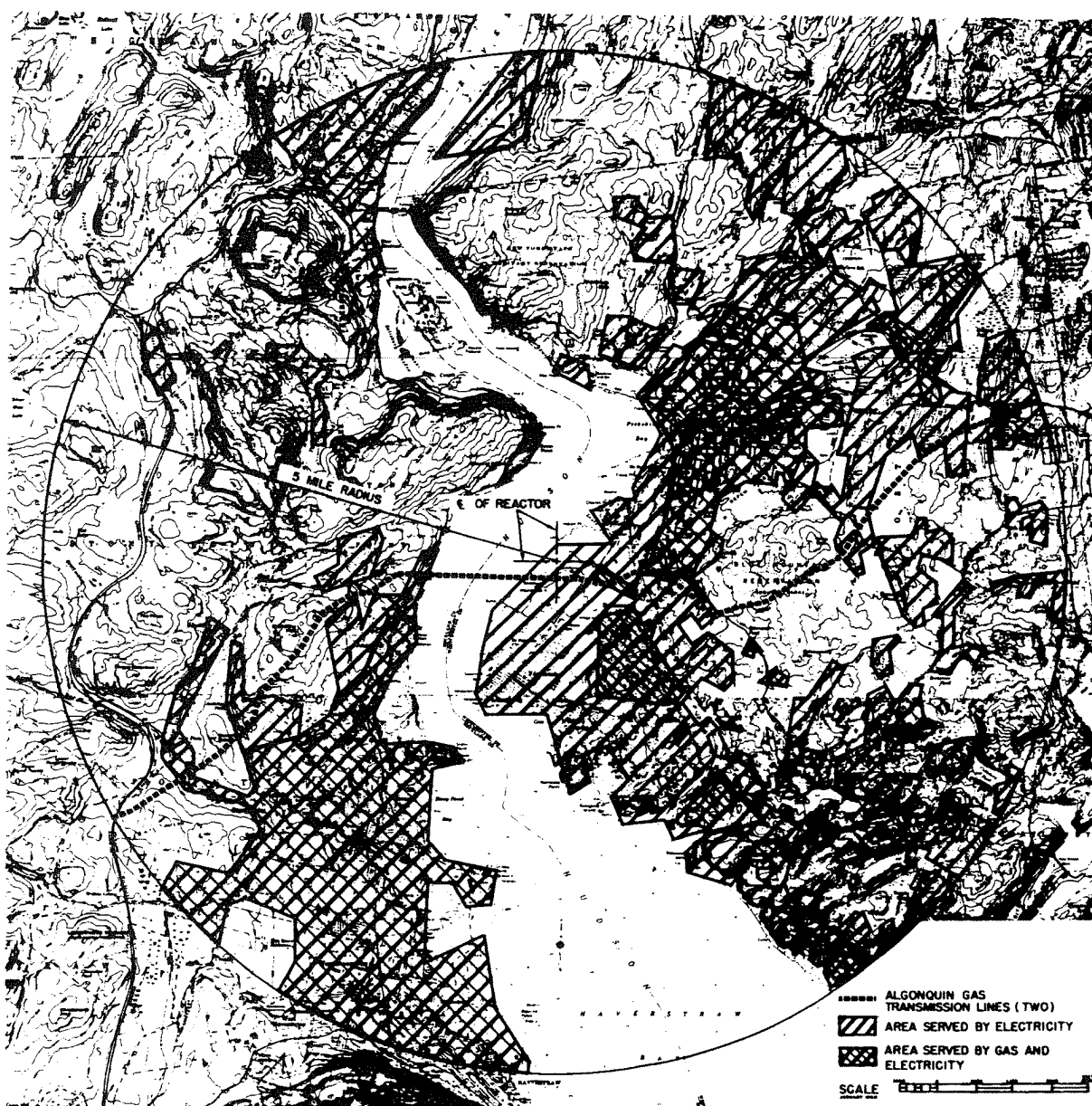
## INDIAN POINT UNIT No. 2

UFSAR FIGURE 2.4-6

MAP AND DESCRIPTION  
SHOWING LAND USAGE

MIC. No. 1999MC3580

REV. No. 17A



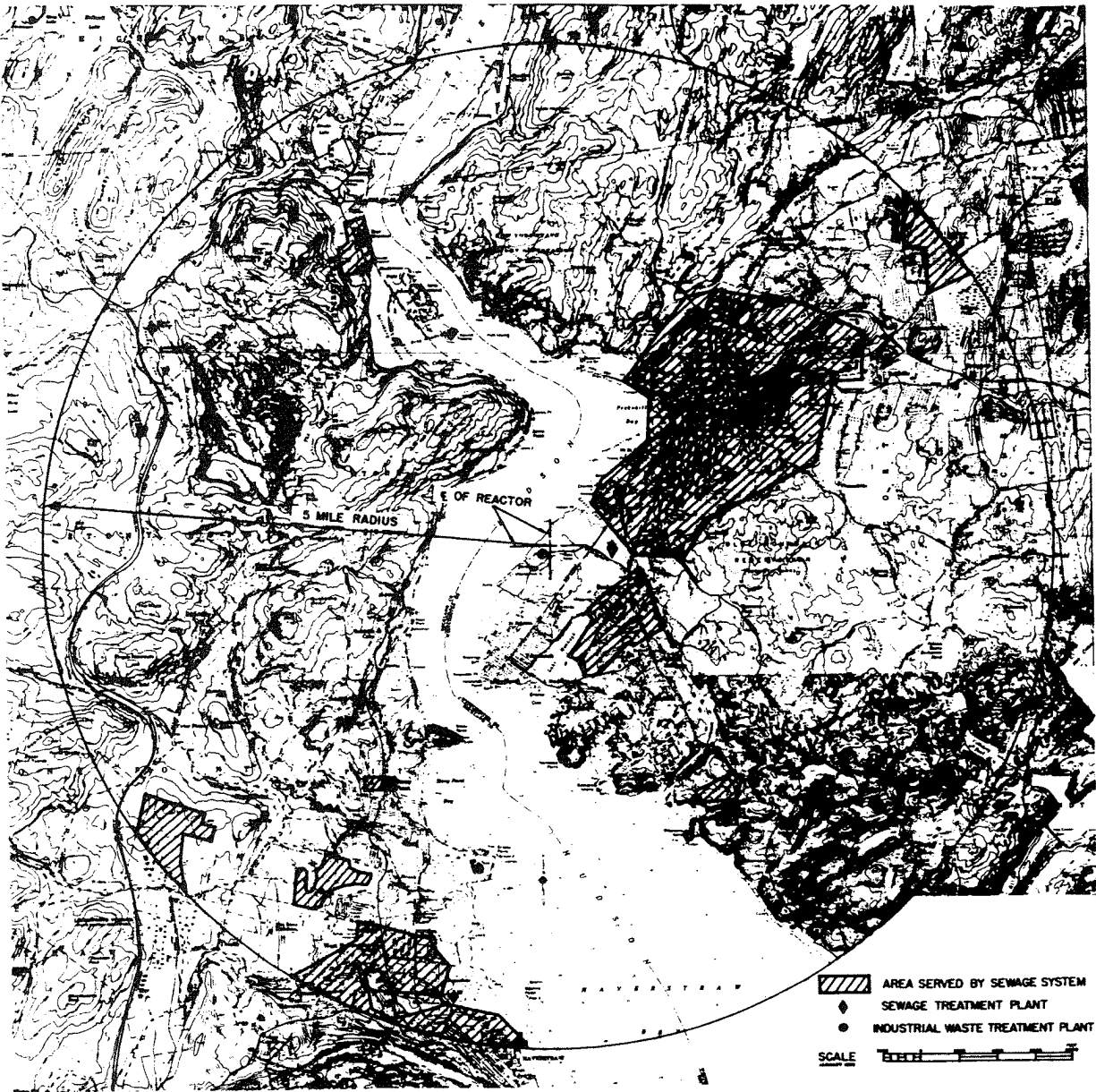
INDIAN POINT UNIT No. 2

UFSAR FIGURE 2.4-7

MAP AND DESCRIPTION OF THE AREA  
SHOWING PUBLIC UTILITIES

MIC. No. 1999MC3581

REV. No. 17A



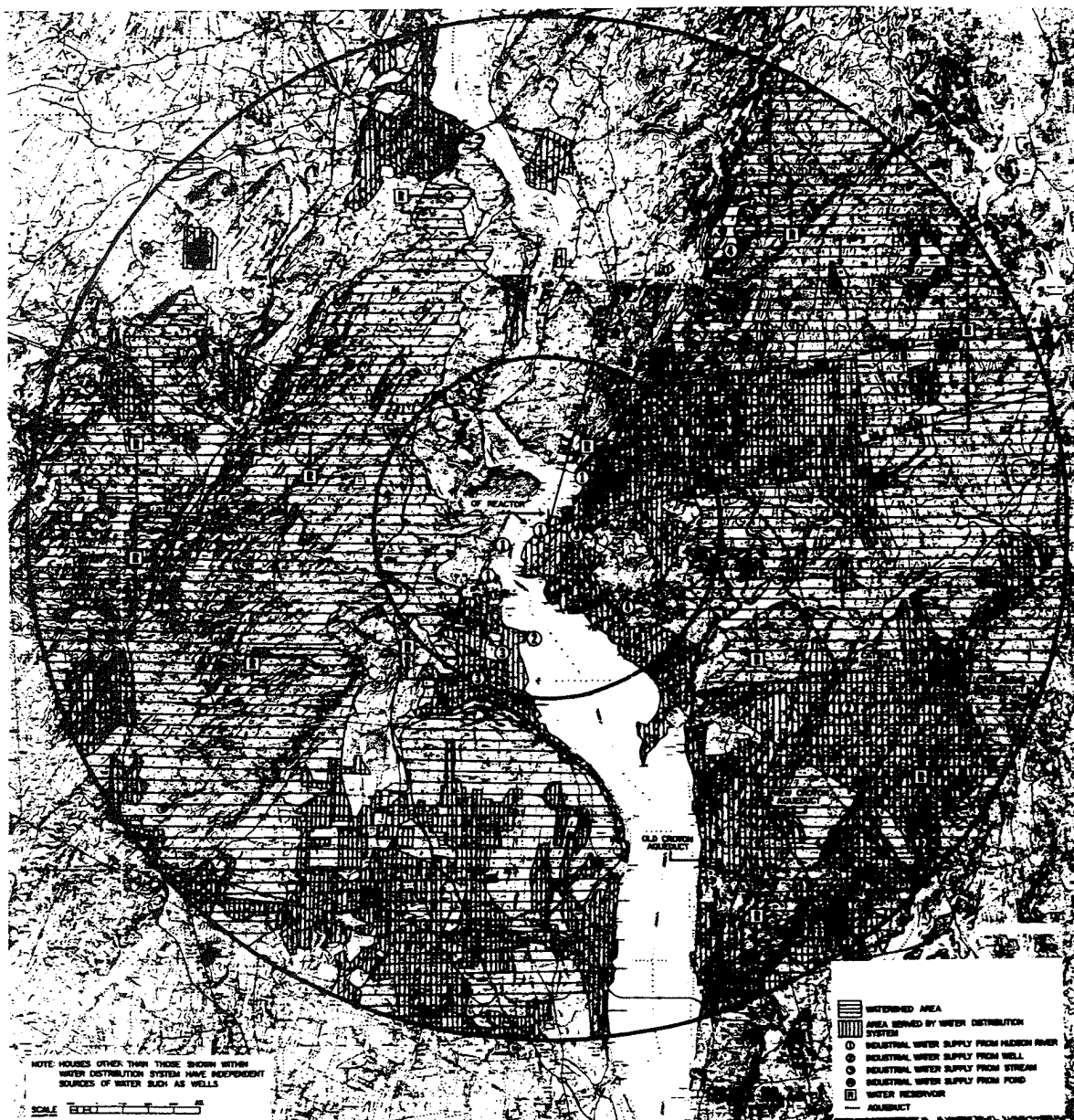
INDIAN POINT UNIT No. 2

UFSAR FIGURE 2.4-8

MAP AND DESCRIPTION OF THE AREA  
SHOWING SEWAGE SYSTEMS

MIC. No. 1999MC3582

REV. No. 17A



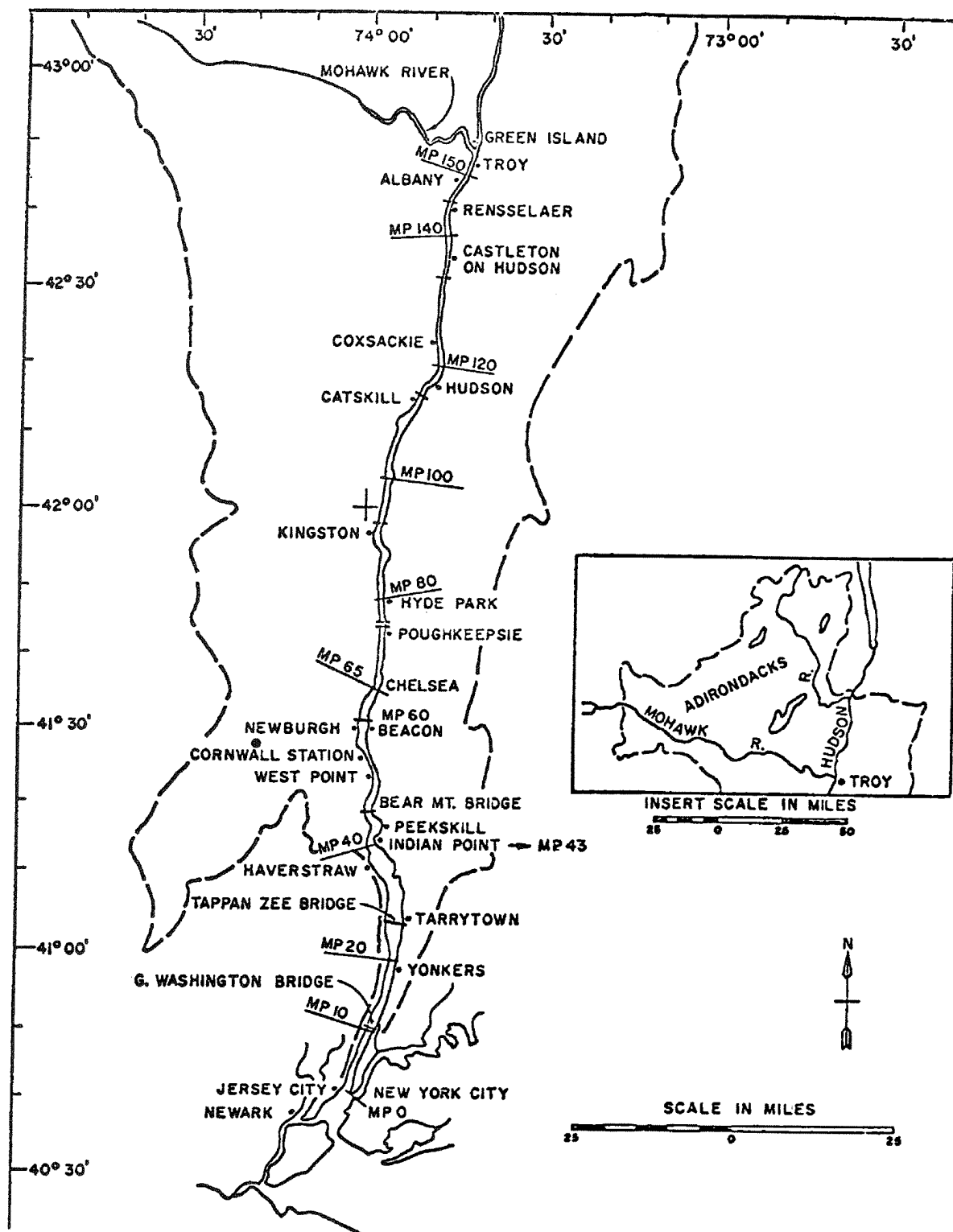
## INDIAN POINT UNIT No. 2

### UFSAR FIGURE 2.5-1

MAP & DESCRIPTION SHOWING LOCATION  
OF SOURCES OF POTABLE & INDUSTRIAL  
WATER SUPPLIES & WATERSHED AREAS

MIC. No. 2001MB1189

REV. No. 17A



INDIAN POINT UNIT No. 2

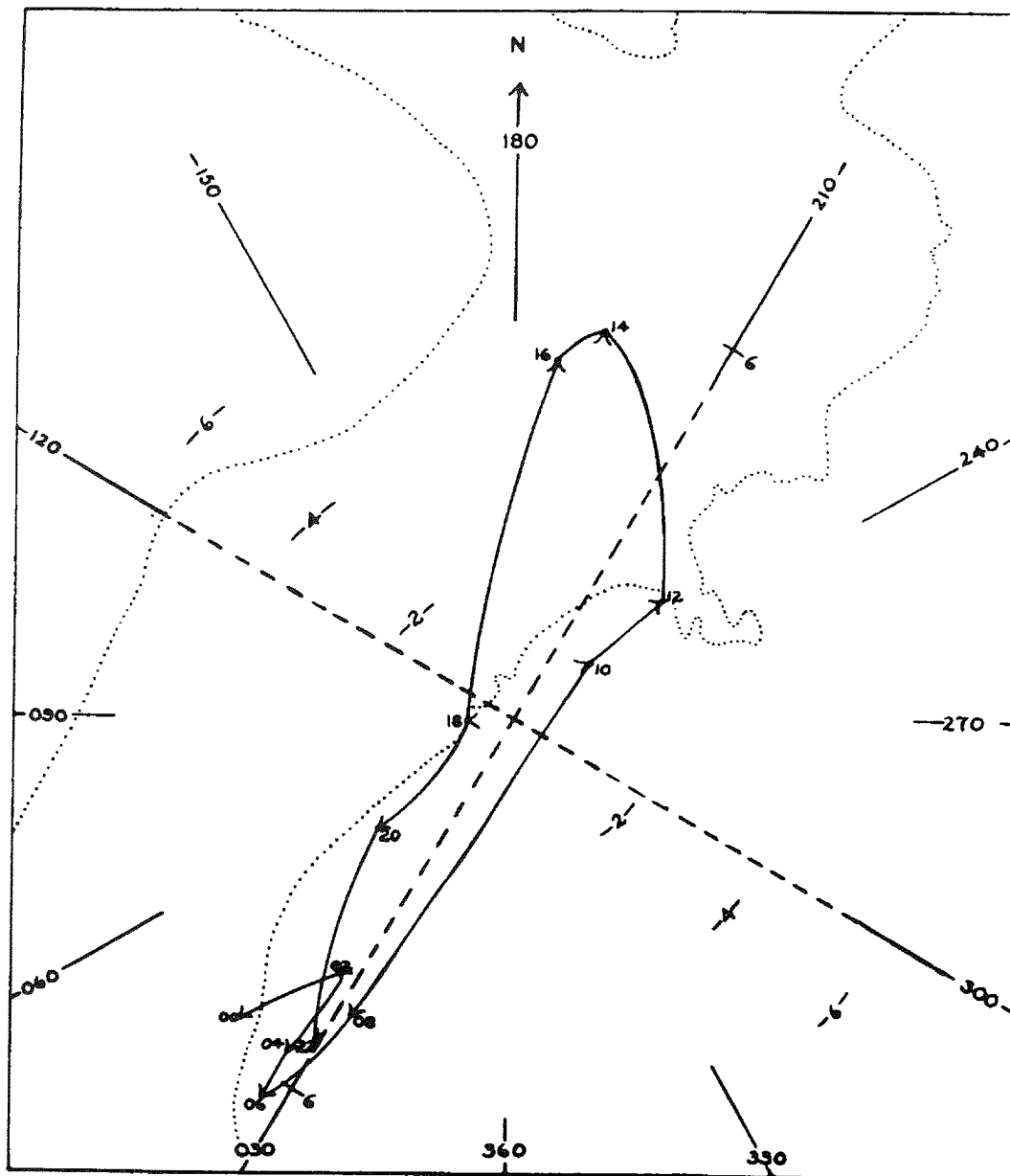
UFSAR FIGURE 2.5-2

HUDSON RIVER DRAINAGE BASIN

MIC. No. 2001MB1190

REV. No. 17A





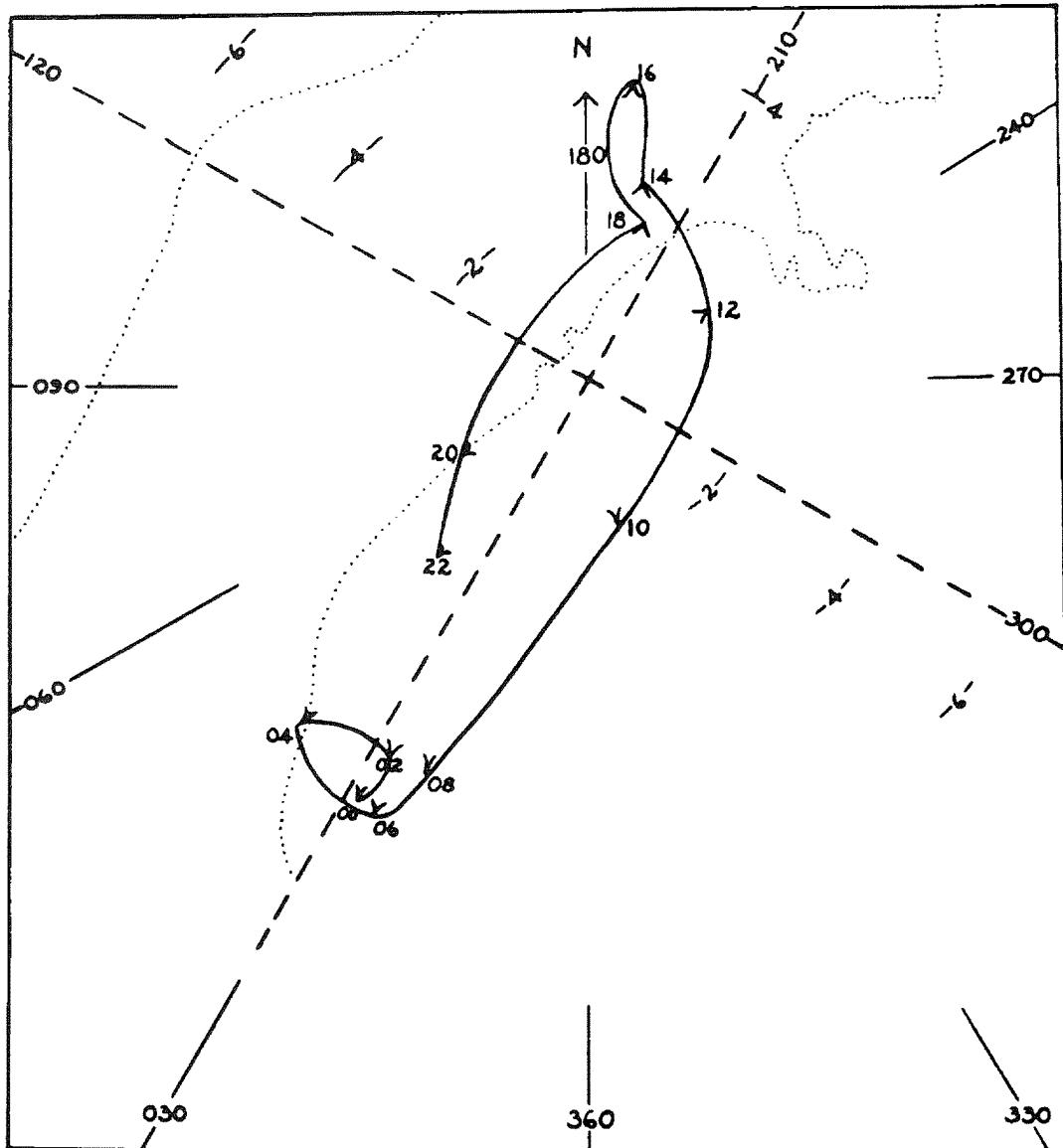
September - October, 1955  
70 Ft Above River

INDIAN POINT UNIT No. 2

UFSAR FIGURE 2.6-1  
DIURNAL VARIATION OF MEAN VECTOR  
WIND FOR VIRTUALLY ZERO PRESSURE  
GRADIENT CONDITIONS

MIC. No. 2001MB1191

REV. No. 17A



Geostrophic Winds Less Than 16 MPH  
September - October, 1955  
70 Ft Above River

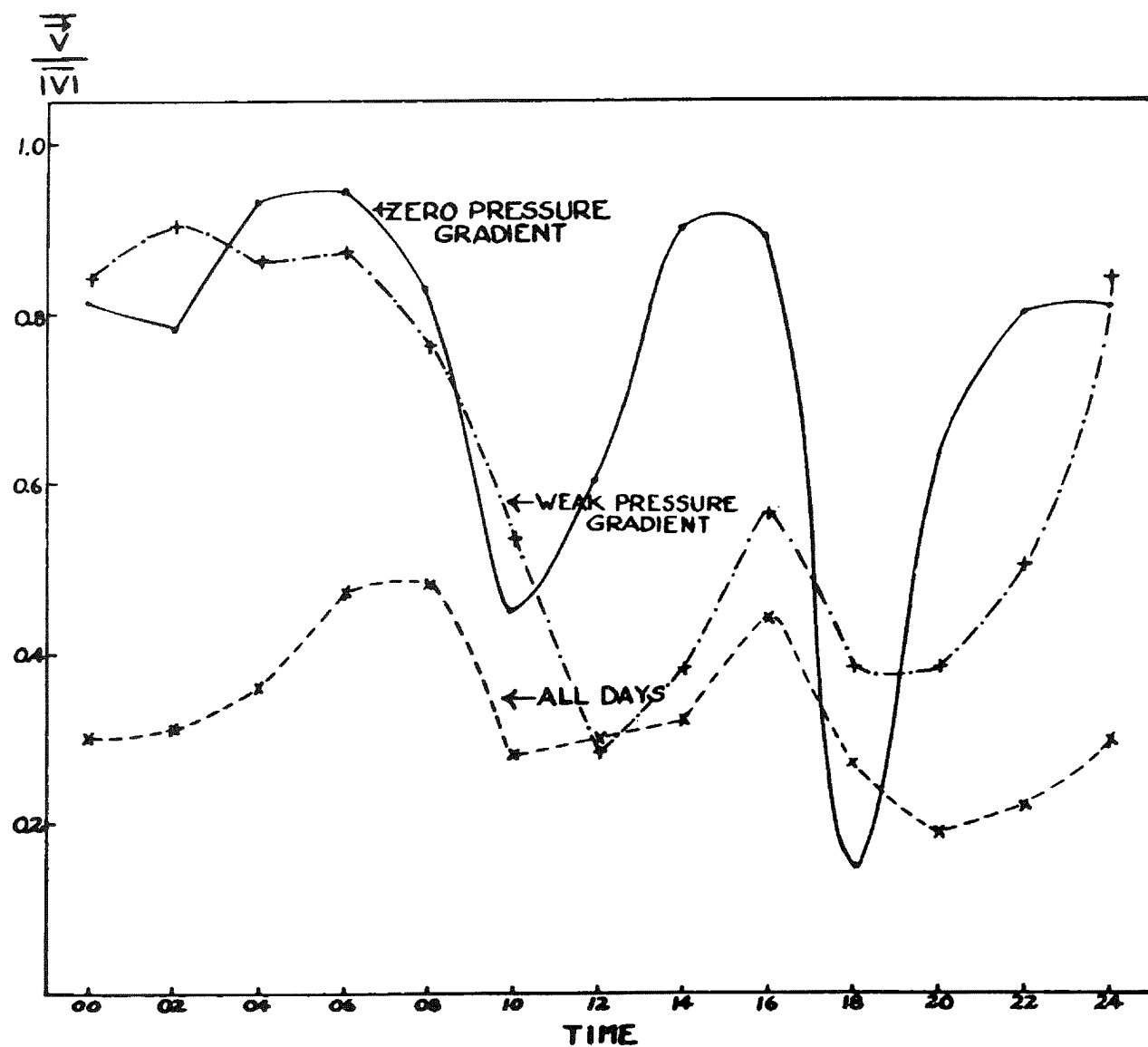
INDIAN POINT UNIT No. 2

UFSAR FIGURE 2.6-2

DIURNAL VARIATION OF MEAN VECTOR WIND  
FOR 24 HOUR PERIODS OF WEAK PRESSURE  
GRADIENT CONDITIONS

MIC. No. 2001MB1193

REV. No. 17A



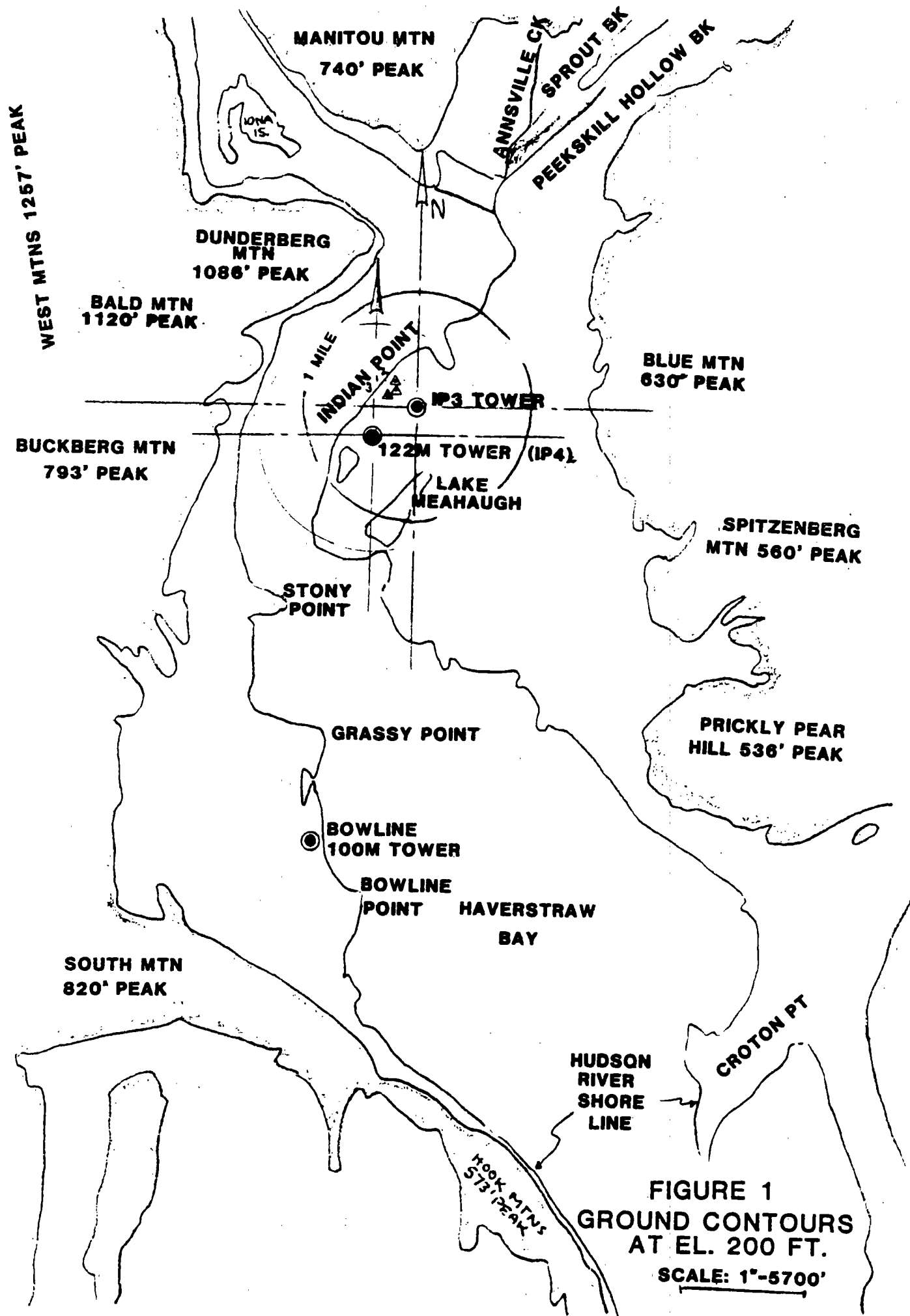
INDIAN POINT UNIT No. 2

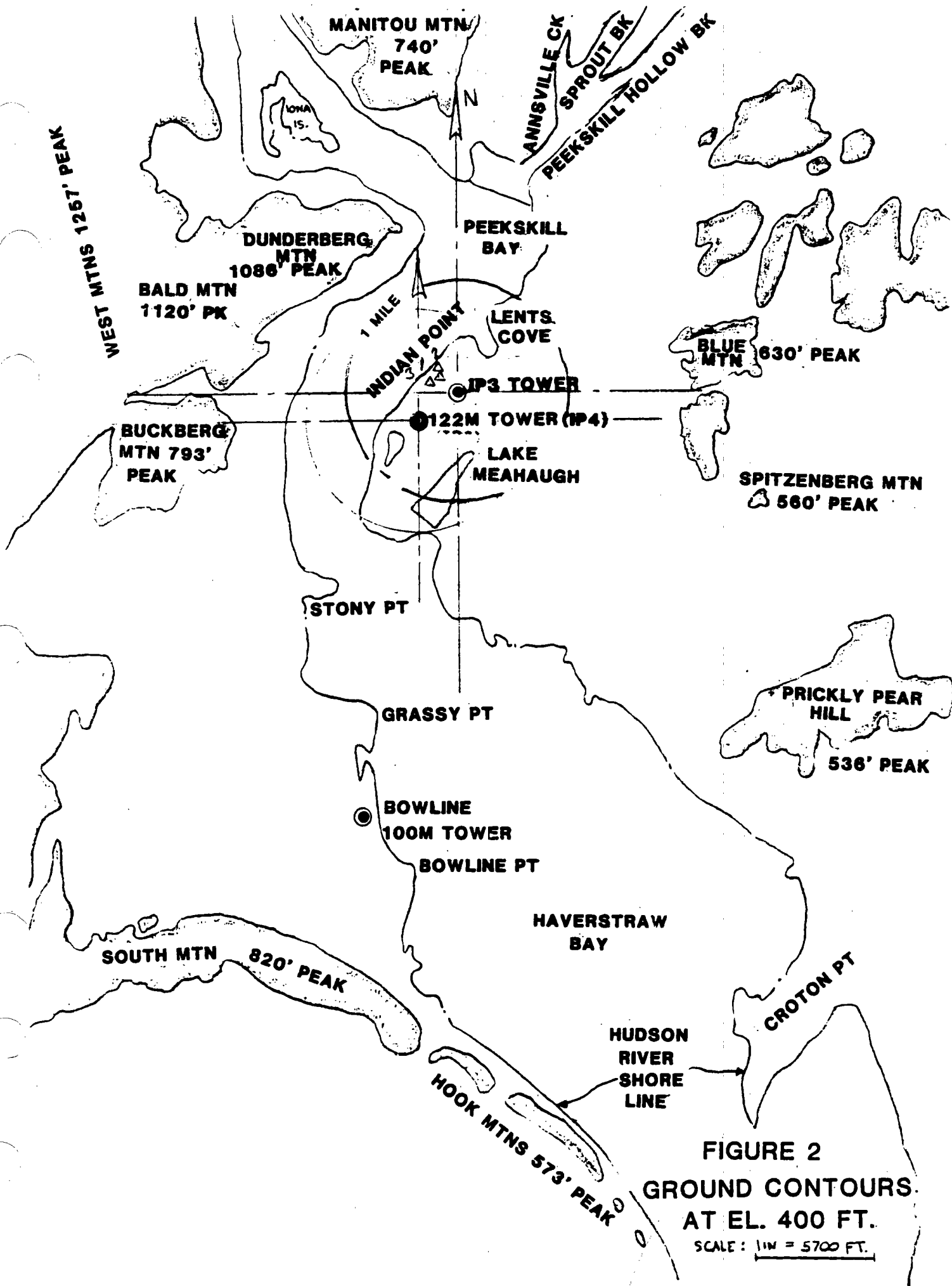
UFSAR FIGURE 2.6-3

STEADINESS OF WIND AS A FUNCTION OF  
TIME OF DAY FOR INDICATED PRESSURE  
GRADIENT CONDITIONS

MIC. No. 2001MB1194

REV. No. 17A





**FIGURE 2**  
**GROUND CONTOURS**  
**AT EL. 400 FT.**  
SCALE: 1" = 5700 FT.

FIGURE 3  
ELEVATIONS IN THE INDIAN POINT REGION





# WATER COURSES IN THE INDIAN POINT REGION

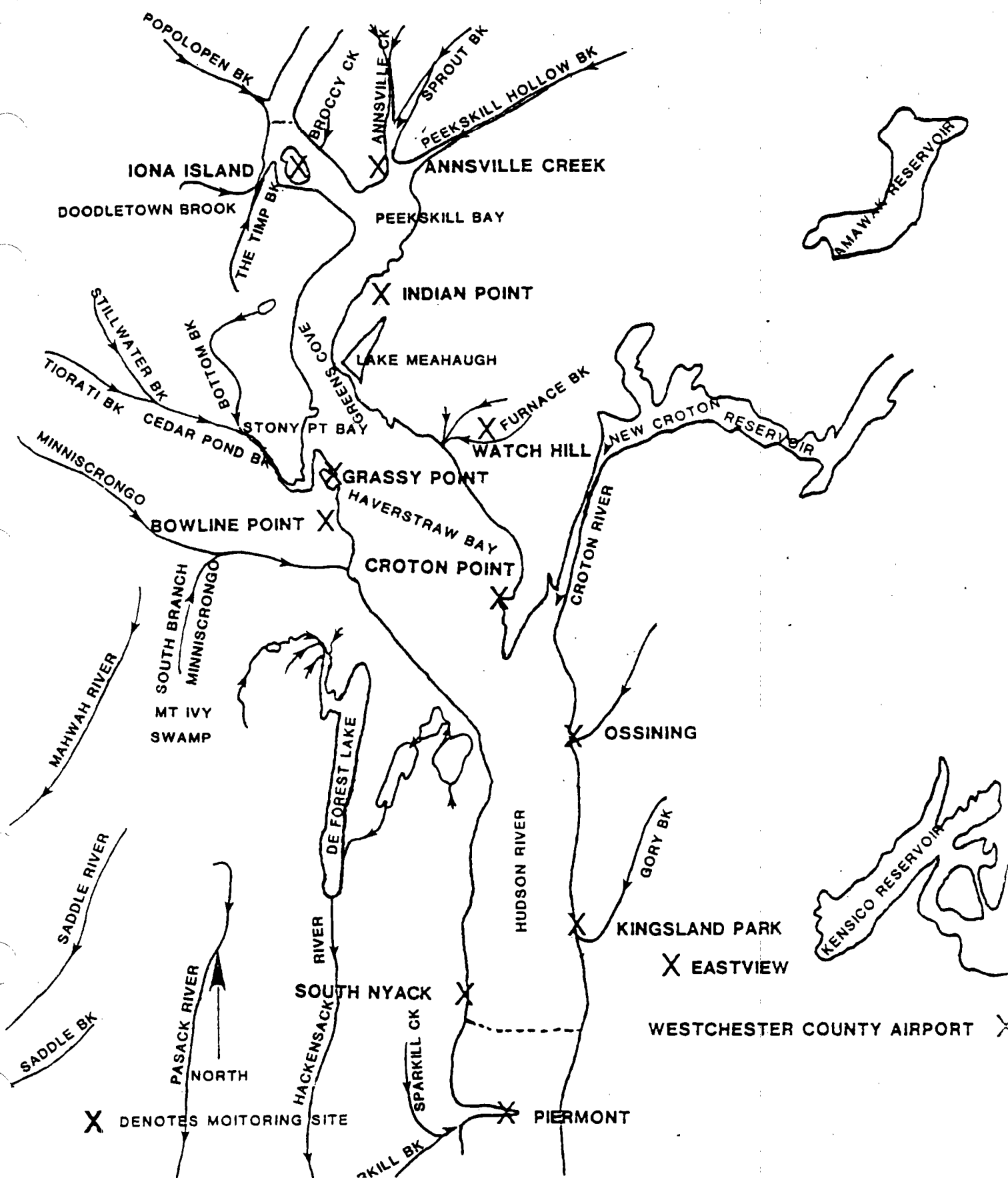


FIGURE 5

EXISTING AND HISTORICAL METEOROLOGICAL  
TOWERS AT INDIAN POINT

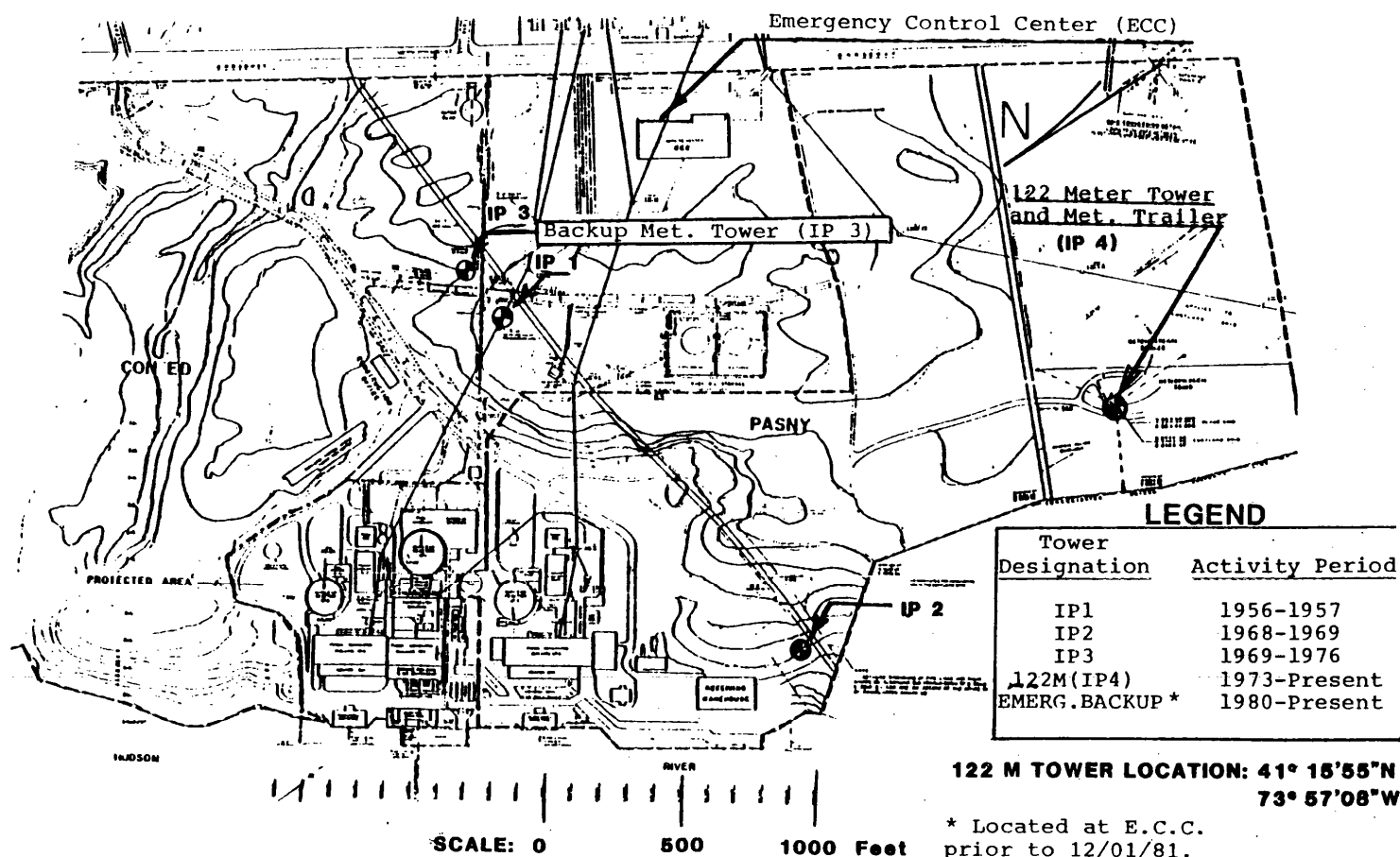
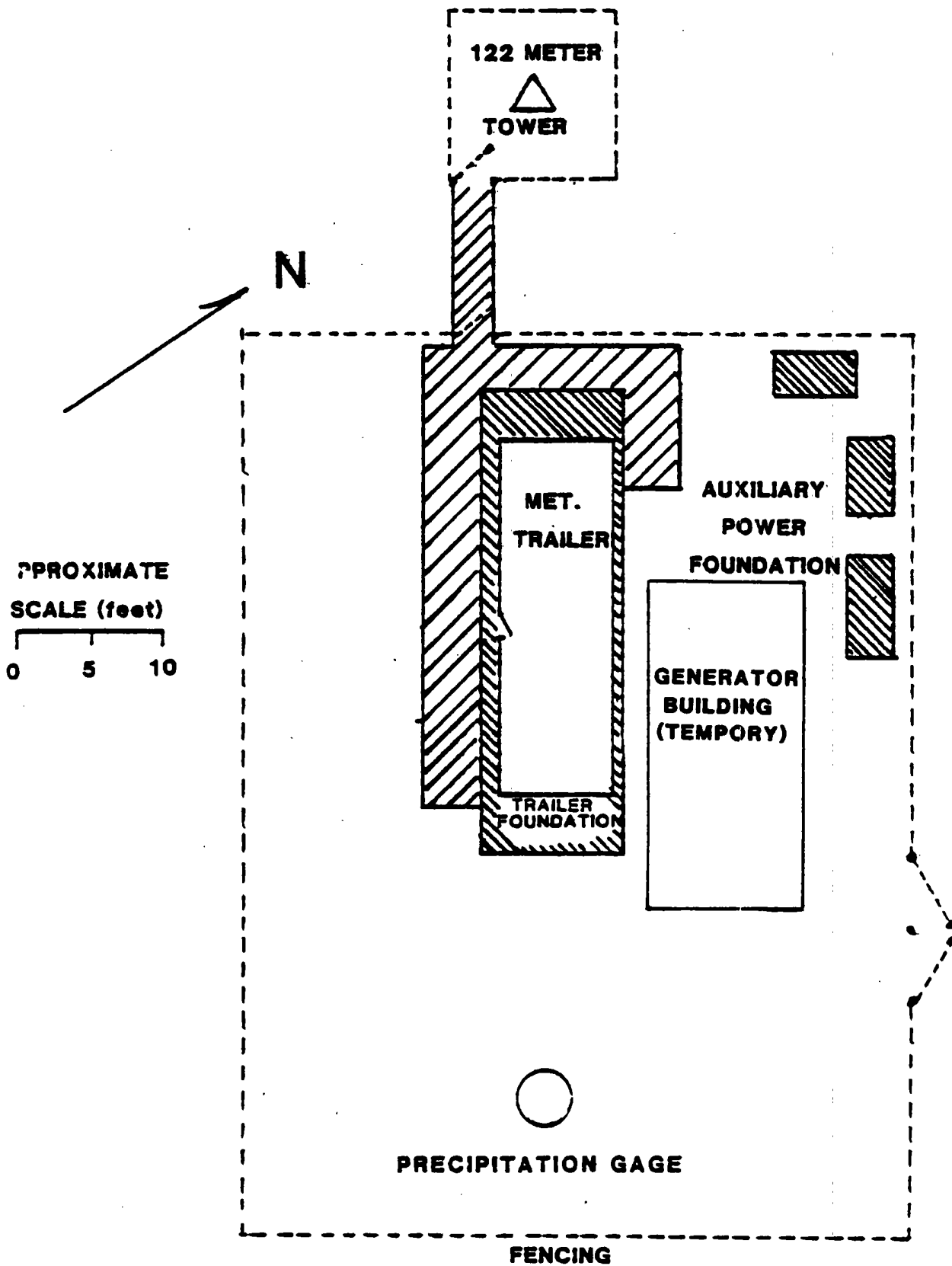


FIGURE 6

# INDIAN POINT METEOROLOGICAL SITE



**FIGURE 7**  
**TOWER CONFIGURATION**

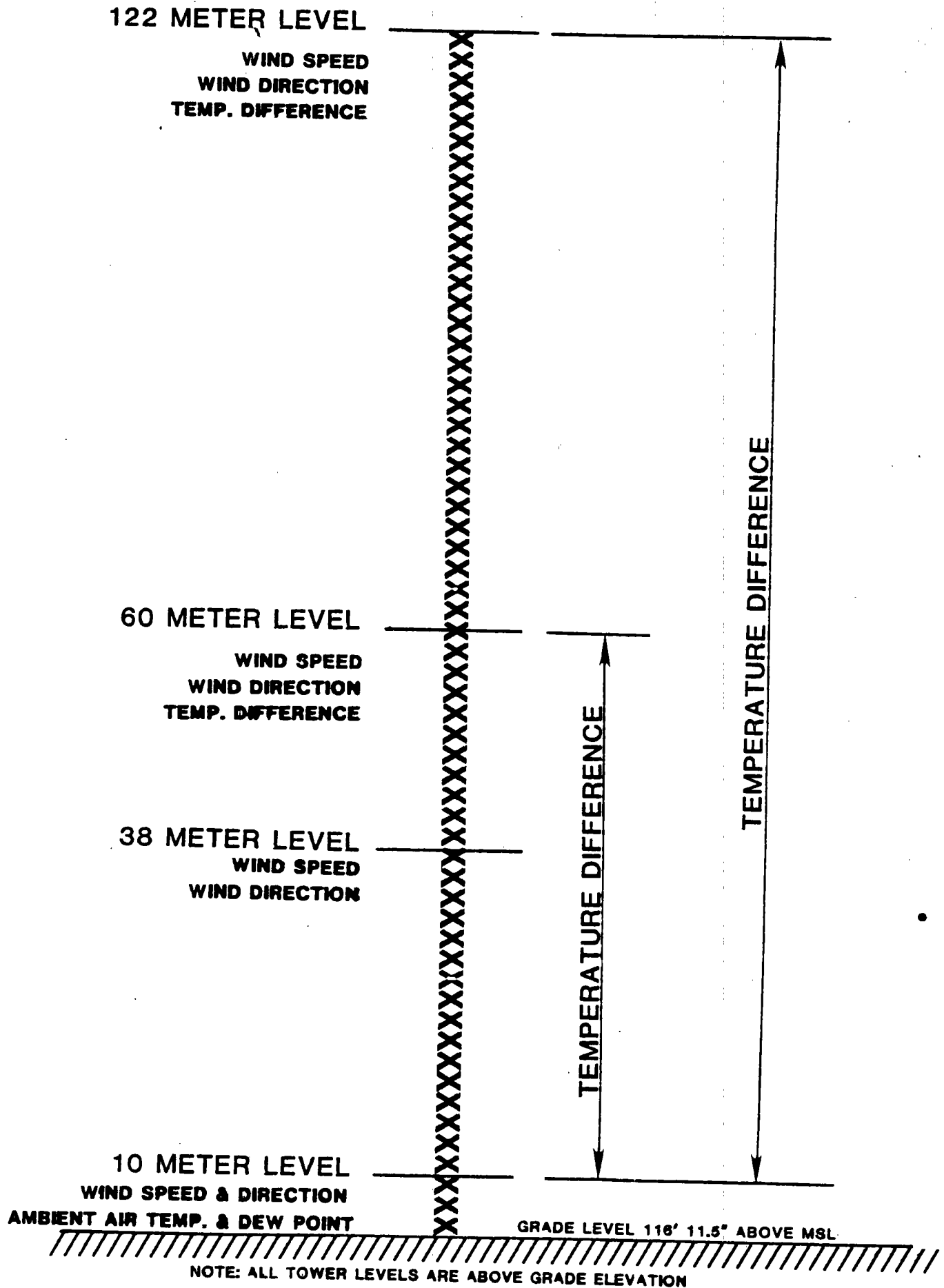
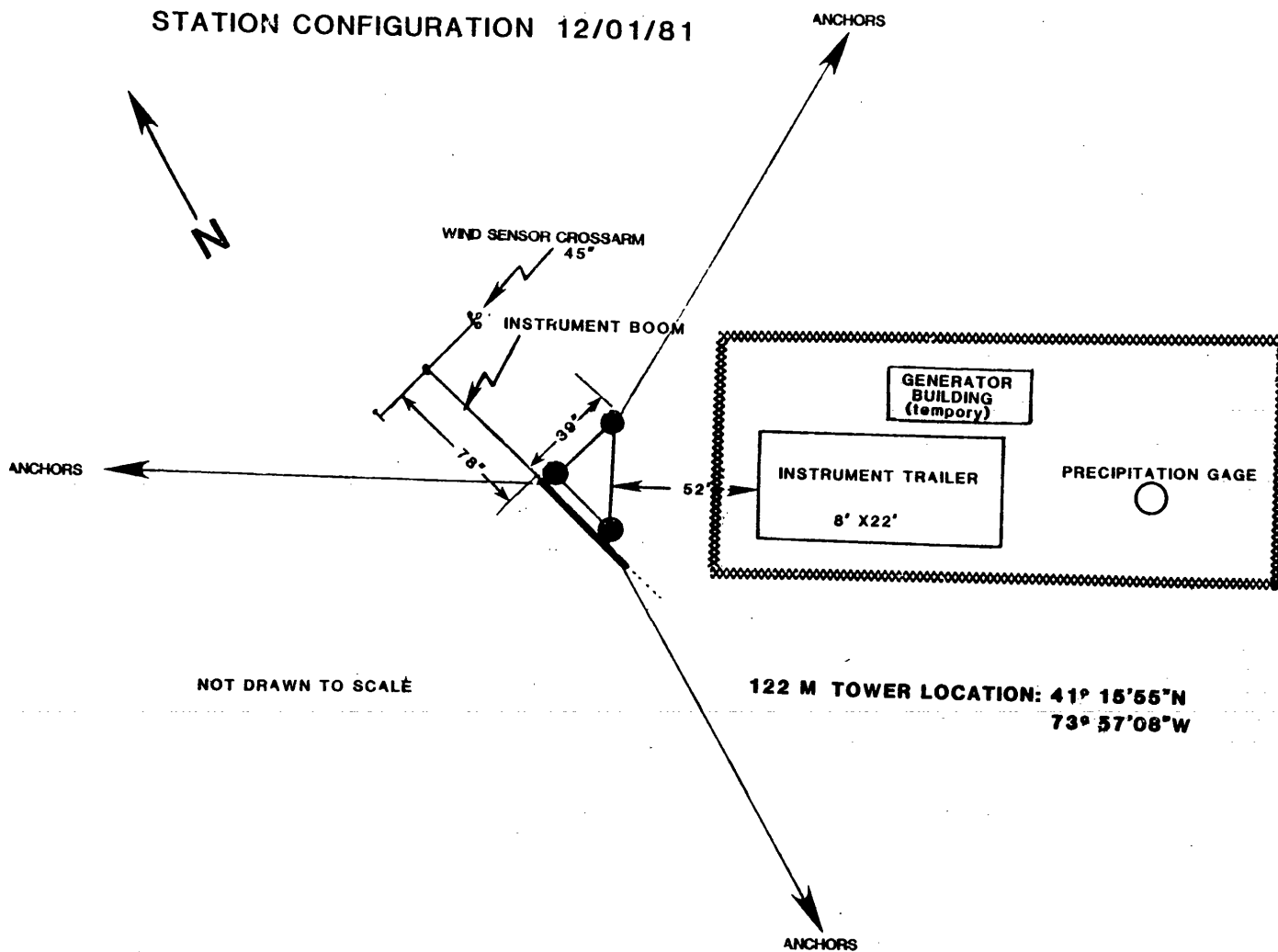


FIGURE 8  
STATION CONFIGURATION 12/01/81



**FIGURE 9**  
**INDIAN POINT-METEOROLOGICAL SUPPORT SYSTEMS**

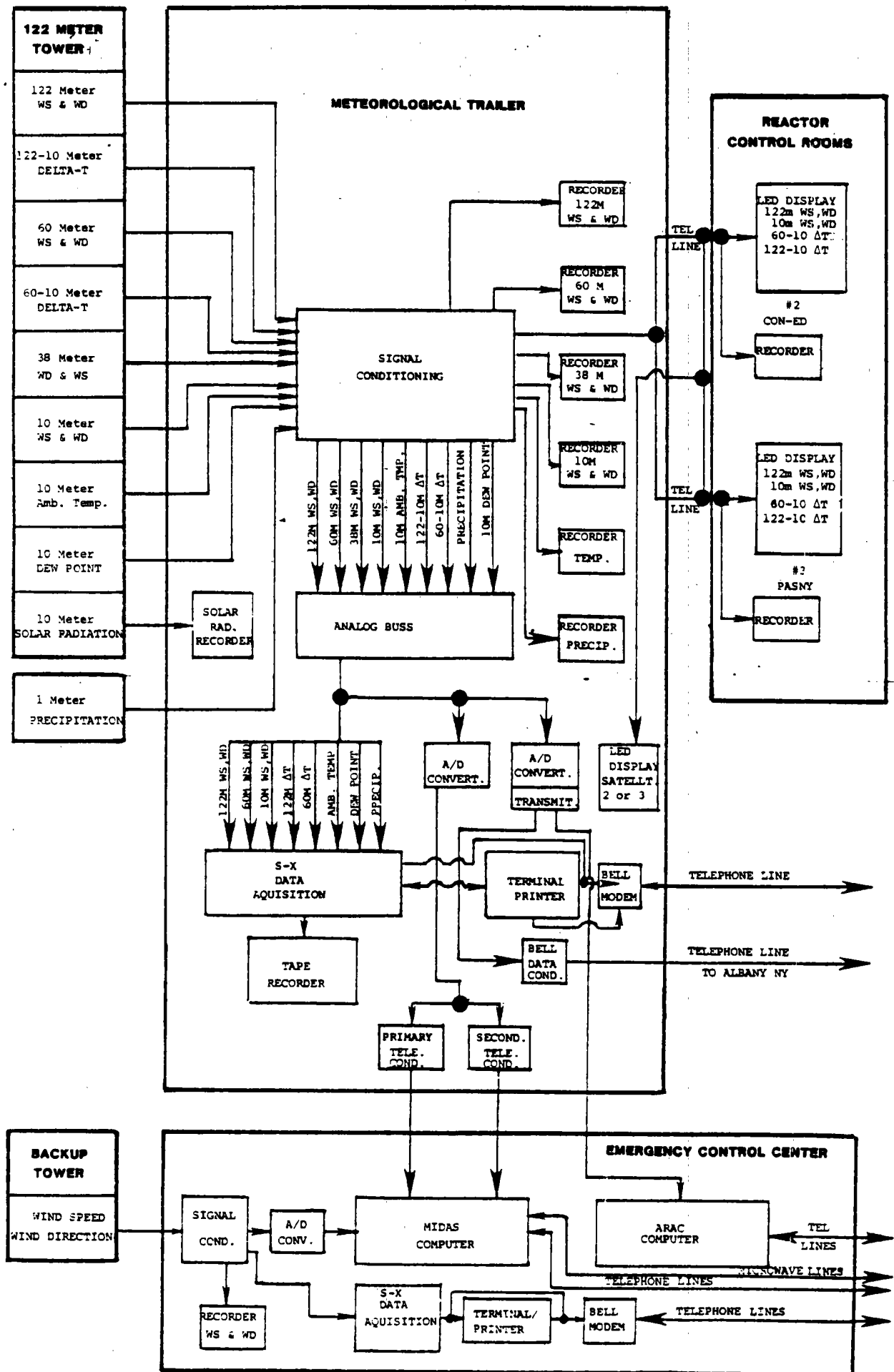




FIGURE 10A  
TWO STATION WIND CORRELATION  
DATA PERIOD  
OCTOBER 1973

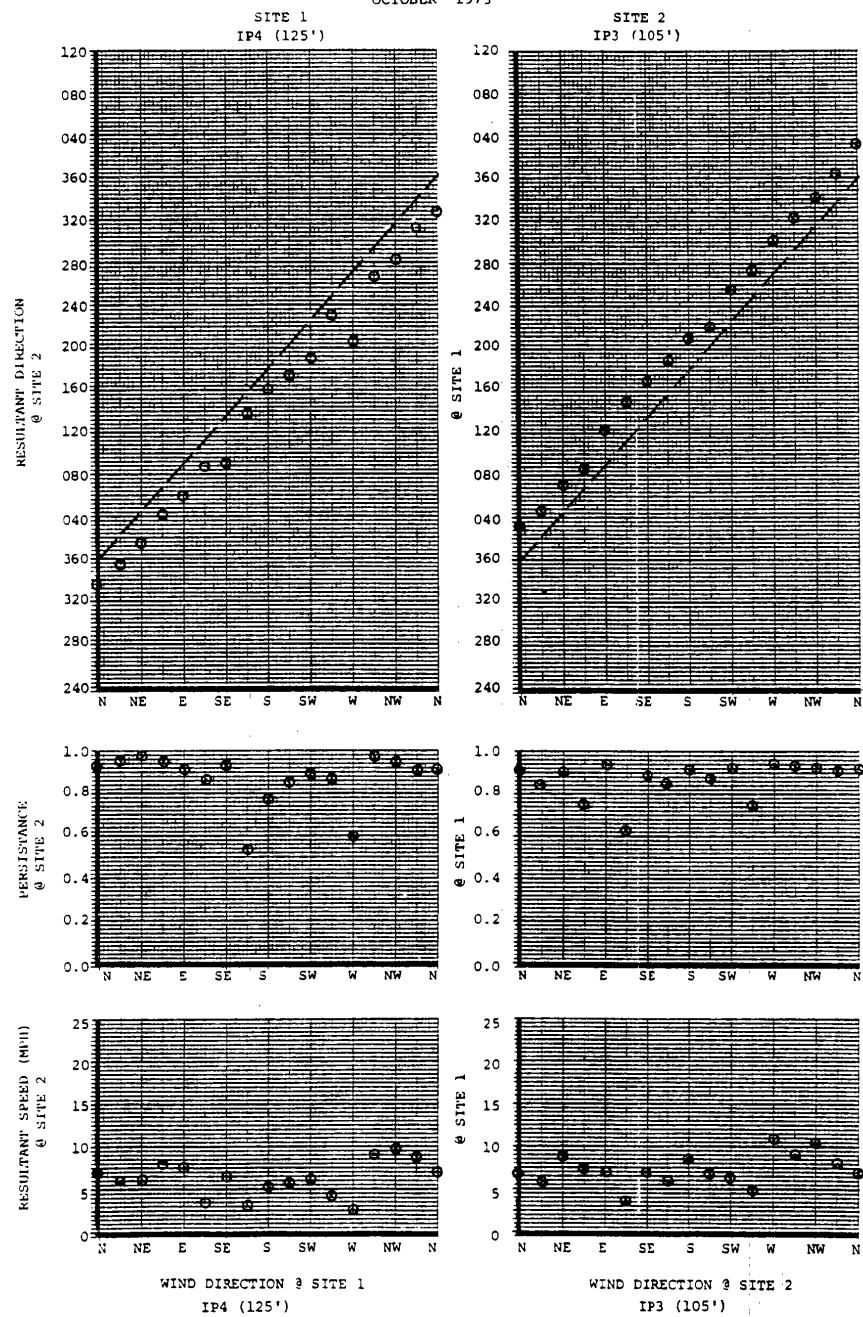


FIGURE 10B  
TWO STATION WIND CORRELATION  
DATA PERIOD  
DECEMBER 1973

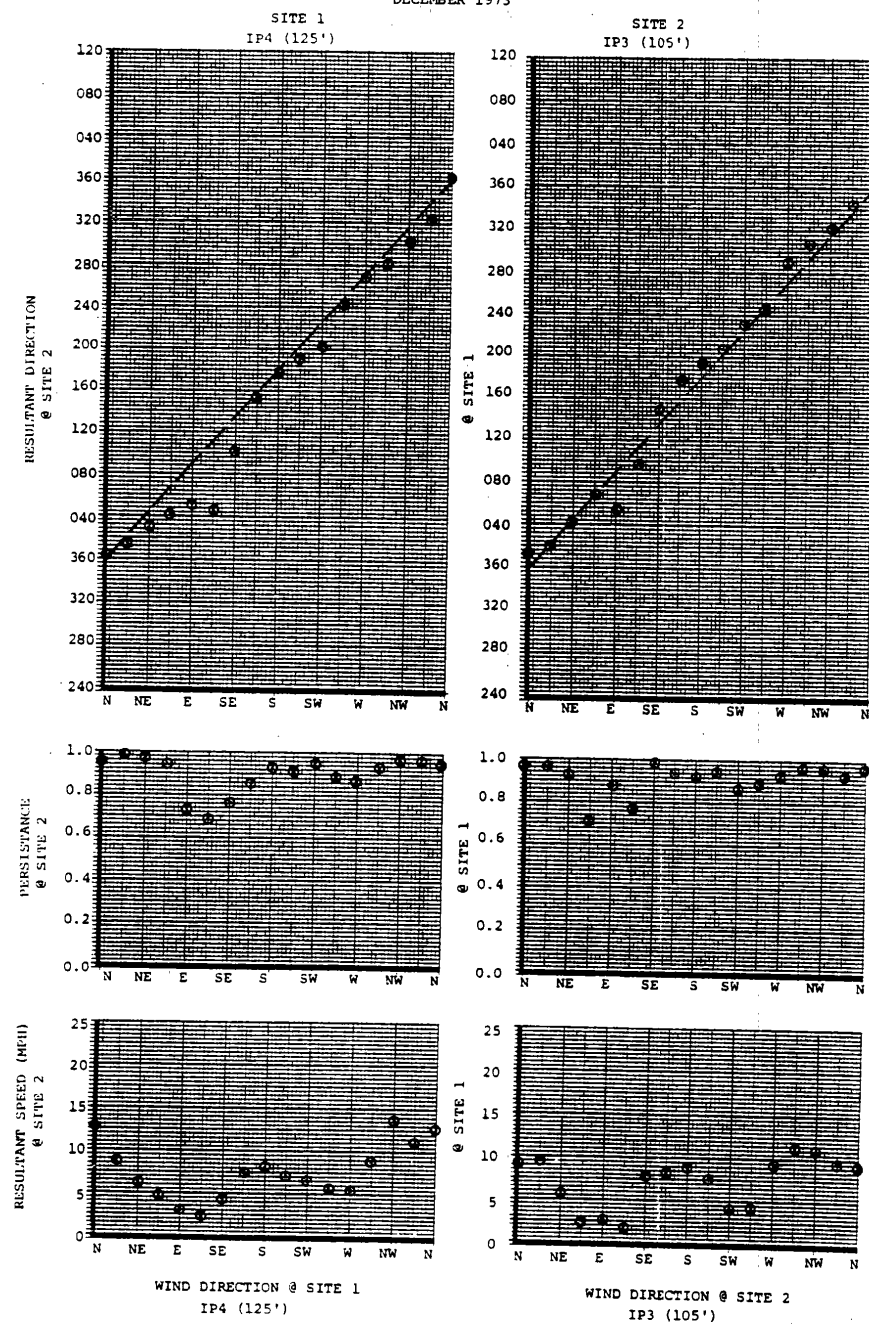
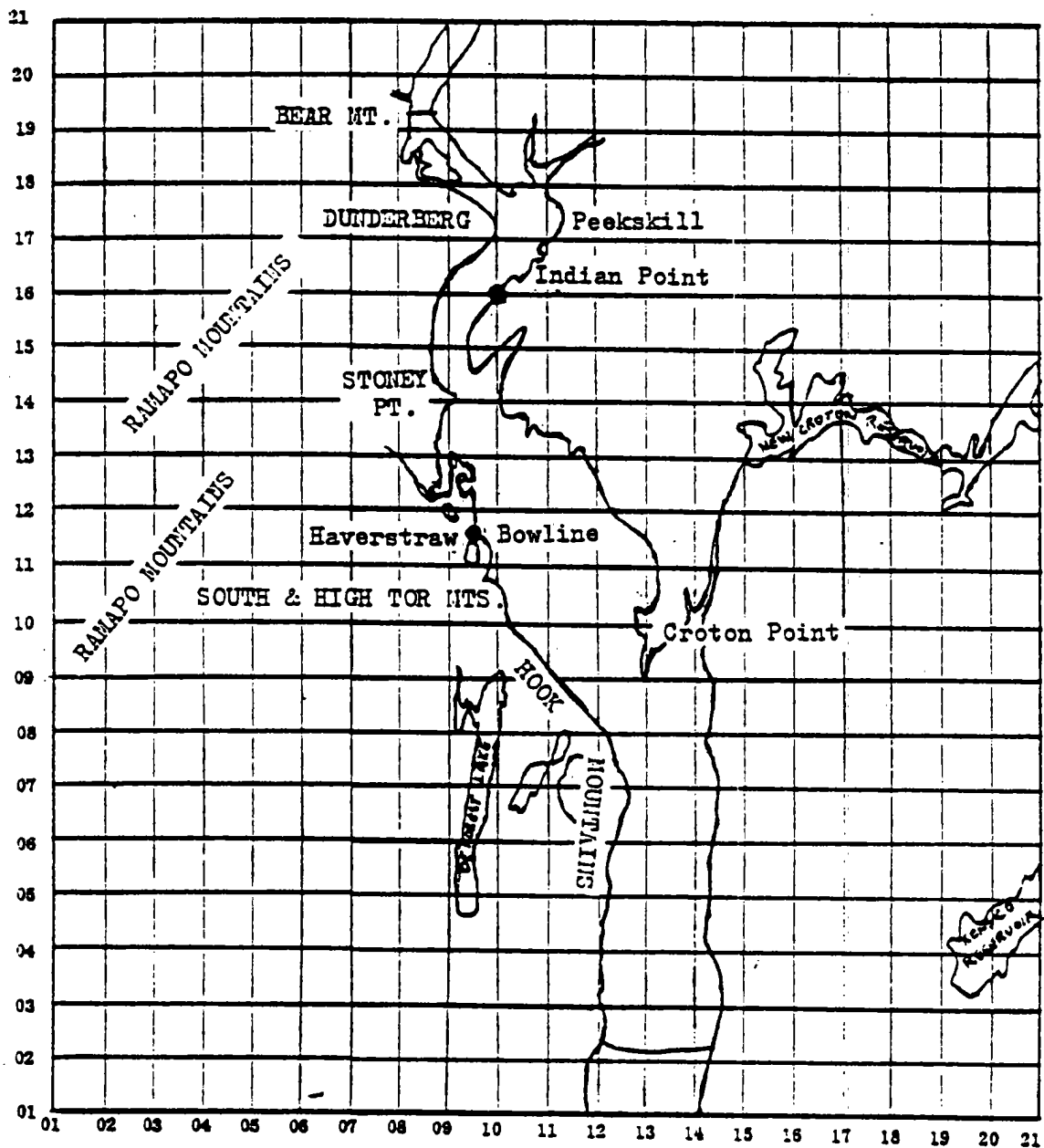


FIGURE 11  
 POSITION OF ONE MILE GRID  
 IN RELATION TO  
 TOPOGRAPHIC FEATURES



### PATTERN 1

[illegible]

**PATTERN 2**

[illegible]

FIGURE 13

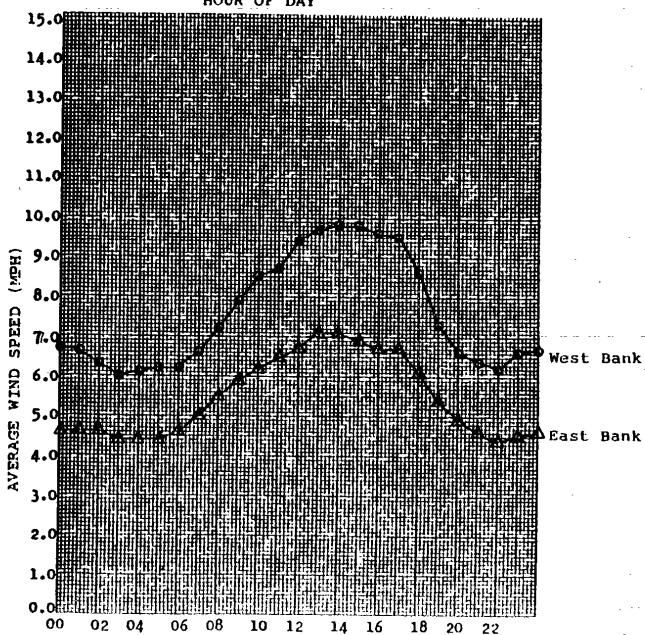
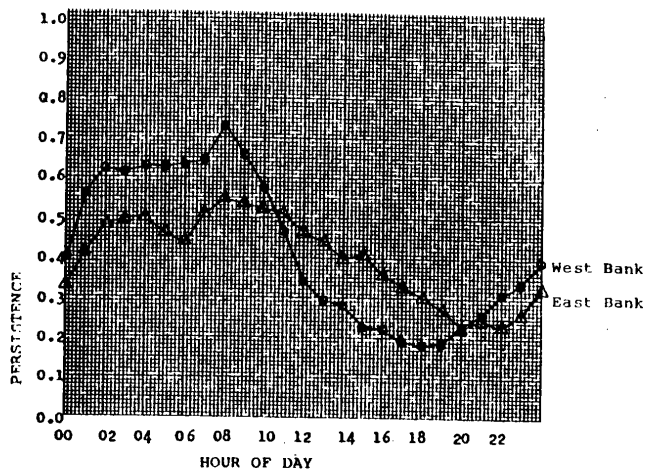
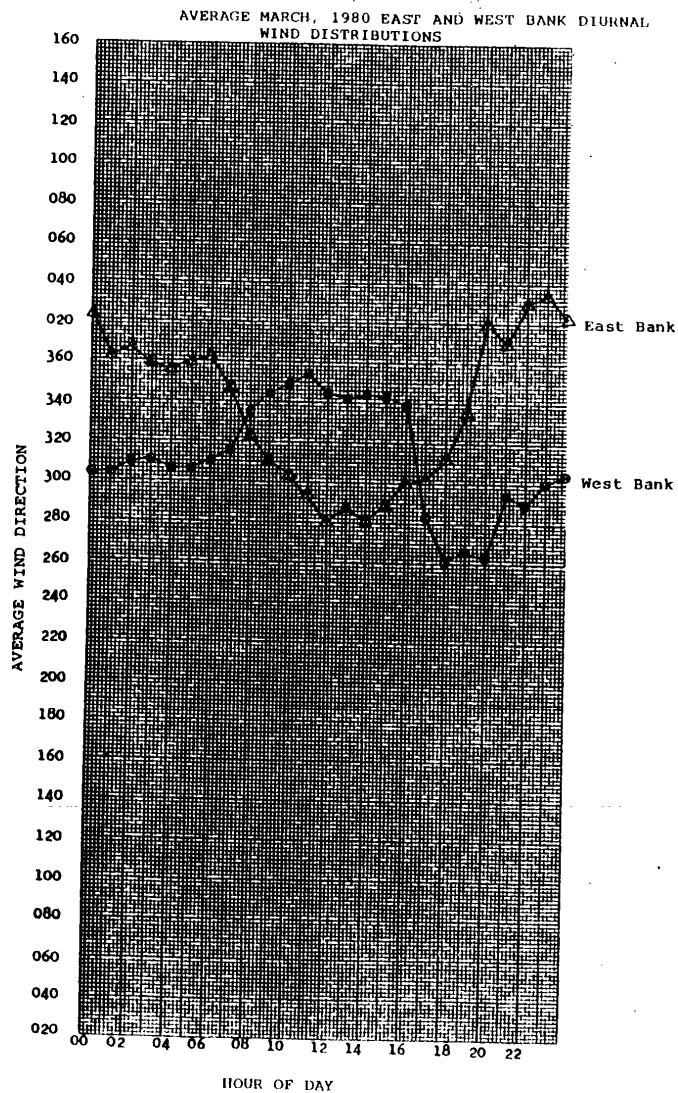


FIGURE 14

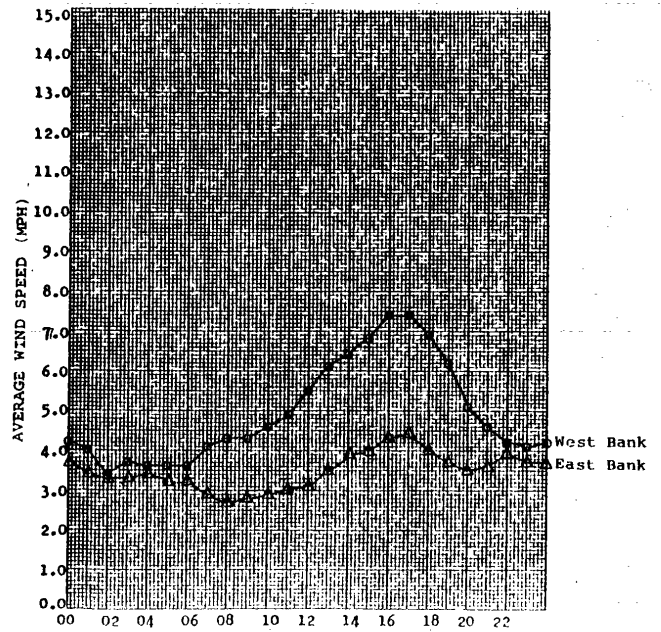
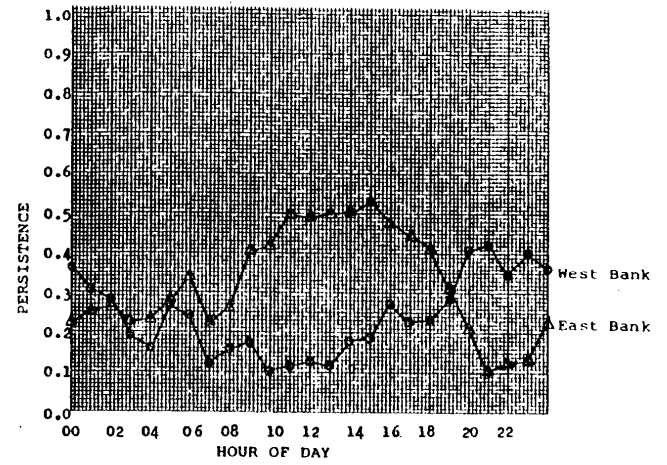
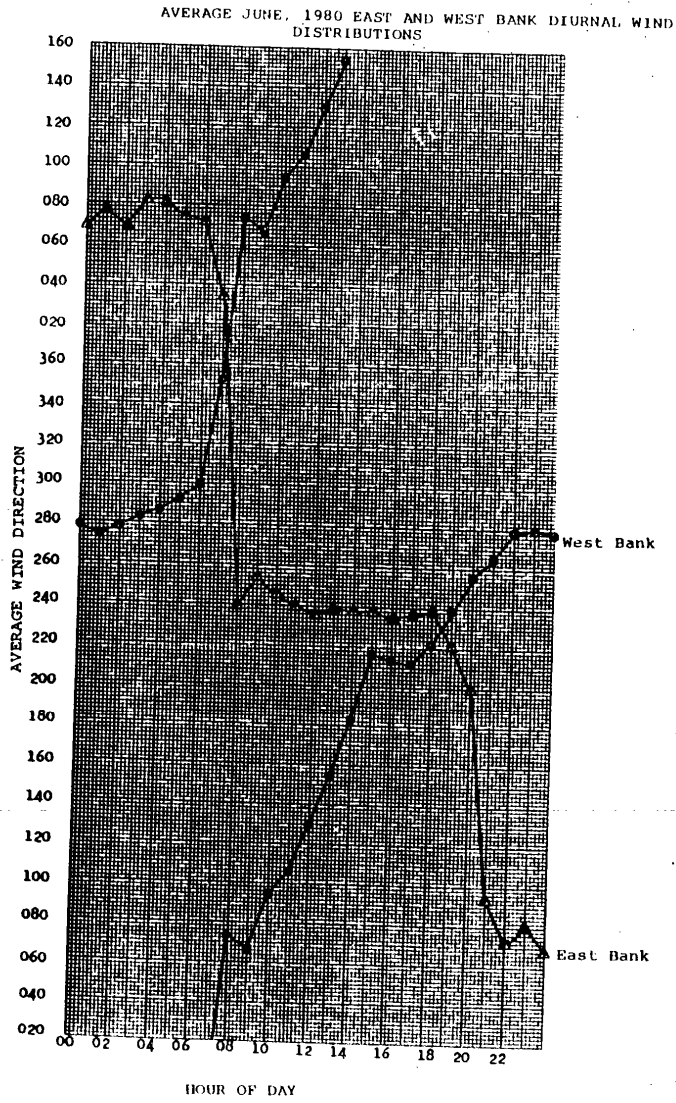




FIGURE 15

AVERAGE DECEMBER, 1980 EAST AND WEST BANK DIURNAL  
WIND DISTRIBUTIONS

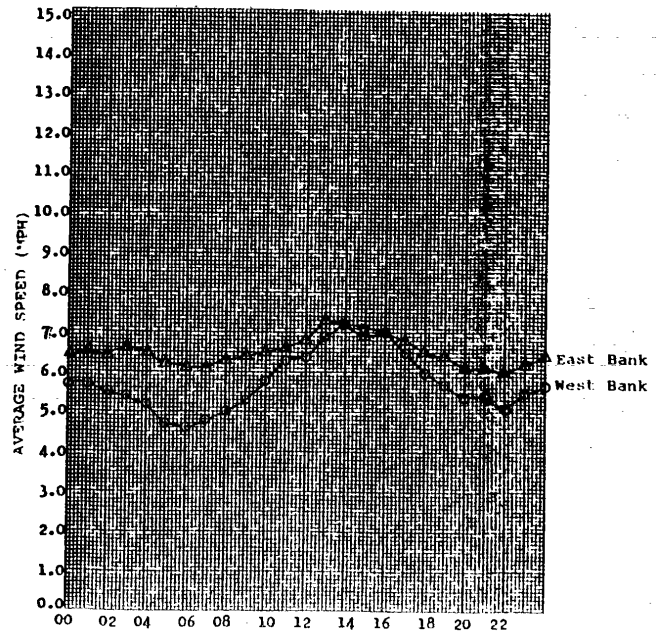
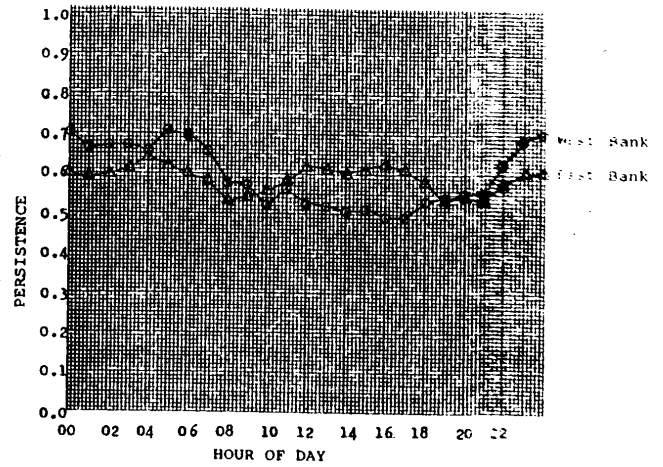
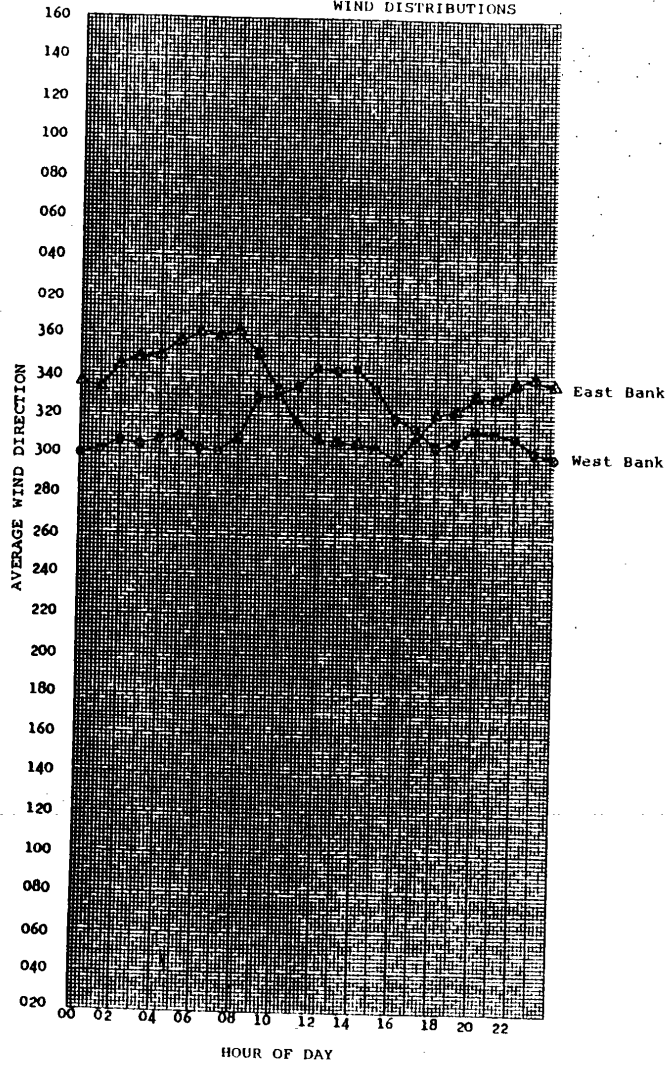


FIGURE 16

# **LOCATIONS OF MONITORING SITES IN RELATION TO ONE MILE GRID**

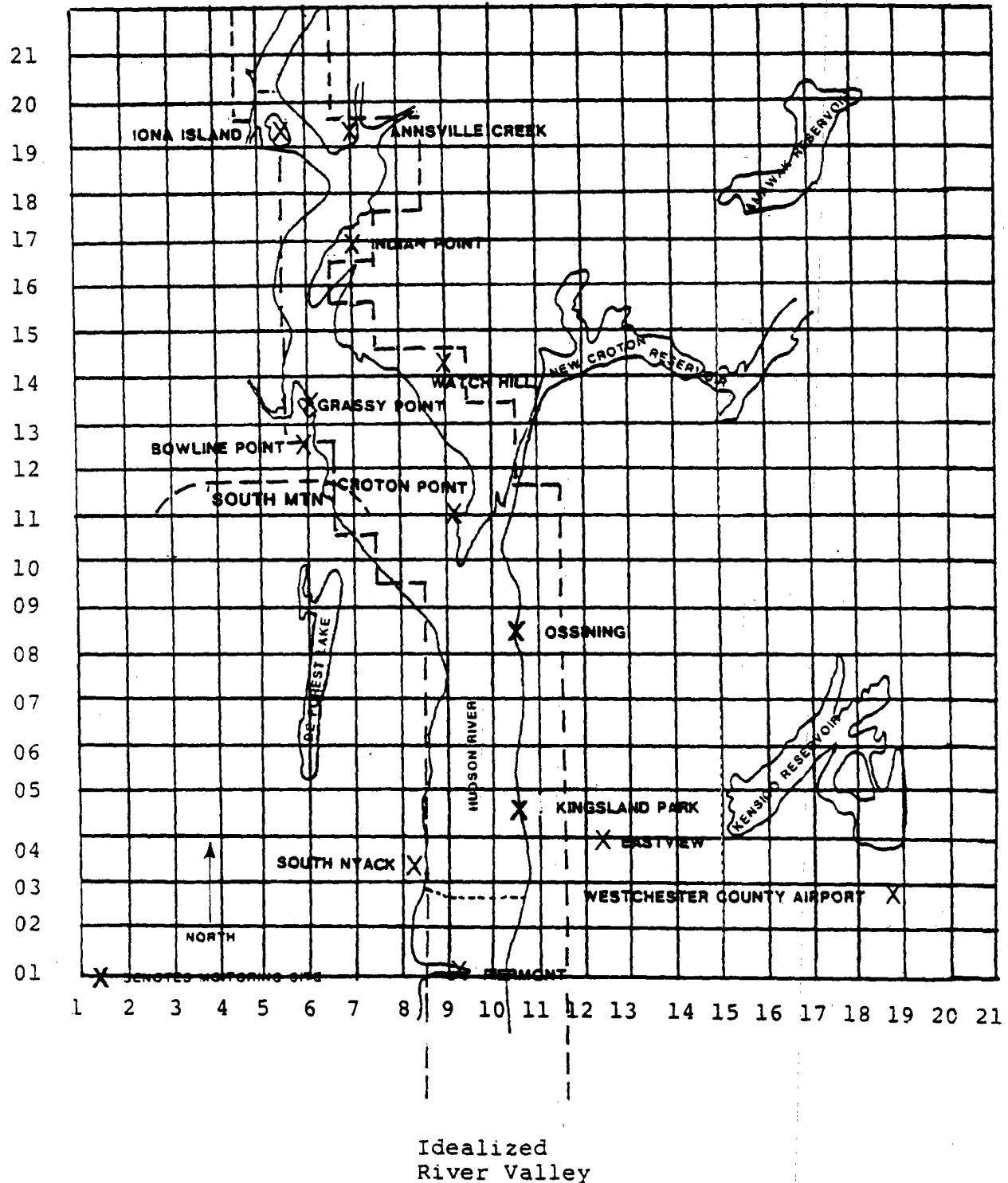


FIGURE 17  
COMPARISON OF 10M LEVEL DIURNAL WIND DISTRIBUTIONS

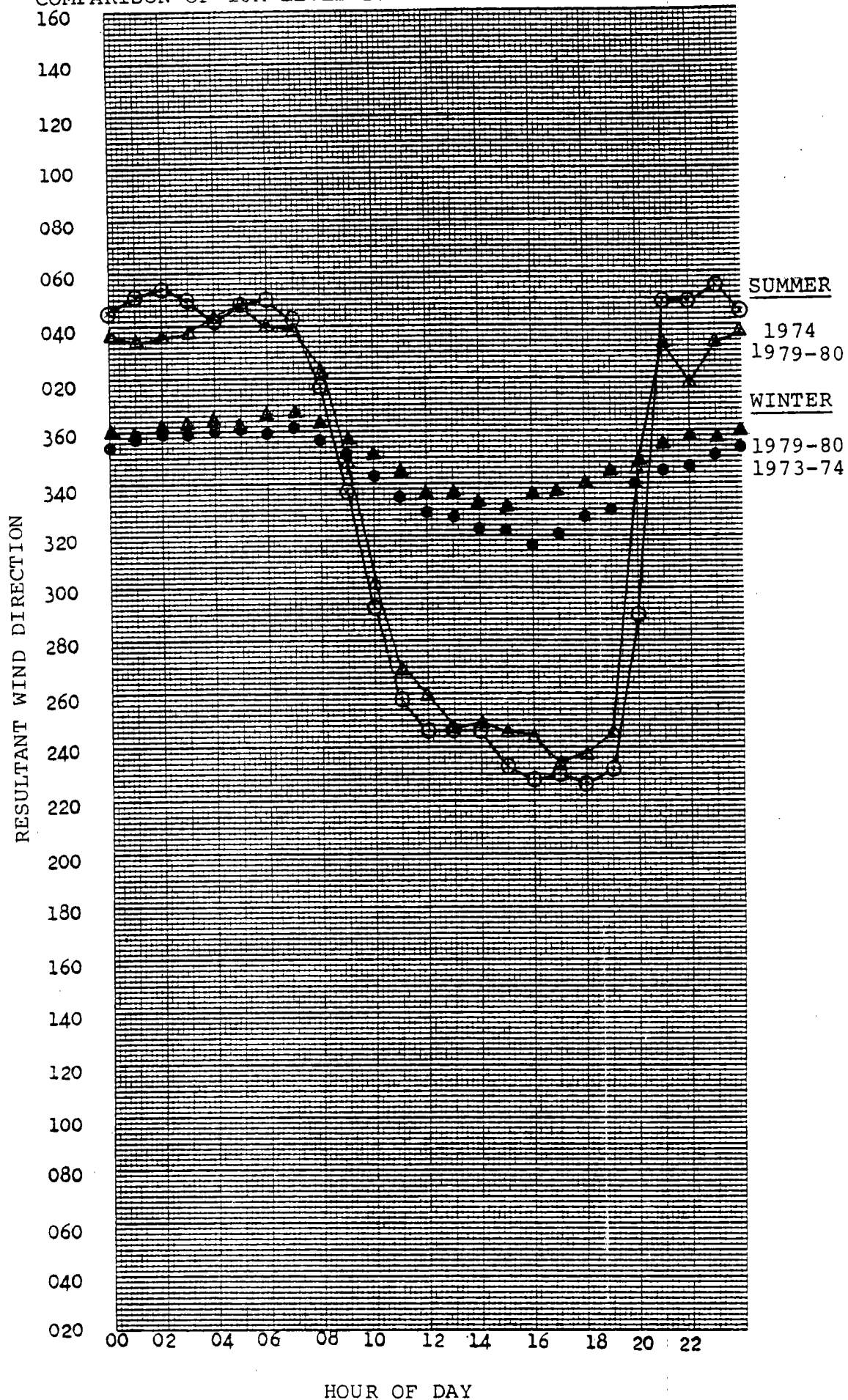


FIGURE 18  
COMPARISON OF 122M LEVEL DIURNAL AND WIND DISTRIBUTION

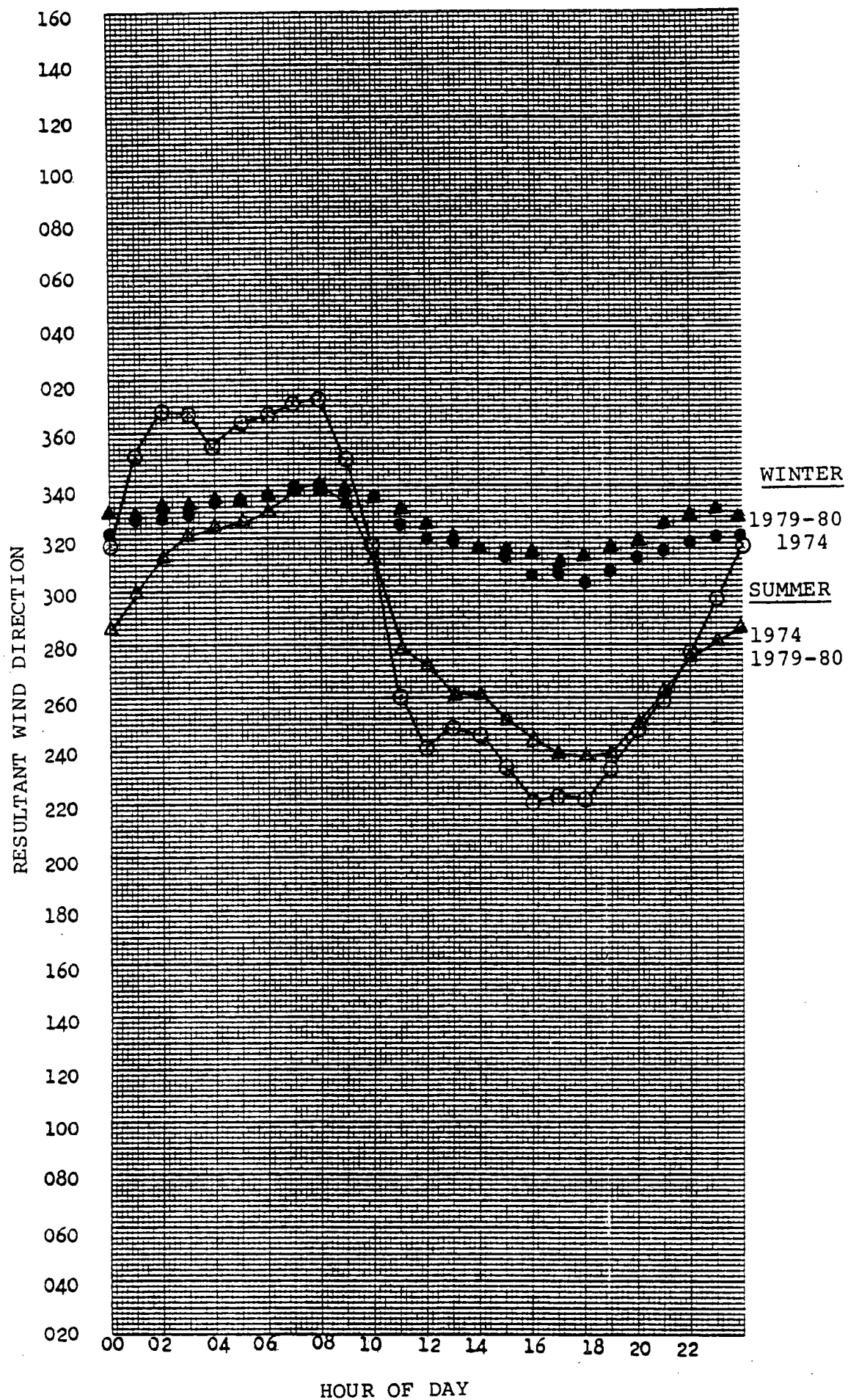


FIGURE 19  
DIURNAL DISTRIBUTION OF WIND SPEEDS

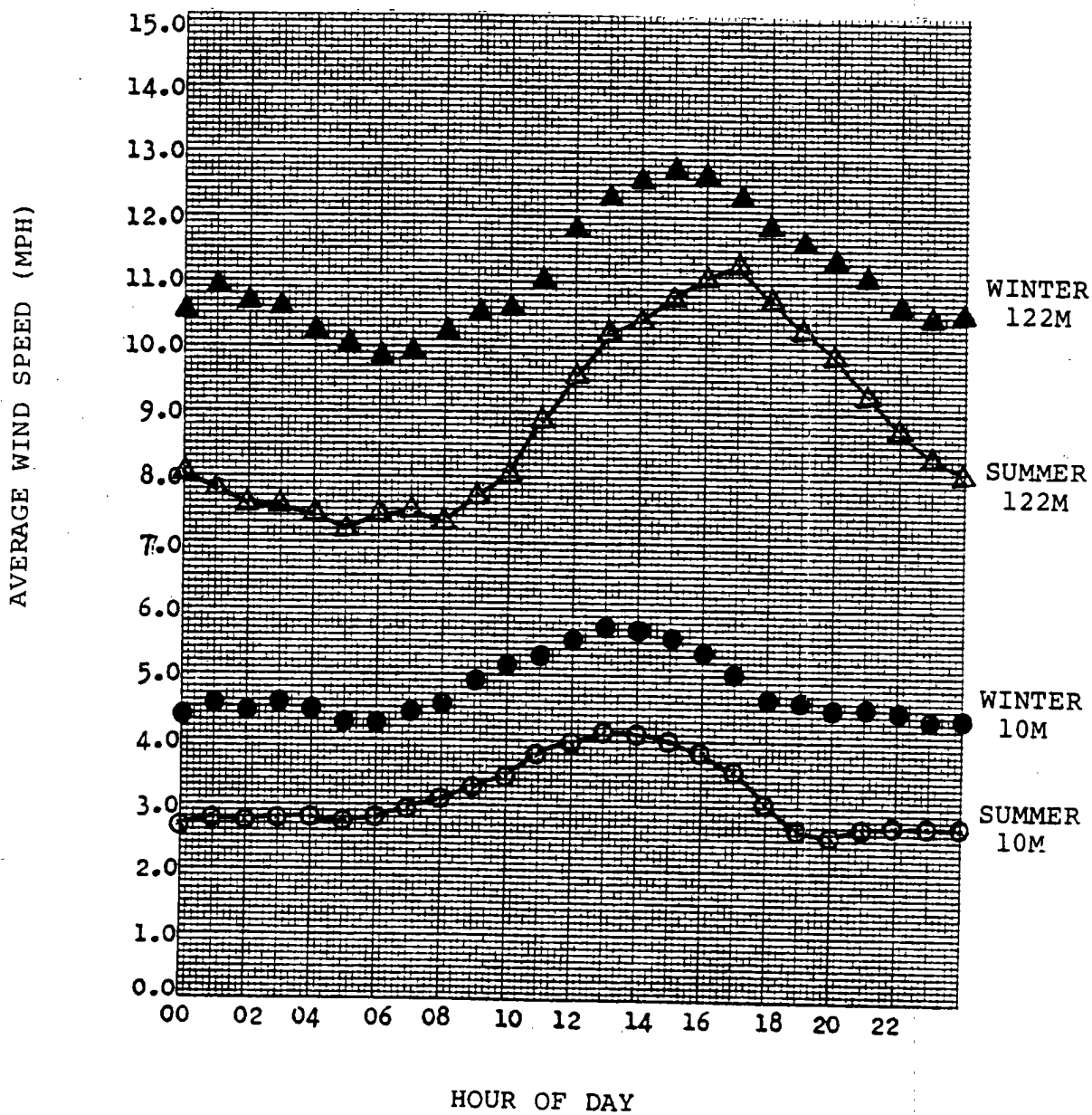
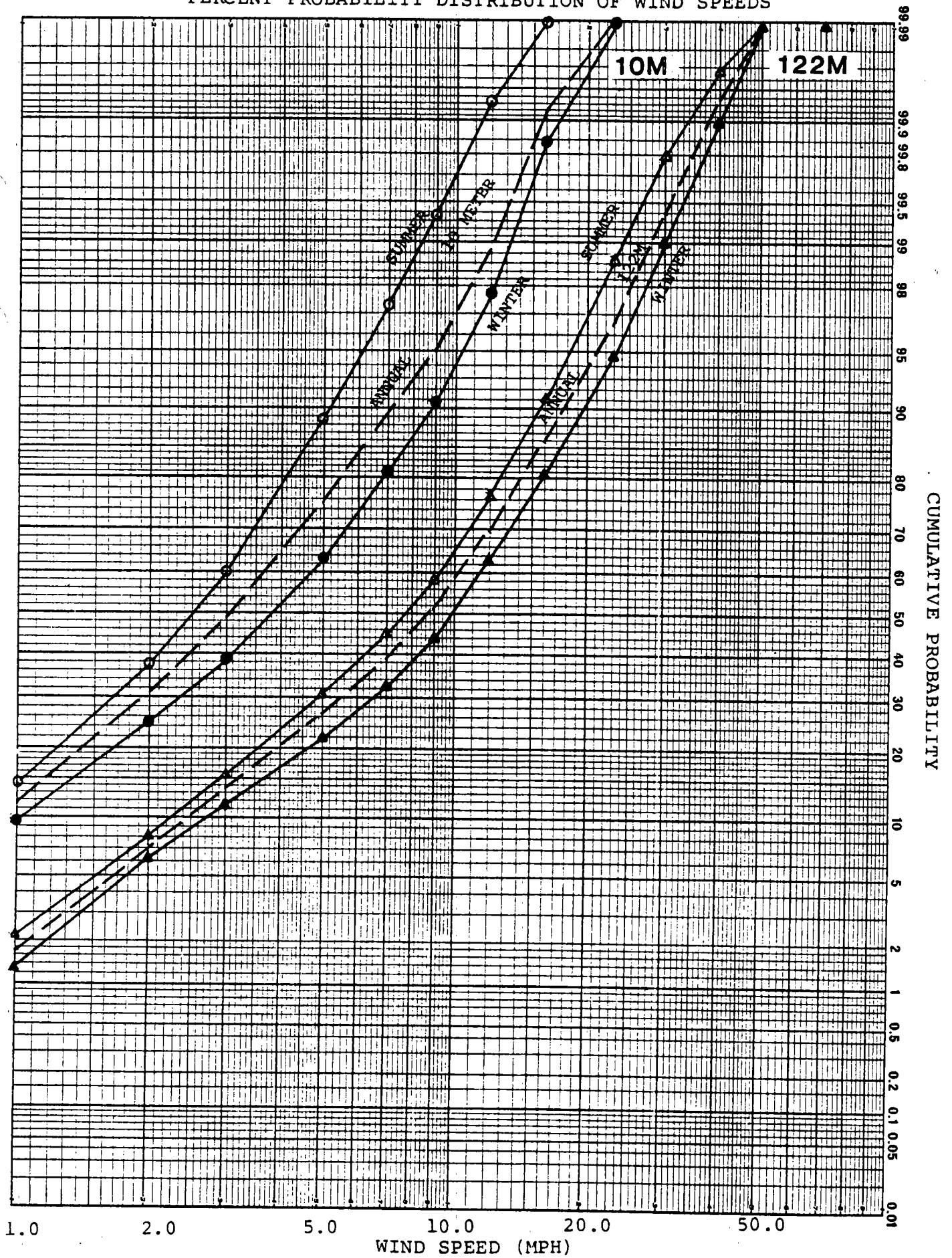
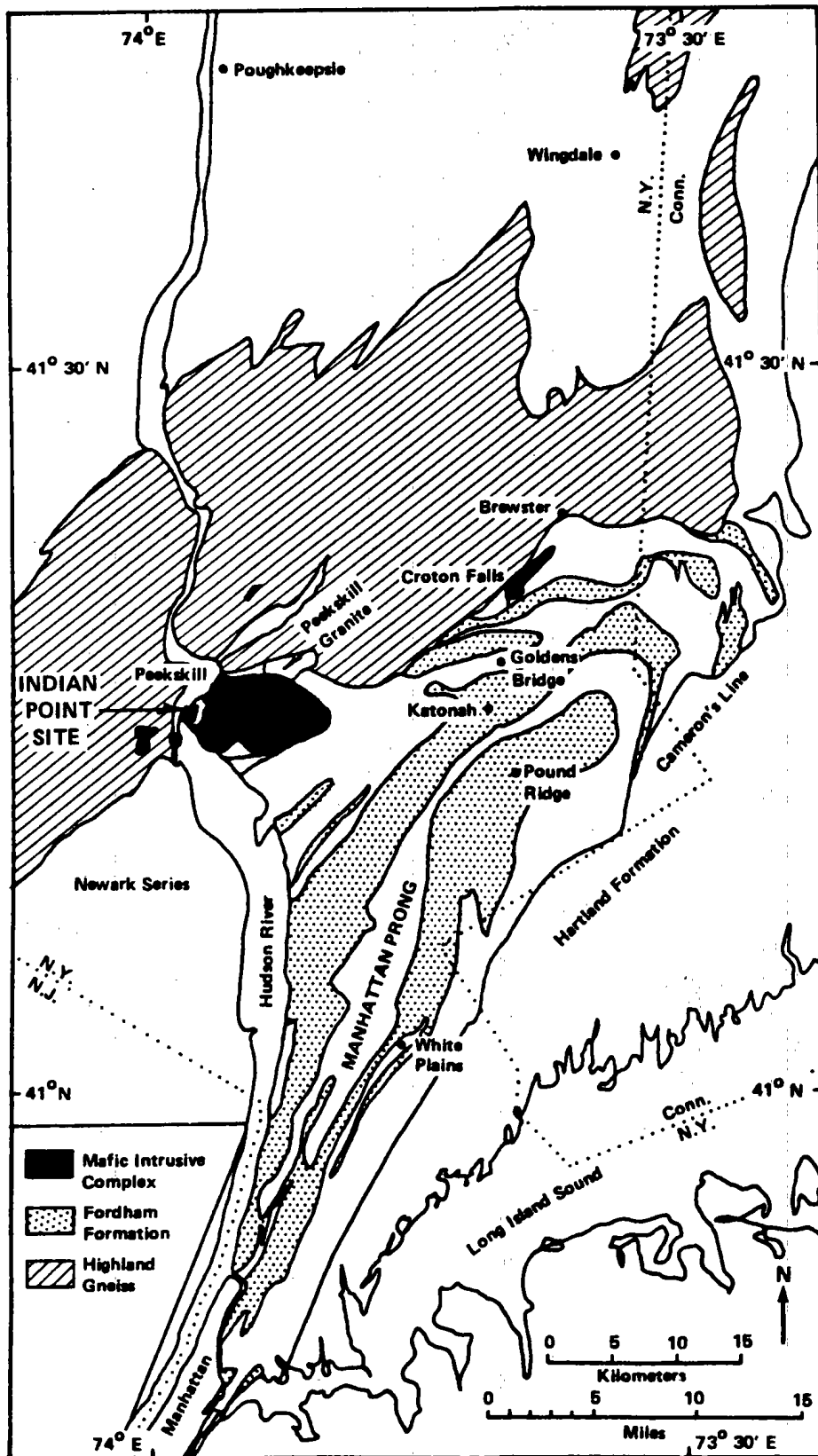


FIGURE 20

PERCENT PROBABILITY DISTRIBUTION OF WIND SPEEDS





GEOLOGIC MAP, SOUTHEASTERN NEW YORK  
(AFTER BROCK & MOSE, 1979)

FIGURE 1

