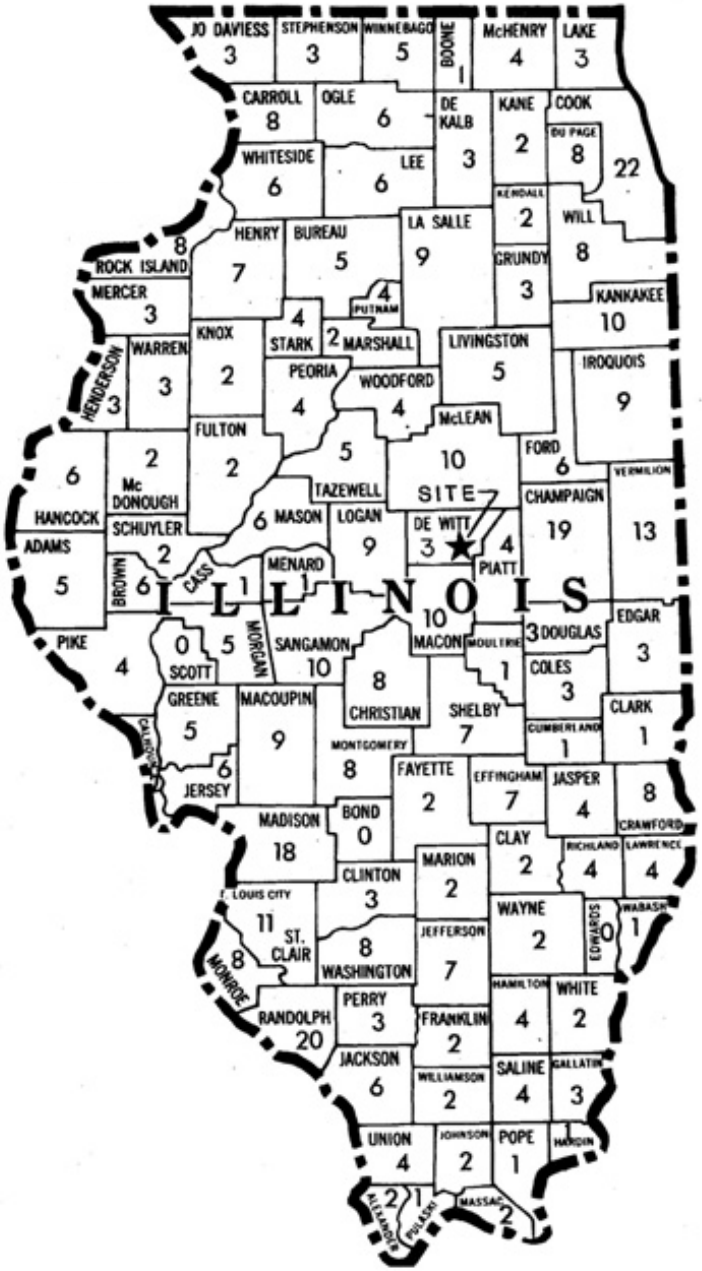


Environmental Report for the EGC Early Site Permit

Figure 2.7-1
Number of Tornadoes per County (1916-1969) 54 Year Period

Legend

9 denotes the number of tornadoes reported in Iroquois County during the period 1916-1969

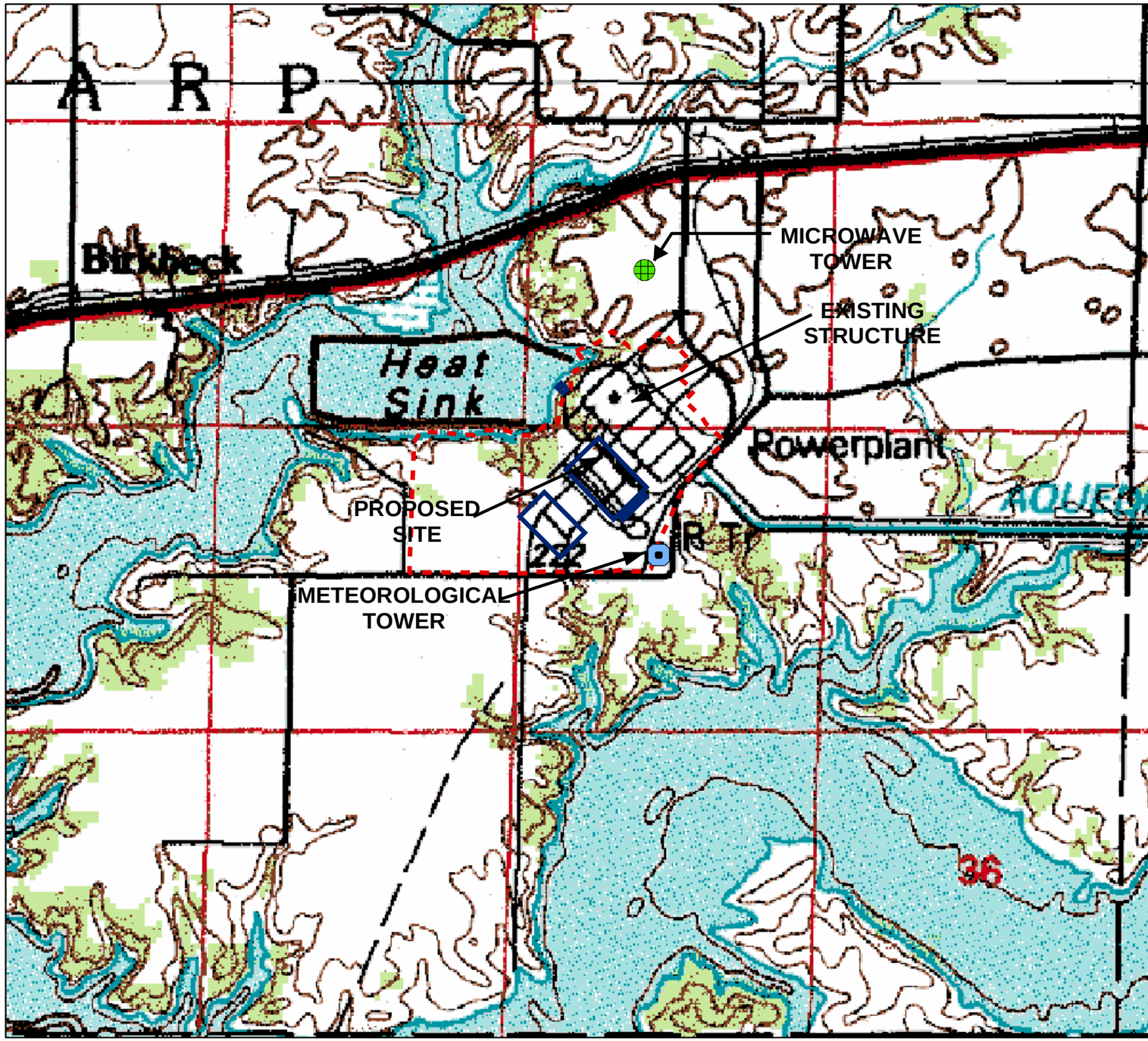
Data Source:
CPS, 2002

N

Not to Scale

Environmental Report for the EGC Early Site Permit

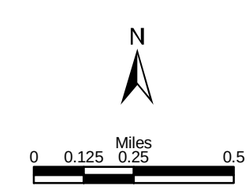
Figure 2.7-2
Topographical Map of the Site Area Meteorological Tower Location

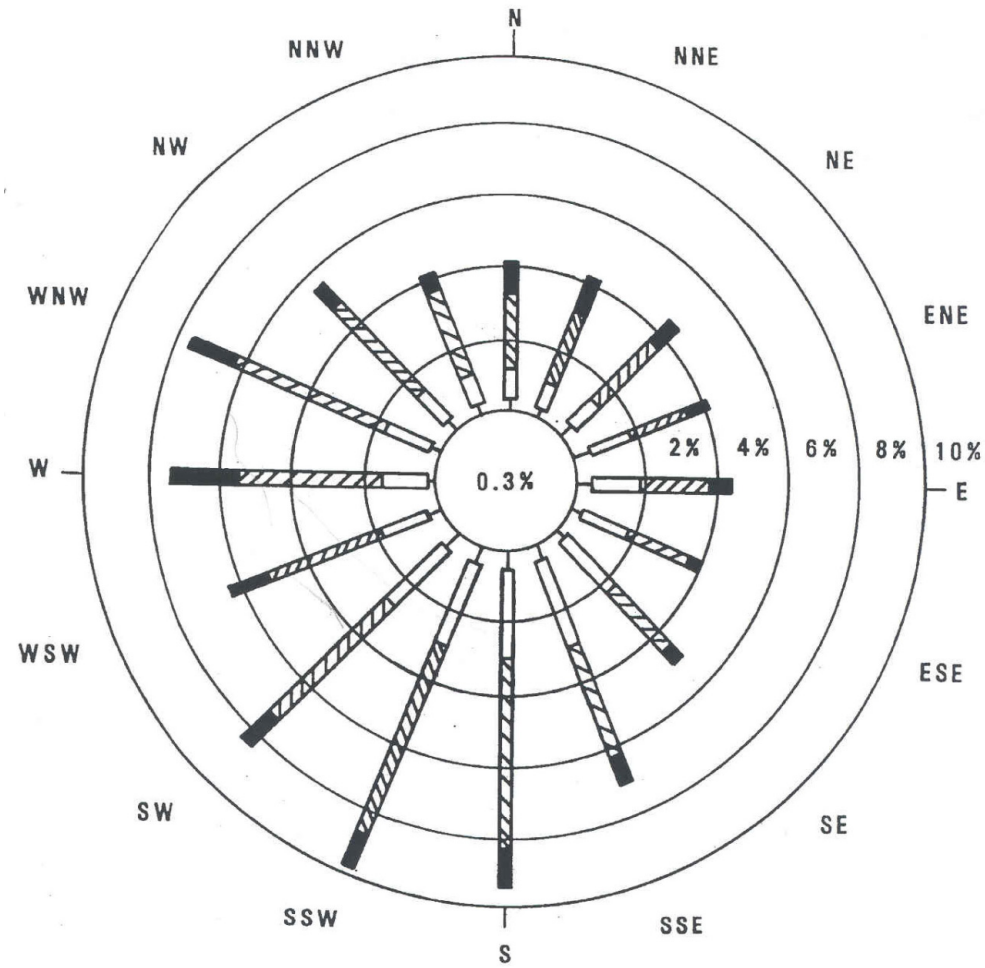


Legend

- Site Boundary: Fenceline
- Proposed Areas for EGC ESP Facility Structures

Data Sources:
USGS, 1984 and 1989

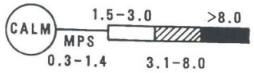




Environmental Report for the EGC Early Site Permit

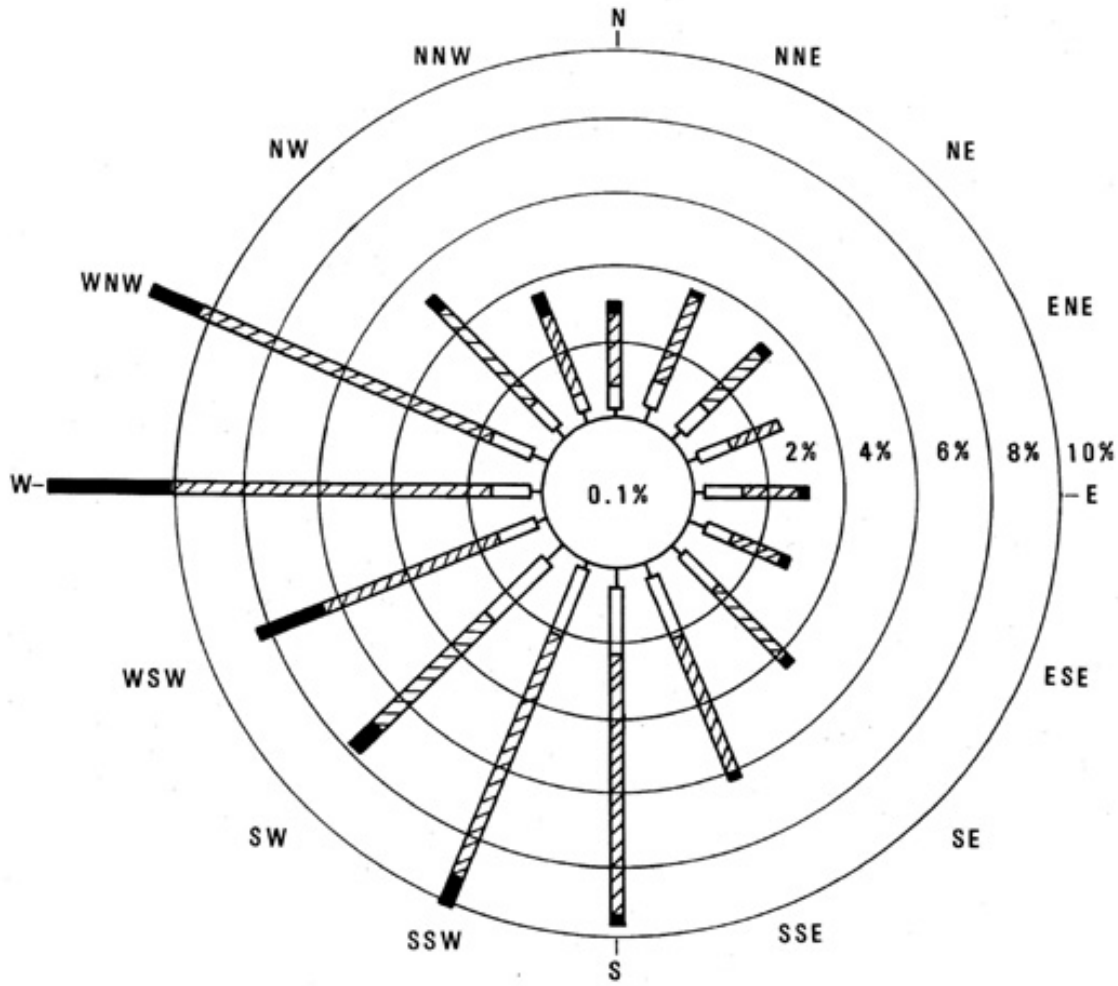
Figure 2.7-3
Wind Rose, 10-Meter Level, Clinton Power Station Site, Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

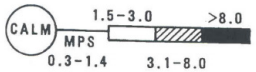
Not to Scale



Environmental Report for the EGC Early Site Permit

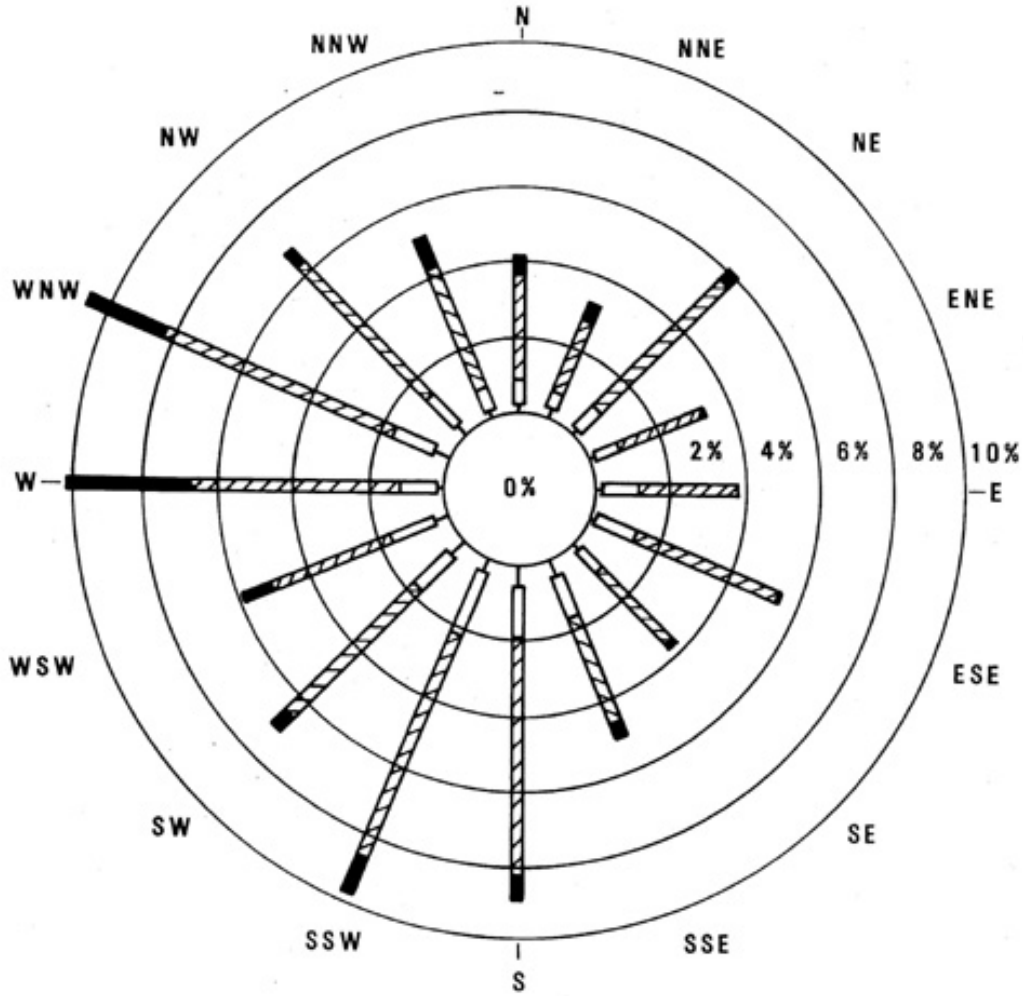
Figure 2.7-4
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite January
Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

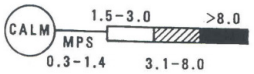
Not to Scale



Environmental Report for the EGC Early Site Permit

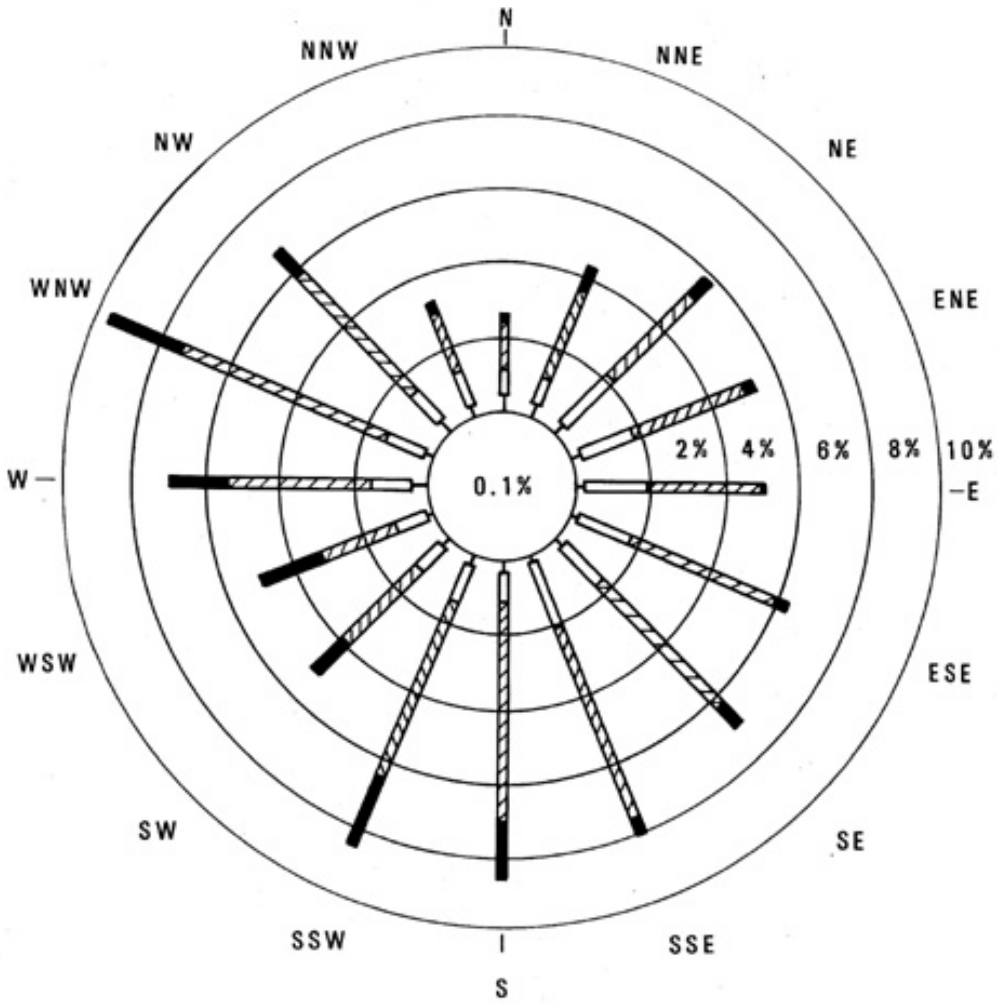
Figure 2.7-5
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite February Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

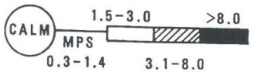
Not to Scale



Environmental Report for the EGC Early Site Permit

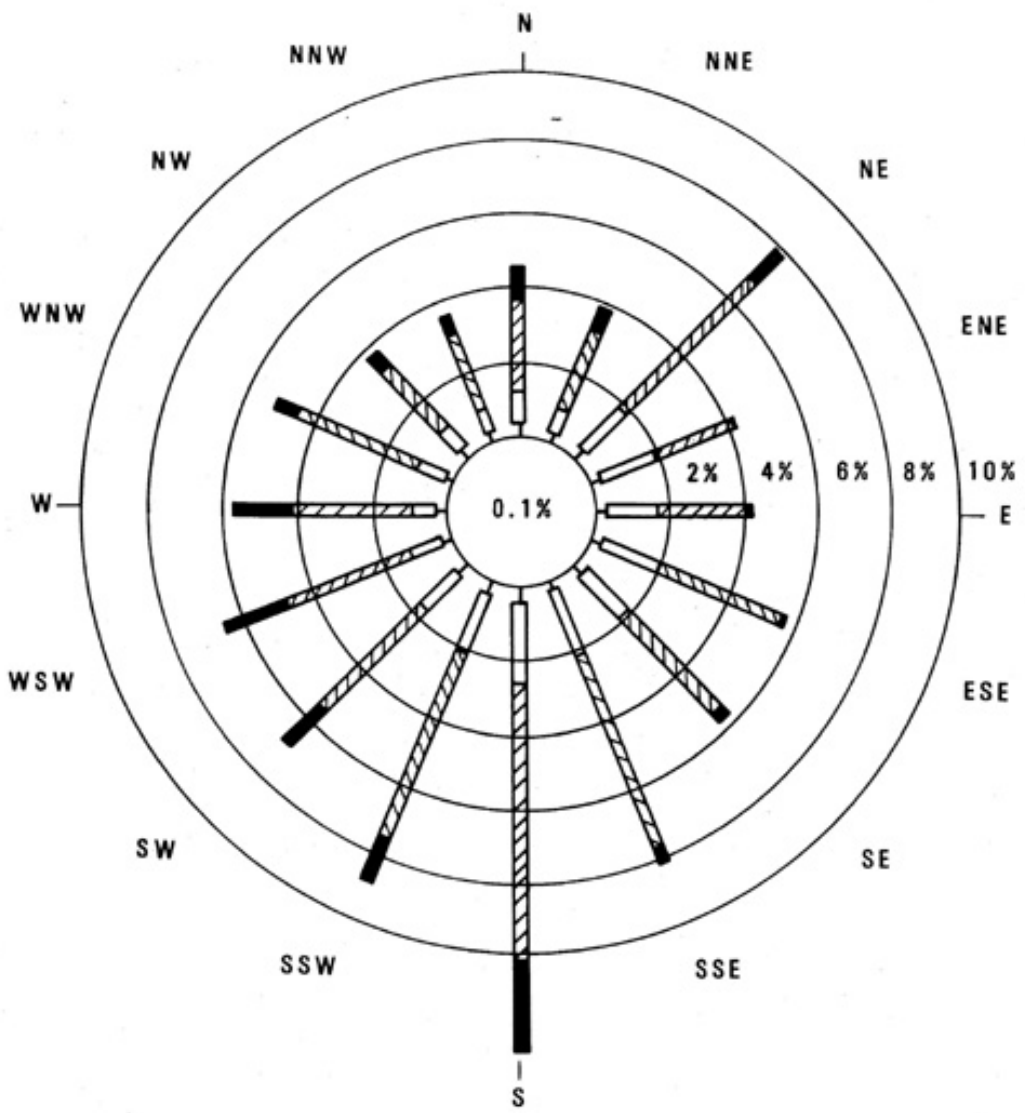
Figure 2.7-6
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite March
Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

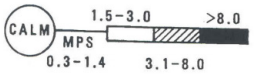
Not to Scale



Environmental Report for the EGC Early Site Permit

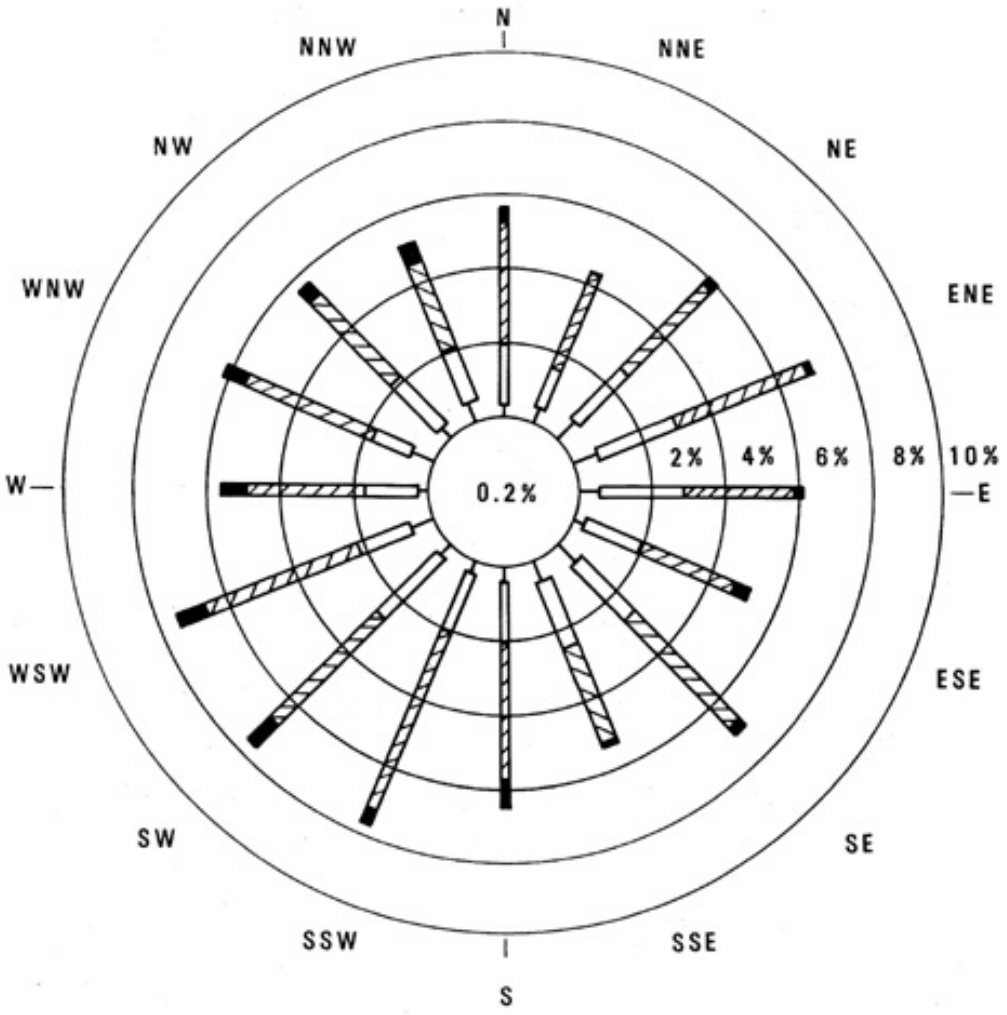
Figure 2.7-7
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite April
Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

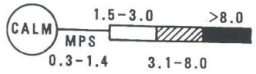
Not to Scale



Environmental Report for the EGC Early Site Permit

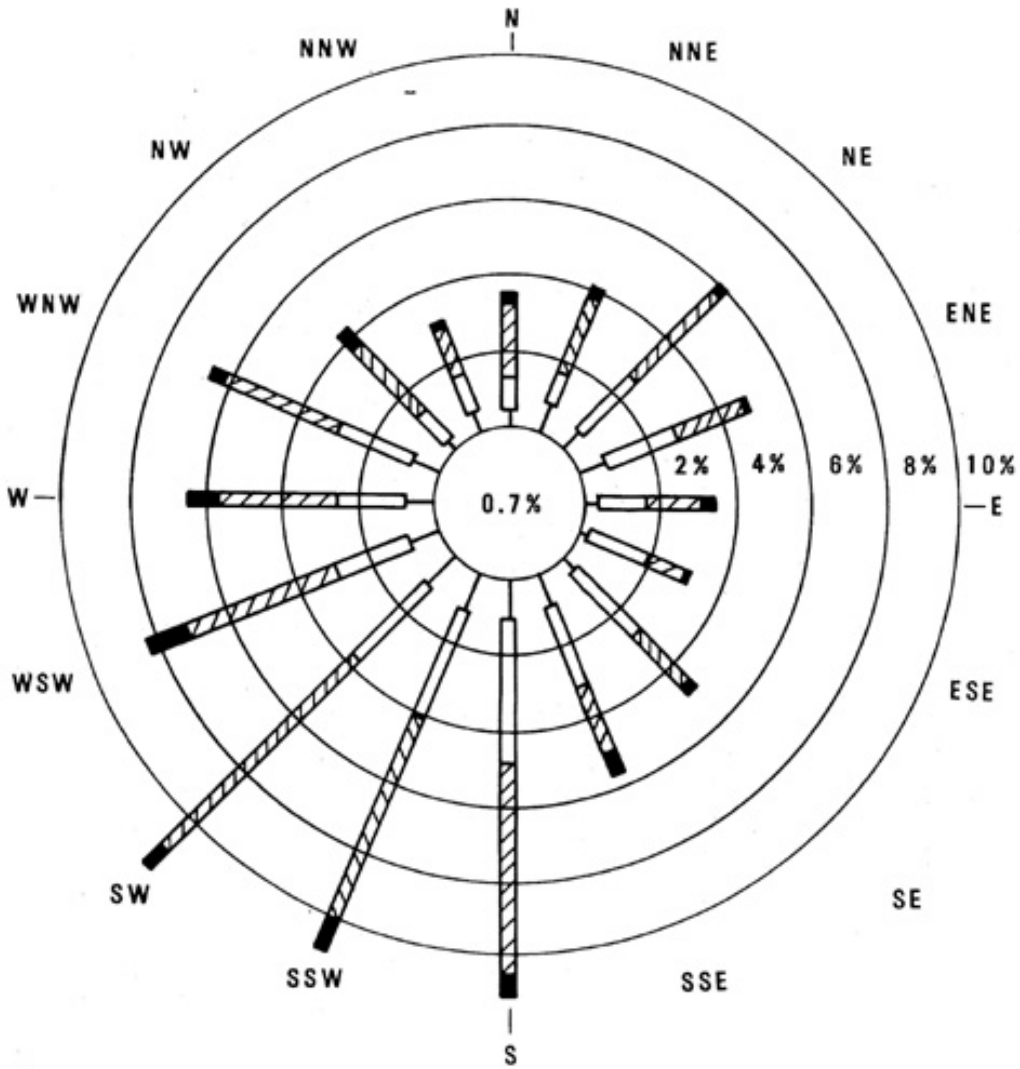
Figure 2.7-8
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite May
Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

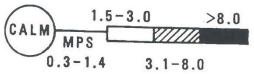
Not to Scale



Environmental Report for the EGC Early Site Permit

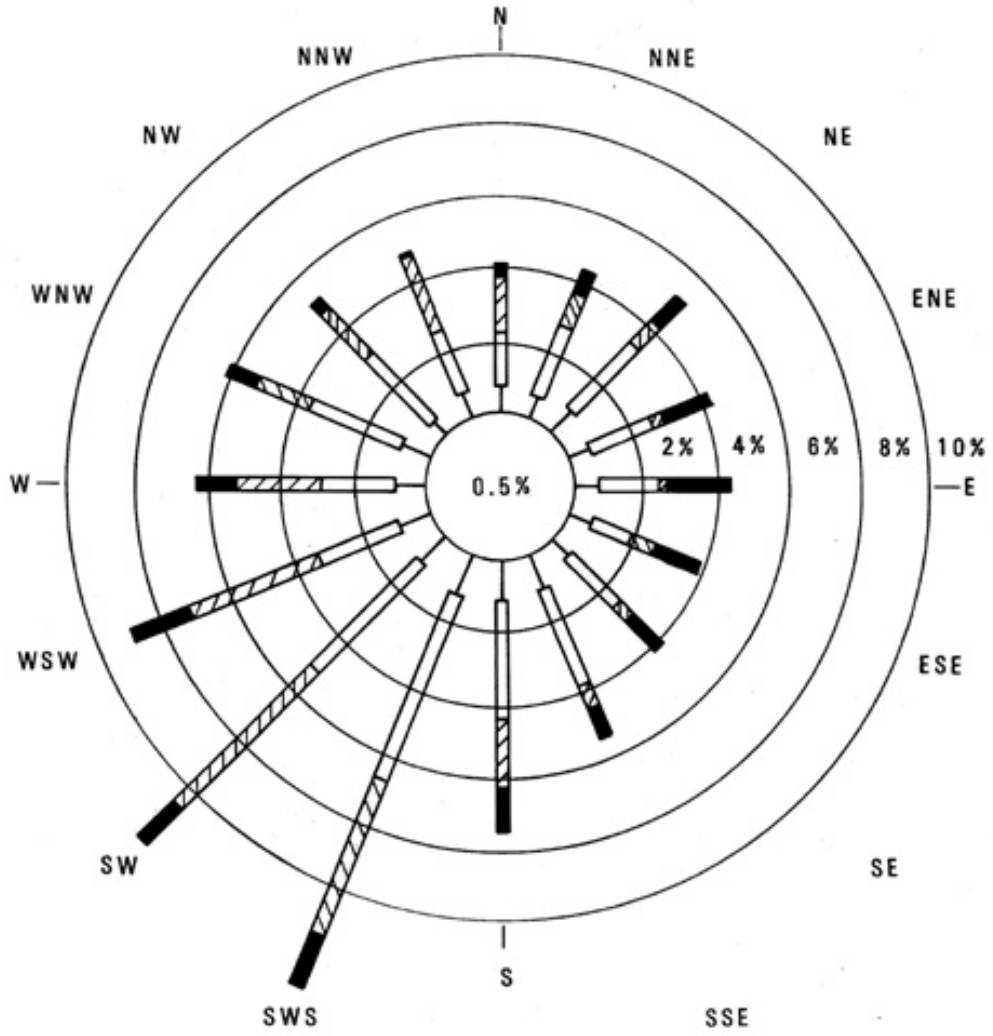
Figure 2.7-9
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite June
Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

Not to Scale



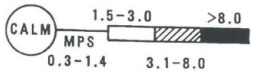
Environmental Report for the EGC Early Site Permit

Figure 2.7-10

Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite July

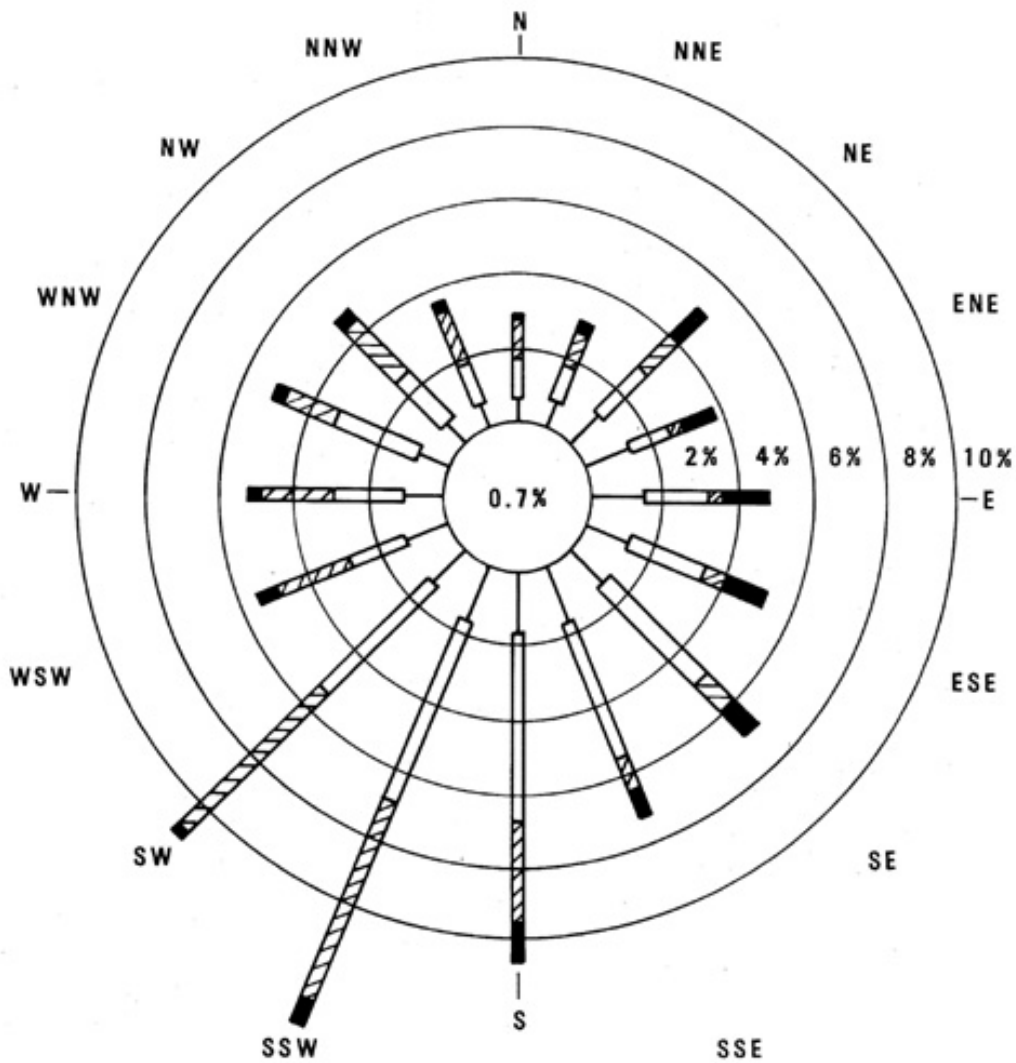
Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

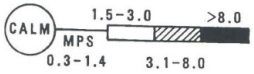
Not to Scale



Environmental Report for the EGC Early Site Permit

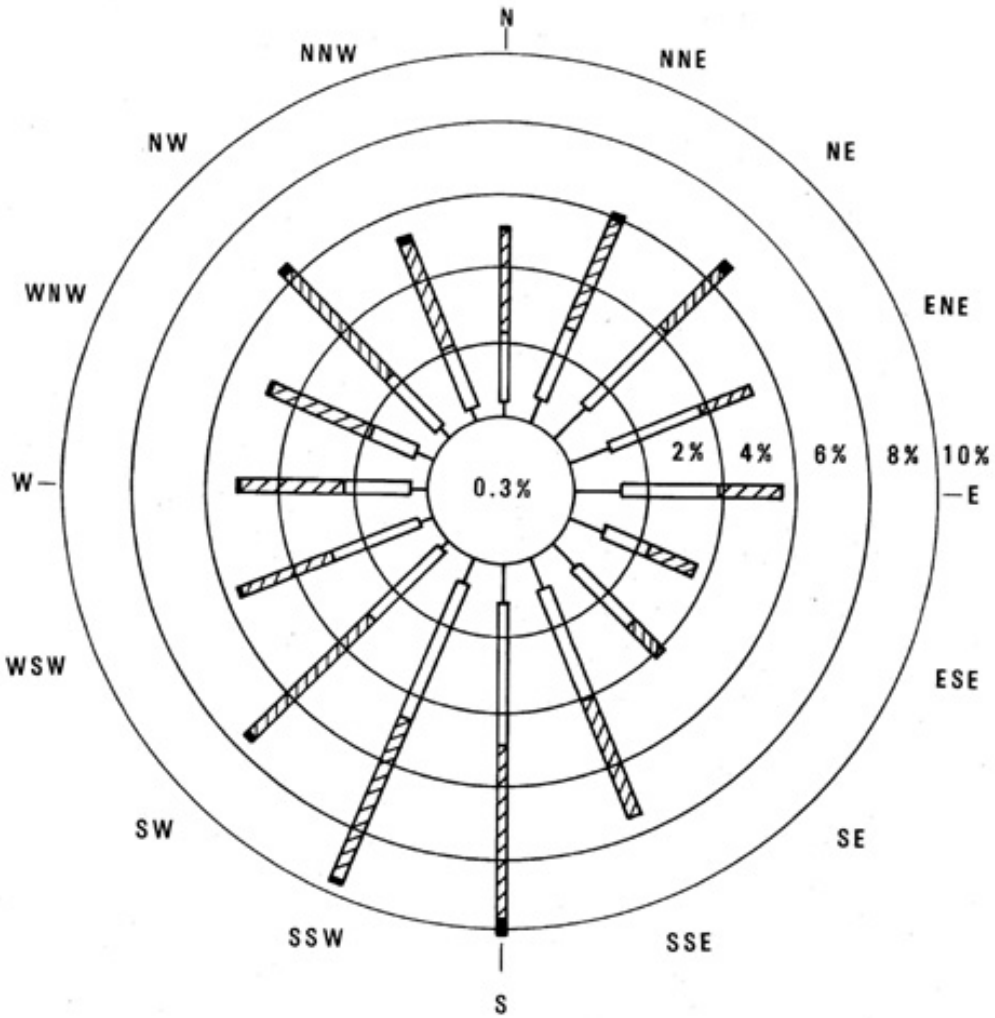
Figure 2.7-11
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite August
Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

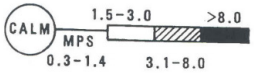
Not to Scale



Environmental Report for the EGC Early Site Permit

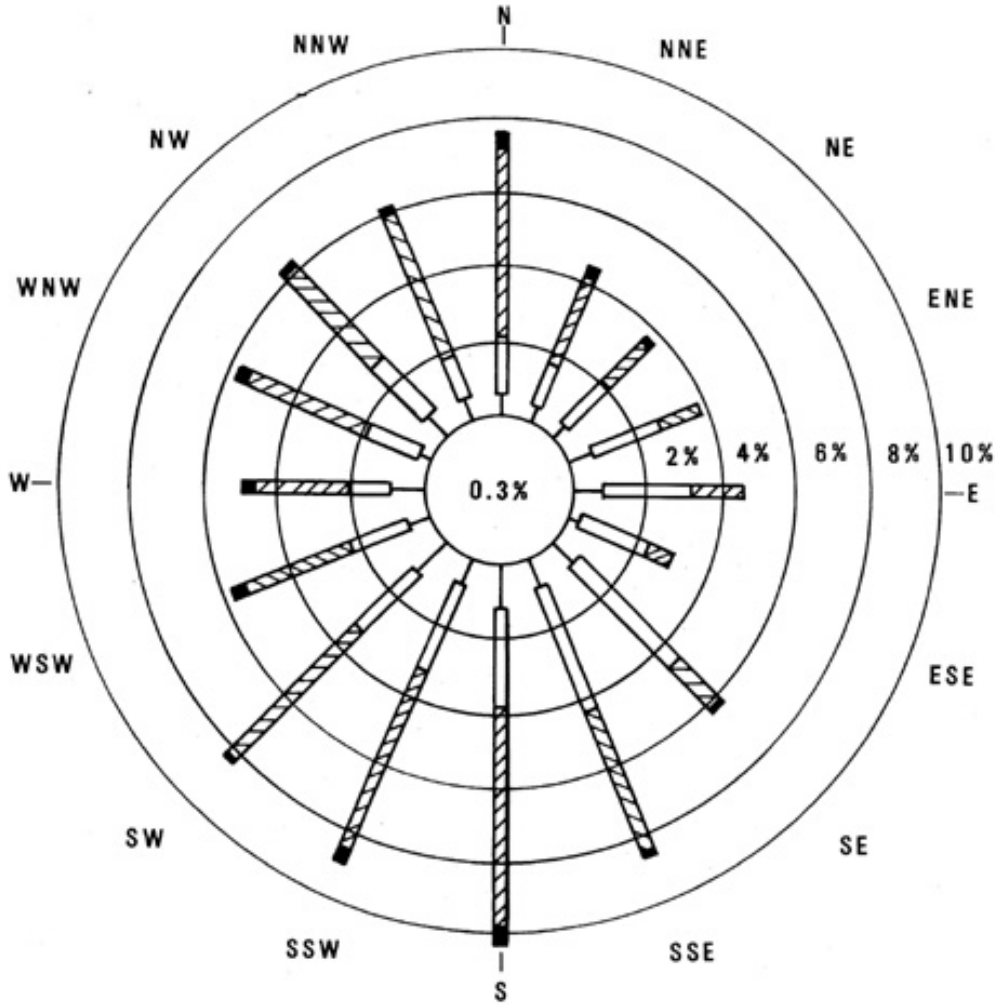
Figure 2.7-12
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite September Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

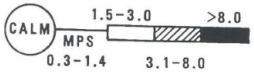
Not to Scale



Environmental Report for the EGC Early Site Permit

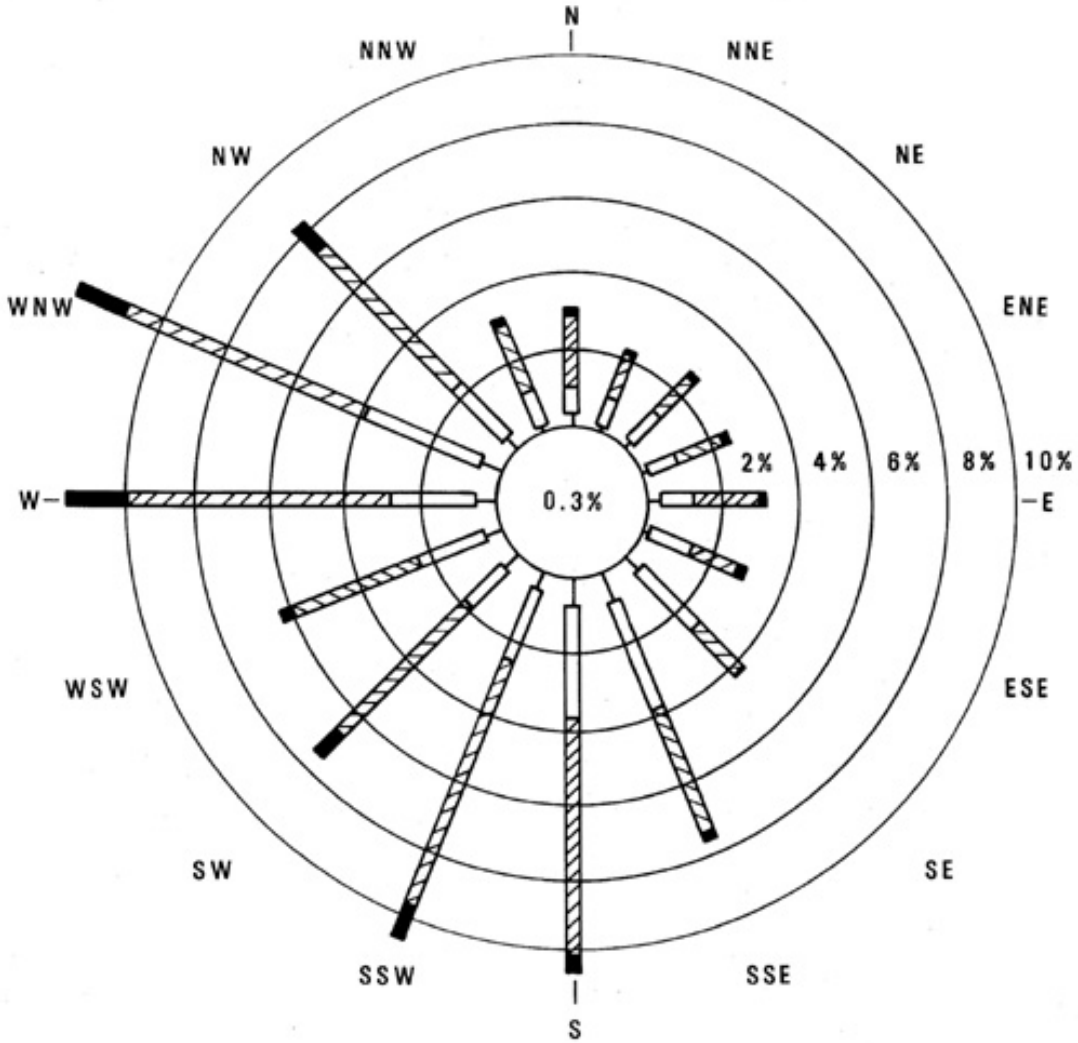
Figure 2.7-13
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite October Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

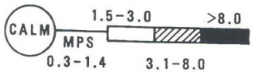
Not to Scale



Environmental Report for the EGC Early Site Permit

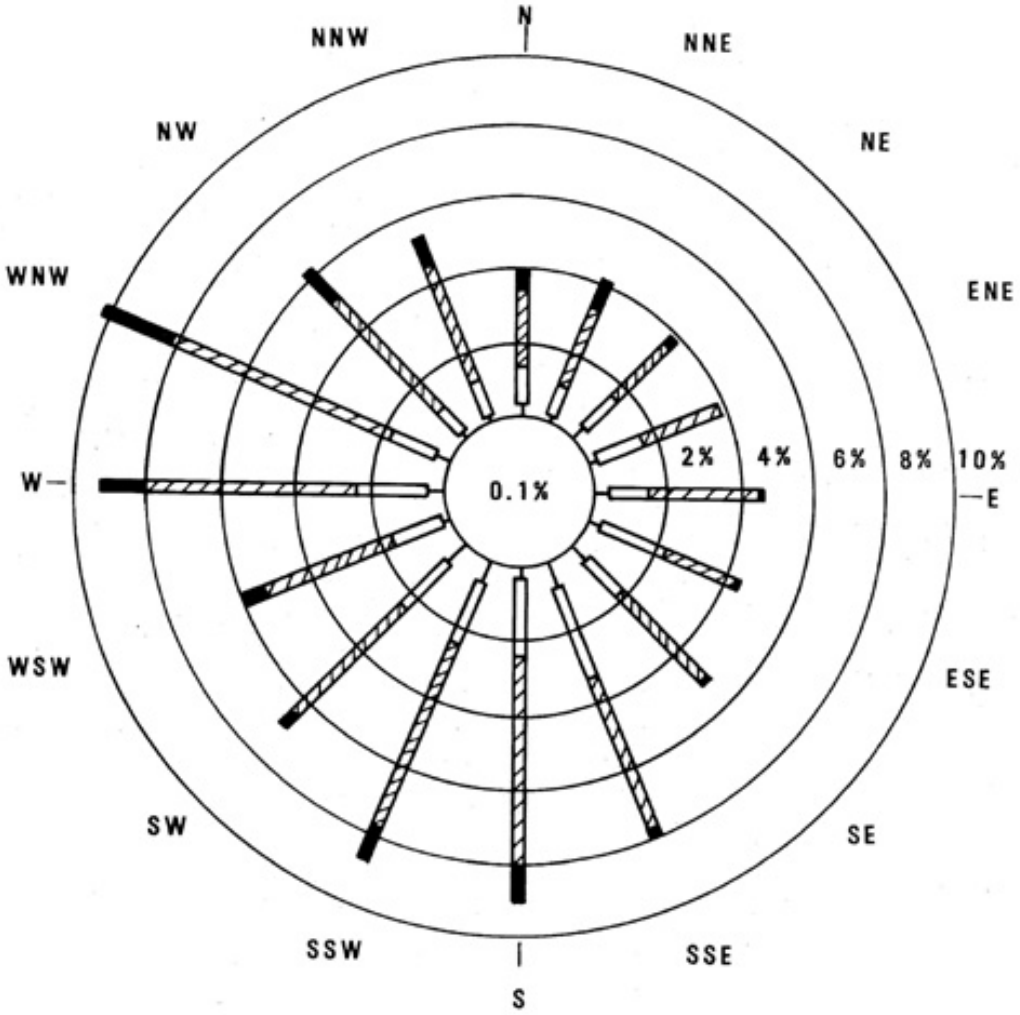
Figure 2.7-14
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite November Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

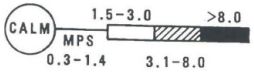
Not to Scale



Environmental Report for the EGC Early Site Permit

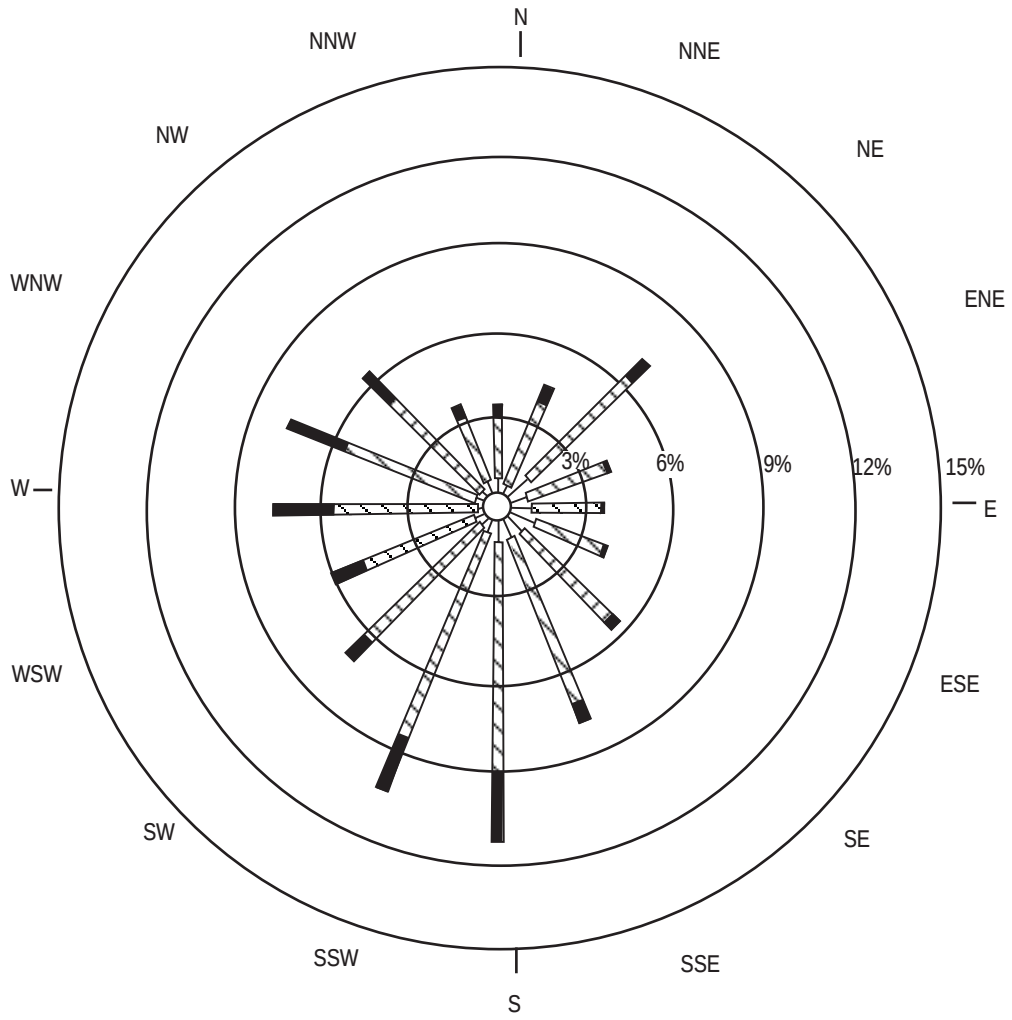
Figure 2.7-15
Wind Rose, 10-Meter Level, Clinton Power Station Site, Composite December Period of Record: 4/14/72-4/30/77

Legend



Data Source:
CPS, 2002

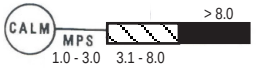
Not to Scale



Environmental Report for the EGC Early Site Permit

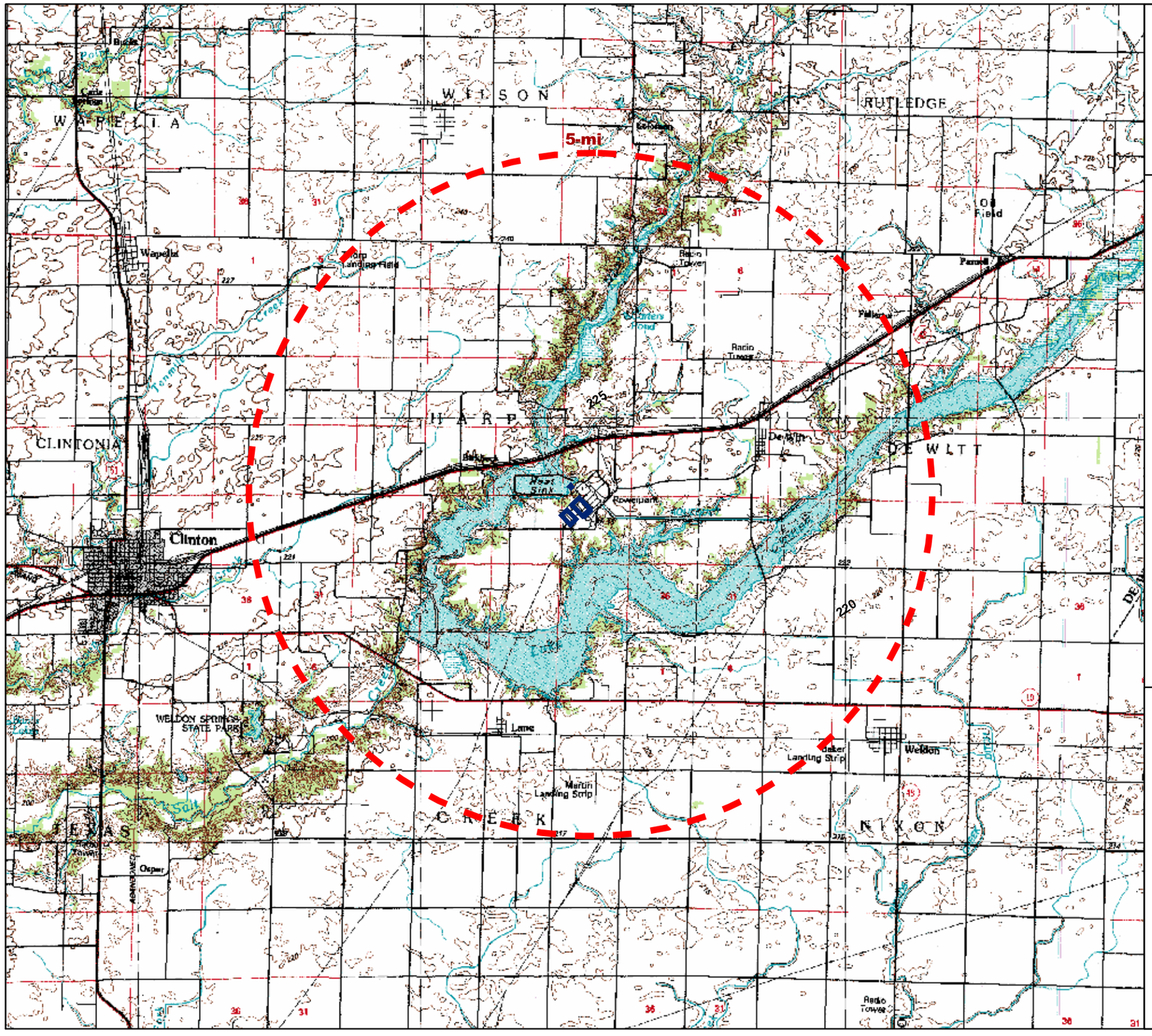
Figure 2.7-16
Wind Rose, 10-Meter Level,
Clinton Power Station Site,
Period of Record: 1/1/00-8/31/02

Legend



Data Source:
CPS, 2002

Not to Scale



Environmental Report for the EGC Early Site Permit

Figure 2.7-17
Topographic Map Within 5 mi of the EGC ESP Site

Legend

- Vicinity: 5-mi Radius Around Site
- Proposed Areas for EGC ESP Facility Structures

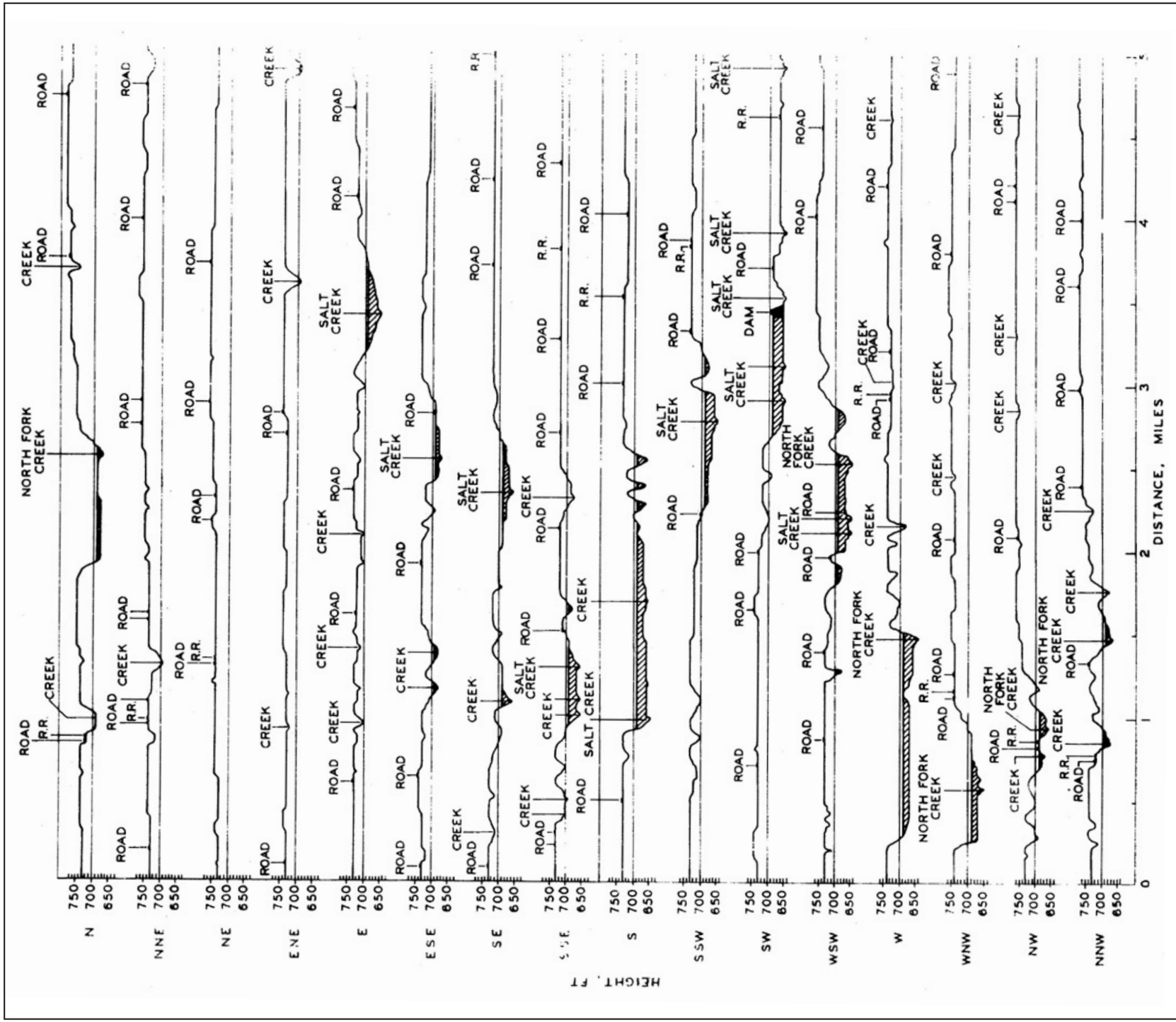
Data Sources:
USGS, 1984 and 1989

N

Miles

0 1 2 4

Figure 2.7-18
Topographical Cross Section as a Function of the Distance From the Exelon ESP Site



Data Source:
CPS, 2002

Not to Scale