



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

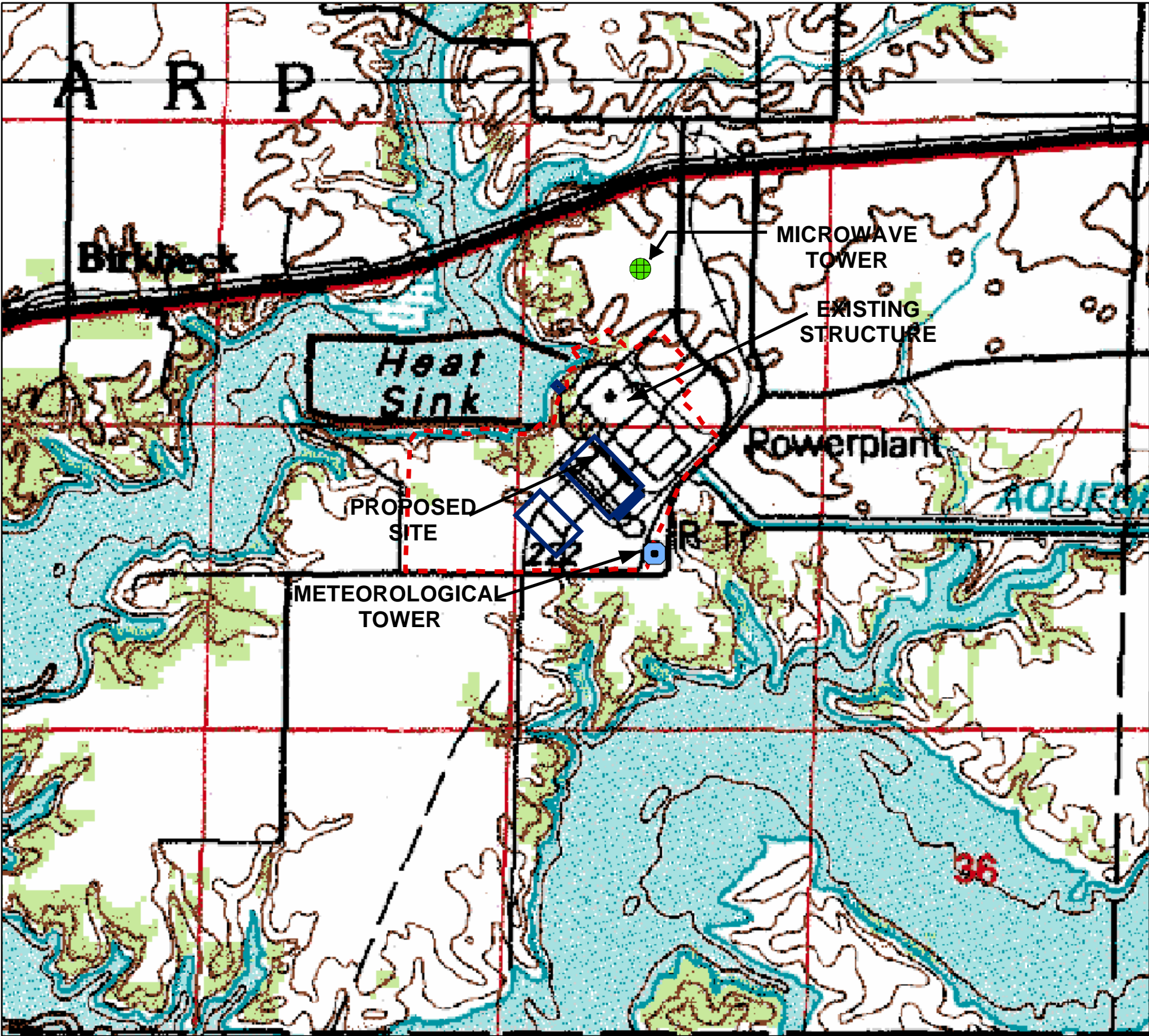


N



Not to Scale

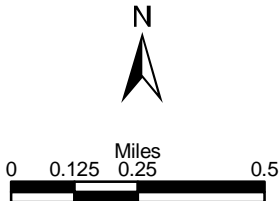
Figure 2.7-2  
Topographical Map of the Site Area  
Meteorological Tower Location



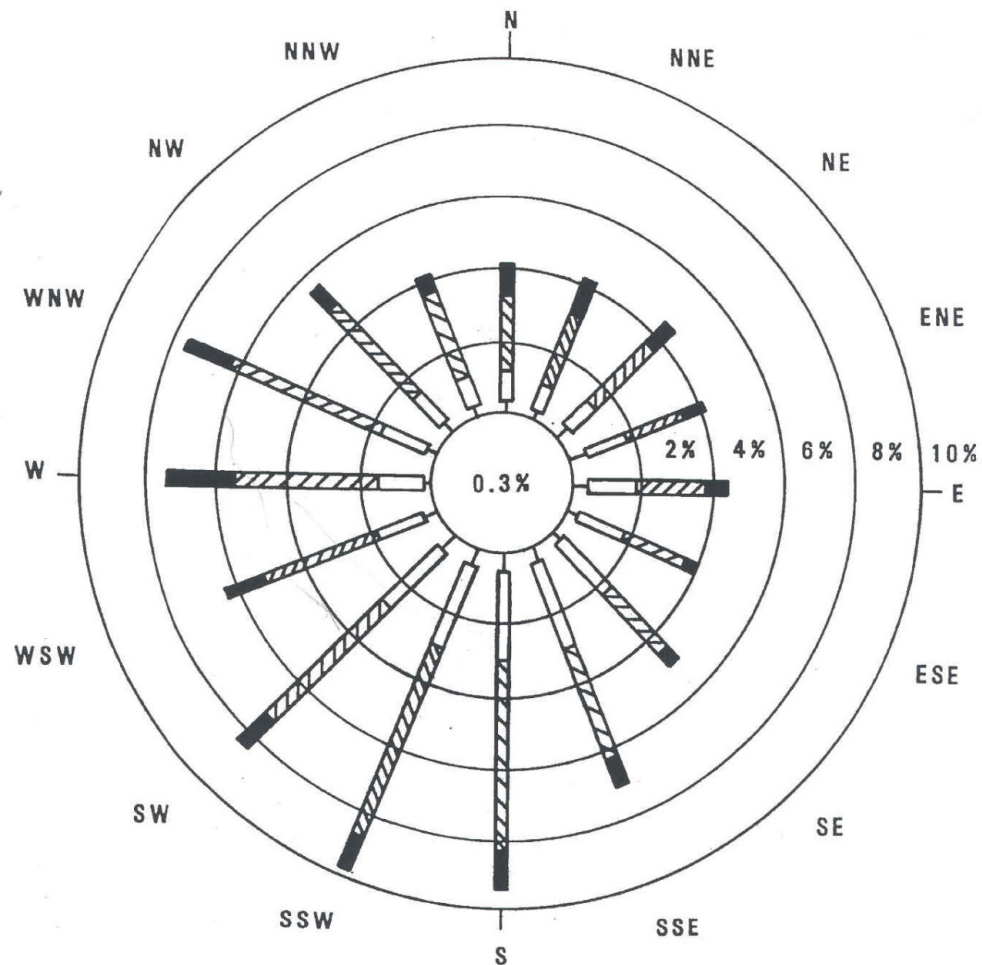
Legend

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

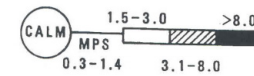
Data Sources:  
USGS, 1984 and 1989



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



**Legend**

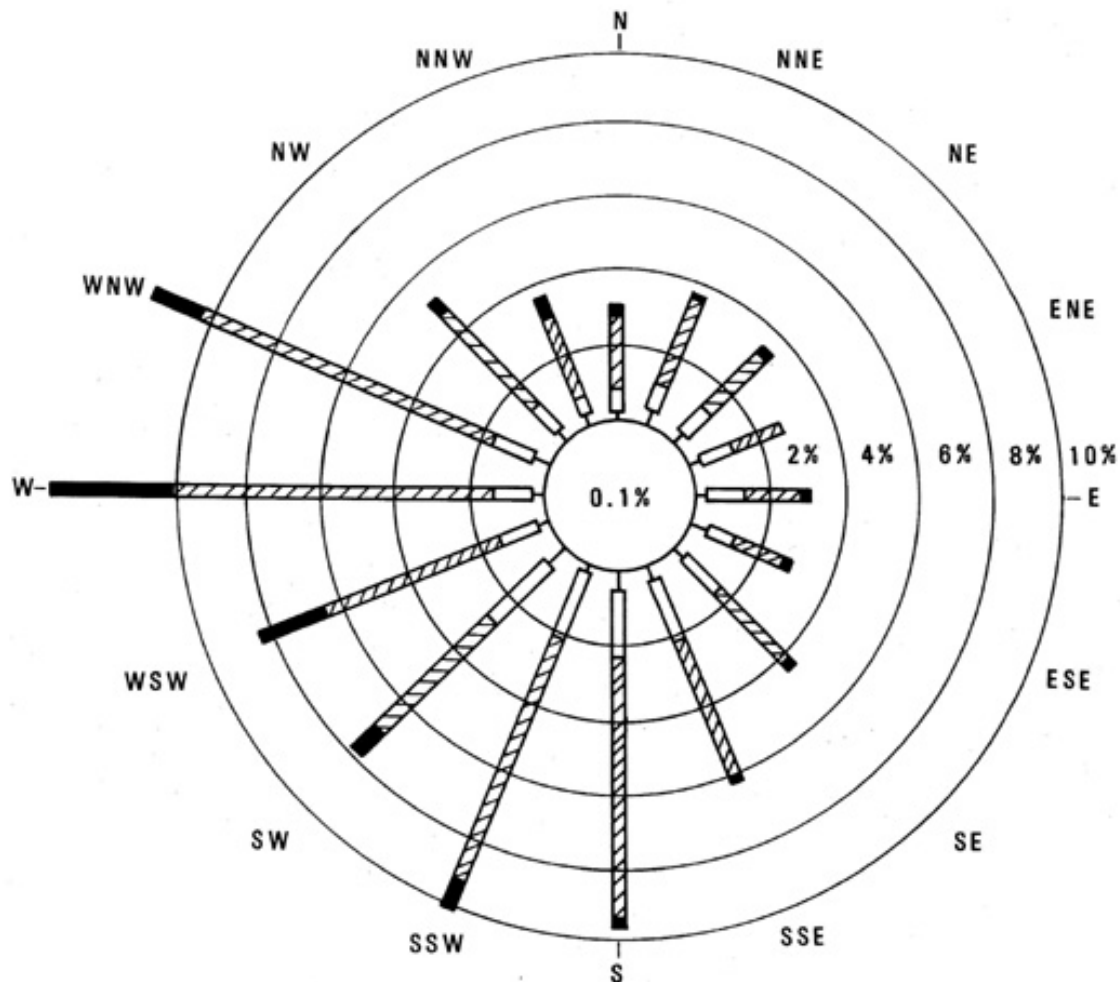


Data Source:  
CPS, 2002

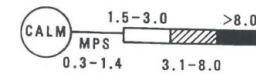
Not to Scale



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



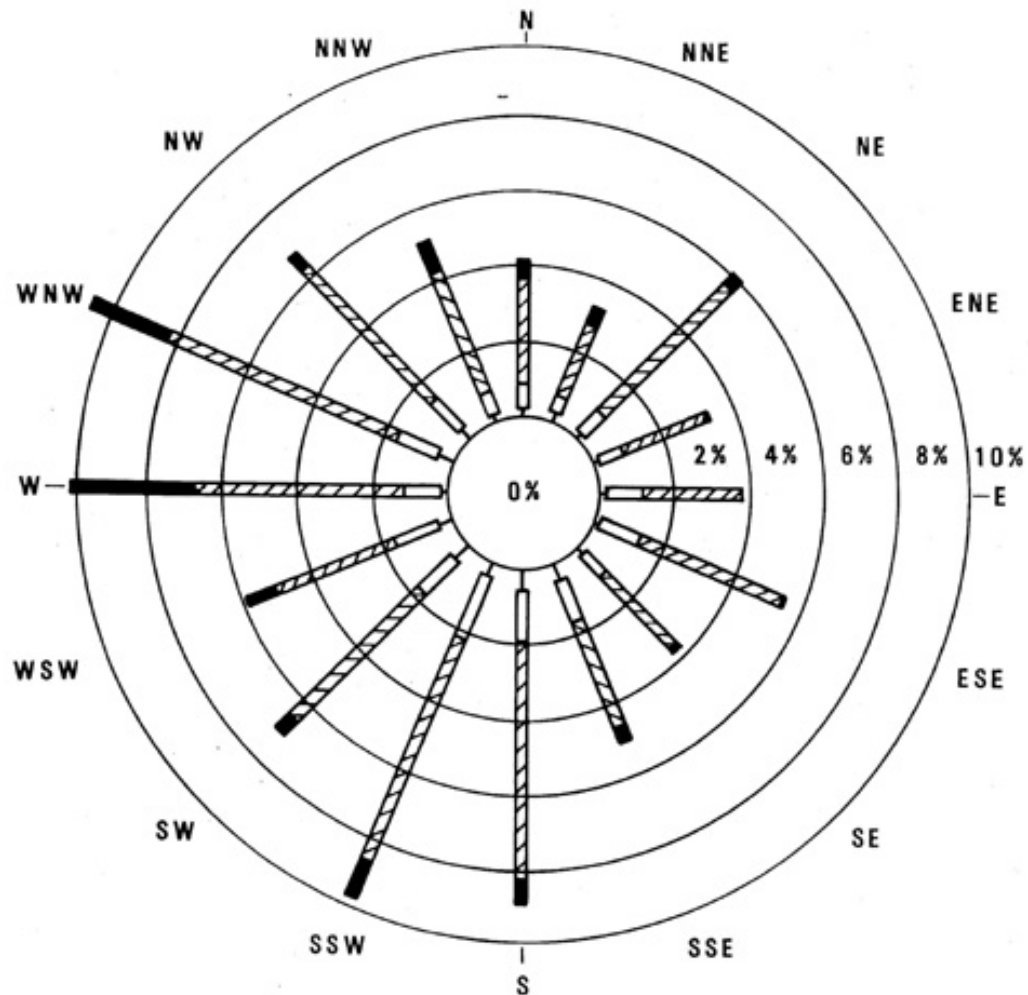
**Legend**



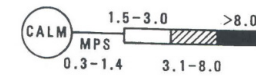
Data Source:  
CPS, 2002

Not to Scale

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



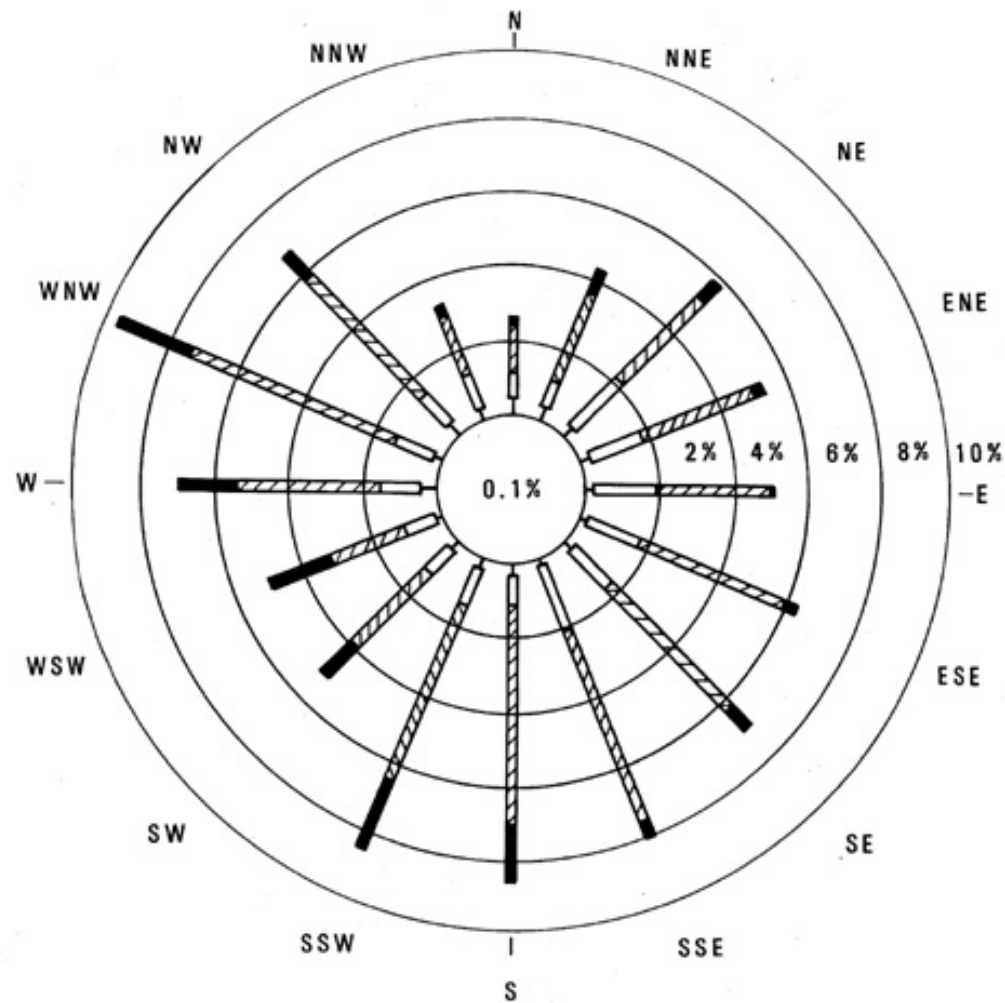
**Legend**



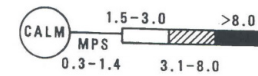
Data Source:  
CPS, 2002

Not to Scale

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



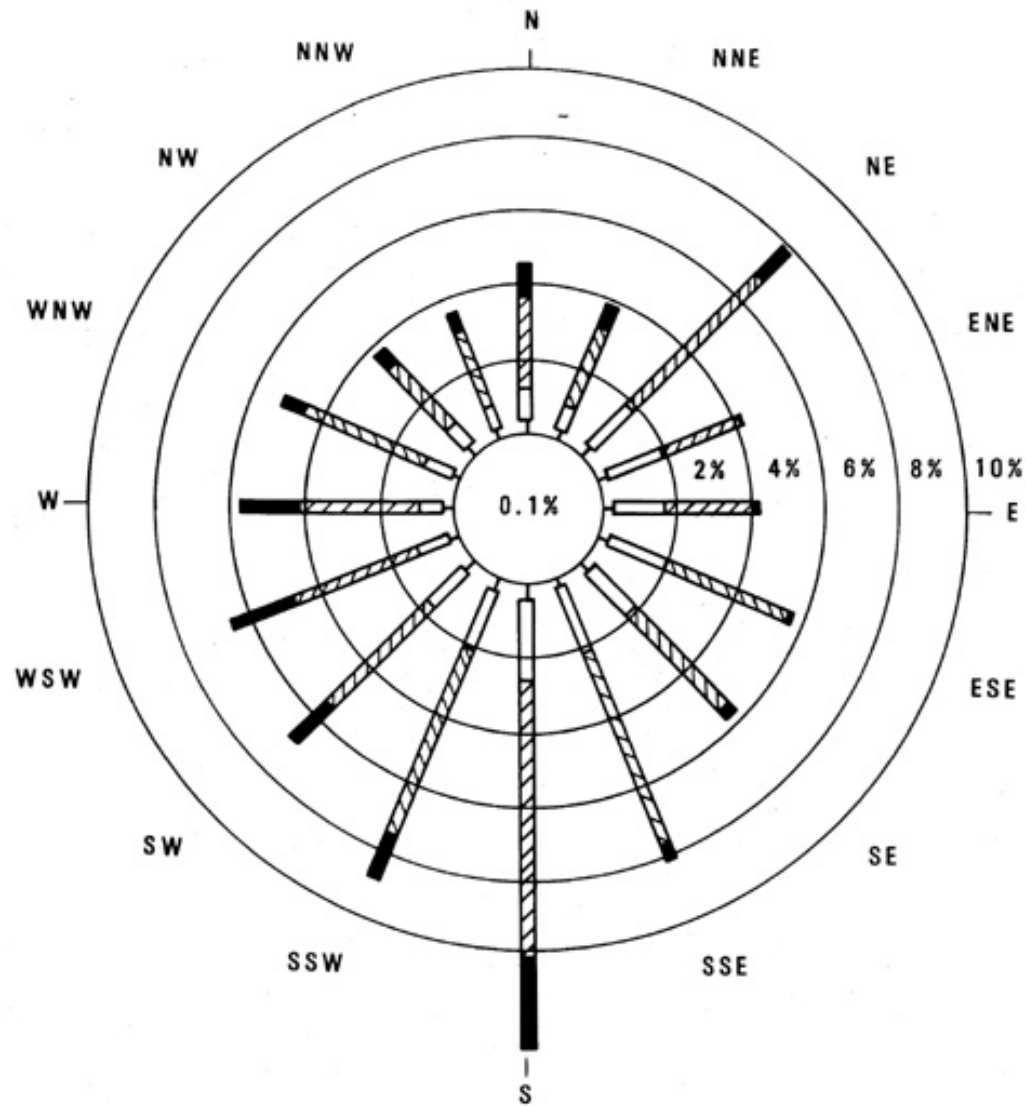
**Legend**



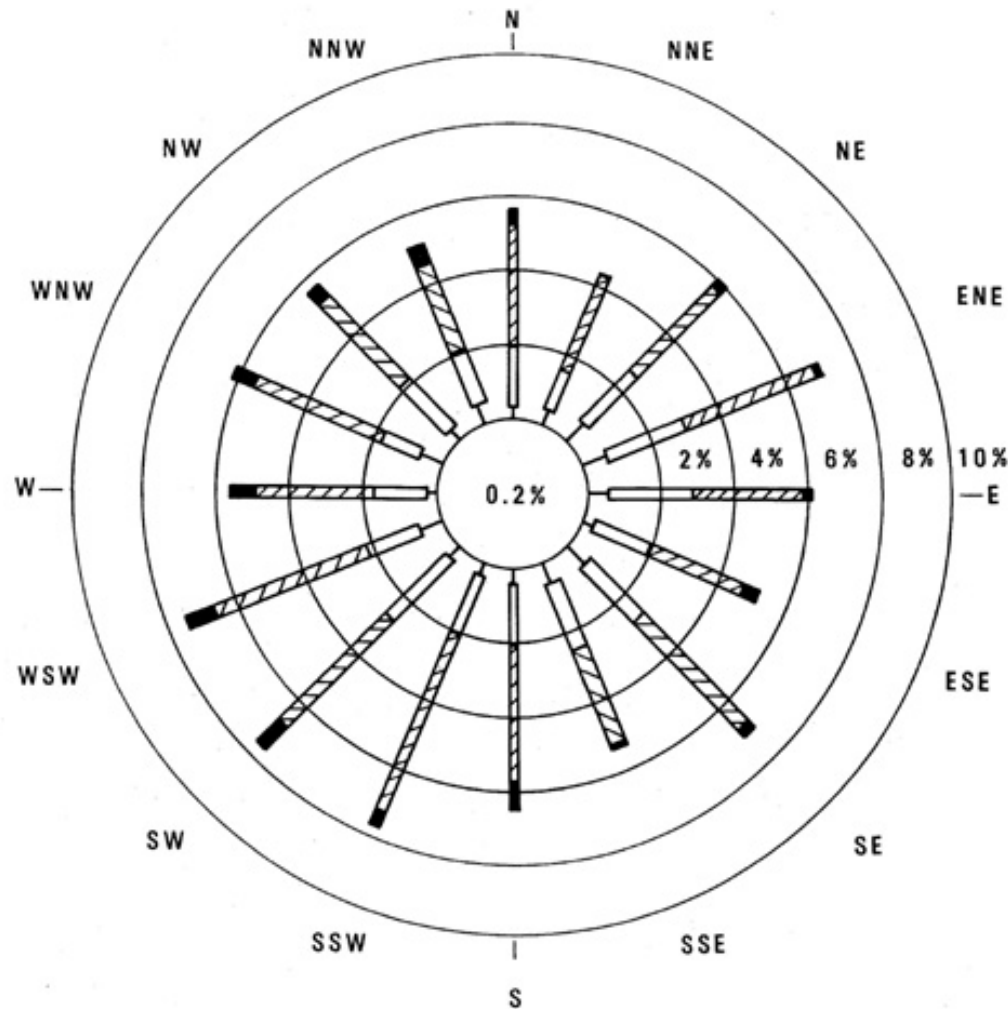
Data Source:  
CPS, 2002

Not to Scale

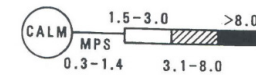
**Figure 2.7-7**  
**Wind Rose, 10-Meter Level,**  
**Clinton Power Station Site,**  
**Composite April**  
**Period of Record: 4/14/72-4/30/77**



**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**

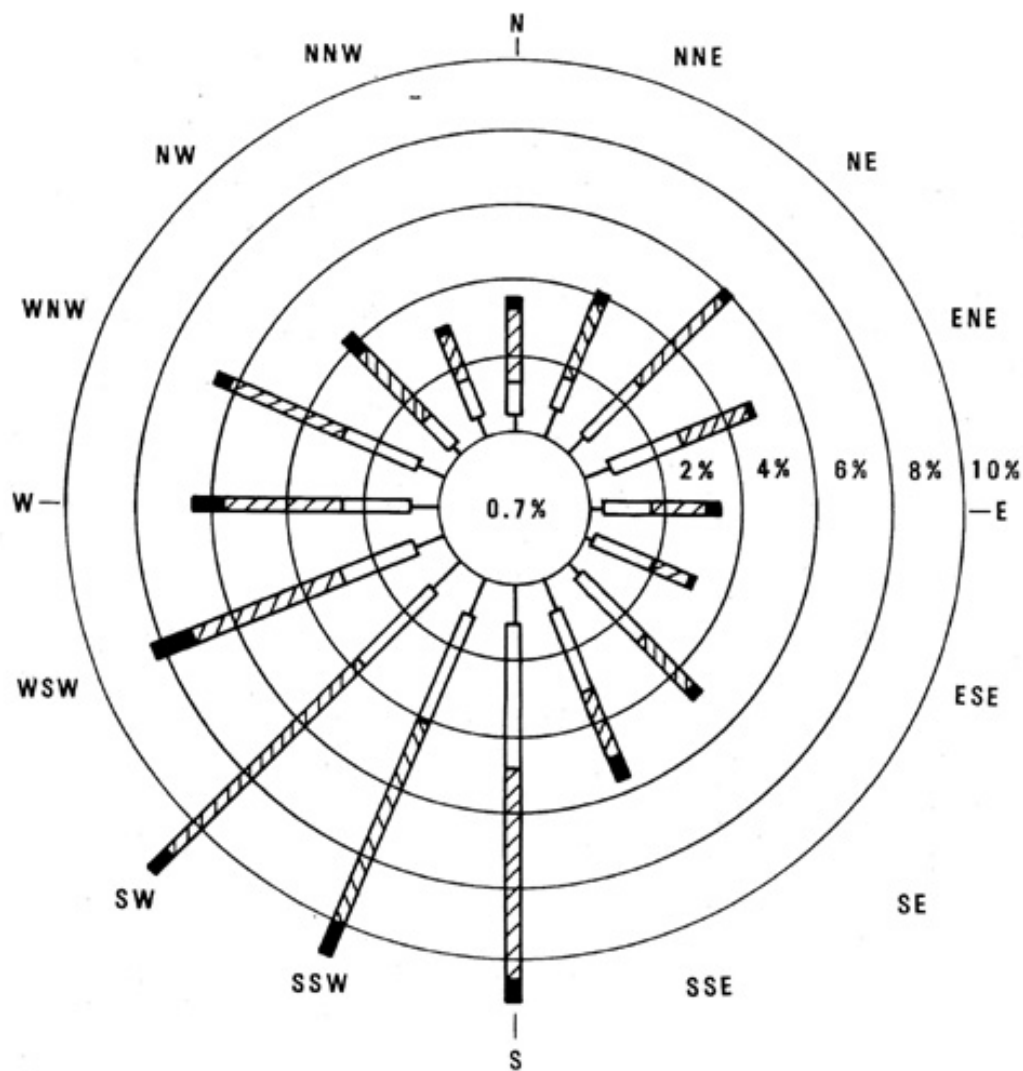


Data Source:  
CPS, 2002

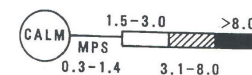
Not to Scale



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



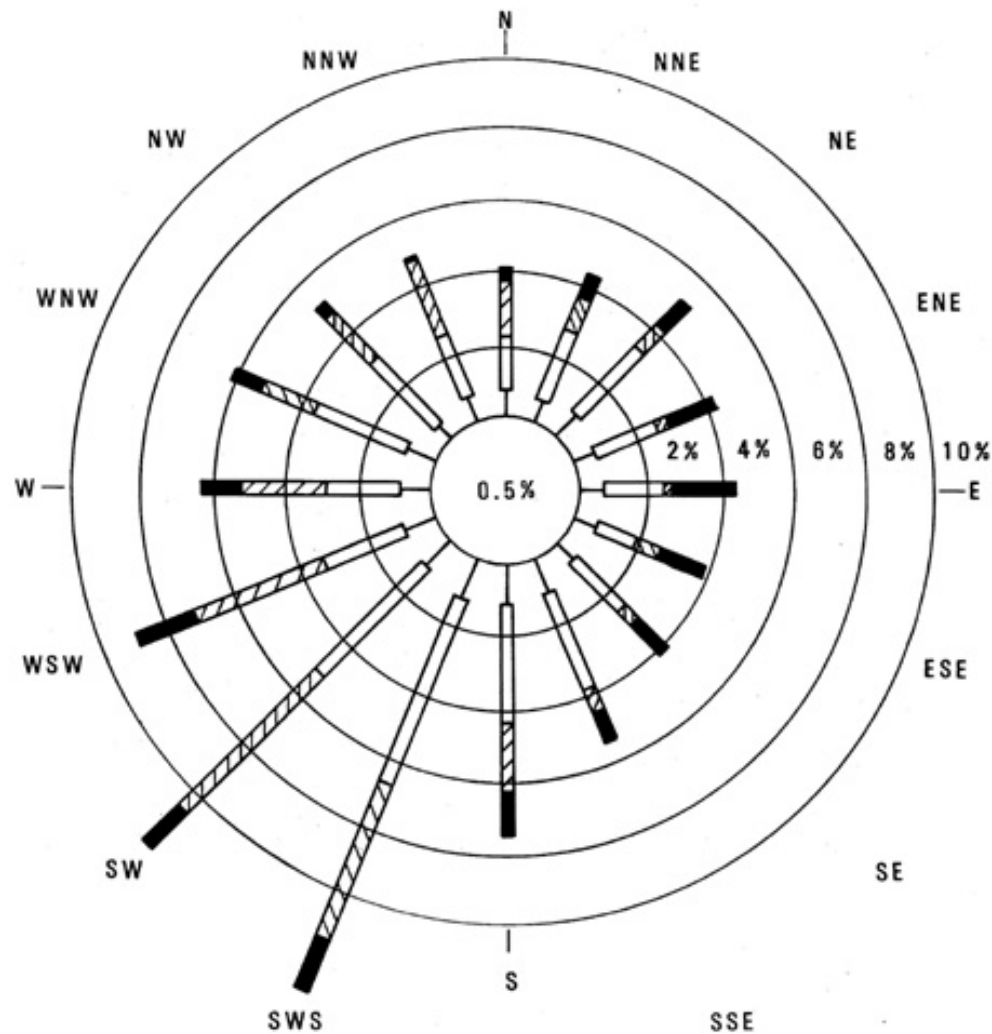
**Legend**



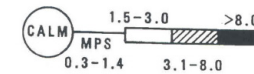
Data Source:  
 CPS, 2002

Not to Scale

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



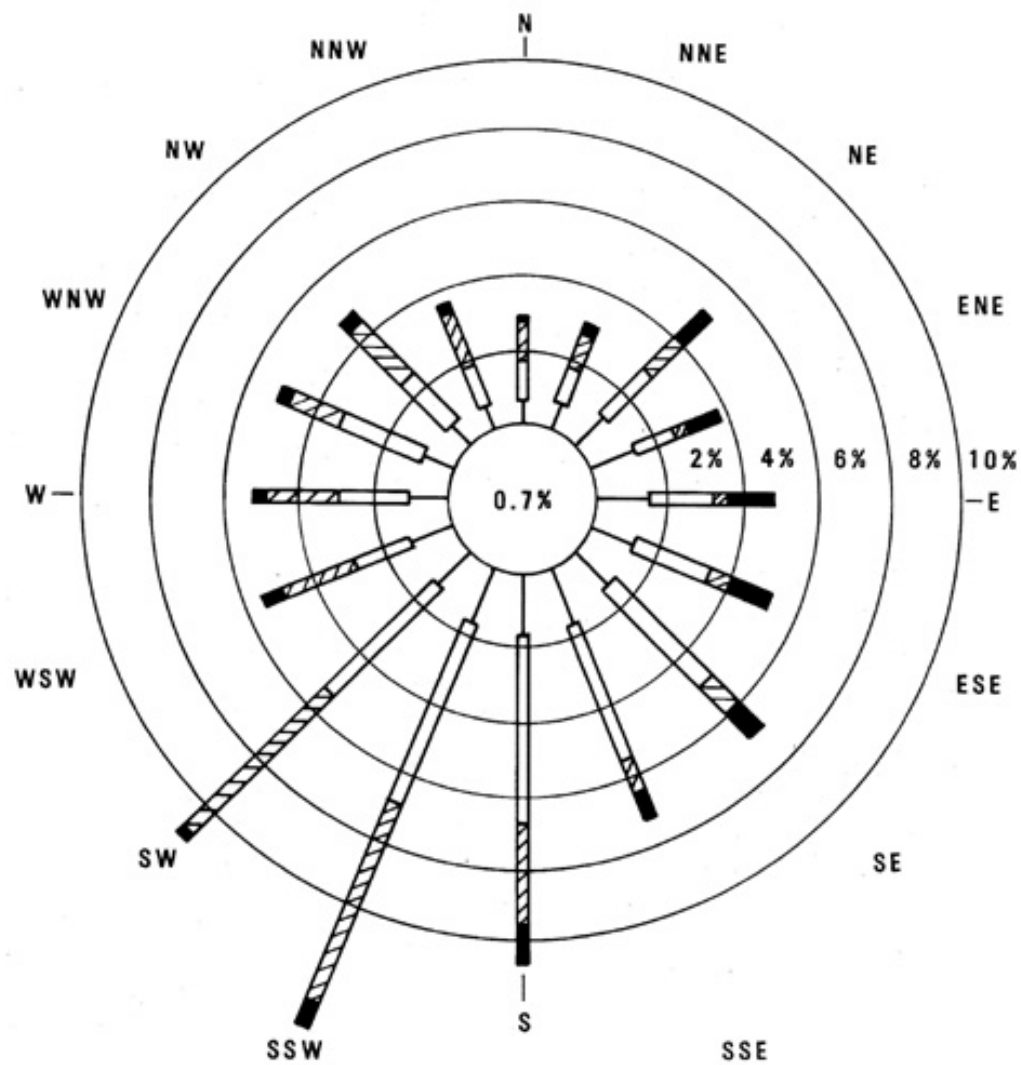
**Legend**



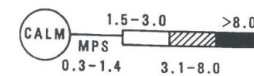
Data Source:  
CPS, 2002

Not to Scale

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



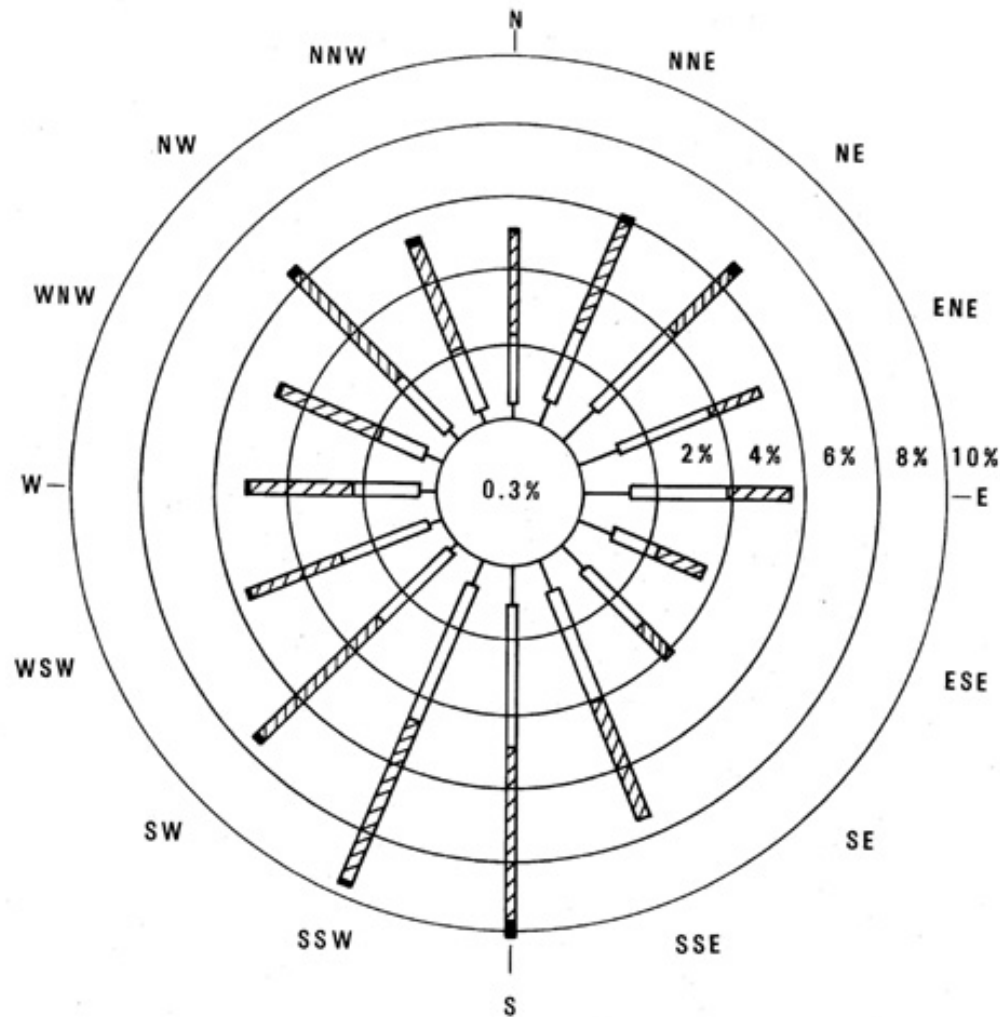
**Legend**



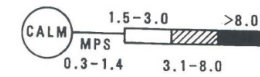
Data Source:  
 CPS, 2002

Not to Scale

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



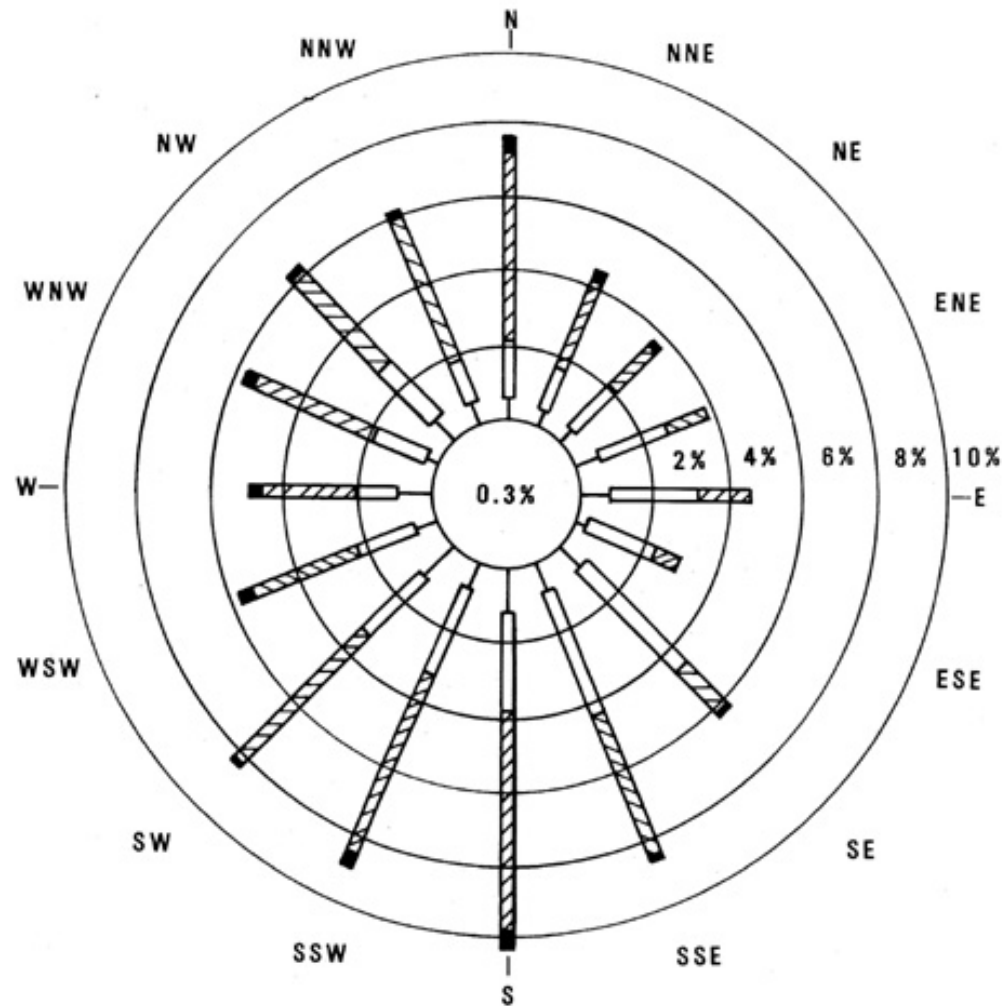
**Legend**



Data Source:  
CPS, 2002

Not to Scale

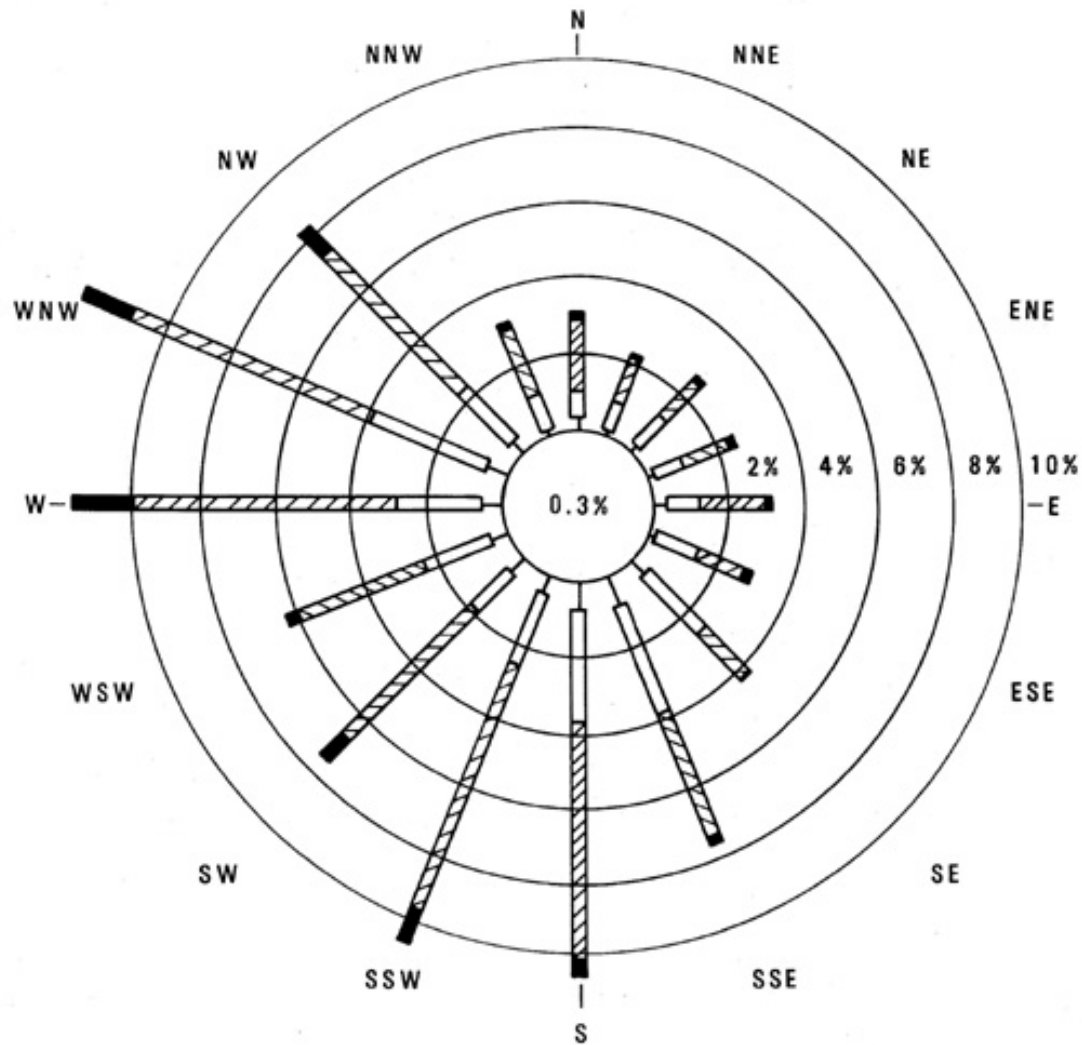
**Figure 2.7-13**  
**Wind Rose, 10-Meter Level,**  
**Clinton Power Station Site,**  
**Composite October**  
**Period of Record: 4/14/72-4/30/77**



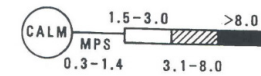
Not to Scale



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



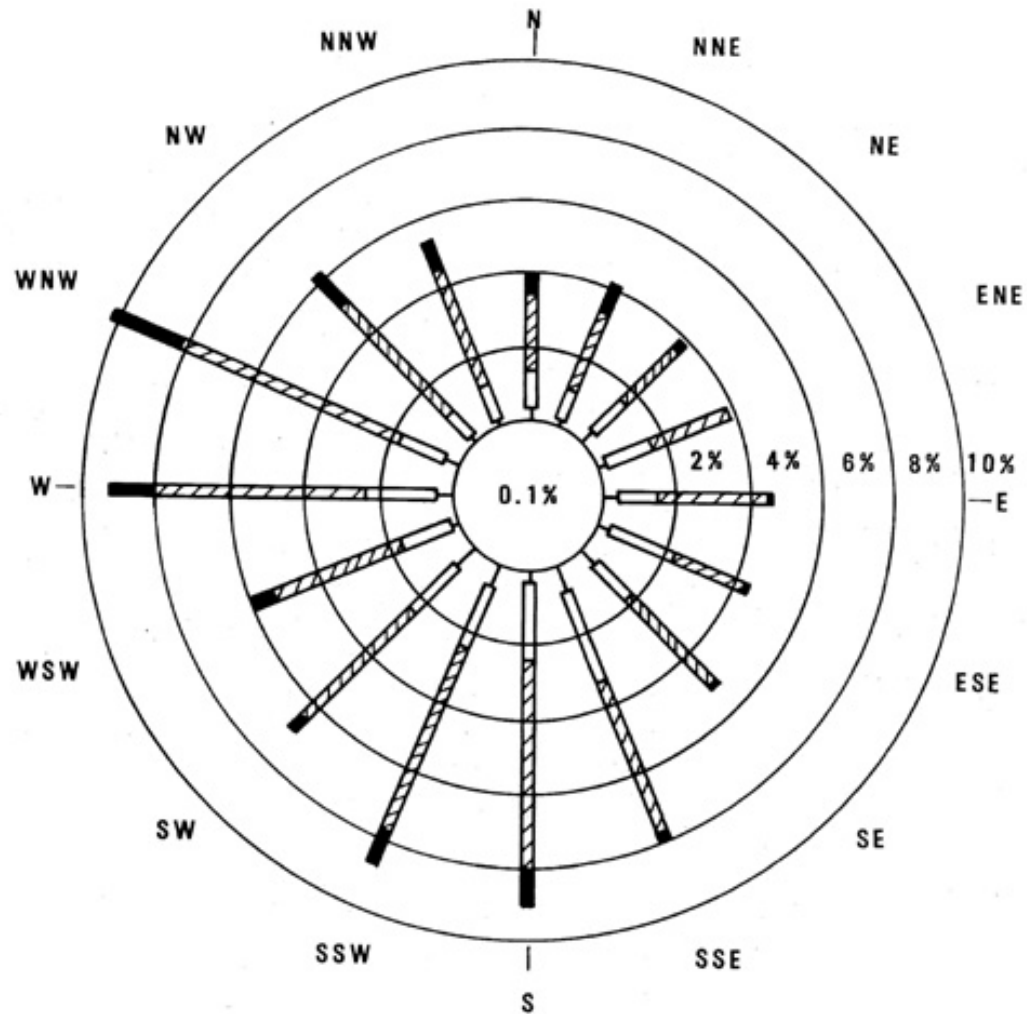
**Legend**



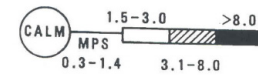
Data Source:  
CPS, 2002

Not to Scale

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



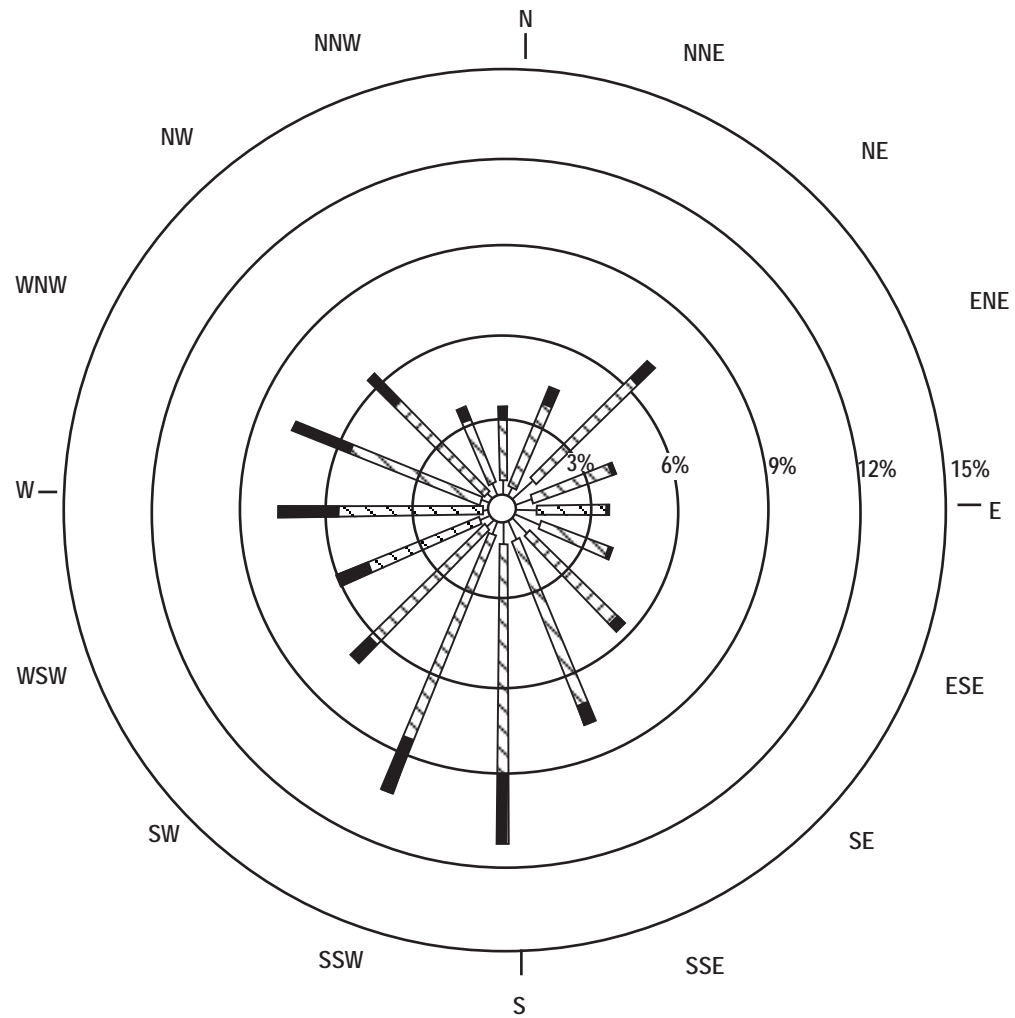
**Legend**



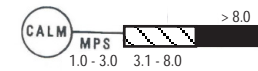
Data Source:  
CPS, 2002

Not to Scale

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



**Legend**

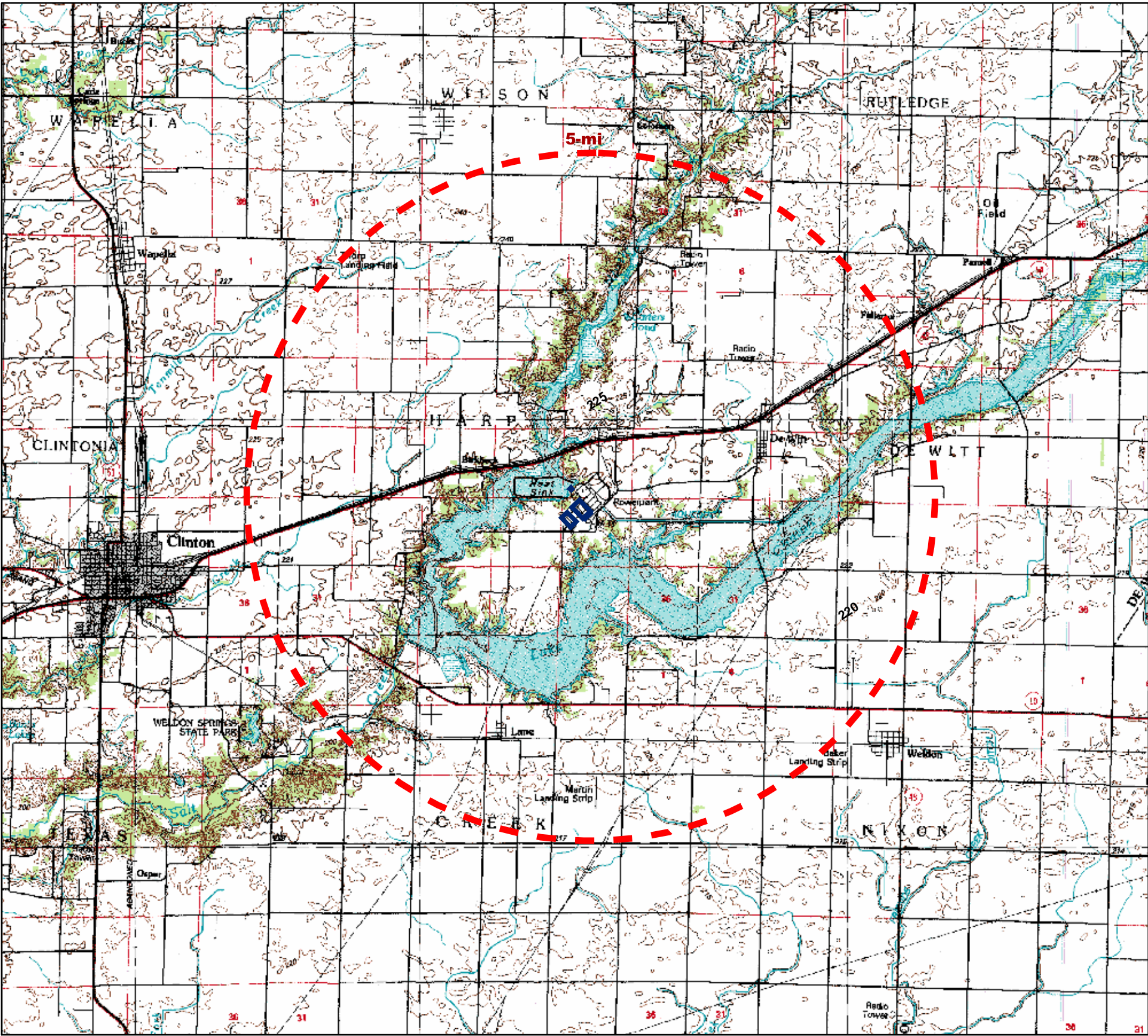


Data Source:  
CPS, 2002

Not to Scale



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

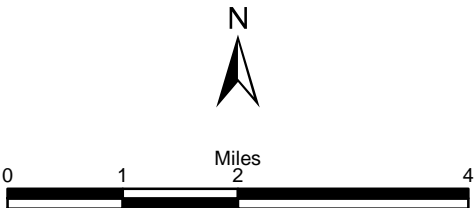
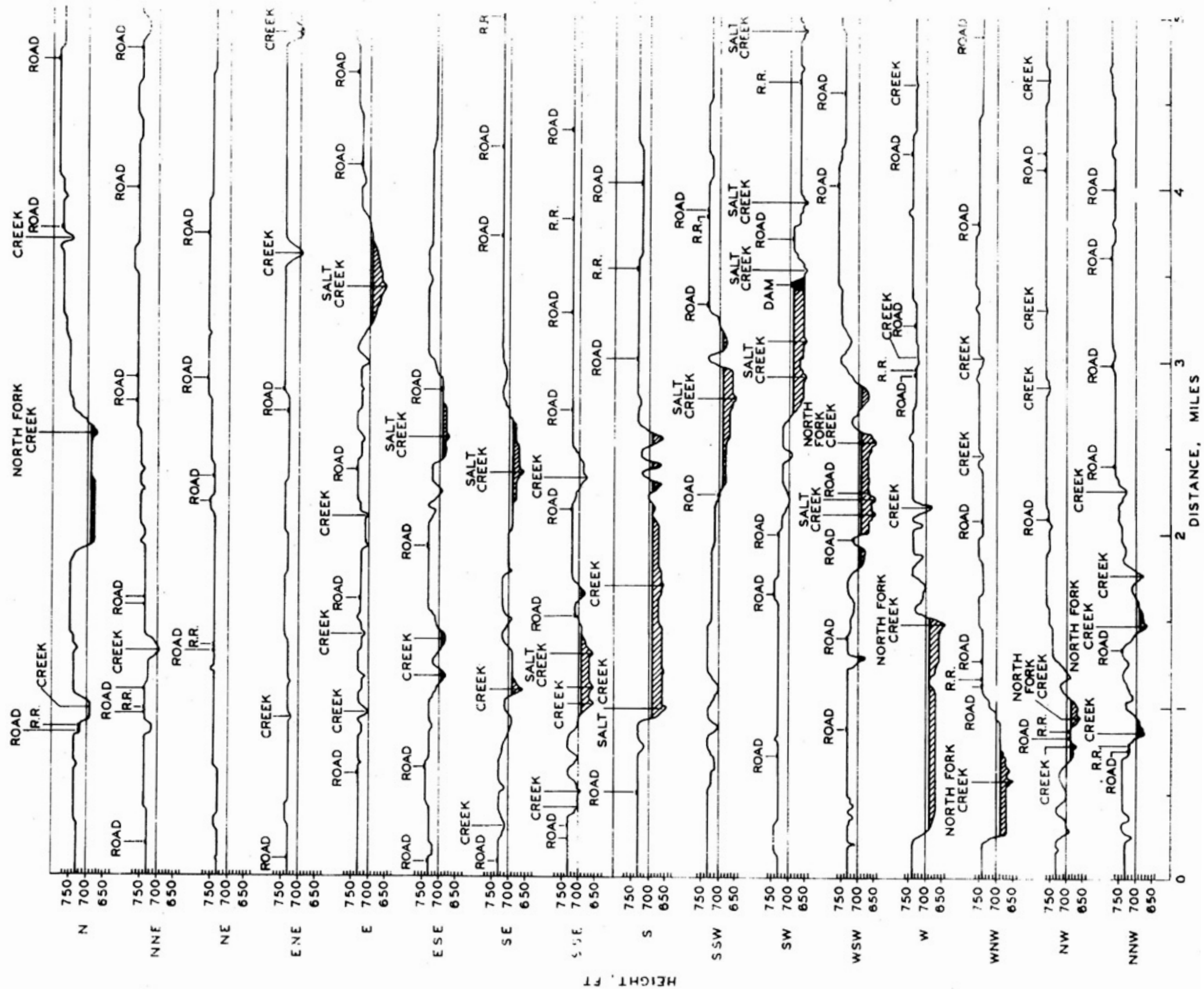




Figure 2.7-18  
Topographical Cross Section as a  
Function of the Distance From the  
Exelon ESP Site



Data Source:  
CPS, 2002

Not to Scale