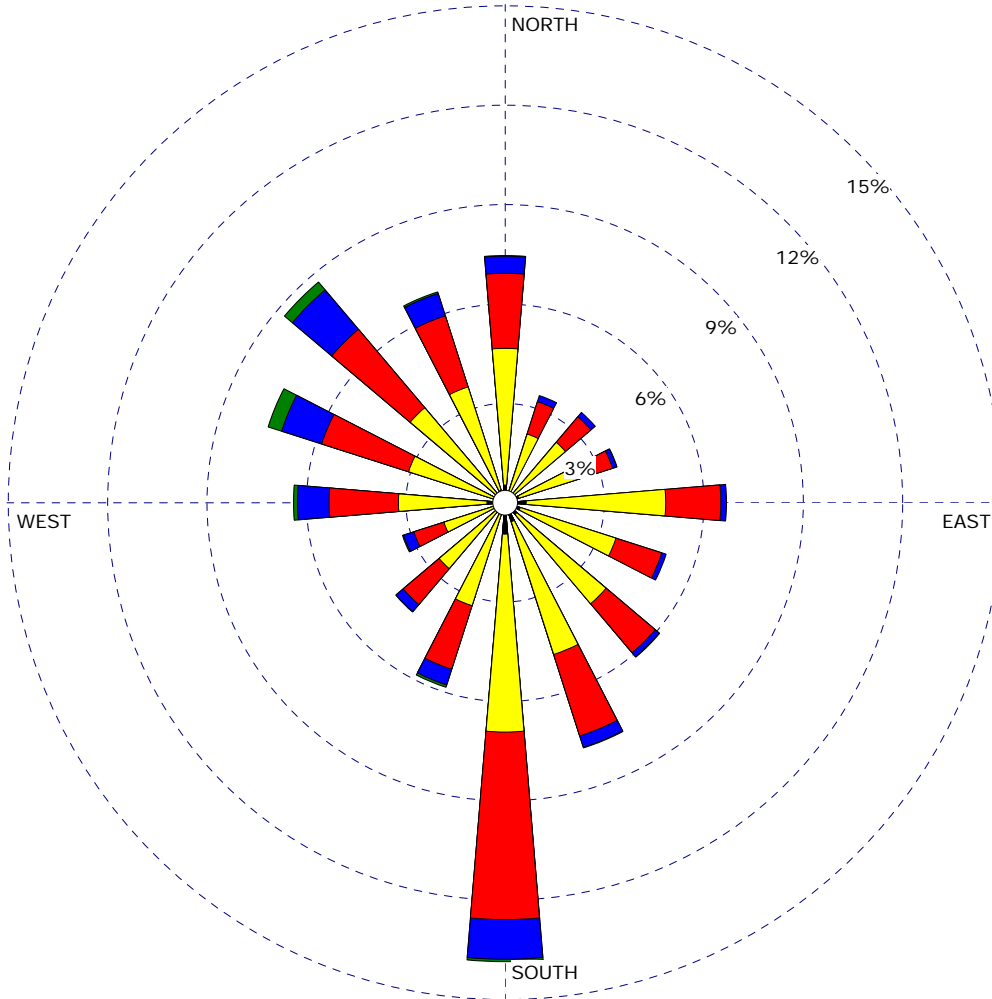


WIND ROSE PLOT:  
Des Moines, IA Airport

Wind Speed  
Direction (blowing from)



WIND SPEED  
(mph)

- >= 20.0
- 15.0 - 20.0
- 10.0 - 15.0
- 5.0 - 10.0
- 1.0 - 5.0

Calms: 0.00%

COMMENTS:

Based on hourly average wind speed and direction from the airport at Des Moines (measured at 10 meters)

DATA PERIOD:

**1991-2006**  
**Jan 1 - Dec 31**  
**00:00 - 23:00**

CALM WINDS (less than 1 mph):

**0.00%**

AVG. WIND SPEED:

**9.68 mph**

TOTAL COUNT:

**5790 hrs.**

DATE:

**3/14/2007**

