

**Wichita Ozone  
Designation Process 2008**

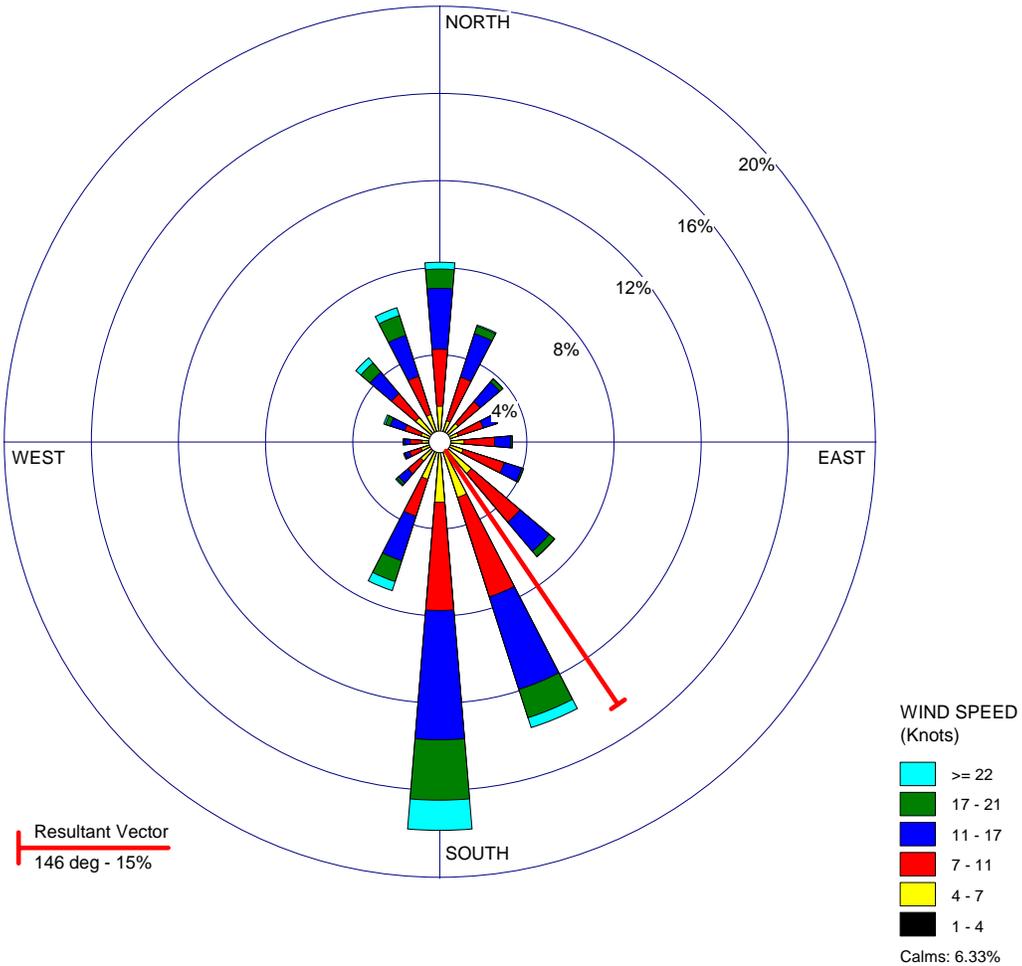
**WindRoses**

WIND ROSE PLOT:

**Station #03928 - WICHITA/MID-CONTINENT ARPT, KS**

DISPLAY:

**Wind Speed  
Direction (blowing from)**



<p>COMMENTS:</p> <p>Wichita Mid-Continent Arpt. Jan. 1 - Dec. 31 2005-2007</p>	<p>DATA PERIOD:</p> <p><b>2005 2006 2007</b> <b>Jan 1 - Dec 31</b> <b>00:00 - 23:00</b></p>	<p>COMPANY NAME:</p> <p><b>Kansas Department of Health and Environment</b></p>		
	<p>CALM WINDS:</p> <p><b>6.33%</b></p>	<p>MODELER:</p> <p><b>Douglas Watson</b></p>		
	<p>AVG. WIND SPEED:</p> <p><b>9.88 Knots</b></p>	<p>TOTAL COUNT:</p> <p><b>25881 hrs.</b></p>		

WRPLOT View - Lakes Environmental Software

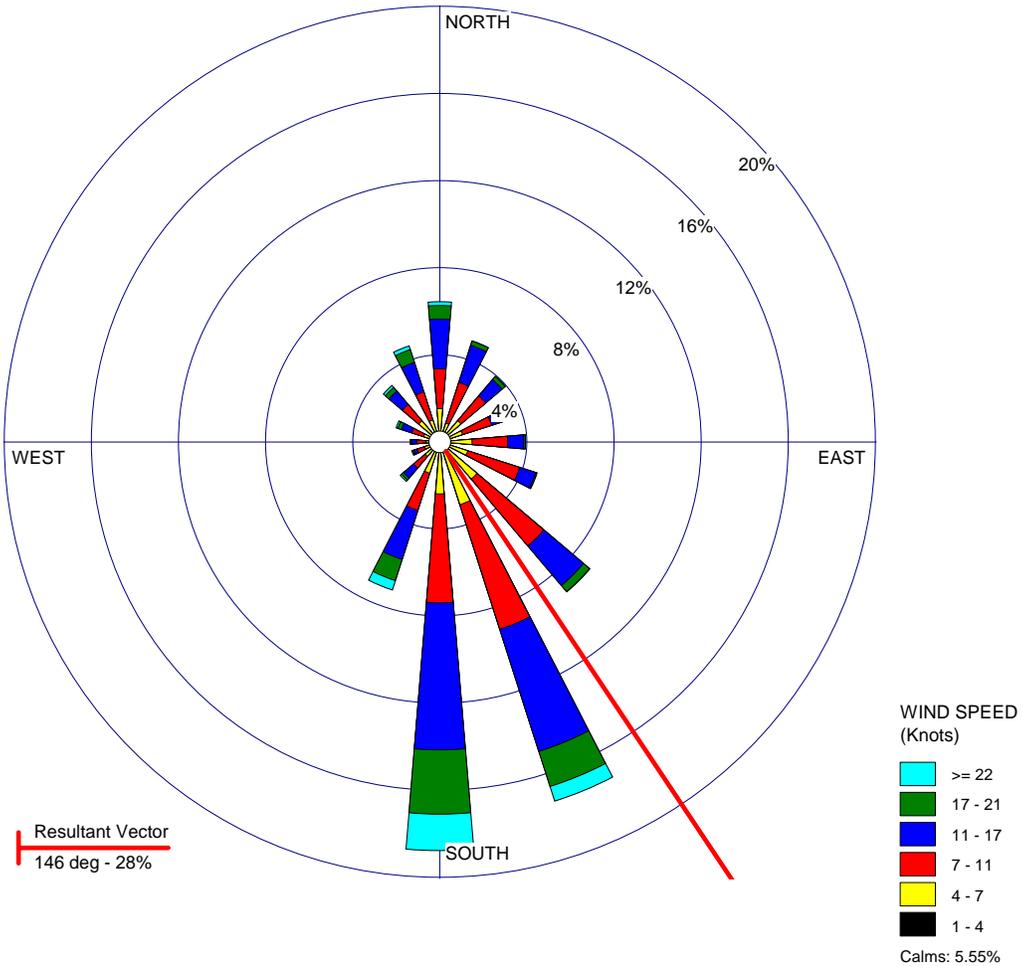
**2005-2007 Mid-Continent Airport Windrose – Jan. 1 – Dec. 31**

WIND ROSE PLOT:

Station #03928 - WICHITA/MID-CONTINENT ARPT, KS

DISPLAY:

Wind Speed  
Direction (blowing from)



COMMENTS:

Wichita Mid-Continent Arpt.  
April 1 - Oct. 31  
2005-2007  
Total Ozone Season

DATA PERIOD:

2005 2006 2007  
Apr 1 - Oct 31  
00:00 - 23:00

COMPANY NAME:

Kansas Department of Health and Environment

MODELER:

Douglas Watson



CALM WINDS:

5.55%

TOTAL COUNT:

15108 hrs.

AVG. WIND SPEED:

9.94 Knots

DATE:

8/20/2008

PROJECT NO.:

2

WRPLOT View - Lakes Environmental Software

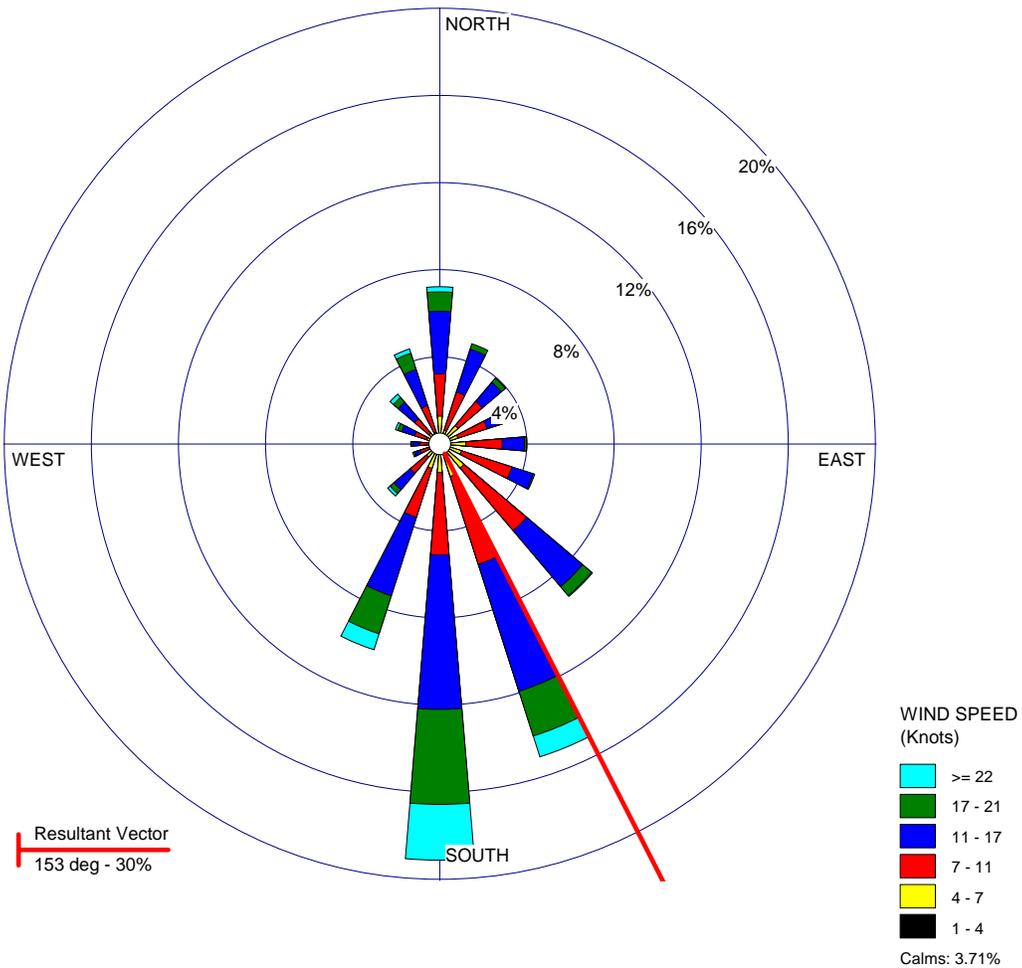
2005-2007 Mid-Continent Airport Ozone Season Windrose – April. 1 – Oct. 31

WIND ROSE PLOT:

**Station #03928 - WICHITA/MID-CONTINENT ARPT, KS**

DISPLAY:

**Wind Speed  
Direction (blowing from)**



<p>COMMENTS:</p> <p>Wichita Mid-Continent Arpt. April 1 - Oct. 31 2005-2007 7am-7pm Total Ozone Season</p>	<p>DATA PERIOD:</p> <p><b>2005 2006 2007</b> <b>Apr 1 - Oct 31</b> <b>07:00 - 19:00</b></p>	<p>COMPANY NAME:</p> <p><b>Kansas Department of Health and Environment</b></p>		
	<p>CALM WINDS:</p> <p><b>3.71%</b></p>	<p>MODELER:</p> <p><b>Douglas Watson</b></p>		
	<p>AVG. WIND SPEED:</p> <p><b>11.37 Knots</b></p>	<p>TOTAL COUNT:</p> <p><b>8096 hrs.</b></p>		

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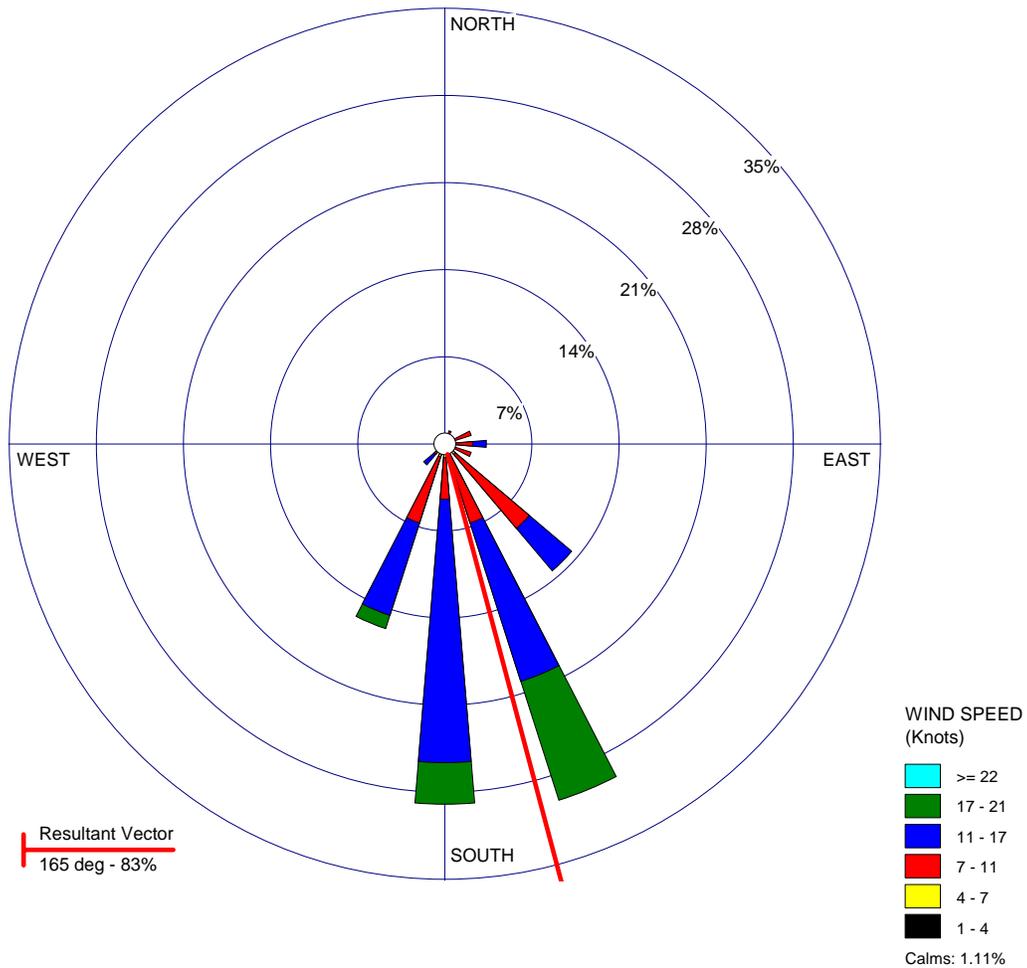
**2005-2007 Mid-Continent Airport Ozone Season Windrose – April. 1 – Oct. 31 (7am-7pm)**

WIND ROSE PLOT:

**Station #03928 - WICHITA/MID-CONTINENT ARPT, KS**

DISPLAY:

**Wind Speed  
Direction (blowing from)**



<p>COMMENTS:</p> <p>Wichita Mid-Continent Arpt. April 1 - Oct. 31 2005 8-Hr. Ozone Days <math>\geq 0.076</math>ppm 7am-7pm</p>	<p>DATA PERIOD:</p> <p><b>2005 Check Date Range Report 07:00 - 19:00</b></p>	<p>COMPANY NAME:</p> <p><b>Kansas Department of Health and Environment</b></p>		
	<p>CALM WINDS:</p> <p><b>1.11%</b></p>	<p>MODELER:</p> <p><b>Douglas Watson</b></p>		
	<p>AVG. WIND SPEED:</p> <p><b>12.39 Knots</b></p>	<p>TOTAL COUNT:</p> <p><b>90 hrs.</b></p>		

WRPLOT View - Lakes Environmental Software

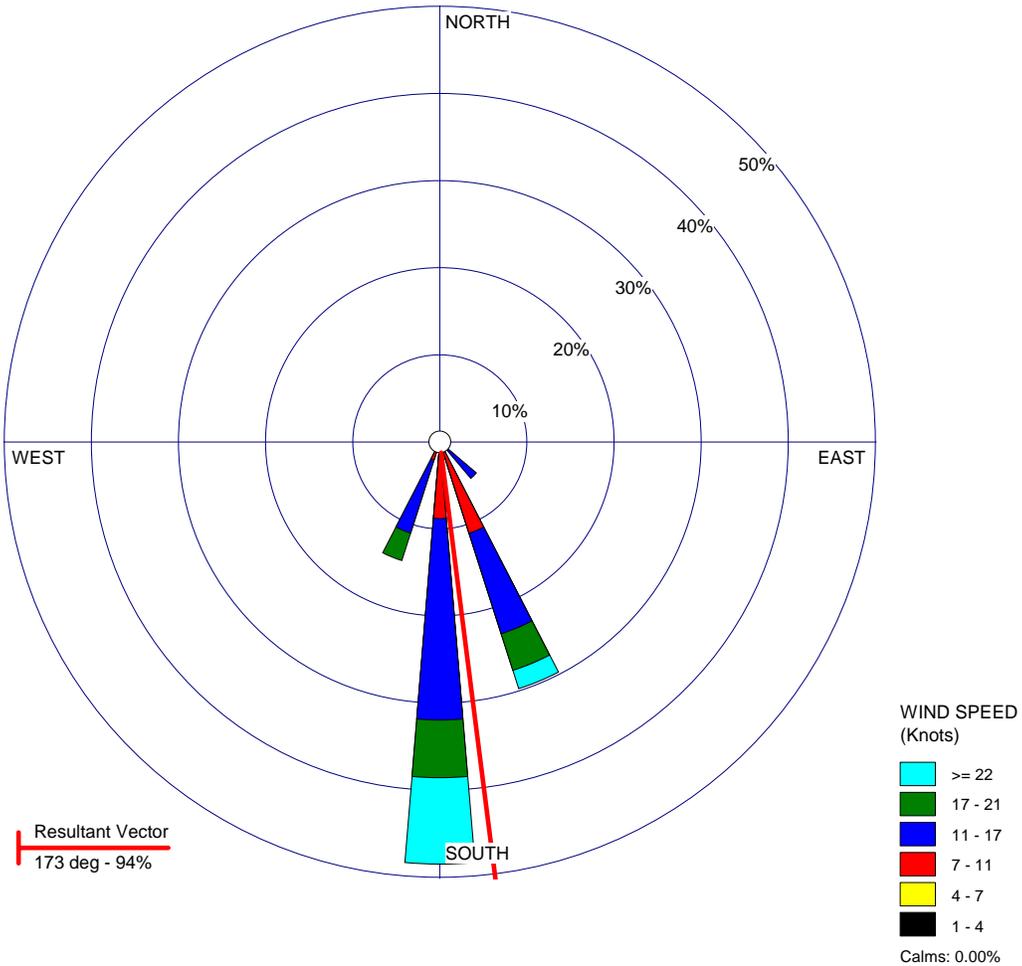
**2005 Mid-Continent Airport Exceedance Days Windrose – April. 1 – Oct. 31 (7am-7pm)**

WIND ROSE PLOT:

Station #03928 - WICHITA/MID-CONTINENT ARPT, KS

DISPLAY:

Wind Speed  
Direction (blowing from)



<p>COMMENTS:</p> <p>Wichita Mid-Continent Arpt. April 1 - Oct. 31 2006 8-Hr. Ozone Days &gt;=0.076ppm 7am-7pm</p>	<p>DATA PERIOD:</p> <p><b>2006</b> <b>Check Date Range Report</b> <b>07:00 - 19:00</b></p>	<p>COMPANY NAME:</p> <p><b>Kansas Department of Health and Environment</b></p>	
	<p>CALM WINDS:</p> <p><b>0.00%</b></p>	<p>MODELER:</p> <p><b>Douglas Watson</b></p>	
	<p>AVG. WIND SPEED:</p> <p><b>14.24 Knots</b></p>	<p>TOTAL COUNT:</p> <p><b>91 hrs.</b></p>	

WRPLOT View - Lakes Environmental Software

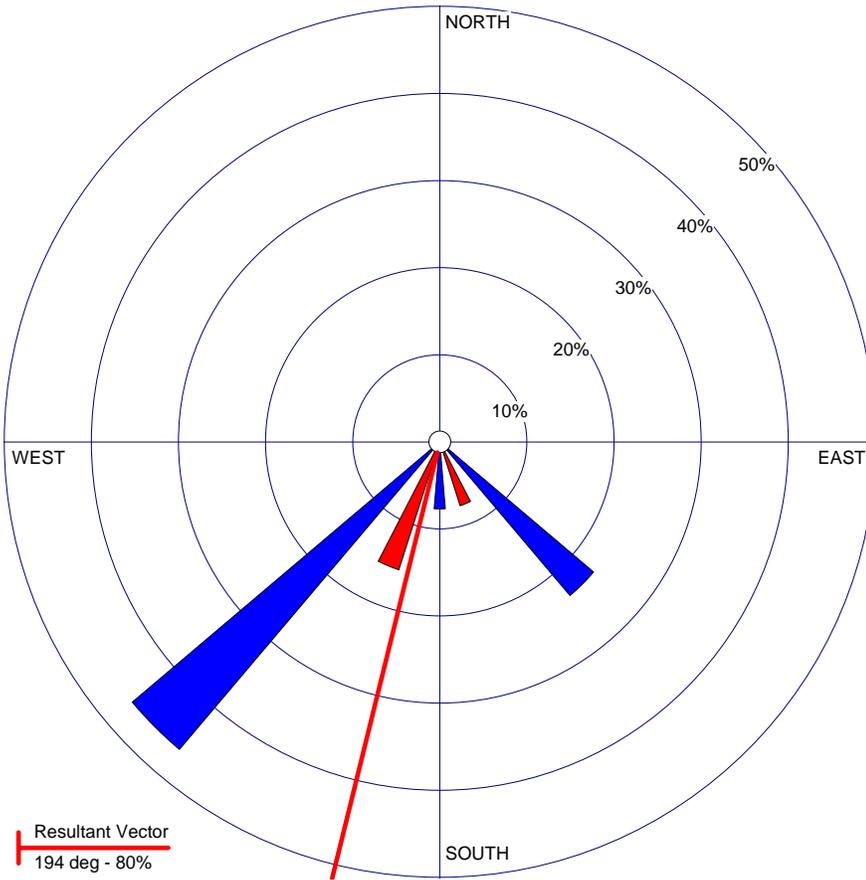
**2006 Mid-Continent Airport Exceedance Days Windrose – April. 1 – Oct. 31 (7am-7pm)**

WIND ROSE PLOT:

Station #03928 - WICHITA/MID-CONTINENT ARPT, KS

DISPLAY:

Wind Speed  
Direction (blowing from)



WIND SPEED  
(Knots)

- >= 22
- 17 - 21
- 11 - 17
- 7 - 11
- 4 - 7
- 1 - 4

Calms: 0.00%

COMMENTS:

Wichita Mid-Continent Arpt.  
April 1 - Oct. 31  
2007  
8-Hr. Ozone Days >=0.076ppm  
7am-7pm

DATA PERIOD:

**2007**  
**Aug 16 - Aug 16**  
**07:00 - 19:00**

COMPANY NAME:

**Kansas Department of Health and Environment**

MODELER:

**Douglas Watson**



CALM WINDS:

**0.00%**

TOTAL COUNT:

**13 hrs.**

AVG. WIND SPEED:

**12.46 Knots**

DATE:

**8/20/2008**

PROJECT NO.:

**6**

WRPLOT View - Lakes Environmental Software

**2007 Mid-Continent Airport Exceedance Days Windrose – April. 1 – Oct. 31 (7am-7pm)**