

Kansas City Ozone Designation Process 2008

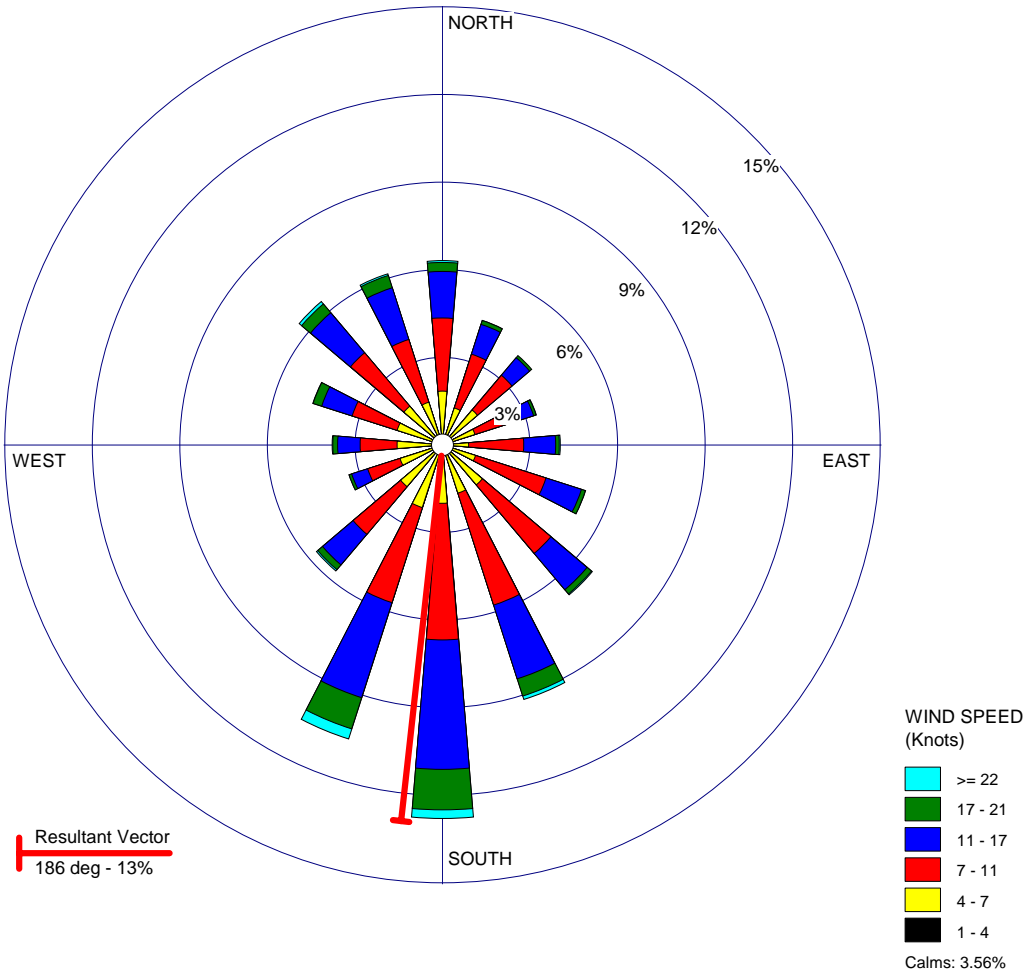
WindRoses


WIND ROSE PLOT:

Station #03947 - KANSAS CITY/INT'L ARPT, MO

DISPLAY:

**Wind Speed
Direction (blowing from)**



COMMENTS: Kansas City Int'l Arpt. Jan. 1 - Dec. 31 2005-2007	DATA PERIOD: 2005 2006 2007 Jan 1 - Dec 31 00:00 - 23:00	COMPANY NAME: Kansas Department of Health and Environment	
	CALM WINDS: 3.56%	MODELER: Douglas Watson	
	AVG. WIND SPEED: 9.16 Knots	TOTAL COUNT: 25867 hrs.	
		PROJECT NO.: 1	

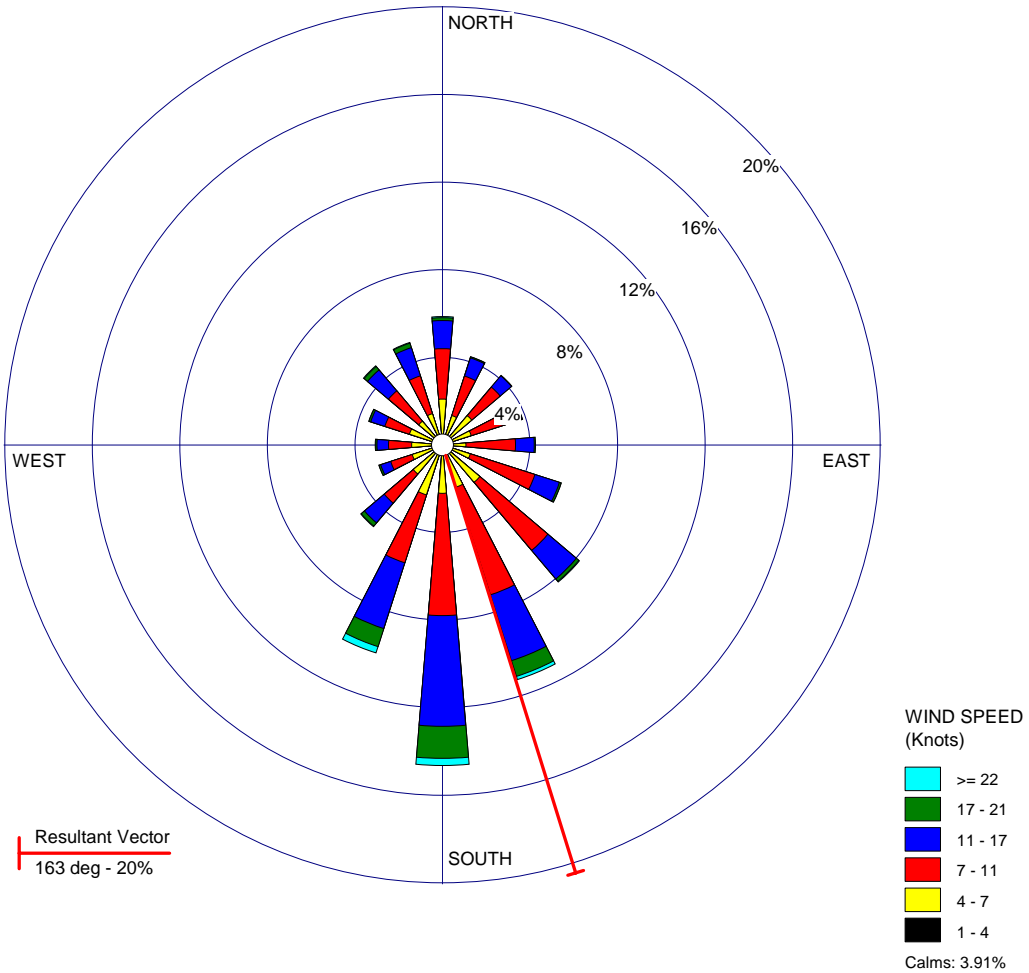
WRPLOT View - Lakes Environmental Software

WIND ROSE PLOT:

Station #03947 - KANSAS CITY/INT'L ARPT, MO

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:

Kansas City Int'l 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:

3.91%

TOTAL COUNT:

15078 hrs.

AVG. WIND SPEED:

8.80 Knots

DATE:

7/18/2008

PROJECT NO.:

2

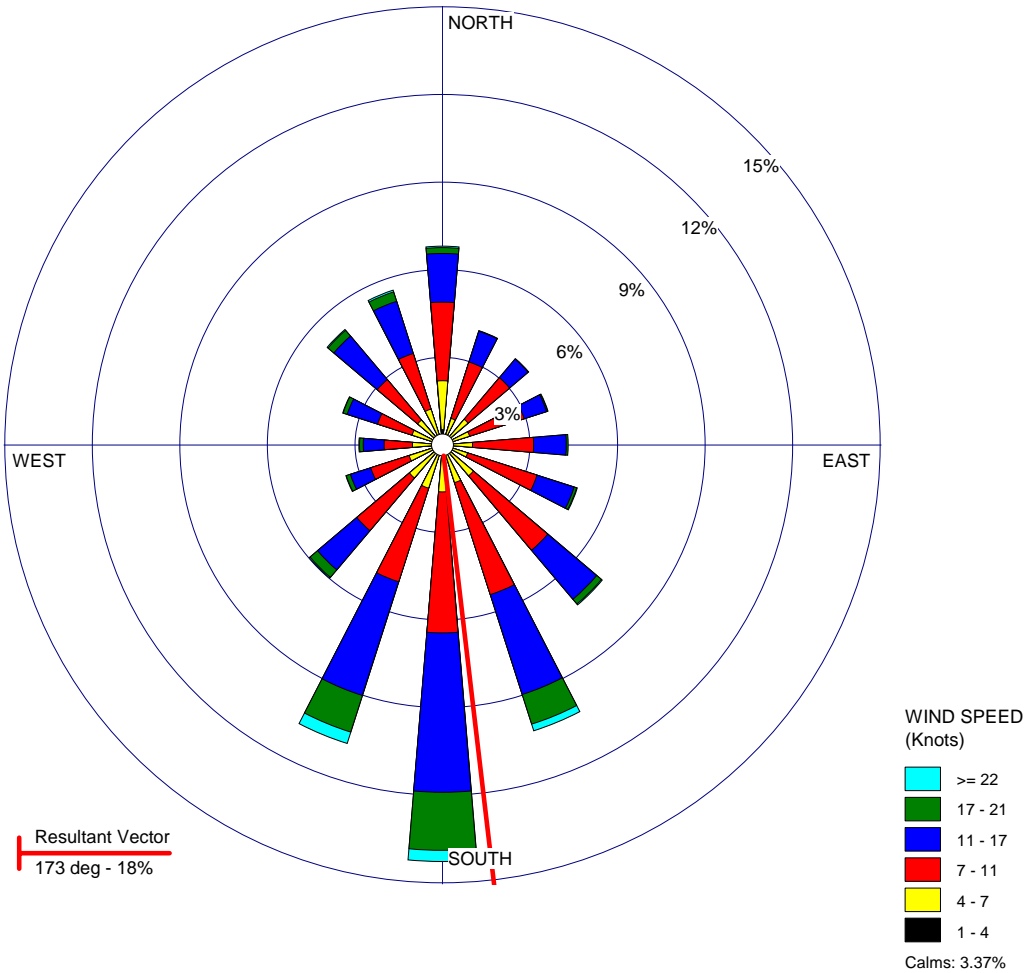
WRPLOT View - Lakes Environmental Software


WIND ROSE PLOT:

Station #03947 - KANSAS CITY/INT'L ARPT, MO

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS: Kansas City Int'l Arpt. April 1 - Oct. 31 2005-2007 Total Ozone Season 7am-7pm	DATA PERIOD: 2005 2006 2007 Apr 1 - Oct 31 07:00 - 19:00	COMPANY NAME: Kansas Department of Health and Environment	
	CALM WINDS: 3.37%	MODELER: Douglas Watson	
	AVG. WIND SPEED: 9.66 Knots	TOTAL COUNT: 8074 hrs.	

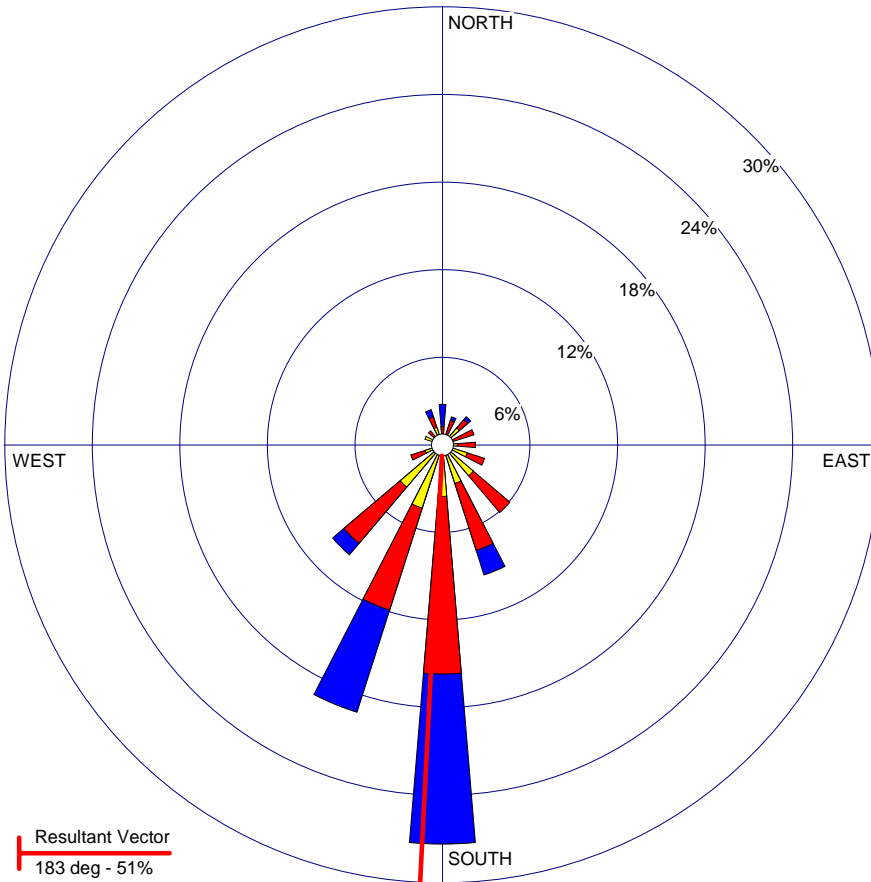
WRPLOT View - Lakes Environmental Software

WIND ROSE PLOT:

Station #03947 - KANSAS CITY/INT'L ARPT, MO

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(Knots)

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

Calms: 5.30%

COMMENTS:

Kansas City Int'l Arpt.
April 1 - Oct. 31
2005
8-Hr. Ozone Days >=0.076ppm
7am-7pm

DATA PERIOD:

2005
Check Date Range Report
07:00 - 19:00

COMPANY NAME:

Kansas Department of Health and Environment

MODELER:

Douglas Watson



CALM WINDS:

5.30%

TOTAL COUNT:

396 hrs.

AVG. WIND SPEED:

7.97 Knots

DATE:

7/30/2008

PROJECT NO.:

3

WRPLOT View - Lakes Environmental Software

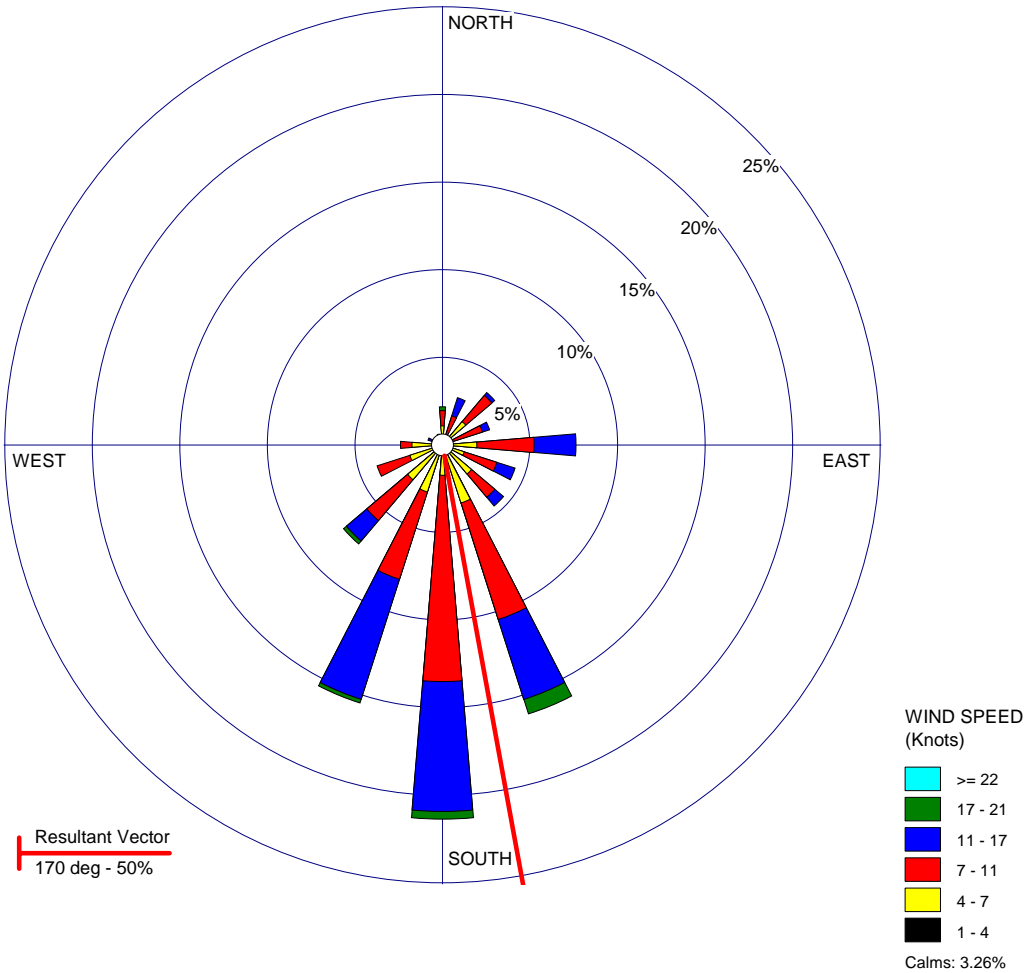
2005 Kansas City International Airport Exceedance Days Windrose – April. 1 – Oct. 31 (7am-7pm)

WIND ROSE PLOT:

Station #03947 - KANSAS CITY/INT'L ARPT, MO

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:

Kansas City Int'l Arpt.
April 1 - Oct. 31
2006
8-Hr. Ozone Days ≥ 0.076 ppm
7am-7pm

DATA PERIOD:

2006
Check Date Range Report
07:00 - 19:00

COMPANY NAME:

Kansas Department of Health and Environment

MODELER:

Douglas Watson



CALM WINDS:

3.26%

TOTAL COUNT:

460 hrs.

AVG. WIND SPEED:

8.68 Knots

DATE:

7/30/2008

PROJECT NO.:

4

WRPLOT View - Lakes Environmental Software

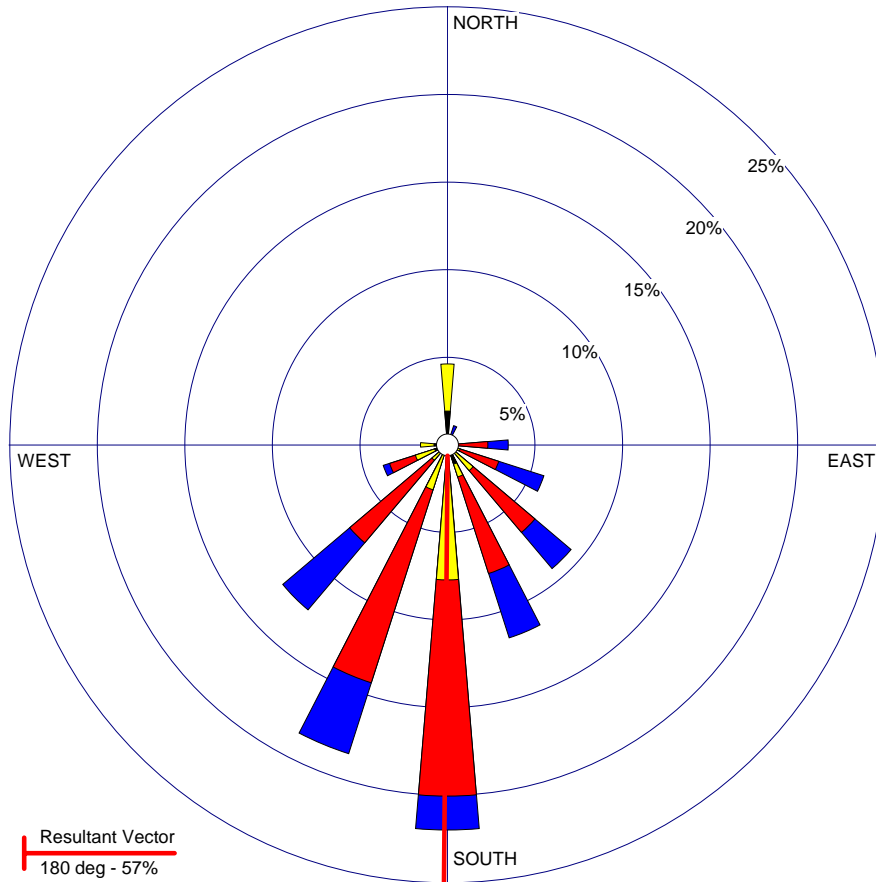
2006 Kansas City International Airport Exceedance Days Windrose – April. 1 – Oct. 31 (7am-7pm)

WIND ROSE PLOT:

Station #03947 - KANSAS CITY/INT'L ARPT, MO

DISPLAY:


**Wind Speed
Direction (blowing from)**



WIND SPEED
(Knots)

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

Calms: 4.62%

<p>COMMENTS:</p> <p>Kansas City Int'l Arpt. April 1 - Oct. 31 2007 8-Hr. Ozone Days >=0.076ppm 7am-7pm</p>	<p>DATA PERIOD:</p> <p>2007 Check Date Range Report 07:00 - 19:00</p>	<p>COMPANY NAME:</p> <p>Kansas Department of Health and Environment</p>		
	<p>CALM WINDS:</p> <p>4.62%</p>	<p>MODELER:</p> <p>Douglas Watson</p>		
	<p>AVG. WIND SPEED:</p> <p>8.08 Knots</p>	<p>TOTAL COUNT:</p> <p>260 hrs.</p>		

WRPLOT View - Lakes Environmental Software

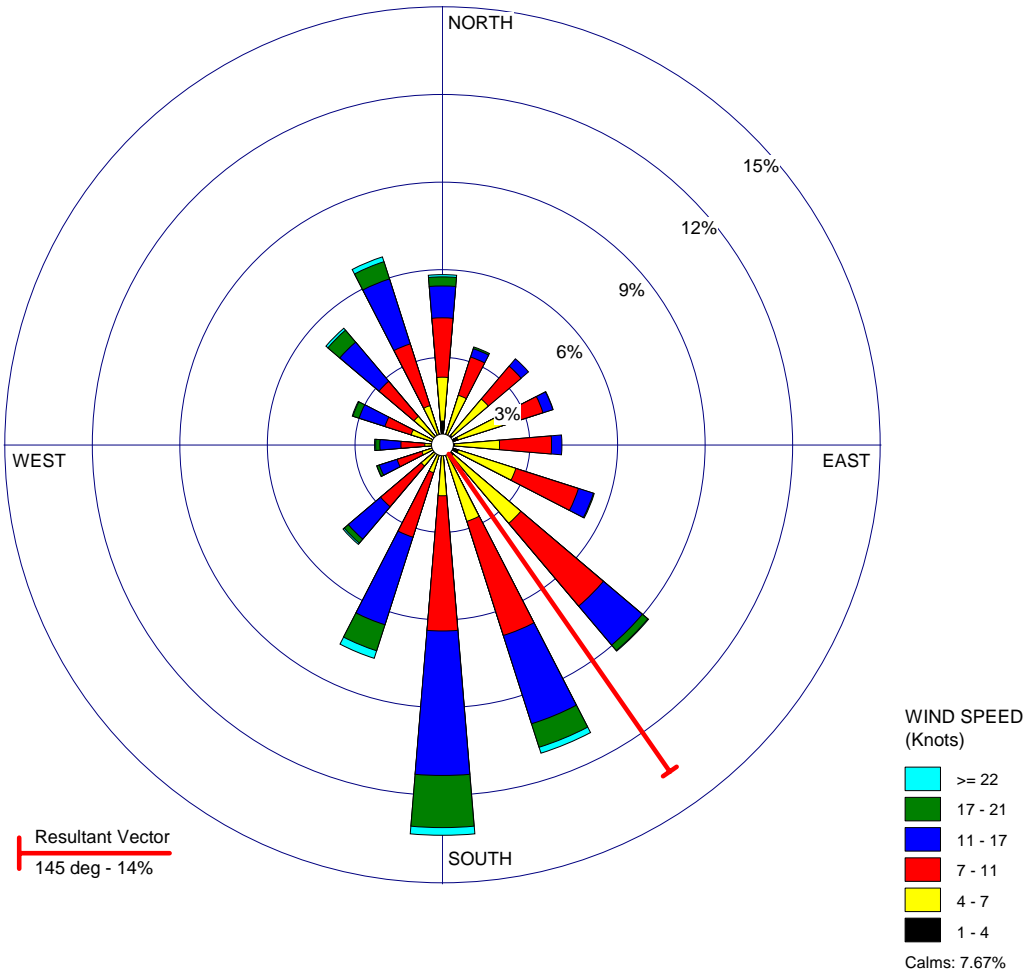
2007 Kansas City International Airport Exceedance Days Windrose – April. 1 – Oct. 31 (7am-7pm)


WIND ROSE PLOT:

Station #03997 - Lawrence Airport, KS

DISPLAY:

**Wind Speed
Direction (blowing from)**

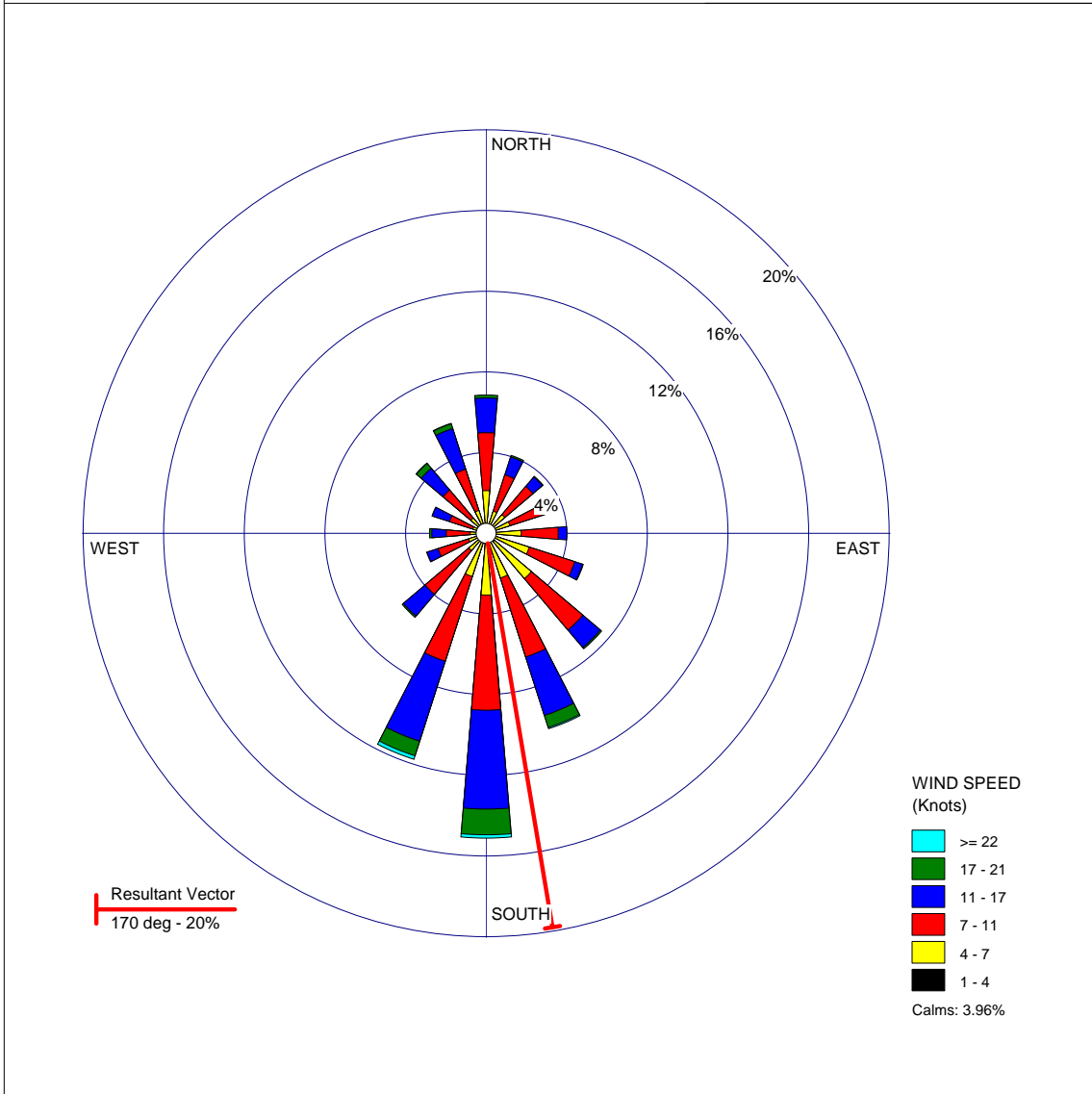



<p>COMMENTS:</p> <p>Lawrence Airport April 1 - Oct. 31 2005-2007 Total Ozone Season 7am-7pm</p>	<p>DATA PERIOD:</p> <p>2005 2006 2007 Apr 1 - Oct 31 07:00 - 19:00</p>	<p>COMPANY NAME:</p> <p>Kansas Department of Health and Environment</p>		
	<p>CALM WINDS:</p> <p>7.67%</p>	<p>MODELER:</p> <p>Douglas Watson</p>		
	<p>AVG. WIND SPEED:</p> <p>8.63 Knots</p>	<p>TOTAL COUNT:</p> <p>8083 hrs.</p>		

WRPLOT View - Lakes Environmental Software

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

WIND ROSE PLOT: **Station #03967 - Olathe Airport, KS** DISPLAY: **Wind Speed**
Direction (blowing from)



COMMENTS: Olathe Airport April 1 - Oct. 31 2005-2007 Total Ozone Season 7am-7pm	DATA PERIOD: 2005 2006 2007 Apr 1 - Oct 31 07:00 - 19:00	COMPANY NAME: Kansas Department of Health and Environment	
	CALM WINDS: 3.96%	MODELER: Douglas Watson	
	AVG. WIND SPEED: 8.71 Knots	TOTAL COUNT: 8000 hrs.	
		DATE: 8/6/2008	

WRPLOT View - Lakes Environmental Software

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