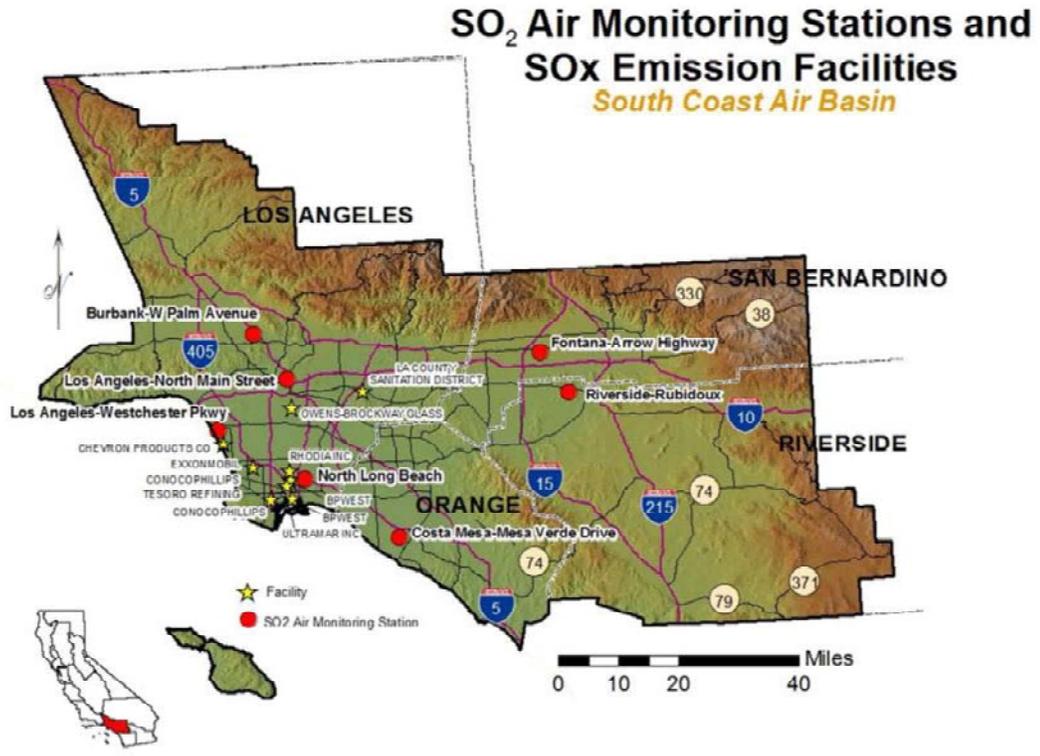
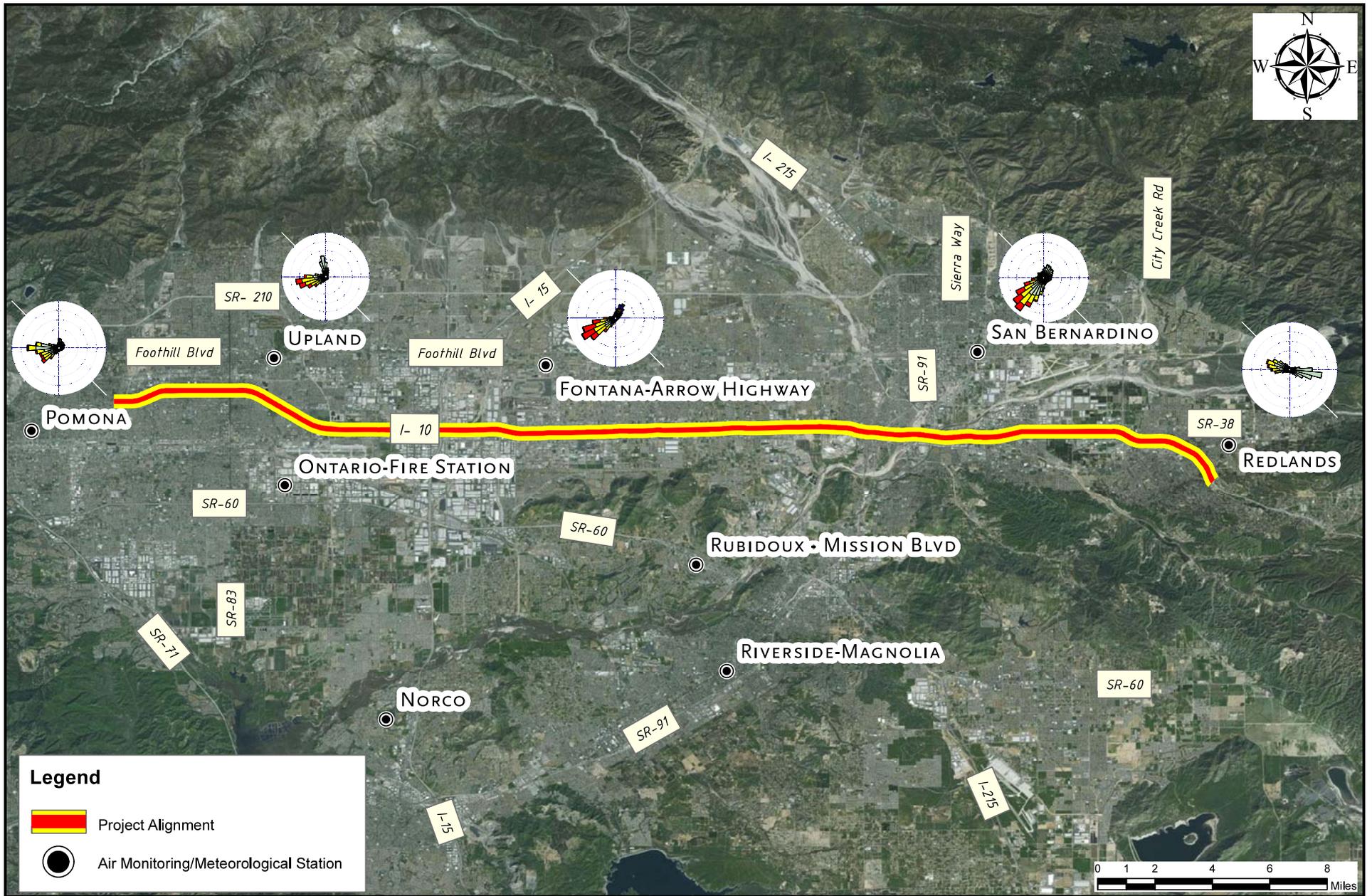


Figure 4. Largest SOx emission facilities in South Coast Air Basin





SOURCE: State of California, Department of Transportation and TAHA, 2014.



Interstate 10 Corridor Project
 STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION

FIGURE 5A

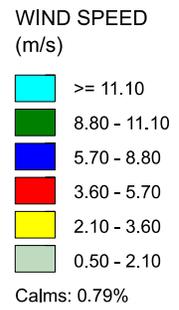
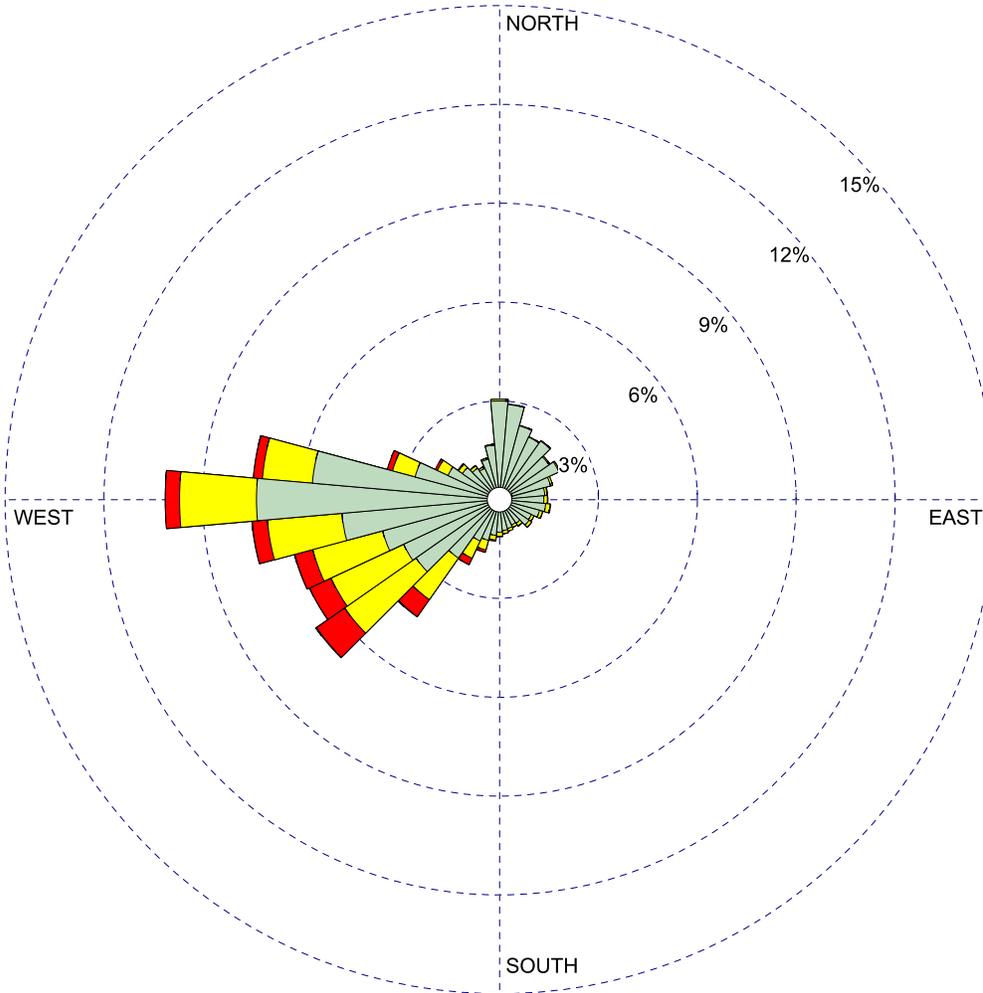
**AIR MONITORING/
 METEOROLOGICAL STATIONS**

WIND ROSE PLOT:

Figure 5B- Pomona

DISPLAY:

Wind Speed
Direction (blowing from)



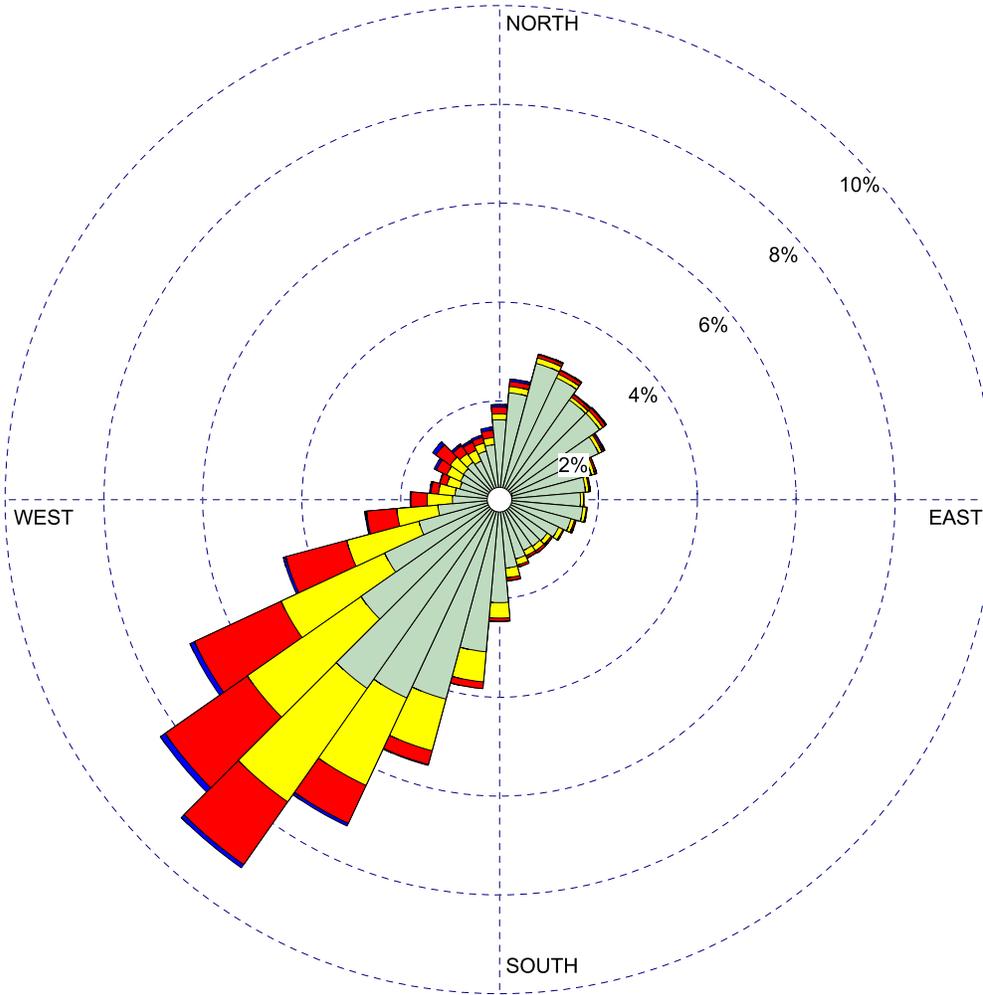
COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	Start Date: 1/2/2008 - 00:00 End Date: 12/31/2012 - 23:00	MODELER:	
	CALM WINDS:	TOTAL COUNT:	
	0.79%	43406 hrs.	
AVG. WIND SPEED:	DATE:	PROJECT NO.:	
1.38 m/s	7/2/2014	2013-011	

WIND ROSE PLOT:

Figure 5C-San Bernardino

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 0.08%

COMMENTS:

DATA PERIOD:

Start Date: 1/1/2007 - 00:00
End Date: 12/31/2011 - 23:00

COMPANY NAME:

MODELER:

CALM WINDS:

0.08%

TOTAL COUNT:

43480 hrs.

AVG. WIND SPEED:

1.69 m/s

DATE:

7/2/2014

PROJECT NO.:

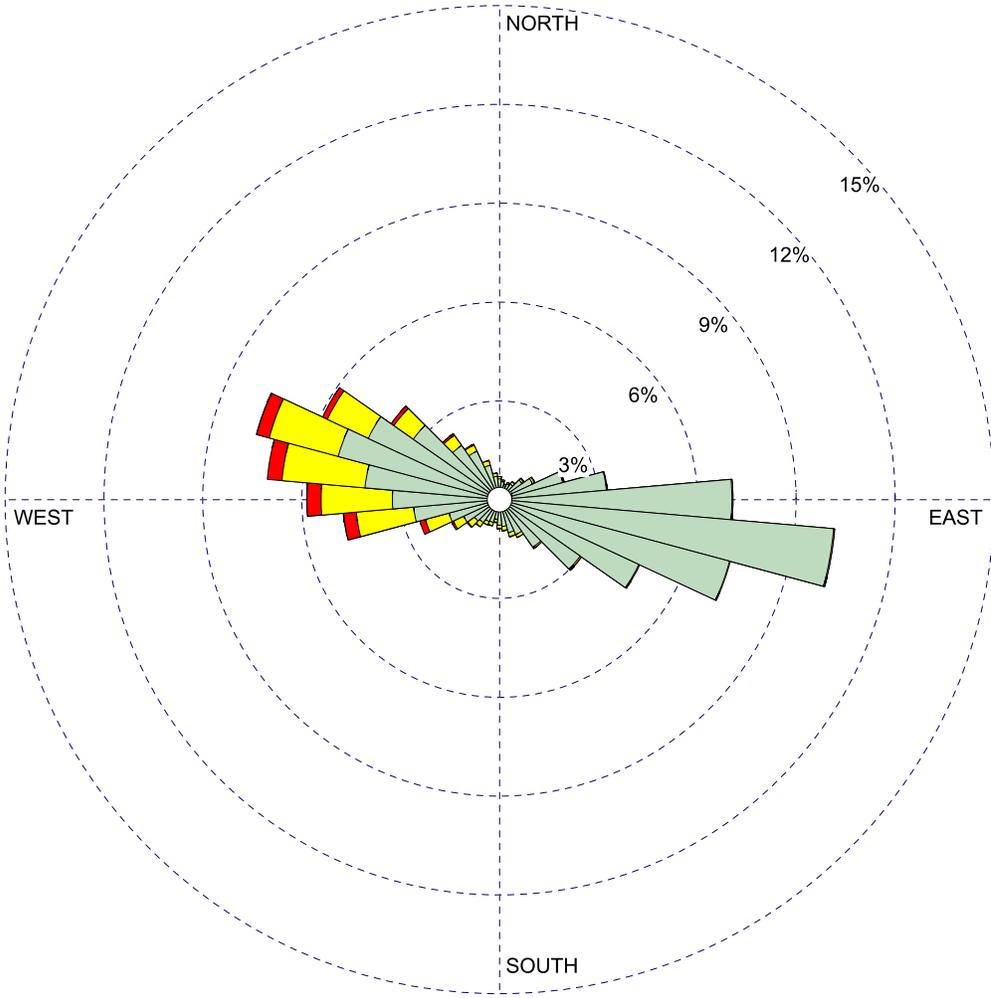
2013-011

WIND ROSE PLOT:

Figure 5D- Redlands

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED (m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 0.01%

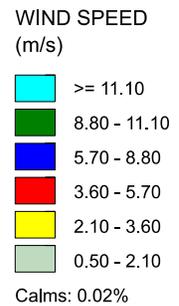
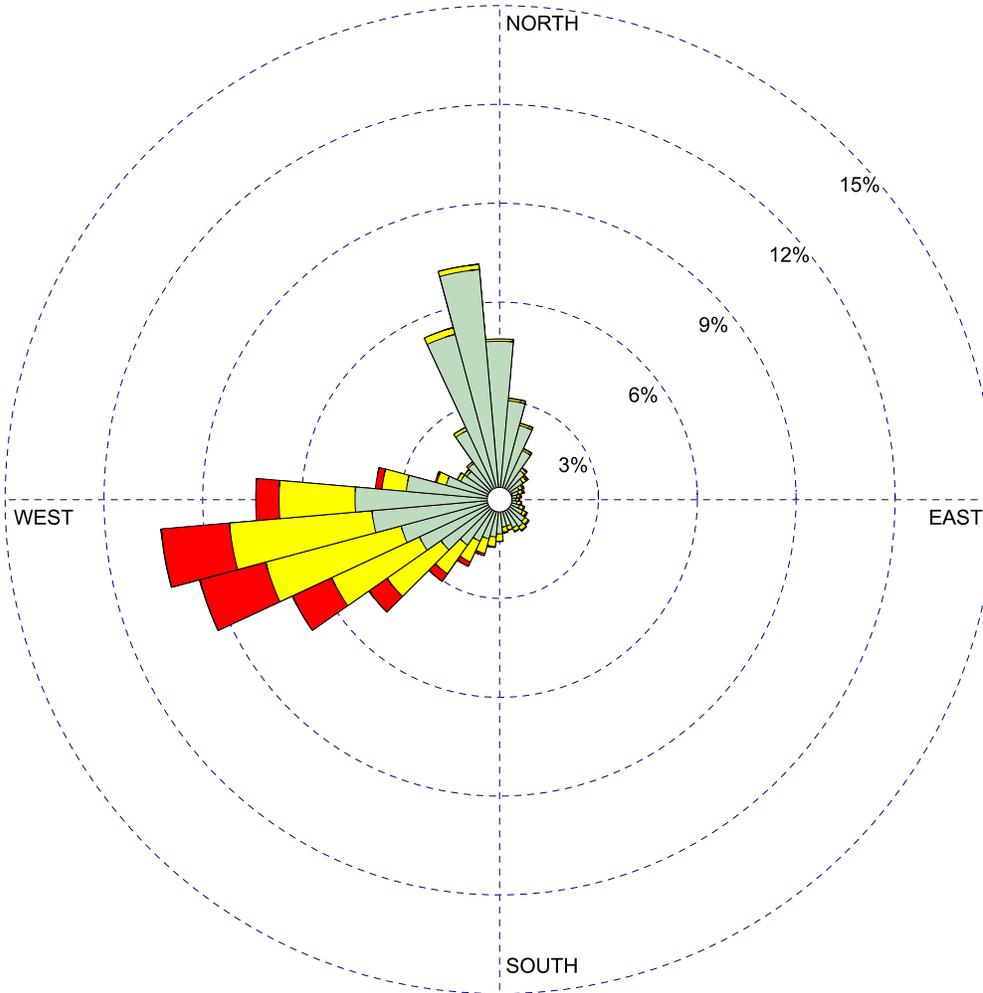
COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	Start Date: 1/1/2007 - 00:00 End Date: 12/31/2012 - 23:00	MODELER:	
	CALM WINDS:	TOTAL COUNT:	
	0.01%	43416 hrs.	
	AVG. WIND SPEED:	DATE:	PROJECT NO.:
	1.23 m/s	7/2/2014	2013-011

WIND ROSE PLOT:

Figure 5E- Upland

DISPLAY:

Wind Speed
Direction (blowing from)



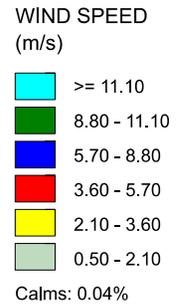
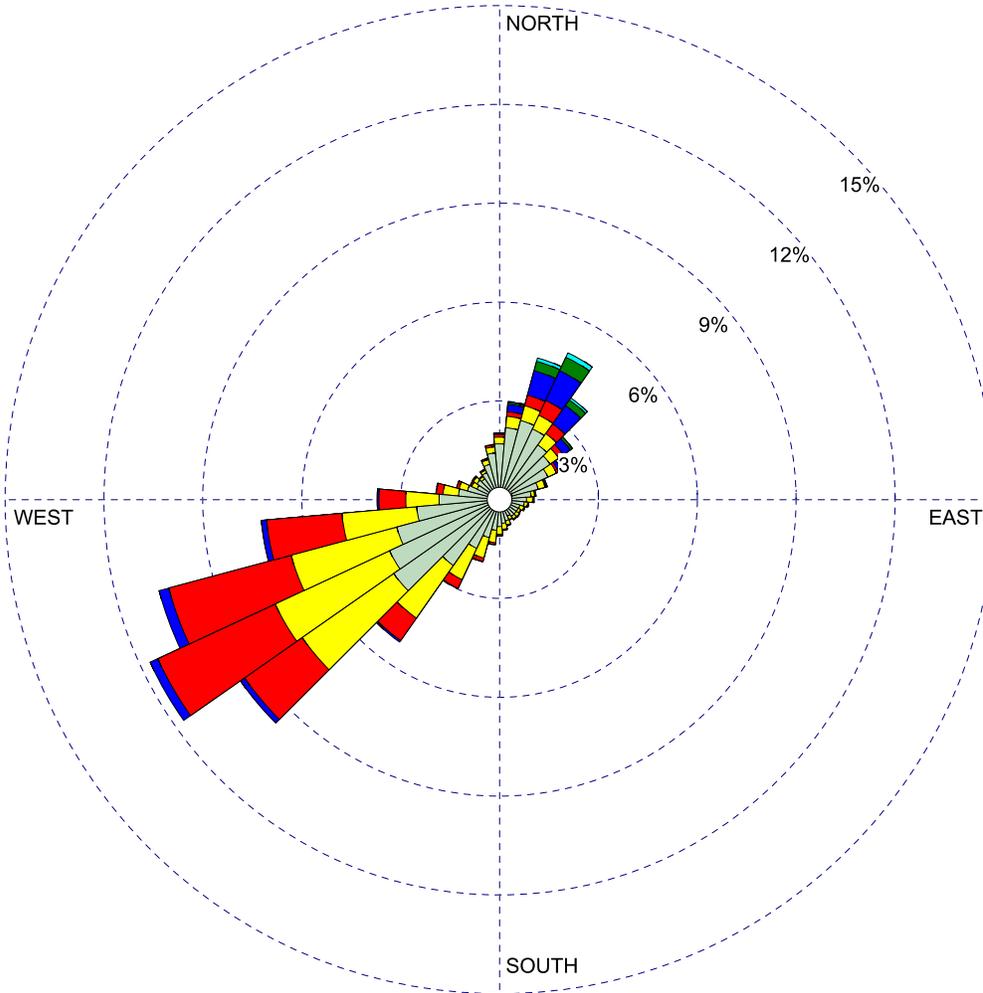
COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	Start Date: 1/2/2008 - 00:00 End Date: 12/31/2012 - 23:00	MODELER:	
	CALM WINDS:	TOTAL COUNT:	
	0.02%	43185 hrs.	
	AVG. WIND SPEED:	DATE:	PROJECT NO.:
	1.73 m/s	7/2/2014	2013-011

WIND ROSE PLOT:

Figure 5F- Fontana

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	Start Date: 1/4/2008 - 00:00 End Date: 12/31/2012 - 23:00	MODELER:	
	CALM WINDS:	TOTAL COUNT:	
	0.04%	43276 hrs.	
AVG. WIND SPEED:	DATE:	PROJECT NO.:	
2.47 m/s	7/2/2014	2013-011	

Figure 6. Flow Chart of Calculation of Design Values

