

"Environmental" Report

This report describes the annual wind distribution and rainfall for any site. It is often a prerequisite when making applications for quarrying or landfill.

For any site, for the year as a whole, this report presents:

- * The distribution for all hours of mean wind speed and direction
- * The proportion of all hours that are calm
- * The average number of days for each month that are "dry" (ie <0.2mm rain)

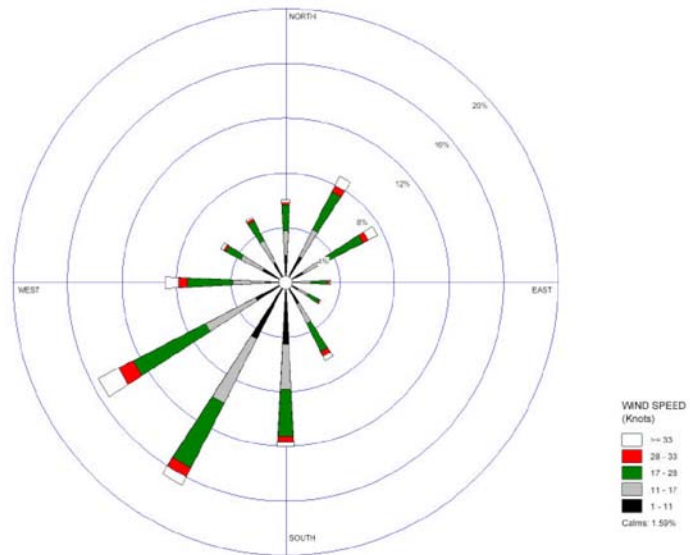
ENVIRONMENTAL REPORT FOR
Swindon, Wiltshire
All Months 1996-2005

Average No. of "Dry" Days for Swindon (Wiltshire) 8:41 PM
Tuesday 28 November 2006
All Months 1996-2005

Month	Average No. "Dry" Days (ie Rainfall <0.2mm)
January	14.9
February	13.1
March	17.7
April	14.4
May	16.1
June	16.5
July	18.4
August	18.0
September	17.3
October	13.9
November	13.5
December	14.7
Year	188.5

Hourly Mean Wind Spider for Swindon (Wiltshire) 8:24 PM
Tuesday 28 November 2006
All Months 1996-2005

DIRECTION OF MEAN WIND			% OF ALL HOURS MEAN WIND SPEED KNOTS						
Centred Around	Lower Limit	Upper Limit	Calm	<11	11-16	17-27	28-33	>33	All
000°	345°	014.9°	1.99%	1.80%	1.86%	0.21%	0.22%	6.08%	
030°	015°	044.9°	2.12%	2.22%	3.10%	0.51%	0.75%	8.70%	
060°	045°	074.9°	1.40%	1.95%	2.97%	0.45%	0.76%	7.53%	
090°	075°	104.9°	0.95%	0.95%	1.14%	0.14%	0.10%	3.29%	
120°	105°	134.9°	0.97%	0.85%	0.90%	0.10%	0.09%	2.90%	
150°	135°	164.9°	1.76%	1.59%	2.32%	0.37%	0.35%	6.38%	
180°	165°	194.9°	4.52%	3.29%	3.44%	0.43%	0.36%	12.03%	
210°	195°	224.9°	4.59%	5.30%	5.32%	0.72%	0.68%	16.62%	
240°	225°	254.9°	2.45%	4.14%	5.95%	1.17%	1.66%	15.37%	
270°	255°	284.9°	1.50%	2.38%	3.30%	0.66%	1.01%	8.85%	
300°	285°	314.9°	1.88%	1.79%	1.27%	0.17%	0.24%	5.34%	
330°	315°	344.9°	1.67%	1.76%	1.59%	0.17%	0.14%	5.32%	
All			1.59%	25.80%	28.02%	33.16%	5.10%	6.36%	



If you require further information, the author.

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