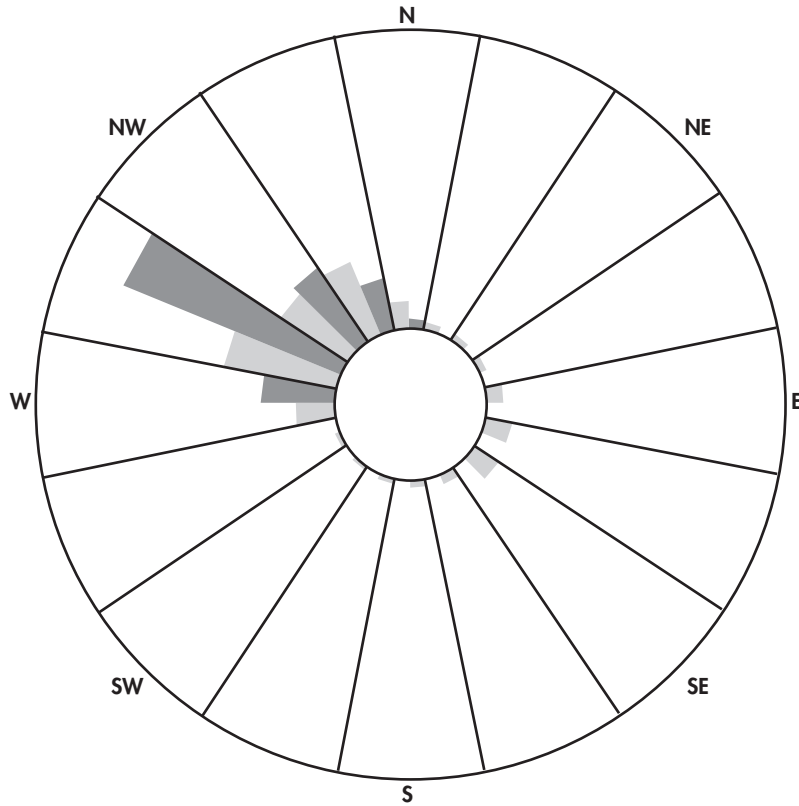


ELLENSBURG, WASHINGTON  
05-01-92 to 10-31-1994



compass direction	mean speed (mph)	
N	349 - 11	10.3
NNE	11 - 34	4.4
NE	34 - 56	3.3
ENE	56 - 79	3.5
E	79 - 101	5.1
ESE	101 - 124	7.5
SE	124 - 146	7.1
SSE	146 - 169	6.6
S	169 - 191	6.9
SSW	191 - 214	6.3
SW	214 - 236	5.5
WSW	236 - 259	6.3
W	259 - 281	22.8
WNW	281 - 304	23.5
NW	304 - 326	17.4
NNW	326 - 349	14.3

% turbine energy    inner circle = 0%  
 % time                    outer circle = 60%

Source: Sagebrush Power Partners LLC 2003c

FIGURE 3.11-1

KITTITAS VALLEY AREA WIND ROSE