

Prosper July 1991 - 2005

| Range | Dir | Count | Upper Limit | Cum. Freq. | Wind Speed-> | <=3 | >3 - 9 | >9 - 15 | >15 - 21 | >21 - 27 | >27 |
|------------------|-----|-------|-------------|------------|--------------|-----|--------|---------|----------|----------|-----|
| >=348.75 - 11.25 | N | 1019 | 11.25 | 1019 | | 135 | 623 | 227 | 25 | 9 | |
| >11.25 - 33.75 | NNE | 783 | 33.75 | 1802 | | 152 | 497 | 124 | 10 | | |
| >33.75 - 56.25 | NE | 445 | 56.25 | 2247 | | 94 | 298 | 47 | 6 | | |
| >56.25 - 78.75 | ENE | 307 | 78.75 | 2554 | | 76 | 203 | 28 | | | |
| >78.75 - 101.25 | E | 366 | 101.25 | 2920 | | 70 | 271 | 24 | | 1 | |
| >101.25 - 123.75 | ESE | 376 | 123.75 | 3296 | | 53 | 294 | 24 | 5 | | |
| >123.75 - 146.25 | SE | 751 | 146.25 | 4047 | | 69 | 505 | 166 | 11 | | |
| >146.25 - 168.75 | SSE | 1443 | 168.75 | 5490 | | 102 | 848 | 457 | 35 | 1 | |
| >168.75 - 191.25 | S | 930 | 191.25 | 6420 | | 151 | 544 | 220 | 15 | | |
| >191.25 - 213.75 | SSW | 561 | 213.75 | 6981 | | 100 | 349 | 97 | 15 | | |
| >213.75 - 236.25 | SW | 493 | 236.25 | 7474 | | 100 | 316 | 60 | 17 | | |
| >236.25 - 258.75 | WSW | 441 | 258.75 | 7915 | | 114 | 254 | 60 | 13 | | |
| >258.75 - 281.25 | W | 571 | 281.25 | 8486 | | 130 | 327 | 113 | 1 | | |
| >281.25 - 303.75 | WNW | 922 | 303.75 | 9408 | | 158 | 508 | 235 | 21 | | |
| >303.75 - 326.25 | NW | 870 | 326.25 | 10278 | | 117 | 466 | 256 | 28 | 3 | |
| >326.25 - 348.75 | NNW | 882 | 348.75 | 11160 | | 110 | 541 | 198 | 26 | 7 | |

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|------------------|-----|-------|-------------|------------|--------------|-------|--------|---------|----------|----------|-----|
| >=348.75 - 11.25 | N | 9.1% | 11.25 | 9.13% | | 1.21% | 5.58% | 2.03% | 0.22% | 0.08% | |
| >11.25 - 33.75 | NNE | 7.0% | 33.75 | 16.15% | | 1.36% | 4.45% | 1.11% | 0.09% | | |
| >33.75 - 56.25 | NE | 4.0% | 56.25 | 20.13% | | 0.84% | 2.67% | 0.42% | 0.05% | | |
| >56.25 - 78.75 | ENE | 2.8% | 78.75 | 22.89% | | 0.68% | 1.82% | 0.25% | | | |
| >78.75 - 101.25 | E | 3.3% | 101.25 | 26.16% | | 0.63% | 2.43% | 0.22% | | 0.01% | |
| >101.25 - 123.75 | ESE | 3.4% | 123.75 | 29.53% | | 0.47% | 2.63% | 0.22% | 0.04% | | |
| >123.75 - 146.25 | SE | 6.7% | 146.25 | 36.26% | | 0.62% | 4.53% | 1.49% | 0.10% | | |
| >146.25 - 168.75 | SSE | 12.9% | 168.75 | 49.19% | | 0.91% | 7.60% | 4.09% | 0.31% | 0.01% | |
| >168.75 - 191.25 | S | 8.3% | 191.25 | 57.53% | | 1.35% | 4.87% | 1.97% | 0.13% | | |
| >191.25 - 213.75 | SSW | 5.0% | 213.75 | 62.55% | | 0.90% | 3.13% | 0.87% | 0.13% | | |
| >213.75 - 236.25 | SW | 4.4% | 236.25 | 66.97% | | 0.90% | 2.83% | 0.54% | 0.15% | | |
| >236.25 - 258.75 | WSW | 4.0% | 258.75 | 70.92% | | 1.02% | 2.28% | 0.54% | 0.12% | | |
| >258.75 - 281.25 | W | 5.1% | 281.25 | 76.04% | | 1.16% | 2.93% | 1.01% | 0.01% | | |
| >281.25 - 303.75 | WNW | 8.3% | 303.75 | 84.30% | | 1.42% | 4.55% | 2.11% | 0.19% | | |
| >303.75 - 326.25 | NW | 7.8% | 326.25 | 92.10% | | 1.05% | 4.18% | 2.29% | 0.25% | 0.03% | |
| >326.25 - 348.75 | NNW | 7.9% | 348.75 | 100.00% | | 0.99% | 4.85% | 1.77% | 0.23% | 0.06% | |

15.51% 61.33% 20.93% 2.04% 0.19% 0.00%