

# Wind Speeds at Texas Wind Farms with known locations



Data collected from thewindpower.net and UL's Windnavigator and compiled by Wind Harvest

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|             |   |
|-------------|---|
| <i>Note</i> | 1. Wind speeds will vary across wind farms. This initial estimate used only one lat-long per wind farm. |
|             | 2. This table has an unknown accuracy level.  |
|             | 3. Winds at 20m agl will on average be 0.3 m/s faster than at 15m agl.                                  |

| Total Wind Farms in Country (MWs) | Total Projected MW over 6.5 m/s at 15m agl | Total Wind Farms analyzed (MW) | Total known MW over 6.5m/s at 15m agl | % of >6.5m/s by total at 15m agl |
|-----------------------------------|--|--------------------------------|---------------------------------------|----------------------------------|
| 25,439                            | 2,250                                      | 12,920                         | 1,143                                 | 8.8%                             |

| Wind Farm Name                               | Power (kW) | # of Turbines | Wind at 80m agl m/s | Wind at 15m agl m/s |
|--|------------|---------------|---------------------|---------------------|
| <a href="#">Red Canyon</a>                   | 84,000     | 56            | 9.47                | 7.34                |
| <a href="#">Wildorado</a>                    | 161,000    | 70            | 9.08                | 6.84                |
| <a href="#">Llano Estacado</a>               | 80,000     | 80            | 9.1                 | 6.78                |
| <a href="#">King Mountain Wind Ranch</a>     | 275,600    | 212           | 8.74                | 6.74                |
| <a href="#">Spinning Spur I</a>              | 161,000    | 70            | 8.84                | 6.73                |
| <a href="#">Whirlwind</a>                    | 59,800     | 26            | 8.92                | 6.57                |
| <a href="#">Brazos Wind Ranch</a>            | 160,000    | 160           | 8.75                | 6.51                |
| <a href="#">Majestic</a>                     | 161,100    | 104           | 8.62                | 6.47                |
| <a href="#">McAdoo</a>                       | 150,000    | 100           | 8.76                | 6.43                |
| <a href="#">JD Wind 4</a>                    | 79,800     | 38            | 8.81                | 6.4                 |
| <a href="#">Frisco</a>                       | 20,000     | 10            | 8.56                | 6.26                |
| <a href="#">Sunray II</a>                    | 39,000     | 26            | 8.49                | 6.24                |
| <a href="#">Noble Great Plains</a>           | 114,000    | 76            | 8.61                | 6.24                |
| <a href="#">Snyder Wind Project</a>          | 63,000     | 21            | 8.5                 | 6.08                |
| <a href="#">Trent Mesa Wind Farm</a>         | 150,000    | 100           | 8.91                | 6.07                |
| <a href="#">South Plains</a>                 | 500,300    | 191           | 8.43                | 6.07                |
| <a href="#">Camp Springs</a>                 | 219,000    | 146           | 8.38                | 6                   |
| <a href="#">Sweetwater 4a</a>                | 135,000    | 135           | 8.5                 | 5.98                |
| <a href="#">Hackberry</a>                    | 165,600    | 72            | 8.42                | 5.97                |
| <a href="#">Goat Mountain Phase II</a>       | 69,600     | 29            | 8.32                | 5.94                |
| <a href="#">Goat Mountain Phase I</a>        | 80,000     | 80            | 8.32                | 5.94                |
| <a href="#">Woodward Mountain I &amp; II</a> | 159,720    | 242           | 8.07                | 5.91                |
| <a href="#">Pleasant Hill</a>                | 22,000     | 11            | 8.19                | 5.9                 |
| <a href="#">Camp Springs II (4Q07)</a>       | 31,500     | 21            | 8.3                 | 5.9                 |

|   |         |     |      |      |
|---|---------|-----|------|------|
| <a href="#">Langford</a>                    | 150,000 | 100 | 8.36 | 5.88 |
| <a href="#">Sherbino</a>                    | 300,000 | 110 | 8.57 | 5.88 |
| <a href="#">Indian Mesa Wind Farm</a>       | 82,500  | 125 | 8.32 | 5.87 |
| <a href="#">Buffalo Gap 3</a>               | 170,200 | 74  | 8.4  | 5.87 |
| <a href="#">Bobcat Bluff</a>                | 150,000 | 100 | 8.13 | 5.84 |
| <a href="#">Roscoe</a>                      | 781,500 | 627 | 8.27 | 5.81 |
| <a href="#">Wolf Ridge</a>                  | 112,500 | 75  | 8    | 5.79 |
| <a href="#">Octotillo Wind Farm</a>         | 58,800  | 28  | 8.35 | 5.77 |
| <a href="#">Sweetwater 4b</a>               | 186,300 | 81  | 8.22 | 5.77 |
| <a href="#">Forest Creek</a>                | 124,200 | 54  | 8.25 | 5.72 |
| <a href="#">Bull Creek Wind Farm</a>        | 180,000 | 180 | 8.03 | 5.71 |
| <a href="#">Gulf Wind</a>                   | 283,200 | 118 | 7.47 | 5.71 |
| <a href="#">Blue Summit</a>                 | 126,400 | 79  | 7.99 | 5.7  |
| <a href="#">Notrees 1B (GE Energy)</a>      | 60,000  | 40  | 7.91 | 5.69 |
| <a href="#">Capricorn Ridge (Siemens)</a>   | 149,500 | 65  | 7.93 | 5.69 |
| <a href="#">Cirrus 1</a>                    | 61,200  | 17  | 7.95 | 5.68 |
| <a href="#">Shannon</a>                     | 202,300 | 119 | 7.92 | 5.68 |
| <a href="#">Sand Bluff</a>                  | 90,000  | 45  | 8.21 | 5.66 |
| <a href="#">Notrees 1A (Vestas)</a>         | 90,750  | 55  | 7.87 | 5.66 |
| <a href="#">Capricorn Ridge (GE Energy)</a> | 513,000 | 342 | 8.05 | 5.66 |
| <a href="#">Chapman Ranch</a>               | 249,075 | 81  | 7.42 | 5.65 |
| <a href="#">Mozart</a>                      | 30,000  | 12  | 7.84 | 5.61 |
| <a href="#">Southwest Mesa Wind Farm</a>    | 80,250  | 107 | 7.82 | 5.61 |
| <a href="#">Sweetwater 3</a>                | 135,000 | 90  | 8.01 | 5.61 |
| <a href="#">Elbow Creek Wind Farm</a>       | 121,900 | 53  | 8.23 | 5.6  |
| <a href="#">South Trent Mesa</a>            | 101,200 | 44  | 8.32 | 5.59 |
| <a href="#">Lorraine</a>                    | 250,500 | 167 | 7.89 | 5.55 |
| <a href="#">Trinity Hills</a>               | 225,000 | 90  | 7.89 | 5.52 |
| <a href="#">Los Vientos I</a>               | 200,100 | 87  | 7.34 | 5.51 |
| <a href="#">Penescal</a>                    | 403,200 | 168 | 7.48 | 5.51 |
| <a href="#">Papalote Creek</a>              | 379,950 | 196 | 7.45 | 5.49 |
| <a href="#">Horse Hollow</a>                | 433,500 | 289 | 7.87 | 5.49 |
| <a href="#">Lone Star I</a>                 | 382,000 | 191 | 8.06 | 5.48 |
| <a href="#">Los Vientos II</a>              | 201,600 | 84  | 7.28 | 5.45 |
| <a href="#">Magic Valley I</a>              | 201,600 | 112 | 7.25 | 5.44 |
| <a href="#">Silver Star</a>                 | 60,000  | 24  | 7.97 | 5.42 |
| <a href="#">Big Spring I</a>                | 27,720  | 42  | 8.03 | 5.41 |
| <a href="#">Senate</a>                      | 150,000 | 75  | 7.81 | 5.41 |
| <a href="#">Panther Creek</a>               | 457,500 | 305 | 7.97 | 5.4  |
| <a href="#">Rocksprings</a>                 | 149,420 | 69  | 7.71 | 5.39 |
| <a href="#">Cedro Hill</a>                  | 150,000 | 100 | 7.57 | 5.33 |
| <a href="#">Callahan Divide Wind Energy</a> | 114,000 | 76  | 8.2  | 5.31 |
| <a href="#">Stanton Energy Center</a>       | 120,000 | 80  | 7.62 | 5.26 |
| <a href="#">Turkey Track</a>                | 169,500 | 113 | 7.53 | 5.26 |
| <a href="#">Buffalo Gap</a>                 | 353,100 | 222 | 8.39 | 5.26 |

|   |         |       |      |      |
|---|---------|-------|------|------|
| <a href="#">Goldthwaite</a>                 | 141,100 | 83    | 7.59 | 5.21 |
| <a href="#">Whitetail</a>                   | 91,200  | 57    | 7.45 | 5.15 |
| <a href="#">PYCO Soaring Wind Farm</a>      | 10,000  | 10    | 7.23 | 4.92 |
| <a href="#">Horse Hollow II</a>             | 299,000 | 130   | 7.6  | 4.75 |
| <a href="#">Barton Chapel Wind</a>          | 120,000 | 60    | 6.97 | 4.37 |
| <a href="#">Anacacho</a>                    | 99,000  | 55    | 6.44 | 4.34 |
| <a href="#">Amazon Wind Farm Texas</a>      | 253,000 | 110   |      |      |
| <a href="#">American Windmill Muse</a>      | 660     | 1     |      |      |
| <a href="#">Apogee Stadium Wind</a>         | 300     | 3     |      |      |
| <a href="#">Baffin</a>                      | 202,000 | 101   |      |      |
| <a href="#">Bearkat I</a>                   | 196,650 | 57    |      |      |
| <a href="#">Bethel (TX)</a>                 | 276,000 | 120   |      |      |
| <a href="#">Big Spring II (dismantled)</a>  | 7,000   | 4     |      |      |
| <a href="#">Big Spring III (dismantled)</a> | 7,000   | 4     |      |      |
| <a href="#">Blue Cloud</a>                  | 148,350 | 43    |      |      |
| <a href="#">Blue Summit</a>                 | 9,000   | 6     |      |      |
| <a href="#">Blue Summit II</a>              | 99,360  | unav. |      |      |
| <a href="#">Briscoe</a>                     | 149,850 | 81    |      |      |
| <a href="#">Broadview Energy</a>            | 82,800  | 36    |      |      |
| <a href="#">Bruening's Breeze</a>           | 228,000 | 76    |      |      |
| <a href="#">Buckthorn</a>                   | 10,350  | 3     |      |      |
| <a href="#">Buckthorn</a>                   | 89,700  | 26    |      |      |
| <a href="#">Cactus Flats</a>                | 148,350 | 43    |      |      |
| <a href="#">Cameron</a>                     | 165,000 | 55    |      |      |
| <a href="#">Colbeck's Corner</a>            | 200,480 | 112   |      |      |
| <a href="#">Cotton Plains</a>               | 50,400  | 21    |      |      |
| <a href="#">Delaware Mountain (dism)</a>    | 28,500  | 38    |      |      |
| <a href="#">Desert Sky Wind Farm Re</a>     | 38,670  | unav. |      |      |
| <a href="#">DeWind Demonstration P</a>      | 2,000   | 1     |      |      |
| <a href="#">Electra Wind Farm</a>           | 230,000 | 100   |      |      |
| <a href="#">Falvez Astra</a>                | 163,200 | 68    |      |      |
| <a href="#">Flat Top</a>                    | 200,000 | 100   |      |      |
| <a href="#">Fluvanna</a>                    | 155,400 | 74    |      |      |
| <a href="#">Gaines Cavern Wind Proje</a>    | 2,000   | 1     |      |      |
| <a href="#">Golden Spread Panhandle</a>     | 78,200  | 34    |      |      |
| <a href="#">Goldthwaite</a>                 | 7,500   | 3     |      |      |
| <a href="#">Grandview</a>                   | 105,610 | 59    |      |      |
| <a href="#">Grandview</a>                   | 105,610 | 59    |      |      |
| <a href="#">Green Pastures I</a>            | 150,000 | 50    |      |      |
| <a href="#">Green Pastures II</a>           | 150,000 | 50    |      |      |
| <a href="#">Gunsight</a>                    | 119,930 | 67    |      |      |
| <a href="#">Harbor Wind</a>                 | 9,000   | 6     |      |      |
| <a href="#">Hereford I</a>                  | 99,900  | 54    |      |      |
| <a href="#">Hereford I</a>                  | 100,000 | 50    |      |      |
| <a href="#">Horse Creek</a>                 | 230,000 | 100   |      |      |

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|---|---------|-------|--|--|
| <a href="#">Horse Hollow I</a>          | 3,000   | 2     |  |  |
| <a href="#">Hueco Mountain Wind Ra</a>  | 1,320   | 2     |  |  |
| <a href="#">Indian Mesa</a>             | 3,000   | 1     |  |  |
| <a href="#">Javelina</a>                | 18,700  | 11    |  |  |
| <a href="#">Javelina</a>                | 230,000 | 115   |  |  |
| <a href="#">Javelina II</a>             | 200,000 | 100   |  |  |
| <a href="#">JD Wind 1</a>               | 10,000  | 8     |  |  |
| <a href="#">JD Wind 10</a>              | 10,000  | 8     |  |  |
| <a href="#">JD Wind 11</a>              | 10,000  | 8     |  |  |
| <a href="#">JD Wind 2</a>               | 10,000  | 8     |  |  |
| <a href="#">JD Wind 3</a>               | 10,000  | 8     |  |  |
| <a href="#">JD Wind 5</a>               | 10,000  | 8     |  |  |
| <a href="#">JD Wind 6</a>               | 10,000  | 8     |  |  |
| <a href="#">JD Wind 7</a>               | 10,000  | 8     |  |  |
| <a href="#">JD Wind 8</a>               | 10,000  | 8     |  |  |
| <a href="#">JD Wind 9</a>               | 10,000  | 8     |  |  |
| <a href="#">Jumbo Road</a>              | 299,700 | 162   |  |  |
| <a href="#">Keechi</a>                  | 110,000 | 55    |  |  |
| <a href="#">King Mountain Wind Ranc</a> | 2,600   | 2     |  |  |
| <a href="#">King Mountain Wind Ranc</a> | 3,000   | 1     |  |  |
| <a href="#">Little Pringle I</a>        | 10,000  | 5     |  |  |
| <a href="#">Little Pringle II</a>       | 10,000  | 5     |  |  |
| <a href="#">Live Oak</a>                | 199,500 | 76    |  |  |
| <a href="#">Logan's Gap</a>             | 200,100 | 87    |  |  |
| <a href="#">Lone Star I (4Q07)</a>      | 18,000  | 9     |  |  |
| <a href="#">Longhorn</a>                | 200,000 | 100   |  |  |
| <a href="#">Lorenzo Winds</a>           | 80,460  | unav. |  |  |
| <a href="#">Los Mirasoles</a>           | 100,000 | 50    |  |  |
| <a href="#">Los Mirasoles</a>           | 150,000 | 75    |  |  |
| <a href="#">Los Vientos III</a>         | 200,000 | 100   |  |  |
| <a href="#">Los Vientos IV</a>          | 200,000 | 100   |  |  |
| <a href="#">Los Vientos V</a>           | 110,000 | 55    |  |  |
| <a href="#">Lubbock Wind Ranch I</a>    | 7,500   | 3     |  |  |
| <a href="#">Mariah North</a>            | 230,400 | 96    |  |  |
| <a href="#">Mesquite Creek</a>          | 200,600 | 118   |  |  |
| <a href="#">Miami</a>                   | 288,600 | 156   |  |  |
| <a href="#">Notrees 1C (Vestas)</a>     | 1,800   | 1     |  |  |
| <a href="#">Old Settler</a>             | 151,200 | 63    |  |  |
| <a href="#">Palo Duro</a>               | 249,900 | 147   |  |  |
| <a href="#">Panhandle I</a>             | 218,300 | 118   |  |  |
| <a href="#">Panhandle II</a>            | 181,700 | 79    |  |  |
| <a href="#">Pantex</a>                  | 11,500  | 5     |  |  |
| <a href="#">Ralls Wind Farm</a>         | 10,000  | 5     |  |  |
| <a href="#">Rattlesnake</a>             | 207,400 | 122   |  |  |
| <a href="#">Rattlesnake Wind</a>        | 160,000 | 64    |  |  |

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|--|---------|-------|--|--|
| <a href="#">Reese</a>                        | 2,000   | 1     |  |  |
| <a href="#">Reese Technology Center</a>      | 1,670   | 1     |  |  |
| <a href="#">Reese Technology Center</a>      | 2,300   | 1     |  |  |
| <a href="#">Reese Technology Center</a>      | 2,700   | 1     |  |  |
| <a href="#">Route 66</a>                     | 150,000 | 75    |  |  |
| <a href="#">Salt Fork</a>                    | 174,000 | 87    |  |  |
| <a href="#">San Roman</a>                    | 93,000  | 31    |  |  |
| <a href="#">Santa Rita</a>                   | 300,000 | 120   |  |  |
| <a href="#">Sendero</a>                      | 78,000  | 39    |  |  |
| <a href="#">Spinning Spur II</a>             | 160,950 | 87    |  |  |
| <a href="#">Spinning Spur III</a>            | 194,000 | 97    |  |  |
| <a href="#">Stella (TX)</a>                  | 201,000 | 67    |  |  |
| <a href="#">Stephens Ranch I</a>             | 211,220 | 118   |  |  |
| <a href="#">Stephens Ranch II</a>            | 164,900 | 97    |  |  |
| <a href="#">Sunray I</a>                     | 10,500  | 7     |  |  |
| <a href="#">Suzlon VII</a>                   | 2,100   | 1     |  |  |
| <a href="#">Suzlon VII</a>                   | 2,100   | 1     |  |  |
| <a href="#">Sweetwater 1 (dismantle)</a>     | 37,500  | 25    |  |  |
| <a href="#">Sweetwater 1 &amp; 2 repower</a> | 136,000 | unav. |  |  |
| <a href="#">Tahoka</a>                       | 300,000 | 120   |  |  |
| <a href="#">Texas Wind Farm</a>              | 400,000 | unav. |  |  |
| <a href="#">Torrecillas</a>                  | 300,000 | 120   |  |  |
| <a href="#">Trent Mesa Wind Farm R</a>       | 29,170  | unav. |  |  |
| <a href="#">Tyler Bluff</a>                  | 119,600 | 52    |  |  |
| <a href="#">UL Advanced Wind Turbin</a>      | 3,570   | 1     |  |  |
| <a href="#">Wake</a>                         | 257,250 | 150   |  |  |
| <a href="#">Wege Wind Farm</a>               | 10,000  | 8     |  |  |
| <a href="#">Wildcat</a>                      | 150,590 | unav. |  |  |
| <a href="#">Willow Springs</a>               | 250,000 | 100   |  |  |
| <a href="#">Wind Power Partners 94 (</a>     | 38,150  | 109   |  |  |
| <a href="#">Windthorst-2</a>                 | 69,000  | 30    |  |  |