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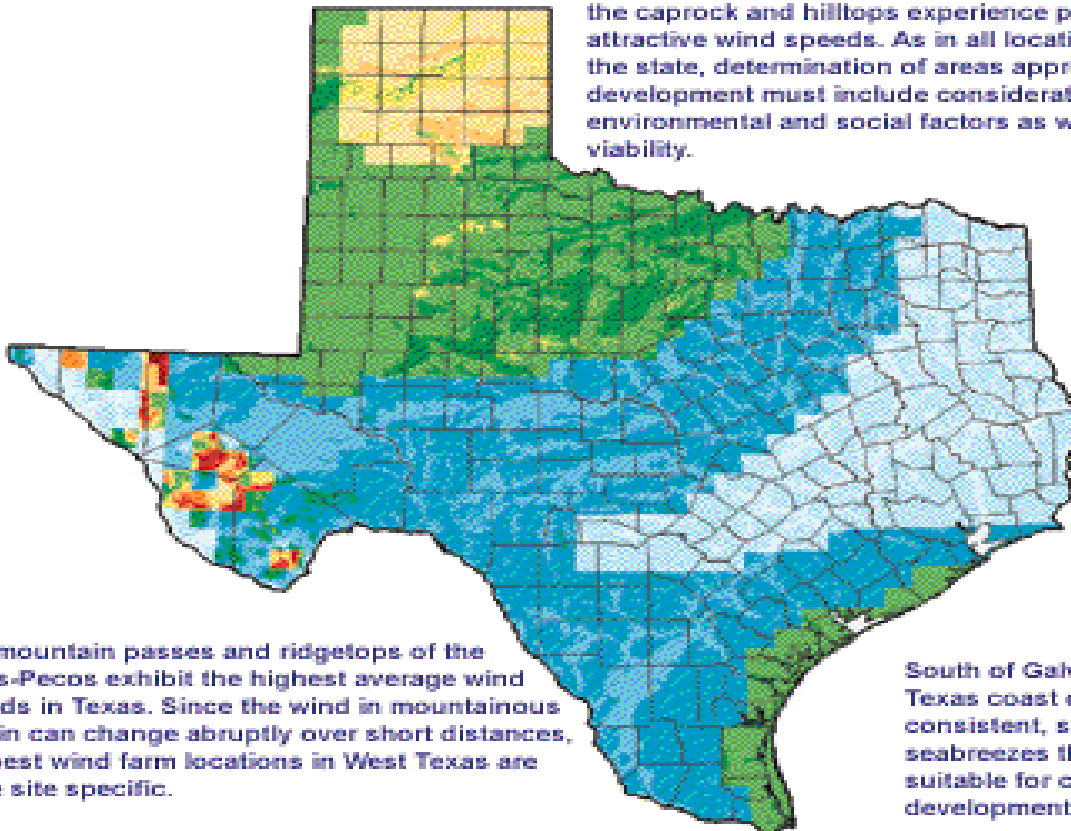
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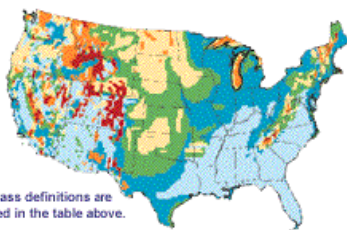
Wind Resource Map Texas

The Panhandle contains the state's greatest expanse with high quality winds. Well-exposed locations atop the caprock and hilltops experience particularly attractive wind speeds. As in all locations throughout the state, determination of areas appropriate for development must include consideration of environmental and social factors as well as technical viability.



The mountain passes and ridgetops of the Trans-Pecos exhibit the highest average wind speeds in Texas. Since the wind in mountainous terrain can change abruptly over short distances, the best wind farm locations in West Texas are quite site specific.

South of Galveston, the Texas coast experiences consistent, strong seabreezes that may prove suitable for commercial development.



wind class definitions are provided in the table above.

Wind Speed Averages, mph @ 50 m (164 ft.)

Class 1 = 0.0-12.5	Poor	Class 4 = 15.7-16.8	Very Good
Class 2 = 12.5-14.3	Fair	Class 5 = 16.8-17.9	Excellent
Class 3 = 14.3-15.7	Good	Class 6 = 17.9-19.7	Superior

WIND POWER		
CLASS 1	CLASS 3	CLASS 5
CLASS 2	CLASS 4	CLASS 6



Texas State Energy Conservation Office