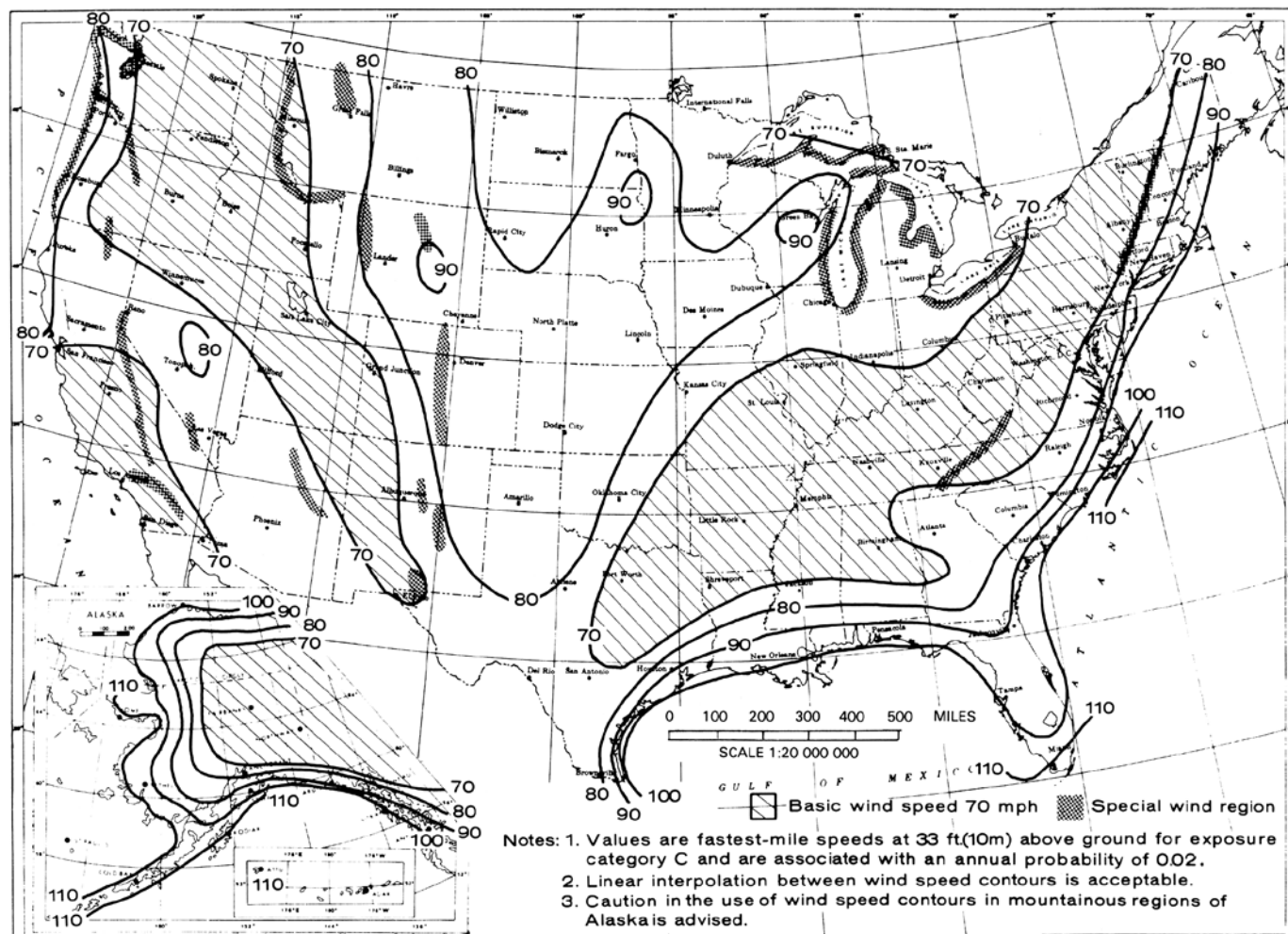


# WINDSPEED MAP



**Wind Speed Map and Pole EPAs are based on ANSI/ASCE 7-93 and AASHTO LTS-3-94. Please inform LSI if your local code requirements differ; LSI can supply calculations to your code requirements.**

## NOTES:

1. Values are the fastest-mile speeds at 33 ft. (10 m) above ground for exposure category C (Open terrain with scattered obstructions having heights generally less than 30 feet. This category includes flat, open country and grasslands) and are associated with an annual probability of 0.02.
2. Linear interpolation between wind speed contours is acceptable.
3. Caution in the use of wind speed contours in mountainous regions of Alaska is advised.
4. When using this map to determine EPA readings, always use high end of range.
5. EPAs are for locations 100 miles away from hurricane ocean lines. For other regions or specifications consult LSI. Note: Hurricane ocean lines are the Atlantic and the Gulf of Mexico coastal areas.
6. Fixture and pole EPA values are based on wind pressures and forces specified in ANSI/ASCE 7-93 or AASHTO LTS-3-94
7. Local code may require wind speeds other than those shown on map.

The United States wind speed conditions are reproduced with permission of the American Society of Civil Engineers – ASCE Standard 7-93 "Minimum Design Loads for Buildings and Other Structures." Copyright 1994 by the American Society of Civil Engineers. Copies of this standard may be purchased from the American Society of Civil Engineers, 345 East 47th Street, New York, NY 10017.

All LSI Industries' poles are guaranteed to meet the EPA requirements listed. LSI Industries is not responsible if a pole order has a lower EPA rating than the indicated wind-loading zone where the pole will be located. **CAUTION:** This guarantee does not apply if the pole/bracket/ fixture combination is used to support any other items such as flags, pennants, or signs, which would add stress to the pole. LSI Industries cannot accept responsibility for harm or damage caused in these situations.

**NOTE:** Pole calculations include a 1.3 gust factor over steady wind velocity.

**EXAMPLE:** Poles designed to withstand 80 mph steady wind will withstand gusts to 104 mph. EPAs are for locations 100 miles away from hurricane ocean lines. Consult LSI for other areas. Note: hurricane ocean lines are the Atlantic and Gulf of Mexico coastal areas.