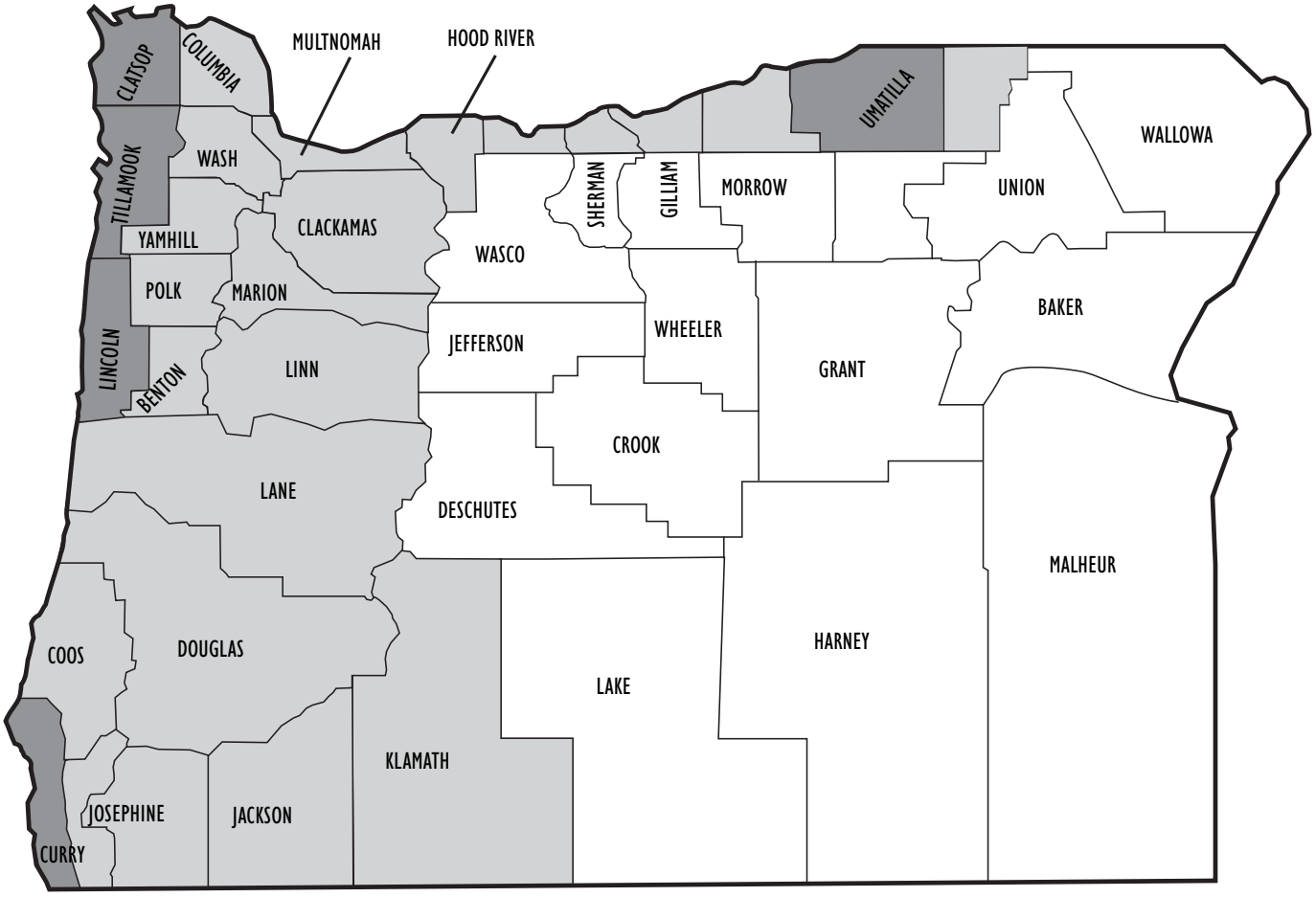


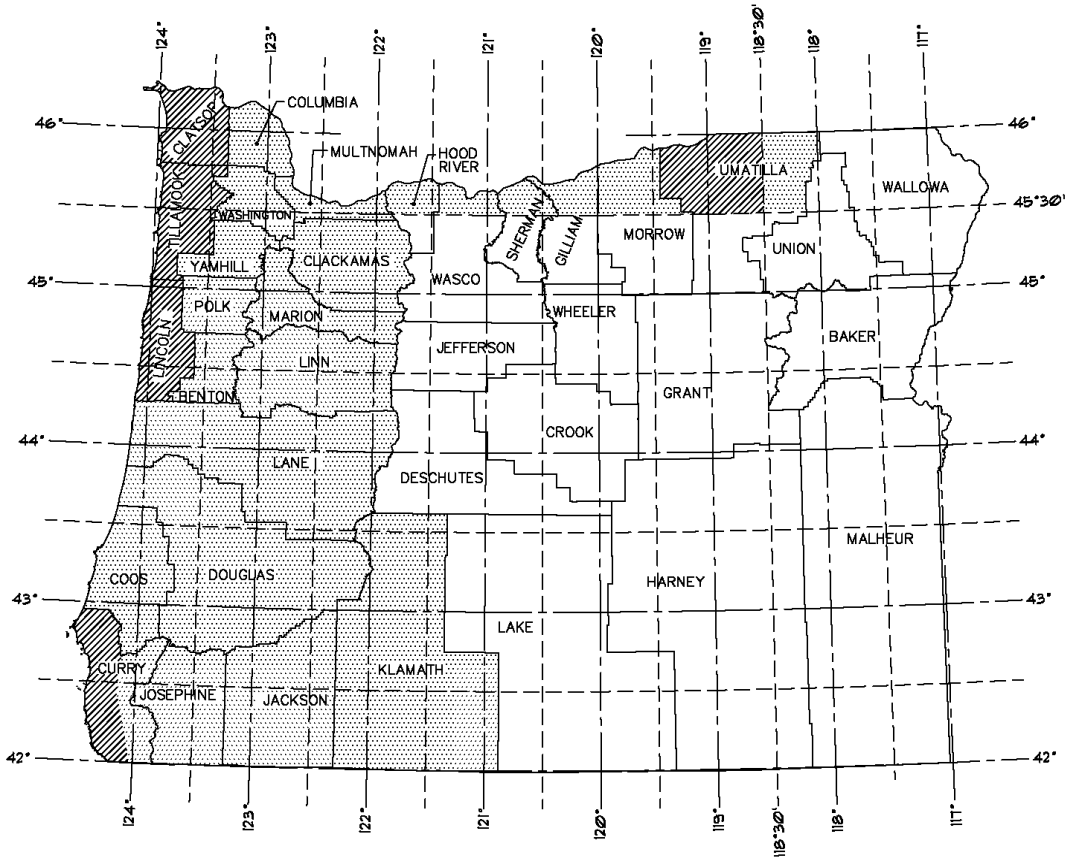
a. All areas with full exposure to ocean winds shall be designed 105 mph areas.

b. Values are nominal design 3-second gust wind speeds in miles per hour at 33 feet above ground for Exposure C category.

105 mph
95 mph
85 mph

For SI: 1 mile per hour = 0.44 m/s

FIGURE R301.2(4)[a, b]
OREGON BASIC WIND SPEEDS FOR 50-YEAR MEAN RECURRENCE INTERVAL



1. All areas with full exposure to ocean winds shall be designed 135 mph areas.
2. Areas in Hood River and Multnomah Counties with full exposure to Columbia River Gorge winds shall be designed 135 mph areas.

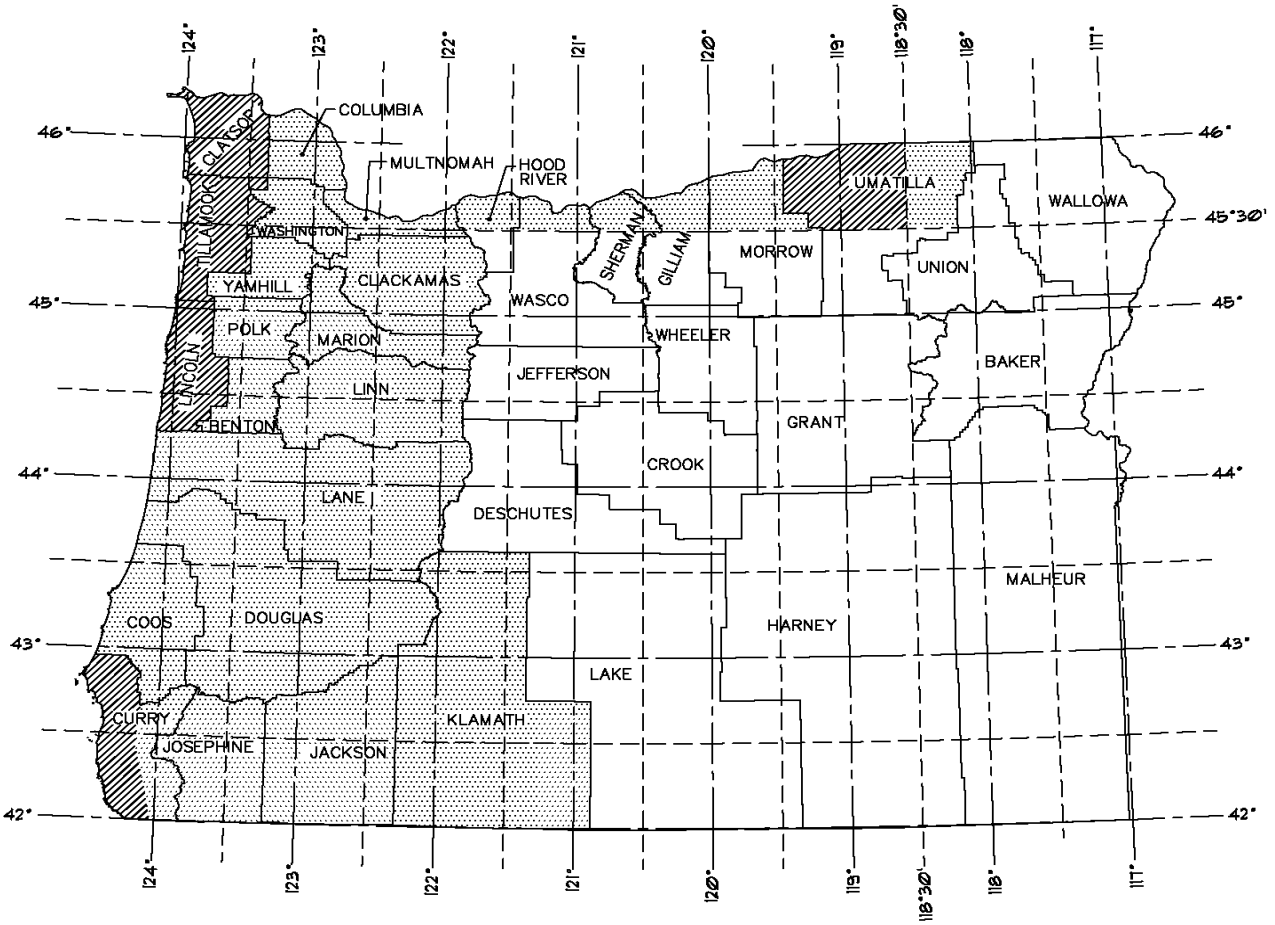
135 mph

120 mph

110 mph

For SI: 1 mile per hour = 0.44 m/s.

FIGURE 1609A
ULTIMATE DESIGN WIND SPEED, V_{ULT}, FOR RISK CATEGORY II BUILDINGS AND OTHER STRUCTURES



1. All areas with full exposure to ocean winds shall be designed 145 mph areas.
2. Areas in Hood River and Multnomah Counties with full exposure to Columbia River Gorge winds shall be designed 145 mph areas.

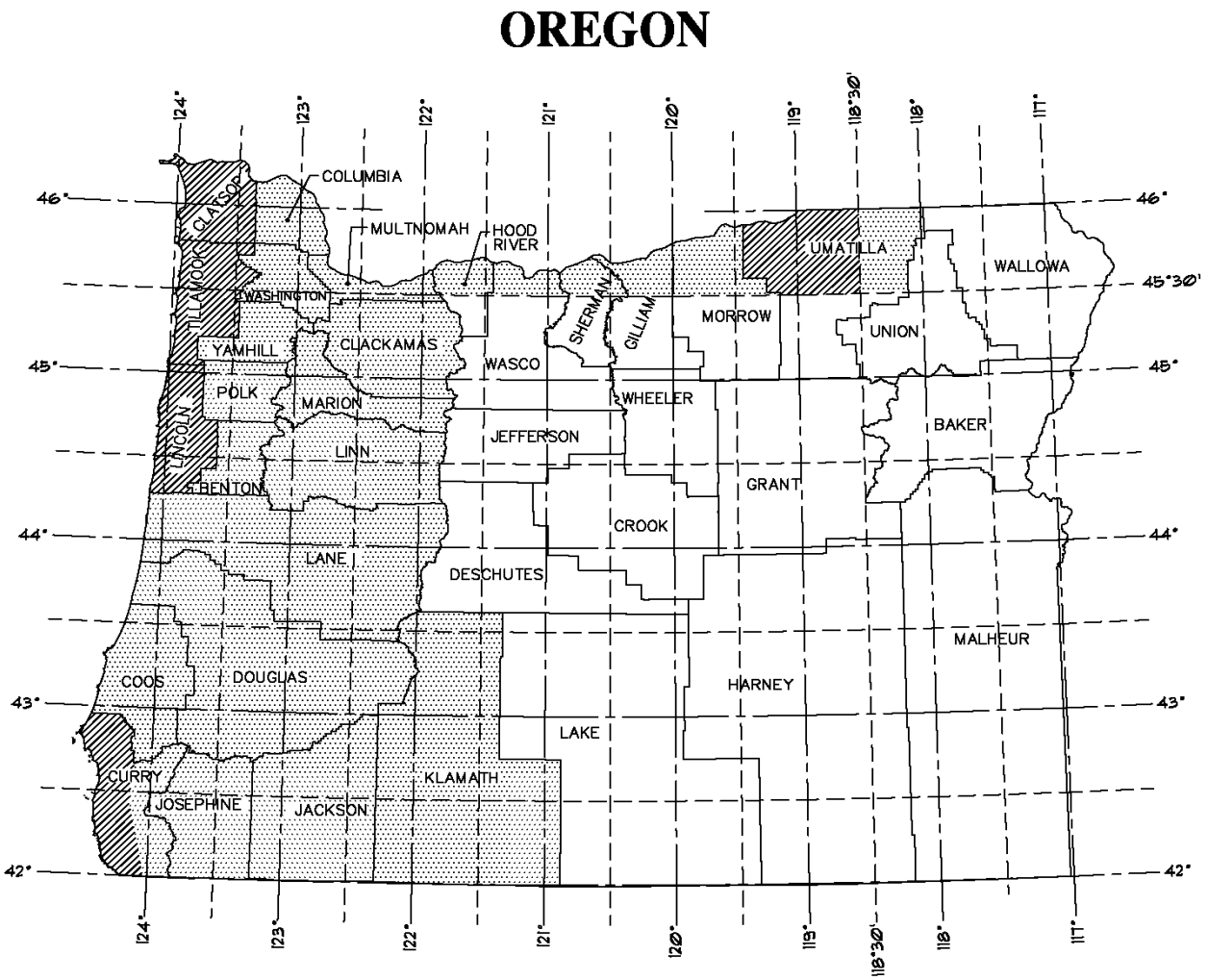
145 mph

130 mph

115 mph

For SI: 1 mile per hour = 0.44 m/s.

FIGURE 1609B
ULTIMATE DESIGN WIND SPEED, V_{ULT}, FOR RISK CATEGORY III AND IV BUILDINGS AND OTHER STRUCTURES



1. All areas with full exposure to ocean winds shall be designed 125 mph areas.
2. Areas in Hood River and Multnomah Counties with full exposure to Columbia River Gorge winds shall be designed 125 mph areas.

125 mph

115 mph

100 mph

For SI: 1 mile per hour = 0.44 m/s.

FIGURE 1609C
ULTIMATE DESIGN WIND SPEED, V_{ULT}, FOR RISK CATEGORY I BUILDINGS AND OTHER STRUCTURES