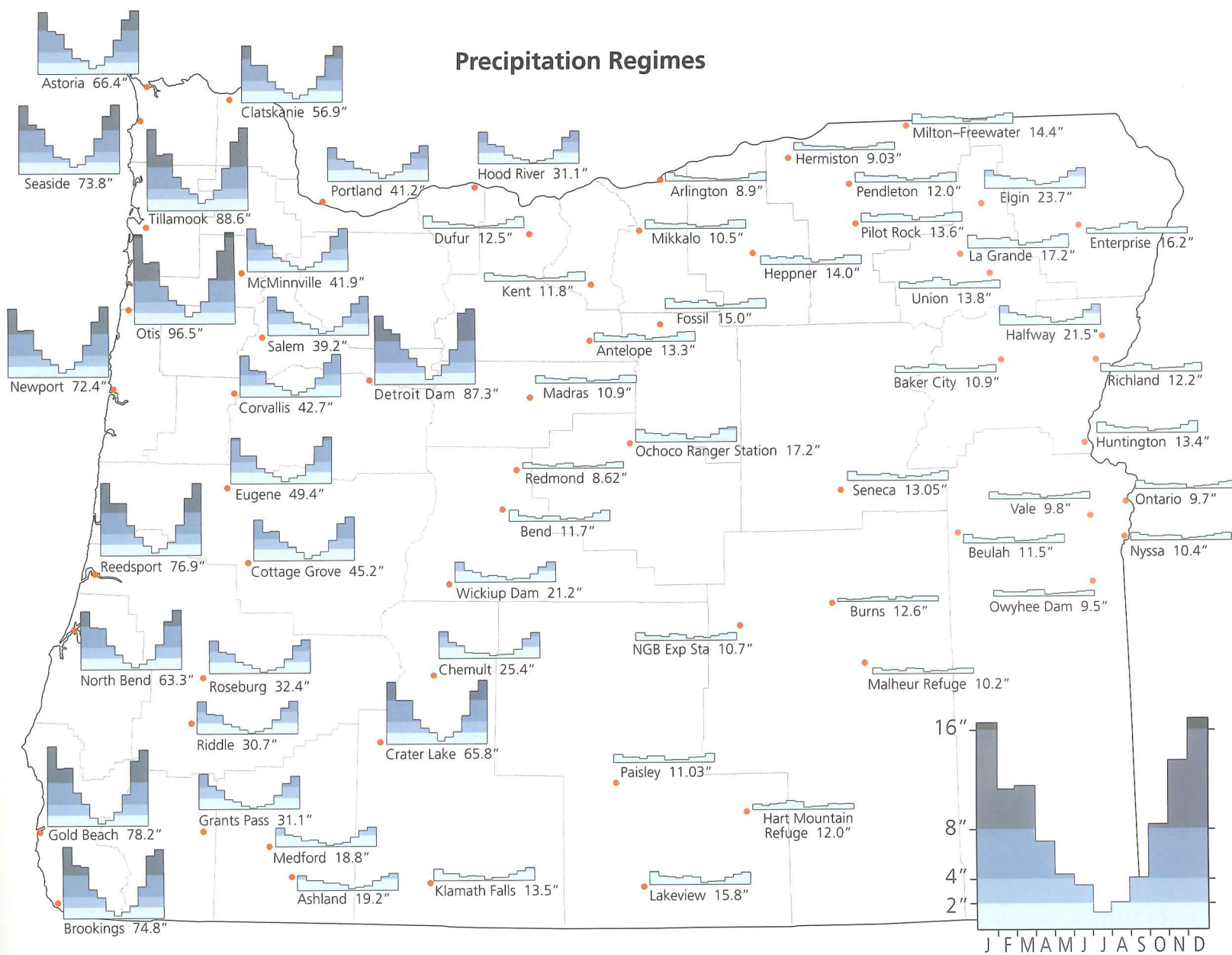


## Precipitation Regimes



### Regional and Seasonal Variation

The strong seasonal and regional variations of precipitation in Oregon are shown by the bar graphs above. Along the Oregon Coast and in the Coast and Cascade Ranges precipitation is highest overall, and greatest in the winter months. Weather stations in the Willamette Valley and in the valleys of southwestern Oregon show a similar winter-wet pattern, but of smaller amplitude than in

the mountains. East of the Cascades the same basic pattern holds, but the total amounts are much lower. Stations in the northern Great Basin record a slight May–June maximum as moist subtropical air pushes into the region, triggering more frequent thunderstorms. Across the state, precipitation decreases gradually from its wintertime maximum, but increases more abruptly following the summertime dry season.

### Weather Station Data

Precipitation bar graphs are plotted above for a set of weather stations across Oregon. There is one bar for each month, and the height of each bar is proportional to the total average precipitation during that month. The shading of the bars reflects the precipitation totals. The individual bar graphs can be read for the details of precipitation at individual stations, while the overall shape and color of the graphs illustrate the main precipitation gradients across the state.

