

DUNE FORMATION HOW TO MAKE AND BREAK A DUNE

IT TAKES 3 THINGS TO MAKE A DUNE



Sand moves whenever wind speed is at least 12 mph. Specialized pioneer plants, particularly beachgrass shoots, slow the wind so sand drops, then hold it with underground rhizomes.

Shoots

Rhizomes

Roots



Dune Willow

CHAMPLAIN BEACHGRASS

Poison Ivy

SWALE

Low area between the dunes shelters dune willow, poison ivy and wild grape.





Eastern Cottonwood

Dune Cherry

Red Oak

BACKDUNE

In some areas, back dunes have grown and been stable for more than 100 years and support a forest, including red oak and sugar maple.

You Are Here

tony Po

INTERIOR DUNE

The interior dunes support maturing cottonwoods, various shrubs, grasses, and wildflowers.

DUNE SUCCESSION

Pioneer plants trap sand to build the foredunes. Then the foredunes block the wind, and conditions ease, allowing larger shrubs and trees to thrive.

> Other Interpretive Panels in this Series



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