California MLPA Master Plan Science Advisory Team

Preliminary Evaluation of Habitat Representation in Draft Options for MPA Arrays and Draft External MPA Proposals for the North Central Coast

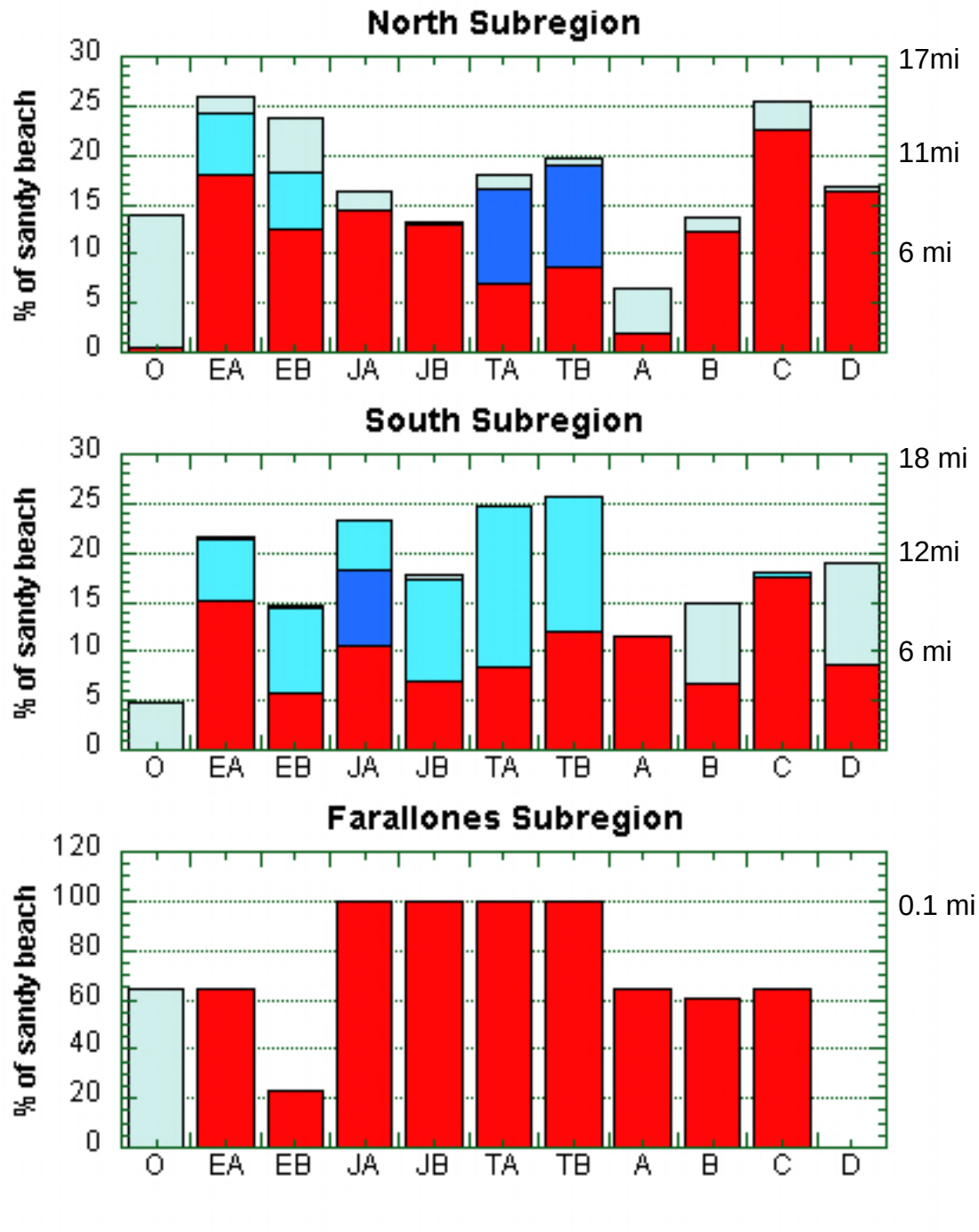
PowerPoint Presentation made by Dr. Mark Carr on November 13, 2007 in Pacifica, CA

Sandy Beach

North subregion available beach
~ 57 linear miles

South subregion available beach
~ 62 linear miles

Farallones subregion available beach
~ 0.1 linear miles

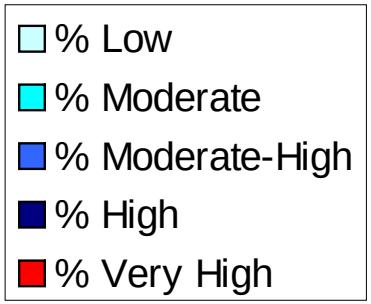


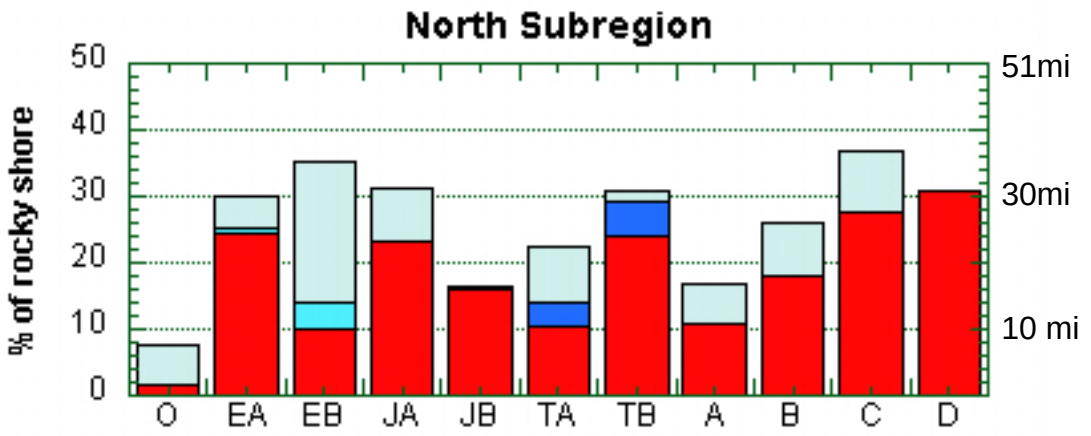
Rocky Intertidal

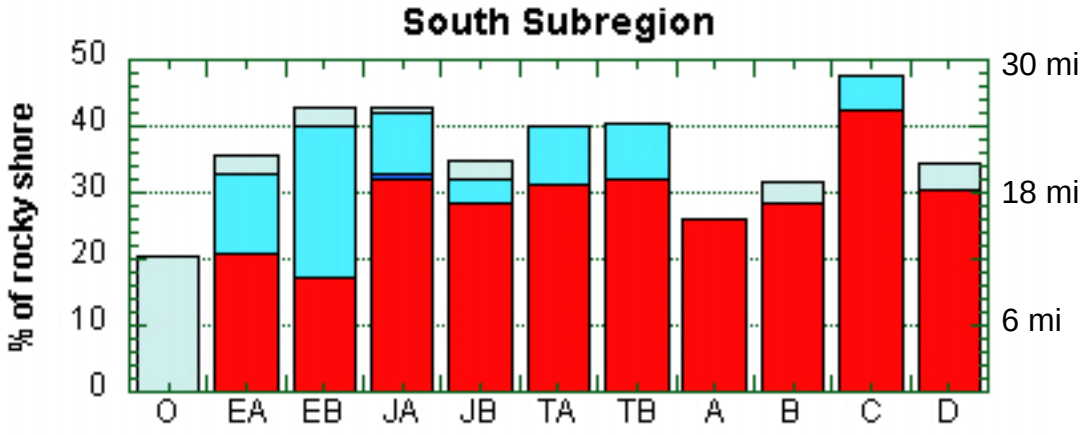
North subregion available rocky shore
~ 102 linear miles

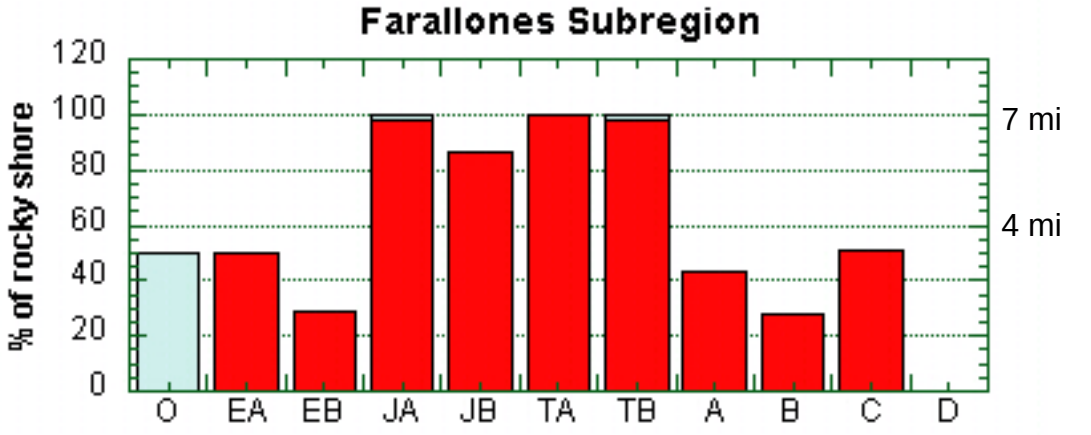
South subregion available rocky shore
~ 58 linear miles

Farallones subregion available rocky shore
~ 7 linear miles





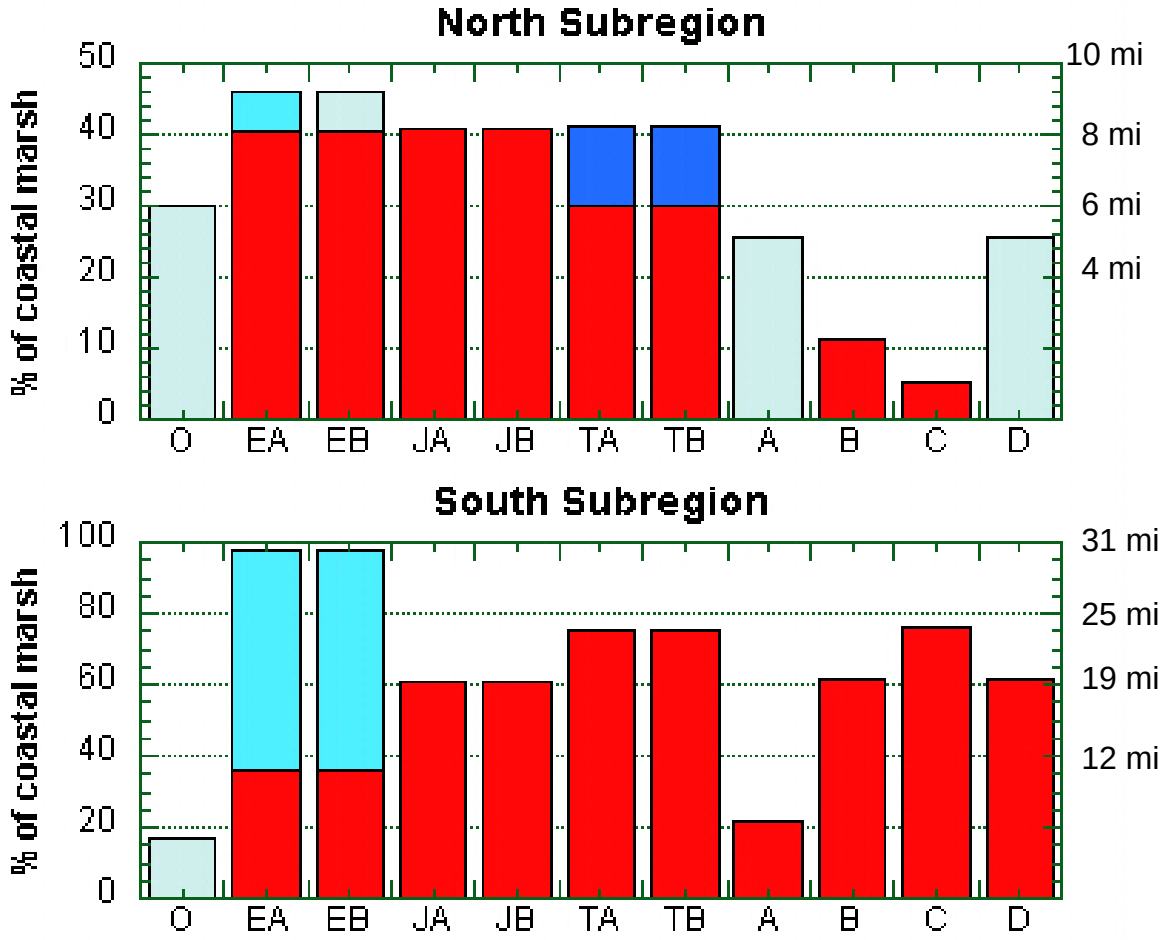




Coastal Marsh

North subregion available coastal marsh
~ 20 linear miles

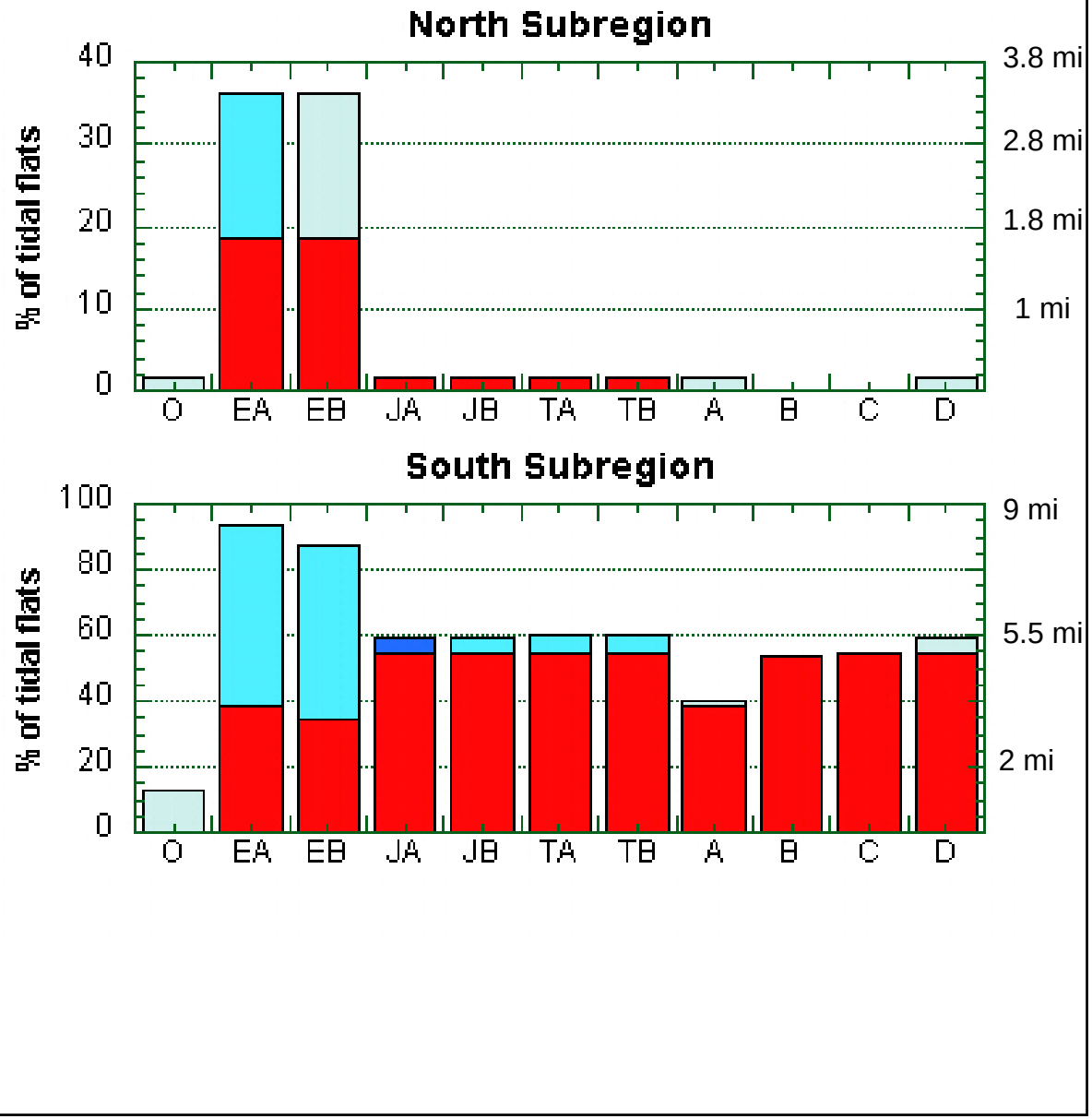
South subregion available coastal marsh
~ 31 linear miles



Tidal Flats

North subregion available tidal flats
~ 9 linear miles

South subregion available tidal flats
~ 9 linear miles

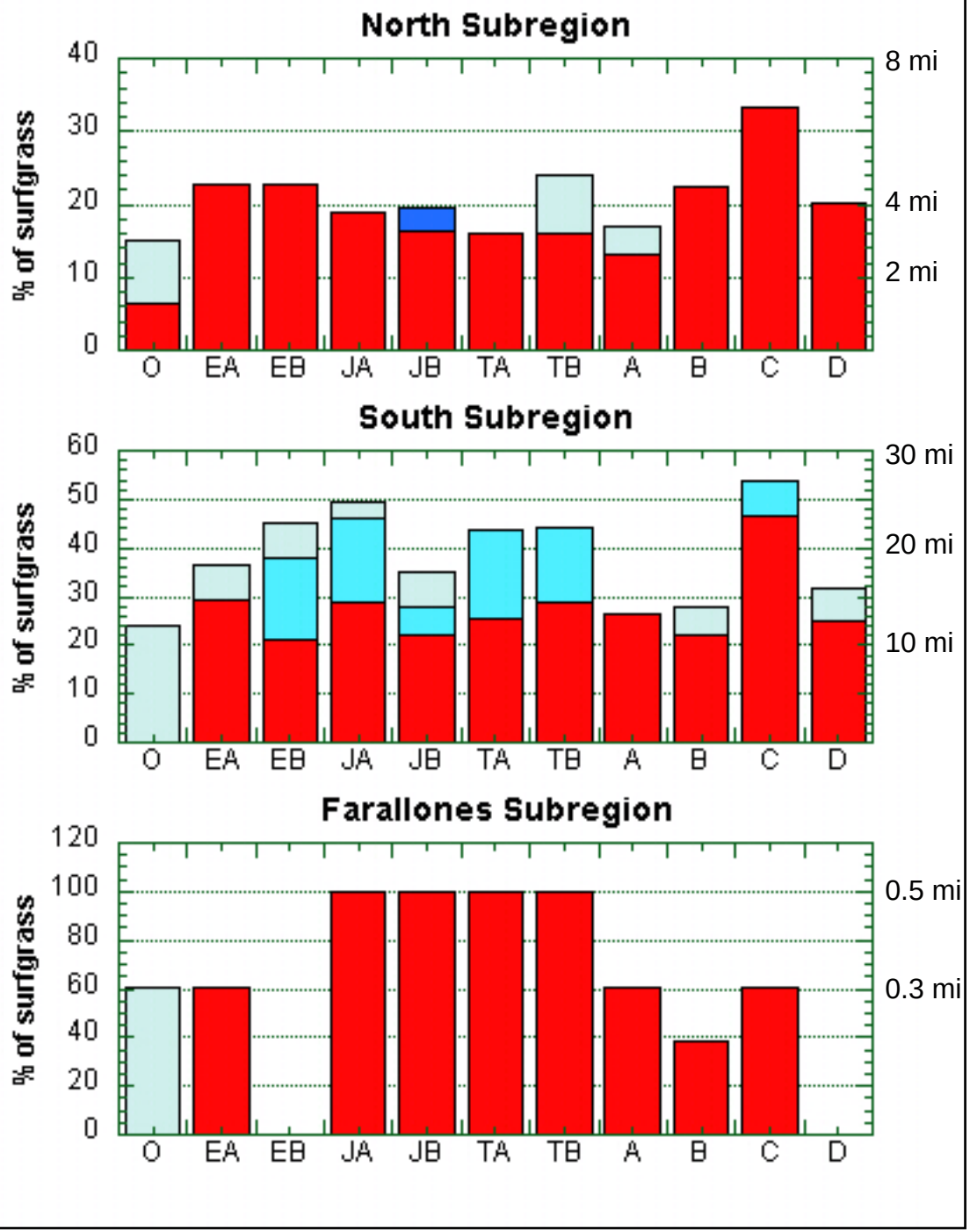


Surfgrass

North subregion available surfgrass
~ 20 linear miles

South subregion available surfgrass
~ 50 linear miles

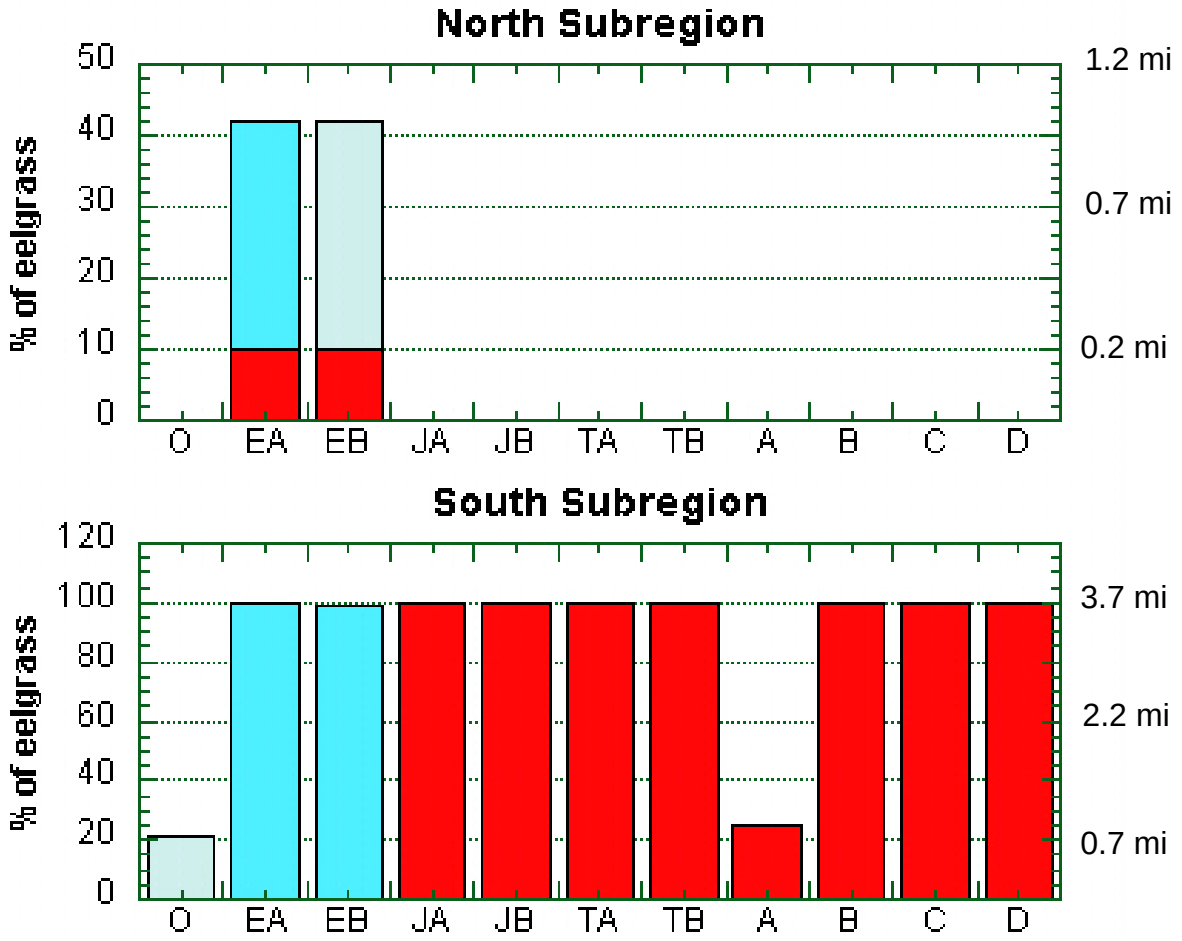
Farallones subregion available surfgrass
~ 0.5 linear miles



Eelgrass

North subregion available eelgrass
~ 2.4 square miles

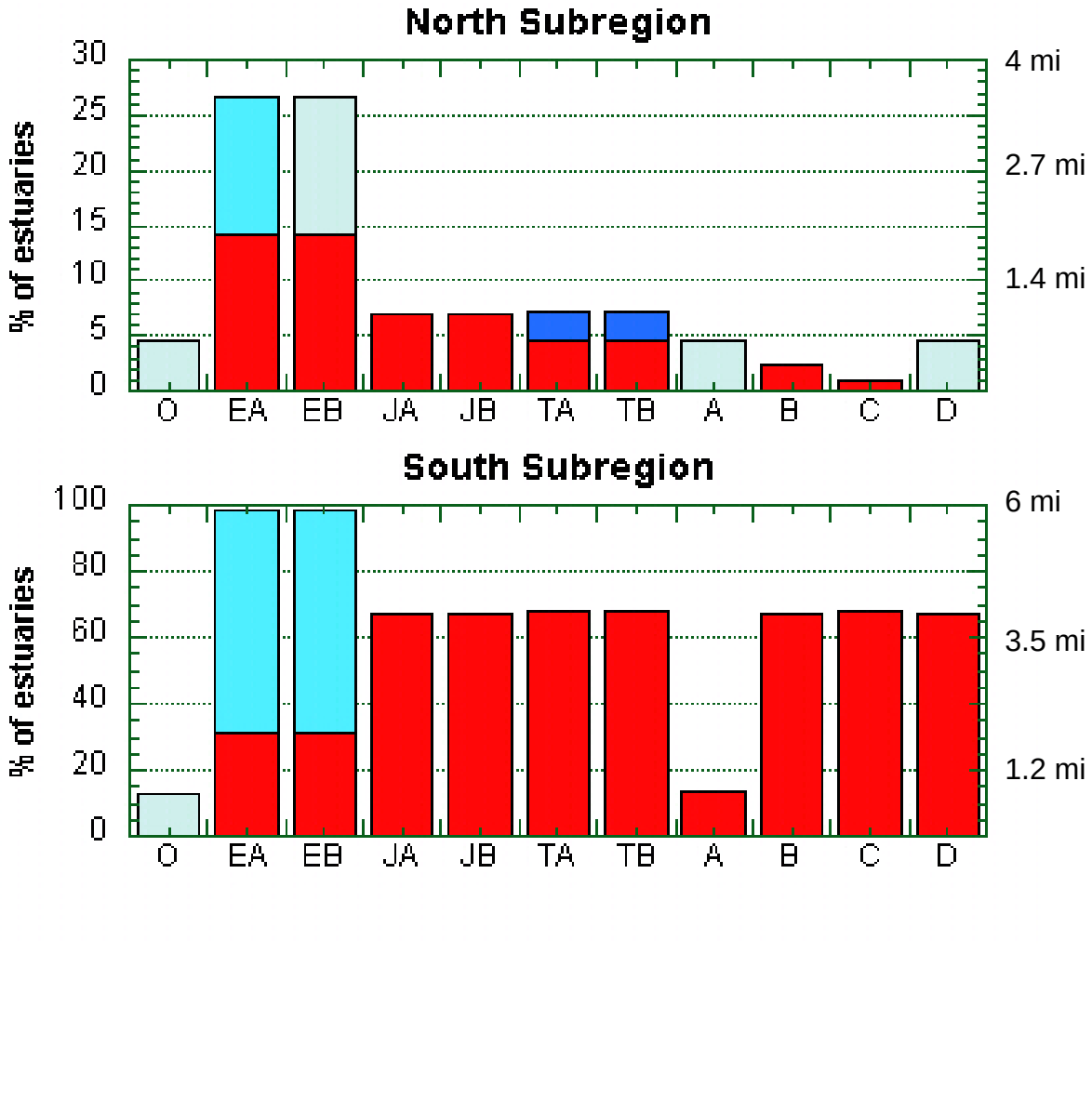
South subregion available eelgrass
~ 3.7 square miles



Estuaries

North subregion available estuaries
~ 14 square miles

South subregion available estuaries
~ 6 square miles

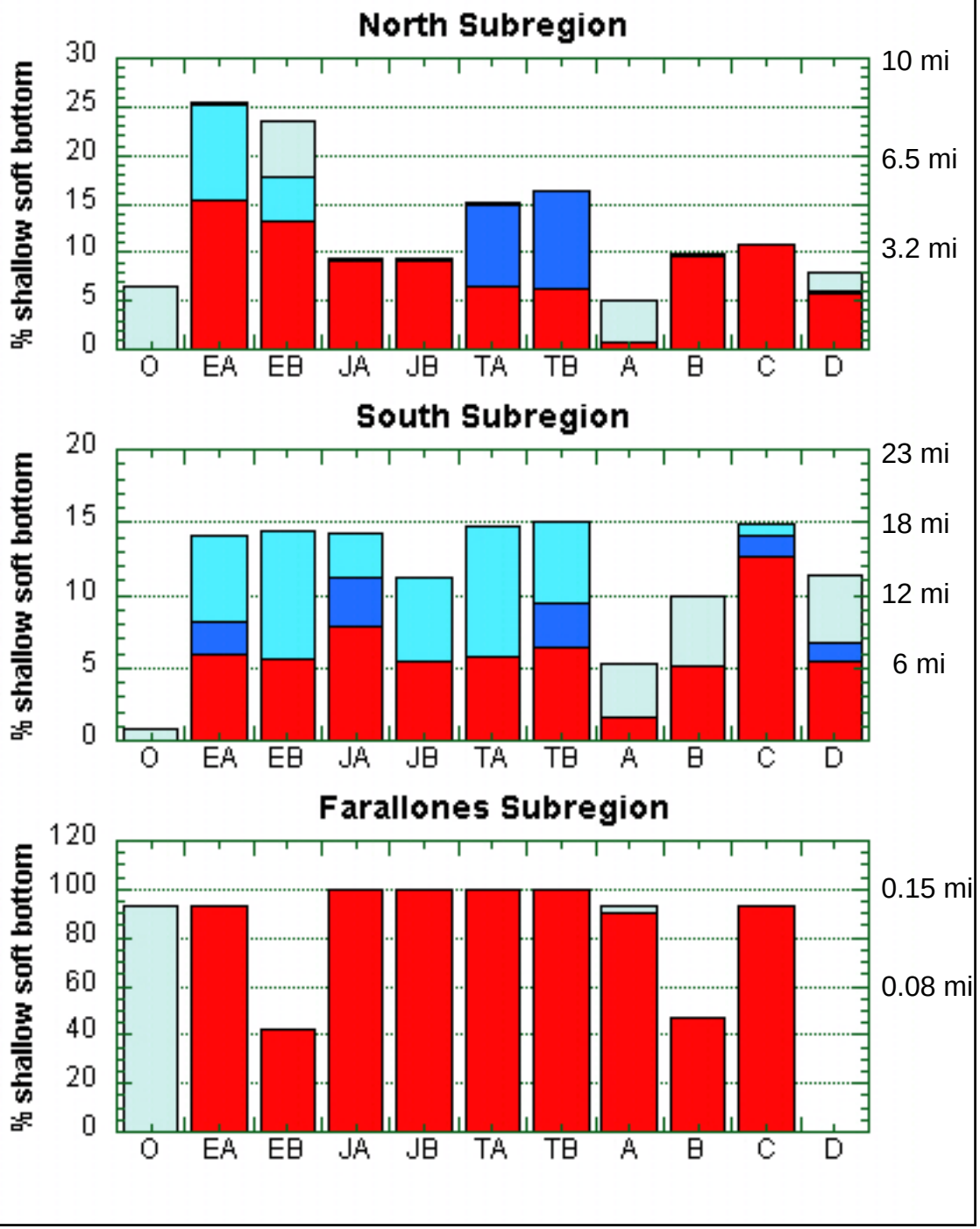


Shallow soft bottom

North subregion available shallow soft bottom
~ 32 square miles

South subregion available shallow soft bottom
~ 117 square miles

Farallones subregion available shallow soft bottom
~ 0.15 square miles

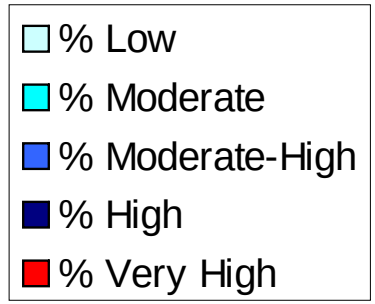


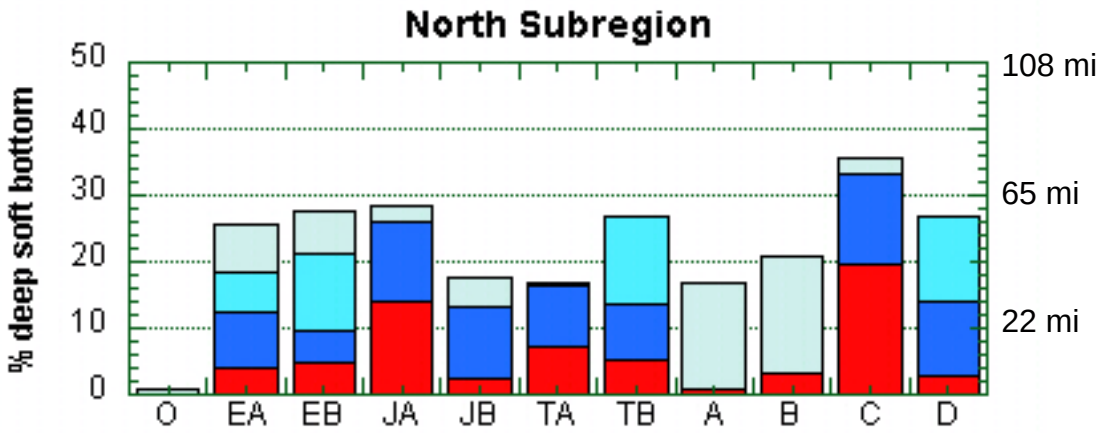
Deep soft bottom

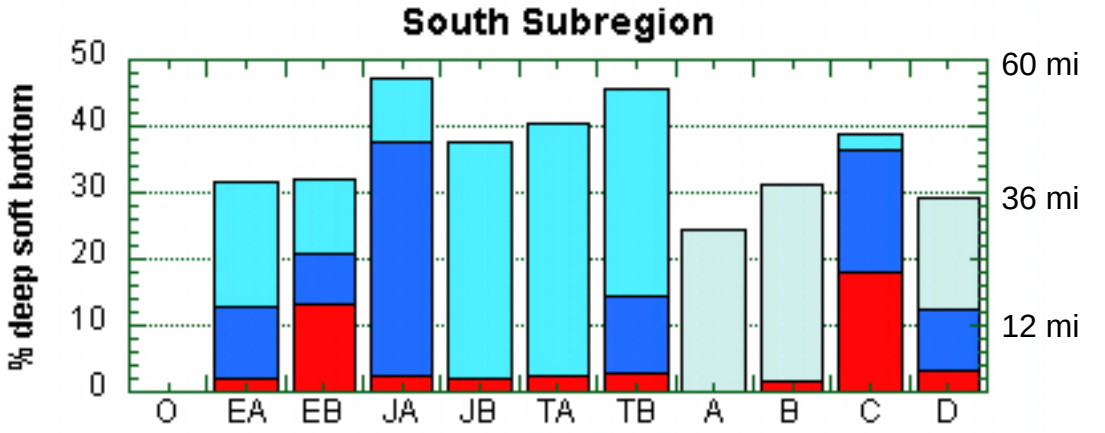
North subregion available deep soft bottom
~ 216 square miles

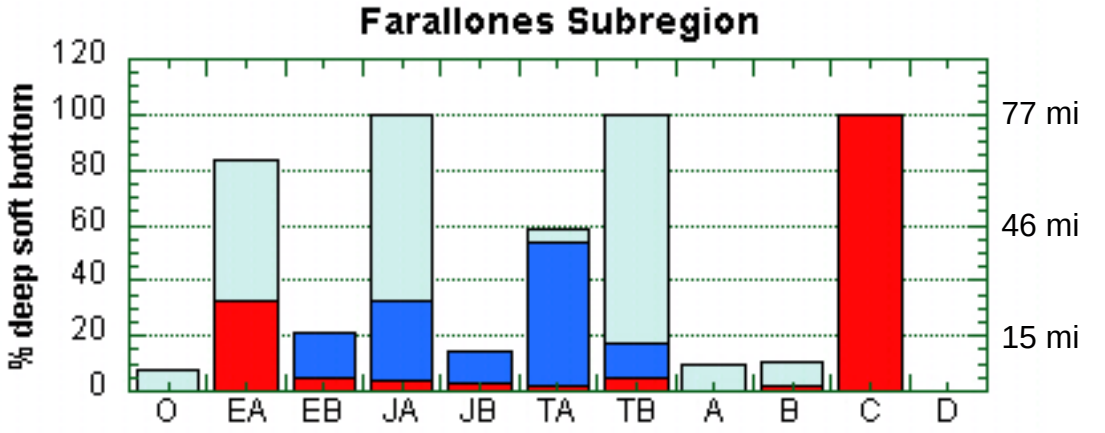
South subregion available deep soft bottom
~ 122 square miles

Farallones subregion available deep soft bottom
~ 77 square miles







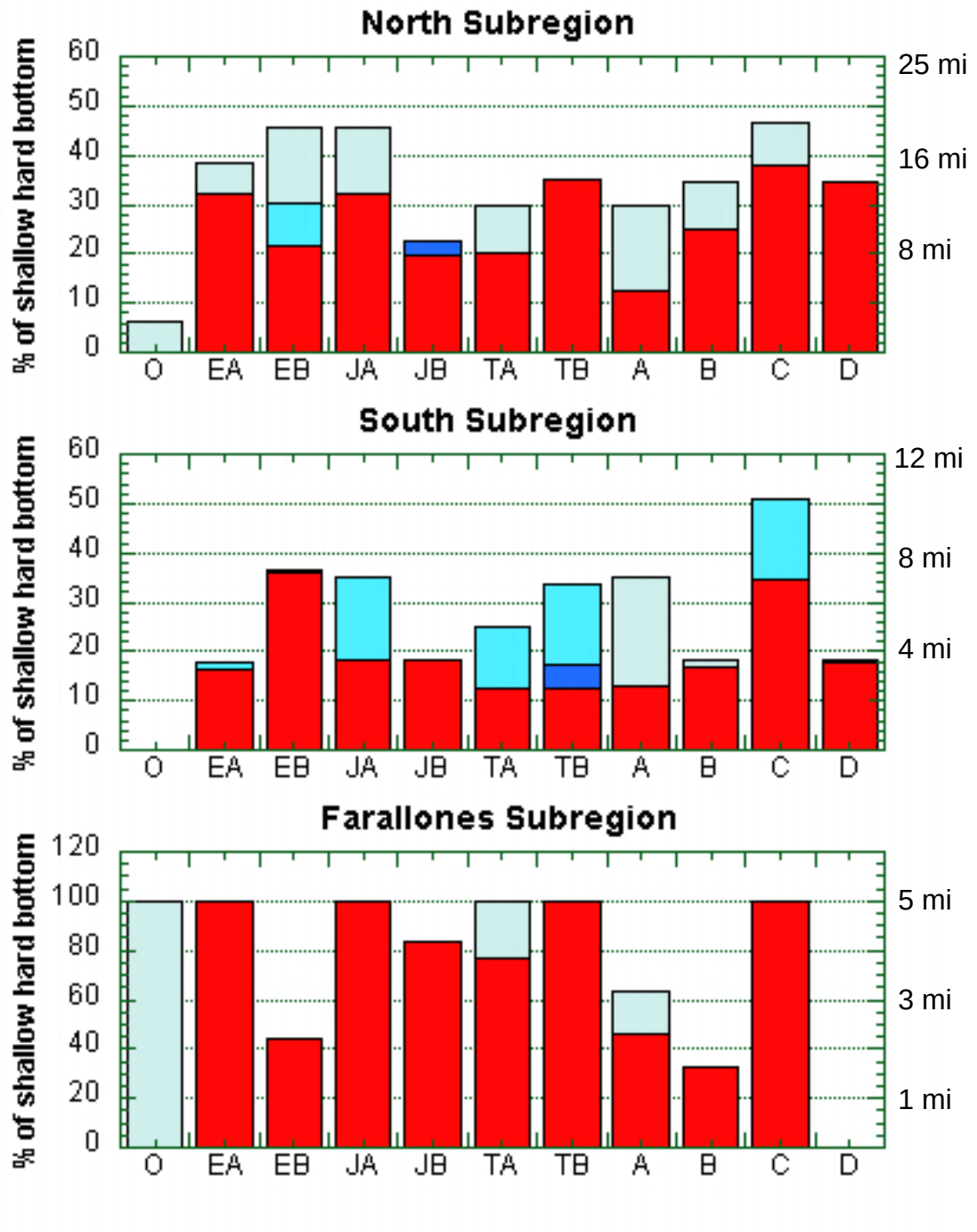


Shallow rocky reef

North subregion available shallow rocky reef
~ 41 linear miles

South subregion available shallow rocky reef
~ 20 linear miles

Farallones subregion available shallow rocky reef
~ 5 linear miles

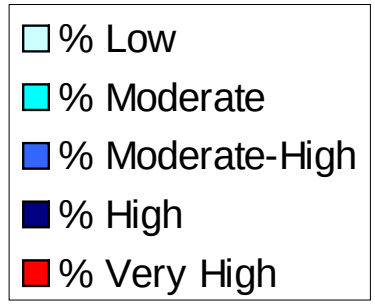


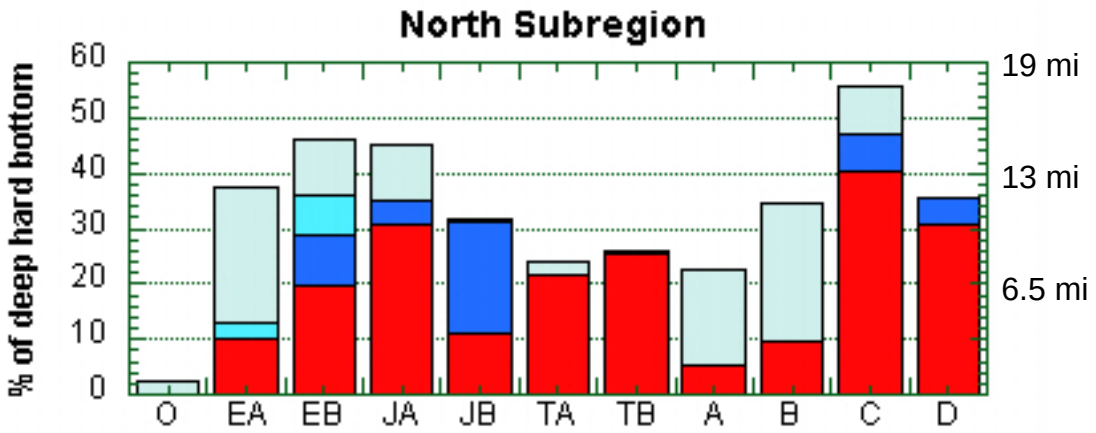
Deep rocky reef

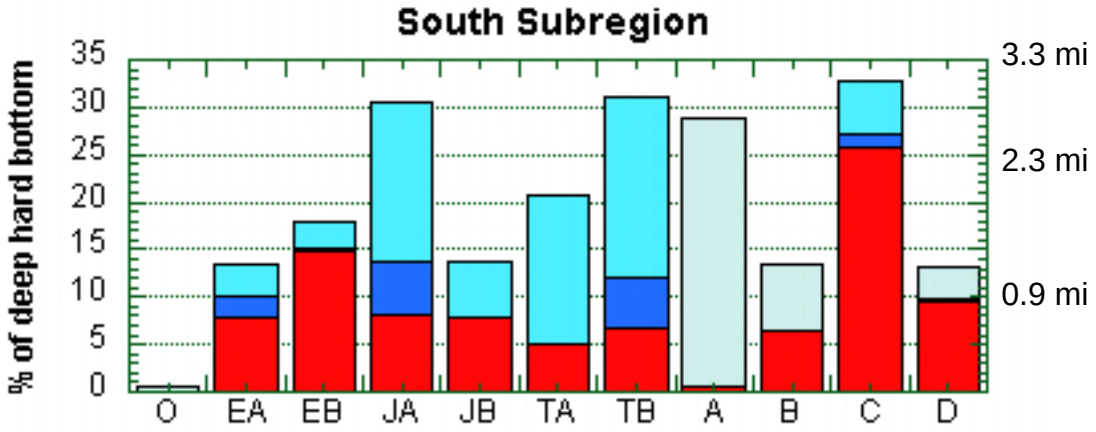
North subregion available deep rocky reef
~ 32 square miles

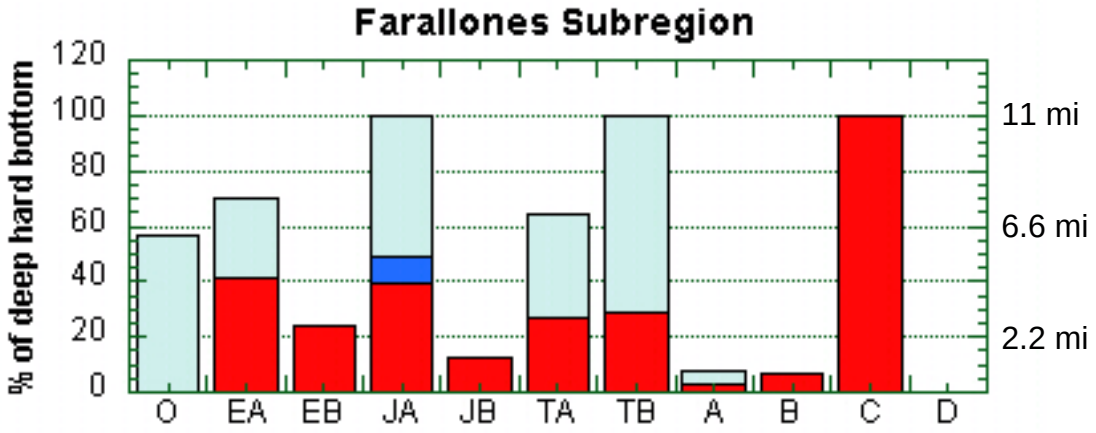
South subregion available deep rocky reef
~ 9 square miles

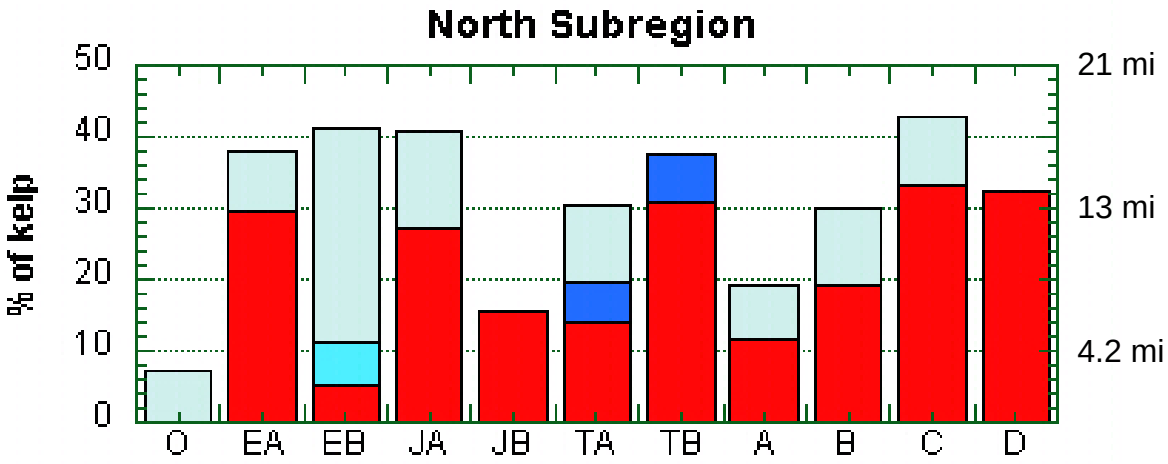
Farallones subregion available deep rocky reef
~ 11 square miles









Kelp

North subregion available kelp
~ 42 linear miles