

Species / Food Web Status

Draft

April 14, 2008

-  high abundance/good status
-  moderate abundance/fair status
-  low abundance/poor status

Shorebird Colonies



These H, M, and L status icons represent the degree of concern for overall status of colonies (based on TNC ecoregional assessment.) H = low concern, M = moderate concern, L = high concern.

Seabird Colonies



These H, M, and L status icons represent the degree of concern for overall status of colonies (based on TNC ecoregional assessment.) H = low concern, M = moderate concern, L = high concern.

Chinook Salmon



These H, M, L values represent the status (based on abundance and productivity) of the primary chinook salmon populations spawning or rearing in rivers and marine waters in each Action Area. (source: PS TRT and NWFSC)

Marine Fish



Multi-attribute summary of existing status (abundance and trends) of rockfish, lingcod and herring.

Intertidal Species Richness



H = >50; M = 35-50; L = < 35

These H, M, L values represent the average intertidal species richness (i.e., diversity) values across 3-18 sites within each Action Area (source: PS Update 2007).

Eelgrass Abundance and Trend



Multi-attribute abundance metric H = high abundance, M = moderate abundance, L = low abundance. Short- and long-term trends (▲) = increasing, (■) = stable, (▼) = declining or strongly declining.

Bald Eagle

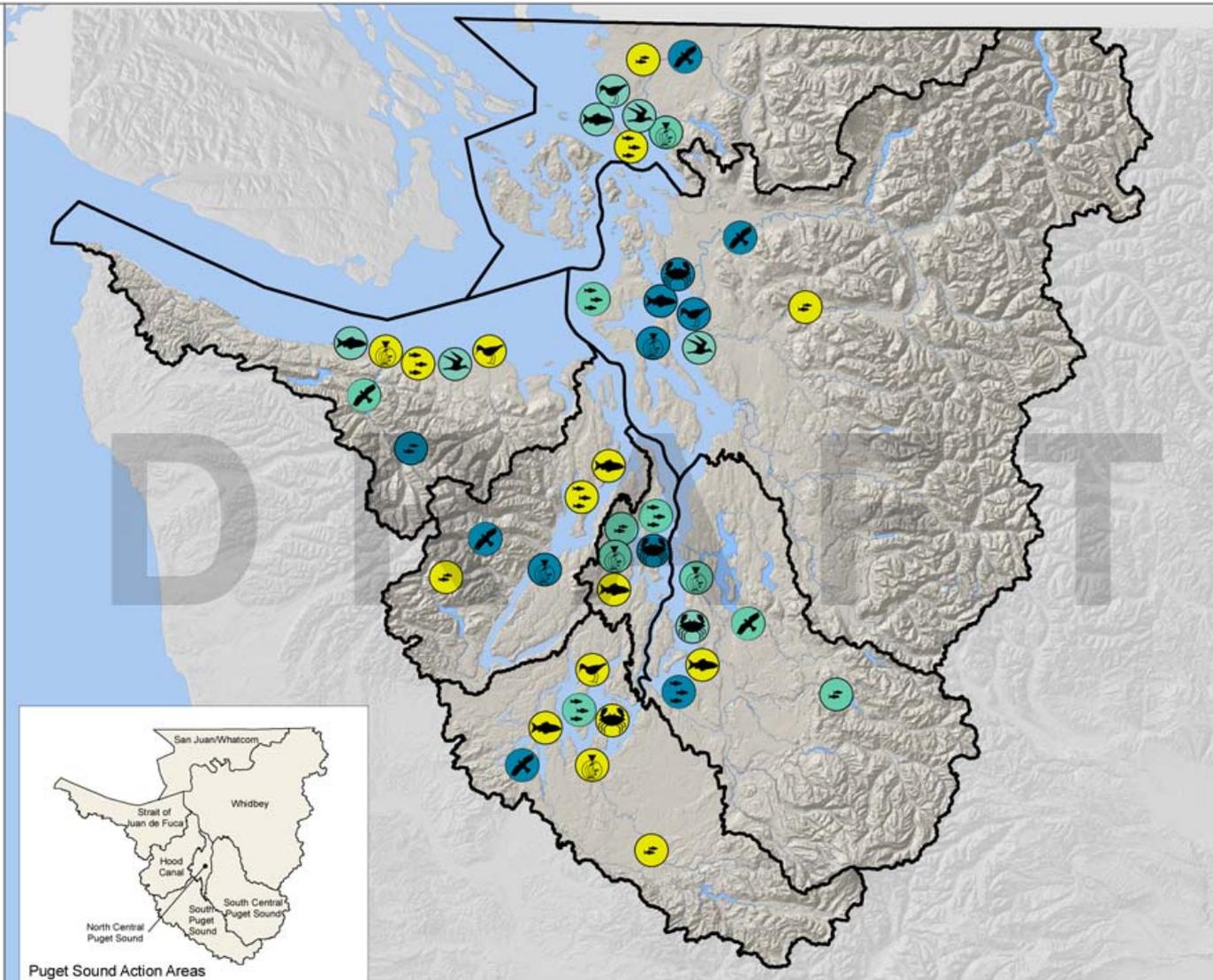


Overall status category based on number of occurrences in good, very good, fair, or poor condition. (Source: TNC)

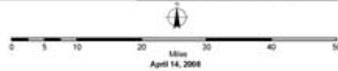
Coastal Cutthroat Trout



Overall status category based on linear kilometers of stream reaches in good, very good, fair or poor condition. (Source: TNC)



Puget Sound Action Areas



High Magnitude Threats/Drivers to Puget Sound
Draft
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Artificial Propagation
 Number of juvenile salmon hatchery fish released annually
 (low < 500,000 lbs; moderate 20 < x < 70 mil. lbs; high > 70 mil. lbs)
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Pollution
 Includes multiple attributes: numbers of facilities issued hazardous waste permits by WA DOE and count of probable oil spill counts as estimated by WA DOE.
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Habitat Alteration
 Includes multiple attributes for watershed and marine areas:
 proportion of total shoreline length containing overwater structures,
 proportion of total shoreline length that is modified (with bulkheads,
 hardening, etc.), total land area covered by impervious surfaces,
 and forest cover loss between 1991-2001 as a percent of total
 land area.
- 
Natural Drivers
 Sea level rise. Areas (km²) inundated by 0.7m sea level rise (year
 2100 estimate). (low < 10,000; moderate 10,000 < x < 100,000;
 high > 100,000)
- 
Surface/Groundwater Impacts
 Total freshwater withdrawals (surface and groundwater) normalized
 to land area. (low < .01; moderate .01 < x < .04; high > .04 millions
 of gallons.day/1,000km² land area)
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Harvest
 Total pounds of harvested marine species (salmon, crab, groundfish
 and shellfish) landed between 2000-2006. (low < 20 million;
 moderate 20 < x < 70; high > 70 million lbs)

* Icons reflect Medium and High threats, as mapped for individual threat data sets.

