

Pacific Fisheries Management Council

September 16, 2016

Boise, Idaho

Dr. Jeff Boehm
The Marine Mammal Center





Overview

- Ocean conservation through marine mammal rehabilitation, research, and education
- 41 years and more than 20,000 marine mammal patients treated
- 65 staff and 1,200 volunteers
- 85% of funds from private sources



The Marine
Mammal Center™

California Marine Mammal Stranding Network

Northcoast Marine Mammal Center

The Marine Mammal Center

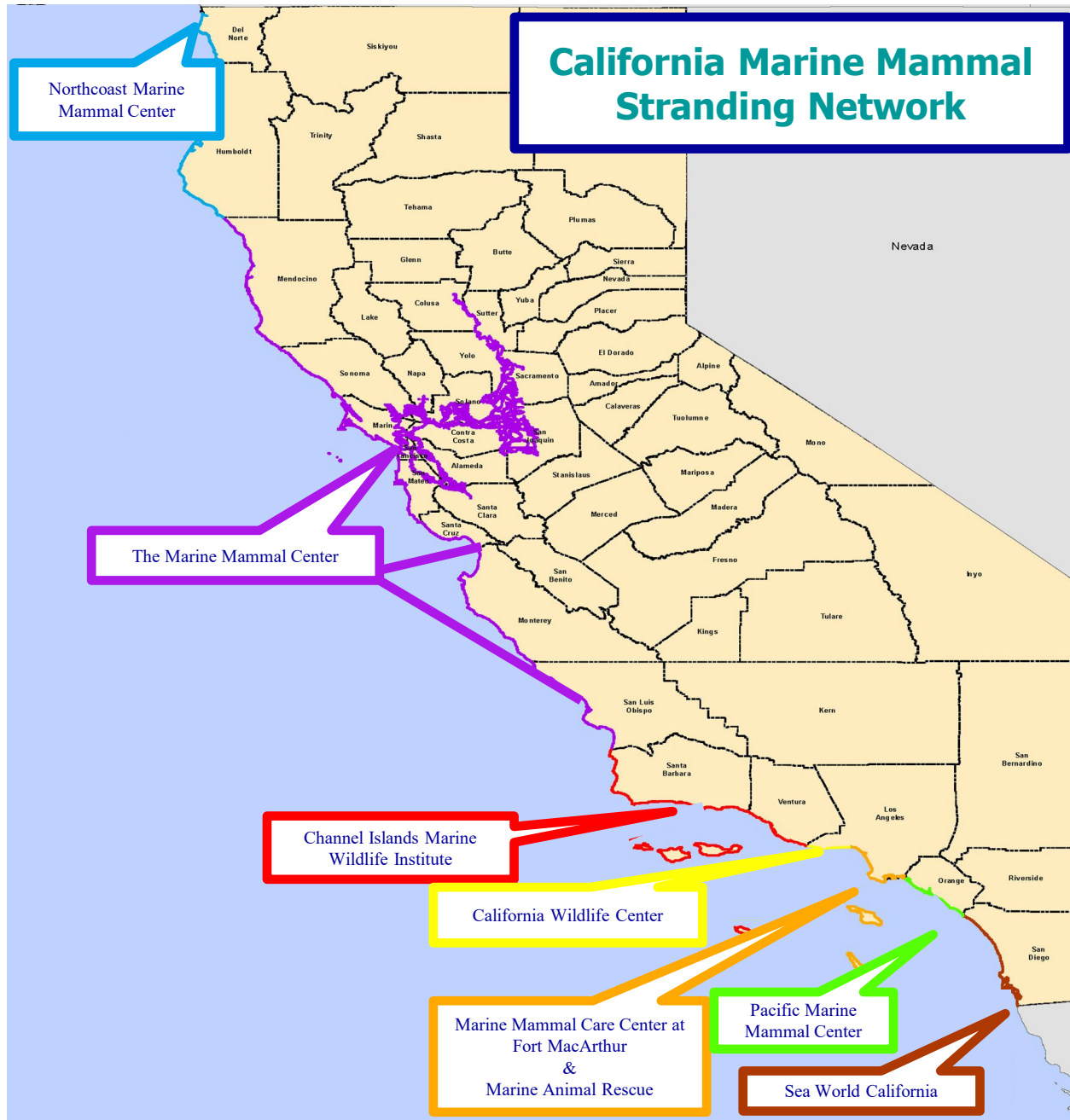
Channel Islands Marine Wildlife Institute

California Wildlife Center

Marine Mammal Care Center at Fort MacArthur & Marine Animal Rescue

Pacific Marine Mammal Center

Sea World California



Medical Conditions



Malnutrition
Toxicity
Infection
Cancer
Entanglement
Maternal separation
Gunshot/Shark bite

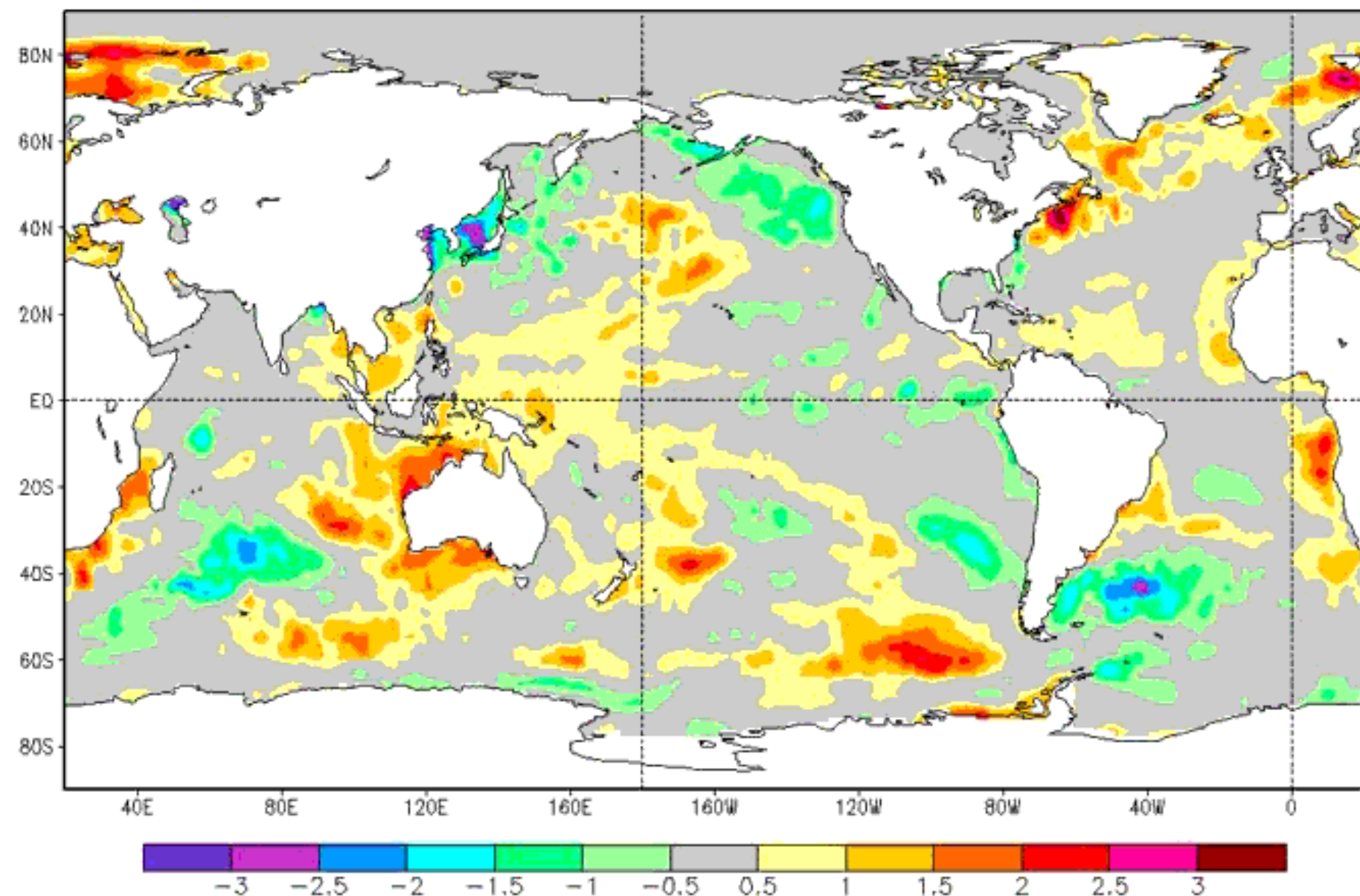


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2015 Sea Lion Crisis



Sea Surface Temperature Anomaly ($^{\circ}\text{C}$), Base Period 1971–2000
Week of 2 JAN 2013



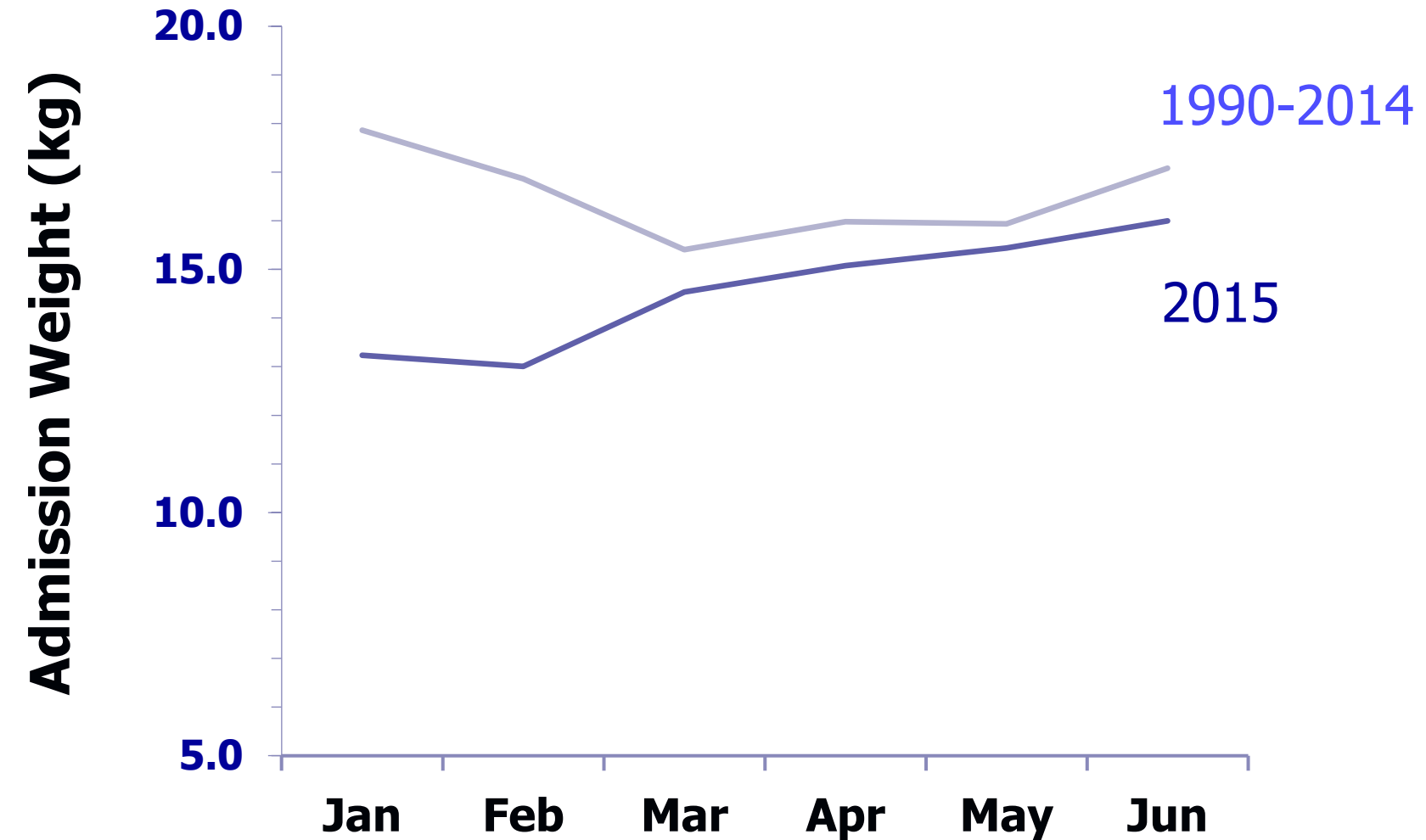
2015 Recap



- 3,500 pups
- 1,300 at TMMC
- More than 2X the typical total for all species
- Food availability in the vicinity of Channel Islands
- NOAA-declared Unusual Mortality Event (UME)



California Sea Lion Pup and Yearling Weights in 2015 Compared to Mean for Previous 25 years







Dr. Jeff Boehm
boehmj@tmmc.org