



Biological responses to current warming event have been varied and appear less dramatic than those observed during previous warm water events (El Niños or the 2005/2006 anomaly)





Farallon Island Wildlife Status Update for 2014-2015

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Red bars indicate warm water events

Phenology





- Seabird egg laying typically delayed (positive anomaly) during warm water years
- Magnitude of delay during 2014/2015 was much less than during other warm water years
- warm water events

Summary

- Seabird productivity declined for most species but remained around or above the long-term mean
- Seabird breeding populations reduced during 2015 but to lesser degree than previous anomalies
- Pinnipeds showed mixed response with higher numbers and production for California sea lions but
- reduced reproductive success for Northern elephant seals Overall impact of 2015 El Niño (thus far) has been much smaller than previous similar warm water events (2005/2006 anomaly and strong El Niños during 1983, 1992 and 1998) Unusual occurrence of warm water wildlife species in the region around the Farallones







