

THE CALIFORNIA CLIMATE ADAPTATION STRATEGY



Moving to Action

Air Resources Board

January 28, 2010

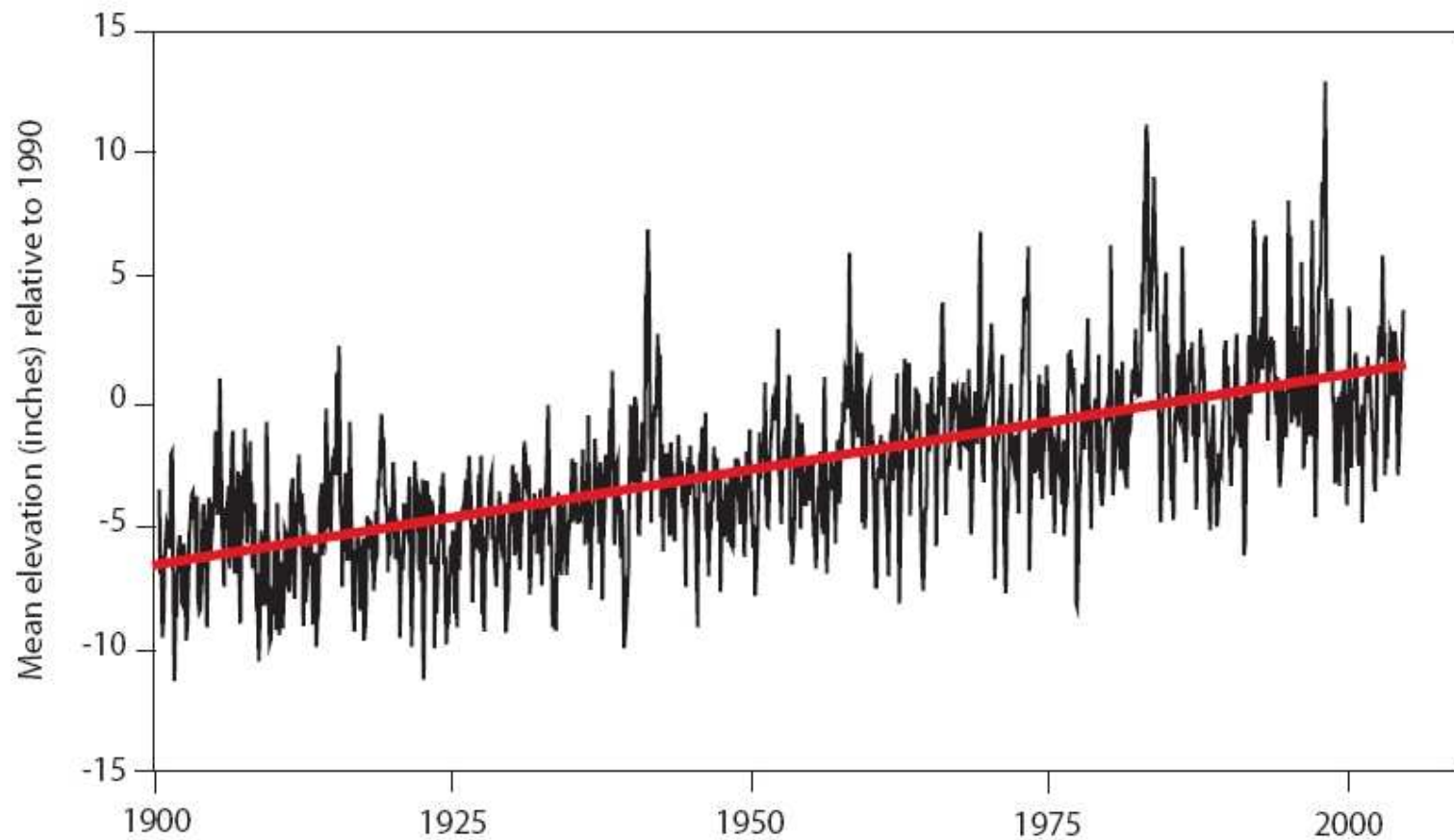


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Why Adapt to Climate Change?

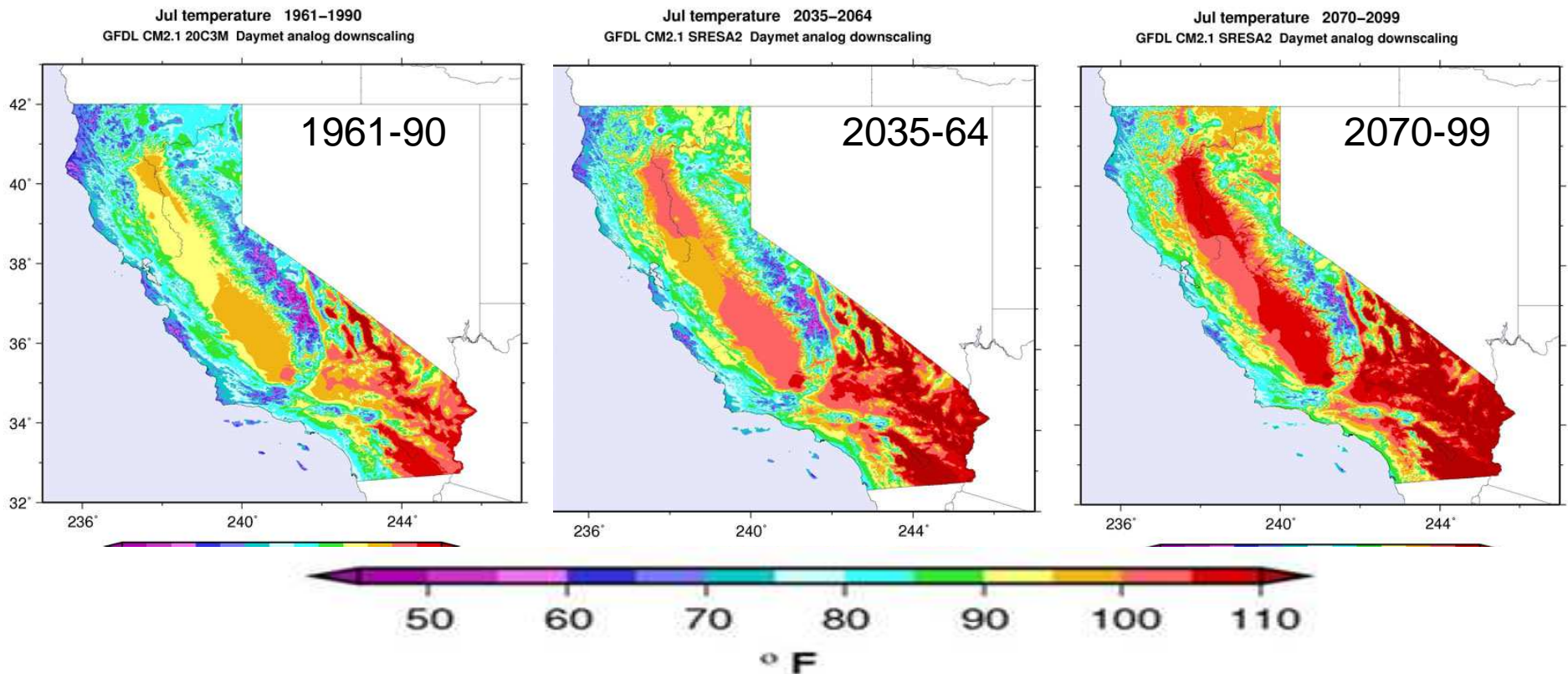
Rising Sea Levels in San Francisco Bay





Why Adapt to Climate Change?

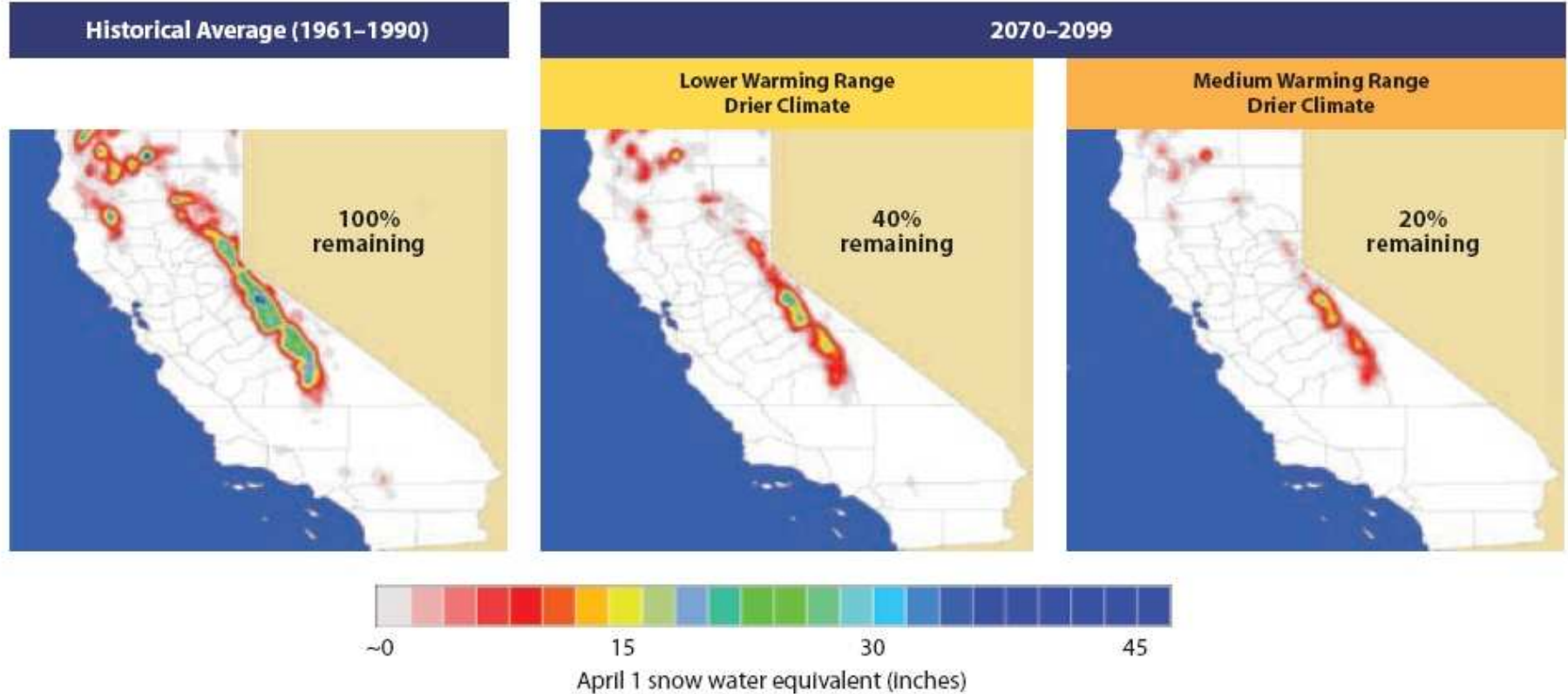
July Temperatures (Cayan, Scripps Institute)





Why Adapt to Climate Change?

Decreasing California Snowpack







Key Recommendations

1. Establish the Climate Adaptation Advisory Panel
2. Adapt water management and use
3. Avoid new state development in “high risk” areas
4. Develop state agency adaptation plans
5. Implement CEQA = climate impacts to projects
6. Develop climate hazard mitigation plan including ID of most vulnerable communities



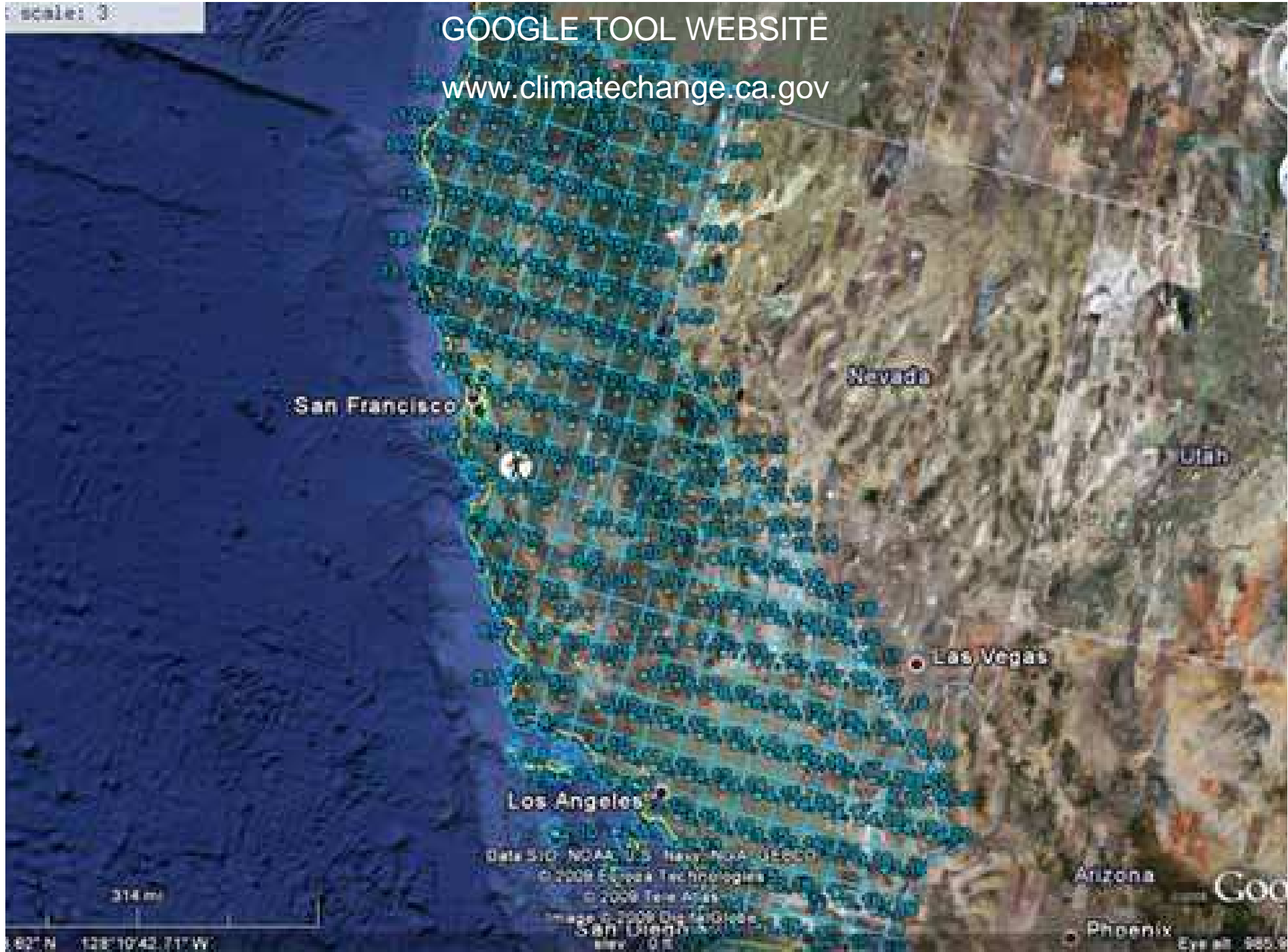
Key Recommendations

7. Identify most vulnerable natural habitats
8. Provide guidance to local communities on improving public health under climate change
9. Develop guidance/tools for local planning
10. Incorporate climate impacts into state fire planning
11. Increase renewable energy supply/efficiency
12. Expand research on adaptation and make results more accessible through Cal-Adapt

Scale: 3:

GOOGLE TOOL WEBSITE

www.climatechange.ca.gov



36.83° N 128° 10' 42.71" W

Data SIO: NOAA, U.S. Navy, NOD, GEBCO
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San Diego, CA
May 2009

Arizona
Phoenix
Eye alt: 985.9
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Key adaptation issues ARB

1. Incorporate climate adaptation into climate mitigation deliberations (i.e. , SB 375, RES, long term air quality programs)
2. Ensure ARB research and tools incorporate climate adaptation issues such as climate vulnerability
3. Incorporate adaptation into ARB outreach programs



Thank you!

- Go to www.climatechange.ca.gov for information
- Contact tony.brunello@resources.ca.gov