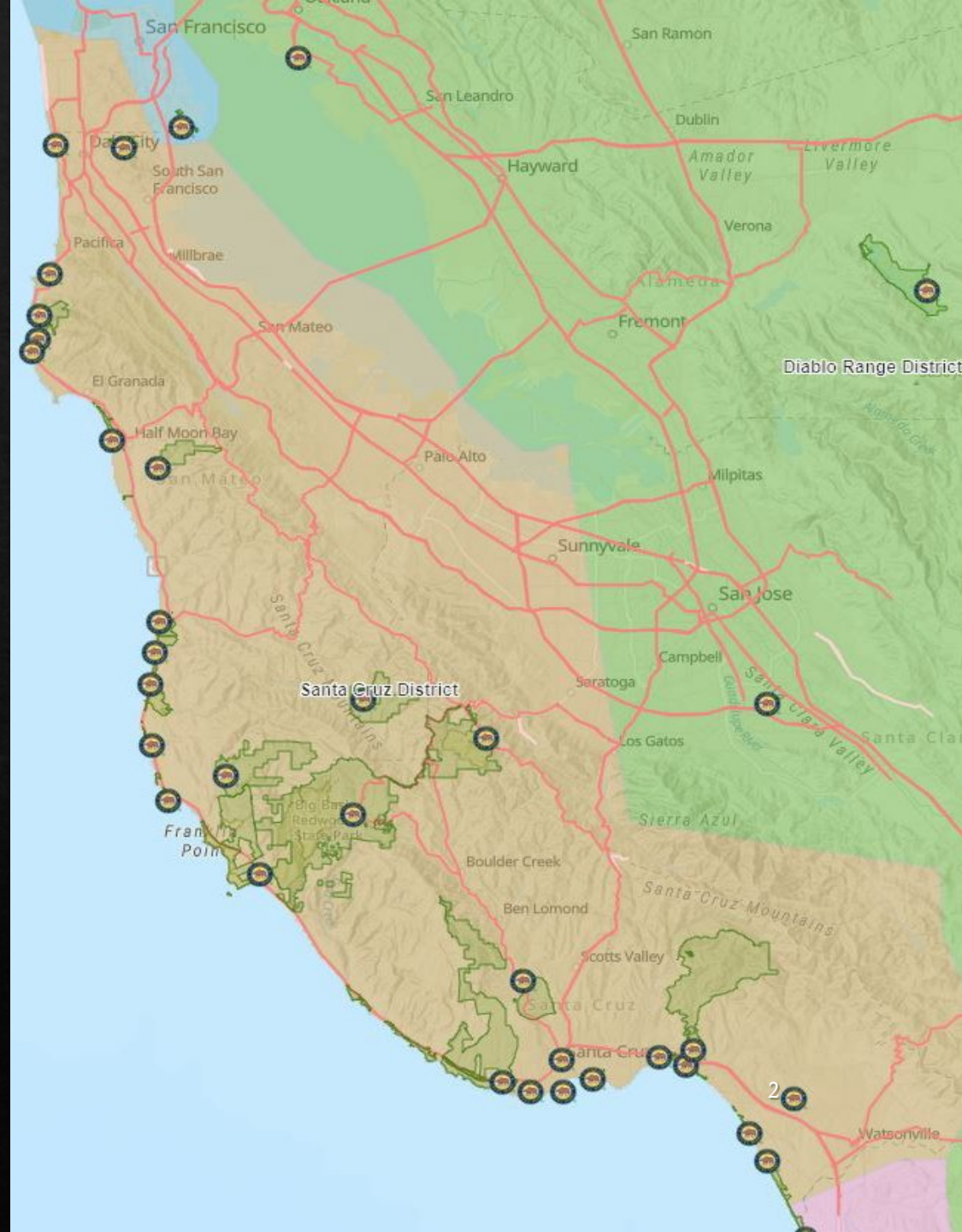




Santa Cruz District
State Park and Recreation
Commission Meeting
March 2024

District at a Glance

- 30 units (11% of the parks in State Park System)
- 65,000 Acres (2/3 forested)
- 3 Counties
- 44 miles of coastline
- Over 400 miles of roads and trails
- Annual visitation of over 10 million people
- 12 campgrounds with nearly 900 campsites
- 12 agricultural leases
- 2 operating agreements
- 4 concessions
- 5 cooperating associations



District at a Glance

- Beaches
 - Aquatic staff conducted more than 70,000 preventative safety contacts
 - 163 confirmed ocean rescues
 - 6 swiftwater rescues
 - 11 inland water rescues during storm activities
- Redwood forests
- Historic parks
 - The Interpretation and Education team has reached over 208,000 people through programming so far this fiscal year.





Park Spotlight Tours

Ano Nuevo State Park and Pigeon Point Light Station State Historic Park



Park Spotlight Tours

Castle Rock State Park and Natural Bridges State Beach

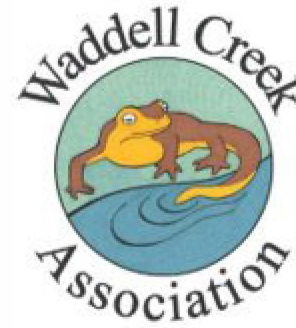
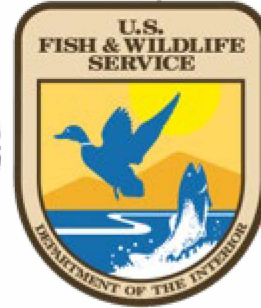
Partners



Save The Redwoods

LEAGUE

CALIFORNIA STATE PARKS FOUNDATION

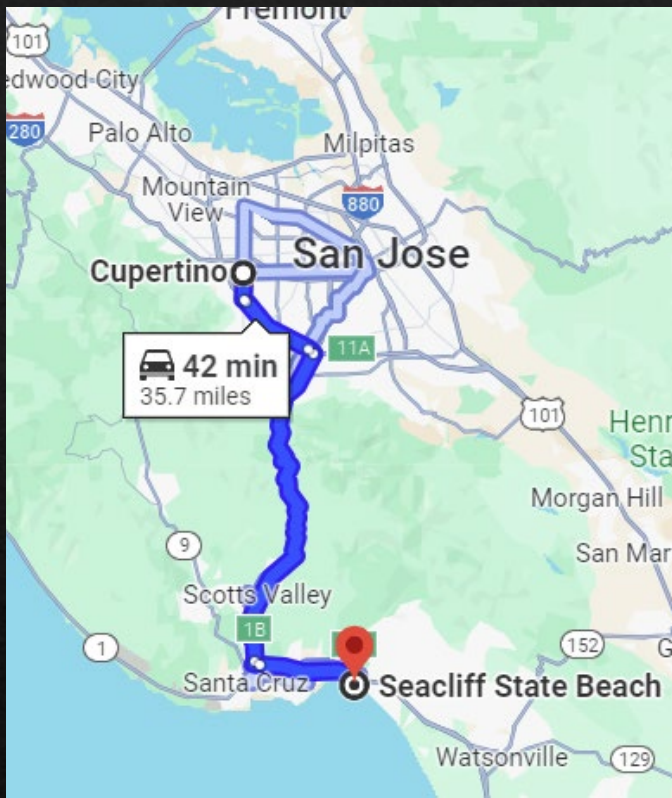




SEACLIFF & NEW BRIGHTON
STATE BEACHES

Recovery and Resilience

Scott Rohlf - Staff Park and Recreation Specialist, Santa Cruz District



- 2 miles of coastline
- 1 mile pedestrian promenade
- 64 RV campsites (26 full hookups)
- Pier

Bomb Cyclone

- January 5th, 2023
- 30-35 foot breaking waves
- Numerous atmospheric rivers









Feb 9th, 2024 King Tides

Seacliff & New Brighton Recovery and Resilience

- Understand the local coastal processes
- Assess the vulnerability
- Identify short- & long-term adaptations
- Engage with the public throughout the process

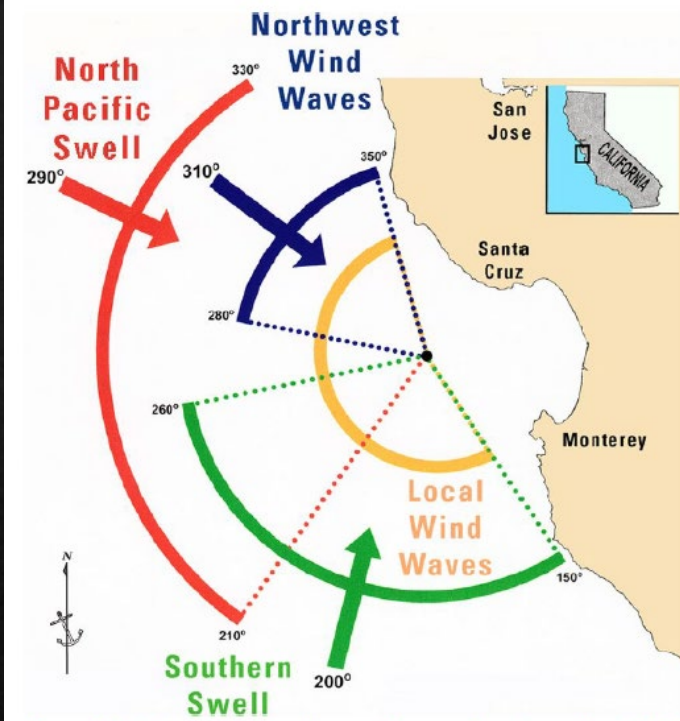


Figure 1-23: Angles of wave incidence at Monterey Bay, adopted from USGS (2006).

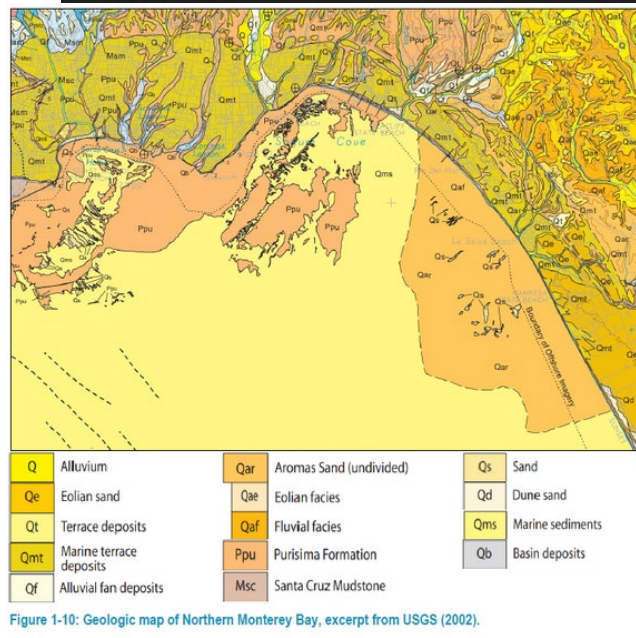


Figure 1-10: Geologic map of Northern Monterey Bay, excerpt from USGS (2002).

Seacliff & NB Recovery and Resilience

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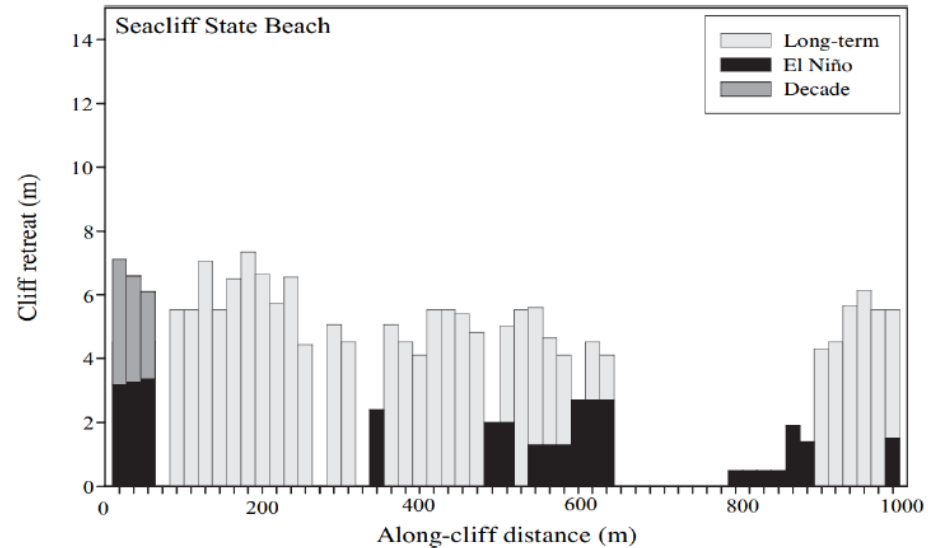


Figure 3-3: Long-term vs short-term cliff at Seacliff State Beach, Hapke (2004).

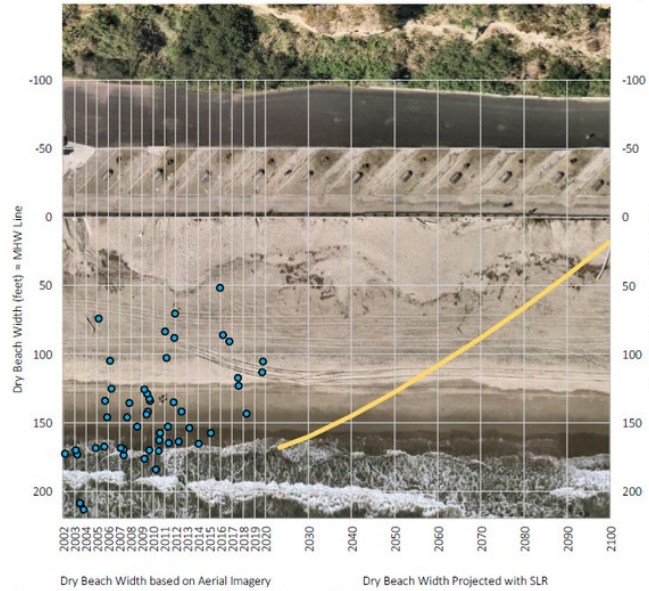


Figure 4-1: Projected change in dry beach width with SLR.

Seacliff & NB Recovery and Resilience



Table 4-3: Vulnerability ratings for facilities and resources at Seacliff Campground.

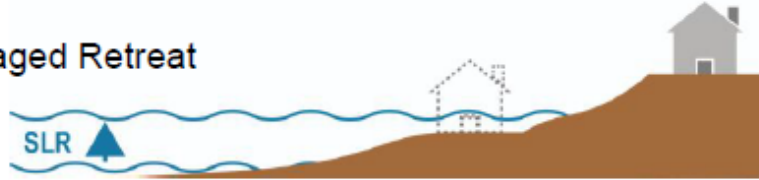
Asset	Sea Level Rise (ft)				Hazard
	1'	2'	4'	6'	
Facilities/Infrastructure					
Comfort stations	M	H	S	S	Wave overtopping
A1 Pump Station	M	H	S	S	Wave overtopping
RV Electrical hookups (demolished)	H	S	S	S	Wave overtopping
Coastal armoring	H	S	S	S	Wave overtopping
Comfort stations		M	S	S	Beach erosion
Beach stormwater outlets	M	S	S	S	Beach erosion
Coastal Armoring	M	S	S	S	Beach erosion
Groundwater monitoring wells			M	S	Beach erosion
A1 Pump Station			M	S	Beach erosion
RV Electrical hookups (demolished)	L	M	S	S	Beach erosion
Stormwater conduits from cliff top to base of cliff	M	H	H	H	Cliff retreat
Access					
Las Olas Drive boom gate control point	M	H	S	S	Wave overtopping
Las Olas Drive	M	H	S	S	Wave overtopping
Campground Parking (demolished)	H	S	S	S	Wave overtopping
Beach access stairs	M	H	S	S	Wave overtopping
Las Olas Drive boom gate control point			M	S	Beach erosion
Las Olas Drive			M	S	Beach erosion
Campground Parking		L	S	S	Beach erosion
Beach access stairs	M	S	S	S	Beach erosion
Beachgate Trail	L	M	H	H	Cliff retreat
State Park Drive	L	M	M	M	Cliff retreat
Natural Resources (acres lost)					
Seacliff Campground Beach	4.7	5.3	8.5	11.1	Shoreline retreat
Tasmanian bluegum, red gum	0.2	0.2	0.2	0.3	Cliff retreat
Forest fragment	0.3	0.3	0.3	0.3	Cliff retreat
Monterey cypress	1.8	1.9	2.0	2.1	Cliff retreat
Non-native shrub	5.5	5.6	5.7	5.8	Cliff retreat

- Understand the local coastal processes
- Assess the vulnerability
- Identify short- & long-term adaptations
- Engage with the public throughout the process

Do Nothing



Managed Retreat



Protect



Elevate



Nature-Based



Advance



Hybrid Solution?

Seacliff & NB Recovery and Resilience

- Understand the local coastal processes
- Assess the vulnerability
- Identify short- & long-term adaptations
- Engage with the public throughout the process



Recovery and Resilience

at Seacliff and New Brighton State Beach

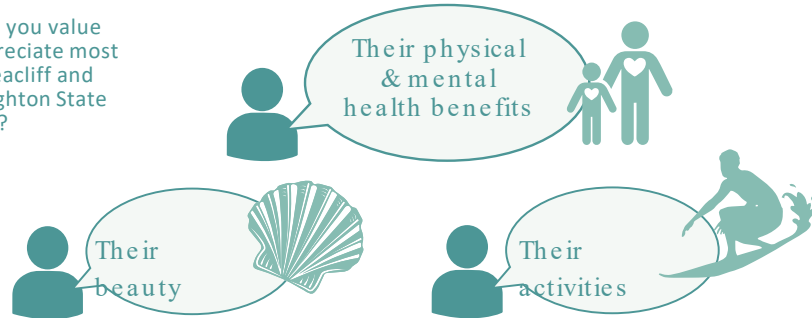
What We've Heard from Park

The Visitor Experience Survey was available in September and October 2023. The survey gathered information about what people value at Seacliff and New Brighton State Beaches, the activities they enjoy, amenities they use, and how they'd like to experience the parks in the future.

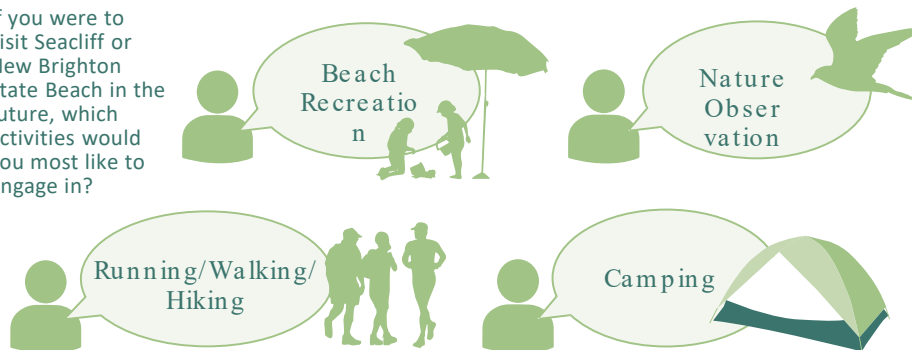


3,855
Survey
Respondents

What do you value and appreciate most about Seacliff and New Brighton State Beaches?



If you were to visit Seacliff or New Brighton State Beach in the future, which activities would you most like to engage in?



Balancing protection of beautiful natural settings with opportunities for high quality recreation is at the heart of State Parks. We're glad to know that visitors to Seacliff and New Brighton State Beaches value this balance too!

Questions or comments? Email us at Seacliff.Resilience@parks.ca.gov

Seacliff & NB Recovery and Resilience

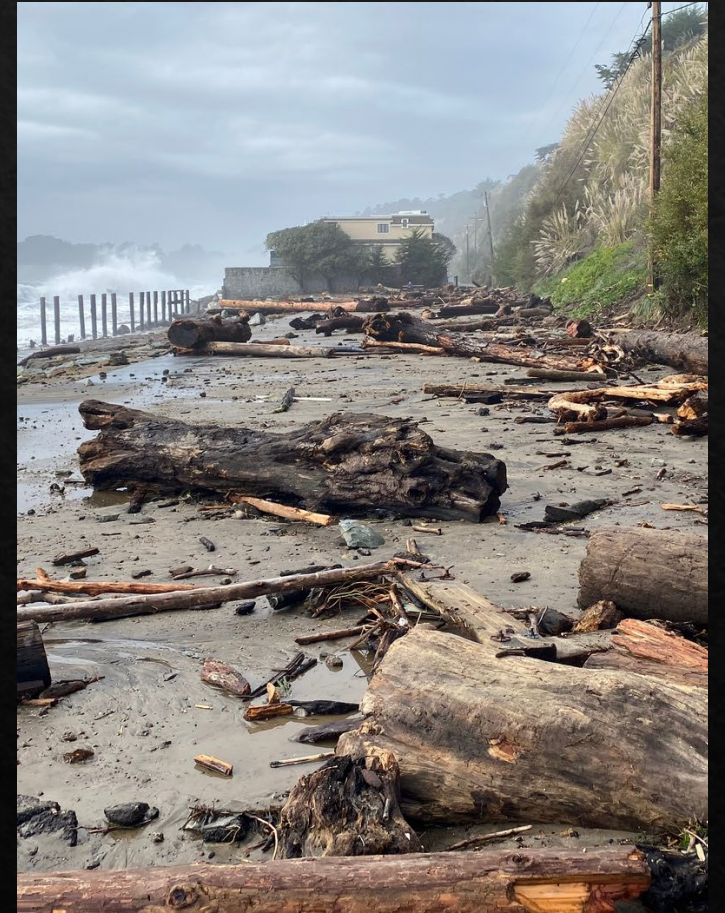
- Understand the local coastal processes
- Assess the vulnerability
- Identify short- & long-term adaptations
- Engage with the public throughout the process



What has happened since?



What has happened since?





2016



Feb. 27th, 2024

Thank
You

Questions?