

Draft Beach Maintenance Index: Sand Nourishment

Updated: 4/8/2026

Beach	Fall 2025 Beach Width Relative to Historical Range*	Need (per draft OC SCOUP)**	Historical Sand Nourishment Projects (since 2016)	% of Goal Per Decade Already Placed	Planned/Ongoing Sand Nourishment Projects	TOTAL Planned Volume	% of Goal Volume per Decade (Planned)	Draft OC SCOUP Maximum Fill Extent (Over Multiple Events)**	Goal Beach Width/Volume (CY Per Decade)
Baby Beach	Average***	LOW	2016 (8,000 CY)	80%	None	N/A	80%	10,000 CY	<u>10,000</u>
Doheny State Beach	Near Historical Minimum	HIGH	2023 (25,000 CY)		45k-62k CY (nearshore) USACE Breakwater Repair Project, 35k CY Nature-Based Shoreline & SANDAG RBSP III (450k CY)	530,000		300,000 CY	
Capistrano Beach Park	Near Historical Minimum	HIGH	2024 (20,000 CY) 2023 (20,000 CY) 2016 (65,000 CY-nearshore)		13.5k CY planned for spring 2026, 35k CY Nature-Based Shoreline & SANDAG RBSP III (50k CY)	98,500		150,000 CY	
Capistrano Bay District	Near Historical Minimum	Not Included	None		None	N/A		N/A	
Poche Beach	Near Historical Minimum	HIGH	None		None	N/A		1,000 CY	
Shorecliffs Beach Club	Near Historical Minimum	Not Included	None		None	N/A		N/A	
Capistrano Shores	Near Historical Minimum	HIGH	None		None	N/A		300,000 CY	

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North Beach	Average	HIGH	2025 (2.5k CY) 2024 (37k CY) 2016 (12k CY) 2005 (5k CY)		OCTA nourishment (240k CY) & RBSP III (250k CY)	490,000		150,000 CY	
Djie (Marisposa Point)	Near Historical Minimum	HIGH	None						
Linda Lane **	Average	HIGH	2023/2024 (196k CY)		USACE 50-Yr Project (2 million over 50 years, in 6 year increments)	496,664		300,000 CY	
San Clemente Pier **	Above Average	HIGH							
TStreet/Boca Del Canon **	Above Average	HIGH							
San Clemente State Beach	Above Average	MEDIUM	None		OCTA nourishment (150k CY) & RBSP III (500k CY- 800k CY)	650,000-950,000		300,000 CY	
Cyprus Shore/Cottons	Near Historical Minimum	HIGH	None		OCTA nourishment (150k CY)	150,000		300,000 CY	
San Onofre - Trestles	N/A	N/A	None		None	N/A		N/A	

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Footnotes:

*Based on Coastal Frontiers Shoreline Monitoring Program of Historical Beach Width for the City of San Clemente.

Legend:

Beach Width Relative to Historical Range
Near Historical Minimum
Average
Above Average

** OC SCOUP Need is based on analysis provided within the document with a variety of sources listed in Section 10.0 (References) and generally analyzes storm surge, existing beach width, and usage factors. SCOUP Volumes are based on draft OC SCOUP dated November of 2025. San Clemente beaches at Linda Lane, San Clemente Pier, and TStreet/BocaDel Canon have benefited from 251,000 CY of sand nourishment as part of USACE 50-Yr Project since the HIGH need condition was identified in the draft SCOUP.

***Anecdotal beach width noted for Baby Beach, not based on Coastal Frontiers transect monitoring.

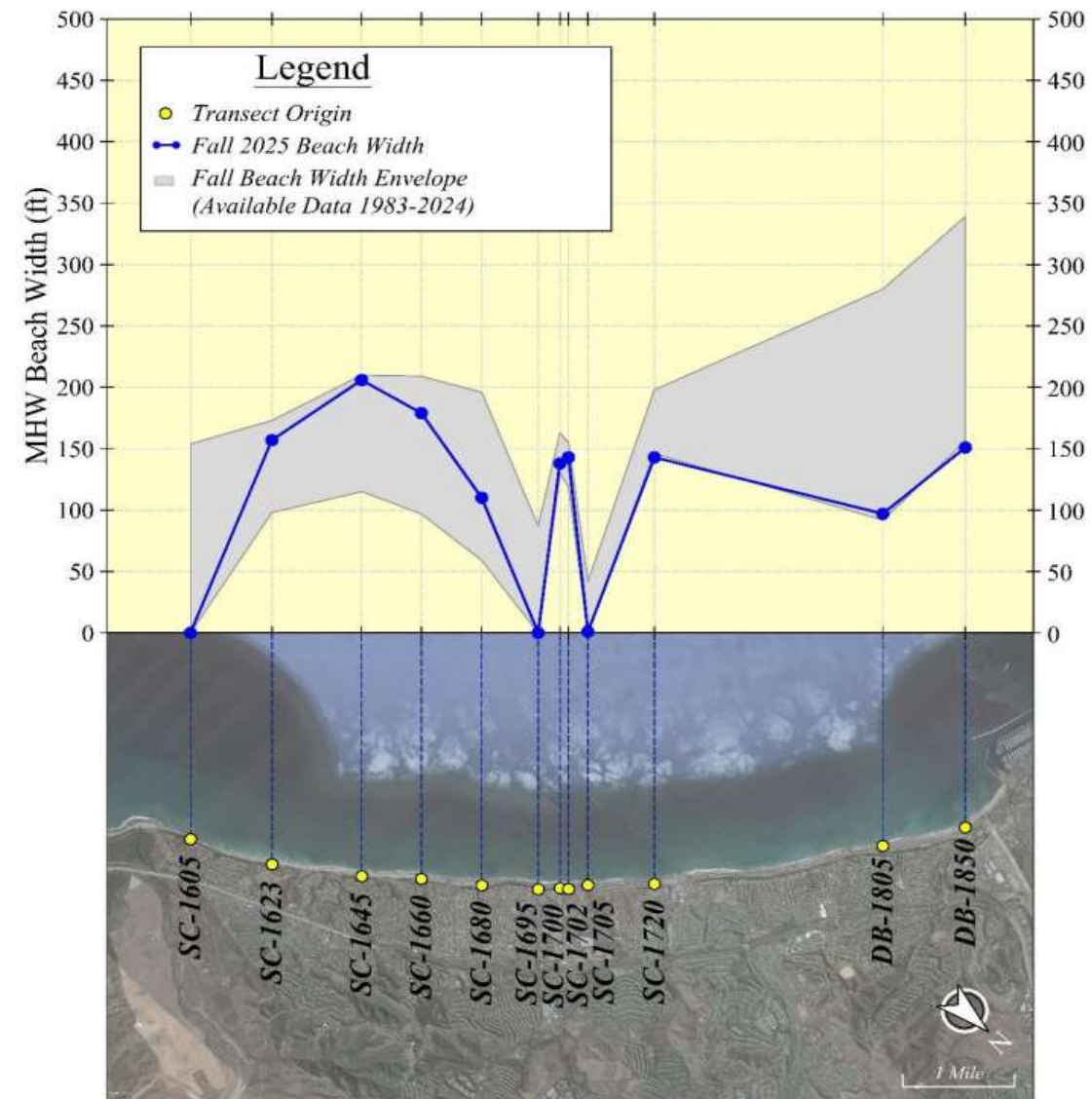


Figure 3. Fall 2025 MHW Beach Widths Relative to 1983-2024 Historical Fall Beach Width Envelope

Draft Beach

Updated: 4/8

Beach	Future Retention Projects	Future Shoreline Protection Projects	Future Managed Retreat Projects	San Clemente SCOUP
Baby Beach	N/A	N/A	N/A	N/A
Doheny State Beach	OC Parks/CA State Parks Capistrano-Doheny Nature-Based Shoreline	N/A	Doheny Campground and Doheny Parking Area Projects	N/A
Capistrano Beach Park	OC Parks/CA State Parks Capistrano-Doheny Nature-Based Shoreline	N/A	N/A	N/A
Capistrano Bay District	N/A	N/A	N/A	N/A
Poche Beach	N/A	N/A	N/A	N/A
Shorecliffs Beach Club	N/A	N/A	N/A	N/A
Capistrano Shores	N/A	N/A	N/A	N/A

Beach	Future Retention Projects	Future Shoreline Protection Projects	Future Managed Retreat Projects	San Clemente SCOUP
North Beach	City of SC Nature-Based Coastal Resiliency Project - Off-Shore Pilot Project	N/A	N/A	125k CY
Djie (Marisposa Point)	N/A		N/A	N/A
Linda Lane **	N/A	N/A	N/A	75k CY
San Clemente Pier **	N/A	N/A	N/A	N/A
TStreet/Boca Del Canon **	N/A	N/A	N/A	105k CY
San Clemente State Beach	N/A	OCTA, Area 4 Shoreline Protection (Revetment, Seawall, Etc.)	N/A	N/A
Cyprus Shore/Cottons	N/A		N/A	N/A
San Onofre - Trestles	Surfrider Nature-Based Shoreline Project		San Onofre Managed Retreat	N/A