

California MLPA South Coast Project
Habitat Calculations for SCRSG MPA Proposal 2
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	How Measured	Total Available Habitat	Point Conception SMR	Campus Point SMR	Goleta Slough SMR	Point Mugu SMRMA	Point Dume SMCA
MPA ID			73640	73661	73662	74010	73664
MPA Designation			SMR	SMR	SMR	SMRMA	SMCA
Level of Protection			Very High	Very High	Very High	Very High	High
SAT Evaluation Bioregion			North Mainland	North Mainland	North Mainland	North Mainland	North Mainland
Area	sq miles	2,350.88	26.11	10.36	0.25	1.85	19.96
Alongshore Span	miles	NA	6.24	2.90	N/A	N/A	5.34
ESI Shoreline	miles	1,107.94	5.67	3.28	3.48	11.31	5.87
Min Depth	feet	0.00	0.00	0.00	0.00	0.00	0.00
Max Depth	feet	3,938.00	489.00	748.00	0.00	0.00	2023.00
Beaches	miles	379.63	1.71	1.98	0.15	1.00	5.35
Rocky Shores	miles	280.72	3.96	1.30	0.00	0.00	0.52
Hardened Shores	miles	297.85	0.00	0.00	0.00	0.05	0.00
Coastal Marsh	miles	59.49	0.00	0.00	2.76	9.36	0.00
Coastal Marsh (area)	sq miles	6.08	0.00	0.00	0.19	1.09	0.00
Tidal Flats	miles	28.76	0.00	0.00	0.56	0.90	0.00
Surfgrass	miles	220.96	4.65	1.14	0.00	0.00	1.34
Eelgrass	sq miles	4.11	0.00	0.00	0.00	0.00	0.00
Estuary	sq miles	43.30	0.00	0.00	0.25	1.85	0.00
soft 0 - 30m	sq miles	437.19	2.76	0.89	0.00	0.00	2.34
soft 0 - 30m proxy	miles	362.57	1.90	1.22	0.00	0.00	3.97
soft 30 - 100m	sq miles	672.07	18.04	6.96	0.00	0.00	7.14
soft 100 - 200m	sq miles	158.39	3.26	1.40	0.00	0.00	2.00
soft 200 - 3000m	sq miles	234.34	0.00	0.05	0.00	0.00	7.11
hard 0 - 30m	sq miles	111.75	1.19	0.76	0.00	0.00	0.43
hard 0 - 30m proxy	miles	191.62	2.79	1.83	0.00	0.00	1.53
hard 30 - 100m	sq miles	47.79	0.33	0.04	0.00	0.00	0.02
hard 100 - 200m	sq miles	3.89	0.10	0.00	0.00	0.00	0.01
hard 200 - 3000m	sq miles	2.16	0.00	0.00	0.00	0.00	0.33
unknown 0 - 30m	sq miles	153.91	0.21	0.26	0.00	0.00	0.53
unknown 30 - 100m	sq miles	213.52	0.01	0.00	0.00	0.00	0.02
unknown 100 - 200 m	sq miles	113.01	0.19	0.00	0.00	0.00	0.00
unknown 200 - 3000m	sq miles	201.99	0.00	0.00	0.00	0.00	0.01
Maximum kelp (linear)	miles	336.55	2.77	2.51	0.00	0.00	1.83
Kelp persistence (linear)	miles	182.61	2.20	1.62	0.00	0.00	1.30

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	Point Vicente SMR	Abalone Cove SMCA	Bolsa Chica SMCA	Upper Newport Bay SMCA	Laguna North SMCA	Laguna SMR	Laguna South SMCA
MPA ID	73914	73915	74107	73225	73211	73590	74109
MPA Designation	SMR	SMCA	SMCA	SMCA	SMCA	SMR	SMCA
Level of Protection	Very High	High	Moderate Low	Moderate Low	Moderate Low	Very High	Moderate Low
SAT Evaluation Bioregion	South Mainland	South Mainland	South Mainland	South Mainland	South Mainland	South Mainland	South Mainland
Area	15.12	4.75	0.72	1.28	2.23	9.18	1.43
Alongshore Span	3.69	1.23	N/A	N/A	4.82	2.11	6.58
ESI Shoreline	1.60	1.64	4.63	13.39	5.58	2.58	8.46
Min Depth	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Max Depth	2640.00	2181.00	0.00	0.00	125.00	1801.00	58.00
Beaches	1.40	0.76	0.00	0.00	3.28	1.60	4.72
Rocky Shores	0.21	0.87	0.00	0.00	2.30	0.98	3.42
Hardened Shores	0.00	0.00	0.85	1.84	0.00	0.00	0.32
Coastal Marsh	0.00	0.00	2.79	8.10	0.00	0.00	0.00
Coastal Marsh (area)	0.00	0.00	0.51	0.75	0.00	0.00	0.00
Tidal Flats	0.00	0.00	0.99	3.46	0.00	0.00	0.00
Surfgrass	1.14	1.41	0.00	0.00	3.84	1.71	4.40
Eelgrass	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Estuary	0.00	0.00	0.72	1.28	0.00	0.00	0.00
soft 0 - 30m	0.41	0.51	0.00	0.00	1.16	0.62	0.53
soft 0 - 30m proxy	0.47	1.09	0.00	0.00	4.10	1.23	3.71
soft 30 - 100m	1.09	1.17	0.00	0.00	0.31	2.14	0.00
soft 100 - 200m	1.05	0.56	0.00	0.00	0.00	1.63	0.00
soft 200 - 3000m	12.24	2.32	0.00	0.00	0.00	4.37	0.00
hard 0 - 30m	0.25	0.14	0.00	0.00	0.14	0.18	0.15
hard 0 - 30m proxy	1.06	0.23	0.00	0.00	0.80	0.96	0.19
hard 30 - 100m	0.00	0.02	0.00	0.00	0.02	0.00	0.00
hard 100 - 200m	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hard 200 - 3000m	0.03	0.00	0.00	0.00	0.00	0.01	0.00
unknown 0 - 30m	0.02	0.03	0.00	0.00	0.60	0.23	0.75
unknown 30 - 100m	0.00	0.00	0.00	0.00	0.00	0.00	0.00
unknown 100 - 200 m	0.00	0.00	0.00	0.00	0.00	0.00	0.00
unknown 200 - 3000m	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum kelp (linear)	1.23	0.86	0.00	0.00	0.08	1.56	0.43
Kelp persistence (linear)	0.13	0.08	0.00	0.00	0.00	0.00	0.00

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	Del Mar SMR	San Dieguito Lagoon SMR	La Jolla SMR	Famosa Slough SMR	Ocean Beach Pier SMCA	Sunset Cliffs SMR	Cabrillo SMR	Bird Rock SMCA
MPA ID	73666	73917	74011	73669	73667	74012	73919	73921
MPA Designation	SMR	SMR	SMR	SMR	SMCA	SMR	SMR	SMCA
Level of Protection	Very High	Very High	Very High	Very High	Moderate High	Very High	Very High	High
SAT Evaluation Bioregion	South Mainland	South Mainland	South Mainland	South Mainland	South Mainland	South Mainland	South Mainland	East Channel Islands
Area	12.78	0.52	0.77	0.03	0.15	9.27	0.38	8.97
Alongshore Span	3.61	N/A	1.14	N/A	0.20	2.63	1.26	2.29
ESI Shoreline	3.61	2.14	2.03	N/A	0.41	3.11	1.42	N/A
Min Depth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00
Max Depth	1057.00	0.00	214.00	0.00	28.00	336.00	30.00	2616.00
Beaches	3.43	0.48	1.12	0.00	0.33	0.70	0.44	0.00
Rocky Shores	0.18	0.00	0.91	0.00	0.02	1.99	0.97	0.00
Hardened Shores	0.00	0.27	0.00	0.00	0.06	0.42	0.00	0.00
Coastal Marsh	0.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00
Coastal Marsh (area)	0.00	0.16	0.00	0.01	0.00	0.00	0.00	0.00
Tidal Flats	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00
Surfgrass	1.16	0.00	0.59	0.00	0.15	2.86	1.39	0.00
Eelgrass	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Estuary	0.00	0.52	0.00	0.03	0.00	0.00	0.00	0.00
soft 0 - 30m	3.63	0.00	0.45	0.00	0.11	1.01	0.03	0.02
soft 0 - 30m proxy	2.89	0.00	1.04	0.00	0.08	0.39	0.00	0.00
soft 30 - 100m	3.93	0.00	0.19	0.00	0.00	2.36	0.00	0.36
soft 100 - 200m	2.22	0.00	0.00	0.00	0.00	0.07	0.00	0.65
soft 200 - 3000m	1.51	0.00	0.00	0.00	0.00	0.00	0.00	7.44
hard 0 - 30m	0.22	0.00	0.11	0.00	0.03	2.48	0.30	0.01
hard 0 - 30m proxy	0.75	0.00	0.07	0.00	0.00	2.17	0.20	0.00
hard 30 - 100m	0.19	0.00	0.01	0.00	0.00	0.36	0.00	0.00
hard 100 - 200m	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
hard 200 - 3000m	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
unknown 0 - 30m	0.13	0.00	0.01	0.00	0.00	0.04	0.05	0.00
unknown 30 - 100m	0.24	0.00	0.00	0.00	0.00	2.92	0.00	0.00
unknown 100 - 200 m	0.40	0.00	0.00	0.00	0.00	0.02	0.00	0.00
unknown 200 - 3000m	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.48
Maximum kelp (linear)	0.19	0.00	0.39	0.00	0.06	2.54	0.00	0.00
Kelp persistence (linear)	0.00	0.00	0.00	0.00	0.00	1.82	0.00	0.00

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	Blue Cavern SMR	Casino Point_SMR	Lover's Cove SMCA	Farnsworth SMCA	Begg Rock SMR	San Clemente Pending Military Closure 1
MPA ID	73923	73924	73925	73962	73224	73223
MPA Designation	SMR	SMR	SMCA	SMCA	SMR	Undesignated
Level of Protection	Very High	Very High	Moderate Low	High	Very High	N/A
SAT Evaluation Bioregion	East Channel Islands	East Channel Islands	East Channel Islands	East Channel Islands	West Channel Islands	East Channel Islands
Area	1.34	0.01	0.06	10.18	37.96	17.44
Alongshore Span	2.26	0.15	0.39	3.01	6.94	3.93
ESI Shoreline	3.36	0.09	0.60	N/A	N/A	1.83
Min Depth	0.00	73.00	0.00	125.00	219.00	0.00
Max Depth	691.00	73.00	188.00	3499.00	374.00	1682.00
Beaches	1.66	0.00	0.38	0.00	0.00	0.79
Rocky Shores	1.65	0.05	0.12	0.00	0.00	1.04
Hardened Shores	0.05	0.04	0.09	0.00	0.00	0.00
Coastal Marsh	0.00	0.00	0.00	0.00	0.00	0.00
Coastal Marsh (area)	0.00	0.00	0.00	0.00	0.00	0.00
Tidal Flats	0.00	0.00	0.00	0.00	0.00	0.00
Surfgrass	1.58	0.00	0.00	0.00	0.00	0.63
Eelgrass	0.00	0.00	0.00	0.00	0.00	0.00
Estuary	0.00	0.00	0.00	0.00	0.00	0.00
soft 0 - 30m	0.28	0.00	0.01	0.00	0.00	0.01
soft 0 - 30m proxy	1.89	0.02	0.28	0.00	0.00	0.00
soft 30 - 100m	0.50	0.00	0.02	3.27	22.19	0.96
soft 100 - 200m	0.43	0.00	0.00	1.79	11.55	0.00
soft 200 - 3000m	0.04	0.00	0.00	4.46	0.00	0.00
hard 0 - 30m	0.08	0.00	0.01	0.00	0.00	1.17
hard 0 - 30m proxy	0.88	0.08	0.23	0.00	0.00	2.45
hard 30 - 100m	0.01	0.00	0.00	0.51	4.10	1.04
hard 100 - 200m	0.00	0.00	0.00	0.01	0.07	0.00
hard 200 - 3000m	0.00	0.00	0.00	0.02	0.00	0.00
unknown 0 - 30m	0.00	0.00	0.00	0.00	0.00	0.01
unknown 30 - 100m	0.00	0.00	0.00	0.00	0.00	3.73
unknown 100 - 200 m	0.00	0.00	0.00	0.00	0.00	4.84
unknown 200 - 3000m	0.00	0.00	0.00	0.11	0.00	5.66
Maximum kelp (linear)	2.48	0.10	0.47	0.00	0.00	2.96
Kelp persistence (linear)	1.40	0.02	0.25	0.00	0.00	2.75

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	San Clemente Pending Military Closure 2	Richardson Rock SMR	Judith Rock SMR	Harris Point SMR	South Point SMR	Carrington Point SMR
MPA ID	73220	73196	73207	73197	73206	73198
MPA Designation	Undesignated	SMR	SMR	SMR	SMR	SMR
Level of Protection	N/A	Very High	Very High	Very High	Very High	Very High
SAT Evaluation Bioregion	East Channel Islands	West Channel Islands	West Channel Islands	West Channel Islands	West Channel Islands	West Channel Islands
Area	19.24	40.69	4.55	25.35	13.05	12.76
Alongshore Span	5.37	6.31	1.23	5.38	3.55	4.02
ESI Shoreline	6.13	N/A	2.19	9.28	4.79	6.16
Min Depth	0.00	95.00	0.00	0.00	0.00	0.00
Max Depth	3938.00	558.00	487.00	557.00	1071.00	211.00
Beaches	5.25	0.00	0.48	1.81	1.45	0.81
Rocky Shores	0.77	0.00	1.71	7.48	3.34	5.35
Hardened Shores	0.11	0.00	0.00	0.00	0.00	0.00
Coastal Marsh	0.00	0.00	0.00	0.00	0.00	0.00
Coastal Marsh (area)	0.00	0.00	0.00	0.00	0.00	0.00
Tidal Flats	0.00	0.00	0.00	0.00	0.00	0.00
Surfgrass	2.11	0.00	0.00	1.01	1.77	3.99
Eelgrass	0.00	0.00	0.00	0.00	0.00	0.00
Estuary	0.00	0.00	0.00	0.00	0.00	0.00
soft 0 - 30m	0.00	0.00	0.21	1.80	1.22	7.15
soft 0 - 30m proxy	1.30	0.00	0.46	5.60	1.70	3.32
soft 30 - 100m	0.00	0.52	1.56	15.93	3.51	3.82
soft 100 - 200m	0.00	0.09	0.00	2.54	5.34	0.00
soft 200 - 3000m	0.00	0.00	0.00	0.00	0.05	0.00
hard 0 - 30m	0.61	0.00	0.48	0.85	0.55	1.35
hard 0 - 30m proxy	4.57	0.00	0.80	1.96	2.05	1.97
hard 30 - 100m	0.03	0.20	0.07	2.40	0.26	0.27
hard 100 - 200m	0.00	0.04	0.00	0.25	0.01	0.00
hard 200 - 3000m	0.00	0.00	0.00	0.00	0.00	0.00
unknown 0 - 30m	0.45	0.03	0.04	1.18	0.06	0.16
unknown 30 - 100m	2.16	27.66	0.16	0.34	0.01	0.00
unknown 100 - 200 m	1.58	12.13	2.02	0.05	0.25	0.00
unknown 200 - 3000m	14.40	0.00	0.00	0.00	1.79	0.00
Maximum kelp (linear)	5.47	0.44	1.22	4.12	3.67	3.68
Kelp persistence (linear)	4.26	0.00	0.96	2.30	3.25	1.24

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	Skunk Point SMR	Painted Cave SMCA	Gull Island SMR	Scorpion SMR	Footprint SMR	Anacapa Island SMCA
MPA ID	73208	73203	73204	73205	73199	73201
MPA Designation	SMR	SMCA	SMR	SMR	SMR	SMCA
Level of Protection	Very High	Moderate Low	Very High	Very High	Very High	Moderate Low
SAT Evaluation Bioregion	West Channel Islands	Mid Channel Islands	Mid Channel Islands	Mid Channel Islands	Mid Channel Islands	Mid Channel Islands
Area	1.39	1.78	19.91	9.62	7.05	7.30
Alongshore Span	2.18	1.94	4.78	2.59	4.74	2.01
ESI Shoreline	2.51	3.05	3.98	4.65	N/A	3.68
Min Depth	0.00	0.00	0.00	0.00	171.00	0.00
Max Depth	83.00	291.00	2205.00	769.00	1656.00	490.00
Beaches	1.77	0.00	2.10	0.67	0.00	0.19
Rocky Shores	0.74	3.05	1.88	3.98	0.00	3.49
Hardened Shores	0.00	0.00	0.00	0.00	0.00	0.00
Coastal Marsh	0.00	0.00	0.00	0.00	0.00	0.00
Coastal Marsh (area)	0.00	0.00	0.00	0.00	0.00	0.00
Tidal Flats	0.00	0.00	0.00	0.00	0.00	0.00
Surfgrass	0.11	0.00	1.14	0.00	0.00	1.23
Eelgrass	0.00	0.00	0.00	0.00	0.00	0.00
Estuary	0.00	0.00	0.00	0.00	0.00	0.00
soft 0 - 30m	0.71	0.05	1.90	0.37	0.00	0.23
soft 0 - 30m proxy	2.09	1.96	2.77	2.28	0.00	1.74
soft 30 - 100m	0.00	0.12	3.76	4.88	1.16	6.21
soft 100 - 200m	0.00	0.00	3.20	0.18	0.27	0.18
soft 200 - 3000m	0.00	0.00	1.43	0.00	0.00	0.00
hard 0 - 30m	0.08	0.04	0.78	0.17	0.00	0.11
hard 0 - 30m proxy	0.18	0.01	2.36	0.69	0.00	0.54
hard 30 - 100m	0.00	0.00	0.12	0.33	0.11	0.03
hard 100 - 200m	0.00	0.00	0.13	0.01	0.02	0.00
hard 200 - 3000m	0.00	0.00	0.00	0.00	0.00	0.00
unknown 0 - 30m	0.61	0.28	0.09	0.04	0.00	0.02
unknown 30 - 100m	0.00	1.29	0.00	0.03	0.06	0.01
unknown 100 - 200 m	0.00	0.00	0.21	2.05	1.53	0.52
unknown 200 - 3000m	0.00	0.00	8.26	1.58	3.89	0.00
Maximum kelp (linear)	1.00	0.24	3.29	2.00	0.00	0.61
Kelp persistence (linear)	0.67	0.00	1.88	0.05	0.00	0.00

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	Anacapa Island SMR	Santa Barbara Island SMR
MPA ID	73200	73202
MPA Designation	SMR	SMR
Level of Protection	Very High	Very High
SAT Evaluation Bioregion	Mid Channel Islands	Mid Channel Islands
Area	11.54	12.76
Alongshore Span	3.05	0.95
ESI Shoreline	7.17	1.17
Min Depth	0.00	0.00
Max Depth	709.00	1655.00
Beaches	0.79	0.15
Rocky Shores	6.38	1.02
Hardened Shores	0.00	0.00
Coastal Marsh	0.00	0.00
Coastal Marsh (area)	0.00	0.00
Tidal Flats	0.00	0.00
Surfgrass	3.23	0.78
Eelgrass	0.00	0.00
Estuary	0.00	0.00
soft 0 - 30m	0.87	0.47
soft 0 - 30m proxy	2.59	0.72
soft 30 - 100m	7.25	1.69
soft 100 - 200m	0.78	0.42
soft 200 - 3000m	0.00	0.02
hard 0 - 30m	0.27	0.11
hard 0 - 30m proxy	0.65	0.36
hard 30 - 100m	0.10	0.10
hard 100 - 200m	0.00	0.02
hard 200 - 3000m	0.00	0.00
unknown 0 - 30m	0.01	0.00
unknown 30 - 100m	0.00	0.07
unknown 100 - 200 m	1.48	1.28
unknown 200 - 3000m	0.77	8.57
Maximum kelp (linear)	1.46	0.76
Kelp persistence (linear)	0.65	0.10