

Redwood National Park (REDW)

Table E20. Summary of Findings for REDW.

Exposure level	# of assets	% of assets	CRV	% of total CRV
High Exposure	20	4%	\$7,871,075	2%
Limited Exposure	470	96%	\$360,024,101	98%
TOTALS	490	100%	\$367,895,176	100%

Park visit

N/A

Park contacts

N/A

Primary data utilized

- 1) NPS FMSS location hierarchy report & topographic maps
- 2) 2002 NASA/USGS Airborne LiDAR Assessment of Coastal Erosion (ALACE) Project for California, Oregon, and Washington Coastlines

Process/methods for exposure determination

Used maps and location hierarchy report to eliminate “areas” of assets that should be considered as having a limited exposure. The remaining assets listed as high exposure are near the coast or the exact location was unknown. Upon review (completed by Barney Riley) numerous assets were removed from the high exposure list.

REDW Documents

Map of high exposure assets & GIS data

High exposure assets*

*Assets sorted by values for:

- 1) Optimizer Band (low to high)
- 2) API (high to low)
- 3) FCI (low to high)

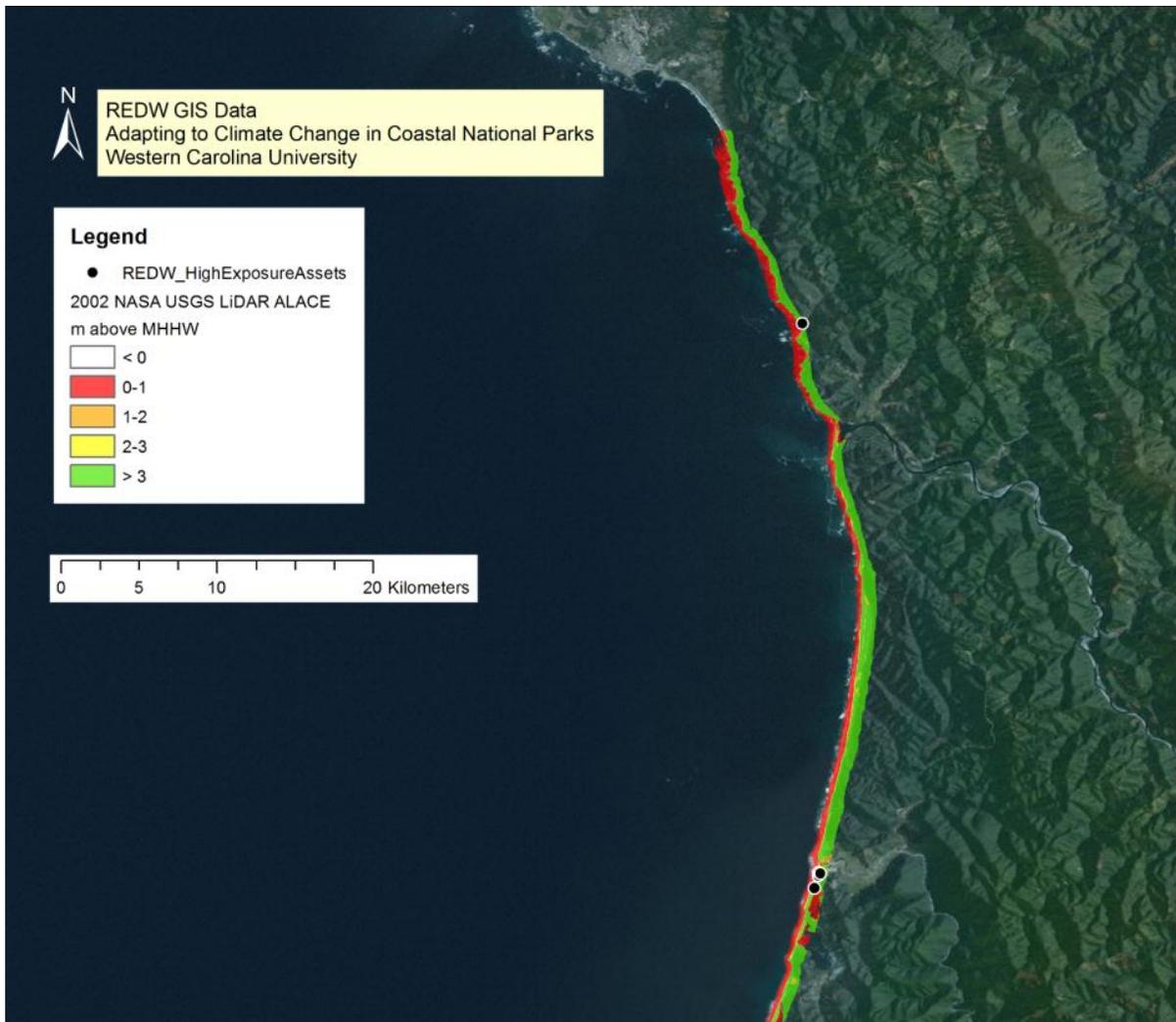


Figure E8. REDW GIS map of park boundary and high-exposure assets. NOAA tides and currents website was used to calculate MHHW (1.88 m above NAVD88), for REDW used Fields Landing, Humbolt Bay, CA station: <http://tidesandcurrents.noaa.gov/datums.html?id=9418723>.

Table E21. Complete list of GIS Data utilized for REDW.

Data Name	Data Source
2002 NASA/USGS Airborne LiDAR Assessment of Coastal Erosion Project for CA, OR, and WA Coastlines	NOAA: http://www.csc.noaa.gov/dataviewer/#
Redwood Transportation	IRMA, NPS: https://irma.nps.gov/App/

Table E22. REDW High Exposure Asset List.

ID	Asset Code	Location Code (Description)	CRV	Optimiz Band	API	FCI
1	4100	11093 (Thomas Kuchel Visitor Center (RIC), 6500)	\$3,484,488	1	90	0.03
2	1300	15619 (Parking Thomas Kuchel VC (RIC) Paved Rte 900)	\$597,441	2	78	0.22
3	1100	11049 (Thomas Kuchel VC (RIC) Road., Paved - Rte 215)	\$605,620	2	67	0.03
4	4100	3984 (Lagoon Creek Restroom)	\$464,713	2	65	0.06
5	3100	12288 (Lagoon Creek Day Use / Picnic Area)	\$174,232	2	60	0
6	1100	15655 (Thomas Kuchel VC (RIC) Service Road., paved Rte 415)	\$163,051	3	52	0.24
7	1300	11037 (Parking Lagoon Creek Day Use/Picnic Paved -Rte 907)	\$761,744	3	42	0.15
8	2100	12951 (Redwood Creek Estuary Trail/Boardwalk)	\$194,710	4	54	0
9	3100	15673 (Freshwater Lagoon Day Use / Picnic Area)	\$435,580	4	50	0.17
10	1300	15975 (Parking Freshwater Lagoon Boat Launch Unpaved)	\$27,735	4	42	0.45
11	1300	28037 (Parking Freshwater Day Use Area Unpaved)	\$476,189	4	42	0.49
12	2200	16782 (Lagoon Creek Pedestrian Trail Bridge, #8480-008T)	\$45,748	4	30	0
13	6300	15974 (Freshwater Lagoon Marina System)	\$23,526	4	27	0
14	1300	3457 (Parking False Klamath Cove Paved)	\$144,043	4	24	0.19
15	1100	3458 (Freshwater Lagoon Access Road)	\$141,622	4	24	0.65
16	2100	16025 (Freshwater Bike Trail)	\$130,632	5	17	0
17	n/a	28036 (Freshwater Sand Spit Site)	n/a	n/a	n/a	n/a
18	n/a	238374 (Wilson Beach)	n/a	n/a	n/a	n/a
19	n/a	238372 (Parking Wilson Beach)	n/a	n/a	n/a	n/a
20	n/a	238373 (Wilson Beach Day Use Area / Picnic Area)	n/a	n/a	n/a	n/a