

PUBLIC HAB FORECAST REPORT

San José Lagoon

Generated Jun 13, 2026, 17:04 | Forecast date 2026-06-13

LOW warning with high confidence

Predicted chlorophyll-a average 6.71 mg/m³ • High-risk probability 2.0% • Threshold 16.41 mg/m³

Warning Level

LOW

LIMITED

Confidence

HIGH

Source WEEK 1

Predicted Average

6.71 mg/m³

Risk LOW

Environmental Snapshot

Latest observed conditions (Jun 13, 2026)

Chlorophyll-a

7.36 mg/m³

Observed 2026-06-13

Down 8.0% since previous sample

Water Temperature

28.84 °C

Observed 2026-06-13

Down 0.3% since previous sample

Air Temperature

27.84 °C

Observed 2026-06-13

Down 2.0% since previous sample

Radiation

182.20 W/m²

Observed 2026-06-11

Down 42.5% since previous sample

Precipitation

0.30 mm

Observed 2026-06-08

No change from previous sample

Tidal Range

0.67 m

Observed 2026-06-13

Up 5.8% since previous sample

Wind Speed

7.29 m/s

Observed 2026-06-13

Up 50.6% since previous sample

Forecast Windows

Observed and forecast windows shown as compact reference cards.

3 wk ago • OBSERVED
2026-05-17 to 2026-05-23
5.75 mg/m³
Observed reference window

2 wk ago • OBSERVED
2026-05-24 to 2026-05-30
8.58 mg/m³
Observed reference window

1 wk ago • OBSERVED
2026-05-31 to 2026-06-06
5.69 mg/m³
Observed reference window

Current • OBSERVED
2026-06-07 to 2026-06-13
7.36 mg/m³
Observed window is still in progress

+1 wk • FORECAST
2026-06-14 to 2026-06-20
6.71 mg/m³
50% interval 3.76 to 9.66 mg/m³

+2 wk • FORECAST
2026-06-21 to 2026-06-27
7.09 mg/m³
50% interval 3.49 to 10.70 mg/m³

+3 wk • FORECAST
2026-06-28 to 2026-07-04
8.86 mg/m³
50% interval 5.70 to 12.03 mg/m³

Weekly Outlook

Operational interpretation of the next three forecast weeks.

Week 1: 2026-06-14 to 2026-06-20
LOW warning Confidence HIGH • Summary LIMITED
Predicted average 6.71 mg/m³ • 50% interval 3.76 to 9.66 mg/m³
High-risk probability 2.0% • Three-class high probability 0.4% • Evidence score 0

Week 2: 2026-06-21 to 2026-06-27
LOW warning Confidence HIGH • Summary LIMITED
Predicted average 7.09 mg/m³ • 50% interval 3.49 to 10.70 mg/m³
High-risk probability 2.1% • Three-class high probability 2.8% • Evidence score 0

Week 3: 2026-06-28 to 2026-07-04

MODERATE warning Confidence MODERATE • Summary UNCERTAIN

Predicted average 8.86 mg/m³ • 50% interval 5.70 to 12.03 mg/m³

High-risk probability 7.2% • Three-class high probability 15.5% • Evidence score 1

Historical Trend Summary

Recent observations per environmental metric, summarized for readability.

Chlorophyll-a

Unit mg/m³

7.36 mg/m³

Samples 60 • Valid 23

Min 2.82 • Max 12.24

Recent observations

Jun 13 7.36 • Jun 06 8.00 • Jun 02 6.26 • Jun 01 2.82

Water Temperature

Unit °C

28.84 °C

Samples 60 • Valid 60

Min 27.70 • Max 28.94

Recent observations

Jun 13 28.84 • Jun 12 28.94 • Jun 11 28.87 • Jun 10...

Air Temperature

Unit °C

27.84 °C

Samples 60 • Valid 60

Min 25.70 • Max 28.49

Recent observations

Jun 13 27.84 • Jun 12 28.42 • Jun 11 27.74 • Jun 10...

Radiation

Unit W/m²

182.20 W/m²

Samples 60 • Valid 58

Min 125.86 • Max 333.54

Recent observations

Jun 11 182.20 • Jun 10 316.94 • Jun 09 255.13 • Jun...

Precipitation

Unit mm

0.30 mm

Samples 60 • Valid 55

Min 0.00 • Max 30.50

Recent observations

Jun 08 0.30 • Jun 07 0.00 • Jun 06 0.00 • Jun 05 2.30

Tidal Range

Unit m

0.67 m

Samples 60 • Valid 60

Min 0.27 • Max 0.79

Recent observations

Jun 13 0.67 • Jun 12 0.64 • Jun 11 0.57 • Jun 10 0.47

Wind Speed

Unit m/s

7.29 m/s

Samples 60 • Valid 60

Min 2.67 • Max 9.11

Recent observations

Jun 13 7.29 • Jun 12 4.84 • Jun 11 4.25 • Jun 10 4.57