

Hawaii Surf Forecast

Generated on October 04, 2025 at 11:27

Main Forecast

Summary:

Primary NW swell building Sat 10:50 HST and peaking Sat 10:50 HST keeps the North Shore in the **31-47 ft** zone. Secondary NNW lines hold **29-43 ft** faces building Sat 10:40 HST and peaking Sat 10:40 HST. Secondary ENE lines hold **22-33 ft** faces building Sat 10:50 HST and peaking Sat 10:50 HST. Trade winds from the 60 at 15 kt keep mornings cleaner than afternoons. Forecast confidence sits at 0.7/1.0 with good data coverage.

Details:

- NW swell (14s) delivers **31-47 ft** faces building Sat 10:50 HST and peaking Sat 10:50 HST with strongest impact on North Shore.
- NNW swell (14s) delivers **29-43 ft** faces building Sat 10:40 HST and peaking Sat 10:40 HST with strongest impact on North Shore.
- SSE swell (15s) delivers **12-18 ft** faces building Sat 10:30 HST and peaking Sat 10:30 HST with strongest impact on South Shore.
- SSW swell (15s) delivers **10-16 ft** faces building Sat 10:30 HST and peaking Sat 10:30 HST with strongest impact on South Shore.
- ENE swell (7s) delivers **22-33 ft** faces building Sat 10:50 HST and peaking Sat 10:50 HST with strongest impact on South Shore.
- ENE swell (6s) delivers **22-33 ft** faces building Sat 10:50 HST and peaking Sat 10:50 HST with strongest impact on South Shore.
- NNW swell (10s) delivers **13-20 ft** faces building Sat 10:26 HST and peaking Sat 10:26 HST with strongest impact on North Shore.
- E swell (6s) delivers **21-31 ft** faces building Sat 10:56 HST and peaking Sat 10:56 HST with strongest impact on South Shore.

- ENE swell (7s) delivers **16-24 ft** faces building Sat 10:26 HST and peaking Sat 10:26 HST with strongest impact on South Shore.

North Shore Snapshot:

NW energy keeps **31-47 ft** faces Sat 10:50 HST-Sat 10:50 HST with moderate confidence. Watch for NNW background lines around Sat 10:40 HST-Sat 10:40 HST holding **29-43 ft** faces. Watch for ENE background lines around Sat 10:50 HST-Sat 10:50 HST holding **22-33 ft** faces. Watch for ENE background lines around Sat 10:50 HST-Sat 10:50 HST holding **22-33 ft** faces. Watch for E background lines around Sat 10:56 HST-Sat 10:56 HST holding **21-31 ft** faces. Watch for ENE background lines around Sat 10:26 HST-Sat 10:26 HST holding **16-24 ft** faces. Watch for NNW background lines around Sat 10:26 HST-Sat 10:26 HST holding **13-20 ft** faces.

South Shore Snapshot:

SSE energy keeps **12-18 ft** faces Sat 10:30 HST-Sat 10:30 HST with moderate confidence. Watch for SSW background lines around Sat 10:30 HST-Sat 10:30 HST holding **10-16 ft** faces.

Outlook:

Expect Fall pattern with early season nw swells begin to arrive. transition period with improving conditions as winter approaches. up north and end of south swell season with decreasing activity and size. in town patterns to hold. North Shore stays active through the next couple of days while South Shore trends toward seasonal background. Monitor new NDBC runs for updates.

North Shore Forecast

North Shore leans on a NW swell delivering **31-47 ft** faces and **15.7ft** Hawaiian Hawaiian scale surf through Sat 10:50 HST. North Shore sees 60 trades around 15 kt; aim for morning windows before onshores roughen the faces. Secondary energy from NNW holds **29-43 ft** faces (**14.4ft** Hawaiian Hawaiian) with the best window Sat 10:40 HST-Sat 10:40 HST Secondary energy from ENE holds **22-33 ft** faces (**11.2ft** Hawaiian Hawaiian) with the best window Sat 10:50 HST-Sat 10:50 HST Secondary energy from ENE holds **22-33 ft** faces (**11.2ft** Hawaiian Hawaiian) with the best window Sat 10:50 HST-Sat 10:50 HST Secondary energy from E holds **21-31 ft** faces (**10.5ft** Hawaiian Hawaiian) with the best window Sat 10:56 HST-Sat 10:56 HST Secondary energy from ENE holds **16-24 ft** faces (**7.9ft** Hawaiian Hawaiian) with the best window Sat 10:26 HST-Sat 10:26 HST Secondary energy from NNW holds **13-20 ft** faces (**6.6ft** Hawaiian Hawaiian) with the best window Sat 10:26 HST-Sat 10:26 HST Mix of reefs and sandbars respond similarly today. North Shore sees 60 trades around 15 kt; aim for morning windows before onshores roughen the faces. Overall confidence checks in at 0.7/1.0; expect typical seasonal variability.

South Shore Forecast

South Shore leans on a SSE swell delivering **12-18 ft** faces and **5.9ft** Hawaiian Hawaiian scale surf through Sat 10:30 HST. South Shore sees 60 trades around 15 kt; aim for morning windows before onshores roughen the faces. Secondary energy from SSW holds **10-16 ft** faces (**5.2ft** Hawaiian Hawaiian) with the best window Sat 10:30 HST-Sat 10:30 HST Mix of reefs and sandbars respond similarly today. South Shore sees 60 trades around 15 kt; aim for morning windows before onshores roughen the faces. Overall confidence checks in at 0.7/1.0; expect typical seasonal variability.

Daily Forecast

Today (2025-10-04): Fall pattern with early season nw swells begin to arrive. transition period with improving conditions as winter approaches. up north and end of south swell season with decreasing activity and size. in town North Shore: **31-47 ft** faces from the NW swell, peak window Sat 10:50 HST-Sat 10:50 HST. South Shore: **12-18 ft** faces with SSE energy, best mid-morning Sat 10:30 HST-Sat 10:30 HST. Trade winds from the 60 at 15 kt keep mornings cleaner than afternoons. High tide at 2025-10-03T23:20:00Z (**2.1 ft**) and at 2025-10-03T23:21:00Z (**2.1 ft**) and at 2025-10-03T23:22:00Z (**2.1 ft**), low tide at 2025-10-04T06:07:00Z (**0.2 ft**) and at 2025-10-04T06:08:00Z (**0.2 ft**) and at 2025-10-04T06:09:00Z (**0.2 ft**). Target dawn patrol for clean faces before trades rise after lunch; town reefs handle winds best.

Historical Comparison

Compared with **forecast_20251004_112428** generated on 2025-10-04T11:24:28.771787:

- Confidence up 0.00 since the previous run.

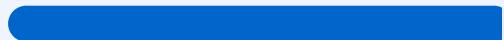
Forecast Confidence

Overall confidence: 0.7/1.0



Confidence Factors

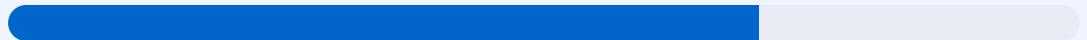
Data Freshness: 1.0



Source Diversity: 0.3



Source Agreement: 0.7



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