

Daily Coring and Scientific Report for IODP Expedition 389 Hawaiian Drowned Reefs

17th September 00:00 - 24:00 HST Hawaii Standard Time (UTC -10)



1. Location at 24:00

Position 19°56.5435 N, 156°03.8512 W

Water Depth: approximately 417 m

2. Operations Report

A successful day coring, a total of 18.2 m to a depth of 33.9 mbsf. At midnight the final core barrel was in progress. All barrels were used, including 8 polycarbonate liners to full penetration.

3. Science Report

Processing of geochronology samples continued by the night shift Geochemistry team.

4. Core Recovery Details

Hole	M97C
Cores recovered	N/A
Drilled length (Coring, m)	18.2 m
Drilled length (Open hole, m)	N/A
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	33.90 m



5. Time Breakdown

00:00 – 24:00 Progressing in M97C by coring and casing.

6. Hours – no contractual implications can be made from these figures

In port	0.0
Transiting	0.0
Operating	24
Technical downtime	0.0
Weather downtime	0.0
Mobilisation	0.0

7. Weather

Mostly sunny, low cloud and haze to the east with good to partial visibility. Wave heights of 0.7 – 0.8 m and swell 0.6 – 0.7 m; wind direction ENE to SSE at 2 – 6 kts, gusting 6 - 14 kts; Temperature 24 - 27°C.

8. Planned Activity for the next 24 hours

Recover seabed corer to deck. Transit to KAW-06A for further coring at this location to give the science party an opportunity to examine the cores and determine future coring strategy at Site M97 (KAW-04B).

9. Health and Safety and Environmental

- Toolbox talks at 11:30 and 23:30 for all on shift. EPMs and Ops Manager attended Contractor Toolbox talk at 11.45 and EPMs at 23:50. Information disseminated to remainder of Science Party.

10. Photo(s) of the day



Co-Chief Scientist Jody Webster (L) and Sedimentologist Youri Hamon (R) examining core barrels on deck. Photo by MarleyParker@ECORD_IODP.