

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

8th September 00:00 - 24:00 HST Hawaii Standard Time (UTC -10)

1. Location at 24:00

Position 19° 56.5462 N, 156° 03.7879 W

Water Depth: approximately 414 m

2. Operations Report

Rotary cored from 1.1 to 17.3 mbsf. Alternate hard and softer layers were encountered in the upper depths before settling on a period of steady coring rate.

3. Science Report

Cores from Hole M96D were measured with the MSCL and described by the core description team.

4. Core Recovery Details

Hole	M97A
Cores recovered	N/A
Drilled length (Coring, m)	N/A
Drilled length (Open hole, m)	N/A
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	17.3

5. Time Breakdown

00:00 – 24:00 Rotary coring Hole M97A

6. Hours (inc. cumulative total) – 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

Fair, sunny, very good visibility, wave heights of 0.6 – 0.9 m and swell 0.4 – 0.6 m; wind direction variable at 0 – 7 kts, gusting 8 - 14 kts; Temperature 25 - 27°C.

8. Planned Activity for the next 24 hours

- Continue coring at Site M97A.

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



Photograph by ELB © ECORD_IODP. Sunrise over Hawaii on Expedition 389.