

25th Oct 00:00 – 25th Oct 24:00 EET Eastern European Time (UTC+2)

1. Location

Position 38° 8' 41.802" N, 22° 45' 30.251" E
IODP-MSP borehole M0078A
Prospectus borehole COR-02A
Water Depth: 859.50 m

2. Science Report

Onboard, preliminary characterization of cores from the upper ~90 m of M0078A is ongoing. The cores recovered during the last day appear to record variations in depositional processes and paleoenvironment within the most recent lacustrine stage in the Gulf of Corinth. The Co-Chiefs also successfully delivered a science talk and progress report to the ECORD Council/ESSAC meeting in Southampton, UK live from the ship.

3. Core Recovery Details

Hole	M0078A
Cores recovered	15
Drilled length (Coring, m)	46.25
Drilled length (Open hole, m)	0
Recovered length (m)	37.72
Recovery (%)	82%
Depth at midnight (mbsf)	90.04

4. Time Breakdown

00:50 Core on deck
02:25 Core on deck
03:48 Core on deck
05:00 Core on deck
06:45 Core on deck
08:00 Core on deck
09:15 Core on deck
11:30 Core on deck
12:55 Core on deck
14:20 Core on deck
16:00 Core on deck
17:45 Core on deck
19:20 Core on deck
20:35 Core on deck
22:00 Core on deck
22:30 Recovery of seabed frame begins

5. Hours (inc. cumulative total) – no contractual implications can be made from these figures

In port	0.0
Transiting	0.0
Operating	22.5
Technical downtime	1.5
Weather downtime	0.0
Other downtime (specify)	0.0

6. Weather

Sunny with occasional cloud cover. Highs of 19°C, with gusts of up to 18 km/h from the ENE. Calm seas with <0.5 m wave heights.

7. Planned Activity for the next 24 hours

SEADEVIL testing and continue with coring at site M0078A.

8. Health and Safety and Environmental

N/A

9. Photo of the day



Core on deck! ESO Curator Patricia Gepreags and Drilling Coordinator Apos Tsiligiannis sectioning core (ELeBer©ECORD_IODP).