

26<sup>th</sup> Oct 00:00 – 26<sup>th</sup> 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 recovered from M0078A is ongoing. The cores recovered during the last day exhibit variations in microfossil assemblages and color, and appear to record the deepest part of the most recent lacustrine stage in the Gulf of Corinth and the transition back to a marine environment at greater depths.

### 3. Core Recovery Details

|                               |        |
|-------------------------------|--------|
| Hole                          | M0078A |
| Cores recovered               | 5      |
| Drilled length (Coring, m)    | 19     |
| Drilled length (Open hole, m) | 0      |
| Recovered length (m)          | 16.63  |
| Recovery (%)                  | 88%    |
| Depth at midnight (mbsf)      | 109.04 |

### 4. Time Breakdown

00:00 Recovering SEADEVIL.  
02:20 SEADEVIL recovered to deck  
12:25 Redeploy SEADEVIL.  
15:25 Coring begins.  
16:00 Core on deck.  
17:15 Core on deck.  
18:45 Core on deck.  
19:45 In-situ temperature measurement taken.  
21:15 Core on deck.  
22:45 Core on deck.

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

|                          |      |
|--------------------------|------|
| In port                  | 0.0  |
| Transiting               | 0.0  |
| Operating                | 9.0  |
| Technical downtime       | 15.0 |
| Weather downtime         | 0.0  |
| Other downtime (specify) | 0.0  |

### 6. Weather

Thick cloud cover with highs of 20°C. Gusts of up to 18 km/h from an easterly direction. Calm seas with <0.2 m wave heights.

### 7. Planned Activity for the next 24 hours

Continue with coring at site M0078A.

### 8. Health and Safety and Environmental

N/A

**9. Photo of the day**



*Dramatic sunrise on the night shift. GTulloch@ECORD\_IODP.*