

28<sup>th</sup> Oct 00:00 – 28<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

The onboard science party are starting to integrate their results over the 200 m of cored section sampled so far. Some of the cores recovered are gas rich, resulting in core expansion, due likely, to moderate organic matter content, potentially terrestrial, found within many of the cores.

### 3. Core Recovery Details

Hole	M0078A
Cores recovered	17
Drilled length (Coring, m)	37.0
Drilled length (Open hole, m)	0
Recovered length (m)	30.12
Recovery (%)	81%
Depth at midnight (mbsf)	199.14

### 4. Time Breakdown

00:05 Core on deck  
01:40 Core on deck  
02:55 Core on deck  
04:45 Core on deck  
06:20 Core on deck  
07:20 Core on deck  
08:40 Core on deck (no recovery)  
09:40 Core on deck (no recovery)  
11:30 Core on deck  
13:00 Core on deck (no recovery)  
14:15 Core on deck  
15:45 Core on deck  
17:15 Core on deck  
18:40 Core on deck  
20:15 Core on deck  
21:25 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	24.0
Technical downtime	0.0
Weather downtime	0.0
Other downtime (specify)	0.0

### 6. Weather

Cloudy with highs of 23°C and scattered showers. Winds up to 20 km/h, with gusts of up to 26 km/h from a westerly direction throughout the morning, switching to an easterly in the afternoon. Waves of <0.5 m high.

**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**



*Our first day time visit from the dolphins! ELeBer@ECORD\_IODP*