

16<sup>th</sup> Nov 00:00 – 16<sup>th</sup> Nov 24:00 EET Eastern European Time (UTC+2)

### 1. Location

Position 38° 9' 30.243" N, 22° 41' 43.316" E  
IODP-MSP borehole M0079A  
Prospectus borehole COR-01A  
Water Depth: 857.1 m

### 2. Science Report

The scientists continued their analysis of samples from the uppermost section of M0079A and attempting to identify the position of the most recent marine-lake transition (latest Pleistocene-Holocene) by combining the various datasets. Once new cores arrived, the normal core flow continued with comparisons between the sections of the 2 Site/3 Hole sections drilled so far.

### 3. Core Recovery Details

Hole	M0079A
Cores recovered	9
Drilled length (Coring, m)	35.70
Drilled length (Open hole, m)	0
Recovered length (m)	30.59
Recovery (%)	86%
Depth at midnight (mbsf)	99.00

### 4. Time Breakdown

00:45 Core on deck  
01:00 BHA on deck for inspection  
04:35 Running pipe in  
12:59 Coring recommences  
13:40 Core on deck  
14:30 Core on deck  
15:40 Core on deck  
16:45 Core on deck  
17:50 Core on deck  
19:20 Core on deck  
20:25 Core on deck  
21:30 Core on deck  
22:23 CPT/Temp probe test

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

In port	0.0
Transiting	0.0
Operating	14.0
Technical downtime	10.0
Weather downtime	0.0
Other downtime (specify)	0.0

### 6. Weather

Sunny during the morning and afternoon with highs of 19°C, thunderstorms and heavy rain coming in during the evening. Winds of 24 km/h from an ESE direction, and wave heights of ≤0.8 m.

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

Continue coring at Hole M0079A.

**8. Health and Safety and Environmental**  
N/A

**9. Photo of the day**



*Alex, Luzie and Vera enjoying a brief respite in coring operations  
(DSmith@ECORD\_IODP)*