

21st Nov 00:00 – 21st 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

By comparison of core description and analysis between Sites M0078 (a thinned section on a horst block) and M0079 (an expanded section within the main graben), the onboard scientists have been making tentative correlations of distinctive marker horizons and intervals/beds identified in the most recent syn-rift unit in both sites.

3. Core Recovery Details

Hole	M0079A
Cores recovered	14
Drilled length (Coring, m)	67.50
Drilled length (Open hole, m)	0
Recovered length (m)	65.56
Recovery (%)	97%
Depth at midnight (mbsf)	400.50

Table 1 - Daily progress

Hole	M0078A	M0078B	M0079A	M0080A (tbc)
Status	Complete	Complete	Current	Planned
Cores recovered	176	15	94	N/A
Drilled length (Coring, m)	610.43	55.85	400.50	N/A
Drilled length (Open hole, m)	0	0	0	N/A
Recovered length (m)	533.99	52.17	353.40	N/A
Recovery (%)	87%	93%	88%	N/A
Final depth / Depth at midnight (mbsf)	610.43	55.85	400.50	N/A
Proposed site depth (mbsf)	750.00	N/A	750.00	479.00

Table 2 - Expedition progress to-date (*Table 2 will be compiled for the weekly report, following this entry)

4. Time Breakdown

01:25 Core on deck
03:15 Core on deck
04:55 Core on deck
06:35 Core on deck
08:20 Core on deck
10:00 Core on deck
11:50 Core on deck
13:40 Core on deck
15:20 Core on deck
17:05 Core on deck
18:50 Core on deck
20:35 Core on deck
22:25 Core on deck
23:50 Core on deck

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

In port	0.0
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Transiting	0.0
Operating	24.0
Technical downtime	0.0
Weather downtime	0.0
Other downtime (specify)	0.0

6. Weather

Sunny with a high of 15°C. Winds of up to 22 km/h from an ESE direction, switching to a westerly direction throughout the evening. Flat waters (<0.1 m high waves).

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



Liam the birthday boy, from the Fugro day shift (LMcNeill@ECORD_IODP)