

**Daily Drilling and Scientific Report for IODP Expedition 381
Corinth Active Rift Development 2017**



14th Dec 00:00 – 14th Dec 24:00 EET Eastern European Time (UTC+2)

1. Location

Position 38° 7' 12.1467" N, 23° 05' 10.6138" E
IODP-MSP borehole M0080A
Prospectus borehole COR-04B
Water Depth: 348.8 m

2. Science Report

Lithological variations in the deep part of M0080A are associated with large changes in physical properties in MSCS data. The shipboard science party held a group meeting to discuss highlights from the three sites and considerations for the OSP in Bremen.

3. Core Recovery Details

Hole	M0080A
Cores recovered	6
Drilled length (Coring, m)	19.60
Drilled length (Open hole, m)	0
Recovered length (m)	15.85
Recovery (%)	81%
Depth at midnight (mbsf)	529.40

4. Time Breakdown

02:25 Core on deck
05:25 Core on deck
09:15 Core on deck
12:50 Core on deck
18:50 Core on deck
21:30 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

Sunny with a high of 17°C, and winds of up to 60 km/h from a WNW direction. Wave heights of ≤0.8 m.

7. Planned Activity for the next 24 hours

Finish coring at Site M0080 and begin logging operations.

8. Health and Safety and Environmental

N/A

9. Photo of the day



*Marcie Phillips (micropaleontologist) and Rob Gawthorpe (sedimentologist) loving the science!
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