

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



22nd Nov 00:00 – 22nd 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

Shipboard geochemists are making preliminary comparisons of the observation of pyrite in the cores and zinc sulfide precipitate in pore-fluid split samples for characterization of sulfur cycling.

3. Core Recovery Details

Hole	M0079A
Cores recovered	11
Drilled length (Coring, m)	52.90
Drilled length (Open hole, m)	0
Recovered length (m)	52.34
Recovery (%)	99%
Depth at midnight (mbsf)	453.40

4. Time Breakdown

00:44 CPT/temp measurement taken
03:25 Core on deck
05:25 Core on deck
07:20 Core on deck
09:00 Core on deck
11:00 Core on deck
13:20 Core on deck
15:05 Core on deck
16:55 Core on deck
18:55 Core on deck
21:00 Core on deck
23:20 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 16°C. Winds of up to 37 km/h from a NW direction, switching to a westerly direction throughout the evening. Wave heights of ≤0.3 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



Sunset from the helideck (LMcNeill @ECORD_IODP)