

Daily Drilling and Scientific Report for IODP/ICDP Expedition 364
Chicxulub Impact Crater 2016



24th May 00:00 - 24:00 CDT (UTC -5)

1. Location

Position 21 Deg 27.009' N, 89 Deg 56.962' W
IODP-MSP borehole M0077A
Prospectus borehole Chix-03B
Water Depth: 19.8 m

2. Operations Report

Coring continued from the previous day and progressed uninterrupted throughout the day. The 12 cores collected were of excellent quality and 100% recovery was achieved. The day ended at a depth of 1291.29 mbsf, having advanced the hole by 35.75 m.

3. Science Report

Continued in the melt and melt breccia for the whole day.

4. Core Recovery Details

Hole	M0077A
Cores recovered	12
Drilled length (Coring, m)	35.75
Drilled length (Open hole, m)	0
Recovered length (m)	36.26
Recovery (%)	100
Depth at midnight (mbsf)	1291.29

5. Time Breakdown

00:00 Continue coring
00:15 Core on deck
02:00 Core on deck
03:40 Core on deck
05:35 Core on deck
07:40 Core on deck
09:35 Core on deck
11:50 Core on deck
14:05 Core on deck
17:10 Core on deck
18:50 Core on deck
21:00 Core on deck
23:10 Core on deck
24:00 Continue coring

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

In port	13.0
Transiting	3.0
Operating	894
Technical downtime	123
Weather downtime	0.0
Other downtime (specify)	0.0

7. Weather

Fair, cloudy, humid, wave heights of 0.5 – 0.8 m; wind E 15 Kts, Temperature 27-34°C.

8. Planned Activity for the next 24 hours

Continue coring.

9. Health and Safety and Environmental
N/A

10. Photo of the day



Image: GTulloch©ECORD_IODP