2018 RASC-AL Special Edition: Mars Ice Challenge Test Bed & Ice Block Post-Competition Status

Northeastern University (1st Place) Test Bed & Ice Block

Northeastern extracted 1370 mL of water the first day, and 1839 mL of water the second day (3209 mL total)
Their bottom ice block can be seen on the top of the image on the right.

West Virginia University MIDAS II (2ⁿᵈ Place) Test Bed & Ice Block

WVU's MIDAS II officially extracted 755.5 mL of water the first day, and 104 mL of water the second day (895.5 mL total). However, they suffered a mechanical failure on the second day, which by rule caused them to stop collecting water for the competition. After repairing their failed components, this team continued operating to see how much water could be produced in the same time as the other teams. This West Virginia team was able to collect an additional 3330 ml of water, bringing their unofficial total to 4189.5 mL over the two days of the competition.

Alfred University Test Bed & Ice Block

Alfred University was able to extract an ice core, but it did not count for points during the competition.

Carnegie Mellon University Test Bed & Ice Block

CMU experienced structural issues that prevented the necessary down-force needed to cut out any ice

Colorado School of Mines Test Bed & Ice Block

Colorado School of Mines extracted 61.5 mL of water the first day, and 78 mL of water the second day
(139.5 mL of water total)

Massachusetts Institute of Technology Test Bed & Ice Block

MIT harvested 56.5 mL of water on the first day of the competition, and 0 mL of water on the second day.

Rowan University Test Bed & Ice Block

Rowan University was unable to extract any water due to controller issues that led to a non-functional machine.

University of Tennessee Knoxville Test Bed & Ice Block

UTK harvested 0 mL of water the first day, and 47 mL of water on the second day of the competition.

Virginia Tech Test Bed & Ice Block

Virginia Tech was unable to drill into their test bed.

West Virginia University IS-ICE Test Bed & Ice Block

WVU's IS-ICE was unable to extract water due to unstable structure and positioning systems.