



Enigmatic Canyon Dunes

ESP_052737_1645

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This image shows a cross-section of ancient canyon systems in east Coprates Chasma, and displays several generations of wind-driven dunes and ripples. Other areas along the canyon wall have larger bedforms that show a very different appearance. Although they have a spacing that would make them similar to typical Martian sand dunes, many display superposed craters, indicating they have not migrated for a very long time, possibly hundreds of thousands of years. (NASA/JPL/University of Arizona)