

Spirit Checking Korolev

August 21 2006

Spirit is healthy and continues to make progress on its winter science campaign. Spirit is finishing the "McMurdo mega-panorama" by acquiring touch-up images (dubbed "grout" by engineers). Spirit is nearly complete with the coverage of the ground around the rover.

Spirit continues making a series of atmospheric observations at the same time each day.

Spirit is collecting about 280 watt-hours of electrical power each sol from the rover's solar array (100 watt-hours is the amount of electricity needed to light one 100-watt bulb for one hour).

Sol-by-sol summaries:

Sol 929 (Aug. 14, 2006): Spirit studied a target called "Halley Brunt" with the panoramic camera and microscopic imager.

Sol 930: Spirit took a tau measurement, an observation during which the rover evaluates atmospheric opacity to estimate dust height.

Sol 931: Spirit took pictures with the panoramic camera of targets named "Korolev" and "McMurdo grout 10." Spirit also used the panoramic camera to take a tau measurement.

Sol 932 (Aug. 17, 2006): Spirit took a tau measurement with the panoramic camera, surveyed the sky and ground with the miniature thermal emission spectrometer, and took measurements of a target

named "Vernadsky" along with a background stare with the miniature thermal emission spectrometer.

Odometry:

As of sol 932 (Aug. 17, 2006), Spirit's total odometry remained at 6,876.18 meters (4.27 miles).

Copyright 2006 by Space Daily, Distributed by United Press International

Citation: Spirit Checking Korolev (2006, August 21) retrieved 27 April 2024 from <https://phys.org/news/2006-08-spirit-korolev.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.