

## THE ROVER ENVIRONMENTAL MONITORING STATION (REMS) OF THE MARS SCIENCE LABORATORY (MSL, NASA/JPL 2009).

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REMS will monitor the atmospheric conditions around the rover: Wind speed (intensity and direction), pressure, humidity, the ground temperature and the air temperature. Also the UV radiation will be recorded at six different bands. The science objectives of REMS range from the microscale dy-

namics to the mesoscale and synoptic dynamics. On the other hand, the information about the local water cycle and the local UV radiation environment will provide a basic link with the Astrobiology studies on Mars.

