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AMSR Milestones in Observations by Satellite-Borne Passive Radiometers

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Abstract

The Advanced Microwave Scanning Radiometer (AMSR) manufactured by the Japanese Aerospace Exploration Agency (JAXA) is a successor of the Microwave Scanning Radiometer (MSR) aboard the Earth Radiation Budget Observation Satellite-1 (MOS-1) launched in 1987. Two sensors were manufactured: AMSR aboard the Advanced Earth Observing Satellite (ADEOS-2) launched in December 2002, and AMSR-E aboard the Aqua satellite launched by NASA in May 2002. The observations by AMSR and AMSR-E with a high spatial resolution from 6 to 89GHz exceed those by previous sensors. In particular, a

by AMSR-E since the launch date provides a valuable data for monitoring the change of the Earth.

Keywords: [AMSR](#), [ADEOS-II](#), [AQUA](#), [SST](#), [SOIL](#)

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