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Four Decades of Microwave Satellite Soil Moisture Observations:  
Part 2. Product validation and inter-satellite comparisons

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**Highlights**

- Review of evolution of sensors and accuracy of microwave soil moisture retrievals
- Eight passive and two active soil moisture products are validated over the CONUS
- ISMN station data and VIC soil moisture simulations are considered as reference
- Coverage, spatio-temporal performance and inter satellite comparisons are discussed
- Observed significant growth in coverage and performance over past four decades

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