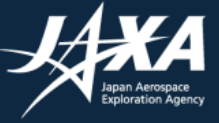


JAXA-NASA Collaboration Journey



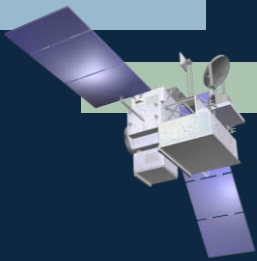
1995 2000 2005 2010 2015 2020 2025 2030 2035



1997 - 2015

TRMM/PR

The world's first spaceborne precipitation radar



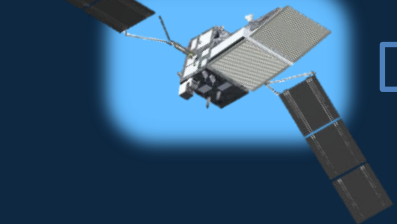
2014 -

GPM/DPR

The world's first spaceborne dual-frequency precipitation radar



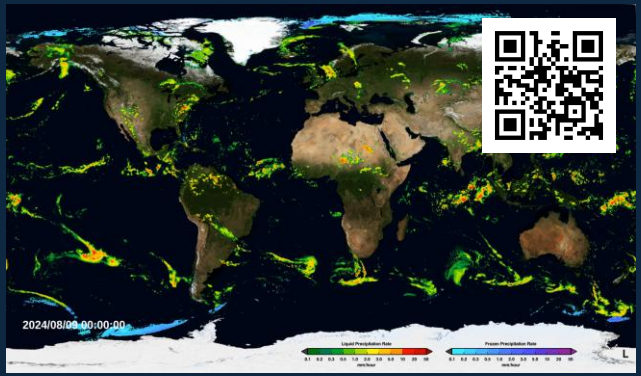
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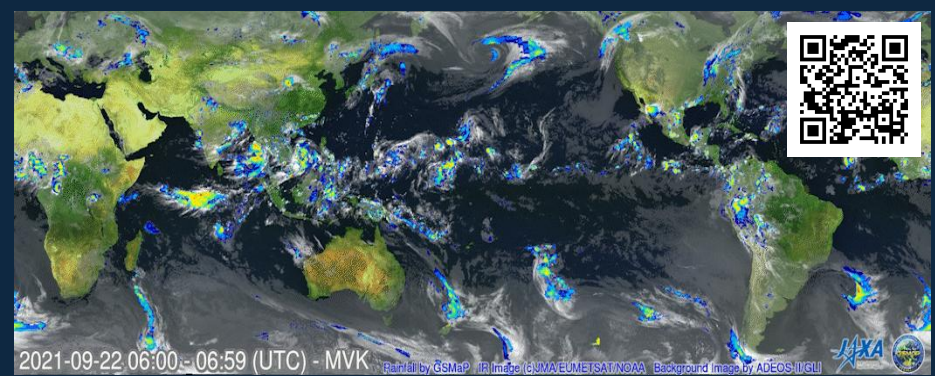
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PMM/KuDPR

The world's first spaceborne Doppler precipitation radar



IMERG Precipitation



GSMaP: Global Satellite Mapping of Precipitation

Leveraging this legacy, Japan-U.S. collaboration in Earth observation is advancing into a new era.

Precipitation Measuring Mission (PMM)



Ku-band Doppler Precipitation Radar
(KuDPR)



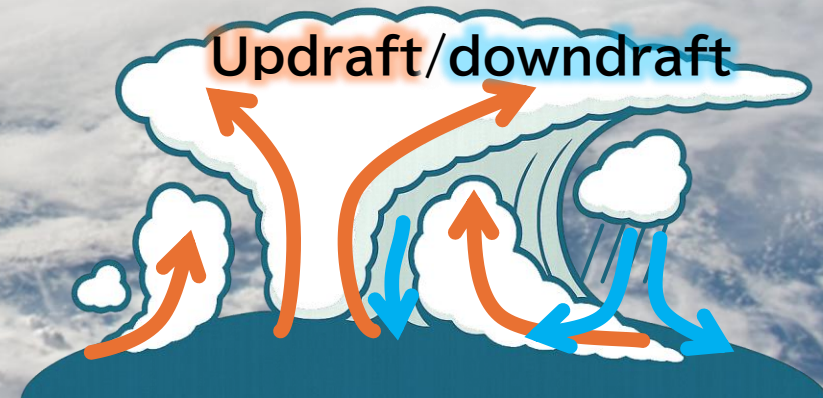
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NEW

Observation of
precipitation dynamics

3D Precipitation Observation

Ensuring continuity
beyond TRMM and GPM



Why Private-Public Partnership?



Prime Minister's office of Japan, 10 Nov, 2025, Council for Japan's Growth Strategy
<https://www.kantei.go.jp/jp/104/actions/202511/10seichyou.html>

More frequent & severe extreme weather/disasters
Expansion of business opportunities and economic growth

Catalyzing Multiple Observation Sources

Enabling Business Opportunities

Co-creating Solutions

