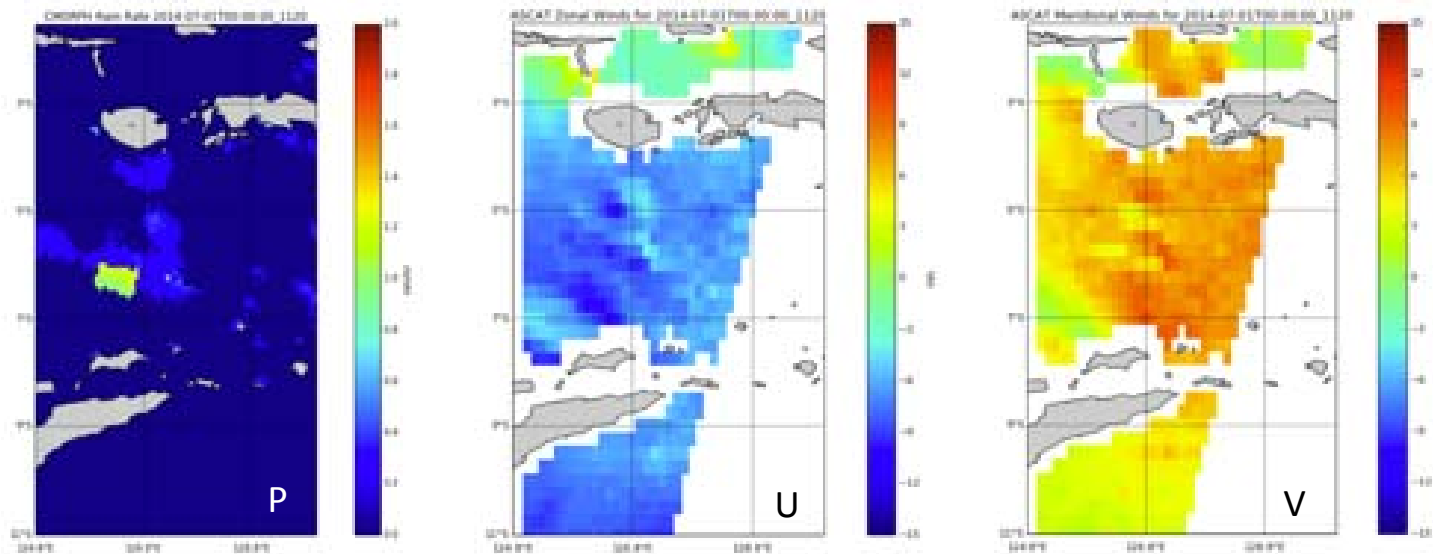


# Understanding Oceanic Heavy Precipitation using Scatterometer, Satellite Precipitation, and Reanalysis Products



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- Massive database of merged CMORPH precipitation, ASCAT vector winds, and MERRA reanalysis
- Precipitation Feature (PF) approach to organizing dataset;  $> 50 \times 10^6$  PFs in 2014 alone
- Currently being used to study the meteorological regimes of heavily precipitating PFs