RV Atalante EUREC4A-OA



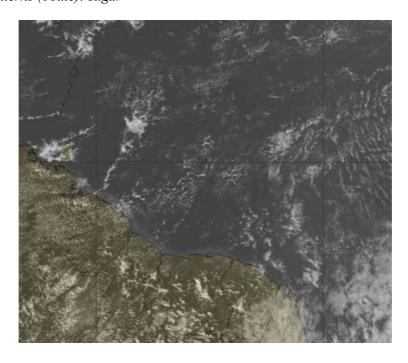
Daily cruise report (04 February 2020) Sabrina Speich, Chief Scientist

1. Objective

Today we recovered the 4 French drifters and started our route north. We continue our underway sampling.

2. Synoptic Situation

Quite strong trade winds in dry atmosphere. Sunny morning without clouds and a little more cloudy on the afternoon. Easterly wind 15-20kt. The waves are about 4-5 feet. Mesoscale cloud patterns (18utc): sugar



| Time (local) | Coverage | Types | remarks |
|--------------|----------|-------|---------|
| 0800 | 0/8 High | - | |
| | 1/8 Mid | Ac | |
| | 1/8 Low | Cu | |
| 1200 | 0/8 High | - | |
| | 1/8 Mid | Ac | |
| | 1/8 Low | Cu | |
| 1600 | 0/8 High | - | |
| | 3/8 Mid | Ac | |
| | 2/8 Low | Cu | |

Inter-calibration: No intercalibration today.

Autonomous systems deployed: 2 NOAA Drifters

Overflights: No overflights. We are too far south.

4. Instrument Status

All instruments seem to work well. Today Vaisala radiosounding reception was more stable.

5. Outlook

We will sail north to the deep Ring3 and first in the morning, we will work with 4 Saildrones.

6. Figures

