Comments from Public Consultation on ECV Requirements 13/01 – 13/03 2020 for:

# Ocean surface stress

## ECV Product: Ocean surface stress

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| **Name** | Ocean surface stress | | | | |
| **Definition** | The two-dimensional vector drag at the bottom of the atmosphere and the dynamical forcing at the top of the ocean | | | | |
| **Unit** | m/s | | | | |
| **Note** |  | | | | |
| **Requirements** | | | | | |
| **Item needed** | **Unit** | **Metric** | **[1]** | **Value** | **Derivation and References and Standards** |
| **Horizontal Resolution** | km |  | G | 10 |  |
| B |  |  |
| T | 100 |  |
| **Vertical Resolution** |  |  | G |  |  |
| B |  |  |
| T |  |  |
| **Temporal Resolution** |  |  | G | hourly |  |
| B |  |  |
| T | monthly |  |
| **Timeliness** | hour |  | G | 6 |  |
| B |  |  |
| T | 24 |  |
| **Required Measurement Uncertainty** |  |  | G |  |  |
| B |  |  |
| T |  |  |
| **Stability** |  |  | G |  |  |
| B |  |  |
| T |  |  |
| **Standards and References** |  | | | | |
| **Adaptation and Extremes** | | | | | |
|  | Relevant? (Yes/No) | Sugg. Req. sufficient? (Yes/No) | Explanation | | |
| **Adaptation[2]** |  |  |  | | |
| **Extremes[3]** |  |  |  | | |

[1]Goal (G); Breakthrough (B)(not mandatory, more as one possible); Threshold (T), for definitions see [Guidelines](http://tiny.cc/ecv-review)

[2] Is the ECV Product directly relevant to support Climate Adaptation?

[3] Can the ECV Product be used to monitor climate extremes or aspects of extremes?

### Comment 1

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| No changes from ECMWF | |