

# **Weather API 1.2.0**

## **Release note**

February 12<sup>th</sup>, 2019

# Index

## Feature extensions (internal)

Usage monitoring 3

Trial account handling 4

## Hardening

Migration from HAARP to AWS 5

Enhancing scalability 5

## Feature extensions (internal)

### Usage monitoring

All active contracts for API products using the Point Forecast and Point Observation service are monitored. By exporting these contract details from Salesforce and comparing them with daily usage counts from the API, automated usage reports are generated showing when users are exceeding their daily limits.

Attachments excluded for external usage.

Daily reports are sent to the product owner who informs the account managers to discuss with the customer to change query behavior or increase excepted limits by upsell.

## Trial handling

To optimize trial handling a new process has been introduced. We will differentiate 2 trial versions going forward:

Basic trial	Premium trial
Free	Free (for now)
Automatic expiry 30 days (fixed)	Tbd by accountmanager / PO
1.000 requests/day limit (fixed)	Tbd by accountmanager / PO
Restricted data (to be defined) Point Forecast / Point Observation Services	All data as being specified in trial contract

Within the API auth server the basic trial settings have been implemented. All basic trials will be implemented under the Organisation "Trial account" where the expiry will be set on 30 days by default. Within this organization all client ID's will be monitored and both the point Observation and Point Forecast service can only be queried 1.000 times a day. After that an automated message will be returned in the query mentioning the trial maximum for the day has been reached.

# Hardening

## Migration from HAARP to AWS

To enable AWS region failover for API products and services in the future multiple services have been migrated to use AWD instead of HAARP. This includes:

- The Elevation Service
- The Global Storm Forecast Service
- The Lightning Service
- The station Metadata Service
- The Weather Distribution Service

## Enhanced scalability

With the aim to enable further scalability of the API's and increasing the usage of the API's two improvements have been made to the usage of Elastic Search within the Point Observation Service. As a result the usage of Elastic Search is now 10 times more efficient.

