ISGI Web Service Usage

Example Requests

aa data for the last past 7 days in IAGA2002 format
http://isgi.unistra.fr/ws?user=your_user_name&index=aa
aa data from 2015-08-01 to 2015-08-31 in IAGA2002 format
http://isgi.unistra.fr/ws?user=your_user_name&index=aa&StartTime=2015-08-01&EndTime=2015-08-31

replacing your_user_name by the user name sent to you by ISGI chairman

Request Limits

To ensure availability for users, the web service restricts the amount of data that can be retrieved in one request. The amount of data requested is **limited to one year**.

Parameters

user

> **Required**
> The user name sent to you by ISGI chairman

index

> **Required**
> Index or event requested data
> Valid values: aa, am, Kp, Dst, PC, AE, SC, SFE, Qdays, CKdays

StartTime

> Time of first requested data
> Default: Current UTC day – 7 days
> Format: ISO8601 (YYYY-MM-DD)
> Example: 2017-05-01

EndTime

> Time of last requested data
> Default: Current UTC day
> Format: ISO8601 (YYYY-MM-DD)
> Example: 2017-05-09

format

> Output format
> Default: IAGA2002
> Valid values: IAGA2002
> *Other formats will be available later*

Output data

The data you will download via this web service are, for each geomagnetic index/event, the most successfully completed data on the period requested (definitive data are primarily taken into account, then the provisional and to finish the quicklook ones).

The data requested will be sent to you as a data archive (zip) file.

If an error occurs (due to bad parameters and/or a too large amount of data) or if there's no data available for the period requested, the service will return a text file describing the error.