



Poročilo o delu sekcije za geomagnetizem in aeronomijo v letu 2023

ČOP, Rudi

Zavod Terra Viva, Sv. Peter 115, 6333 Sečovelje /Sicciole

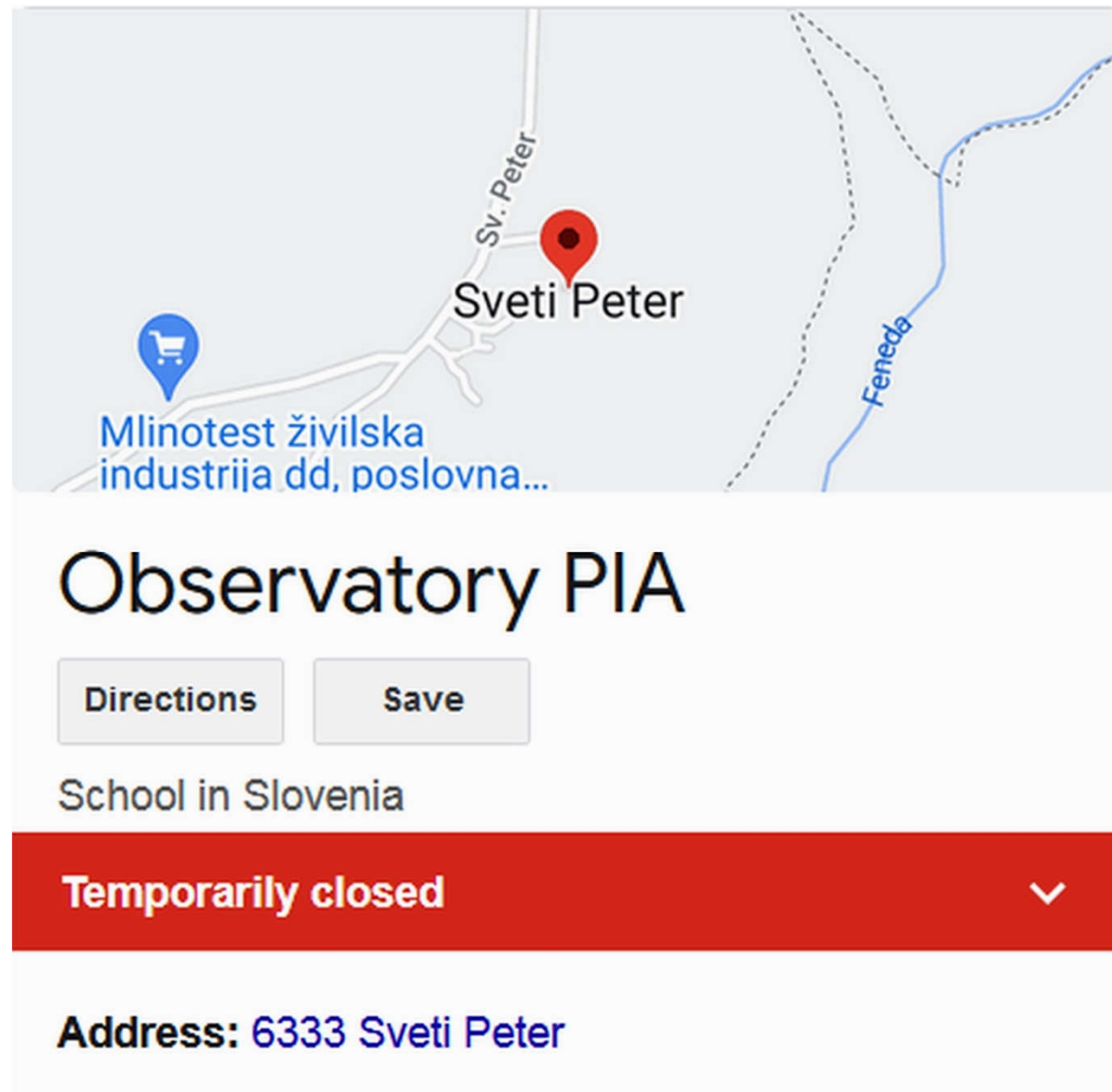
E-mail: rudi@artal.si

Redna letna skupščina SZGG

Raziskave s področja geodezije in geofizike – 2023

Ljubljana, 1. februar 2024

Google: 'Observatory PIA'



(Čop, 2017; Pavlovčič-Prešeren et al, 2020; Čop et al, 2021, Čop et al, 2022)

PIA (Piran Slovenia) je vključen v INTERMARNET od **1.1.2015**
preko
GIN (Geomagnetic Information Node) **EDI** (Edinburgh, Scotland).

World Data Centre for Geomagnetism, Edinburgh

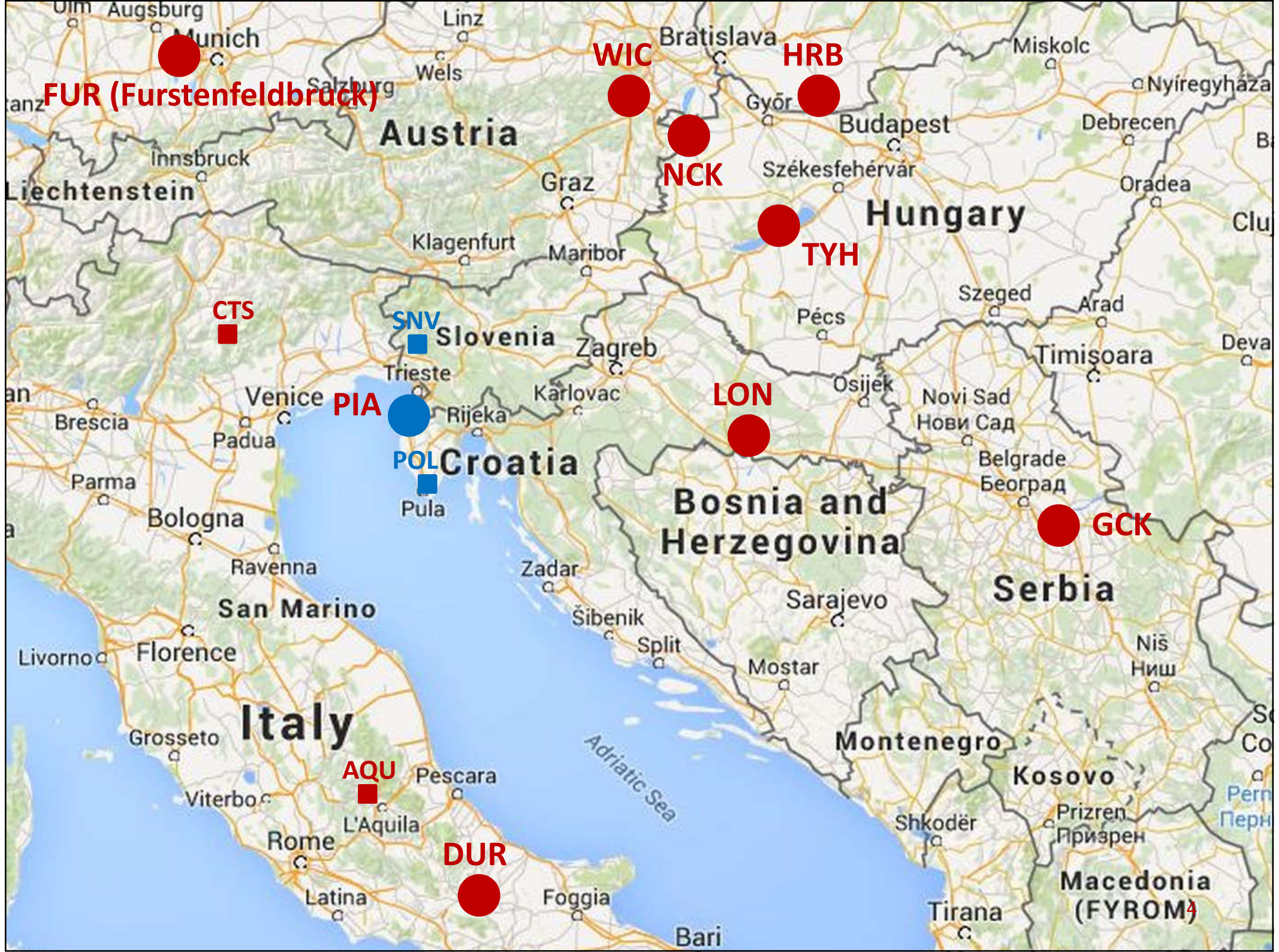
<<https://wdc.bgs.ac.uk/>>

List of Magnetic Observatories



British
Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

No.	Code	Generation	Name	Latitude	Longitude	Earliest annual	Latest mean	Status
573	PIA	1	Piran	45.5	13.7	2008		Provisional
588	POL	1	Pola	44.863	13.847	1881	1922	Closed



FUR (Furstenfeldbruck)

WIC

HRB

NCK

TYH

CTS

SNV

PIA

POL

LON

GCK

AQU

DUR



INTERMAGNET

GIN EDI (Edinburgh, Scotland)

Swedish Institute of Space Physics
Observatory **KIR** (Kiruna, Sweden)

ODE (Odesa, Ukraine)

PIA (Piran, Slovenia)

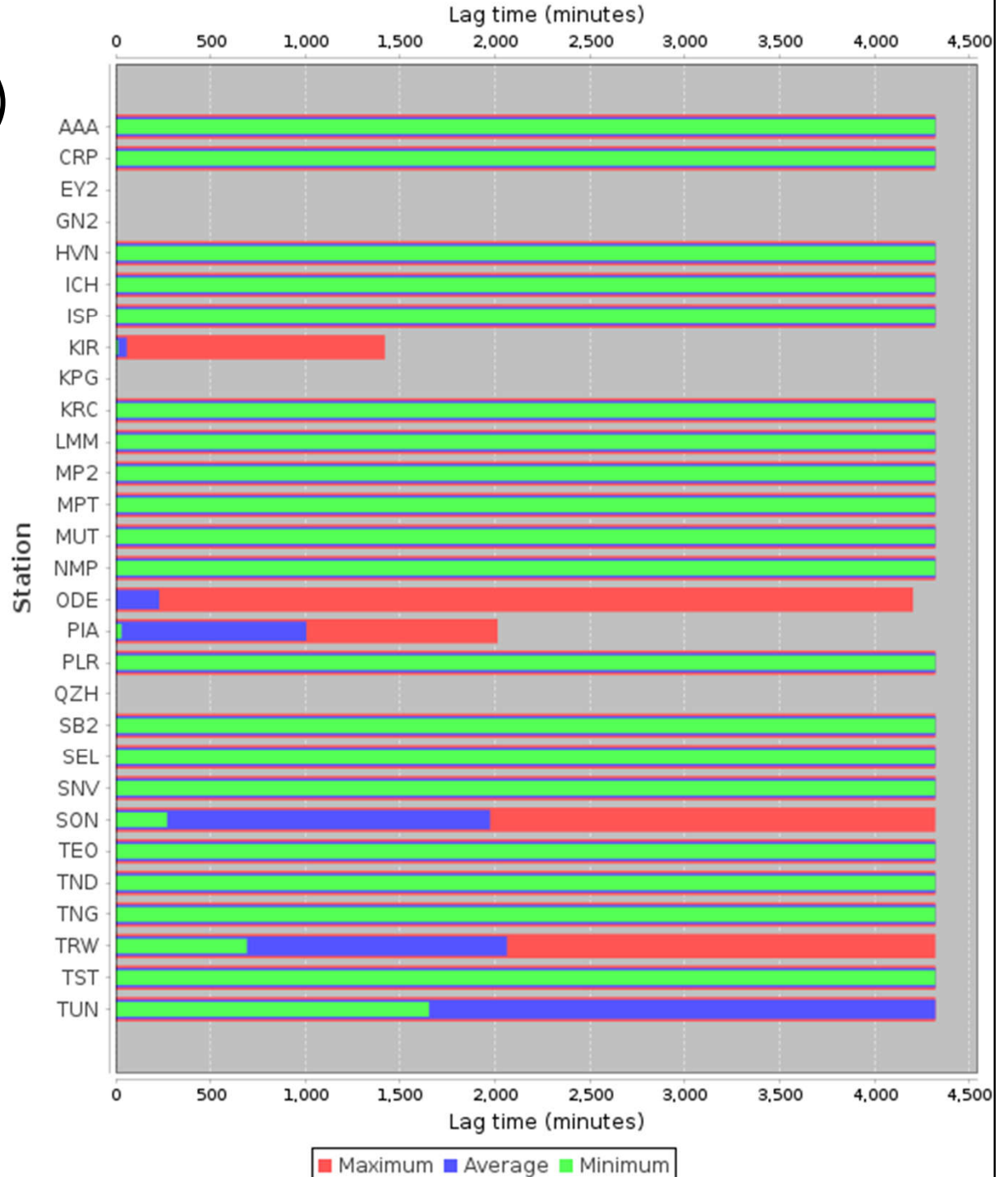
SON (Sonmiani, Pakistan)

TRW (Trelew, Argentina)

TUN (Tuntungan, Indonesia)

Average 'minute' data lag time Jan 1, 2024 to Feb 1, 2024

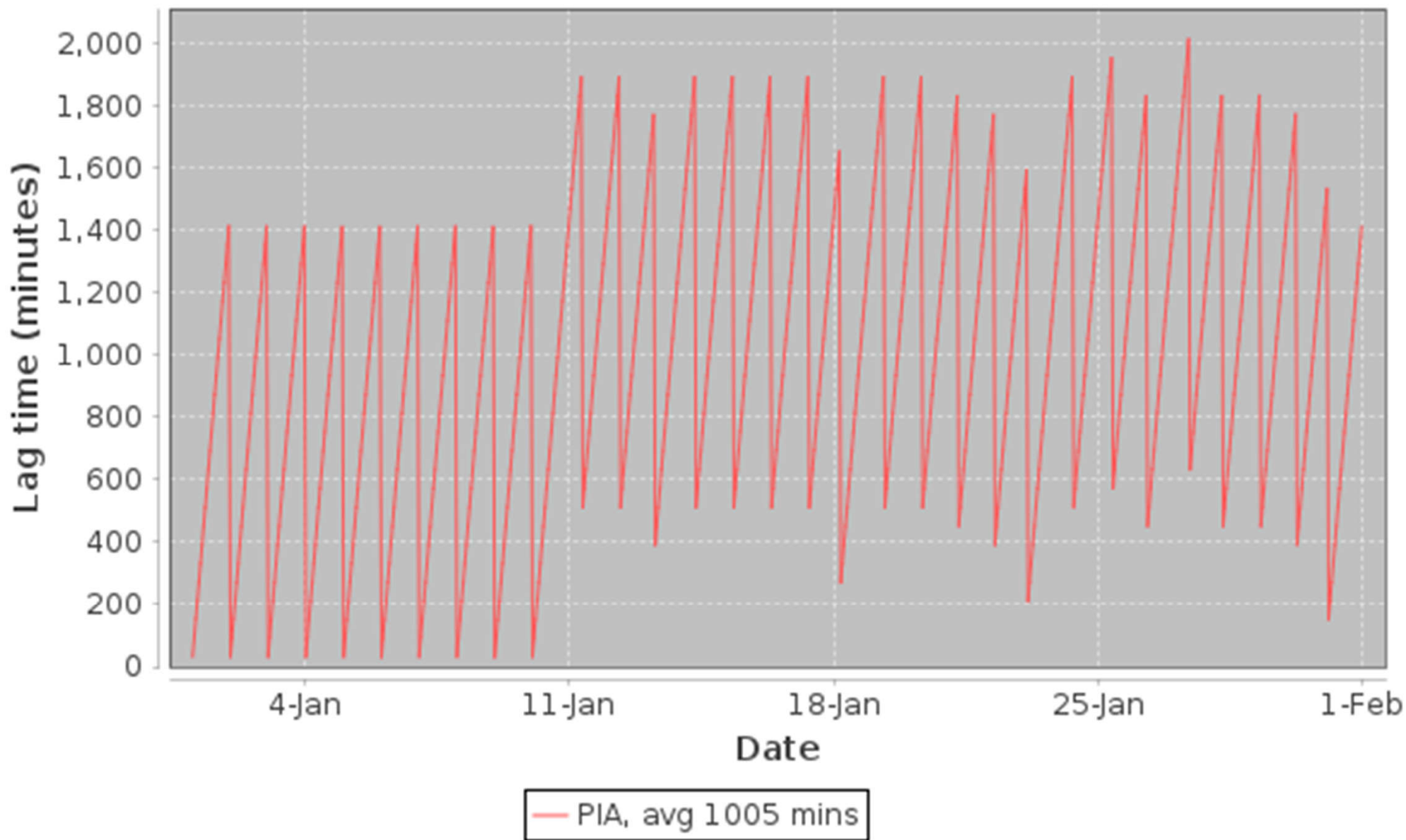
Lag times larger than 4320 will be displayed as 4320



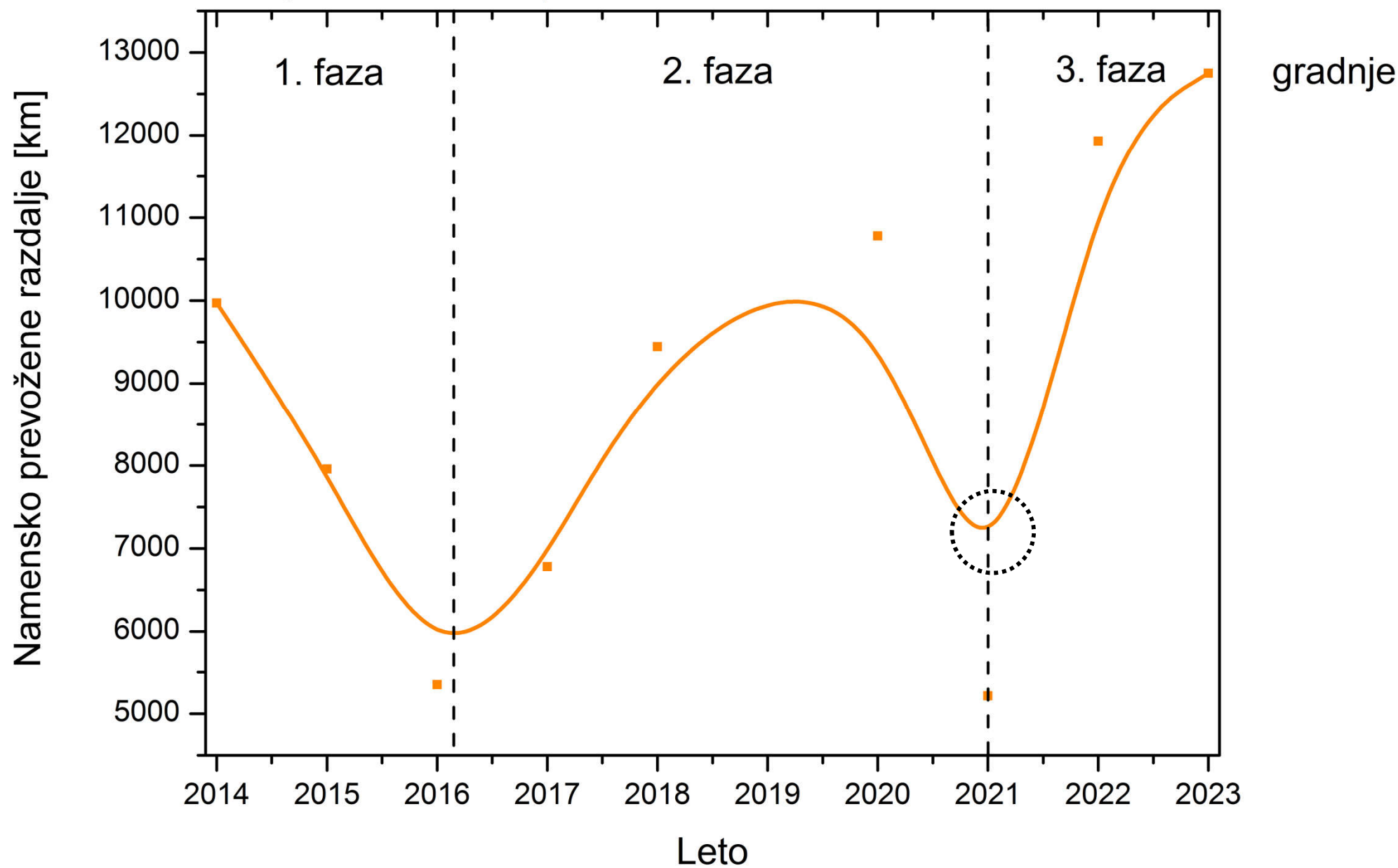


'Minute' data lag time Jan 1, 2024 to Feb 1, 2024

Lag times larger than 4320 will be displayed as 4320



PIA (Piran, Slovenia): 2014-2023



Sončni veter

Ionosfersko dinamo

Pojavi v magnetosferi

Magnetni impulzi

Magnetne variacije

Geomagnetni indeksi

~~Uporabna geofizika
Uporaba v tehniki
Napovedi~~

**Geomagnetni
observatorij**

Razvoj merilnih
instrumentov in
novih postopkov

Magnetne anomalije

Meritve magnetnega
polja in zemljevidi

Elektro-magnetna indukcija

Sekularne spremembe

Geomagnetno dinamo

Priporočilo, ki ga observatorij PIA izpolnjuje:
2 – 3 strokovna članka / leto in na raziskovalca.



**SLOVENSKO ZDRUŽENJE
ZA GEODEZIJO IN GEOFIZIKO**



HVALA ZA POZORNOST !