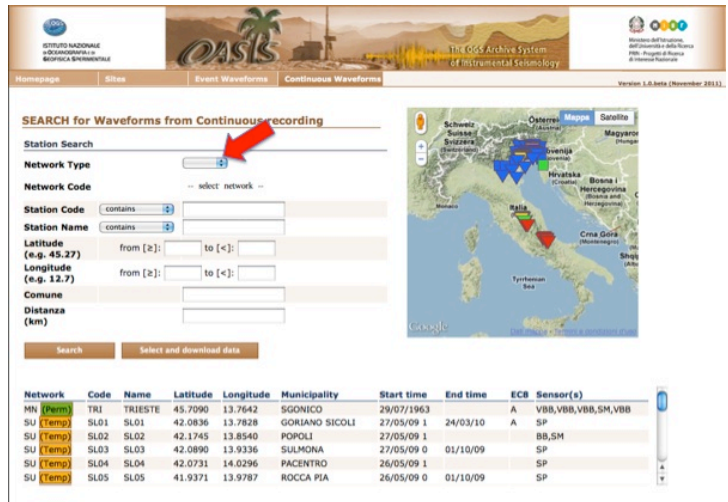


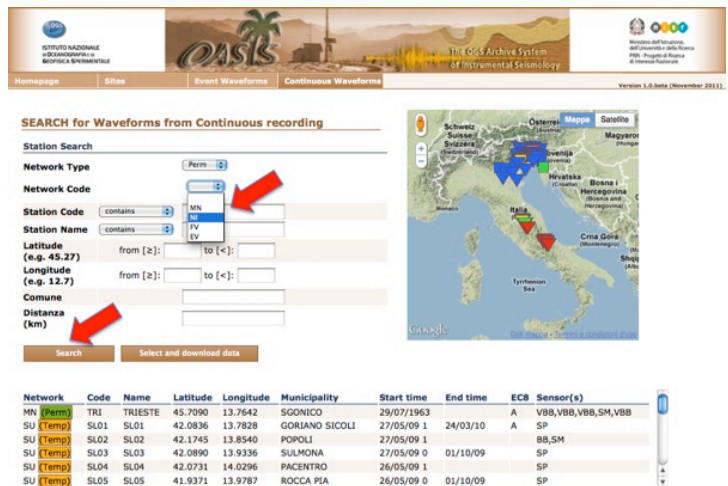
How to download continuous waveform data

(last update on October 26, 2011)

Go into the Continuous Waveforms page and select the Network Type you want to search data in (red arrow in the figure), i.e. either Permanent or Temporary network. Note that, the interactive map on the right side shows the position of all the stations present in the OASIS database. In addition, the list at the bottom summarizes the main information about each station.



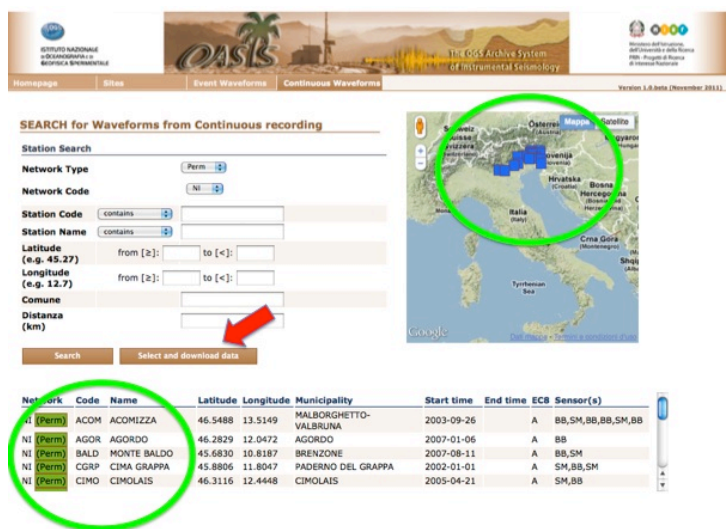
Go into the Continuous Waveforms page and select the Network Type you want to search data in (red arrow in the figure), i.e. either Permanent or Temporary network. Note that, the interactive map on the right side shows the position all the stations present in the OASIS database. In addition, the list at the bottom summarizes the main information about each station.



Once you have chosen the Network Type, the Network Code combo-box (i.e. drop-down menu) will light up.

Then, choose the Network Code and press Search (red arrows).

The map on the right side and the list of the stations at the bottom will update and show only the stations of the selected network (see green ellipses).



A new page will show the list of all available stations and a menu, at the bottom, for selecting the time interval. First, select the stations for which you want to get the data (upper red arrow). Then define a proper time window (red arrows beneath). Be careful to use UTC time.

The general availability of waveform data for each network can be seen at the [Network Description](#) page. However, we suggest you to check the availability of the waveform data for the selected time interval. To do that, press the "Check for Time Availability" button (red arrow).

The screenshot shows the OASIS web interface. At the top, there are navigation tabs: Home page, Sites, Event Waveforms, and Continuous Waveforms. Below this is a table titled "Download recording data" with columns: Network Code, Stat. code, Station Name, Latitude, Longitude, Municipality, ECB, Instr. type, Housing, and # of records. A red arrow points to the first row (ACOM). Below the table is a "Time Search [YYYY-MM-DD hh:mm:ss]" section with "Time from" and "Time to" fields. Red arrows point to the "Time from" field (2007-08-01 09:00:00) and the "Time to" field (2007-08-01 18:00:00). At the bottom of this section are three buttons: "Check for Time Availability", "Extract Mini Seed", and "Extract Sac".

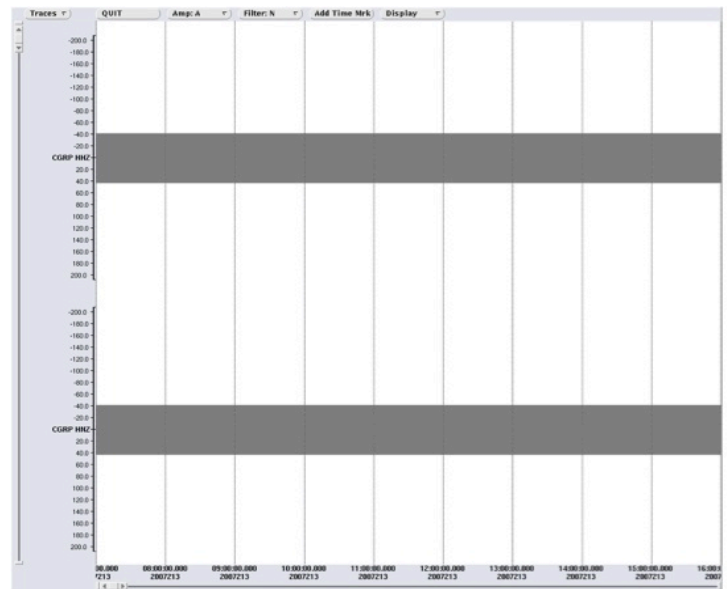
| Network Code | Stat. code | Station Name | Latitude | Longitude | Municipality | ECB | Instr. type | Housing | # of records |
|--------------|------------|-----------------|-----------|-----------|-----------------------|-----|-------------|------------|--------------|
| 2 | ACOM | ACOMIZZA | 46.548794 | 13.514900 | MALBORGHETTO-VALBRUNA | A | Digital | Gallery | 0 |
| 2 | AGOR | AGORDO | 46.282900 | 12.047200 | AGORDO | A | Digital | Building | 0 |
| 2 | BALD | MONTE BALDO | 45.583000 | 10.818700 | BRENZONE | A | Digital | Gallery | 0 |
| 2 | CGRP | CIMA GRAPPA | 45.805000 | 11.804700 | PADERNO DEL GRAPPA | A | Digital | Cave | 0 |
| 2 | CIMO | CIMOLAIS | 46.311628 | 12.444758 | CIMOLAIS | A | Digital | Cave | 0 |
| 2 | CLUD | CLUDINICO | 46.456900 | 12.881400 | DVARO | A | Digital | Pit | 0 |
| 2 | DRE | DRENCHIA | 46.173300 | 13.645000 | DRENCHIA | A | Digital | Pit | 0 |
| 2 | FUSE | FUSEA | 46.414153 | 13.001146 | TOLMEZZO | A | Digital | Box | 0 |
| 2 | MARN | MARANA | 45.637800 | 11.209900 | CRESPADORO | A | Digital | Building | 0 |
| 2 | MPR2 | MONTA PRAT 2 | 46.240000 | 12.987200 | FORGARIA NEL FRIULI | A | Digital | Box | 0 |
| 2 | PRED | CAVE DEL PREDIL | 46.442838 | 13.564985 | TARVISIO | A | Digital | Pit | 0 |
| 2 | SABO | MONTE SABOTINO | 45.987489 | 13.633693 | GORIZIA | A | Digital | Well | 0 |
| 2 | TOPO | TOPO | 46.198700 | 12.817000 | TRAVESIO | A | Digital | Pit | 0 |
| 2 | VARN | COL VARNADA | 45.993300 | 12.104800 | MEL | A | Digital | Cave | 0 |
| 2 | VINO | VILLANOVA | 46.256000 | 13.281000 | LUSEVERA | A | Digital | Cave | 0 |
| 2 | ZOUZ | ZOUZ PLAN 2 | 46.558395 | 12.972880 | CERCIVENTO | A | Digital | MDPE Shaft | 0 |

This button will launch a program that generates a graphical representation of the available data. During the execution of this program, the web page shows a message that tell the user to wait for the end of the program.

The screenshot shows the OASIS processing status page. At the top, there is a progress bar and the text "PLEASE WAIT. oasis is processing your request...". Below this, the "Current status" is "RUNNING" and the "Message" is "executing /home/oasis/bin/msd_oasis". The "Request info" section shows: "Request number" 58, "Session title" run-request-58, and "Processing started at" 2011-10-25 15:49:23. At the bottom, there is a "Check time availability" button.

The graphical representation of the available data will be shown in a new page. In this graph, the abscissas represent the time (UTC time and, below, the date in yyyyddd format, with ddd sequential day in the year), while the ordinates represent the channels. The grey bar, if present, represents the existence of data. Only vertical channels are shown (i.e., code *Z).

If the time window does not fit your expectations, choose another interval and check again.



Once the time window has been defined, press one of Download buttons. Here you can chose between miniseed and sac format.

Download recording data

| ? | Network Code | Stat. code | Station Name | Latitude | Longitude | Municipality | ECB | Instr. type | Housing | # of records |
|-------------------------------------|--------------|------------|-----------------|-----------|-----------|-----------------------|-----|-------------|------------|--------------|
| <input type="checkbox"/> | 2 | ACOM | ACOMEZZA | 46.548794 | 13.514900 | MALBORGHETTO-VALBRUNA | A | Digital | | 0 |
| <input type="checkbox"/> | 2 | AGOR | AGORDO | 46.282900 | 12.047200 | AGORDO | A | Digital | Gallery | 0 |
| <input type="checkbox"/> | 2 | BALD | MONTE BALDO | 45.683000 | 10.818700 | BRENZONE | A | Digital | Building | 0 |
| <input checked="" type="checkbox"/> | 2 | CGRP | CIMA GRAPPA | 45.880600 | 11.804700 | PADERNO DEL GRAPPA | A | Digital | Gallery | 0 |
| <input checked="" type="checkbox"/> | 2 | CIMD | CIMOLAIS | 46.311628 | 12.444758 | CIMOLAIS | A | Digital | Cave | 0 |
| <input type="checkbox"/> | 2 | CLUD | CLUDINICO | 46.456900 | 12.881400 | OVARO | A | Digital | | 0 |
| <input type="checkbox"/> | 2 | DRE | DRENCHIA | 46.173300 | 13.645000 | DRENCHIA | A | Digital | Pit | 0 |
| <input type="checkbox"/> | 2 | FUSE | FUSEA | 46.414153 | 13.001146 | TOLMEZZO | A | Digital | Box | 0 |
| <input type="checkbox"/> | 2 | HARL | MARANA | 45.637800 | 11.209900 | CRESPIADORO | A | Digital | Building | 0 |
| <input type="checkbox"/> | 2 | MPR2 | MONTE PRAT 2 | 46.240000 | 12.987200 | FORGARIA NEL FRUILLI | A | Digital | Box | 0 |
| <input type="checkbox"/> | 2 | PRED | CAVE DEL PREDIL | 46.442838 | 13.564985 | TARVISIO | A | Digital | | 0 |
| <input type="checkbox"/> | 2 | SABO | MONTE SABOTINO | 45.987489 | 13.633693 | GORIZIA | A | Digital | | 0 |
| <input type="checkbox"/> | 2 | TOPO | TOPO | 46.198700 | 12.817000 | TRAVESIO | | | Well | 0 |
| <input type="checkbox"/> | 2 | VARL | COL VARNADA | 45.993300 | 12.104800 | MEL | A | Digital | Pit | 0 |
| <input type="checkbox"/> | 2 | VINO | VILLANOVA | 46.256000 | 13.281000 | LUSEVERA | A | Digital | Cave | 0 |
| <input type="checkbox"/> | 2 | ZOU2 | ZOUF PLAN 2 | 46.558395 | 12.972880 | CERCIVENTO | A | Digital | MDPE Shaft | 0 |

Time Search [YYYY-MM-DD hh:mm:ss]

Time from: 2007-08-01 09:00:00

Time to: 2007-08-01 18:00:00

Buttons: Check for Time Availability, Extract Mini Seed, Extract Sac

A new waiting message, similar to the previous one, will appear. Wait till data are ready.

OASIS is processing...

PLEASE WAIT.

oasis is processing your request...

Current status: RUNNING

Message: executing /home/oasis/bin/sac_oasis

Request info

Request number: 60

Session title: run-request-60

Processing started at: 2011-10-25 15:56:57

Check time availability

At that point a new window will ask you to save data in your computer. Again be sure that the saving operation has been successfully completed before closing the web page up.

Apertura di trdisp-60.zip

È stato scelto di aprire

trdisp-60.zip

che è un: PC ZIP Archive

da: http://oasis.crs.inogs.it

Che cosa deve fare Firefox con questo file?

Aprirlo con Archive Utility (predefinita)

Salva file

Da ora in avanti esegui questa azione per tutti i file di questo tipo.

Buttons: Annulla, OK

After downloading, the file must be unzipped. You will find a folder with two subfolders, i.e. [Waveforms](#) and [Dataless](#), which contains the recorded signals and instrumental corrections, respectively.