

Further characterization of the Armazones 2k site

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Currently

- A 10 meter weather tower taking data effectively from May this year.
- Measuer: wind, temperature, humidity, pressure etc.
- Found that the wind speed is systematically lower than at the original Armazones site.

Equipment to be added

- Sun photometer
- All Sky Camera
- Seismometer
- 30 meter tower for wind profile measurement
- Web cameras

Status of preparations

- Construction contract signed the work to commence this week
- Anemometers and data logger bought and shipped to Chile
- Seismometer prepared in Warsaw
- Sun photometer purchase is finalized
- ASC ready – ask Dusan
- Web cameras tested in Prague and are shipped to Chile
- Solar power: 350 watt + 2 times 170 watt are ordered
- Communications bought tested and shipped

Construction

- Wind tower 30 meter high, 50 meters south of the 10 meter tower
- 40 meters east of the 10 meter tower:
 - Foundations for the sun photometer
 - Foundations for the seismometer
 - 2 meter mast for the ASC

Installation

- To take place on November 17-23
- Five people on site: Dusan, Mirek, Miroslav Hrabovsky, Mariusz Suchenek + TB
- Detailed plan of work in preparation, must be flexible

Things to worry about

- Install the anemometers on the tower
- We have no experience in installing the Sun photometers – hope we manage
- Construction takes place late – hope they finish on time,
- Consult with the DATA group on how to store the data
- Make sure that all logistics work fine for the installation