

## CURI

Site Name : <b>Curico permanent station</b>	Author : <b>Sylvain, Marianne, Max</b>
Site Code : <b><u>C</u> <u>U</u> <u>R</u> <u>I</u></b>	date : year <b>2010</b> month <b>03</b> day <b>09</b>
Coordinates : Lat. : 34.97718°S Lon. :71.22611 W Alt. : 248m	

## DESCRIPTION

Central-South Chili VII region, in the Curico city, on the unique cerro of the basin, topcon receiver and antenna set in a safe place with restricted access.

## MONUMENTATION

Brass 12 cm rod (Delmont type) scealed in bedrock + Brass rotating adaptor made at ENS (03/2010), height 44 mm.

## ACCESS

Take the 5 down to Curico, go straight to the city center and let the Homecenter sodimac on your left. Turn right on the main avenue to climb up to the hill in the Conde public park (pass an open gate). Cross the whole hill following the road and stop on your left in front of a house built near water tanks of the Nuevo Sur company. Ask the inhabitant of the house, a Nuevo Sur employee named Hector Gutierrez to open the gate. The Topcon installation is below the second water tank on the little cliff.

Contact : Felipe Leyton (U. de Talca, living in curico, prof. in the Ingeneering university of Curico) 92291844

Ana Maria Cisternas (resp. Nuevo Sur Curico) (5675) 382574 or mobile (568) 2286539, mail: [ana.cisternas@nuevosur.cl](mailto:ana.cisternas@nuevosur.cl)

Hector Gutierrez (living here) : 099171959

## ADDITIONAL INFORMATION

## CURI

Operational since 09/03/2010 18:00

Antenna : Topcon antenna S/N 308-5579 P/N 01840205-06

Receiver : Topcon receiver from Josph Fourier Grenoble university (cellule postsismique) T225045

IP: 192.168.0.47

Receiver configuration : 30s on external battery (compact flash) / 1s on internal battery .

Elevation mask: 10°

Satellites : between 6-7

Antenna cable Trimble 5meters + Topcon cable (3m) + adaptateur (N-TNC)

Charger : /

Regulator : Steca PRS1010 (10A).

Battery : Lucas (12V -75Ah).

Power connection : Solar pannels 20w \* 2 (parallel plug).

Security infos : The municipal park of the Cerro Conde is an active place during night, day and fiestas. If the site is surrounded by a fence, this is a tradition on the 18 de mayo to cut the wire netting and/or throw rocks in the garden. That is why we hide a little the antenna (disminuishing the number of sat. seen this way) and the receiver. It is necessary to put a closed metallic box and maybe think of another fence of the station keep permanent. Possibility of electric power and maybe of internet.

CURI

S

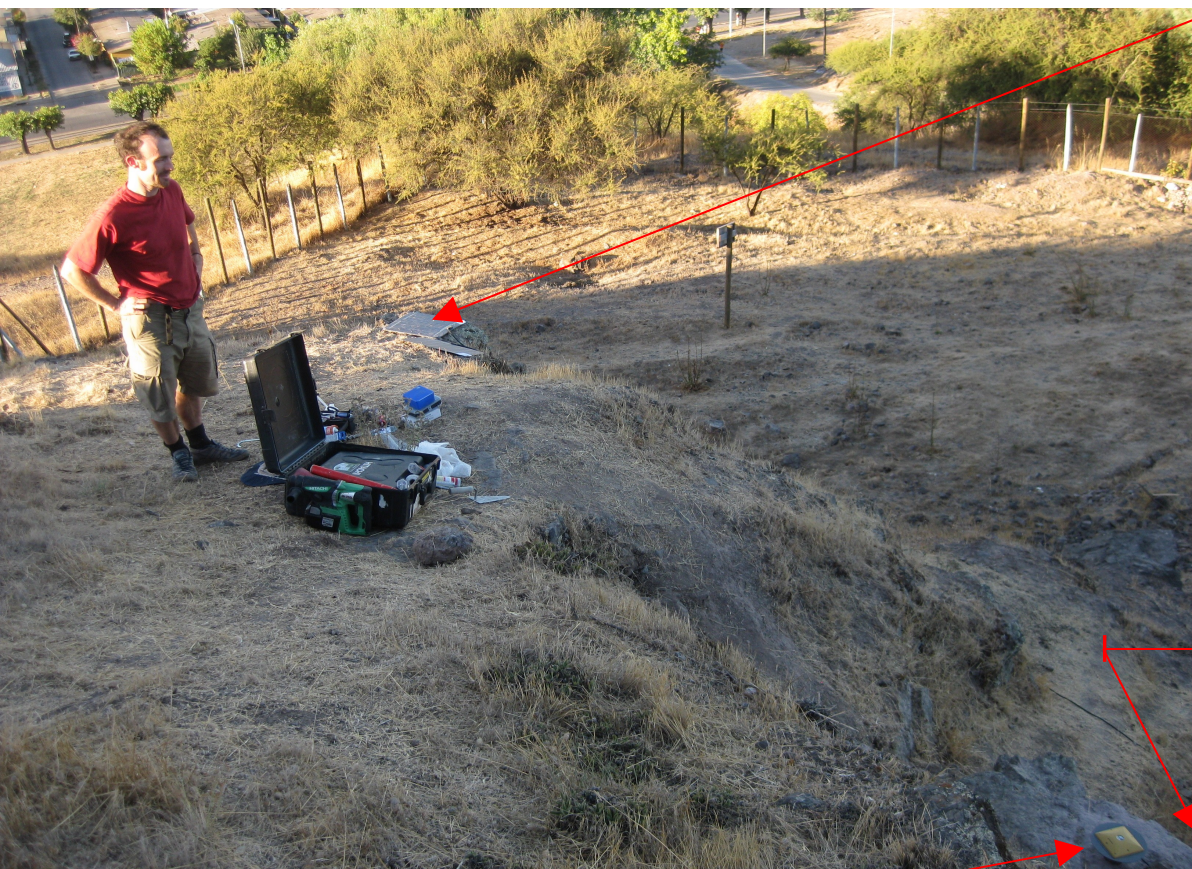
NE



antenna

to solar pannels

Receiver



solar pannels fixed in the bedrock

To the receiver

antenna

CURI



# CURI

