

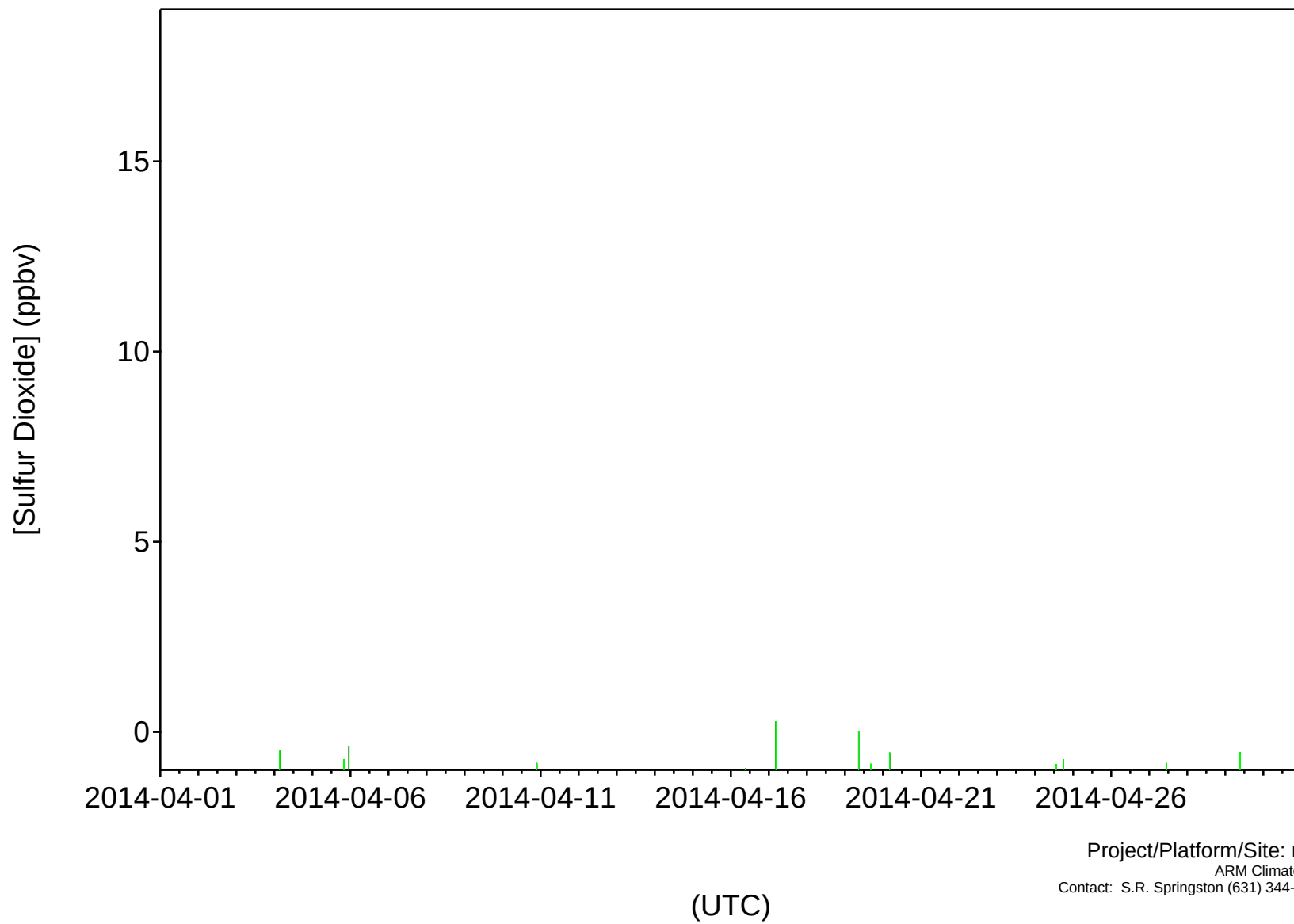
Processing Record for this file:
(Make notes here unique for this file)

Loading 4/1 - 5/1/2014
Data loaded directly from DMF

Processed SO₂ data normally. These data are taken with a ~10-s time constant on the instrument.

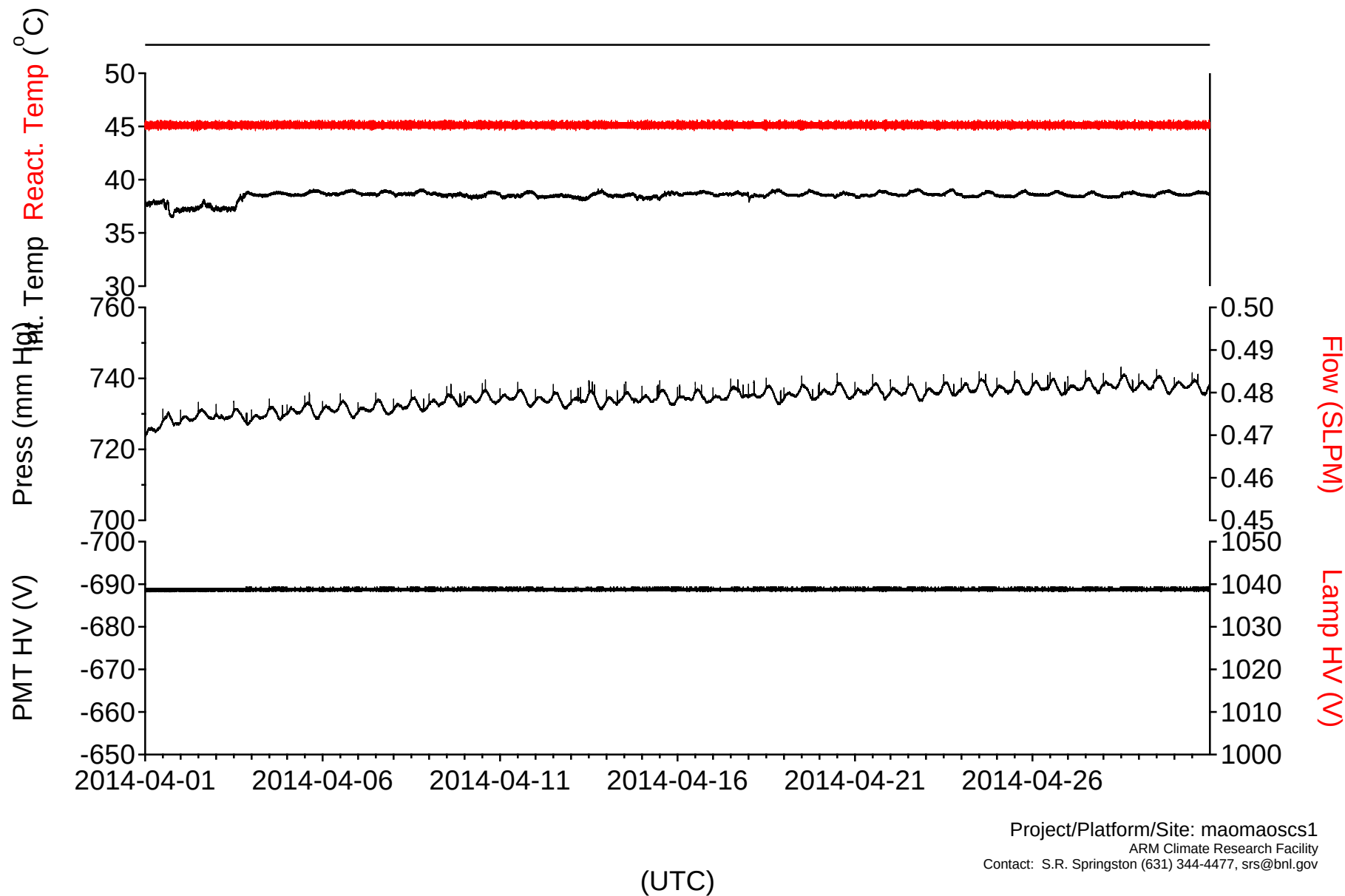
2014-03-08 02:34 - 2014-08-08 21:21 DQR D140902.1 The instrument flash lamp failed, at first intermittently and then completely. The data grew increasingly noisy. The ambient signal appeared near background when the instrument was functioning. The flash lamp was replaced but did not solve the problem. A Mentor visit revealed the flash lamp had again failed and also the associated flash pack. Both were replaced and the optical chamber cleaned. The instrument response was reset. No valid data reported after 2014-03-08 01:49 and several shorter period prior to this. The problem wasn't fully solved until the Mentor visit 2014-08-08

TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer

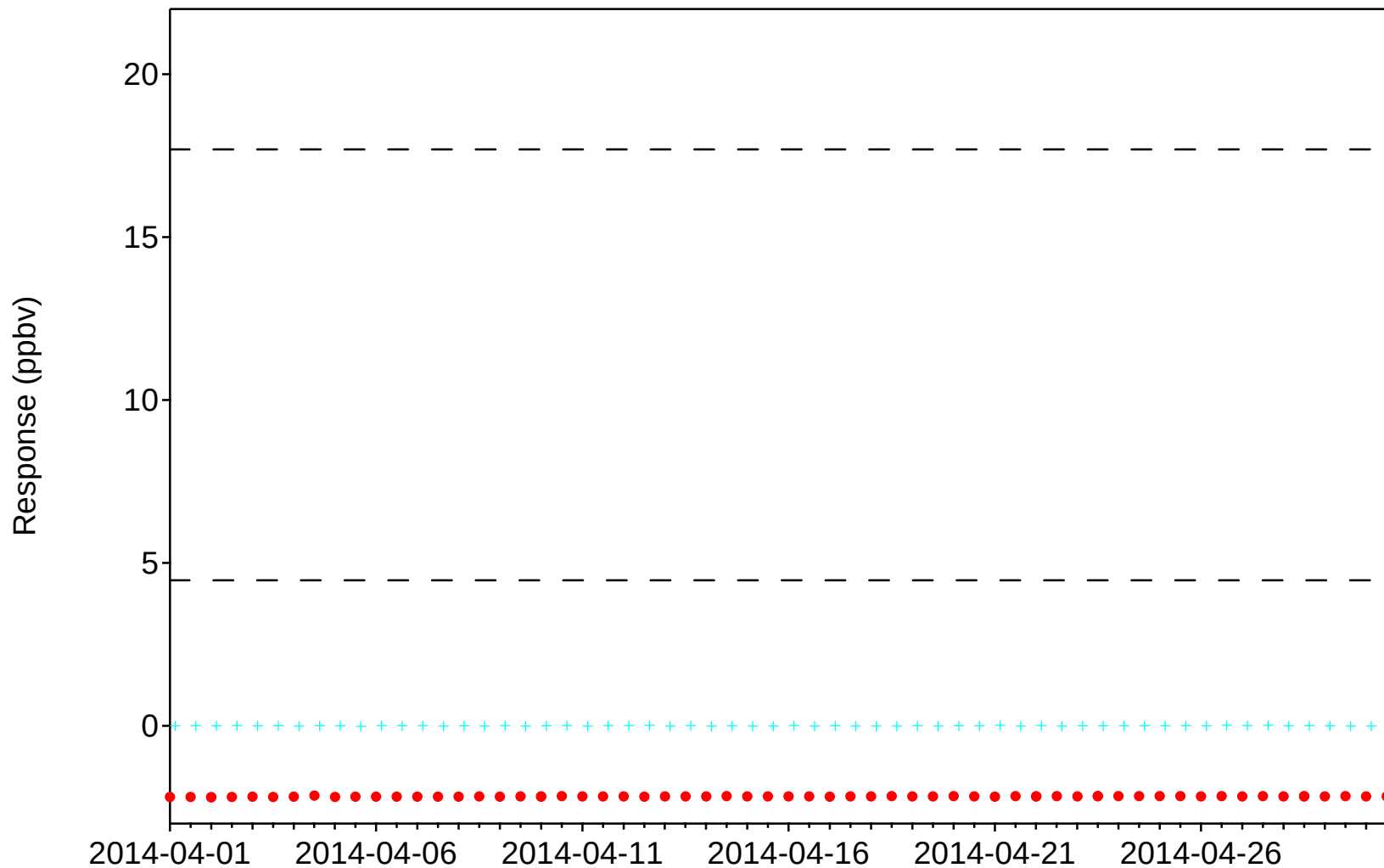


Project/Platform/Site: maomaoscs1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer
Housekeeping



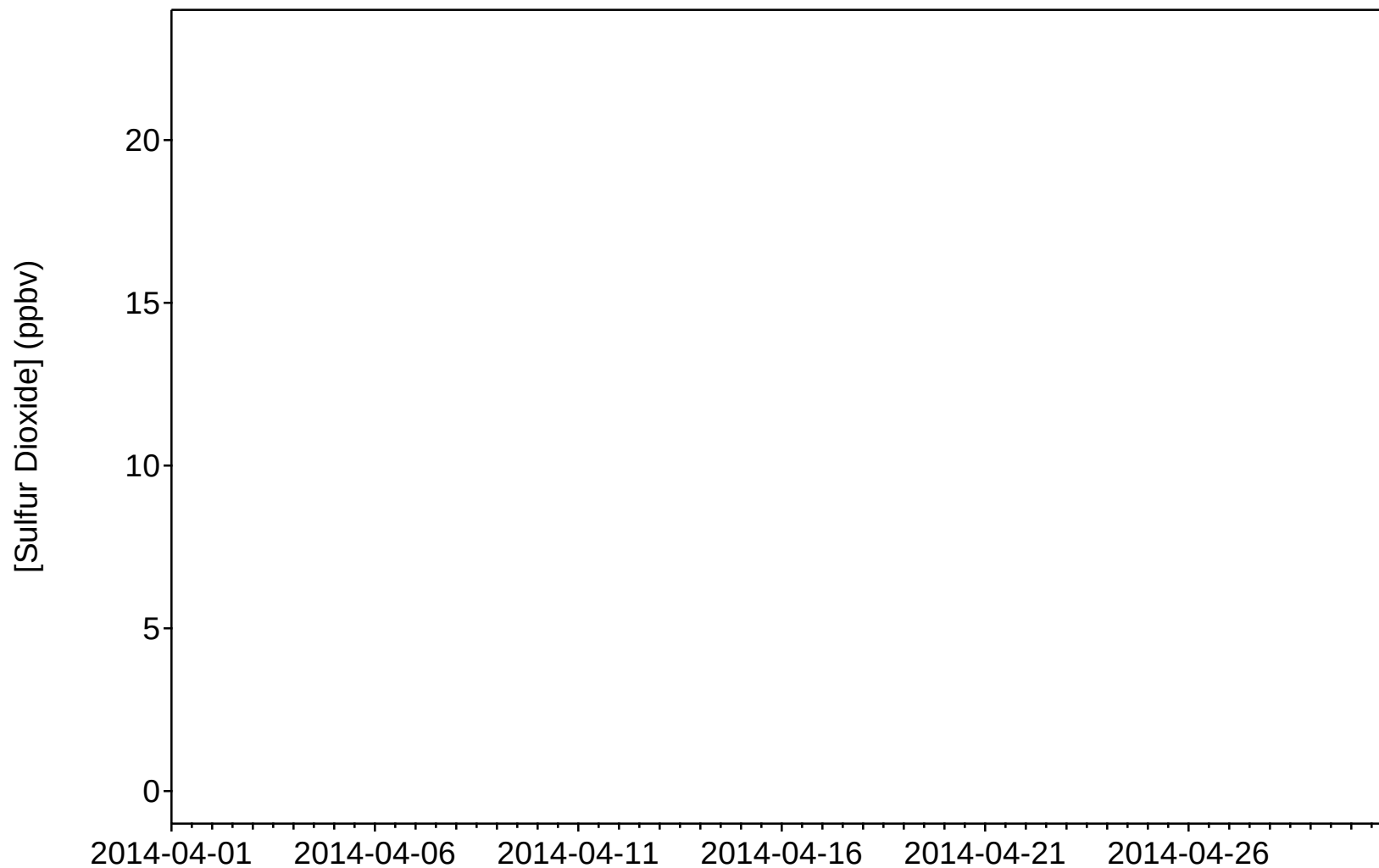
TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer
Zero/Span Checks



Project/Platform/Site: maomaoscs1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

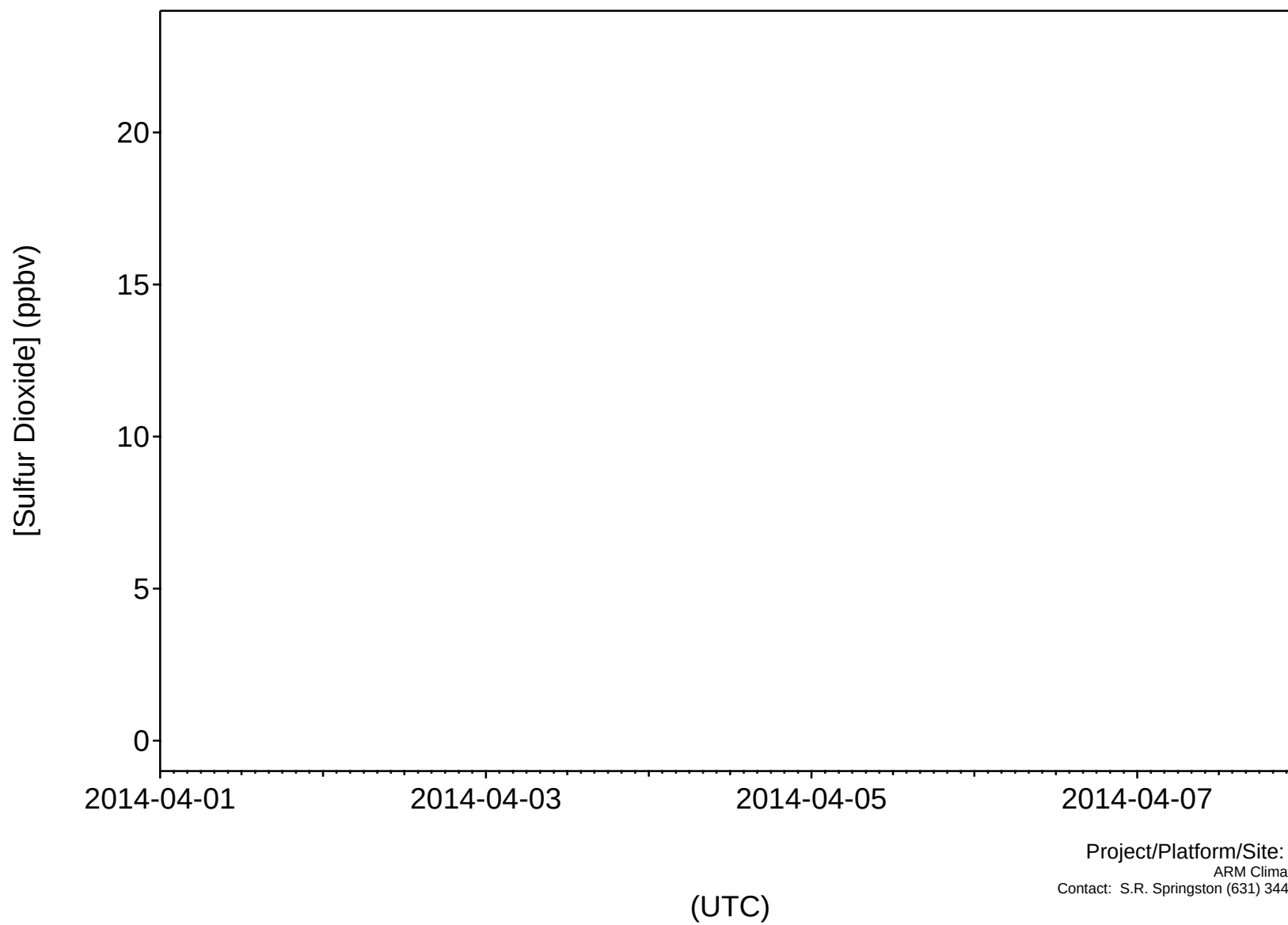
Entire Period

TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer



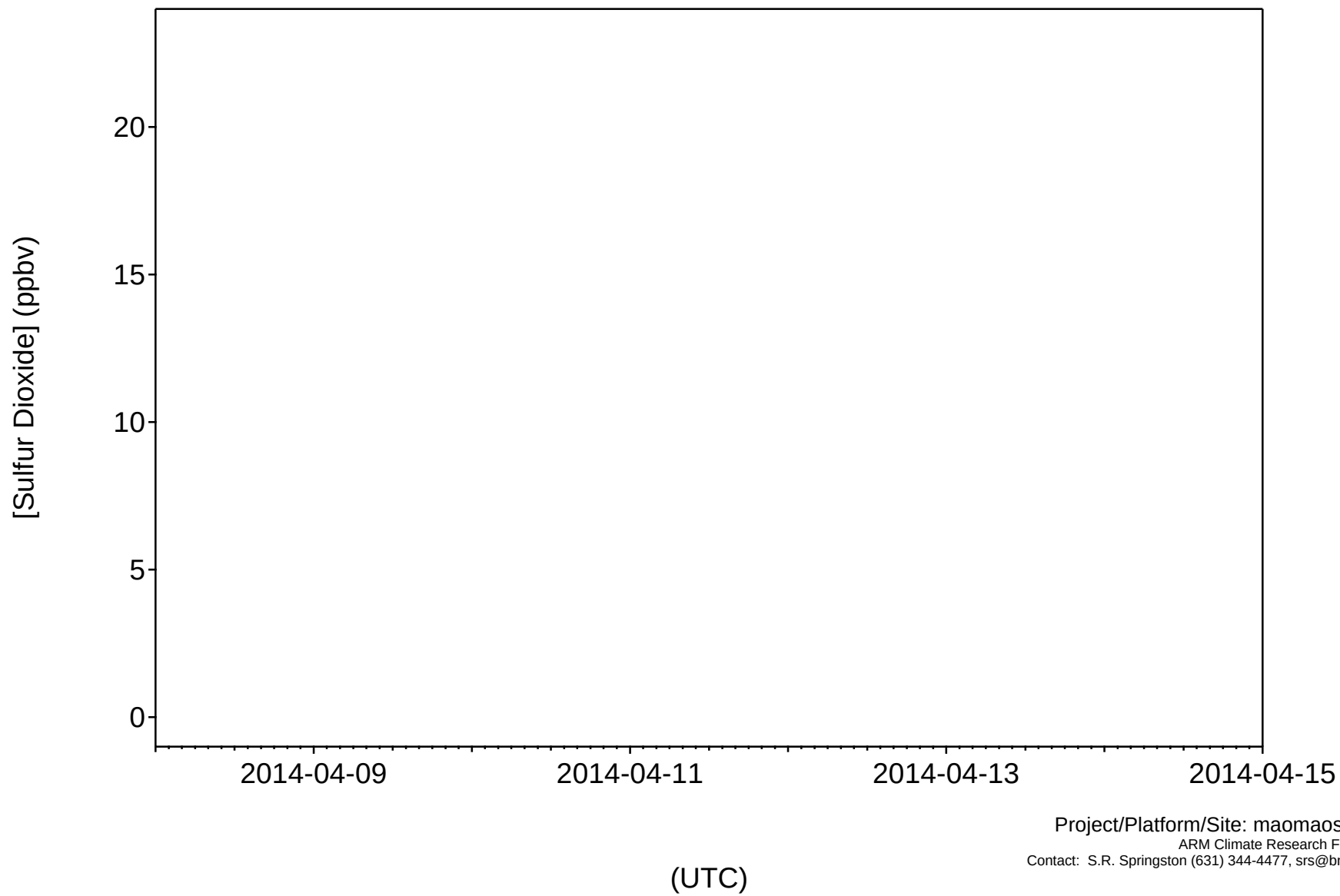
Project/Platform/Site: maomaoscs1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer

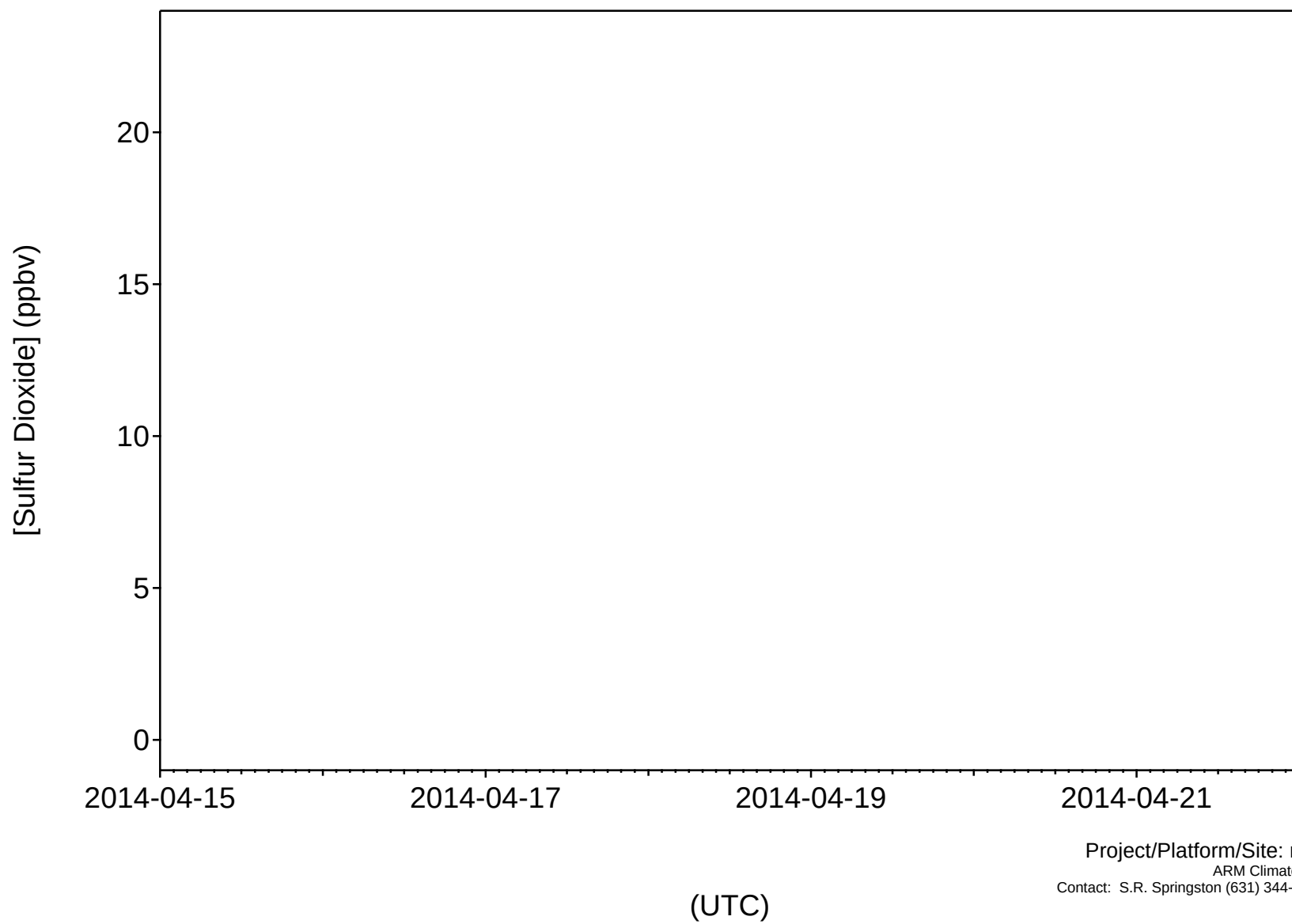


Project/Platform/Site: maomaoscs1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer

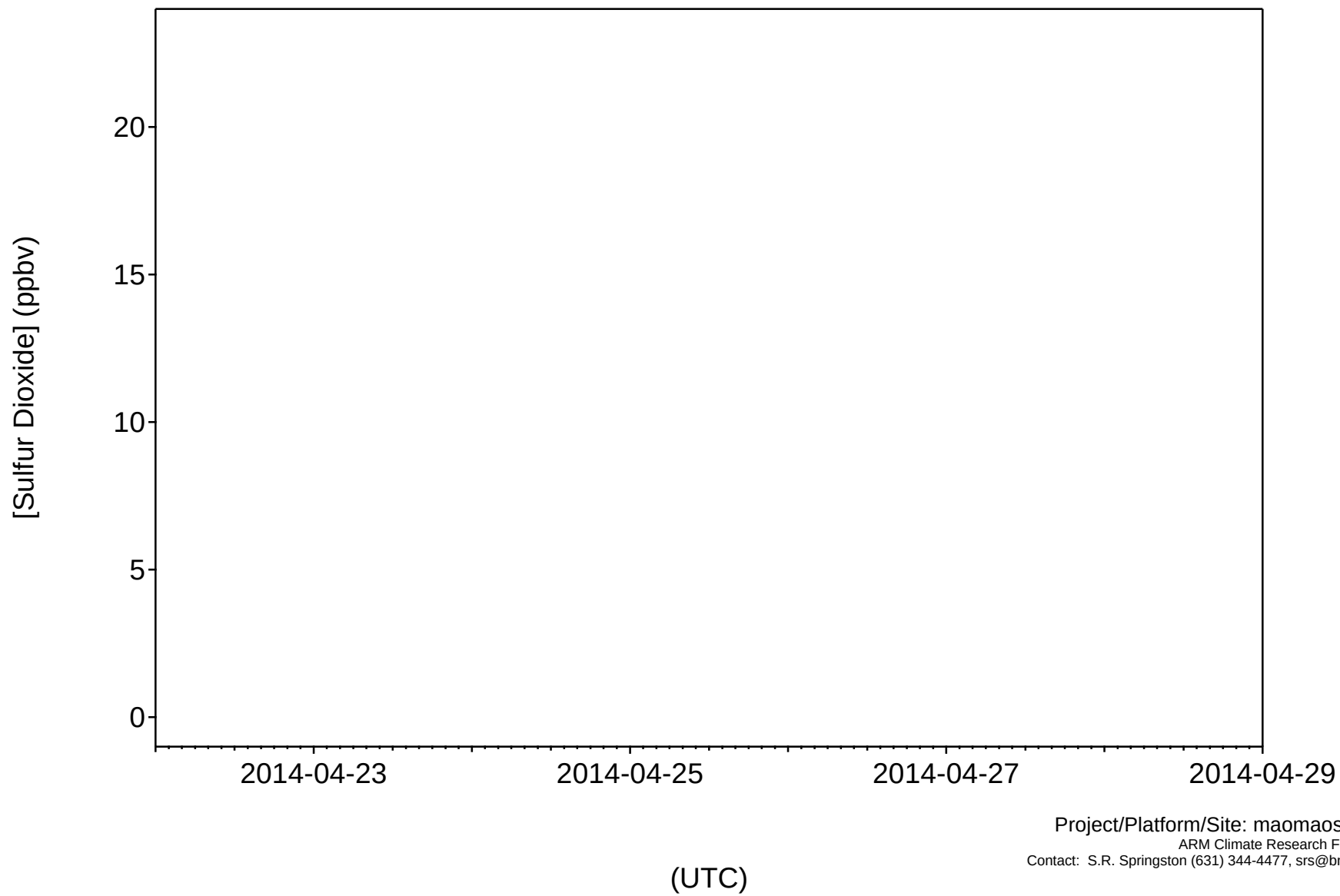


TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer

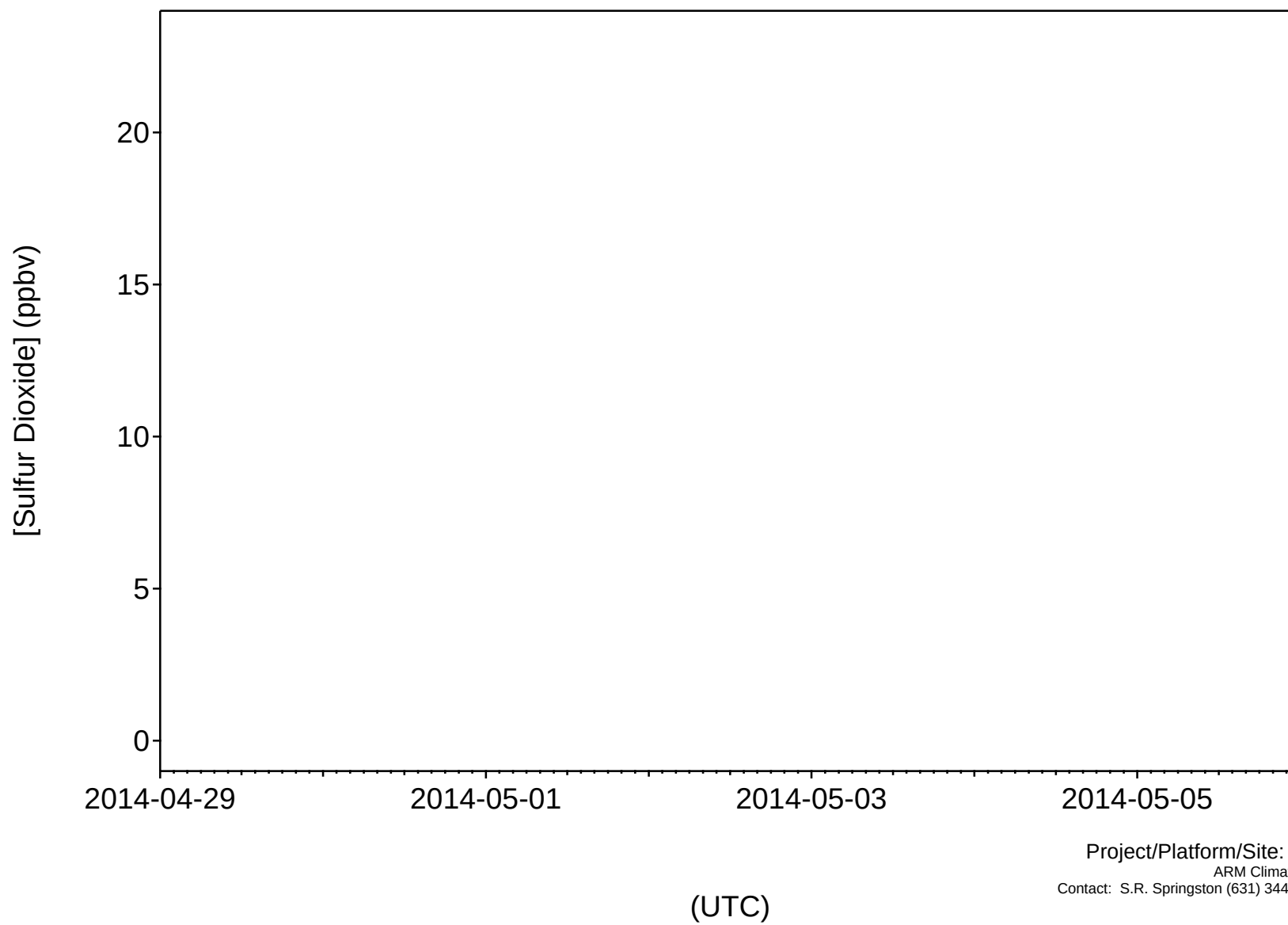


Project/Platform/Site: maomaoscs1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer



TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer



Project/Platform/Site: maomaoscs1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov