

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

Loading from flight 141001a
Data taken from DMF

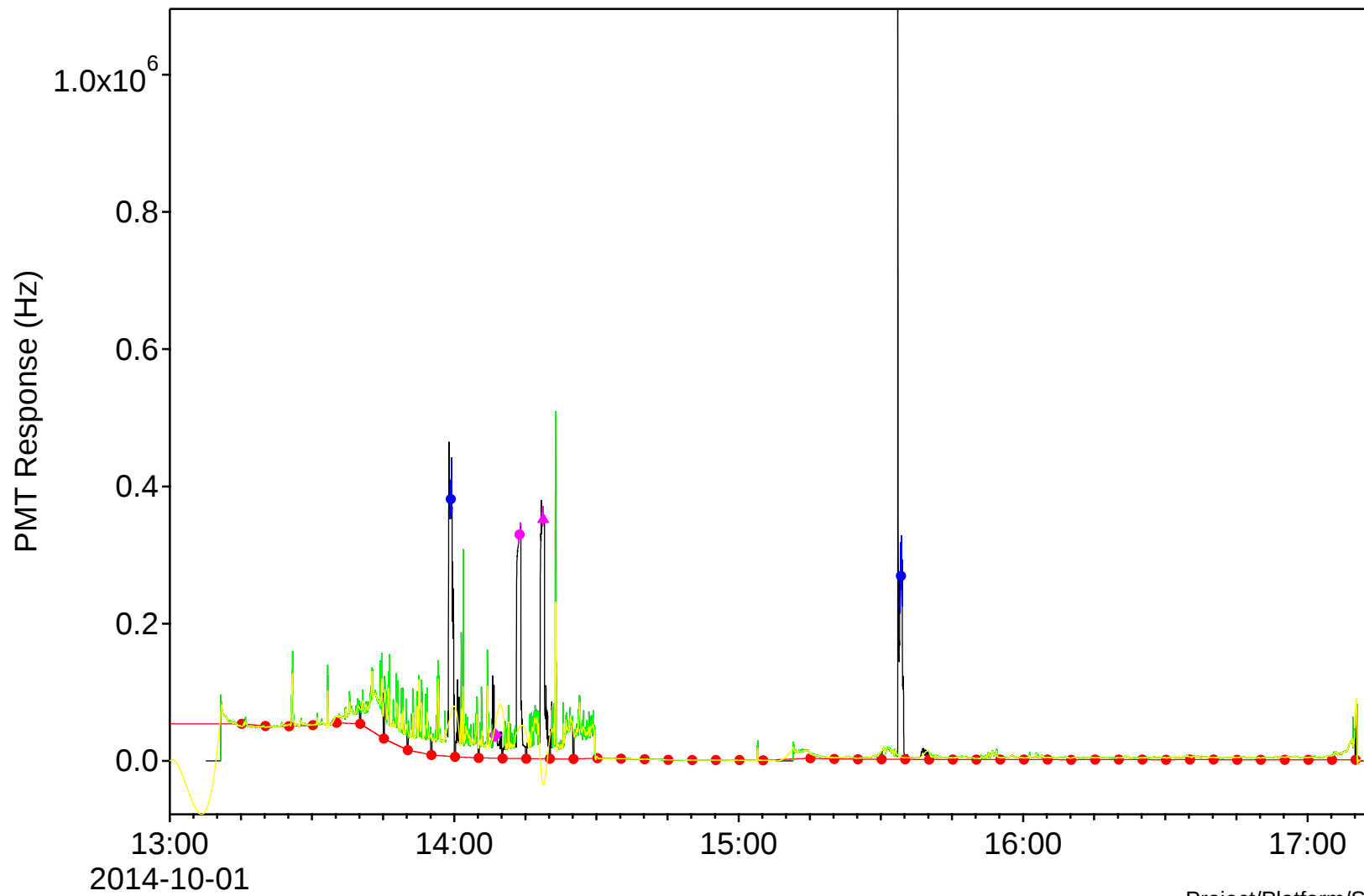
Data in flight appear normal. Plume is prominently apparent.

It has been observed that the NO/NO₂ ratios do not appear reasonable at low levels (<500 pptv). There seems to be a constant artifact in the NO_x channel. This makes the NO₂ reported high and should not be used directly. These data are only preliminary.

14:30 - 15:05 something happened with no signal. Channel 3 flow went to zero. O₃ turned off. Do not use this period.

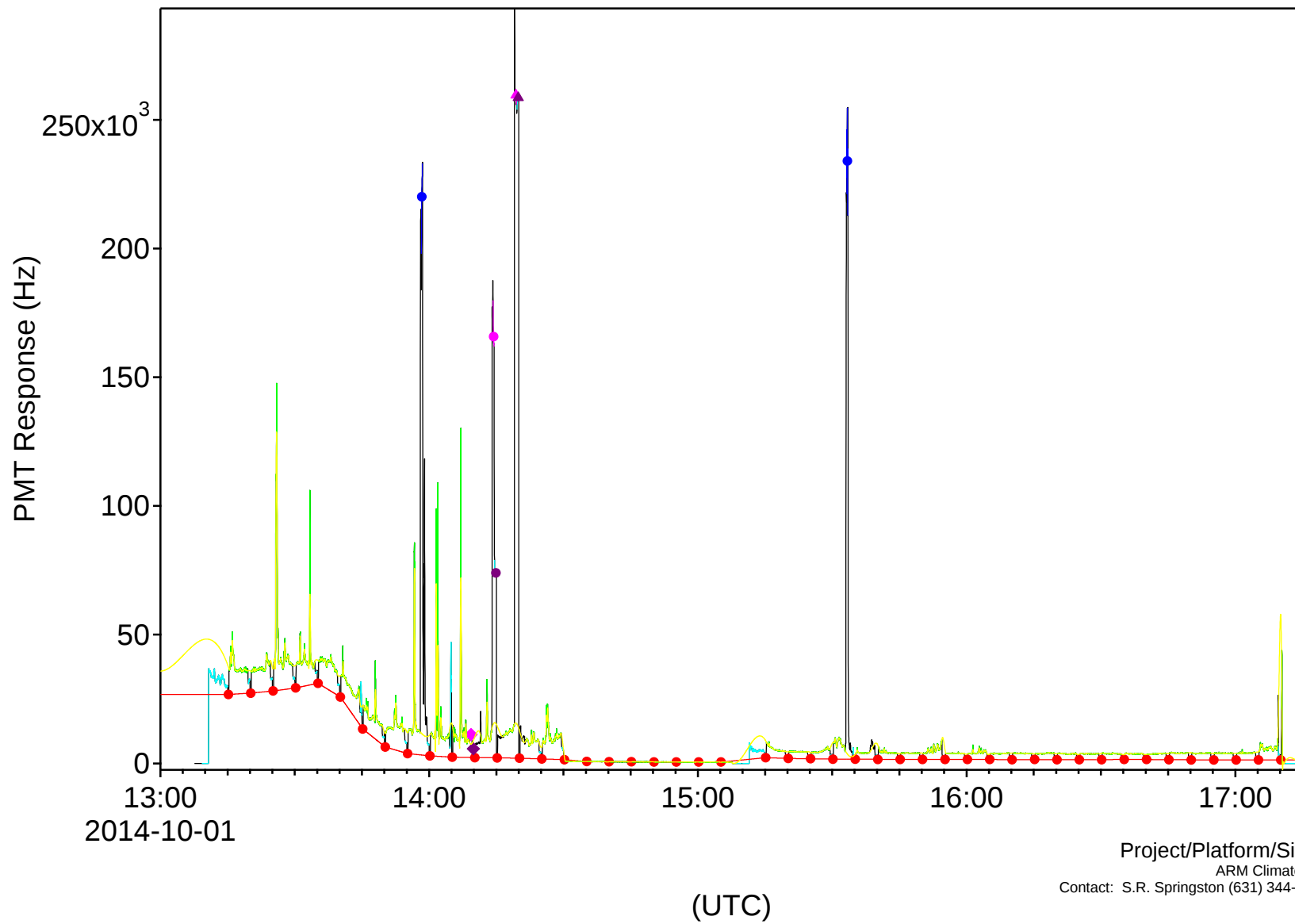
15:10 Mo converter turned off

AAF 3-Channel NO_x Analyzer
Parsed NO_y Channel Data

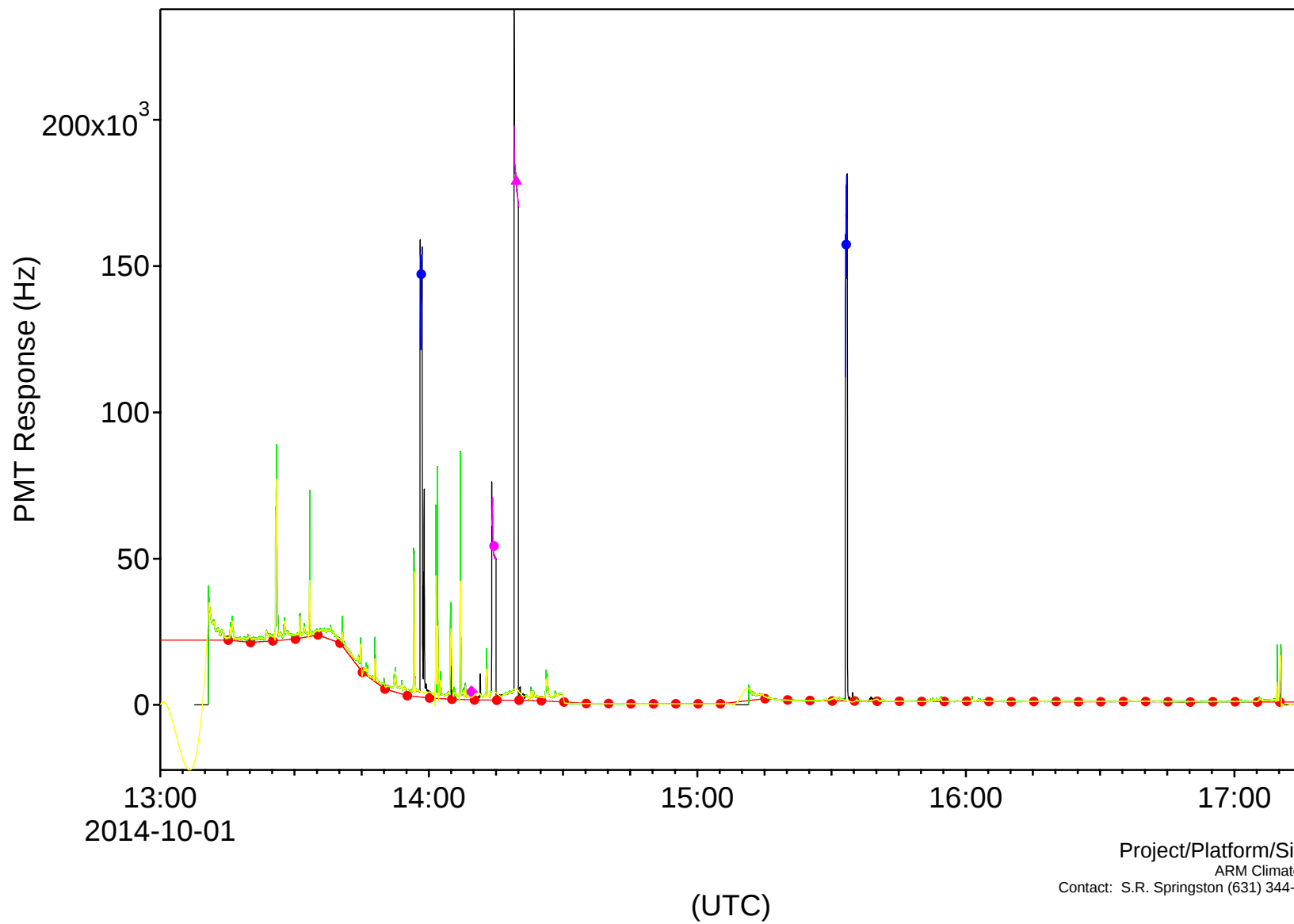


Project/Platform/Site: maoaafa1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

AAF 3-Channel NO_x Analyzer
Parsed NO_x Channel Data

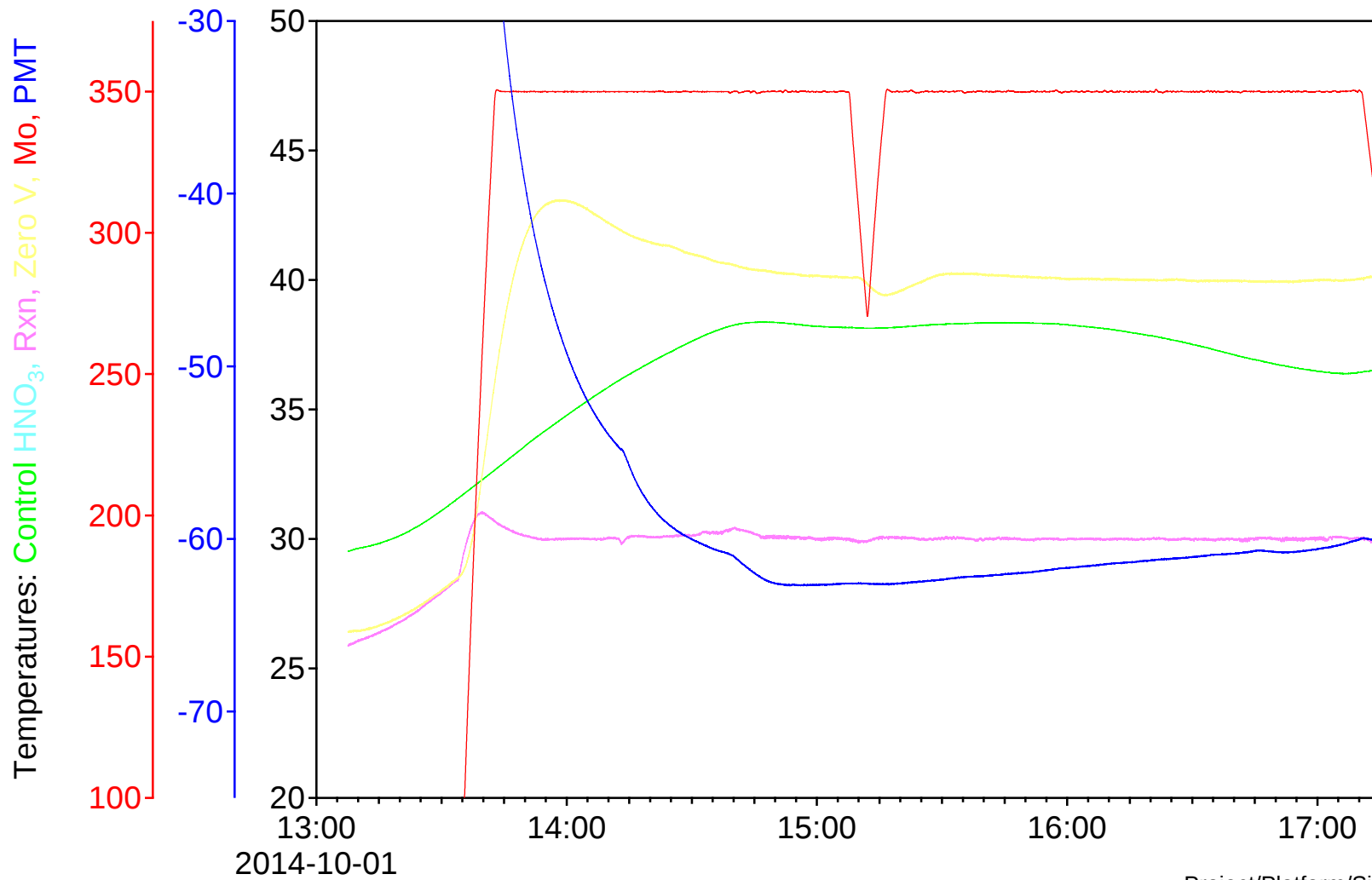


AAF 3-Channel NO_x Analyzer
Parsed NO Channel Data



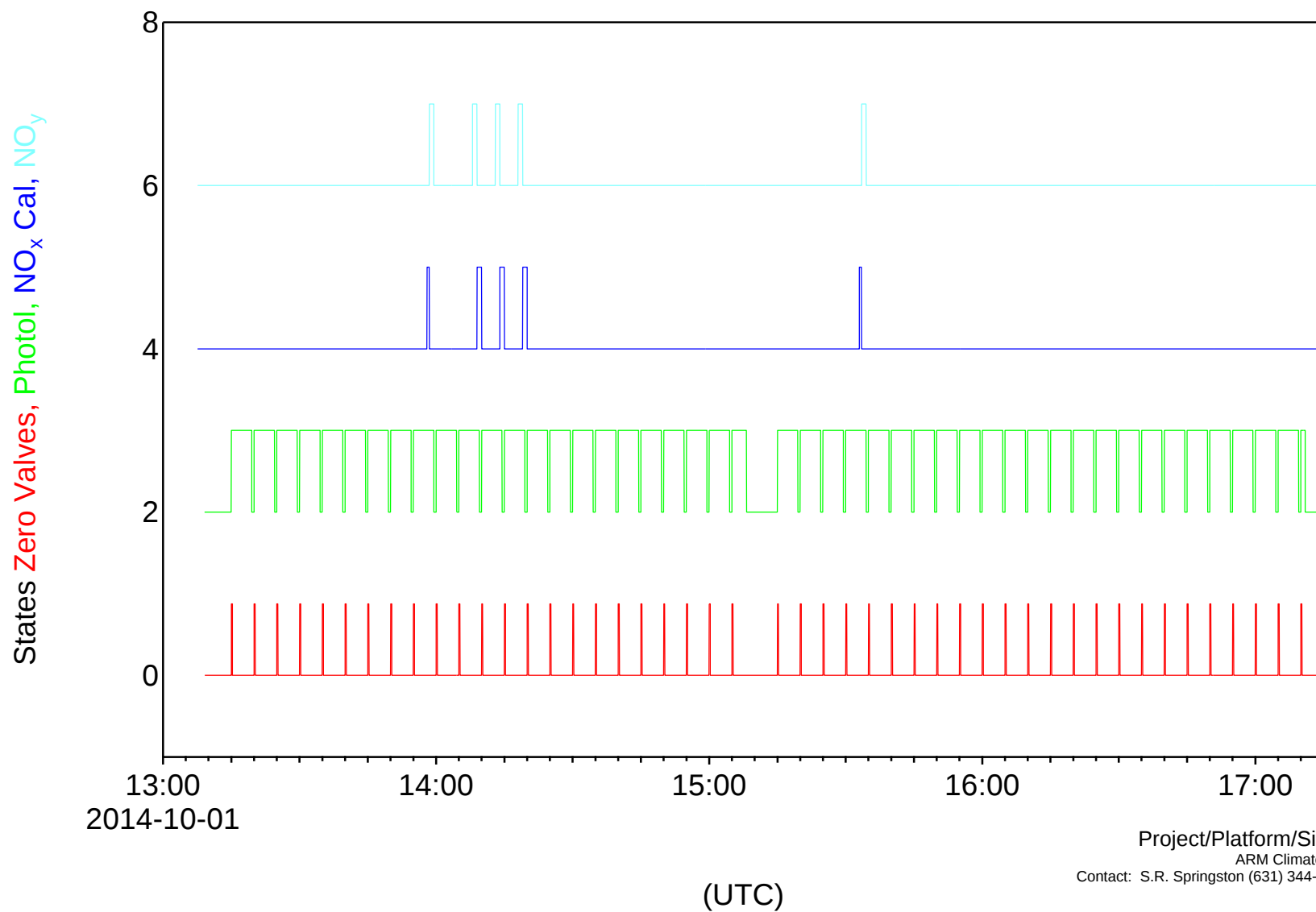
Project/Platform/Site: maoaafa1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

AAF 3-Channel NO_x Analyzer
Housekeeping T
Temperatures



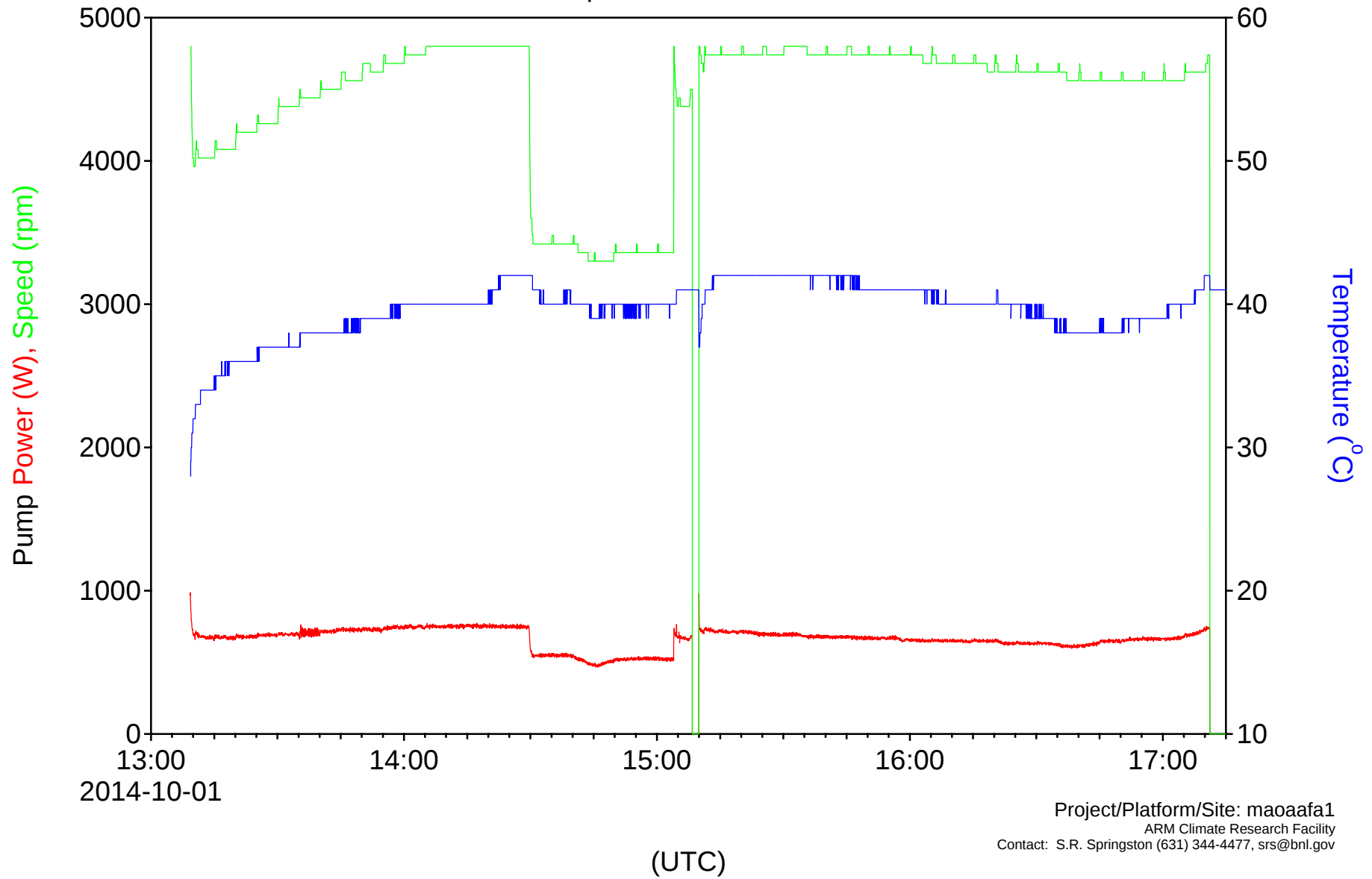
Project/Platform/Site: maoaafa1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

AAF 3-Channel NO_x Analyzer
Housekeeping 5
Zeros/Photol/SAs

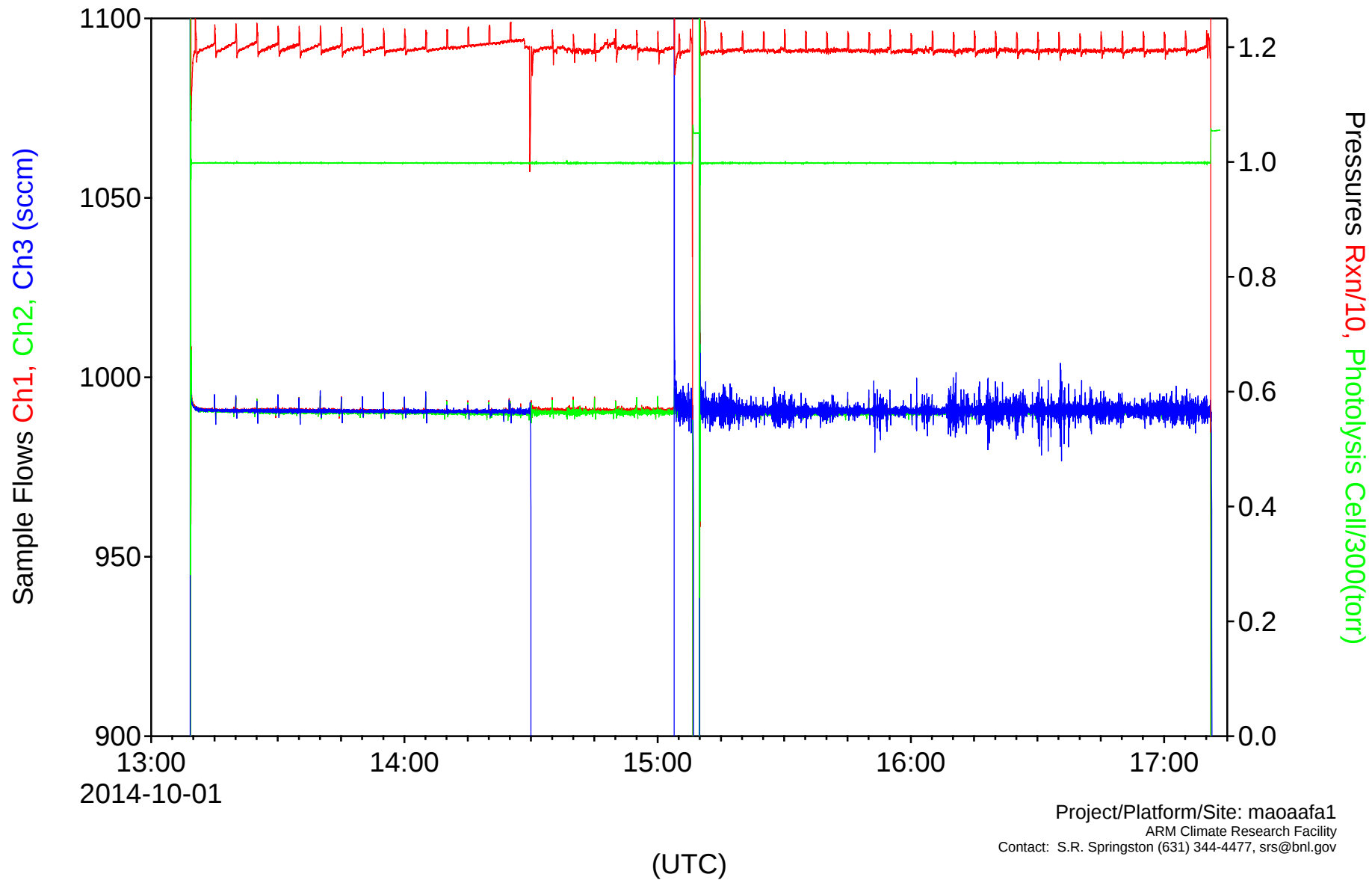


Project/Platform/Site: maoaafa1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

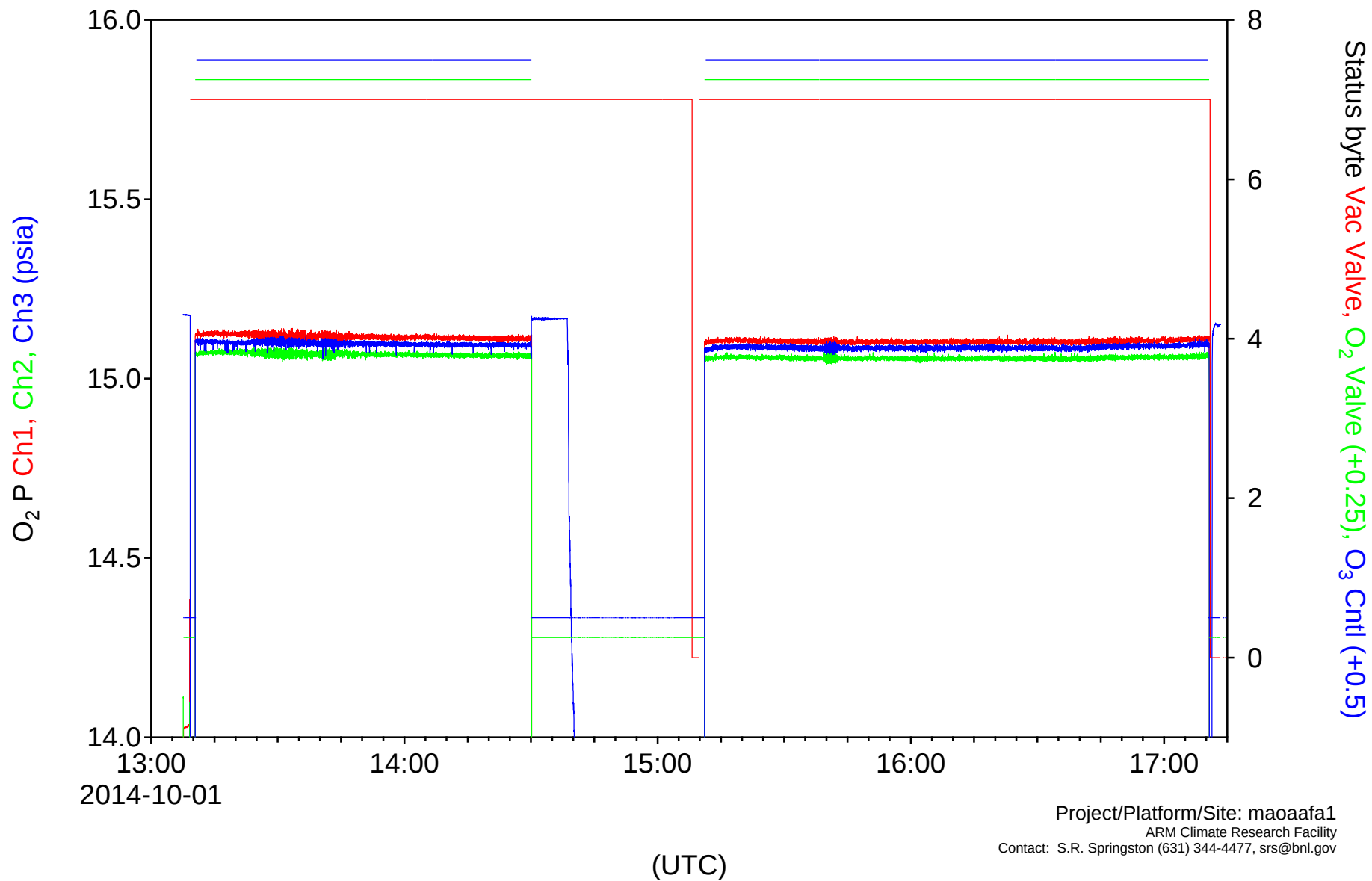
AAF 3-Channel NO_x Analyzer
Housekeeping 4
Pump



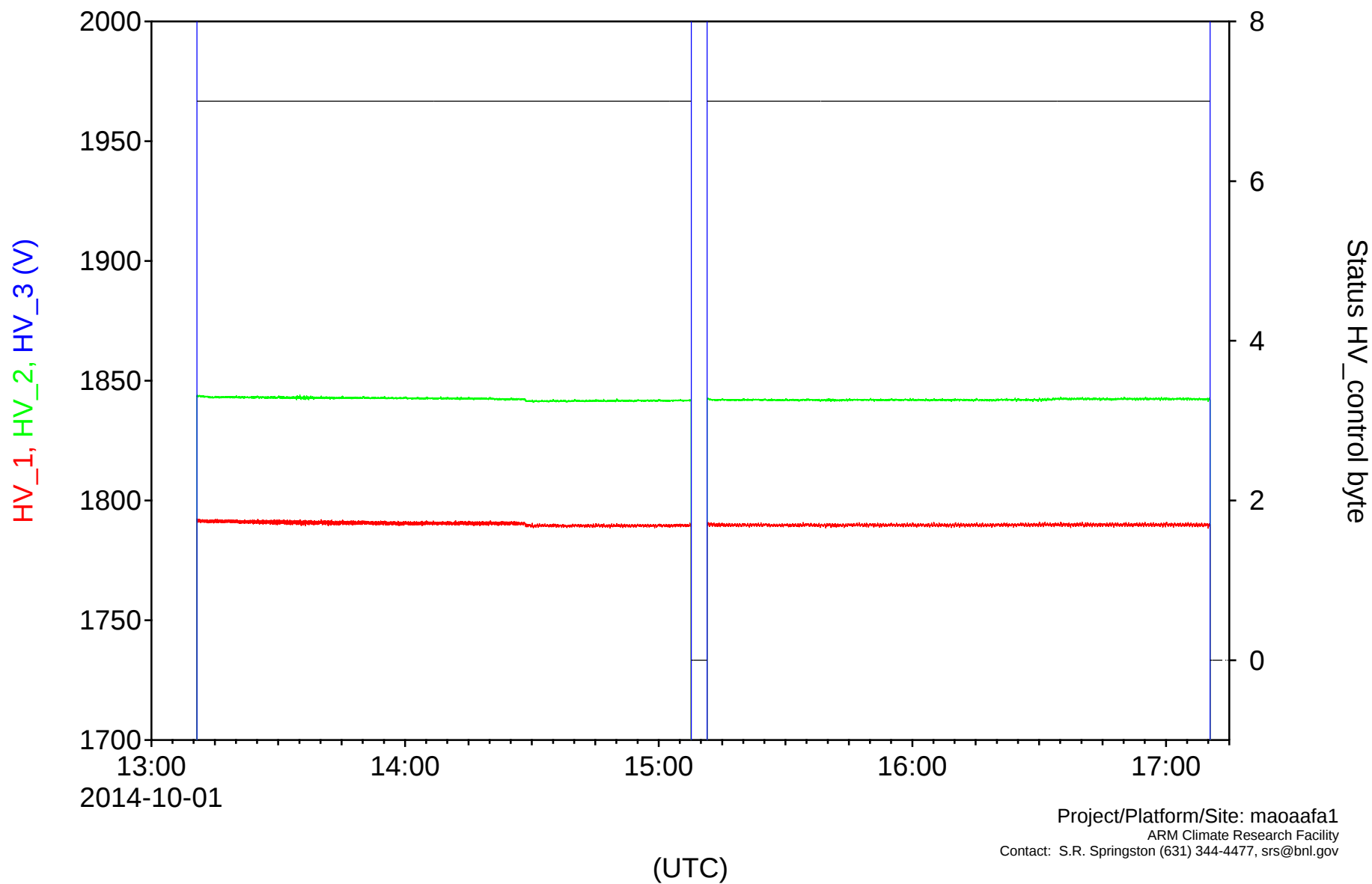
AAF 3-Channel NO_x Analyzer
Housekeeping 3
Pressures



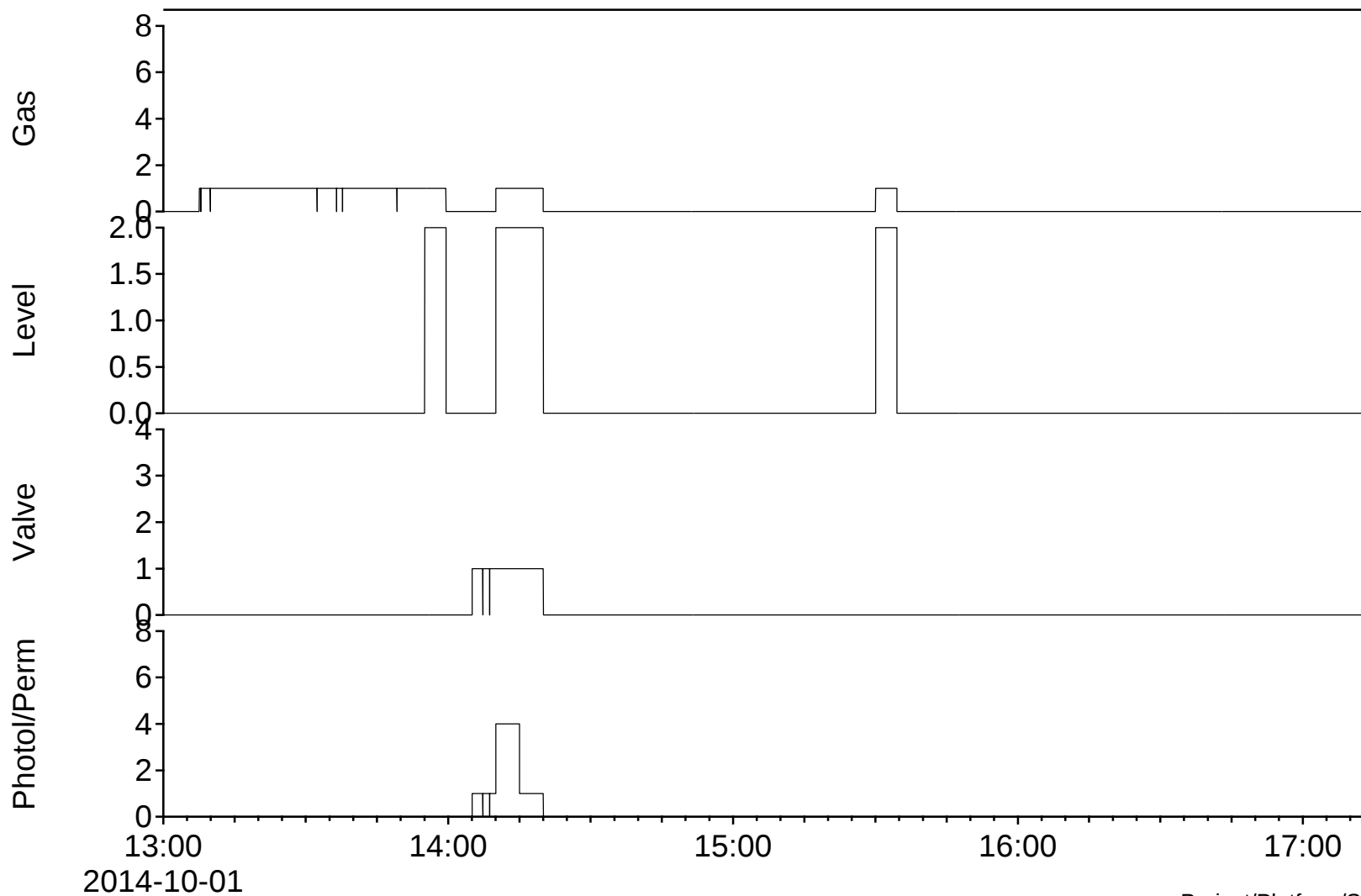
AAF 3-Channel NO_x Analyzer
Housekeeping 2
Ozonizer



AAF 3-Channel NO_x Analyzer
Housekeeping 1
PMT HV



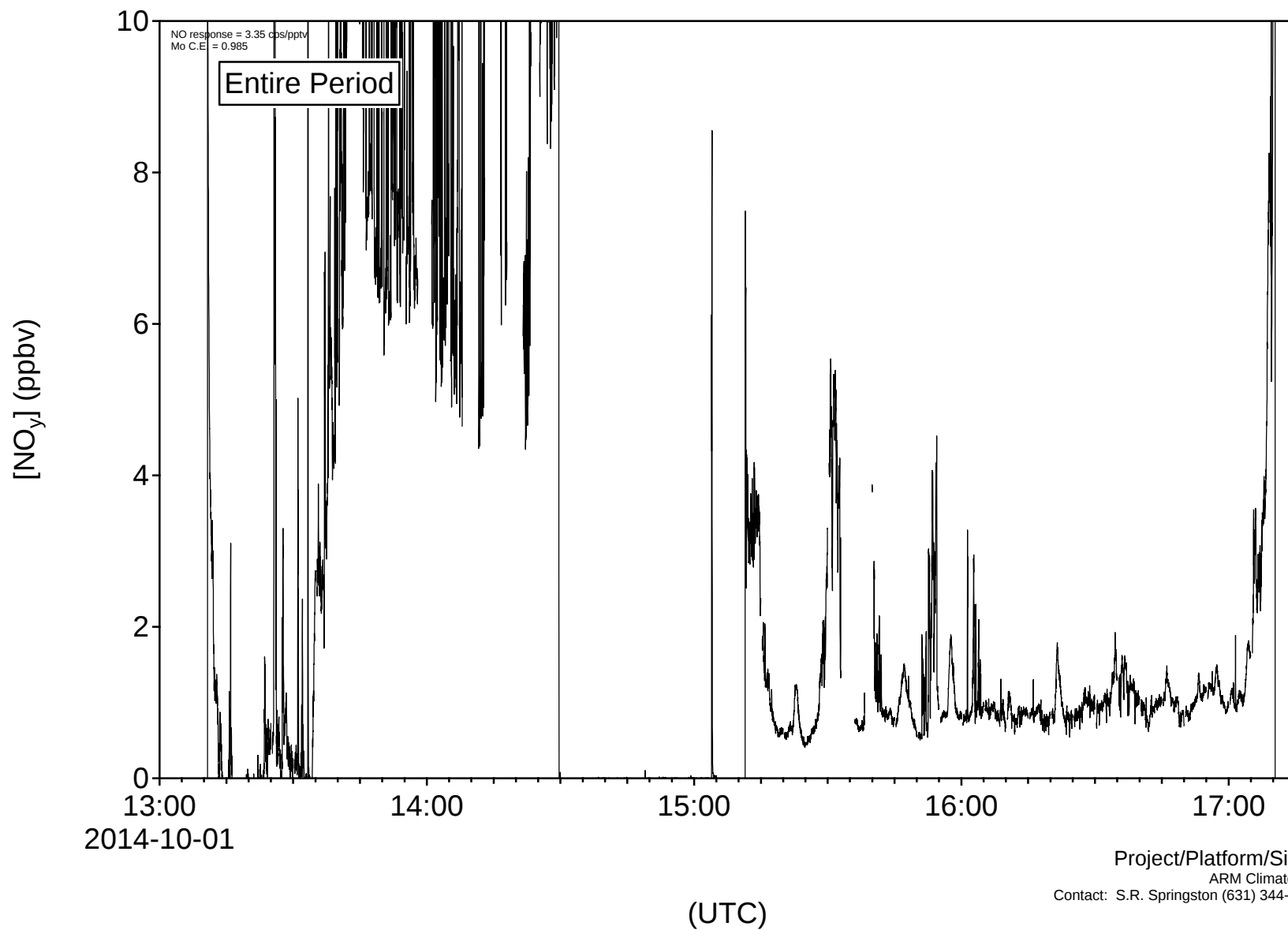
AAF TEI 146i Calibrator State



(UTC)

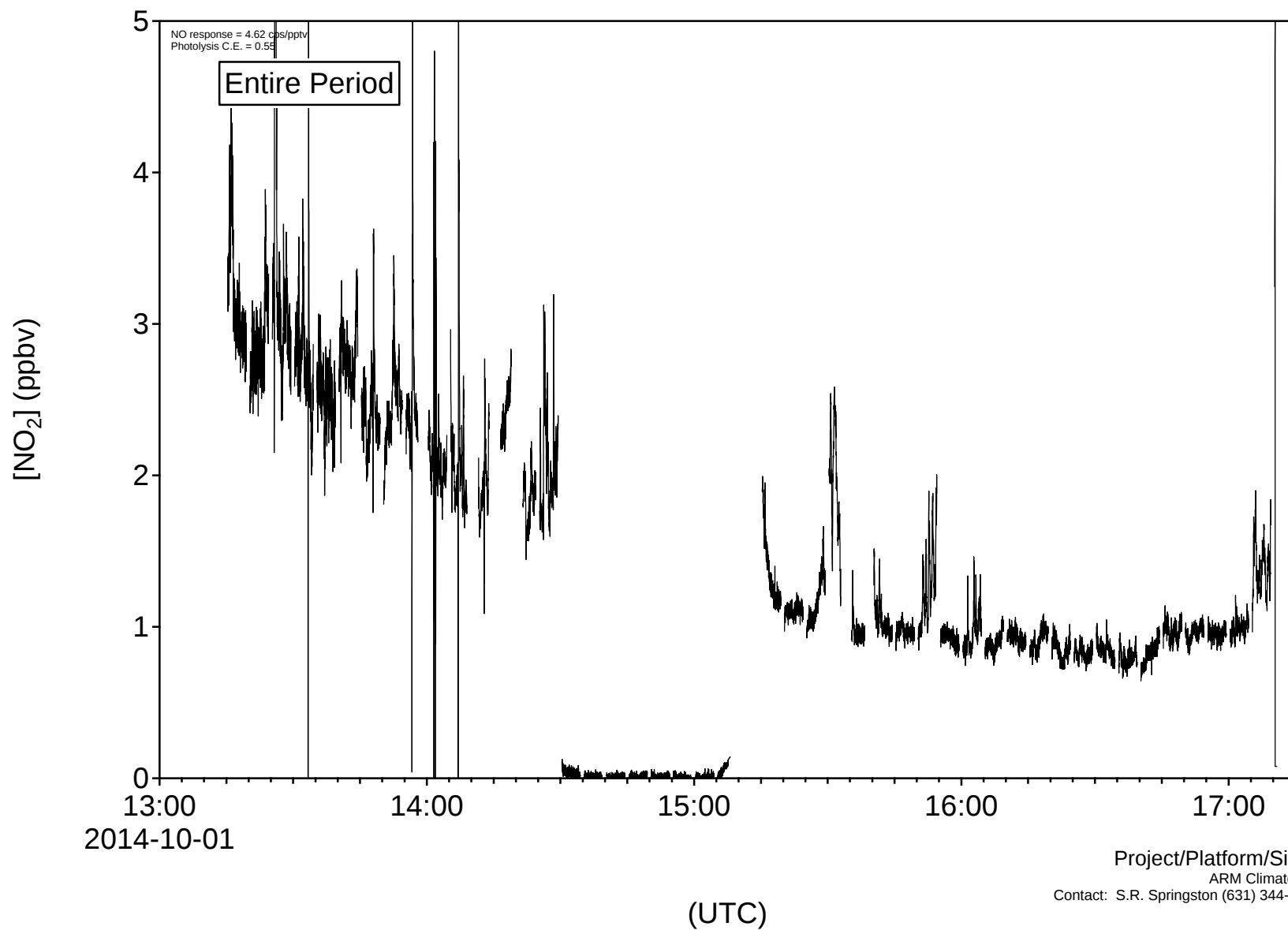
Project/Platform/Site: maoaafa1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

AAF 3-Channel NO_x Analyzer
Processed NO_y Channel Data



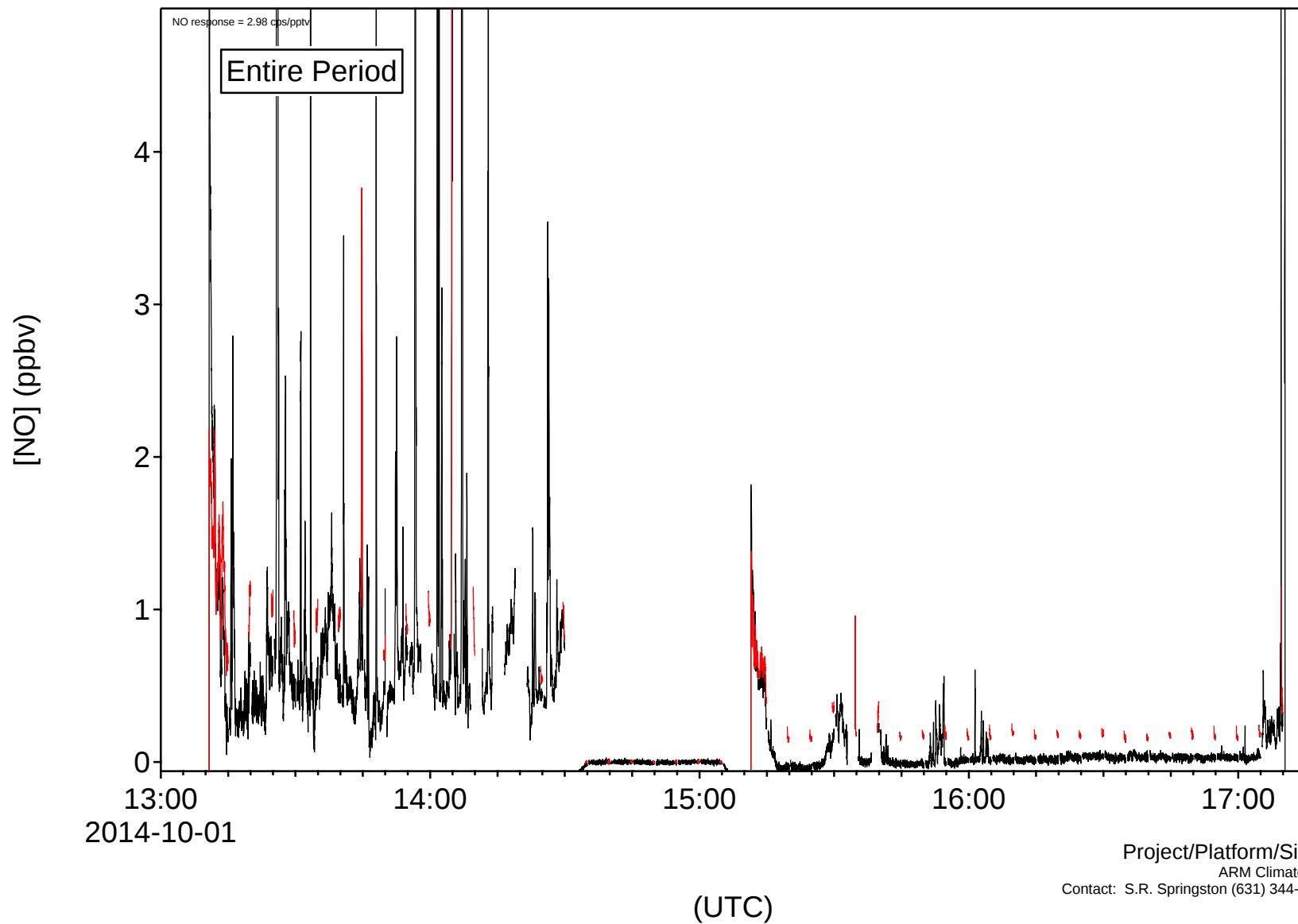
Project/Platform/Site: maoaafa1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

AAF 3-Channel NO_x Analyzer
Processed NO₂ Channel Data



Project/Platform/Site: maoaafa1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

AAF 3-Channel NO_x Analyzer
Processed NO Channel Data



Project/Platform/Site: maoaafa1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov