

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

Loading from flight 140319a
Data taken from NOx CPU c:\data\NOx

Data in flight appear normal.

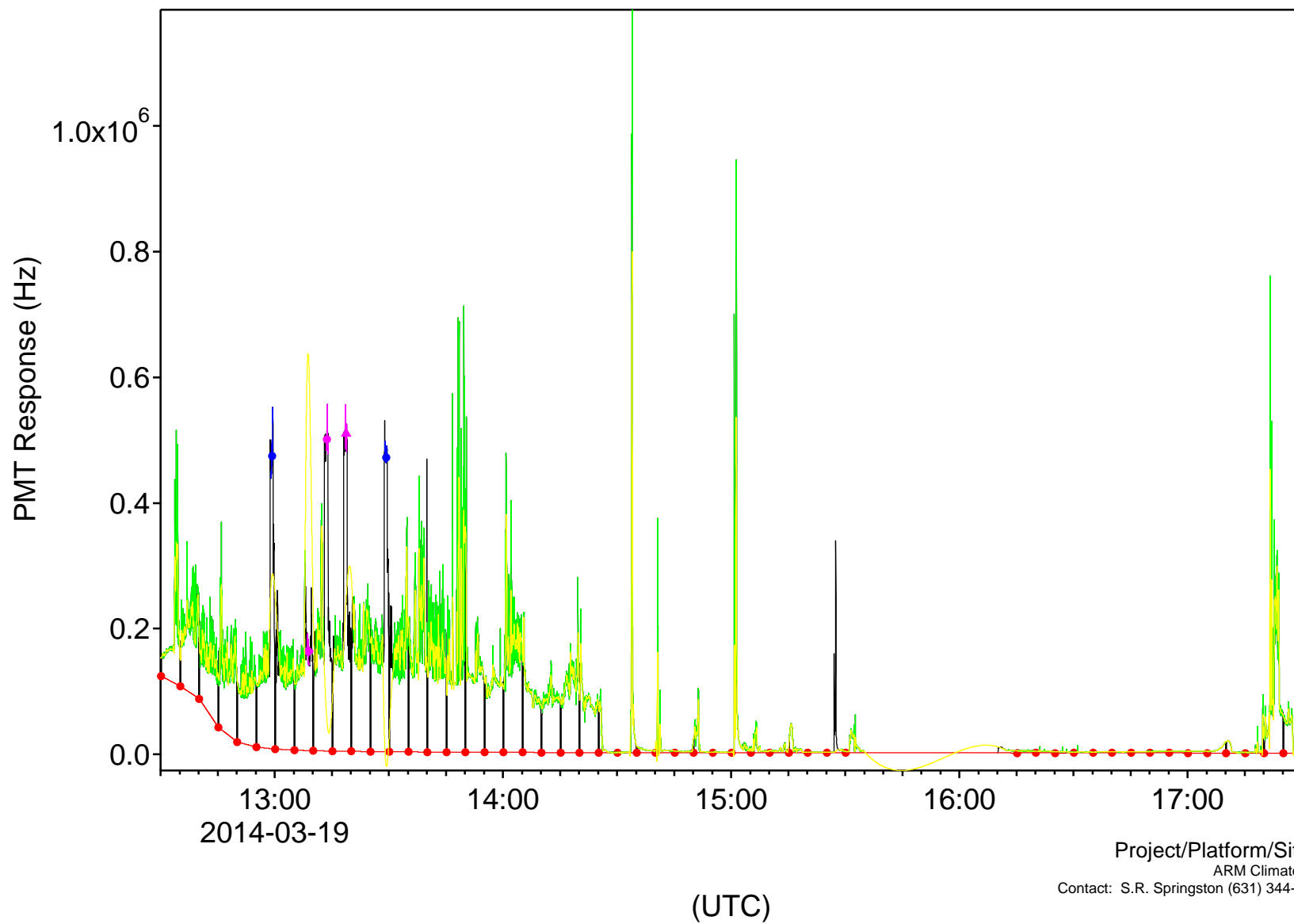
It has been observed that the NO/NO₂ ratios do not appear reasonable at low levels (<500 pptv). The zero on the NO channel appears erroneously high. This affects both the NO and the NO₂ results at low values. These data are only preliminary.

Data was lost in the air from 15:34 to 16:11. It's not clear what happened. After restart, the instrument appeared to take some time to return to baseline. This flight should be viewed with less confidence on the NO/NO₂/NO_y channels.

NO₂ channel appears to have a high background. From 16:30 to 17:00, the Mo converter temperature went down to 250 C. It's not clear if this was a fault in the control or inability of the heater to keep up.

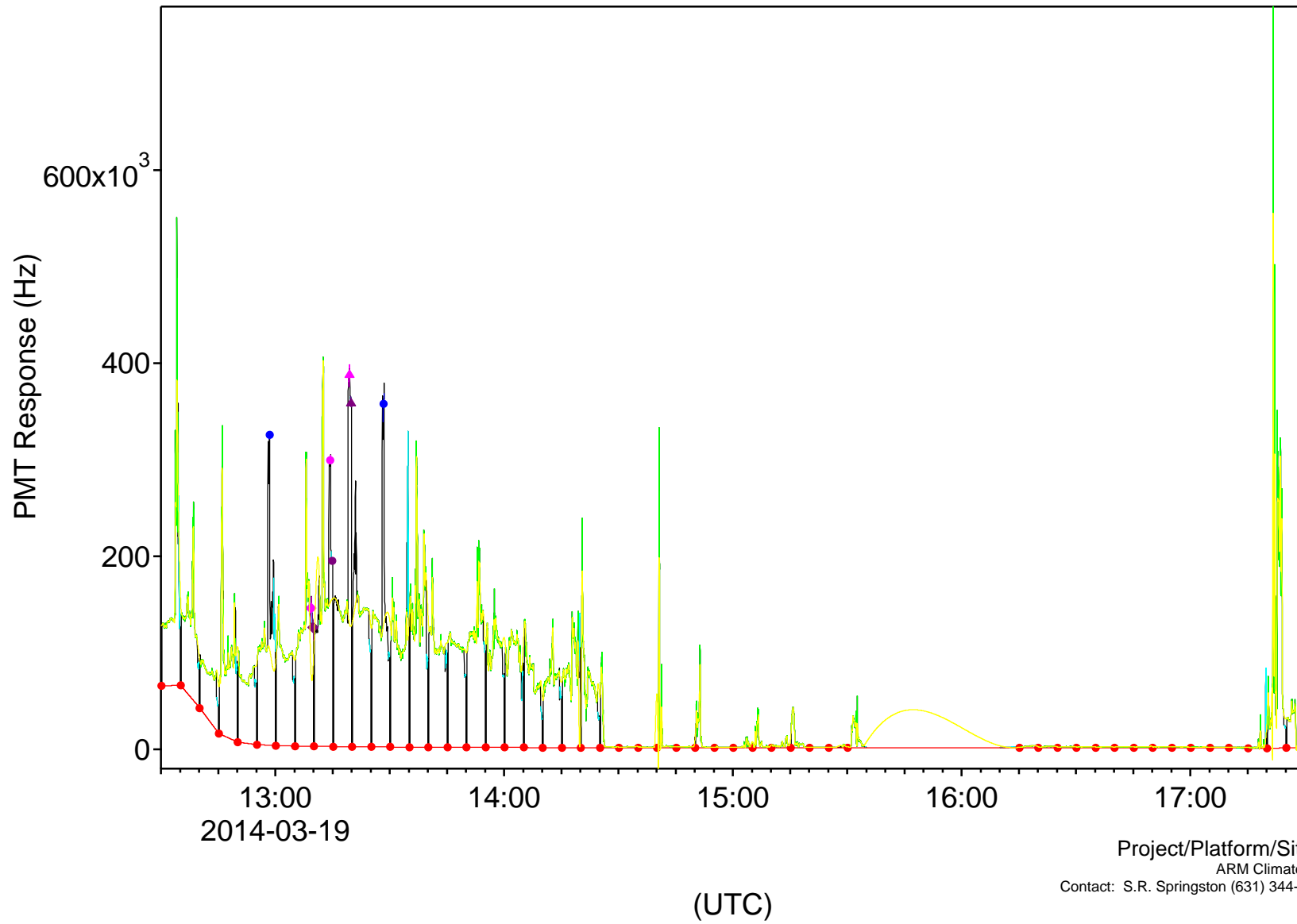
NOx channel offset appears very consistent and will be subtracted later.

AAF 3-Channel NO_x Analyzer
Parsed NO_y Channel Data

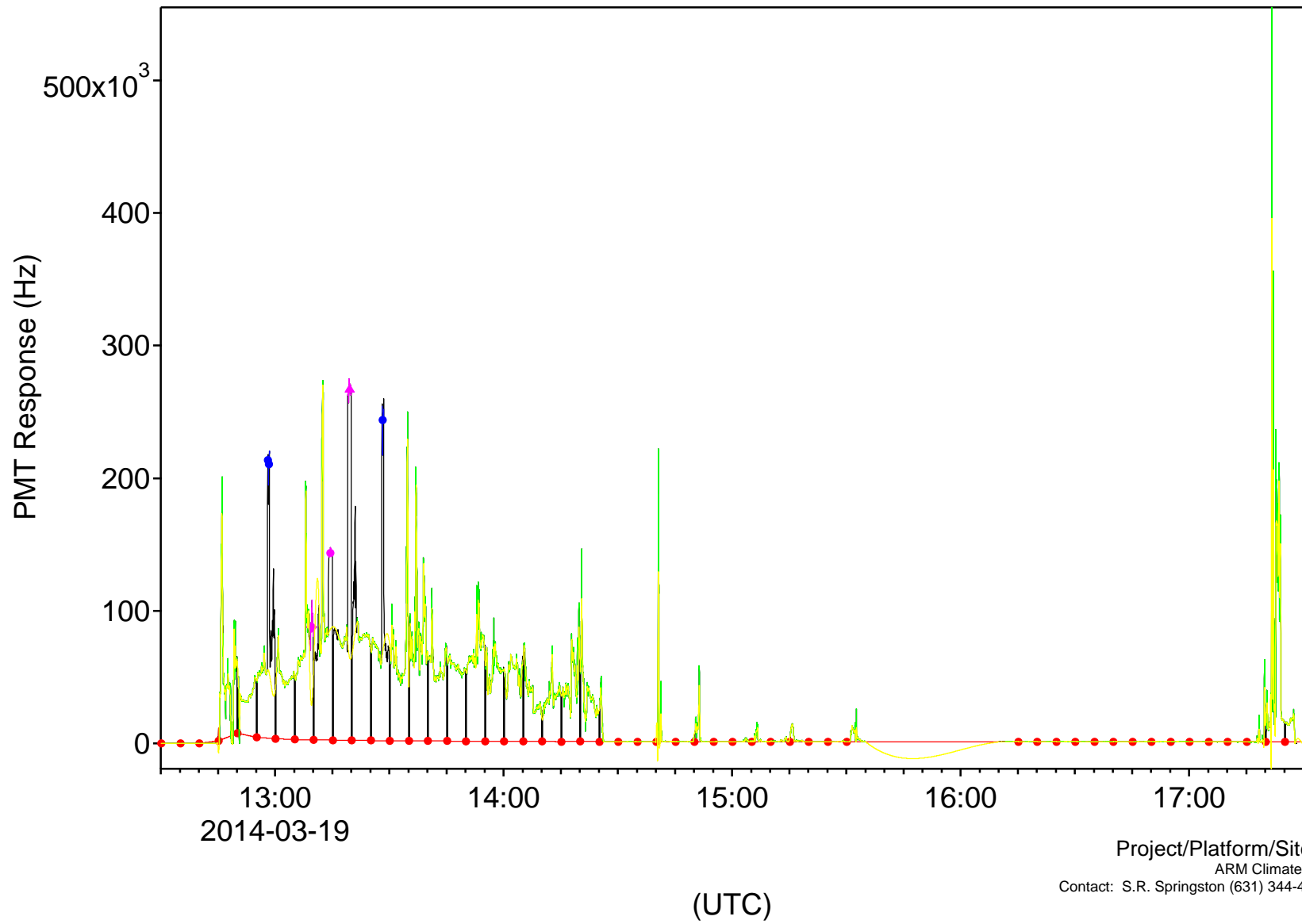


Project/Platform/Site: maoaafa1
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Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

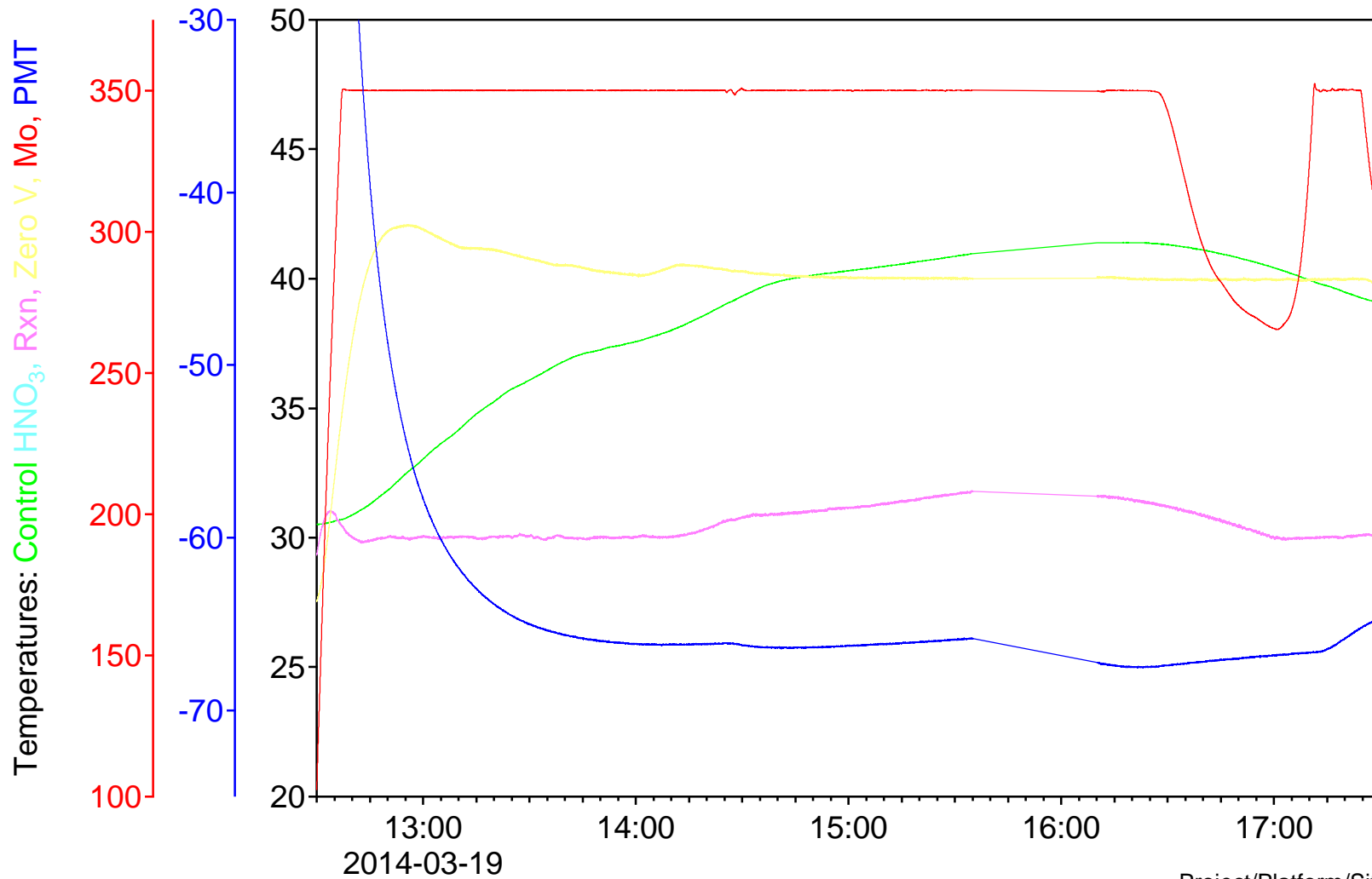
AAF 3-Channel NO_x Analyzer
Parsed NO_x Channel Data



AAF 3-Channel NO_x Analyzer
Parsed NO Channel Data

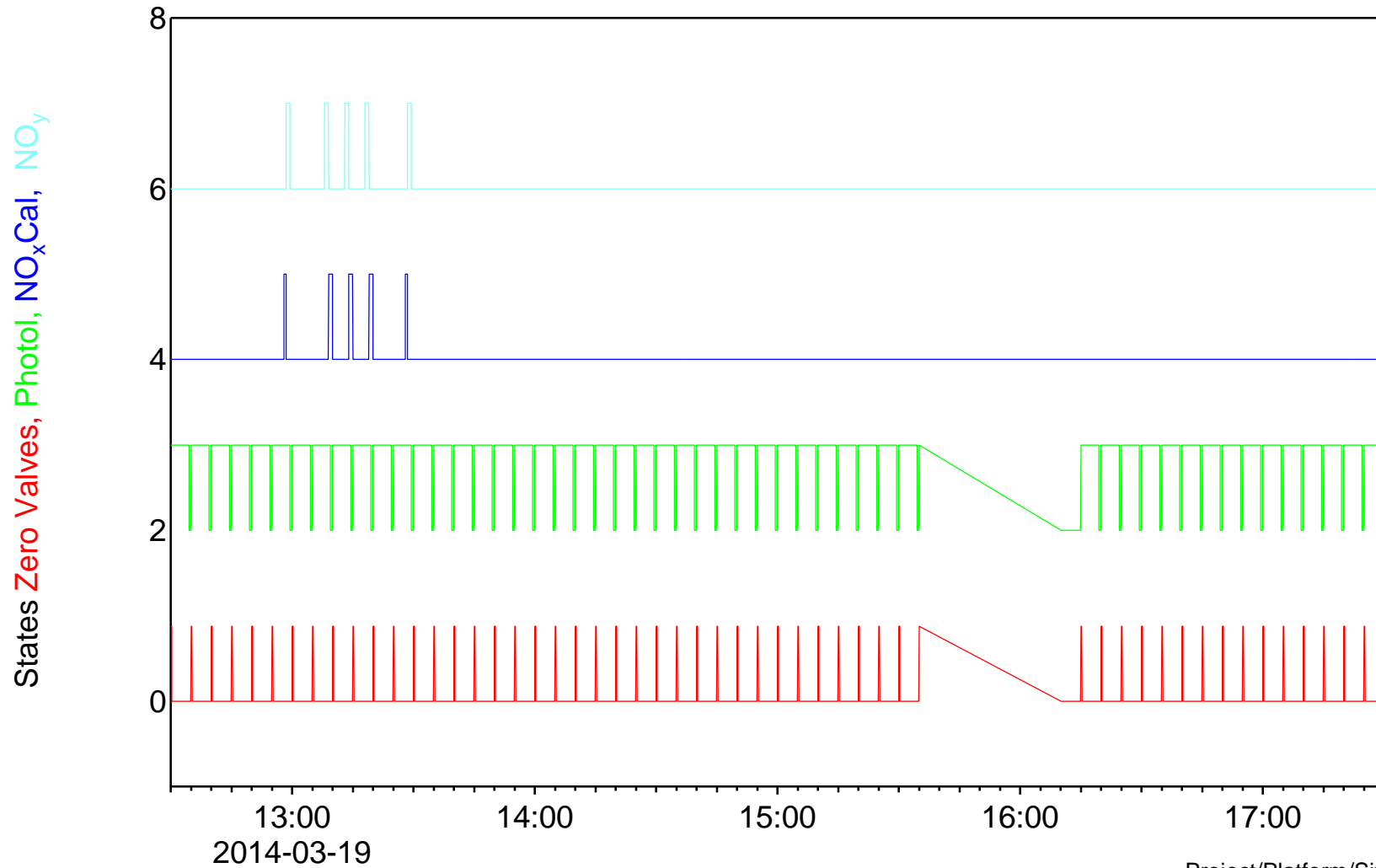


AAF 3-Channel NO_x Analyzer
Housekeeping T
Temperatures



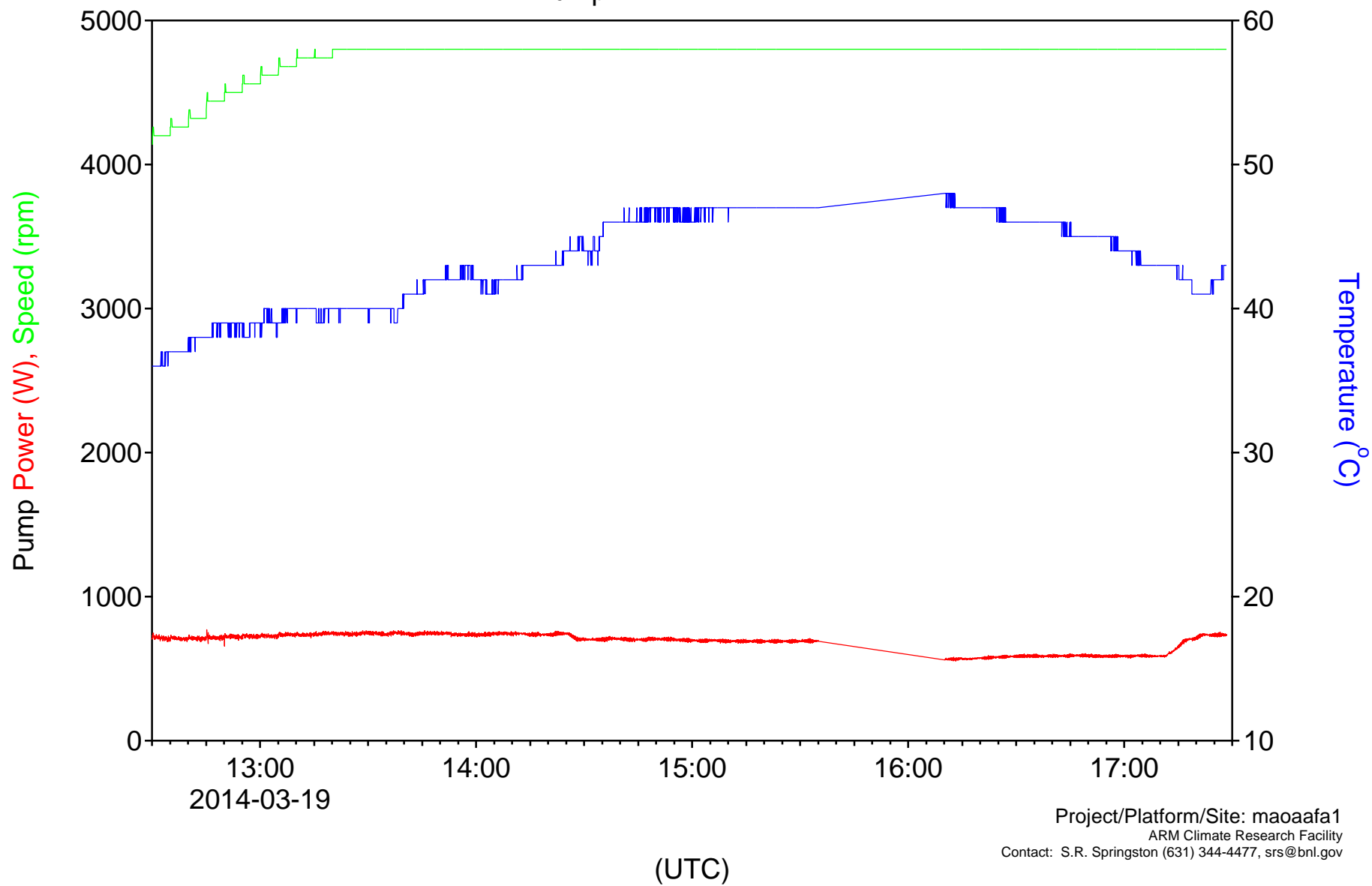
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AAF 3-Channel NO_x Analyzer
Housekeeping 5
Zeros/Photol/SAs

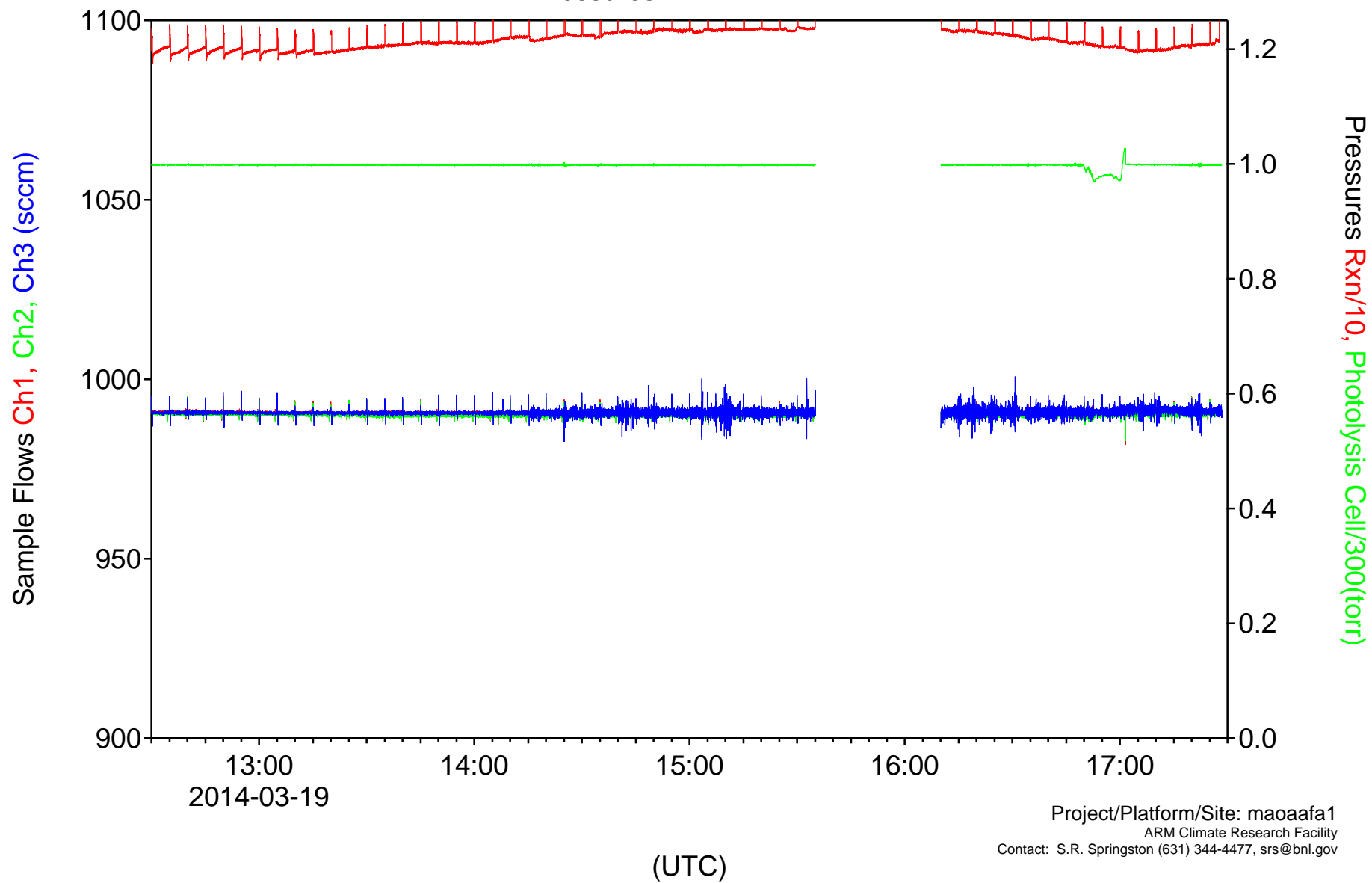


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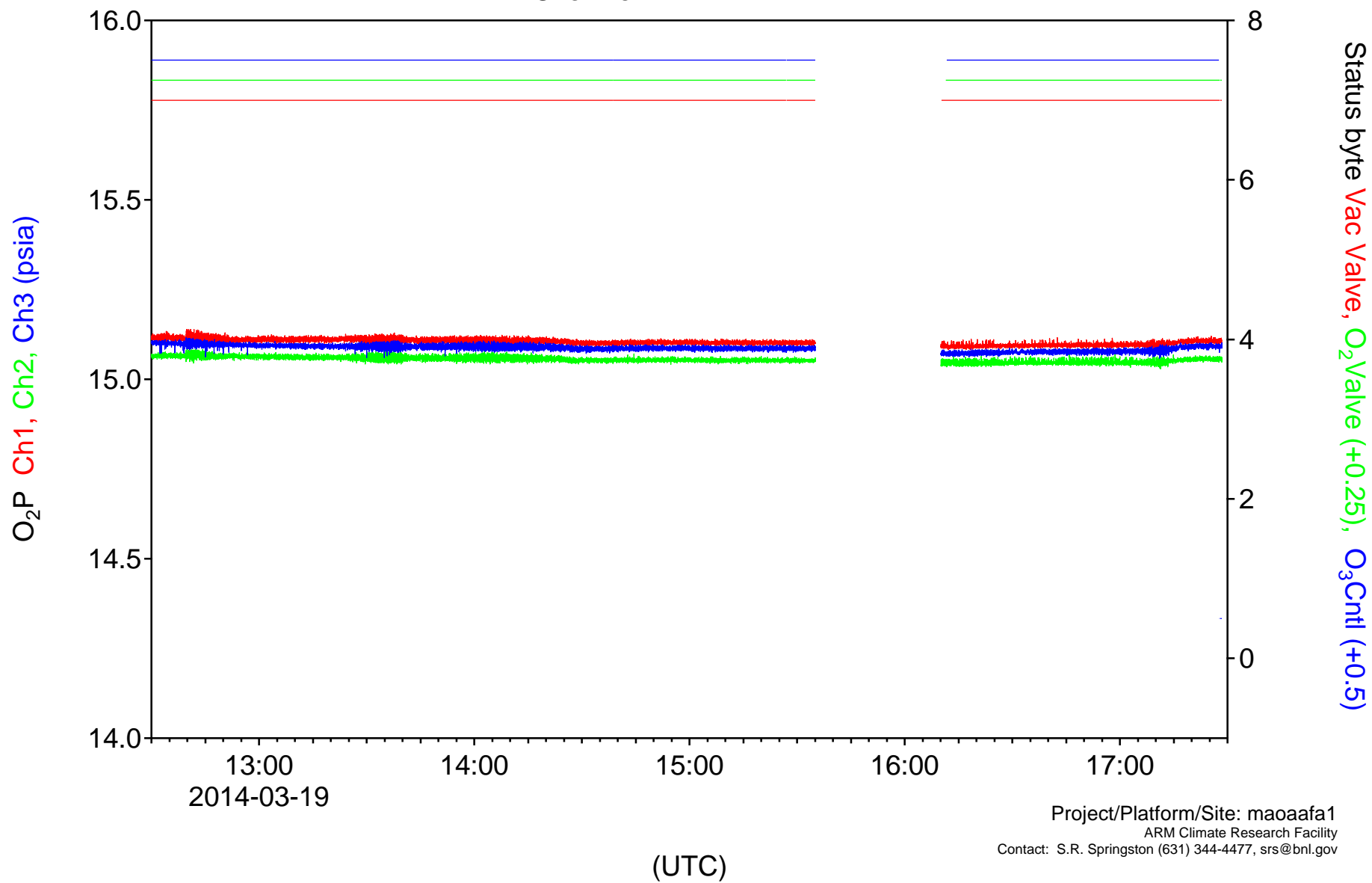
AAF 3-Channel NO_x Analyzer
Housekeeping 4
Pump



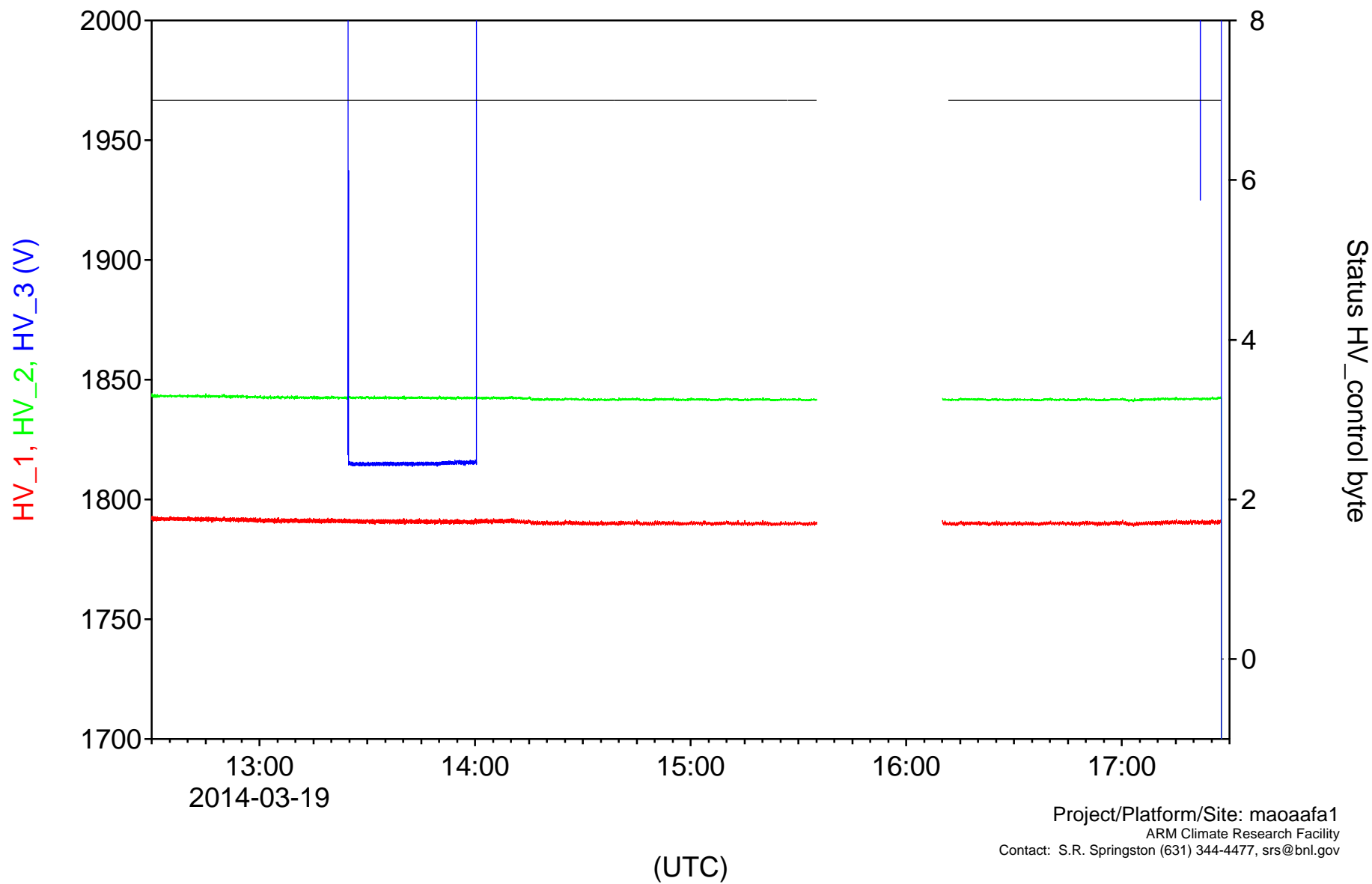
AAF 3-Channel NO_x Analyzer
Housekeeping 3
Pressures



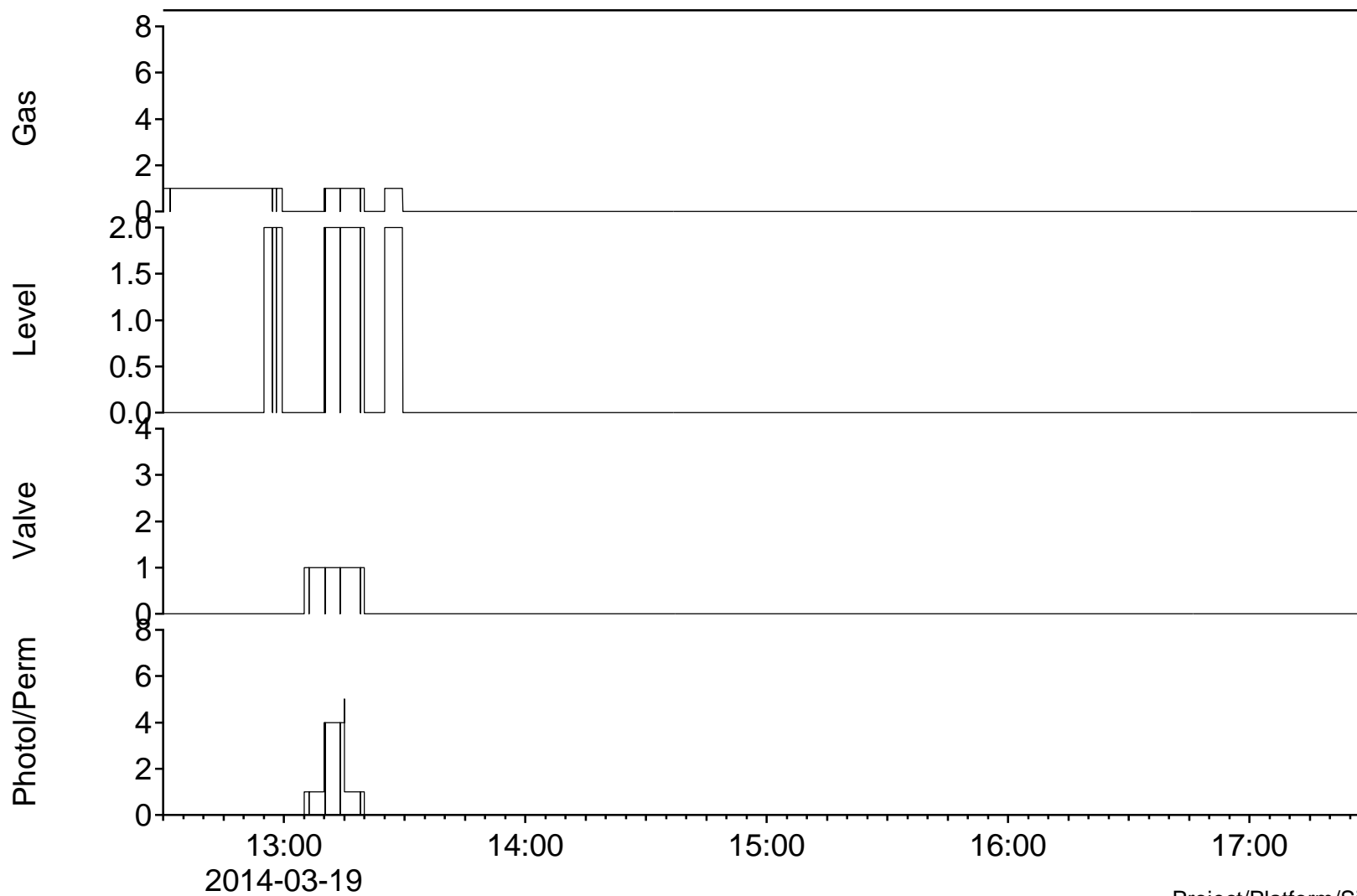
AAF 3-Channel NO_x Analyzer
Housekeeping 2
Ozonizer



AAF 3-Channel NO_x Analyzer
Housekeeping 1
PMT HV



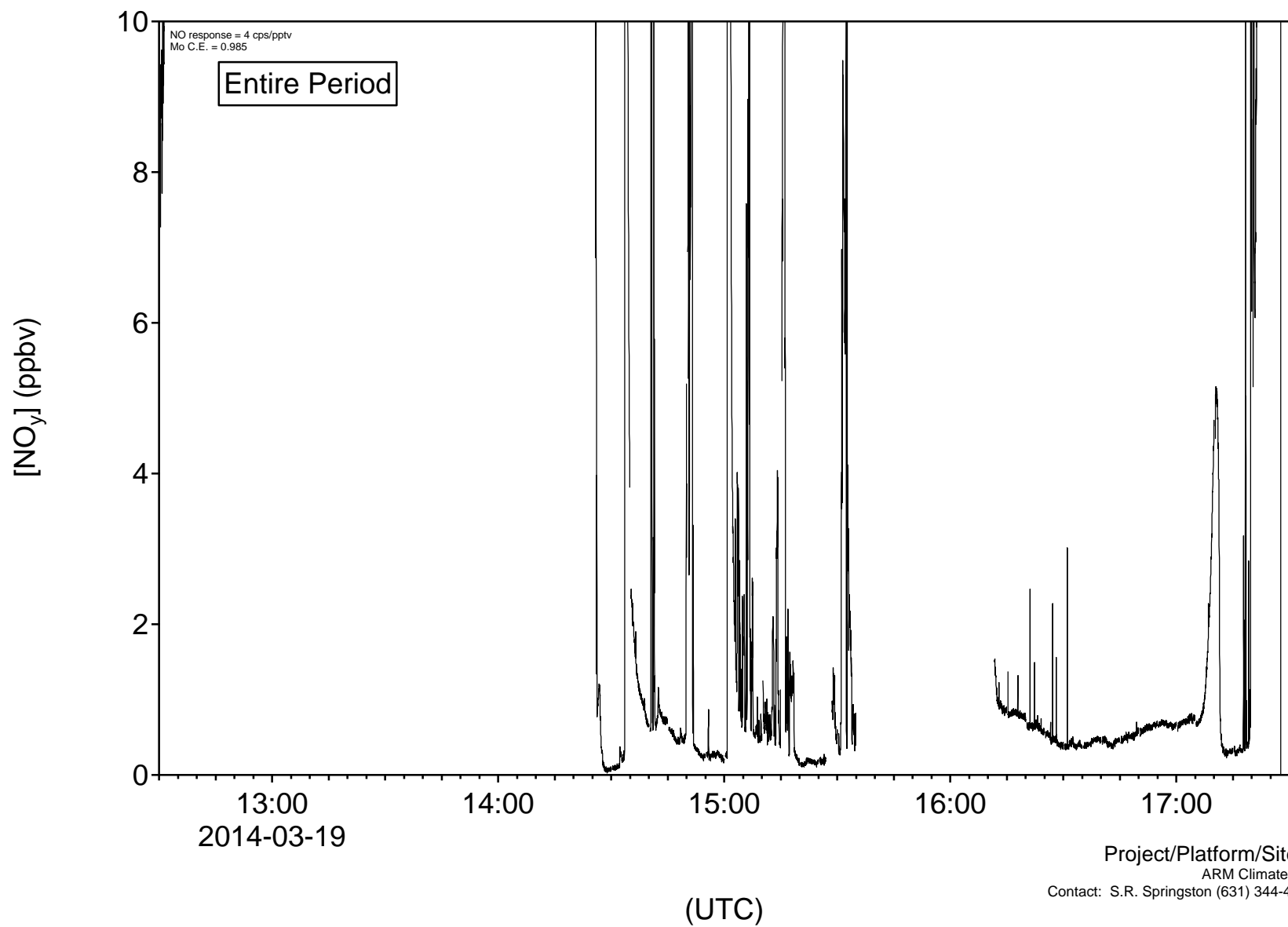
AAF TEI 146i Calibrator State



(UTC)

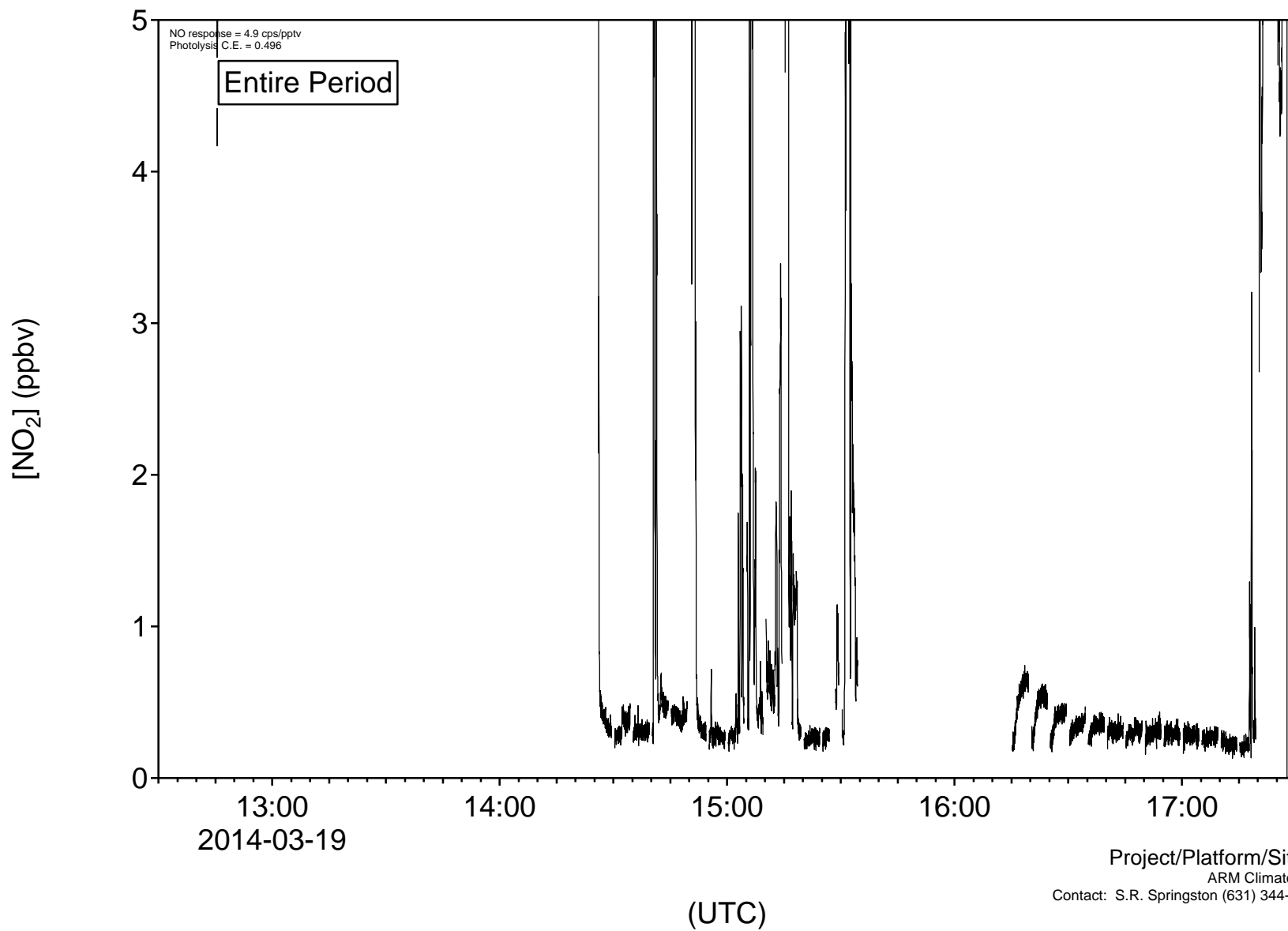
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AAF 3-Channel NO_x Analyzer
Processed NO_y Channel Data



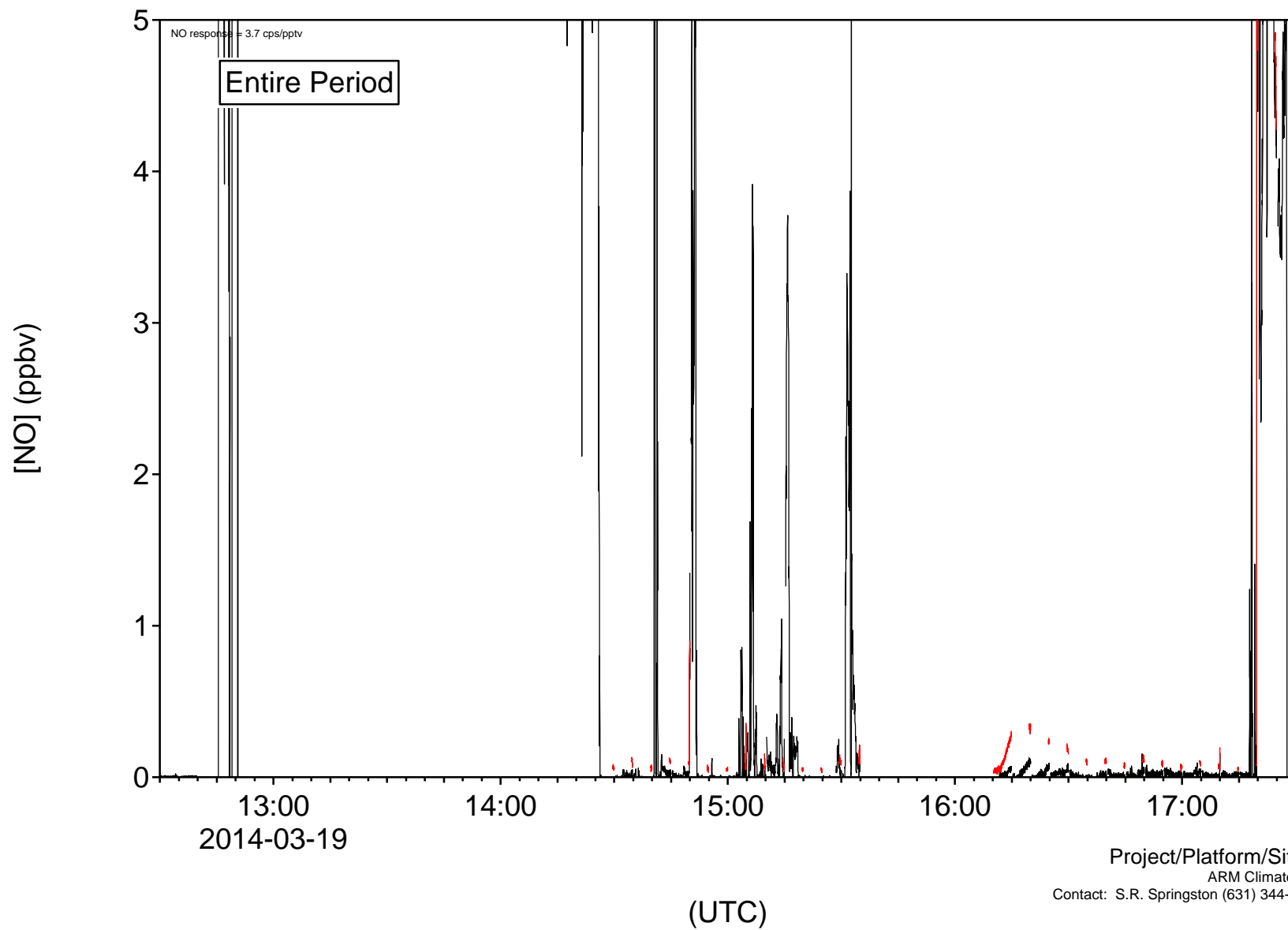
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AAF 3-Channel NO_x Analyzer
Processed NO₂ Channel Data



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AAF 3-Channel NO_x Analyzer
Processed NO Channel Data



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