

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

Loading 2015-03-01 - 2015-04-01

Data loaded from detarred, unzipped files from the DMF

To reduce Operator need for frequent filter changes, dilution turned on @ 14-02-21 21:12. Every 24-h, the dilution is turned off for 5 minutes. This was not long enough to get an undiluted sample. Dilution operational at ~0.5 until ~ 2015-02-07 when the Pentras drier died.

As always, data not reported for $T(\text{blue}) < 0.7$

Impactor in place, operational and signals are correct polarity. As confirmation, the flow signal decreases slightly when the impactor is in the 1-um state.

Some evidence of supermicron particles. A number of local events resulting in high absorbance. These were not edited.

Multiple power outages this month. These are not logged numerically so there is no way to reconcile the outage periods to the data output.

Beginning in February, data processing uses the recorded impactor state as opposed to previously when the impactor command was assumed to reflect the state.

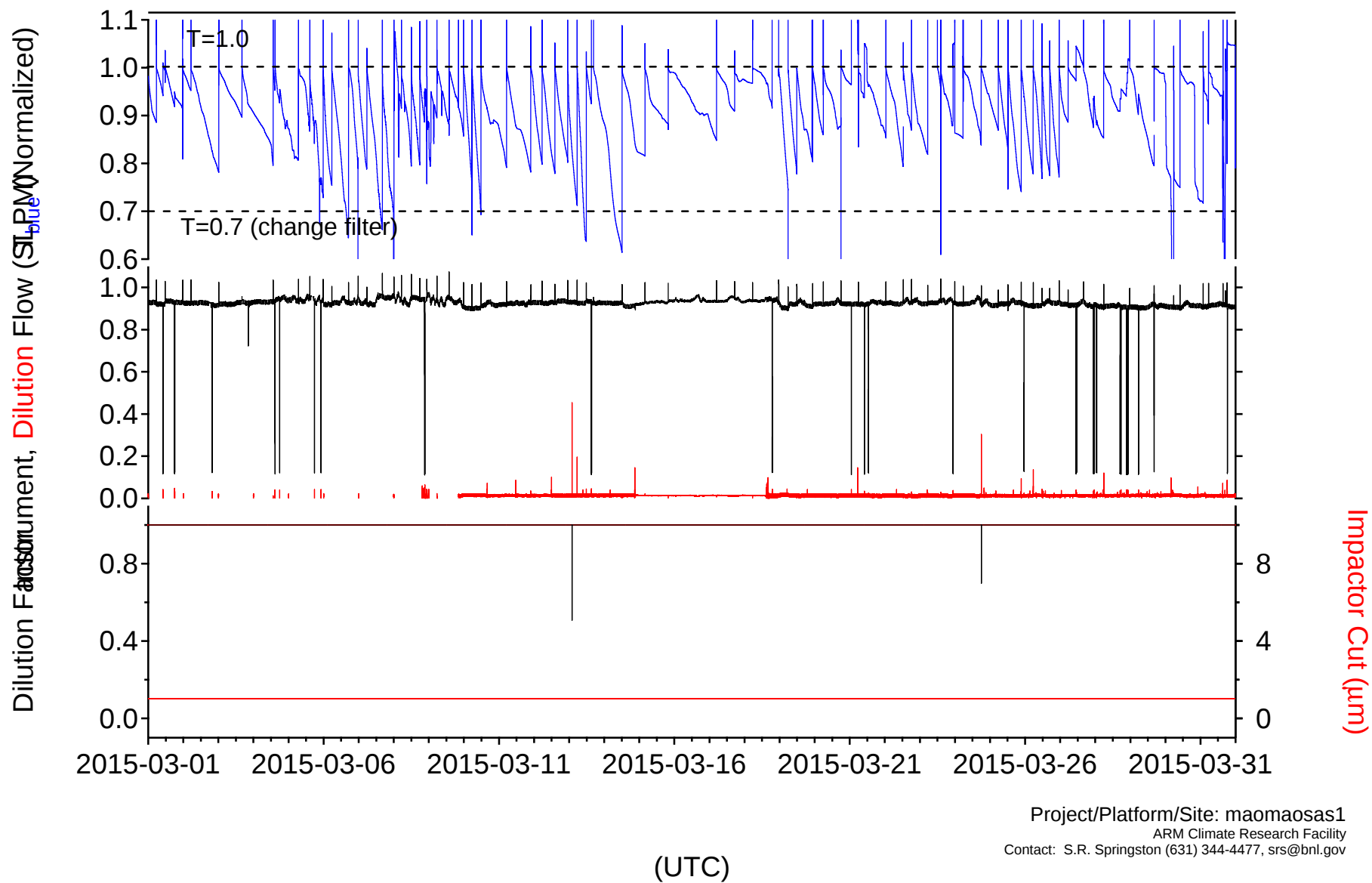
Dilution flow turned off this month due to Pentras air drier malfunction. Noise is greater than expected.

2015-03-07 11:42, 2015-03-09 22:23 DQR D150420.8 Instrument had severe oscillation. Probably related to Pentras failure. Data questionable.

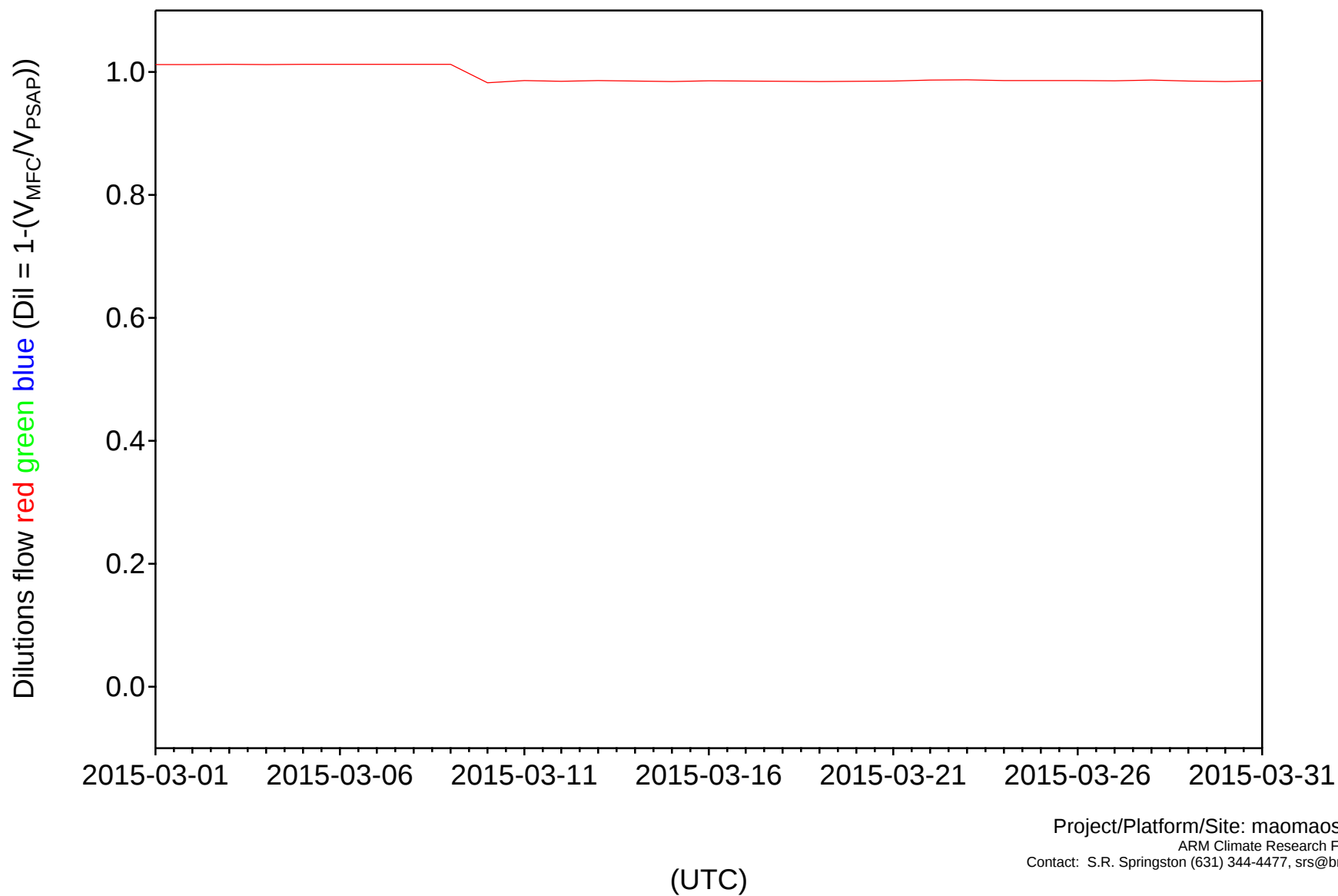
Data Gaps > 1h due to $Tr < 0.7$, pump turned off, etc. DQR D150420.9

2015-03-06 15:24:51, 2015-03-06 17:11:40
2015-03-07 14:54:02, 2015-03-07 16:23:40
2015-03-07 23:40:37, 2015-03-08 01:41:20
2015-03-08 02:49:28, 2015-03-08 04:17:11
2015-03-13 09:58:02, 2015-03-13 11:49:37
2015-03-13 15:10:49, 2015-03-13 16:49:37
2015-03-14 06:53:21, 2015-03-14 12:21:36
2015-03-18 18:55:35, 2015-03-18 23:32:34
2015-03-21 01:03:05, 2015-03-21 05:38:49
2015-03-21 10:03:12, 2015-03-21 11:43:43
2015-03-23 05:23:52, 2015-03-23 12:10:32
2015-03-23 22:38:04, 2015-03-23 23:54:33
2015-03-27 10:49:44, 2015-03-27 13:05:34
2015-03-30 04:04:45, 2015-03-30 05:44:40
2015-03-31 16:02:24, 2015-03-31 17:05:29
2015-03-31 18:25:32, 2015-03-31 23:57:11

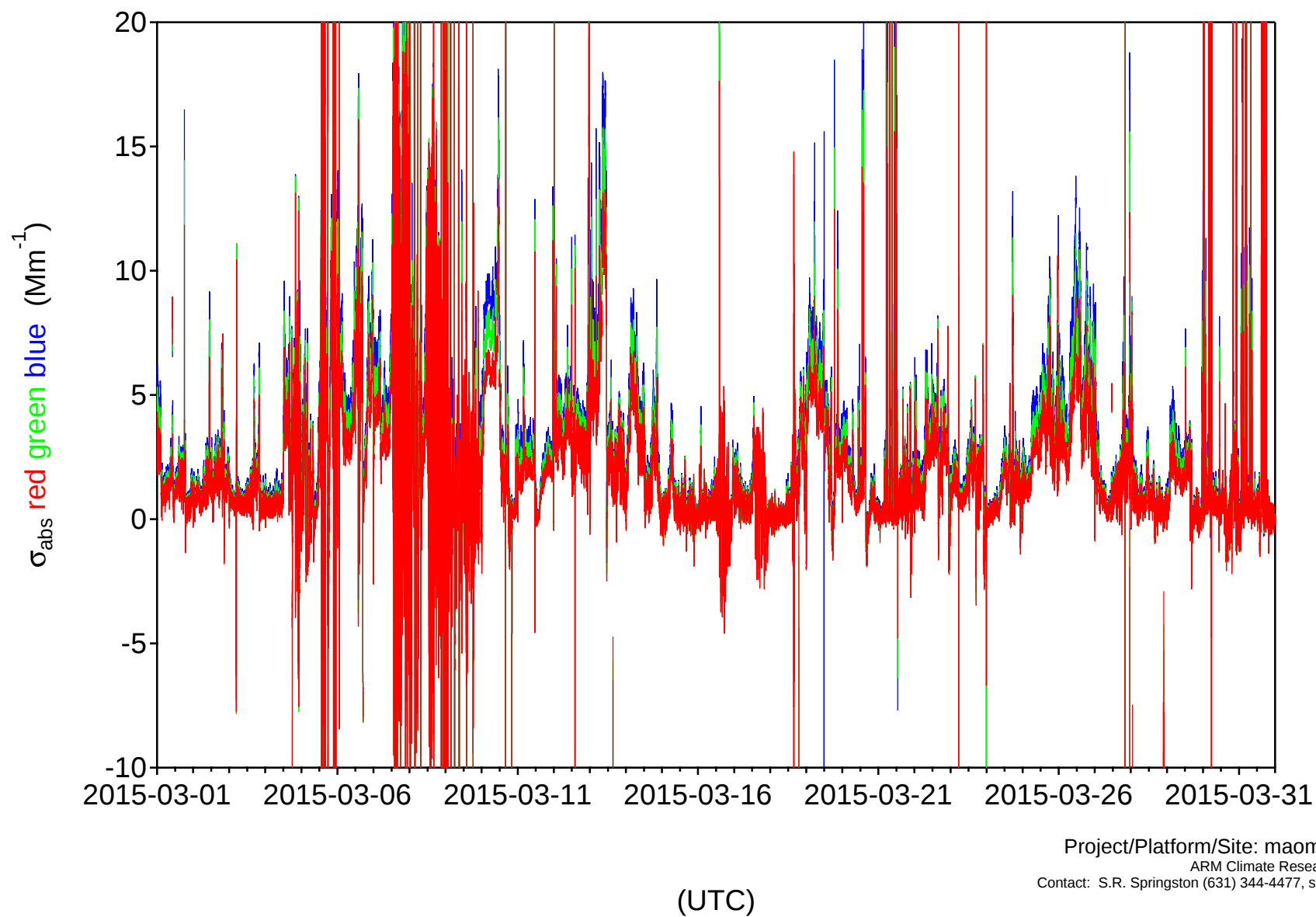
Radiance Research PSAP
Housekeeping



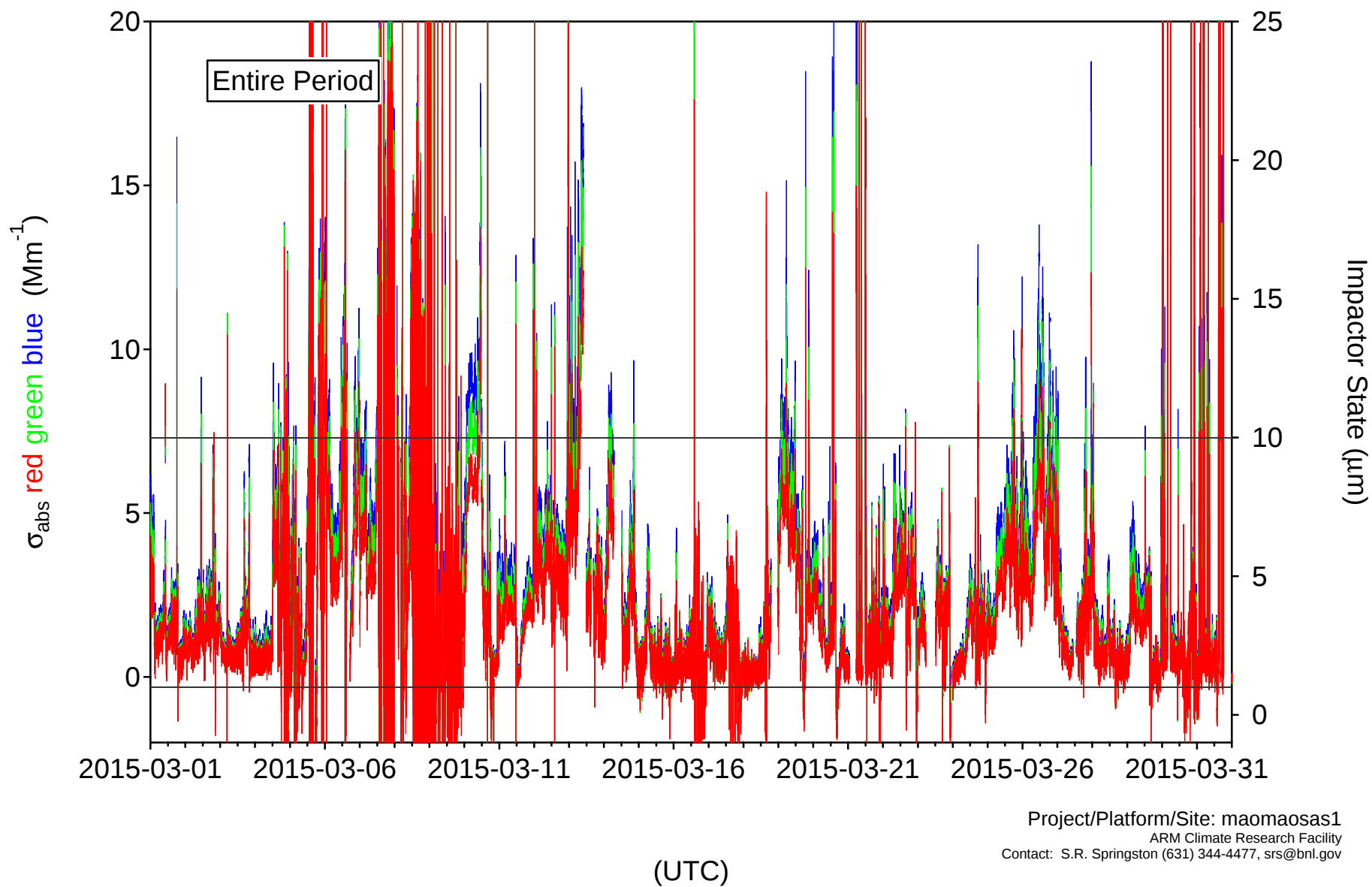
Radiance Research PSAP



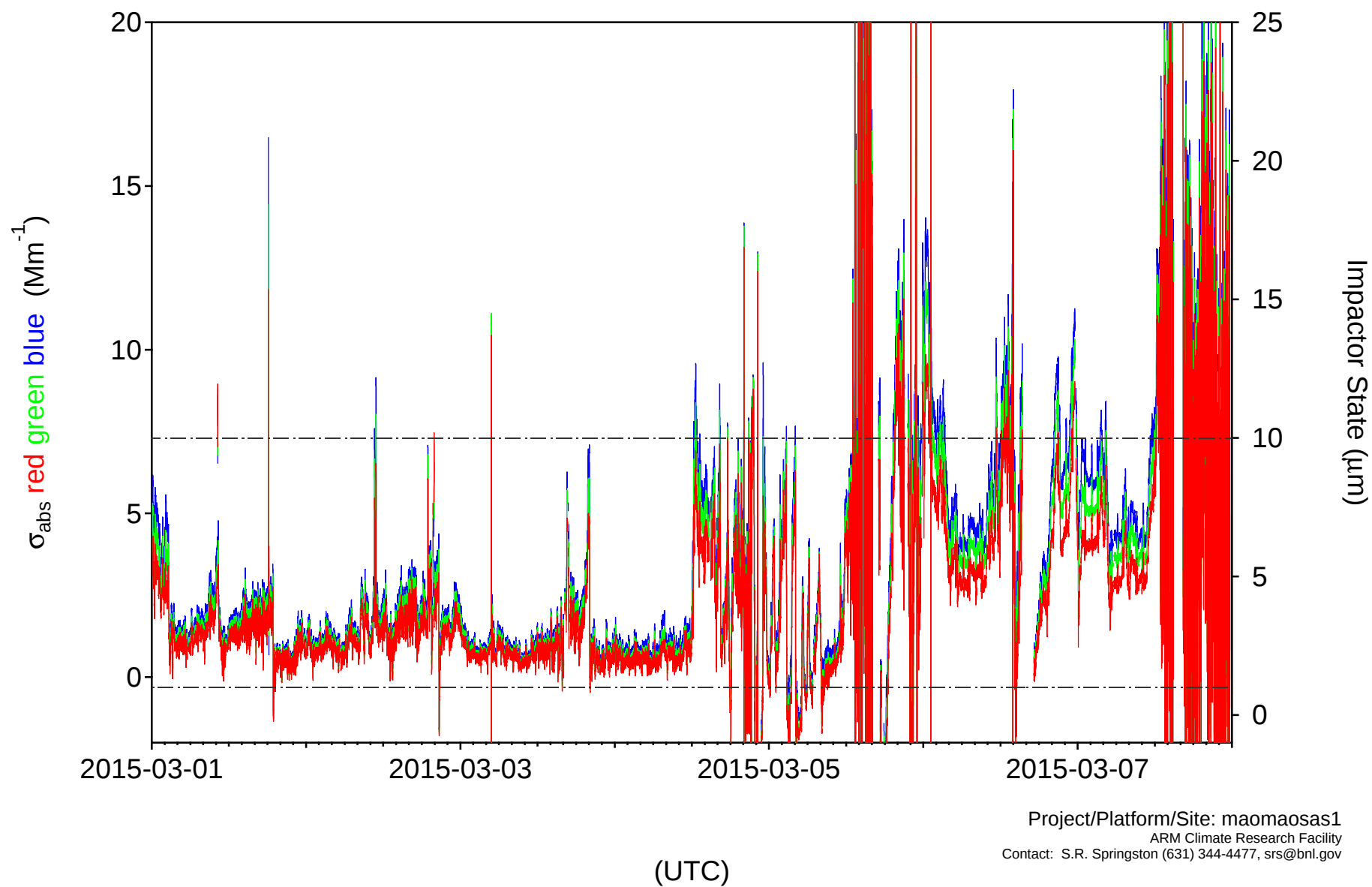
Radiance Research PSAP
Data w/o dilution factor



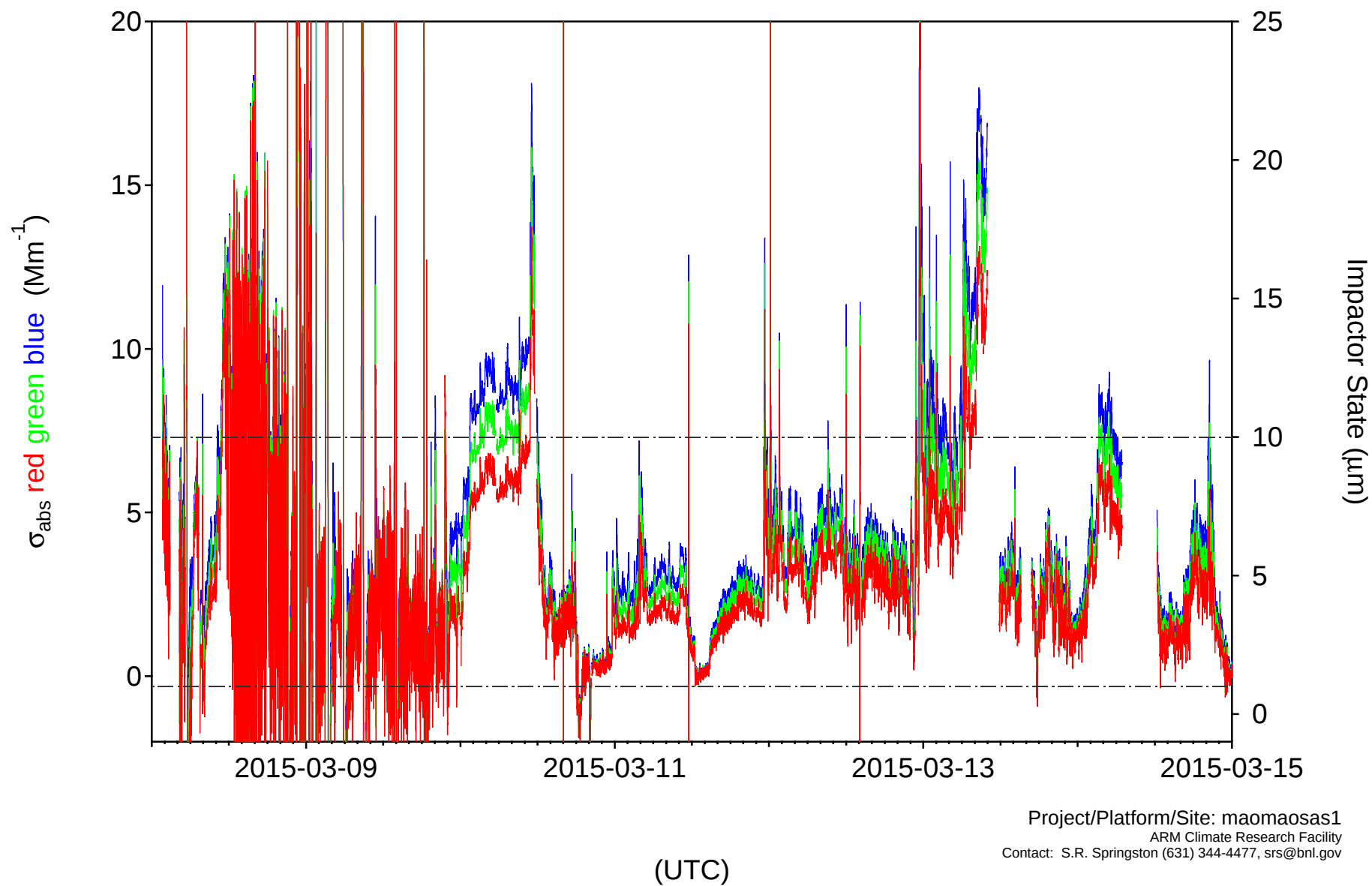
Radiance Research PSAP
with dilution factor



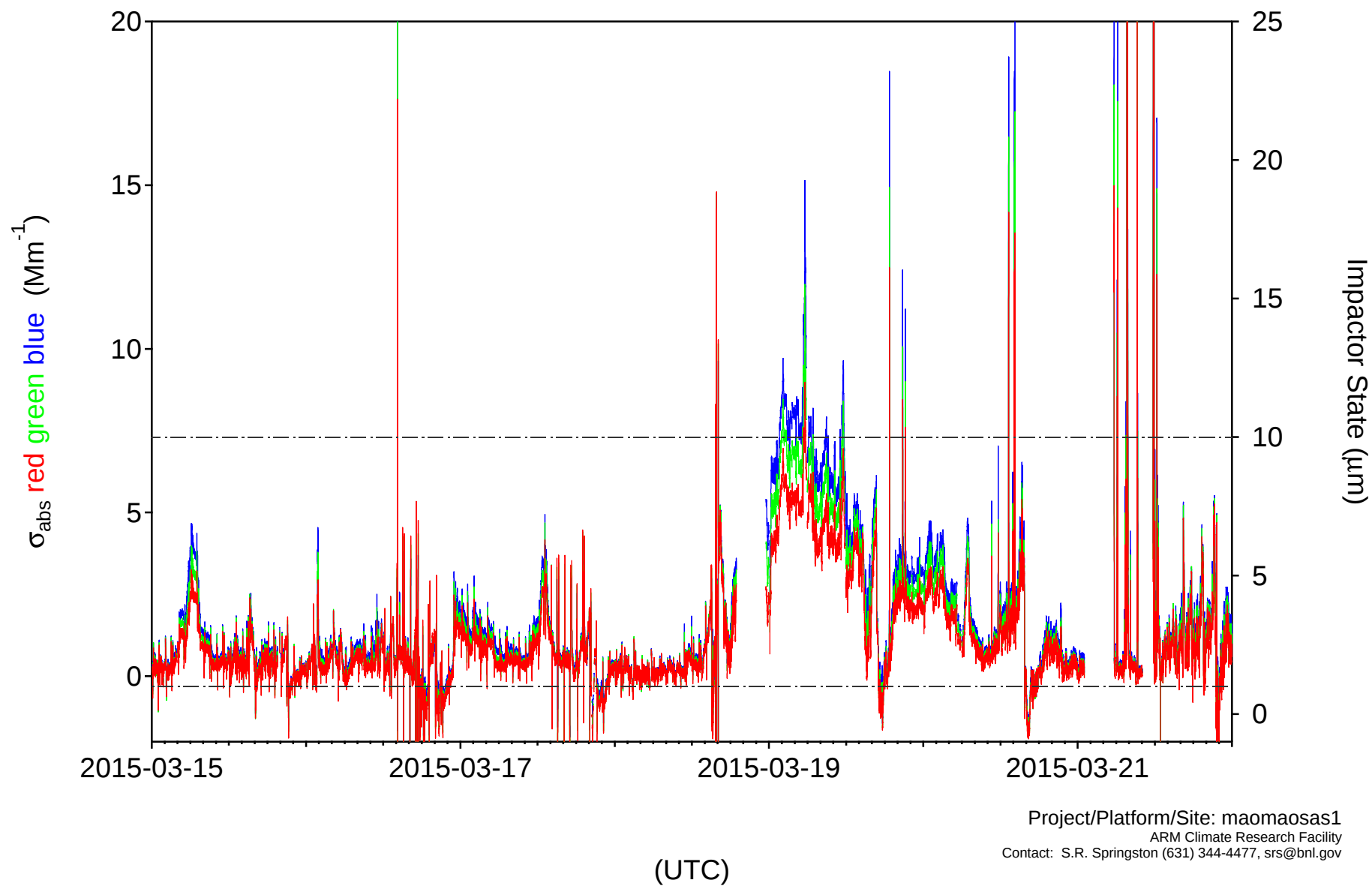
Radiance Research PSAP
with dilution factor



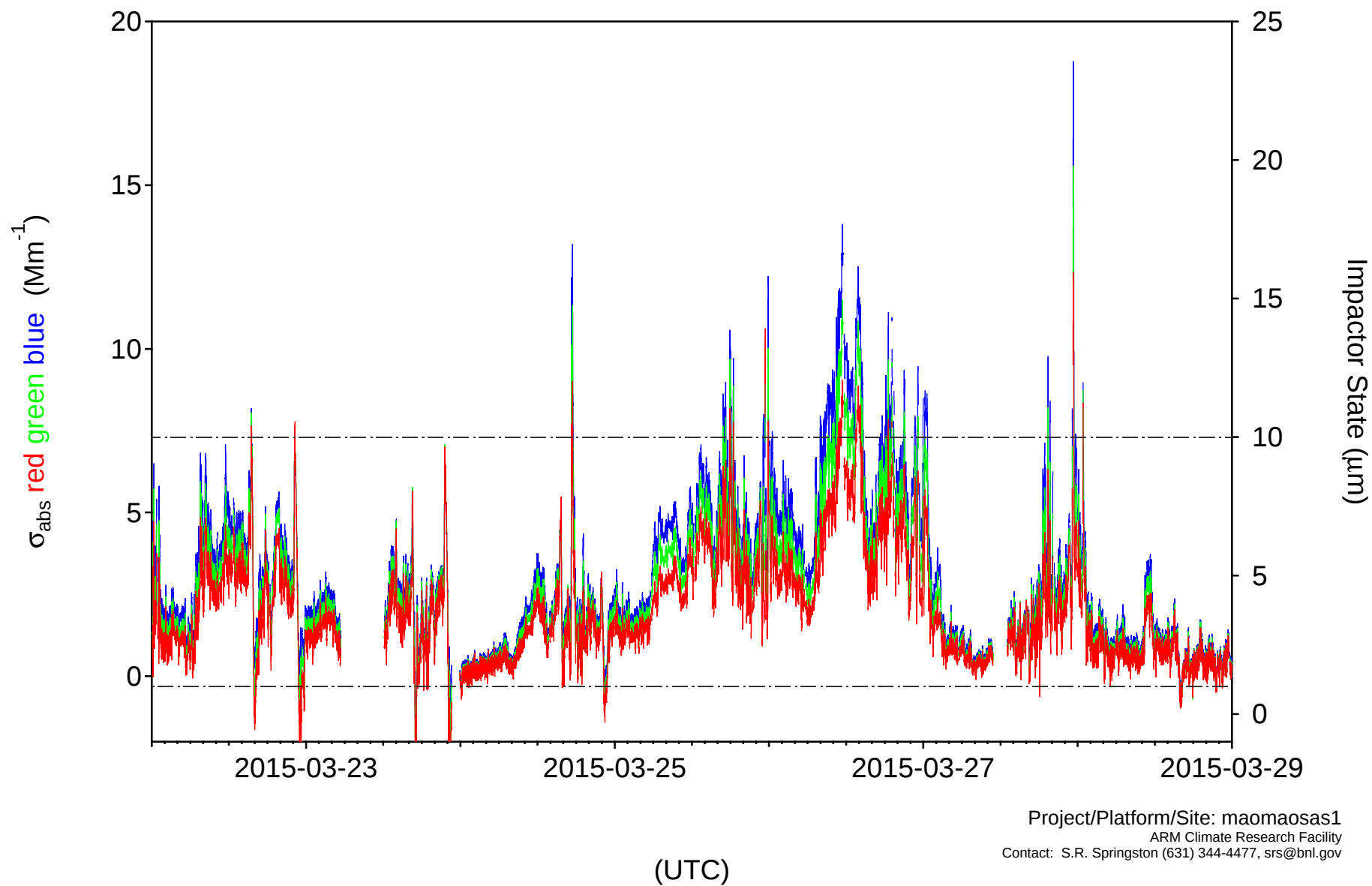
Radiance Research PSAP
with dilution factor



Radiance Research PSAP
with dilution factor



Radiance Research PSAP
with dilution factor



Radiance Research PSAP
with dilution factor

