

# STR QC Report: PRIA 2016

The file used in this QC routine is:

ESD\_NCRMP\_Temperature\_2016\_PRIA.csv

QC run at: 2020-06-03 18:48:10 HST

Number of records in data file: 957469

Number of STR time series in data file: 11

## Get data ranges

	Min	Max
Latitude	-0.373939	5.897421
Longitude	-162.1213	-159.9788
Depth	4.6	25.6
DeployUTC	2015-04-16 20:25:00	2015-11-12 23:00:00
RetrieveUTC	2016-05-17 11:39:59	2016-05-21 23:50:00
ValidDataStart	2015-04-16 21:34:59	2015-11-13 17:51:52
ValidDataEnd	2016-05-17 11:39:59	2016-05-21 13:26:50
TimeStamp	2015-04-16 21:34:59	2016-05-21 13:26:50
Temperature	20.4276	31.3504

## Check for NULLs in all metadata fields

“OK” signifies that no NULL data exist. “Not OK” signifies that NULL values are present.

	OK?
OCC_SITEID	OK
LATITUDE	OK
LONGITUDE	OK
DEPTH	OK
REGION	OK
LOCATION	OK
INSTRUMENTTYPE	OK
DEPLOYCRUISE	Not OK
DEPLOYUTC	OK
RETRIEVECRUISE	Not OK
RETRIEVEUTC	OK
VALIDDATASTART	OK
VALIDDATAEND	OK

NOTE: The NA values in the deploy and retrieve cruises are correct (for STRs deployed at Jarvis by WHOI in Nov 2015 and retrieved at Palmyra by SIO in May 2016).

### Is there more than one STR per MISSIONINSTRUMENTID?

[1] “Only one STR per MISSIONINSTRUMENTID”

### Is there more than one instrument type?

[1] “Only STRs in data”

### Do the deploy and recover dates match the cruises?

DEPLOYCRUISE	DEPLOYUTC.range
HA1501_Line	2015-04-16 20:25:00, 2015-04-18 21:12:00
NA	2015-11-12 23:00:00, 2015-11-12 23:00:00

RETRIEVECRUISE	RETRIEVEUTC.range
SE1602	2016-05-18 21:27:00, 2016-05-21 23:50:00
NA	2016-05-17 11:39:59, 2016-05-20 10:39:59

### Are any STRs uploaded twice?

[1] “No duplicates present”

### Are all VALIDDATASTART after DEPLOYUTC?

[1] “All VALIDDATASTART are OK”

### Are all VALIDDATAEND before RETRIEVEUTC?

[1] “All VALIDDATAEND are OK”

### Are all TIMESTAMP after VALIDDATASTART?

[1] “All TIMESTAMP are OK”

### Are all TIMESTAMP before VALIDDATAEND?

[1] “All TIMESTAMP are OK”

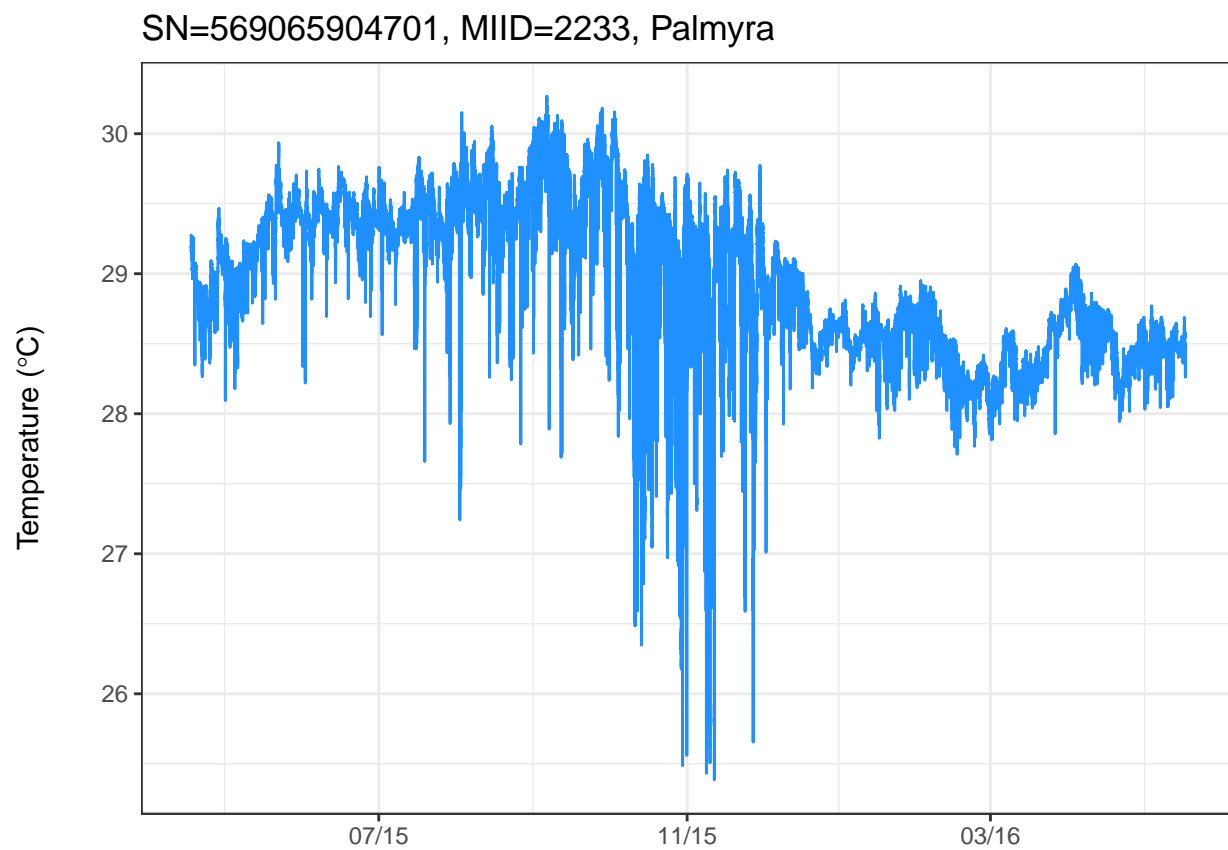
### Do all STRs have the expected number of observations?

[1] “All STRs have expected number of observations”

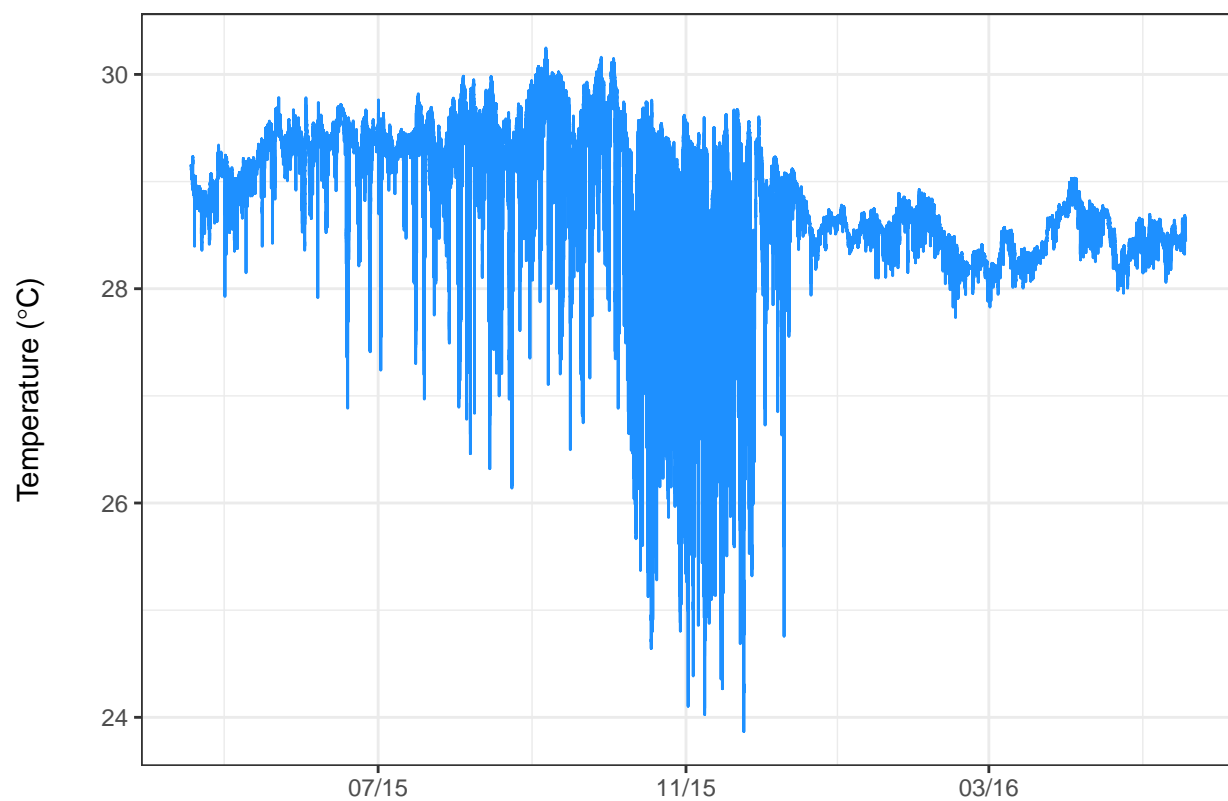
## Summary of STRs

MISSIONINSTRUMENTID	INSTRUMENTSN	LOCATION	VALIDDATASTART	VALIDDATAEND	INTERVAL
2233	569065904701	Palmyra	2015-04-17 03:59:59	2016-05-17 20:44:59	5 mins
2234	5604644	Palmyra	2015-04-17 07:04:59	2016-05-18 14:59:59	5 mins
2235	569065904697	Palmyra	2015-04-16 21:34:59	2016-05-19 01:49:59	5 mins
2237	5604626	Palmyra	2015-04-18 02:24:59	2016-05-18 09:49:59	5 mins
2238	5604649	Palmyra	2015-04-18 03:14:59	2016-05-17 11:39:59	5 mins
2241	569065904656	Palmyra	2015-04-19 06:04:59	2016-05-20 10:39:59	5 mins
2267	5604653	Jarvis	2015-11-13 12:50:05	2016-05-18 09:05:05	5 mins
2268	5604693	Jarvis	2015-11-13 17:51:52	2016-05-18 12:56:52	5 mins
2269	5604637	Jarvis	2015-11-12 23:04:10	2016-05-20 10:54:10	5 mins
2270	5604655	Jarvis	2015-11-12 23:03:17	2016-05-20 16:18:17	5 mins
2271	5604695	Jarvis	2015-11-12 23:01:50	2016-05-21 13:26:50	5 mins

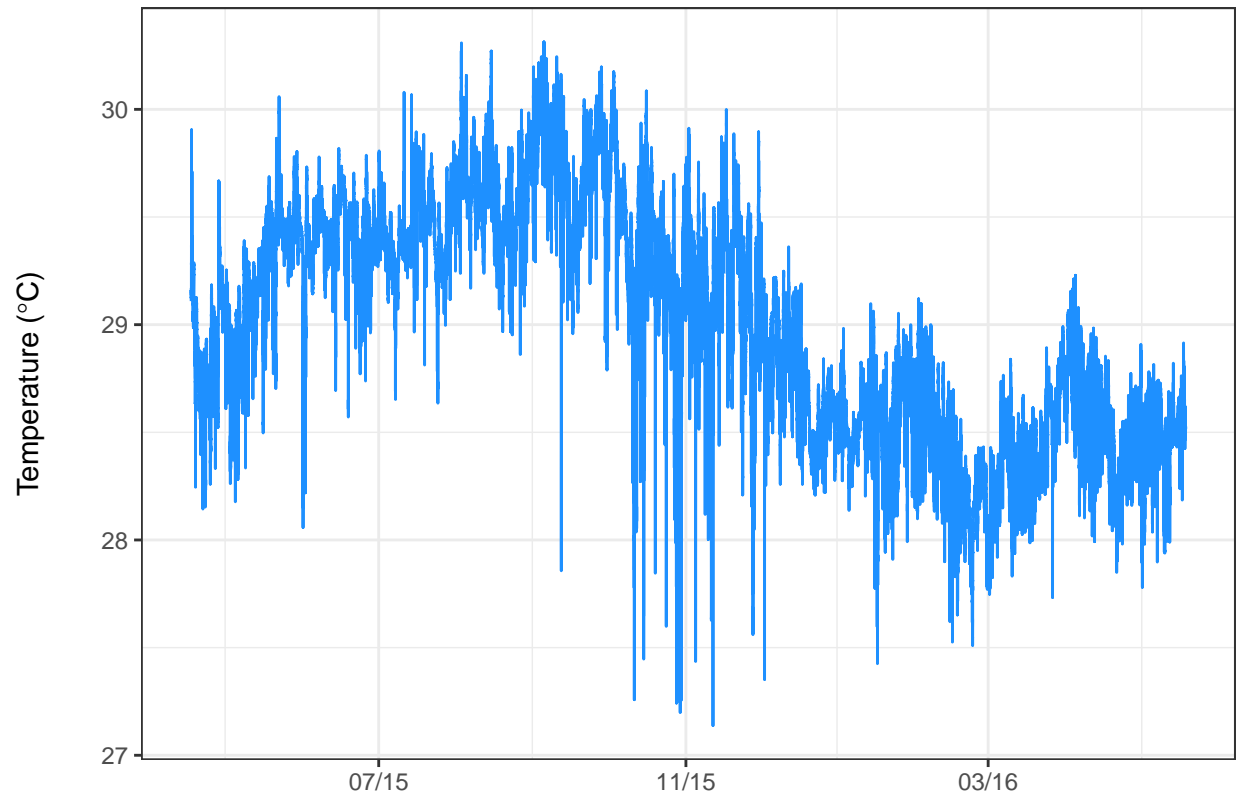
Individual STR plots by SN:



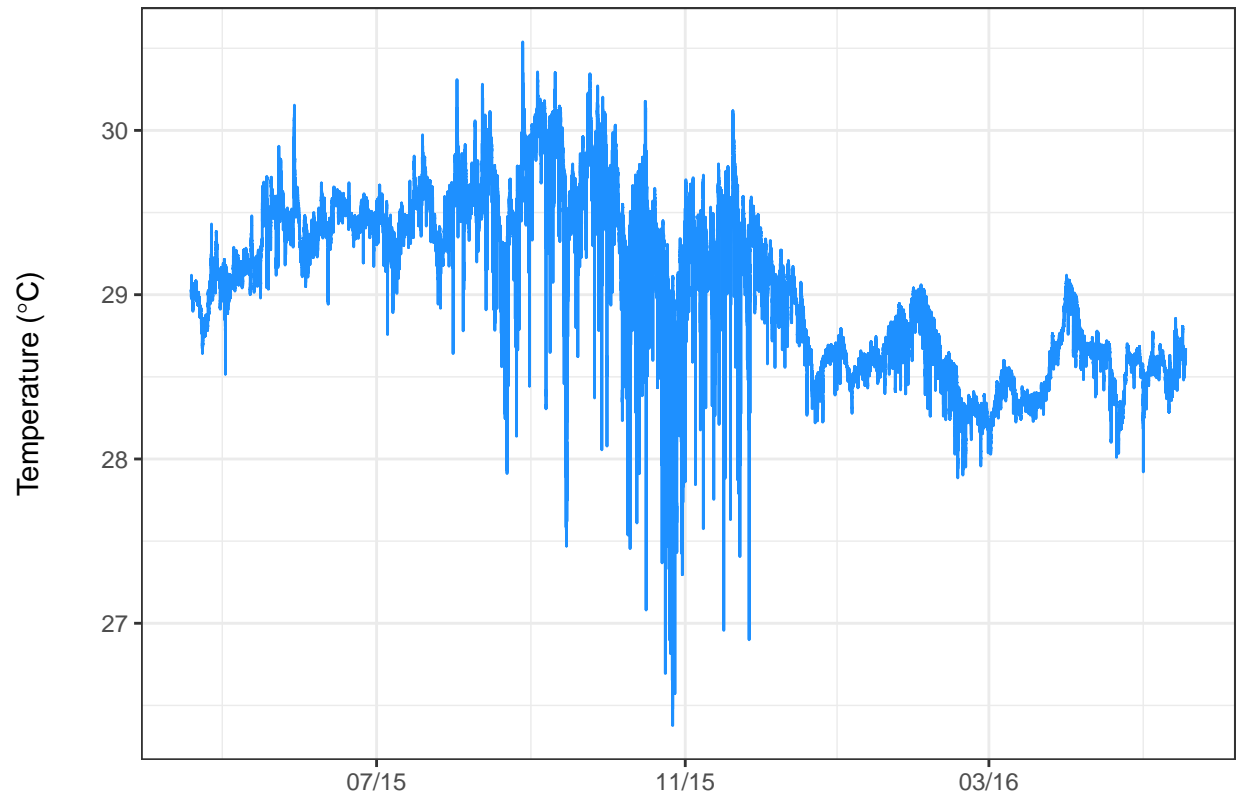
SN=5604644, MIID=2234, Palmyra



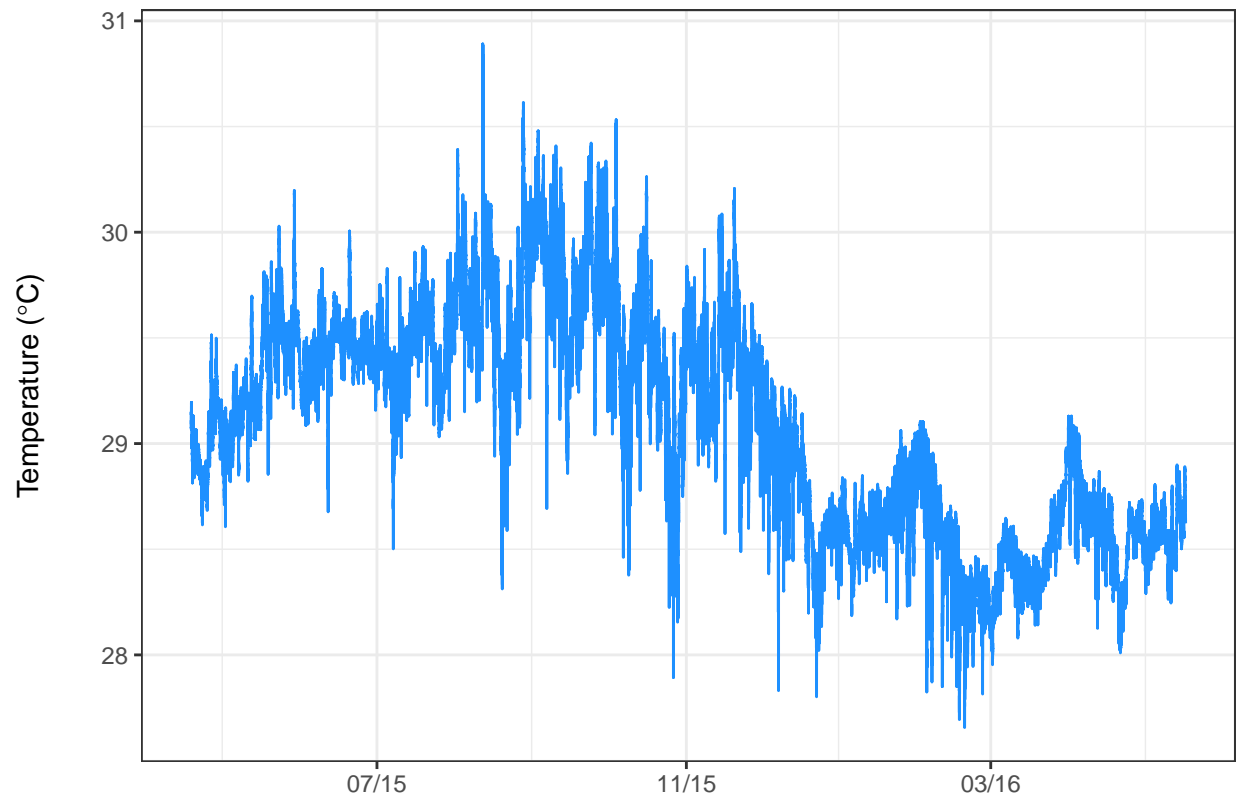
SN=569065904697, MIID=2235, Palmyra



SN=5604626, MIID=2237, Palmyra

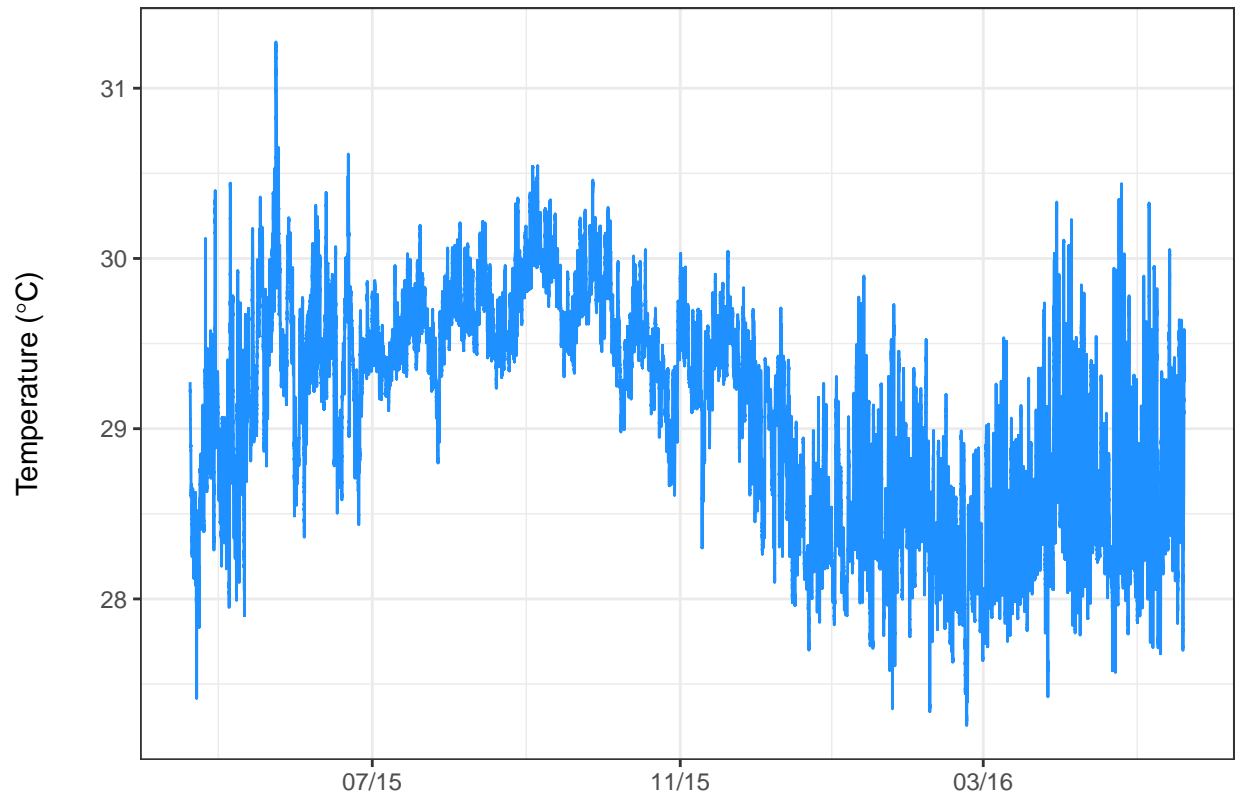


SN=5604649, MIID=2238, Palmyra

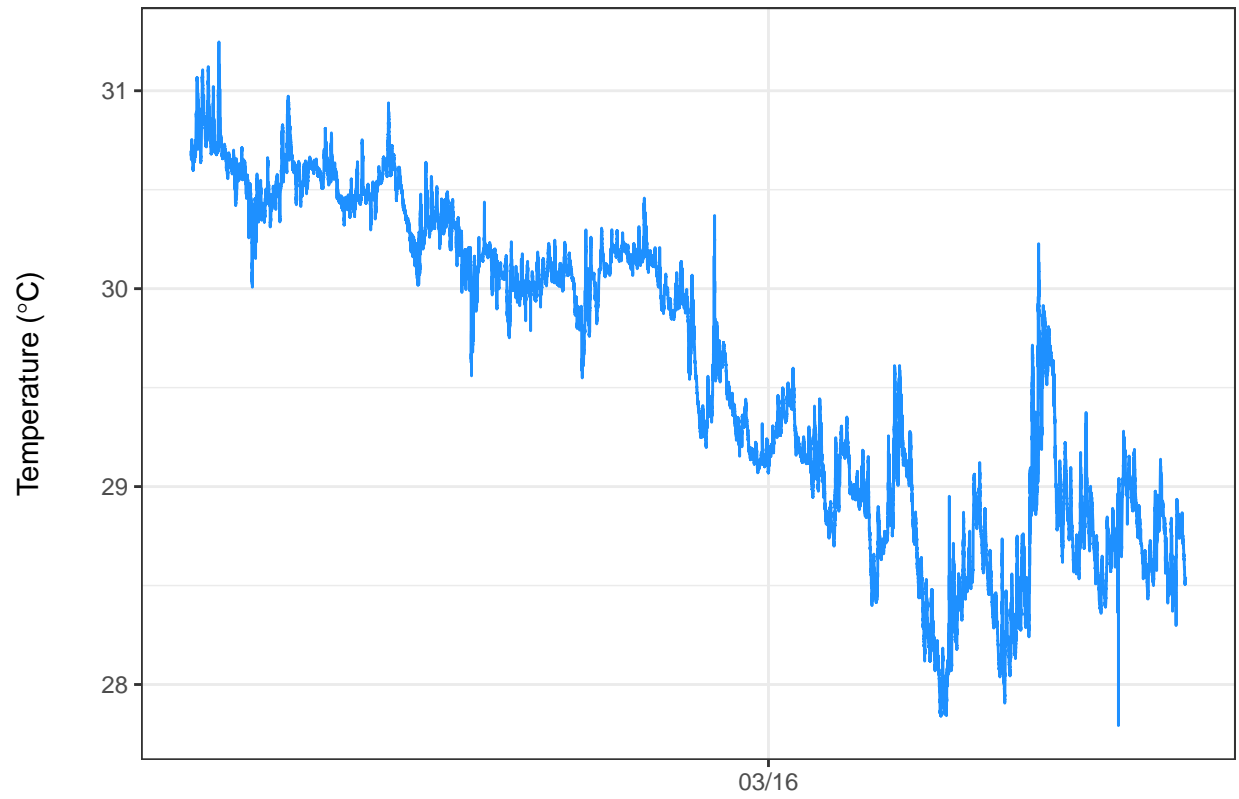




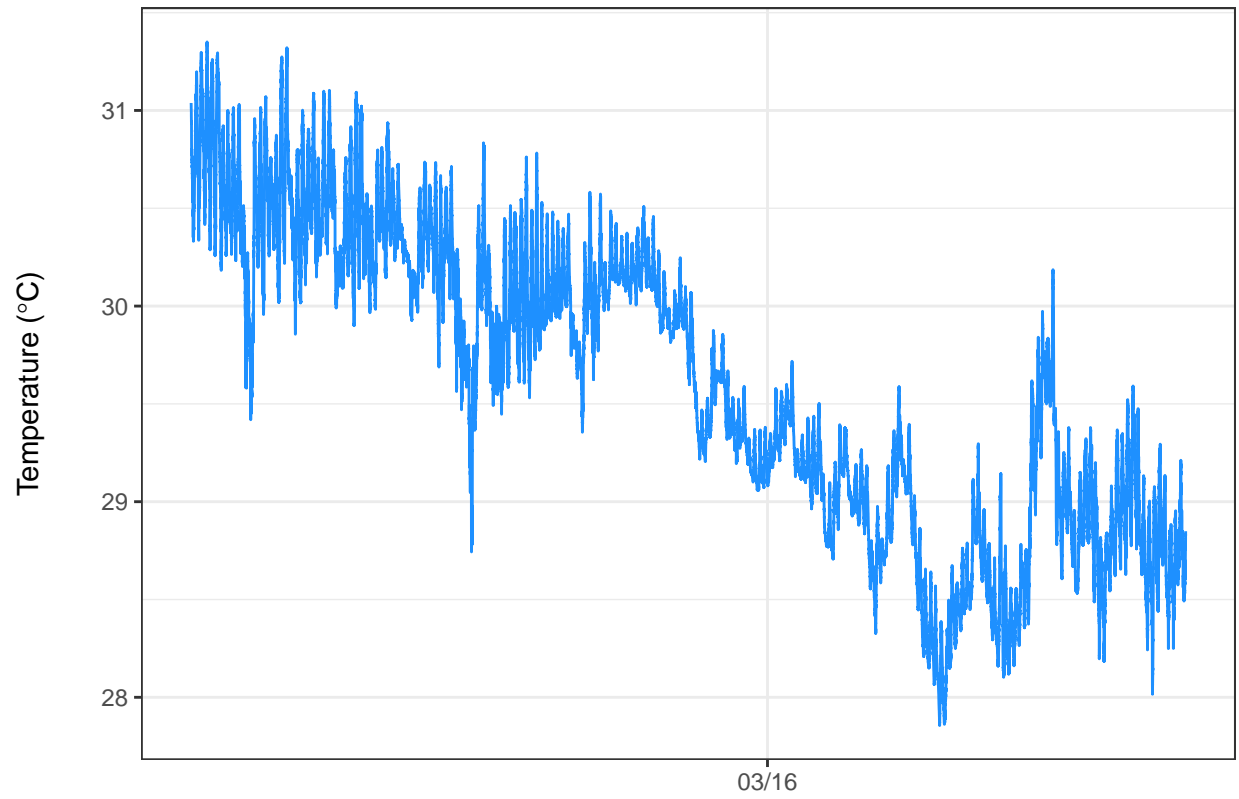
SN=569065904656, MIID=2241, Palmyra



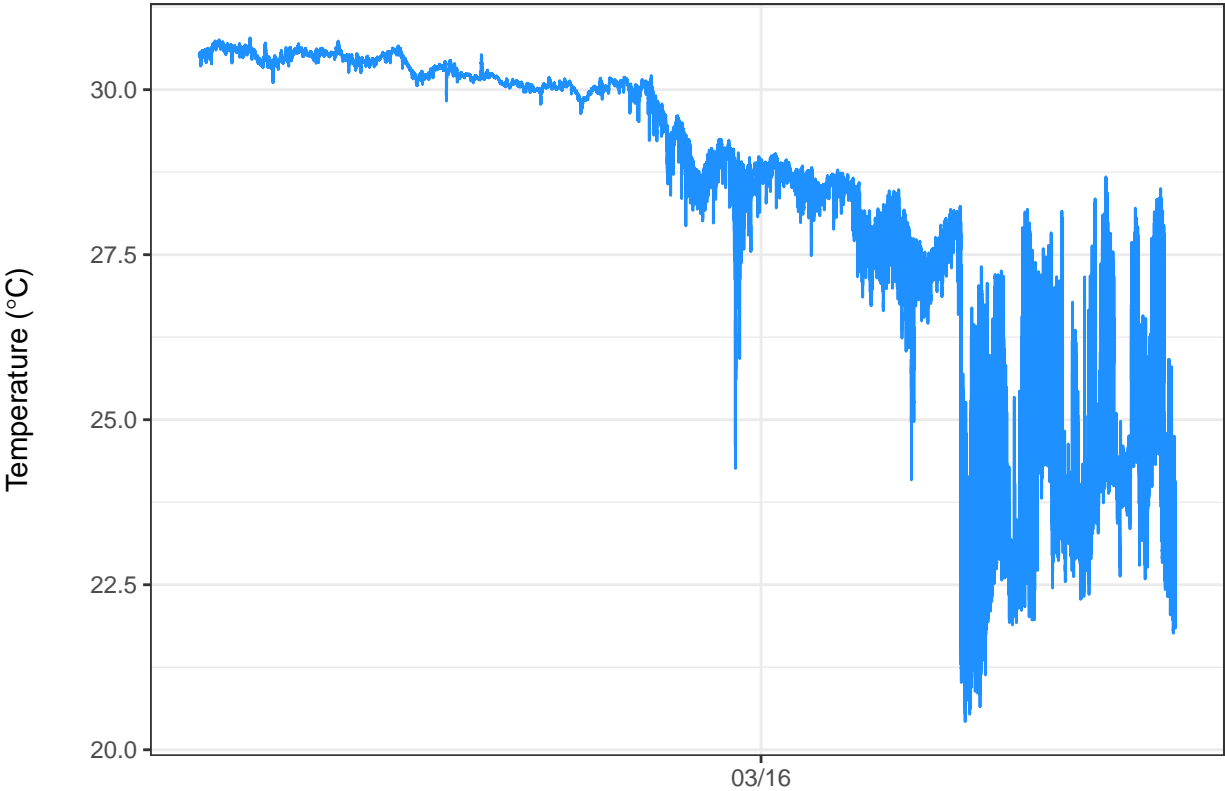
SN=5604653, MIID=2267, Jarvis



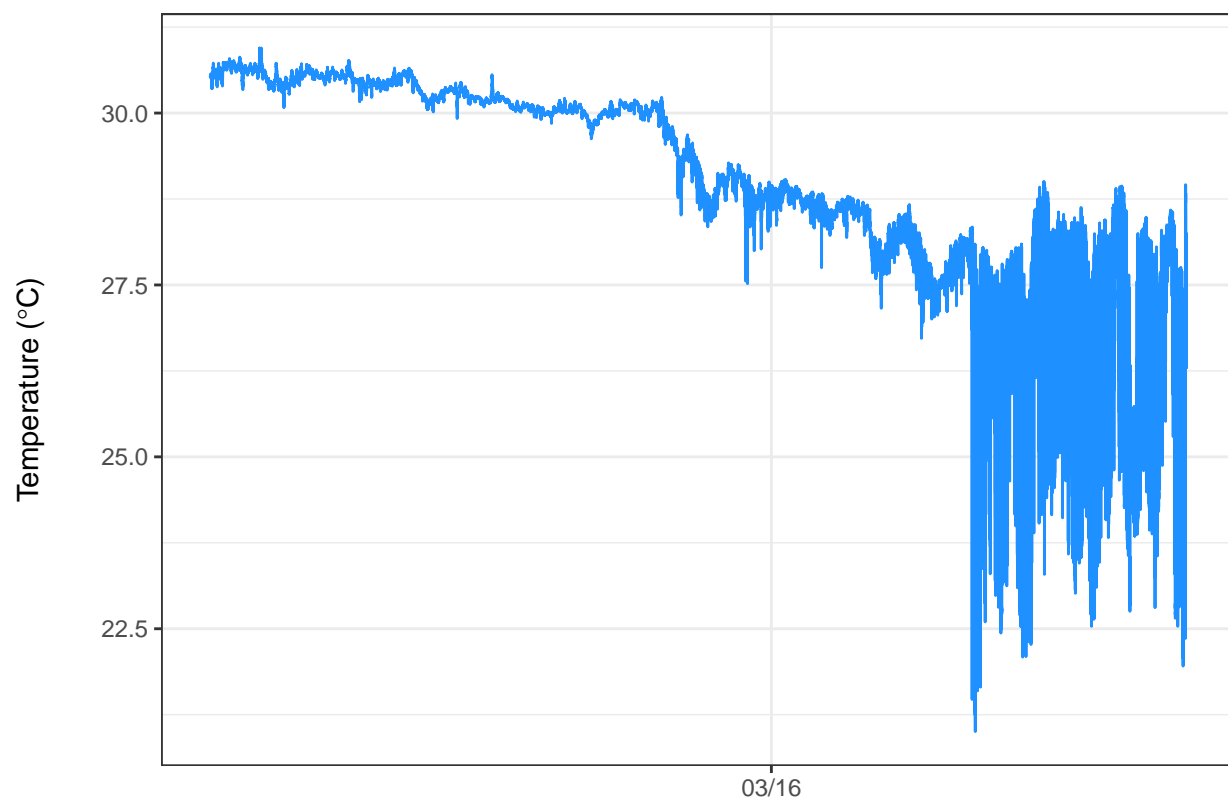
SN=5604693, MIID=2268, Jarvis



SN=5604637, MIID=2269, Jarvis



SN=5604655, MIID=2270, Jarvis



SN=5604695, MIID=2271, Jarvis

