

STR QC Report: PRIA 2017

The file used in this QC routine is:

ESD_NCRMP_Temperature_2017_PRIA.csv

QC run at: 2020-06-03 17:51:36 HST

Number of records in data file: 3785105

Number of STR time series in data file: 18

Get data ranges

	Min	Max
Latitude	-0.382343	19.316308
Longitude	-176.6215	166.6515
Depth	5.0	25.4
DeployUTC	2014-03-16 00:00:00	2016-05-20 20:57:00
RetrieveUTC	2017-04-03 00:39:00	2017-04-23 02:51:00
ValidDataStart	2014-03-16 00:19:59	2016-05-20 20:57:30
ValidDataEnd	2015-07-16 01:39:59	2017-04-23 02:34:59
TimeStamp	2014-03-16 00:19:59	2017-04-23 02:34:59
Temperature	21.5680	31.2837

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	OK
DEPLOYUTC	OK
RETRIEVECRUISE	OK
RETRIEVEUTC	OK
VALIDDATASTART	OK
VALIDDATAEND	OK

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
HA1401_LegI	2014-03-16 00:00:00, 2014-03-18 03:55:00
HA1501_Line	2015-04-09 00:37:00, 2015-04-09 00:37:00
HA1501_Phoenix	2015-02-04 21:14:00, 2015-02-08 20:41:00
SE1602	2016-05-18 21:27:00, 2016-05-20 20:57:00

RETRIEVECRUISE	RETRIEVEUTC.range
HA1701_PRIA	2017-04-03 00:39:00, 2017-04-23 02:51:00

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?

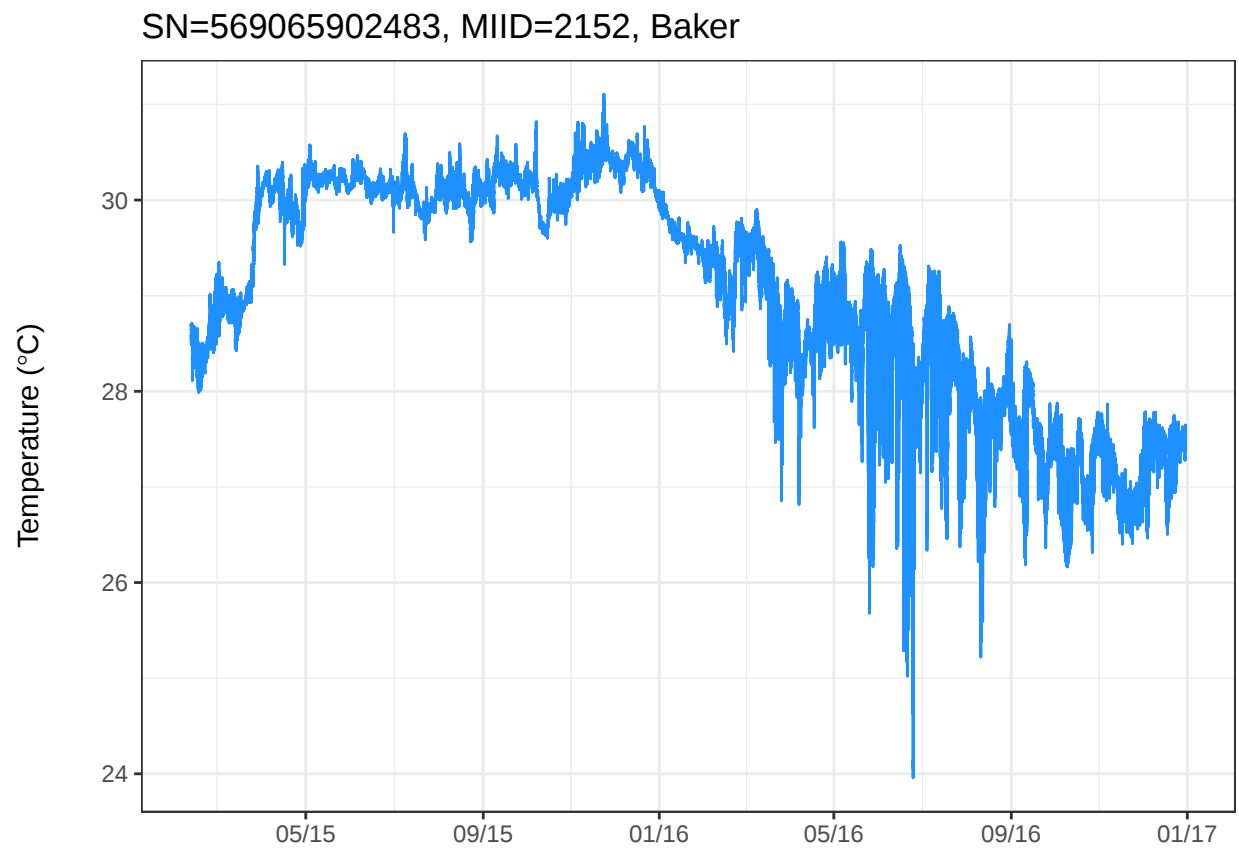
[1] “The following STRs do not have the expected number of observations:” [1] “(negative = observations are missing, positive = too many observations)”

MISSIONINSTRUMENTID	INSTRUMENTSN	LOCATION	OBS_DIFF
2152	569065902483	Baker	-8

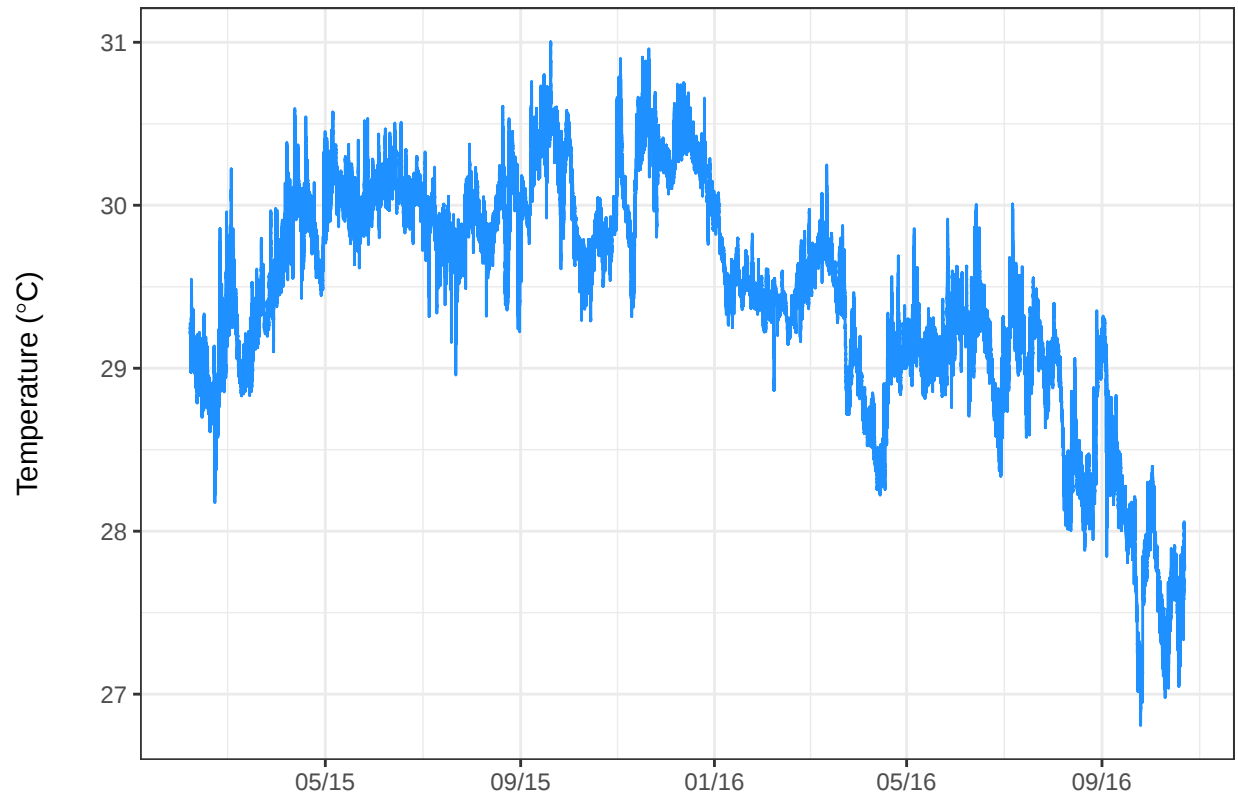
Summary of STRs

MISSIONINSTRUMENTID	INSTRUMENTSN	LOCATION	VALIDDATASTART	VALIDDATAEND	INTERVAL
2033	569065902406	Wake	2014-03-16 02:49:59	2015-07-16 01:39:59	5 mins
2034	569065902164	Wake	2014-03-16 03:09:59	2016-01-09 09:49:59	5 mins
2035	569065902532	Wake	2014-03-16 00:19:59	2016-10-04 19:09:59	5 mins
2036	569065902564	Wake	2014-03-17 00:04:59	2016-10-03 02:09:59	5 mins
2037	569065902289	Wake	2014-03-17 03:39:59	2016-01-27 16:09:59	5 mins
2038	569065902165	Wake	2014-03-17 04:19:59	2016-01-27 11:04:59	5 mins
2039	569065902305	Wake	2014-03-17 23:29:59	2015-11-29 17:39:59	5 mins
2040	569065902194	Wake	2014-03-17 22:54:59	2016-04-05 11:54:59	5 mins
2041	569065902163	Wake	2014-03-17 22:44:59	2016-12-21 02:34:59	5 mins
2042	569065902461	Wake	2014-03-18 03:24:59	2017-04-23 02:34:59	5 mins
2043	569065901372	Wake	2014-03-18 02:19:59	2017-04-22 00:34:59	5 mins
2044	569065902296	Wake	2014-03-18 04:34:59	2016-02-03 06:14:59	5 mins
2146	569065902520	Howland	2015-02-04 21:14:59	2016-10-23 01:24:59	5 mins
2149	569065902474	Howland	2015-02-05 19:29:59	2017-03-01 00:54:59	5 mins
2152	569065902483	Baker	2015-02-10 12:49:59	2016-12-30 20:14:59	5 mins
2222	5604717	Jarvis	2015-04-10 05:19:59	2017-04-04 20:09:59	5 mins
2272	5604668	Jarvis	2016-05-18 21:39:27	2017-04-02 22:24:27	5 mins
2274	5604681	Jarvis	2016-05-20 20:57:30	2017-04-04 21:17:30	5 mins

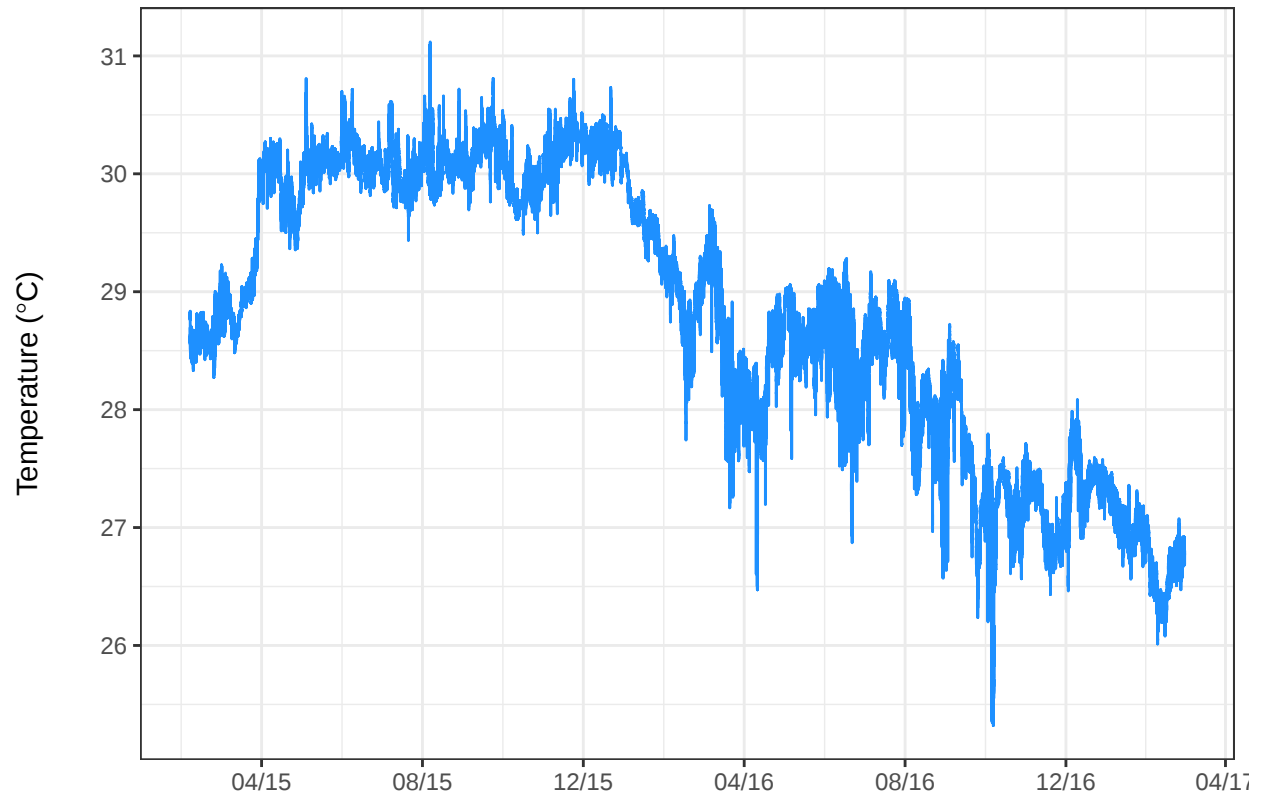
Individual STR plots by SN:



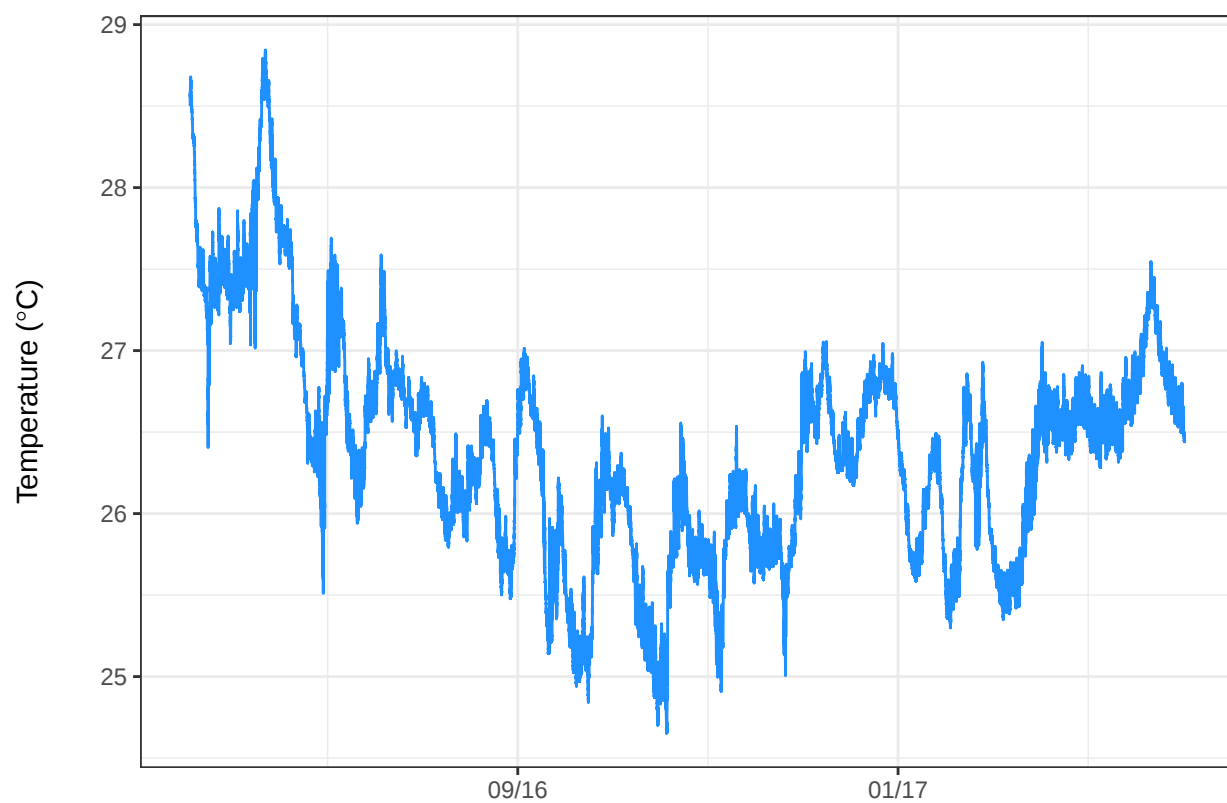
SN=569065902520, MIID=2146, Howland



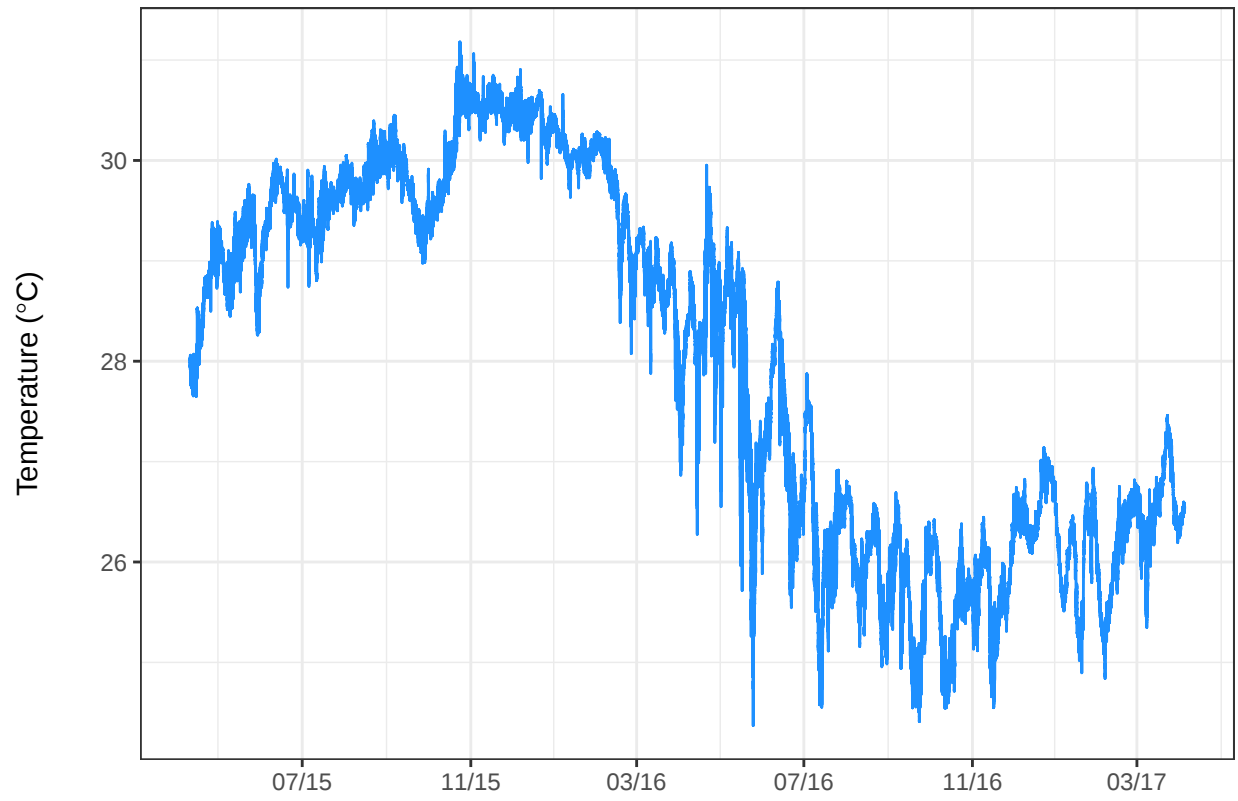
SN=569065902474, MIID=2149, Howland



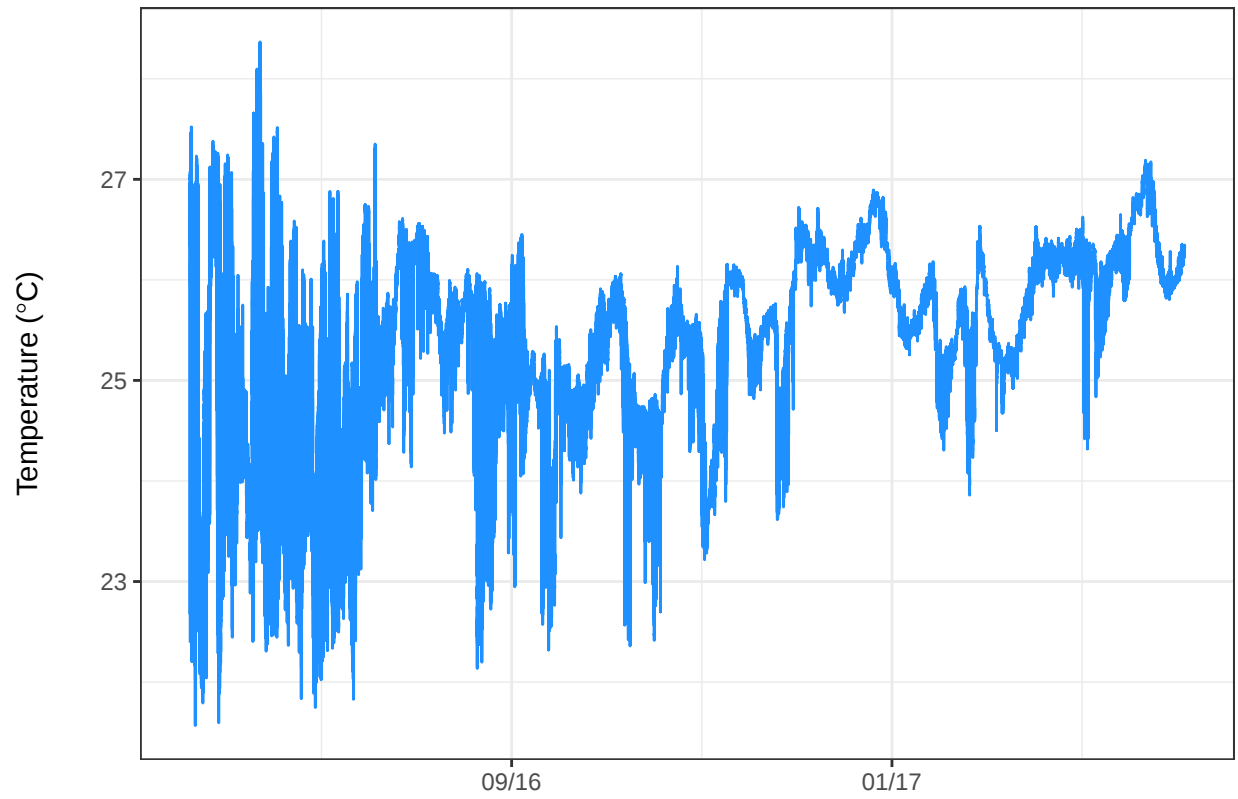
SN=5604668, MIID=2272, Jarvis



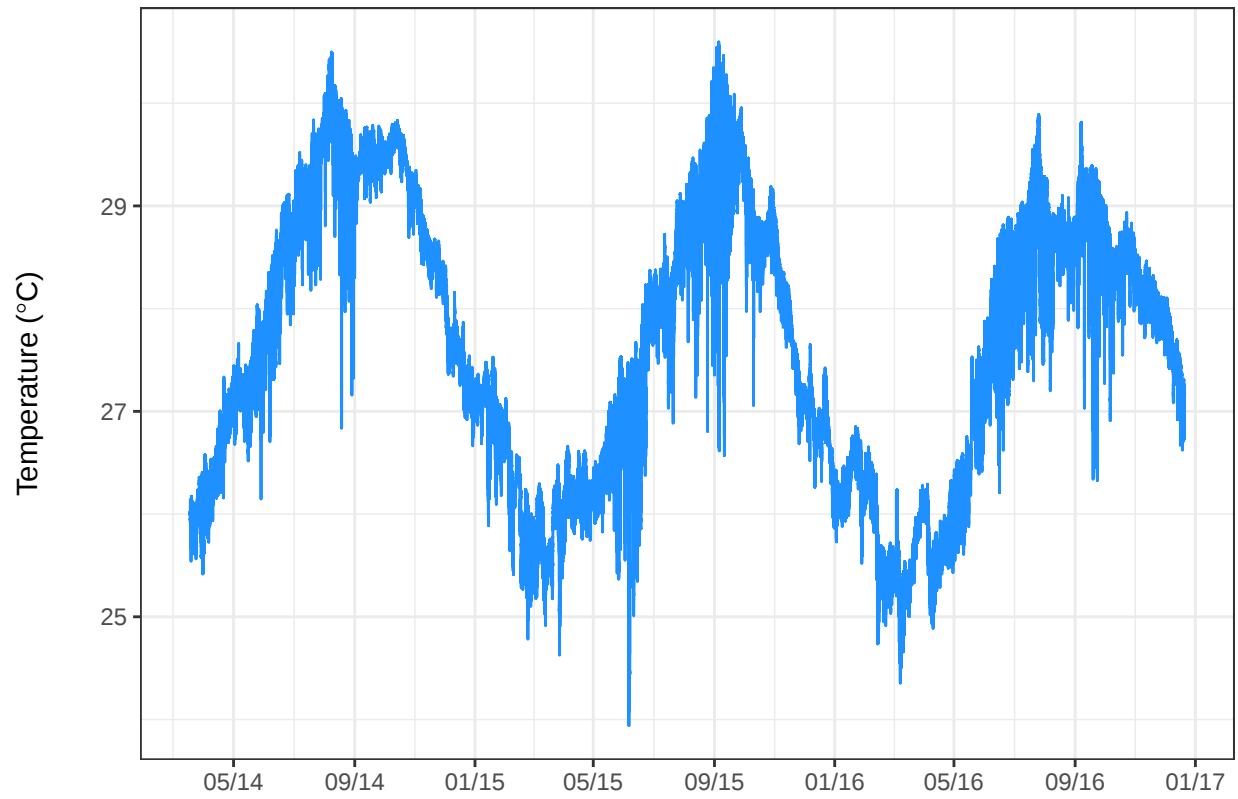
SN=5604717, MIID=2222, Jarvis



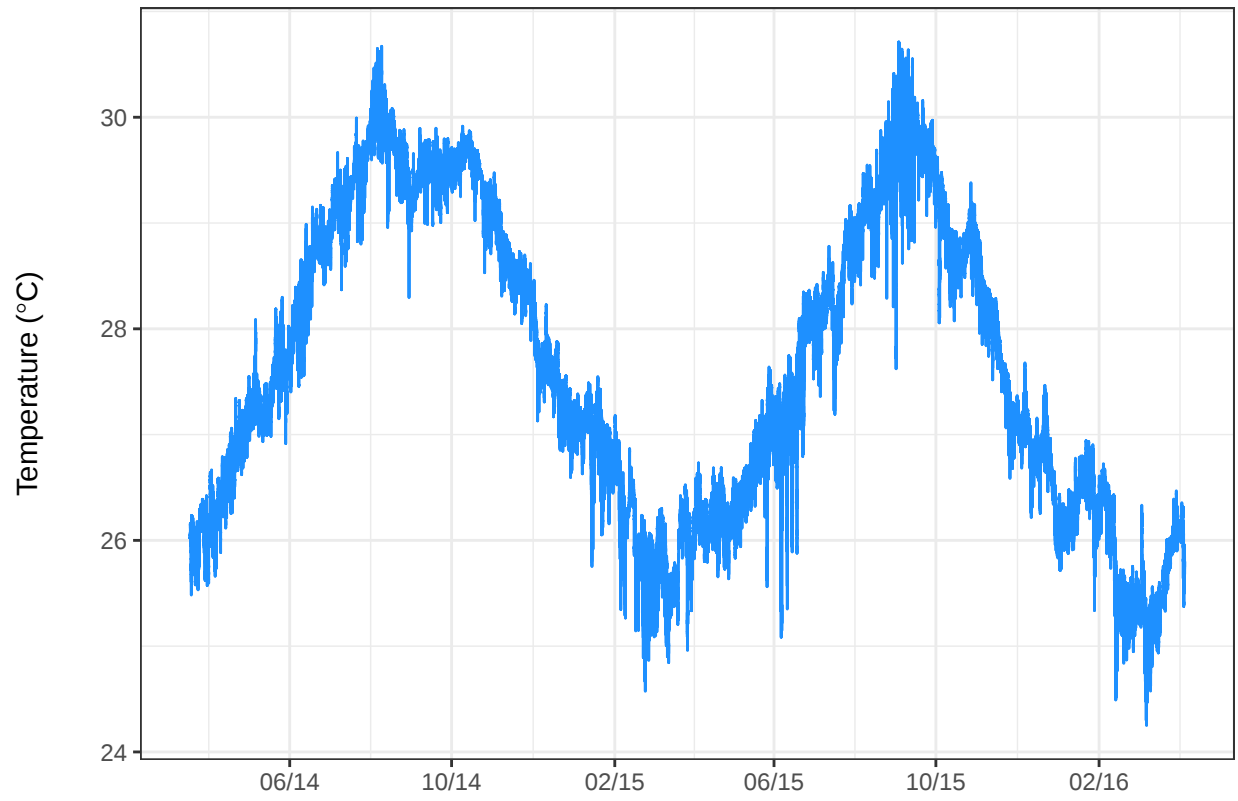
SN=5604681, MIID=2274, Jarvis



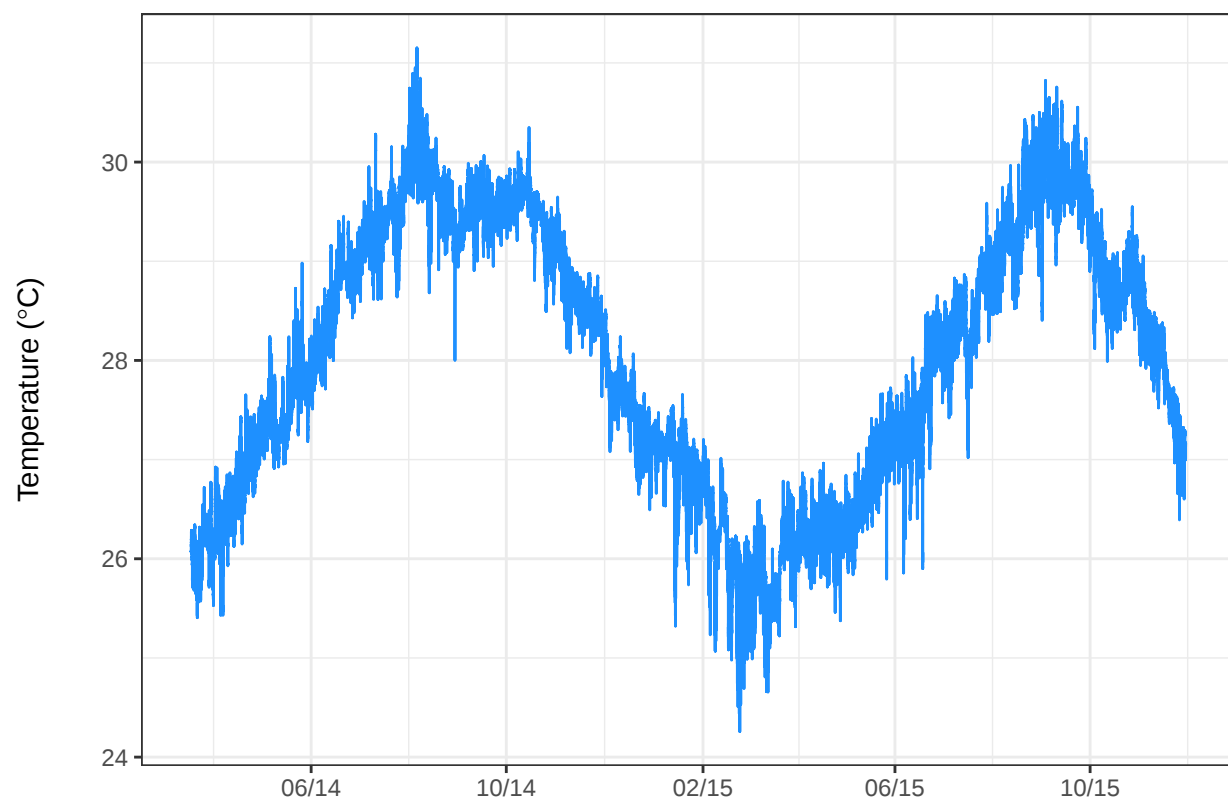
SN=569065902163, MIID=2041, Wake



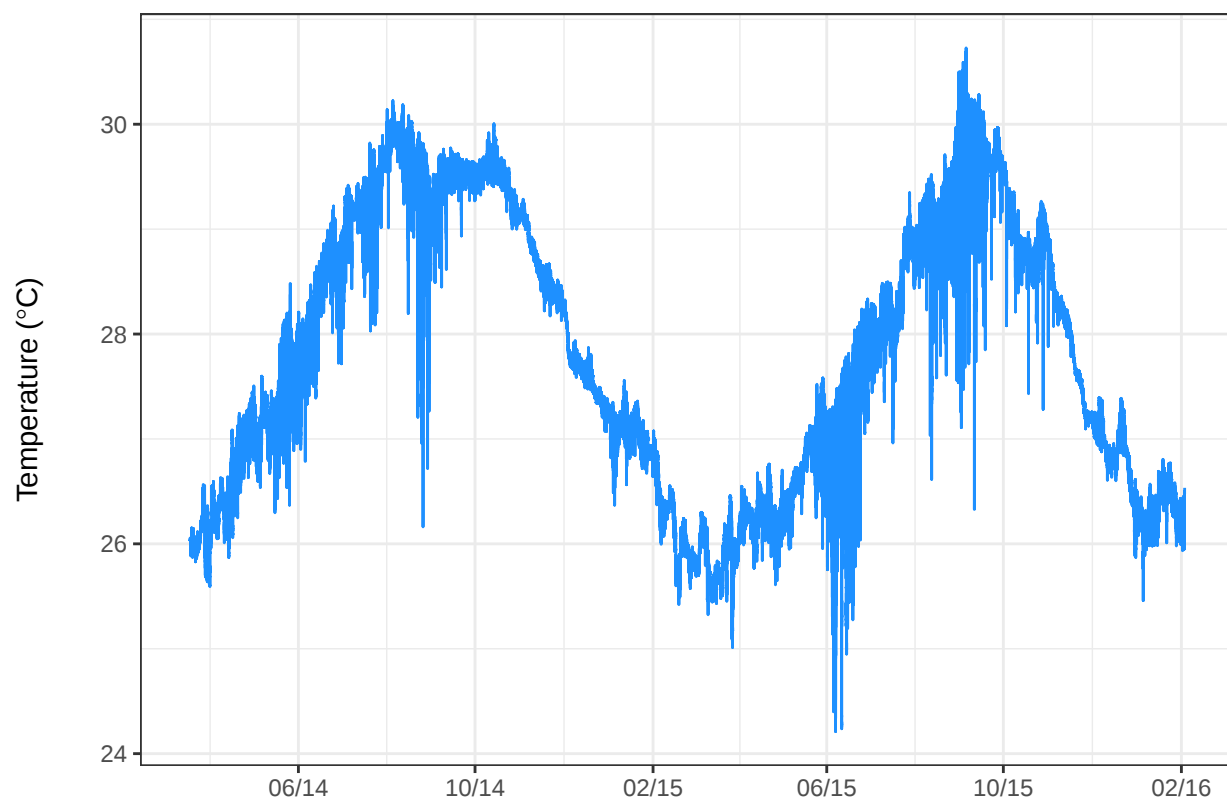
SN=569065902194, MIID=2040, Wake



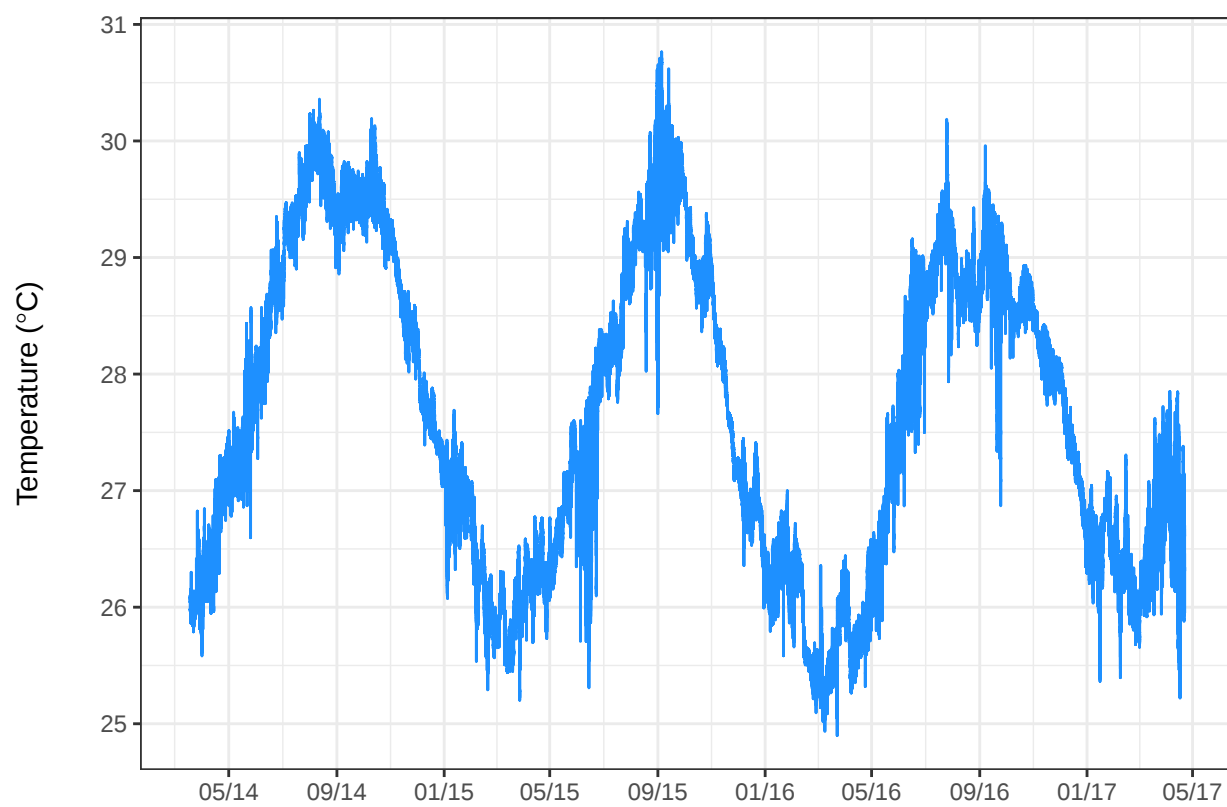
SN=569065902305, MIID=2039, Wake



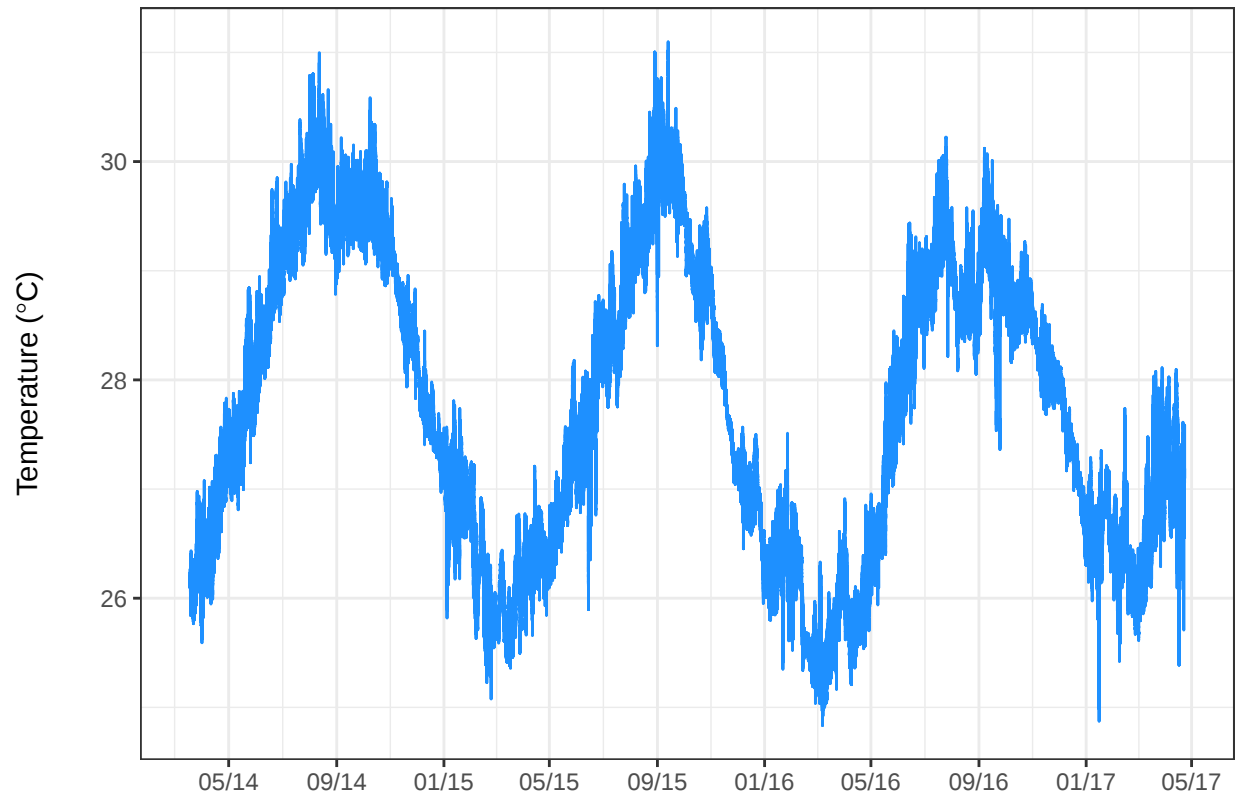
SN=569065902296, MIID=2044, Wake



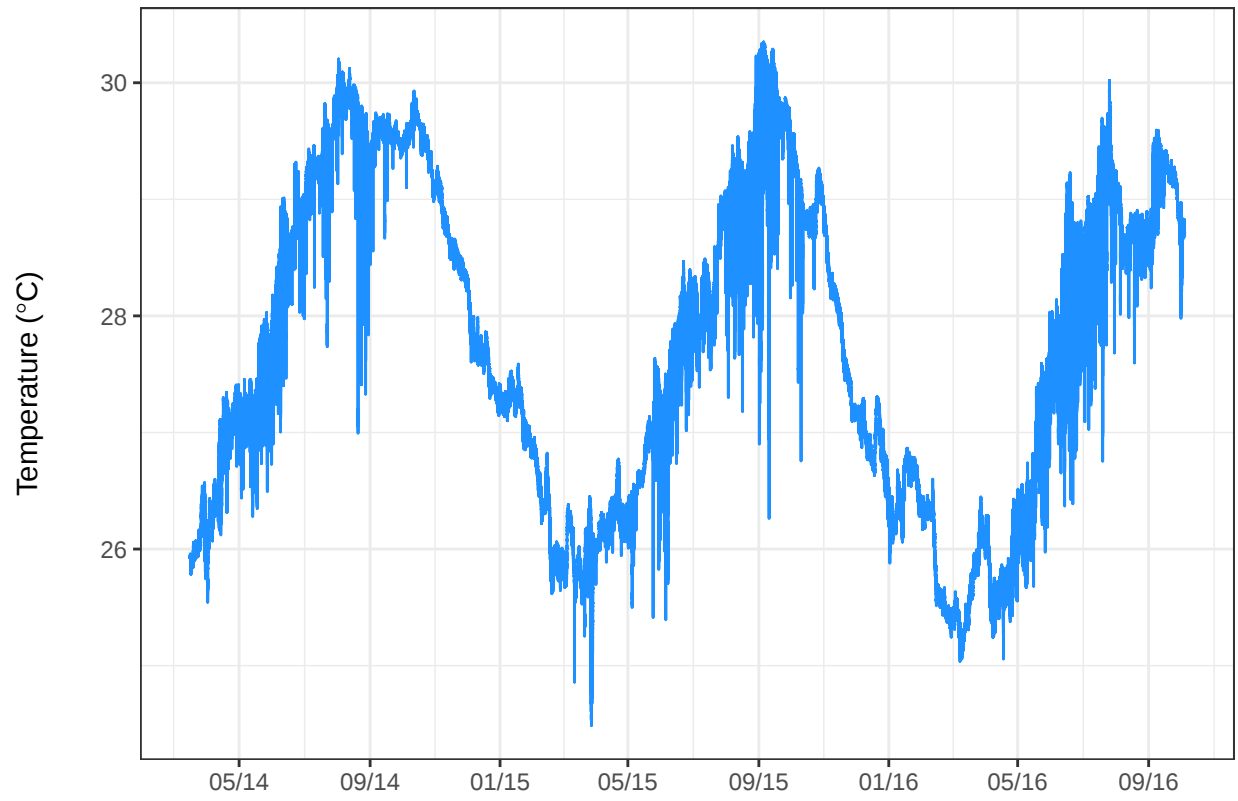
SN=569065901372, MIID=2043, Wake



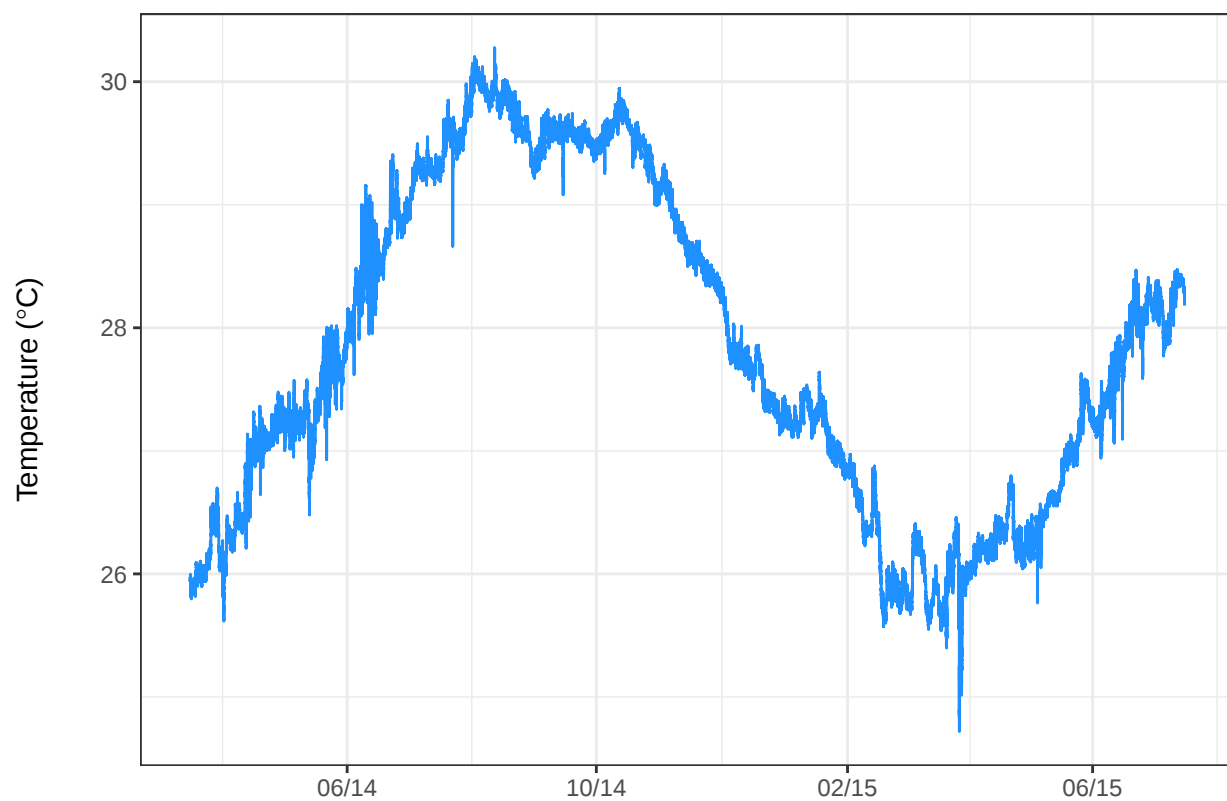
SN=569065902461, MIID=2042, Wake



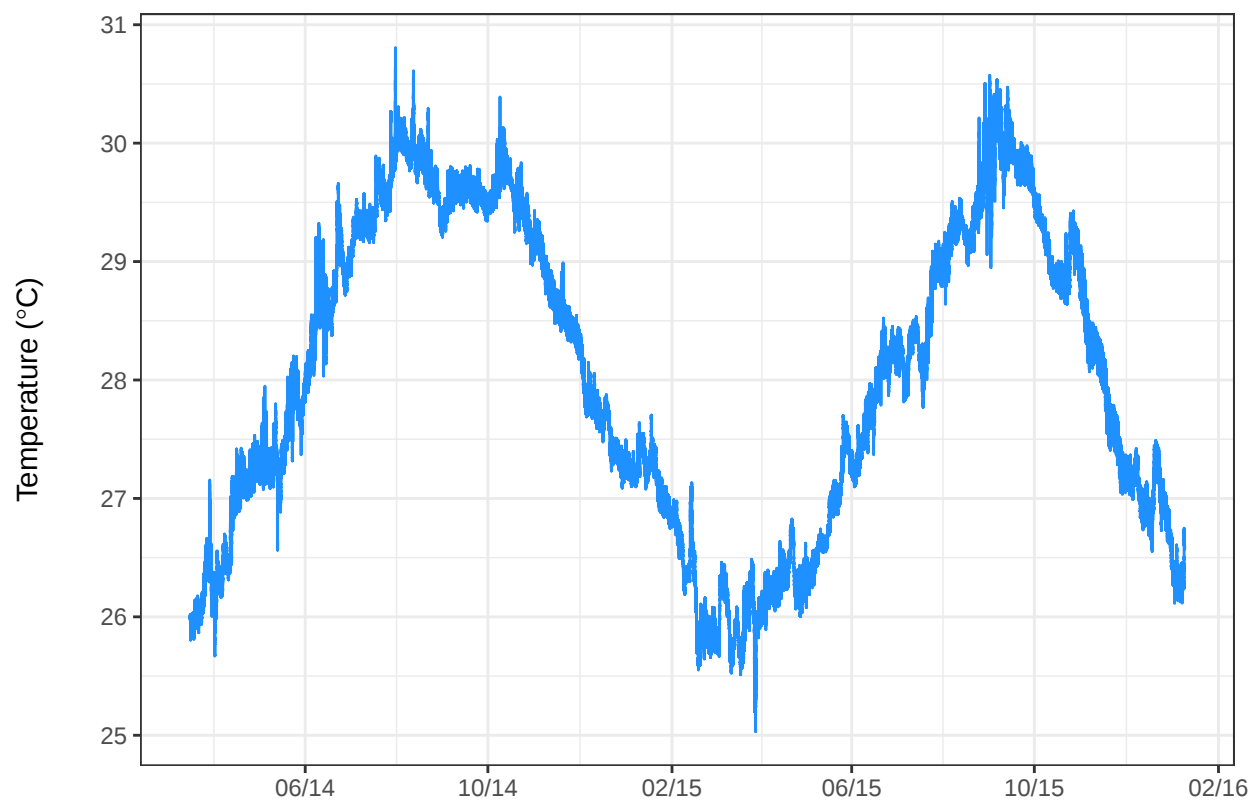
SN=569065902532, MIID=2035, Wake



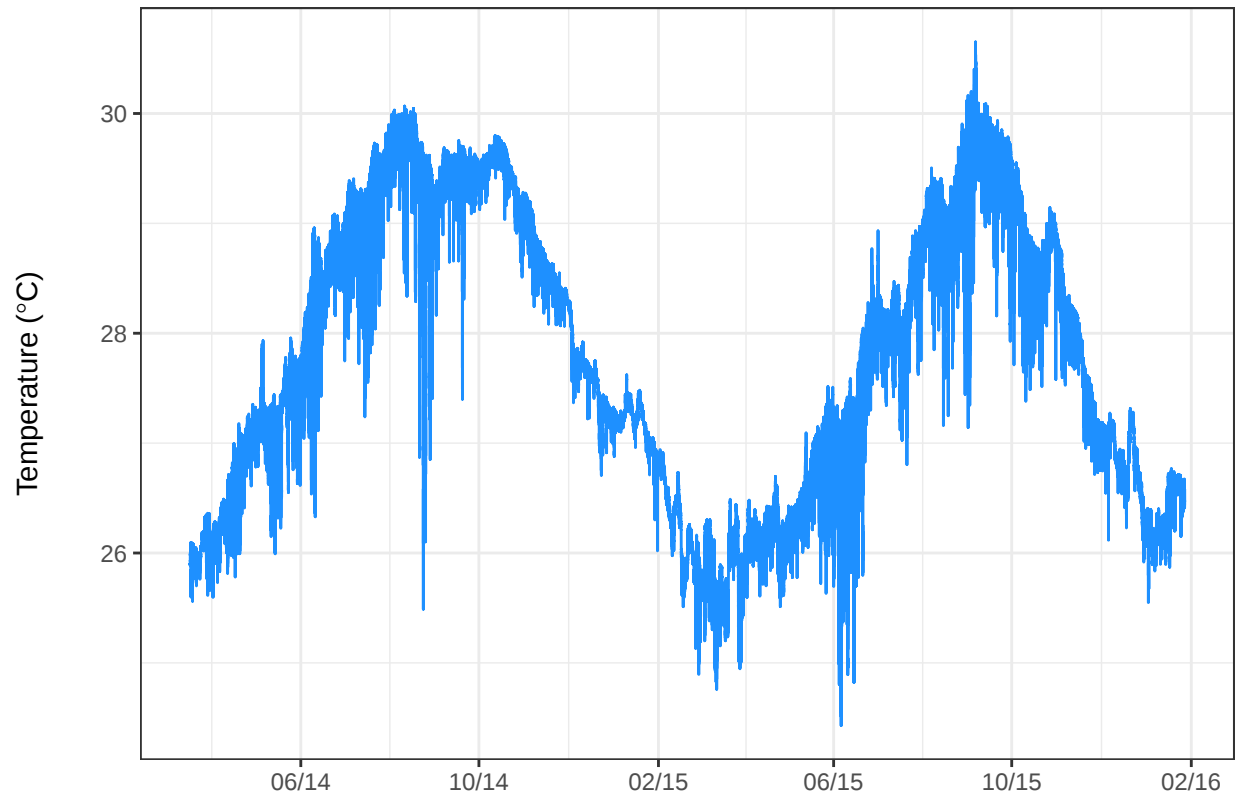
SN=569065902406, MIID=2033, Wake



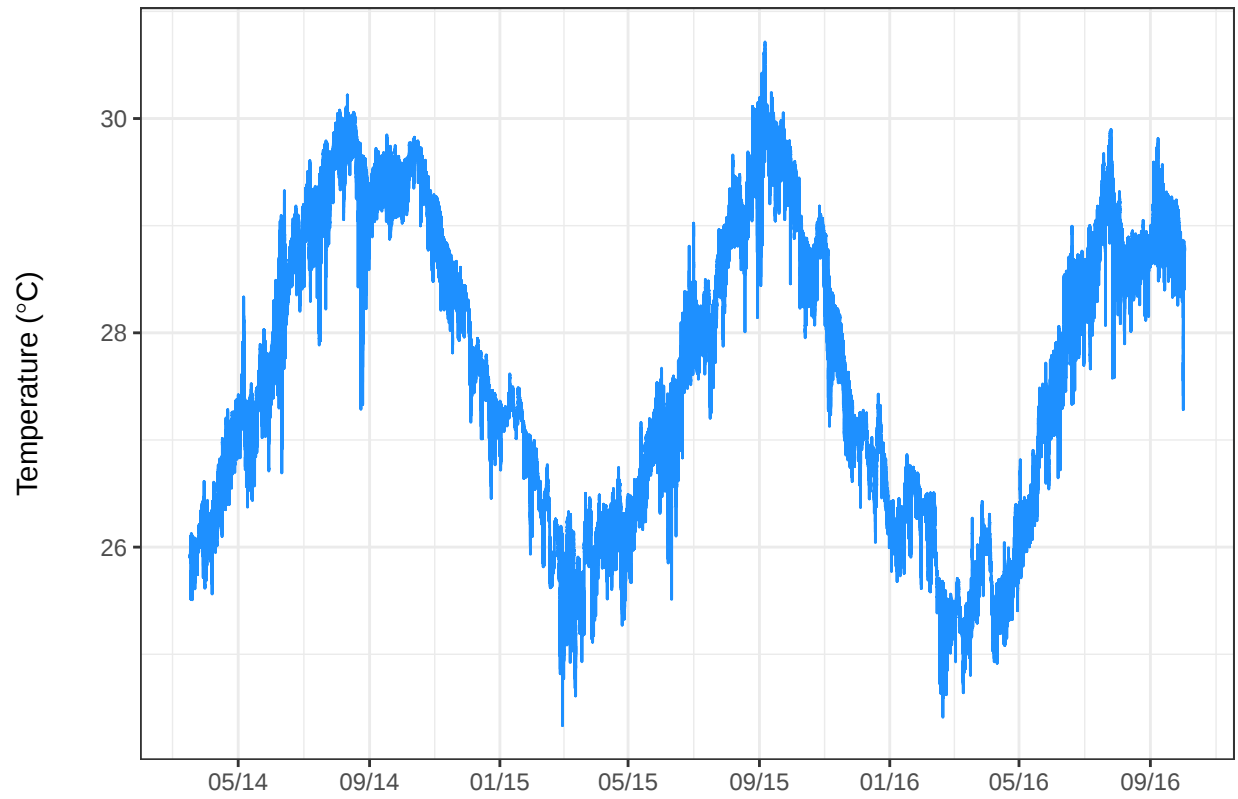
SN=569065902164, MIID=2034, Wake



SN=569065902165, MIID=2038, Wake



SN=569065902564, MIID=2036, Wake



SN=569065902289, MIID=2037, Wake

