

Title

Eleanor (Ella) Crotty

Contents

```
# Warnings and startup messages suppressed
library(tidyverse)
library(patchwork)
library(scales)
library(ggrepel)
library(readxl)
library(here)
```

```
SatelliteData <- read.csv(here("OCNMS_Hypoxia", "Outputs", "SatelliteData_all.csv")) #
↳ Import satellite sea surface temperature and chlorophyll data from within 0.1 degrees
↳ latitude & longitude of the TH mooring
MooringCTD_Data <- read.csv(here("OCNMS_Hypoxia", "Outputs",
↳ "EnvironmentalDataset1.csv")) # Import mooring and CTD environmental data from
↳ 2021-2023 + 30-45 meters deep
```

```
SatelliteData$source = "Satellite"
SatelliteData <- SatelliteData %>%
  mutate(date = as.POSIXct(date), year = year(date)) %>%
  select(source, date, year, SST_C, Chlor_a_mg_m_3, Mean_SST_Error)
MooringCTD_Data <- MooringCTD_Data %>%
  mutate(date = as.POSIXct(date)) %>%
  select(source, date, year, temperature, DO, salinity, potential_density, pres, cond,
  ↳ sampleID)
head(SatelliteData)
```

##	source	date	year	SST_C	Chlor_a_mg_m_3	Mean_SST_Error
## 1	Satellite	2021-05-01	2021	11.75689	NA	0.3827013
## 2	Satellite	2021-05-02	2021	11.79633	1.992470	0.3823377
## 3	Satellite	2021-05-03	2021	11.60628	NA	0.3800000
## 4	Satellite	2021-05-04	2021	11.40948	1.568074	0.3762078
## 5	Satellite	2021-05-05	2021	11.40082	NA	0.3740000
## 6	Satellite	2021-05-06	2021	11.43217	NA	0.3800000

```
head(MooringCTD_Data)
```

##	source	date	year	temperature	DO	salinity
## 1	CTD	2021-06-09 04:52:10	2021	7.622431	2.557438	33.56594
## 2	CTD	2021-07-15 02:33:20	2021	7.325858	1.768900	33.75548
## 3	CTD	2021-08-27 22:31:42	2021	7.659136	1.596782	33.58081
## 4	CTD	2021-10-08 23:05:21	2021	8.931667	2.143093	33.22137
## 5	CTD	2022-05-25 02:28:29	2022	7.604611	2.833300	33.41259
## 6	CTD	2022-06-22 23:50:32	2022	8.512073	3.933264	32.69943

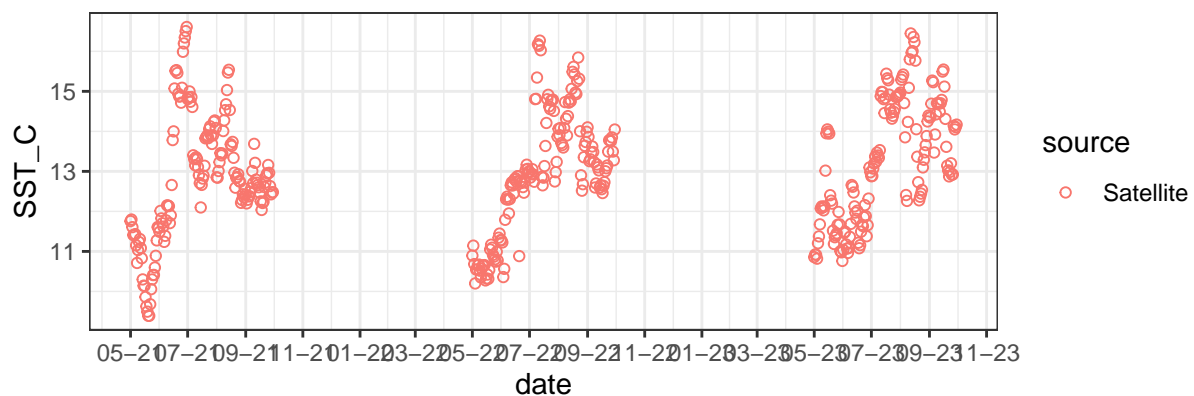
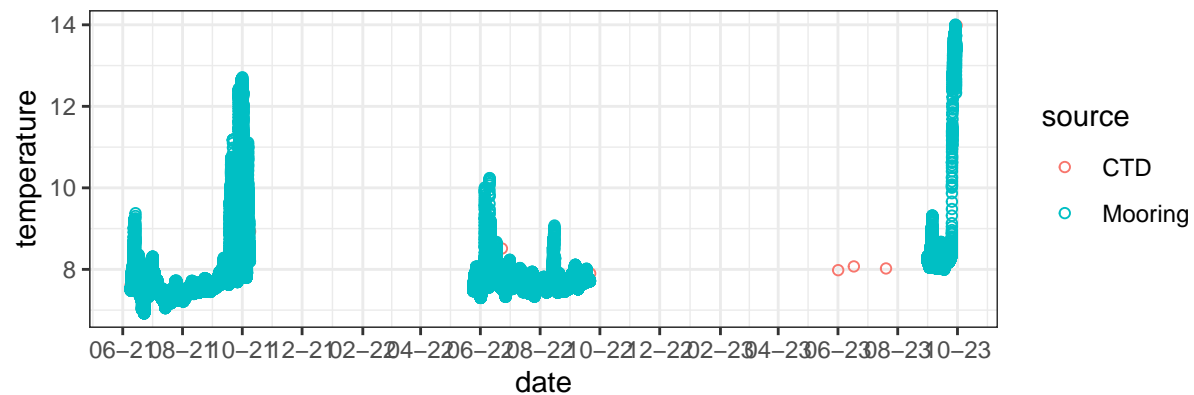
```
## potential_density pres cond sampleID
## 1 26.20587 NA NA 20210608T215210
## 2 26.39679 NA NA 20210714T193320
## 3 26.21243 NA NA 20210827T153142
## 4 25.73902 NA NA 20211008T160521
## 5 26.08794 NA NA 20220524T192829
## 6 25.39430 NA NA 20220622T165032
```

```
plt1 <- ggplot(MooringCTD_Data, aes(x = date, y = temperature, color = source)) +
  geom_point(shape = 1) +
  scale_x_datetime(date_breaks = "2 months", date_labels = "%m-%y") +
  theme_bw()
```

```
plt2 <- ggplot(SatelliteData, aes(x = date, y = SST_C, color = source)) +
  geom_point(shape = 1) +
  scale_x_datetime(date_breaks = "2 months", date_labels = "%m-%y") +
  theme_bw()
```

```
plt1/plt2
```

```
## Warning: Removed 4 rows containing missing values or values outside the scale range
## (`geom_point()`).
```



These definitely aren't super correlated. For now, let's just slap that daily satellite data in for summer 2023, but the surface to mooring data do not match.

```
MooringCTD_Data %>% filter(year == 2023) %>% arrange(date)
```

```
## source date year temperature DO salinity
```

## 1	CTD	2023-06-01	05:07:31	2023	7.980345	2.736473	33.48125
## 2	CTD	2023-06-17	05:02:56	2023	8.071918	2.738136	33.51446
## 3	CTD	2023-07-20	00:30:03	2023	8.022111	2.798667	33.64214
## 4	Mooring	2023-08-31	01:30:27	2023	8.229700	0.191700	33.56410
## 5	Mooring	2023-08-31	01:40:27	2023	8.231700	0.180300	33.56430
## 6	Mooring	2023-08-31	01:50:26	2023	8.235500	0.174500	33.56450
## 7	Mooring	2023-08-31	02:00:27	2023	8.242200	0.174000	33.56370
## 8	Mooring	2023-08-31	02:10:26	2023	8.246400	0.170300	33.56320
## 9	Mooring	2023-08-31	02:20:27	2023	8.246700	0.166900	33.56310
## 10	Mooring	2023-08-31	02:30:26	2023	8.249300	0.162800	33.56350
## 11	Mooring	2023-08-31	02:40:27	2023	8.248300	0.158600	33.56360
## 12	Mooring	2023-08-31	02:50:26	2023	8.249100	0.156700	33.56370
## 13	Mooring	2023-08-31	03:00:27	2023	8.252000	0.156000	33.56370
## 14	Mooring	2023-08-31	03:10:27	2023	8.257500	0.156300	33.56300
## 15	Mooring	2023-08-31	03:20:26	2023	8.257000	0.154000	33.56320
## 16	Mooring	2023-08-31	03:30:27	2023	8.255400	0.146300	33.56310
## 17	Mooring	2023-08-31	03:40:26	2023	8.256000	0.147500	33.56350
## 18	Mooring	2023-08-31	03:50:27	2023	8.254700	0.143300	33.56380
## 19	Mooring	2023-08-31	04:00:26	2023	8.252100	0.139500	33.56490
## 20	Mooring	2023-08-31	04:10:27	2023	8.248000	0.136800	33.56600
## 21	Mooring	2023-08-31	04:20:26	2023	8.243300	0.132600	33.56670
## 22	Mooring	2023-08-31	04:30:27	2023	8.238600	0.134200	33.56820
## 23	Mooring	2023-08-31	04:40:27	2023	8.236000	0.133000	33.56900
## 24	Mooring	2023-08-31	04:50:26	2023	8.235200	0.132300	33.56910
## 25	Mooring	2023-08-31	05:00:27	2023	8.233300	0.130700	33.56920
## 26	Mooring	2023-08-31	05:10:26	2023	8.232300	0.136500	33.57010
## 27	Mooring	2023-08-31	05:20:27	2023	8.231500	0.138800	33.57040
## 28	Mooring	2023-08-31	05:30:26	2023	8.230600	0.141100	33.57090
## 29	Mooring	2023-08-31	05:40:27	2023	8.229200	0.140400	33.57050
## 30	Mooring	2023-08-31	05:50:26	2023	8.227100	0.137700	33.57100
## 31	Mooring	2023-08-31	06:00:27	2023	8.223300	0.150400	33.57230
## 32	Mooring	2023-08-31	06:10:27	2023	8.220800	0.156200	33.57270
## 33	Mooring	2023-08-31	06:20:26	2023	8.220200	0.153800	33.57300
## 34	Mooring	2023-08-31	06:30:27	2023	8.215200	0.169700	33.57440
## 35	Mooring	2023-08-31	06:40:26	2023	8.213400	0.172700	33.57510
## 36	Mooring	2023-08-31	06:50:27	2023	8.213500	0.169200	33.57470
## 37	Mooring	2023-08-31	07:00:26	2023	8.208700	0.185500	33.57590
## 38	Mooring	2023-08-31	07:10:27	2023	8.208600	0.178800	33.57580
## 39	CTD	2023-08-31	07:13:24	2023	8.213100	0.392160	33.67924
## 40	Mooring	2023-08-31	07:20:26	2023	8.204100	0.187400	33.57670
## 41	Mooring	2023-08-31	07:30:27	2023	8.195500	0.205500	33.57860
## 42	Mooring	2023-08-31	07:40:27	2023	8.196500	0.202400	33.57840
## 43	Mooring	2023-08-31	07:50:26	2023	8.192300	0.215500	33.57970
## 44	Mooring	2023-08-31	08:00:27	2023	8.197000	0.198500	33.57830
## 45	Mooring	2023-08-31	08:10:26	2023	8.194200	0.204300	33.57910
## 46	Mooring	2023-08-31	08:20:27	2023	8.196200	0.199700	33.57860
## 47	Mooring	2023-08-31	08:30:26	2023	8.194100	0.215900	33.57950
## 48	Mooring	2023-08-31	08:40:27	2023	8.199400	0.200800	33.57830
## 49	Mooring	2023-08-31	08:50:26	2023	8.207300	0.191900	33.57700
## 50	Mooring	2023-08-31	09:00:27	2023	8.213100	0.166100	33.57290
## 51	Mooring	2023-08-31	09:10:27	2023	8.214900	0.163100	33.57270
## 52	Mooring	2023-08-31	09:20:26	2023	8.218100	0.162300	33.57300
## 53	Mooring	2023-08-31	09:30:27	2023	8.219600	0.154200	33.56950
## 54	Mooring	2023-08-31	09:40:26	2023	8.222300	0.146100	33.57180

## 55	Mooring	2023-08-31	09:50:27	2023	8.224100	0.145400	33.57270
## 56	Mooring	2023-08-31	10:00:26	2023	8.226200	0.139200	33.57230
## 57	Mooring	2023-08-31	10:10:27	2023	8.228400	0.133000	33.57250
## 58	Mooring	2023-08-31	10:20:26	2023	8.230900	0.130300	33.57200
## 59	Mooring	2023-08-31	10:30:27	2023	8.232700	0.128000	33.57160
## 60	Mooring	2023-08-31	10:40:27	2023	8.234100	0.126100	33.57150
## 61	Mooring	2023-08-31	10:50:26	2023	8.236500	0.124900	33.57120
## 62	Mooring	2023-08-31	11:00:27	2023	8.237000	0.118800	33.57060
## 63	Mooring	2023-08-31	11:10:26	2023	8.239100	0.113400	33.57040
## 64	Mooring	2023-08-31	11:20:27	2023	8.240200	0.109200	33.56980
## 65	Mooring	2023-08-31	11:30:26	2023	8.243200	0.111100	33.57070
## 66	Mooring	2023-08-31	11:40:27	2023	8.247000	0.105700	33.56520
## 67	Mooring	2023-08-31	11:50:26	2023	8.253500	0.106500	33.56570
## 68	Mooring	2023-08-31	12:00:27	2023	8.258200	0.106800	33.56480
## 69	Mooring	2023-08-31	12:10:27	2023	8.264500	0.109500	33.56340
## 70	Mooring	2023-08-31	12:20:26	2023	8.273800	0.115600	33.56420
## 71	Mooring	2023-08-31	12:30:27	2023	8.279900	0.115200	33.56280
## 72	Mooring	2023-08-31	12:40:26	2023	8.284200	0.110200	33.56180
## 73	Mooring	2023-08-31	12:50:27	2023	8.290900	0.109400	33.56030
## 74	Mooring	2023-08-31	13:00:26	2023	8.295500	0.111000	33.55940
## 75	Mooring	2023-08-31	13:10:27	2023	8.299700	0.108600	33.55860
## 76	Mooring	2023-08-31	13:20:26	2023	8.305300	0.107800	33.55750
## 77	Mooring	2023-08-31	13:30:27	2023	8.307400	0.102800	33.55740
## 78	Mooring	2023-08-31	13:40:27	2023	8.309900	0.099400	33.55660
## 79	Mooring	2023-08-31	13:50:26	2023	8.311600	0.095600	33.55620
## 80	Mooring	2023-08-31	14:00:27	2023	8.314300	0.092500	33.55550
## 81	Mooring	2023-08-31	14:10:26	2023	8.317700	0.089400	33.55520
## 82	Mooring	2023-08-31	14:20:27	2023	8.317100	0.087900	33.55540
## 83	Mooring	2023-08-31	14:30:26	2023	8.319400	0.086000	33.55530
## 84	Mooring	2023-08-31	14:40:27	2023	8.318000	0.084400	33.55530
## 85	Mooring	2023-08-31	14:50:26	2023	8.318900	0.085200	33.55580
## 86	Mooring	2023-08-31	15:00:27	2023	8.319100	0.084100	33.55550
## 87	Mooring	2023-08-31	15:10:27	2023	8.316400	0.086800	33.55630
## 88	Mooring	2023-08-31	15:20:26	2023	8.319200	0.079400	33.55200
## 89	Mooring	2023-08-31	15:30:27	2023	8.322500	0.077900	33.55360
## 90	Mooring	2023-08-31	15:40:26	2023	8.318900	0.080200	33.55470
## 91	Mooring	2023-08-31	15:50:27	2023	8.323800	0.084100	33.55480
## 92	Mooring	2023-08-31	16:00:26	2023	8.321400	0.085600	33.55550
## 93	Mooring	2023-08-31	16:10:27	2023	8.314300	0.087900	33.55690
## 94	Mooring	2023-08-31	16:20:26	2023	8.312600	0.087500	33.55630
## 95	Mooring	2023-08-31	16:30:27	2023	8.308500	0.087500	33.55720
## 96	Mooring	2023-08-31	16:40:27	2023	8.302500	0.089900	33.55870
## 97	Mooring	2023-08-31	16:50:26	2023	8.299000	0.086400	33.55920
## 98	Mooring	2023-08-31	17:00:27	2023	8.295200	0.083700	33.55970
## 99	Mooring	2023-08-31	17:10:26	2023	8.292000	0.080700	33.56040
## 100	Mooring	2023-08-31	17:20:27	2023	8.287100	0.078800	33.56160
## 101	Mooring	2023-08-31	17:30:26	2023	8.282800	0.074900	33.56230
## 102	Mooring	2023-08-31	17:40:27	2023	8.278400	0.071500	33.56260
## 103	Mooring	2023-08-31	17:50:26	2023	8.271500	0.080000	33.56460
## 104	Mooring	2023-08-31	18:00:27	2023	8.267800	0.078400	33.56500
## 105	Mooring	2023-08-31	18:10:27	2023	8.263000	0.086500	33.56660
## 106	Mooring	2023-08-31	18:20:26	2023	8.251100	0.101500	33.56970
## 107	Mooring	2023-08-31	18:30:27	2023	8.247800	0.098800	33.56770
## 108	Mooring	2023-08-31	18:40:26	2023	8.228200	0.128200	33.57300

## 109	Mooring	2023-08-31	18:50:27	2023	8.228100	0.131900	33.57260
## 110	Mooring	2023-08-31	19:00:26	2023	8.209600	0.169400	33.57770
## 111	Mooring	2023-08-31	19:10:27	2023	8.213100	0.155300	33.57630
## 112	Mooring	2023-08-31	19:20:26	2023	8.204000	0.181700	33.57850
## 113	Mooring	2023-08-31	19:30:27	2023	8.200200	0.193900	33.57950
## 114	Mooring	2023-08-31	19:40:27	2023	8.209200	0.162600	33.57710
## 115	Mooring	2023-08-31	19:50:26	2023	8.204000	0.182000	33.57850
## 116	Mooring	2023-08-31	20:00:27	2023	8.203900	0.185000	33.57860
## 117	Mooring	2023-08-31	20:10:26	2023	8.206700	0.176500	33.57820
## 118	Mooring	2023-08-31	20:20:27	2023	8.217900	0.146800	33.57610
## 119	Mooring	2023-08-31	20:30:26	2023	8.225100	0.143000	33.57490
## 120	Mooring	2023-08-31	20:40:27	2023	8.226200	0.135000	33.57290
## 121	Mooring	2023-08-31	20:50:26	2023	8.229900	0.128000	33.57310
## 122	Mooring	2023-08-31	21:00:27	2023	8.232100	0.123000	33.57300
## 123	Mooring	2023-08-31	21:10:27	2023	8.234500	0.127700	33.57330
## 124	Mooring	2023-08-31	21:20:26	2023	8.240400	0.117200	33.57220
## 125	Mooring	2023-08-31	21:30:27	2023	8.245400	0.108800	33.57130
## 126	Mooring	2023-08-31	21:40:26	2023	8.247900	0.103000	33.57090
## 127	Mooring	2023-08-31	21:50:27	2023	8.250800	0.095700	33.57090
## 128	Mooring	2023-08-31	22:00:26	2023	8.253500	0.088000	33.57020
## 129	Mooring	2023-08-31	22:10:27	2023	8.254000	0.083000	33.56940
## 130	Mooring	2023-08-31	22:20:26	2023	8.256500	0.081900	33.56890
## 131	Mooring	2023-08-31	22:30:27	2023	8.259800	0.078000	33.56930
## 132	Mooring	2023-08-31	22:40:27	2023	8.262600	0.071900	33.56910
## 133	Mooring	2023-08-31	22:50:26	2023	8.263700	0.069600	33.56890
## 134	Mooring	2023-08-31	23:00:27	2023	8.264400	0.067300	33.56880
## 135	Mooring	2023-08-31	23:10:26	2023	8.267300	0.066900	33.56870
## 136	Mooring	2023-08-31	23:20:27	2023	8.268600	0.068100	33.56860
## 137	Mooring	2023-08-31	23:30:26	2023	8.274200	0.066900	33.56930
## 138	Mooring	2023-08-31	23:40:27	2023	8.273000	0.061100	33.56690
## 139	Mooring	2023-08-31	23:50:26	2023	8.272600	0.058100	33.56570
## 140	Mooring	2023-09-01	00:00:27	2023	8.275300	0.060000	33.56640
## 141	Mooring	2023-09-01	00:10:27	2023	8.276500	0.055000	33.56550
## 142	Mooring	2023-09-01	00:20:26	2023	8.278500	0.053800	33.56570
## 143	Mooring	2023-09-01	00:30:27	2023	8.280200	0.051900	33.56550
## 144	Mooring	2023-09-01	00:40:26	2023	8.282100	0.053500	33.56600
## 145	Mooring	2023-09-01	00:50:27	2023	8.283100	0.051900	33.56510
## 146	Mooring	2023-09-01	01:00:26	2023	8.282400	0.050000	33.56550
## 147	Mooring	2023-09-01	01:10:27	2023	8.281900	0.051200	33.56540
## 148	Mooring	2023-09-01	01:20:26	2023	8.284400	0.054200	33.56520
## 149	Mooring	2023-09-01	01:30:27	2023	8.285500	0.055400	33.56500
## 150	Mooring	2023-09-01	01:40:27	2023	8.287200	0.056900	33.56490
## 151	Mooring	2023-09-01	01:50:26	2023	8.285700	0.053800	33.56500
## 152	Mooring	2023-09-01	02:00:27	2023	8.286200	0.055800	33.56480
## 153	Mooring	2023-09-01	02:10:26	2023	8.282200	0.051900	33.56580
## 154	Mooring	2023-09-01	02:20:27	2023	8.288200	0.057700	33.56520
## 155	Mooring	2023-09-01	02:30:26	2023	8.289100	0.054200	33.56410
## 156	Mooring	2023-09-01	02:40:27	2023	8.281700	0.050800	33.56200
## 157	Mooring	2023-09-01	02:50:26	2023	8.302800	0.058800	33.56160
## 158	Mooring	2023-09-01	03:00:27	2023	8.302300	0.053800	33.56070
## 159	Mooring	2023-09-01	03:10:27	2023	8.307800	0.051100	33.56000
## 160	Mooring	2023-09-01	03:20:26	2023	8.307700	0.050300	33.55970
## 161	Mooring	2023-09-01	03:30:27	2023	8.309100	0.052300	33.56050
## 162	Mooring	2023-09-01	03:40:26	2023	8.303100	0.056500	33.56140

## 163	Mooring	2023-09-01	03:50:27	2023	8.307100	0.055700	33.56190
## 164	Mooring	2023-09-01	04:00:26	2023	8.309600	0.058000	33.56040
## 165	Mooring	2023-09-01	04:10:27	2023	8.299400	0.055700	33.56220
## 166	Mooring	2023-09-01	04:20:26	2023	8.297100	0.057700	33.56310
## 167	Mooring	2023-09-01	04:30:27	2023	8.291600	0.056100	33.56320
## 168	Mooring	2023-09-01	04:40:27	2023	8.287300	0.051100	33.56310
## 169	Mooring	2023-09-01	04:50:26	2023	8.277000	0.053100	33.56660
## 170	Mooring	2023-09-01	05:00:27	2023	8.272900	0.051500	33.56600
## 171	Mooring	2023-09-01	05:10:26	2023	8.264100	0.055800	33.56850
## 172	Mooring	2023-09-01	05:20:27	2023	8.253300	0.066200	33.57050
## 173	Mooring	2023-09-01	05:30:26	2023	8.247400	0.078100	33.57120
## 174	Mooring	2023-09-01	05:40:27	2023	8.241200	0.088900	33.57240
## 175	Mooring	2023-09-01	05:50:26	2023	8.238600	0.098500	33.57250
## 176	Mooring	2023-09-01	06:00:27	2023	8.233100	0.115800	33.57360
## 177	Mooring	2023-09-01	06:10:27	2023	8.228800	0.133500	33.57370
## 178	Mooring	2023-09-01	06:20:26	2023	8.223100	0.153100	33.57500
## 179	Mooring	2023-09-01	06:30:27	2023	8.219000	0.166900	33.57620
## 180	Mooring	2023-09-01	06:40:26	2023	8.216900	0.174200	33.57590
## 181	Mooring	2023-09-01	06:50:27	2023	8.197400	0.250300	33.57820
## 182	Mooring	2023-09-01	07:00:26	2023	8.188300	0.273600	33.58240
## 183	Mooring	2023-09-01	07:10:27	2023	8.177100	0.305700	33.58480
## 184	Mooring	2023-09-01	07:20:26	2023	8.174100	0.312900	33.58510
## 185	Mooring	2023-09-01	07:30:27	2023	8.171300	0.322500	33.58580
## 186	Mooring	2023-09-01	07:40:27	2023	8.166500	0.337600	33.58730
## 187	Mooring	2023-09-01	07:50:26	2023	8.159200	0.351900	33.58960
## 188	Mooring	2023-09-01	08:00:27	2023	8.156500	0.341100	33.59050
## 189	Mooring	2023-09-01	08:10:26	2023	8.154400	0.337300	33.59020
## 190	Mooring	2023-09-01	08:20:27	2023	8.151000	0.330300	33.59250
## 191	Mooring	2023-09-01	08:30:26	2023	8.152400	0.350100	33.59160
## 192	Mooring	2023-09-01	08:40:27	2023	8.152600	0.366200	33.59140
## 193	Mooring	2023-09-01	08:50:26	2023	8.152500	0.389700	33.59050
## 194	Mooring	2023-09-01	09:00:27	2023	8.152300	0.420500	33.59020
## 195	Mooring	2023-09-01	09:10:27	2023	8.152400	0.449800	33.59000
## 196	Mooring	2023-09-01	09:20:26	2023	8.151400	0.464700	33.58970
## 197	Mooring	2023-09-01	09:30:27	2023	8.151100	0.504500	33.58890
## 198	Mooring	2023-09-01	09:40:26	2023	8.150800	0.504300	33.58880
## 199	Mooring	2023-09-01	09:50:27	2023	8.151600	0.539500	33.58790
## 200	Mooring	2023-09-01	10:00:26	2023	8.152200	0.547100	33.58760
## 201	Mooring	2023-09-01	10:10:27	2023	8.149700	0.544800	33.58820
## 202	Mooring	2023-09-01	10:20:26	2023	8.147900	0.545900	33.58860
## 203	Mooring	2023-09-01	10:30:27	2023	8.148200	0.564100	33.58800
## 204	Mooring	2023-09-01	10:40:27	2023	8.148400	0.575600	33.58730
## 205	Mooring	2023-09-01	10:50:26	2023	8.150200	0.583200	33.58670
## 206	Mooring	2023-09-01	11:00:27	2023	8.155500	0.611300	33.58440
## 207	Mooring	2023-09-01	11:10:26	2023	8.160100	0.623100	33.58280
## 208	Mooring	2023-09-01	11:20:27	2023	8.164700	0.629200	33.58080
## 209	Mooring	2023-09-01	11:30:26	2023	8.169700	0.624800	33.57960
## 210	Mooring	2023-09-01	11:40:27	2023	8.176400	0.631700	33.57730
## 211	Mooring	2023-09-01	11:50:26	2023	8.187800	0.640800	33.57460
## 212	Mooring	2023-09-01	12:00:27	2023	8.188400	0.611000	33.57460
## 213	Mooring	2023-09-01	12:10:27	2023	8.194000	0.577400	33.57390
## 214	Mooring	2023-09-01	12:20:26	2023	8.198300	0.543200	33.57310
## 215	Mooring	2023-09-01	12:30:27	2023	8.205400	0.497700	33.57230
## 216	Mooring	2023-09-01	12:40:26	2023	8.209100	0.468500	33.57160

##	217	Mooring	2023-09-01	12:50:27	2023	8.215900	0.443400	33.57070
##	218	Mooring	2023-09-01	13:00:26	2023	8.222300	0.414900	33.56950
##	219	Mooring	2023-09-01	13:10:27	2023	8.235200	0.380200	33.56400
##	220	Mooring	2023-09-01	13:20:26	2023	8.244800	0.354400	33.56420
##	221	Mooring	2023-09-01	13:30:27	2023	8.257300	0.323600	33.56180
##	222	Mooring	2023-09-01	13:40:27	2023	8.256400	0.329500	33.56130
##	223	Mooring	2023-09-01	13:50:26	2023	8.283400	0.264600	33.55500
##	224	Mooring	2023-09-01	14:00:27	2023	8.280300	0.268700	33.55730
##	225	Mooring	2023-09-01	14:10:26	2023	8.285200	0.254400	33.55690
##	226	Mooring	2023-09-01	14:20:27	2023	8.282600	0.257900	33.55770
##	227	Mooring	2023-09-01	14:30:26	2023	8.291100	0.239700	33.55660
##	228	Mooring	2023-09-01	14:40:27	2023	8.292600	0.231300	33.55590
##	229	Mooring	2023-09-01	14:50:26	2023	8.297000	0.214000	33.55520
##	230	Mooring	2023-09-01	15:00:27	2023	8.301300	0.203700	33.55530
##	231	Mooring	2023-09-01	15:10:27	2023	8.303800	0.194100	33.55400
##	232	Mooring	2023-09-01	15:20:26	2023	8.316500	0.165600	33.55230
##	233	Mooring	2023-09-01	15:30:27	2023	8.315700	0.165700	33.55330
##	234	Mooring	2023-09-01	15:40:26	2023	8.297100	0.200800	33.55470
##	235	Mooring	2023-09-01	15:50:27	2023	8.275000	0.239700	33.55640
##	236	Mooring	2023-09-01	16:00:26	2023	8.248900	0.295900	33.56240
##	237	Mooring	2023-09-01	16:10:27	2023	8.234900	0.332400	33.56510
##	238	Mooring	2023-09-01	16:20:26	2023	8.221600	0.364400	33.56800
##	239	Mooring	2023-09-01	16:30:27	2023	8.215300	0.373200	33.56840
##	240	Mooring	2023-09-01	16:40:27	2023	8.209600	0.391000	33.57040
##	241	Mooring	2023-09-01	16:50:26	2023	8.204900	0.404900	33.57140
##	242	Mooring	2023-09-01	17:00:27	2023	8.198400	0.408700	33.57270
##	243	Mooring	2023-09-01	17:10:26	2023	8.189600	0.413800	33.57580
##	244	Mooring	2023-09-01	17:20:27	2023	8.184100	0.416600	33.57740
##	245	Mooring	2023-09-01	17:30:26	2023	8.176900	0.424000	33.57930
##	246	Mooring	2023-09-01	17:40:27	2023	8.165900	0.444100	33.58280
##	247	Mooring	2023-09-01	17:50:26	2023	8.161400	0.446000	33.58420
##	248	Mooring	2023-09-01	18:00:27	2023	8.155200	0.453400	33.58610
##	249	Mooring	2023-09-01	18:10:27	2023	8.150400	0.456600	33.58760
##	250	Mooring	2023-09-01	18:20:26	2023	8.146200	0.451200	33.58910
##	251	Mooring	2023-09-01	18:30:27	2023	8.142100	0.441200	33.59040
##	252	Mooring	2023-09-01	18:40:26	2023	8.139400	0.429700	33.59130
##	253	Mooring	2023-09-01	18:50:27	2023	8.135600	0.415100	33.59290
##	254	Mooring	2023-09-01	19:00:26	2023	8.130600	0.391600	33.59510
##	255	Mooring	2023-09-01	19:10:27	2023	8.128400	0.378200	33.59530
##	256	Mooring	2023-09-01	19:20:26	2023	8.124200	0.357000	33.59740
##	257	Mooring	2023-09-01	19:30:27	2023	8.114900	0.332800	33.60130
##	258	Mooring	2023-09-01	19:40:27	2023	8.111700	0.320200	33.60220
##	259	Mooring	2023-09-01	19:50:26	2023	8.108200	0.307900	33.60320
##	260	Mooring	2023-09-01	20:00:27	2023	8.106600	0.305600	33.60400
##	261	Mooring	2023-09-01	20:10:26	2023	8.103200	0.301400	33.60500
##	262	Mooring	2023-09-01	20:20:27	2023	8.100700	0.295700	33.60570
##	263	Mooring	2023-09-01	20:30:26	2023	8.097300	0.294100	33.60710
##	264	Mooring	2023-09-01	20:40:27	2023	8.095100	0.299600	33.60800
##	265	Mooring	2023-09-01	20:50:26	2023	8.094800	0.296900	33.60740
##	266	Mooring	2023-09-01	21:00:27	2023	8.094200	0.298400	33.60810
##	267	Mooring	2023-09-01	21:10:27	2023	8.093800	0.299200	33.60790
##	268	Mooring	2023-09-01	21:20:26	2023	8.091800	0.304600	33.60850
##	269	Mooring	2023-09-01	21:30:27	2023	8.093000	0.302700	33.60800
##	270	Mooring	2023-09-01	21:40:26	2023	8.094800	0.305000	33.60710

##	271	Mooring	2023-09-01	21:50:27	2023	8.096300	0.313900	33.60630
##	272	Mooring	2023-09-01	22:00:26	2023	8.097900	0.323100	33.60550
##	273	Mooring	2023-09-01	22:10:27	2023	8.099500	0.321500	33.60430
##	274	Mooring	2023-09-01	22:20:26	2023	8.102000	0.333100	33.60360
##	275	Mooring	2023-09-01	22:30:27	2023	8.106500	0.346500	33.60190
##	276	Mooring	2023-09-01	22:40:27	2023	8.109900	0.355700	33.60100
##	277	Mooring	2023-09-01	22:50:26	2023	8.113800	0.367300	33.59830
##	278	Mooring	2023-09-01	23:00:27	2023	8.117400	0.376900	33.59860
##	279	Mooring	2023-09-01	23:10:26	2023	8.119900	0.386900	33.59580
##	280	Mooring	2023-09-01	23:20:27	2023	8.122300	0.389900	33.59580
##	281	Mooring	2023-09-01	23:30:26	2023	8.125400	0.412300	33.59500
##	282	Mooring	2023-09-01	23:40:27	2023	8.127000	0.440400	33.59410
##	283	Mooring	2023-09-01	23:50:26	2023	8.128000	0.460700	33.59320
##	284	Mooring	2023-09-02	00:00:27	2023	8.130000	0.553000	33.59220
##	285	Mooring	2023-09-02	00:10:27	2023	8.134100	0.596300	33.59050
##	286	Mooring	2023-09-02	00:20:26	2023	8.140000	0.706100	33.58570
##	287	Mooring	2023-09-02	00:30:27	2023	8.145900	0.753900	33.58480
##	288	Mooring	2023-09-02	00:40:26	2023	8.151500	0.787600	33.58240
##	289	Mooring	2023-09-02	00:50:27	2023	8.159200	0.848000	33.57860
##	290	Mooring	2023-09-02	01:00:26	2023	8.161200	0.857400	33.57740
##	291	Mooring	2023-09-02	01:10:27	2023	8.169400	0.917000	33.57290
##	292	Mooring	2023-09-02	01:20:26	2023	8.175100	0.956100	33.56960
##	293	Mooring	2023-09-02	01:30:27	2023	8.181900	0.999000	33.56550
##	294	Mooring	2023-09-02	01:40:27	2023	8.184500	1.029300	33.56390
##	295	Mooring	2023-09-02	01:50:26	2023	8.190900	1.038600	33.56060
##	296	Mooring	2023-09-02	02:00:27	2023	8.194600	1.035100	33.55900
##	297	Mooring	2023-09-02	02:10:26	2023	8.190500	1.022800	33.56090
##	298	Mooring	2023-09-02	02:20:27	2023	8.209100	1.061000	33.55250
##	299	Mooring	2023-09-02	02:30:26	2023	8.207500	1.057400	33.55230
##	300	Mooring	2023-09-02	02:40:27	2023	8.211100	1.044600	33.55130
##	301	Mooring	2023-09-02	02:50:26	2023	8.215200	1.028700	33.54970
##	302	Mooring	2023-09-02	03:00:27	2023	8.220500	1.003600	33.54910
##	303	Mooring	2023-09-02	03:10:27	2023	8.225500	0.976600	33.54760
##	304	Mooring	2023-09-02	03:20:26	2023	8.231300	0.983500	33.54690
##	305	Mooring	2023-09-02	03:30:27	2023	8.228700	0.998200	33.54720
##	306	Mooring	2023-09-02	03:40:26	2023	8.251100	0.924400	33.54360
##	307	Mooring	2023-09-02	03:50:27	2023	8.253200	0.909600	33.54350
##	308	Mooring	2023-09-02	04:00:26	2023	8.251100	0.909300	33.54360
##	309	Mooring	2023-09-02	04:10:27	2023	8.258600	0.890600	33.54260
##	310	Mooring	2023-09-02	04:20:26	2023	8.246200	0.929500	33.54330
##	311	Mooring	2023-09-02	04:30:27	2023	8.245700	0.959100	33.54240
##	312	Mooring	2023-09-02	04:40:27	2023	8.235600	1.004700	33.54270
##	313	Mooring	2023-09-02	04:50:26	2023	8.226800	1.055600	33.54440
##	314	Mooring	2023-09-02	05:00:27	2023	8.202600	1.116600	33.55120
##	315	Mooring	2023-09-02	05:10:26	2023	8.173400	1.140300	33.56400
##	316	Mooring	2023-09-02	05:20:27	2023	8.162700	1.131600	33.56890
##	317	Mooring	2023-09-02	05:30:26	2023	8.148600	1.138600	33.57500
##	318	Mooring	2023-09-02	05:40:27	2023	8.144700	1.148300	33.57610
##	319	Mooring	2023-09-02	05:50:26	2023	8.136800	1.182500	33.57830
##	320	Mooring	2023-09-02	06:00:27	2023	8.130400	1.205700	33.57980
##	321	Mooring	2023-09-02	06:10:27	2023	8.120100	1.188200	33.58270
##	322	Mooring	2023-09-02	06:20:26	2023	8.102600	1.073500	33.59000
##	323	Mooring	2023-09-02	06:30:27	2023	8.097700	1.028000	33.59240
##	324	Mooring	2023-09-02	06:40:26	2023	8.095500	1.006600	33.59330

##	325	Mooring	2023-09-02	06:50:27	2023	8.093400	0.983100	33.59400
##	326	Mooring	2023-09-02	07:00:26	2023	8.088600	0.944700	33.59660
##	327	Mooring	2023-09-02	07:10:27	2023	8.086700	0.921600	33.59750
##	328	Mooring	2023-09-02	07:20:26	2023	8.083300	0.875800	33.59780
##	329	Mooring	2023-09-02	07:30:27	2023	8.083300	0.860800	33.59830
##	330	Mooring	2023-09-02	07:40:27	2023	8.077700	0.819200	33.60130
##	331	Mooring	2023-09-02	07:50:26	2023	8.069100	0.763400	33.60650
##	332	Mooring	2023-09-02	08:00:27	2023	8.067200	0.747800	33.60740
##	333	Mooring	2023-09-02	08:10:26	2023	8.067000	0.735500	33.60790
##	334	Mooring	2023-09-02	08:20:27	2023	8.064600	0.730200	33.60950
##	335	Mooring	2023-09-02	08:30:26	2023	8.062100	0.714700	33.61100
##	336	Mooring	2023-09-02	08:40:27	2023	8.062600	0.703200	33.60510
##	337	Mooring	2023-09-02	08:50:26	2023	8.061500	0.689300	33.61110
##	338	Mooring	2023-09-02	09:00:27	2023	8.061000	0.685500	33.61140
##	339	Mooring	2023-09-02	09:10:27	2023	8.059400	0.668500	33.61250
##	340	Mooring	2023-09-02	09:20:26	2023	8.057400	0.670100	33.61280
##	341	Mooring	2023-09-02	09:30:27	2023	8.056600	0.667400	33.61430
##	342	Mooring	2023-09-02	09:40:26	2023	8.054300	0.665200	33.61510
##	343	Mooring	2023-09-02	09:50:27	2023	8.048800	0.716700	33.61780
##	344	Mooring	2023-09-02	10:00:26	2023	8.048600	0.703800	33.61820
##	345	Mooring	2023-09-02	10:10:27	2023	8.048800	0.694500	33.61810
##	346	Mooring	2023-09-02	10:20:26	2023	8.047000	0.713100	33.61830
##	347	Mooring	2023-09-02	10:30:27	2023	8.043500	0.766200	33.61740
##	348	Mooring	2023-09-02	10:40:27	2023	8.044400	0.764400	33.62000
##	349	Mooring	2023-09-02	10:50:26	2023	8.041100	0.803200	33.62100
##	350	Mooring	2023-09-02	11:00:27	2023	8.042300	0.806100	33.62060
##	351	Mooring	2023-09-02	11:10:26	2023	8.046300	0.781300	33.61830
##	352	Mooring	2023-09-02	11:20:27	2023	8.046100	0.788300	33.61850
##	353	Mooring	2023-09-02	11:30:26	2023	8.053100	0.792800	33.61510
##	354	Mooring	2023-09-02	11:40:27	2023	8.056200	0.783800	33.61390
##	355	Mooring	2023-09-02	11:50:26	2023	8.055900	0.787300	33.61420
##	356	Mooring	2023-09-02	12:00:27	2023	8.057100	0.794700	33.61340
##	357	Mooring	2023-09-02	12:10:27	2023	8.060900	0.800300	33.61190
##	358	Mooring	2023-09-02	12:20:26	2023	8.062800	0.797200	33.61090
##	359	Mooring	2023-09-02	12:30:27	2023	8.067200	0.796700	33.60890
##	360	Mooring	2023-09-02	12:40:26	2023	8.069800	0.793200	33.60770
##	361	Mooring	2023-09-02	12:50:27	2023	8.073900	0.786500	33.60600
##	362	Mooring	2023-09-02	13:00:26	2023	8.077000	0.789600	33.60420
##	363	Mooring	2023-09-02	13:10:27	2023	8.078100	0.784900	33.60370
##	364	Mooring	2023-09-02	13:20:26	2023	8.080300	0.786400	33.60180
##	365	Mooring	2023-09-02	13:30:27	2023	8.083100	0.787900	33.60110
##	366	Mooring	2023-09-02	13:40:27	2023	8.089200	0.800900	33.59900
##	367	Mooring	2023-09-02	13:50:26	2023	8.093200	0.824800	33.59670
##	368	Mooring	2023-09-02	14:00:27	2023	8.100100	0.854700	33.59420
##	369	Mooring	2023-09-02	14:10:26	2023	8.106700	0.881900	33.59120
##	370	Mooring	2023-09-02	14:20:27	2023	8.113000	0.914200	33.58850
##	371	Mooring	2023-09-02	14:30:26	2023	8.121500	0.949800	33.58490
##	372	Mooring	2023-09-02	14:40:27	2023	8.129200	0.975400	33.58160
##	373	Mooring	2023-09-02	14:50:26	2023	8.132400	0.960900	33.58070
##	374	Mooring	2023-09-02	15:00:27	2023	8.138900	0.960100	33.57860
##	375	Mooring	2023-09-02	15:10:27	2023	8.142800	0.926400	33.57810
##	376	Mooring	2023-09-02	15:20:26	2023	8.148600	0.904000	33.57680
##	377	Mooring	2023-09-02	15:30:27	2023	8.157800	0.880700	33.57360
##	378	Mooring	2023-09-02	15:40:26	2023	8.158900	0.863400	33.57380

## 379	Mooring	2023-09-02	15:50:27	2023	8.161200	0.849500	33.57260
## 380	Mooring	2023-09-02	16:00:26	2023	8.161400	0.839500	33.57230
## 381	Mooring	2023-09-02	16:10:27	2023	8.159100	0.831100	33.57410
## 382	Mooring	2023-09-02	16:20:26	2023	8.157800	0.820000	33.57350
## 383	Mooring	2023-09-02	16:30:27	2023	8.151300	0.812700	33.57680
## 384	Mooring	2023-09-02	16:40:27	2023	8.149100	0.800500	33.57780
## 385	Mooring	2023-09-02	16:50:26	2023	8.146700	0.793200	33.57860
## 386	Mooring	2023-09-02	17:00:27	2023	8.144800	0.777100	33.57980
## 387	Mooring	2023-09-02	17:10:26	2023	8.144300	0.762900	33.58070
## 388	Mooring	2023-09-02	17:20:27	2023	8.142900	0.751300	33.58140
## 389	Mooring	2023-09-02	17:30:26	2023	8.141800	0.743700	33.58170
## 390	Mooring	2023-09-02	17:40:27	2023	8.140100	0.741100	33.58310
## 391	Mooring	2023-09-02	17:50:26	2023	8.138500	0.728700	33.58320
## 392	Mooring	2023-09-02	18:00:27	2023	8.135800	0.721900	33.58440
## 393	Mooring	2023-09-02	18:10:27	2023	8.131800	0.698800	33.58640
## 394	Mooring	2023-09-02	18:20:26	2023	8.130700	0.686900	33.58610
## 395	Mooring	2023-09-02	18:30:27	2023	8.129000	0.673900	33.58830
## 396	Mooring	2023-09-02	18:40:26	2023	8.128000	0.666200	33.58850
## 397	Mooring	2023-09-02	18:50:27	2023	8.126400	0.656600	33.58960
## 398	Mooring	2023-09-02	19:00:26	2023	8.124900	0.638900	33.59090
## 399	Mooring	2023-09-02	19:10:27	2023	8.121500	0.615800	33.59240
## 400	Mooring	2023-09-02	19:20:26	2023	8.118700	0.601300	33.59460
## 401	Mooring	2023-09-02	19:30:27	2023	8.116400	0.588600	33.59500
## 402	Mooring	2023-09-02	19:40:27	2023	8.103600	0.578000	33.60000
## 403	Mooring	2023-09-02	19:50:26	2023	8.088300	0.589500	33.60870
## 404	Mooring	2023-09-02	20:00:27	2023	8.084500	0.590200	33.61070
## 405	Mooring	2023-09-02	20:10:26	2023	8.080500	0.594900	33.61240
## 406	Mooring	2023-09-02	20:20:27	2023	8.077400	0.593100	33.61310
## 407	Mooring	2023-09-02	20:30:26	2023	8.068100	0.602900	33.61770
## 408	Mooring	2023-09-02	20:40:27	2023	8.067500	0.597000	33.61800
## 409	Mooring	2023-09-02	20:50:26	2023	8.062100	0.596700	33.62080
## 410	Mooring	2023-09-02	21:00:27	2023	8.059500	0.593700	33.62180
## 411	Mooring	2023-09-02	21:10:27	2023	8.057800	0.586000	33.62270
## 412	Mooring	2023-09-02	21:20:26	2023	8.055900	0.580600	33.62330
## 413	Mooring	2023-09-02	21:30:27	2023	8.053500	0.576800	33.62470
## 414	Mooring	2023-09-02	21:40:26	2023	8.054800	0.567100	33.62410
## 415	Mooring	2023-09-02	21:50:27	2023	8.052600	0.563300	33.62510
## 416	Mooring	2023-09-02	22:00:26	2023	8.055200	0.553600	33.62450
## 417	Mooring	2023-09-02	22:10:27	2023	8.058900	0.539700	33.62220
## 418	Mooring	2023-09-02	22:20:26	2023	8.059100	0.531200	33.62330
## 419	Mooring	2023-09-02	22:30:27	2023	8.061600	0.521500	33.62220
## 420	Mooring	2023-09-02	22:40:27	2023	8.060500	0.511500	33.62200
## 421	Mooring	2023-09-02	22:50:26	2023	8.061300	0.503000	33.62250
## 422	Mooring	2023-09-02	23:00:27	2023	8.061200	0.495700	33.62200
## 423	Mooring	2023-09-02	23:10:26	2023	8.060900	0.491500	33.62250
## 424	Mooring	2023-09-02	23:20:27	2023	8.060900	0.479100	33.62260
## 425	Mooring	2023-09-02	23:30:26	2023	8.064200	0.460500	33.62100
## 426	Mooring	2023-09-02	23:40:27	2023	8.065600	0.447400	33.61890
## 427	Mooring	2023-09-02	23:50:26	2023	8.066800	0.441600	33.61830
## 428	Mooring	2023-09-03	00:00:27	2023	8.068800	0.425700	33.61850
## 429	Mooring	2023-09-03	00:10:27	2023	8.078000	0.402500	33.61560
## 430	Mooring	2023-09-03	00:20:26	2023	8.080200	0.394800	33.61600
## 431	Mooring	2023-09-03	00:30:27	2023	8.093100	0.366500	33.61270
## 432	Mooring	2023-09-03	00:40:26	2023	8.081800	0.380600	33.61400

## 433	Mooring	2023-09-03	00:50:27	2023	8.091100	0.364600	33.61480
## 434	Mooring	2023-09-03	01:00:26	2023	8.108300	0.315800	33.60400
## 435	Mooring	2023-09-03	01:10:27	2023	8.137400	0.288700	33.59460
## 436	Mooring	2023-09-03	01:20:26	2023	8.154500	0.255500	33.58520
## 437	Mooring	2023-09-03	01:30:27	2023	8.184500	0.236600	33.57810
## 438	Mooring	2023-09-03	01:40:27	2023	8.213400	0.220700	33.56960
## 439	Mooring	2023-09-03	01:50:26	2023	8.241300	0.240200	33.56320
## 440	Mooring	2023-09-03	02:00:27	2023	8.264400	0.246200	33.55850
## 441	Mooring	2023-09-03	02:10:26	2023	8.272900	0.234900	33.55540
## 442	Mooring	2023-09-03	02:20:27	2023	8.289300	0.250700	33.55320
## 443	Mooring	2023-09-03	02:30:26	2023	8.305600	0.259700	33.55160
## 444	Mooring	2023-09-03	02:40:27	2023	8.330900	0.288800	33.54380
## 445	Mooring	2023-09-03	02:50:26	2023	8.346000	0.308200	33.54170
## 446	Mooring	2023-09-03	03:00:27	2023	8.364500	0.340600	33.53630
## 447	Mooring	2023-09-03	03:10:27	2023	8.391000	0.389800	33.53270
## 448	Mooring	2023-09-03	03:20:26	2023	8.408800	0.418300	33.52800
## 449	Mooring	2023-09-03	03:30:27	2023	8.410600	0.417400	33.52770
## 450	Mooring	2023-09-03	03:40:26	2023	8.421200	0.437600	33.52460
## 451	Mooring	2023-09-03	03:50:27	2023	8.435400	0.467300	33.52110
## 452	Mooring	2023-09-03	04:00:26	2023	8.439100	0.474900	33.51780
## 453	Mooring	2023-09-03	04:10:27	2023	8.448700	0.492800	33.51460
## 454	Mooring	2023-09-03	04:20:26	2023	8.451200	0.499200	33.51140
## 455	Mooring	2023-09-03	04:30:27	2023	8.457600	0.518700	33.50950
## 456	Mooring	2023-09-03	04:40:27	2023	8.463400	0.540800	33.50720
## 457	Mooring	2023-09-03	04:50:26	2023	8.466300	0.560300	33.50190
## 458	Mooring	2023-09-03	05:00:27	2023	8.478900	0.622500	33.50000
## 459	Mooring	2023-09-03	05:10:26	2023	8.488900	0.639700	33.50070
## 460	Mooring	2023-09-03	05:20:27	2023	8.494600	0.704800	33.49620
## 461	Mooring	2023-09-03	05:30:26	2023	8.494600	0.727900	33.49280
## 462	Mooring	2023-09-03	05:40:27	2023	8.504800	0.739500	33.49470
## 463	Mooring	2023-09-03	05:50:26	2023	8.511000	0.776500	33.49170
## 464	Mooring	2023-09-03	06:00:27	2023	8.515400	0.784300	33.49040
## 465	Mooring	2023-09-03	06:10:27	2023	8.523600	0.771600	33.49110
## 466	Mooring	2023-09-03	06:20:26	2023	8.529300	0.750400	33.49240
## 467	Mooring	2023-09-03	06:30:27	2023	8.537900	0.742000	33.49330
## 468	Mooring	2023-09-03	06:40:26	2023	8.545000	0.748000	33.49280
## 469	Mooring	2023-09-03	06:50:27	2023	8.531400	0.726700	33.49020
## 470	Mooring	2023-09-03	07:00:26	2023	8.537500	0.750900	33.48450
## 471	Mooring	2023-09-03	07:10:27	2023	8.537300	0.725500	33.49340
## 472	Mooring	2023-09-03	07:20:26	2023	8.544800	0.722400	33.49570
## 473	Mooring	2023-09-03	07:30:27	2023	8.546600	0.728600	33.49440
## 474	Mooring	2023-09-03	07:40:27	2023	8.552100	0.736100	33.49580
## 475	Mooring	2023-09-03	07:50:26	2023	8.539800	0.711800	33.49630
## 476	Mooring	2023-09-03	08:00:27	2023	8.540900	0.713800	33.49850
## 477	Mooring	2023-09-03	08:10:26	2023	8.537900	0.706900	33.49780
## 478	Mooring	2023-09-03	08:20:27	2023	8.529800	0.696000	33.49830
## 479	Mooring	2023-09-03	08:30:26	2023	8.524100	0.698500	33.49890
## 480	Mooring	2023-09-03	08:40:27	2023	8.521800	0.698900	33.49940
## 481	Mooring	2023-09-03	08:50:26	2023	8.523800	0.703000	33.49810
## 482	Mooring	2023-09-03	09:00:27	2023	8.524300	0.708800	33.49720
## 483	Mooring	2023-09-03	09:10:27	2023	8.520300	0.706100	33.49870
## 484	Mooring	2023-09-03	09:20:26	2023	8.523100	0.727900	33.49700
## 485	Mooring	2023-09-03	09:30:27	2023	8.204500	0.521800	33.58110
## 486	Mooring	2023-09-03	09:40:26	2023	8.190800	0.519200	33.58590

## 487	Mooring	2023-09-03	09:50:27	2023	8.174000	0.524500	33.58790
## 488	Mooring	2023-09-03	10:00:26	2023	8.135900	0.628100	33.59670
## 489	Mooring	2023-09-03	10:10:27	2023	8.133700	0.636600	33.60180
## 490	Mooring	2023-09-03	10:20:26	2023	8.131200	0.647400	33.59880
## 491	Mooring	2023-09-03	10:30:27	2023	8.117400	0.706300	33.60540
## 492	Mooring	2023-09-03	10:40:27	2023	8.114600	0.696900	33.60760
## 493	Mooring	2023-09-03	10:50:26	2023	8.113000	0.713200	33.60670
## 494	Mooring	2023-09-03	11:00:27	2023	8.112200	0.712400	33.60890
## 495	Mooring	2023-09-03	11:10:26	2023	8.107900	0.737600	33.61020
## 496	Mooring	2023-09-03	11:20:27	2023	8.107400	0.749500	33.61080
## 497	Mooring	2023-09-03	11:30:26	2023	8.108600	0.750200	33.61120
## 498	Mooring	2023-09-03	11:40:27	2023	8.116000	0.728000	33.60760
## 499	Mooring	2023-09-03	11:50:26	2023	8.118200	0.723800	33.60780
## 500	Mooring	2023-09-03	12:00:27	2023	8.115300	0.730000	33.60740
## 501	Mooring	2023-09-03	12:10:27	2023	8.115600	0.736200	33.60740
## 502	Mooring	2023-09-03	12:20:26	2023	8.115300	0.736600	33.60790
## 503	Mooring	2023-09-03	12:30:27	2023	8.117500	0.735400	33.60750
## 504	Mooring	2023-09-03	12:40:26	2023	8.119500	0.728700	33.60750
## 505	Mooring	2023-09-03	12:50:27	2023	8.127600	0.712800	33.60590
## 506	Mooring	2023-09-03	13:00:26	2023	8.131400	0.701200	33.60350
## 507	Mooring	2023-09-03	13:10:27	2023	8.139400	0.692500	33.60330
## 508	Mooring	2023-09-03	13:20:26	2023	8.145000	0.680500	33.60050
## 509	Mooring	2023-09-03	13:30:27	2023	8.152600	0.663400	33.59840
## 510	Mooring	2023-09-03	13:40:27	2023	8.160200	0.657600	33.59680
## 511	Mooring	2023-09-03	13:50:26	2023	8.176800	0.659700	33.59020
## 512	Mooring	2023-09-03	14:00:27	2023	8.197500	0.656600	33.58530
## 513	Mooring	2023-09-03	14:10:26	2023	8.214200	0.647100	33.57850
## 514	Mooring	2023-09-03	14:20:27	2023	8.263600	0.654900	33.56710
## 515	Mooring	2023-09-03	14:30:26	2023	8.291000	0.656000	33.56010
## 516	Mooring	2023-09-03	14:40:27	2023	8.328000	0.647300	33.55610
## 517	Mooring	2023-09-03	14:50:26	2023	8.370100	0.624800	33.54130
## 518	Mooring	2023-09-03	15:00:27	2023	8.388000	0.611600	33.53610
## 519	Mooring	2023-09-03	15:10:27	2023	8.441300	0.581700	33.52300
## 520	Mooring	2023-09-03	15:20:26	2023	8.481100	0.572100	33.51130
## 521	Mooring	2023-09-03	15:30:27	2023	8.496900	0.562400	33.50710
## 522	Mooring	2023-09-03	15:40:26	2023	8.506300	0.563100	33.50170
## 523	Mooring	2023-09-03	15:50:27	2023	8.495000	0.616100	33.50540
## 524	Mooring	2023-09-03	16:00:26	2023	8.485000	0.606800	33.50280
## 525	Mooring	2023-09-03	16:10:27	2023	8.453400	0.660600	33.50760
## 526	Mooring	2023-09-03	16:20:26	2023	8.404400	0.785600	33.52100
## 527	Mooring	2023-09-03	16:30:27	2023	8.387800	0.823100	33.52370
## 528	Mooring	2023-09-03	16:40:27	2023	8.386400	0.821000	33.52420
## 529	Mooring	2023-09-03	16:50:26	2023	8.387800	0.817600	33.52460
## 530	Mooring	2023-09-03	17:00:27	2023	8.394100	0.807500	33.52390
## 531	Mooring	2023-09-03	17:10:26	2023	8.404700	0.787300	33.52340
## 532	Mooring	2023-09-03	17:20:27	2023	8.415700	0.771500	33.52250
## 533	Mooring	2023-09-03	17:30:26	2023	8.427800	0.751700	33.52170
## 534	Mooring	2023-09-03	17:40:27	2023	8.436600	0.739000	33.52040
## 535	Mooring	2023-09-03	17:50:26	2023	8.450500	0.721600	33.52010
## 536	Mooring	2023-09-03	18:00:27	2023	8.461500	0.708400	33.51920
## 537	Mooring	2023-09-03	18:10:27	2023	8.477100	0.697100	33.51940
## 538	Mooring	2023-09-03	18:20:26	2023	8.487200	0.688500	33.51810
## 539	Mooring	2023-09-03	18:30:27	2023	8.503200	0.677600	33.51750
## 540	Mooring	2023-09-03	18:40:26	2023	8.505400	0.671800	33.51670

## 541	Mooring	2023-09-03	18:50:27	2023	8.485200	0.683000	33.51860
## 542	Mooring	2023-09-03	19:00:26	2023	8.451900	0.708400	33.52220
## 543	Mooring	2023-09-03	19:10:27	2023	8.415500	0.746100	33.52600
## 544	Mooring	2023-09-03	19:20:26	2023	8.375200	0.790100	33.53050
## 545	Mooring	2023-09-03	19:30:27	2023	8.348400	0.827000	33.53220
## 546	Mooring	2023-09-03	19:40:27	2023	8.324700	0.880500	33.53490
## 547	Mooring	2023-09-03	19:50:26	2023	8.311100	0.906300	33.53510
## 548	Mooring	2023-09-03	20:00:27	2023	8.298200	0.928900	33.53890
## 549	Mooring	2023-09-03	20:10:26	2023	8.292400	0.937100	33.53890
## 550	Mooring	2023-09-03	20:20:27	2023	8.283900	0.949900	33.54050
## 551	Mooring	2023-09-03	20:30:26	2023	8.278400	0.959300	33.54100
## 552	Mooring	2023-09-03	20:40:27	2023	8.269800	0.974100	33.54320
## 553	Mooring	2023-09-03	20:50:26	2023	8.266200	0.973400	33.54200
## 554	Mooring	2023-09-03	21:00:27	2023	8.259500	0.981600	33.54320
## 555	Mooring	2023-09-03	21:10:27	2023	8.258800	0.973500	33.54360
## 556	Mooring	2023-09-03	21:20:26	2023	8.250200	0.989500	33.54590
## 557	Mooring	2023-09-03	21:30:27	2023	8.247400	0.988800	33.54520
## 558	Mooring	2023-09-03	21:40:26	2023	8.240400	0.995900	33.54790
## 559	Mooring	2023-09-03	21:50:27	2023	8.241100	0.983200	33.54650
## 560	Mooring	2023-09-03	22:00:26	2023	8.235200	0.991400	33.54780
## 561	Mooring	2023-09-03	22:10:27	2023	8.223700	1.025200	33.55130
## 562	Mooring	2023-09-03	22:20:26	2023	8.222100	1.018900	33.55140
## 563	Mooring	2023-09-03	22:30:27	2023	8.218600	1.024800	33.55240
## 564	Mooring	2023-09-03	22:40:27	2023	8.216700	1.024500	33.55310
## 565	Mooring	2023-09-03	22:50:26	2023	8.207900	1.038600	33.55500
## 566	Mooring	2023-09-03	23:00:27	2023	8.204600	1.050300	33.55650
## 567	Mooring	2023-09-03	23:10:26	2023	8.201900	1.051400	33.55720
## 568	Mooring	2023-09-03	23:20:27	2023	8.204200	1.039300	33.55700
## 569	Mooring	2023-09-03	23:30:26	2023	8.198600	1.055000	33.55860
## 570	Mooring	2023-09-03	23:40:27	2023	8.196800	1.061100	33.55780
## 571	Mooring	2023-09-03	23:50:26	2023	8.202300	1.051300	33.55750
## 572	Mooring	2023-09-04	00:00:27	2023	8.200200	1.063000	33.55420
## 573	Mooring	2023-09-04	00:10:27	2023	8.198200	1.066800	33.55760
## 574	Mooring	2023-09-04	00:20:26	2023	8.200900	1.066300	33.55750
## 575	Mooring	2023-09-04	00:30:27	2023	8.200500	1.081000	33.55810
## 576	Mooring	2023-09-04	00:40:26	2023	8.203600	1.079300	33.55440
## 577	Mooring	2023-09-04	00:50:27	2023	8.203300	1.089000	33.55680
## 578	Mooring	2023-09-04	01:00:26	2023	8.205200	1.085400	33.55610
## 579	Mooring	2023-09-04	01:10:27	2023	8.208600	1.079900	33.55470
## 580	Mooring	2023-09-04	01:20:26	2023	8.215700	1.086300	33.55280
## 581	Mooring	2023-09-04	01:30:27	2023	8.219200	1.100900	33.54780
## 582	Mooring	2023-09-04	01:40:27	2023	8.220300	1.122700	33.54910
## 583	Mooring	2023-09-04	01:50:26	2023	8.225800	1.104700	33.54990
## 584	Mooring	2023-09-04	02:00:27	2023	8.239800	1.063600	33.54720
## 585	Mooring	2023-09-04	02:10:26	2023	8.253100	1.026400	33.54470
## 586	Mooring	2023-09-04	02:20:27	2023	8.267000	0.988800	33.54380
## 587	Mooring	2023-09-04	02:30:26	2023	8.282400	0.955400	33.54190
## 588	Mooring	2023-09-04	02:40:27	2023	8.289000	0.938400	33.53980
## 589	Mooring	2023-09-04	02:50:26	2023	8.301800	0.915500	33.53820
## 590	Mooring	2023-09-04	03:00:27	2023	8.330100	0.840300	33.53550
## 591	Mooring	2023-09-04	03:10:27	2023	8.352000	0.764000	33.53310
## 592	Mooring	2023-09-04	03:20:26	2023	8.392400	0.678700	33.53310
## 593	Mooring	2023-09-04	03:30:27	2023	8.454200	0.567100	33.52310
## 594	Mooring	2023-09-04	03:40:26	2023	8.499000	0.556200	33.51650

##	595	Mooring	2023-09-04	03:50:27	2023	8.540800	0.576000	33.50900
##	596	Mooring	2023-09-04	04:00:26	2023	8.567900	0.595000	33.50350
##	597	Mooring	2023-09-04	04:10:27	2023	8.588400	0.599300	33.49970
##	598	Mooring	2023-09-04	04:20:26	2023	8.596200	0.604100	33.49740
##	599	Mooring	2023-09-04	04:30:27	2023	8.616000	0.559900	33.49840
##	600	Mooring	2023-09-04	04:40:27	2023	8.634900	0.517400	33.49830
##	601	Mooring	2023-09-04	04:50:26	2023	8.647300	0.501000	33.49800
##	602	Mooring	2023-09-04	05:00:27	2023	8.667300	0.483300	33.49780
##	603	Mooring	2023-09-04	05:10:26	2023	8.682800	0.454500	33.49810
##	604	Mooring	2023-09-04	05:20:27	2023	8.691300	0.425200	33.49850
##	605	Mooring	2023-09-04	05:30:26	2023	8.703300	0.413700	33.49740
##	606	Mooring	2023-09-04	05:40:27	2023	8.720900	0.421200	33.49800
##	607	Mooring	2023-09-04	05:50:26	2023	8.723400	0.443600	33.49550
##	608	Mooring	2023-09-04	06:00:27	2023	8.722900	0.453100	33.49420
##	609	Mooring	2023-09-04	06:10:27	2023	8.715200	0.458900	33.49500
##	610	Mooring	2023-09-04	06:20:26	2023	8.714300	0.460400	33.49580
##	611	Mooring	2023-09-04	06:30:27	2023	8.718000	0.455400	33.49510
##	612	Mooring	2023-09-04	06:40:26	2023	8.718400	0.455000	33.49470
##	613	Mooring	2023-09-04	06:50:27	2023	8.718300	0.456900	33.49540
##	614	Mooring	2023-09-04	07:00:26	2023	8.723700	0.461100	33.49510
##	615	Mooring	2023-09-04	07:10:27	2023	8.728000	0.463300	33.49310
##	616	Mooring	2023-09-04	07:20:26	2023	8.729800	0.466700	33.49000
##	617	Mooring	2023-09-04	07:30:27	2023	8.730300	0.464800	33.49130
##	618	Mooring	2023-09-04	07:40:27	2023	8.730400	0.470200	33.49150
##	619	Mooring	2023-09-04	07:50:26	2023	8.729600	0.477800	33.49240
##	620	Mooring	2023-09-04	08:00:27	2023	8.725700	0.486600	33.49240
##	621	Mooring	2023-09-04	08:10:26	2023	8.726900	0.490700	33.49340
##	622	Mooring	2023-09-04	08:20:27	2023	8.726300	0.493400	33.49080
##	623	Mooring	2023-09-04	08:30:26	2023	8.723500	0.507900	33.49330
##	624	Mooring	2023-09-04	08:40:27	2023	8.720700	0.523100	33.49430
##	625	Mooring	2023-09-04	08:50:26	2023	8.722800	0.528700	33.49560
##	626	Mooring	2023-09-04	09:00:27	2023	8.726300	0.528700	33.49470
##	627	Mooring	2023-09-04	09:10:27	2023	8.729500	0.523300	33.49430
##	628	Mooring	2023-09-04	09:20:26	2023	8.731700	0.515000	33.49290
##	629	Mooring	2023-09-04	09:30:27	2023	8.733500	0.507700	33.49390
##	630	Mooring	2023-09-04	09:40:26	2023	8.733900	0.500900	33.49340
##	631	Mooring	2023-09-04	09:50:27	2023	8.736000	0.489100	33.49350
##	632	Mooring	2023-09-04	10:00:26	2023	8.736700	0.479200	33.49370
##	633	Mooring	2023-09-04	10:10:27	2023	8.734000	0.461000	33.49630
##	634	Mooring	2023-09-04	10:20:26	2023	8.728800	0.455000	33.49690
##	635	Mooring	2023-09-04	10:30:27	2023	8.728300	0.447800	33.49670
##	636	Mooring	2023-09-04	10:40:27	2023	8.723800	0.439500	33.49650
##	637	Mooring	2023-09-04	10:50:26	2023	8.703800	0.414600	33.50070
##	638	Mooring	2023-09-04	11:00:27	2023	8.690100	0.393800	33.50210
##	639	Mooring	2023-09-04	11:10:26	2023	8.691600	0.392700	33.50170
##	640	Mooring	2023-09-04	11:20:27	2023	8.681800	0.374100	33.50270
##	641	Mooring	2023-09-04	11:30:26	2023	8.673600	0.366600	33.50450
##	642	Mooring	2023-09-04	11:40:27	2023	8.670400	0.360900	33.50480
##	643	Mooring	2023-09-04	11:50:26	2023	8.661900	0.342700	33.50630
##	644	Mooring	2023-09-04	12:00:27	2023	8.662000	0.339300	33.50570
##	645	Mooring	2023-09-04	12:10:27	2023	8.666200	0.335900	33.50600
##	646	Mooring	2023-09-04	12:20:26	2023	8.665300	0.328700	33.50410
##	647	Mooring	2023-09-04	12:30:27	2023	8.662000	0.315400	33.50490
##	648	Mooring	2023-09-04	12:40:26	2023	8.658600	0.309300	33.50670

## 649	Mooring	2023-09-04	12:50:27	2023	8.667000	0.300100	33.50590
## 650	Mooring	2023-09-04	13:00:26	2023	8.673800	0.288300	33.50450
## 651	Mooring	2023-09-04	13:10:27	2023	8.676700	0.284800	33.50530
## 652	Mooring	2023-09-04	13:20:26	2023	8.685400	0.284000	33.50300
## 653	Mooring	2023-09-04	13:30:27	2023	8.688000	0.276400	33.50310
## 654	Mooring	2023-09-04	13:40:27	2023	8.696100	0.269500	33.50360
## 655	Mooring	2023-09-04	13:50:26	2023	8.703900	0.258000	33.50360
## 656	Mooring	2023-09-04	14:00:27	2023	8.707500	0.250800	33.50340
## 657	Mooring	2023-09-04	14:10:26	2023	8.719900	0.247000	33.49860
## 658	Mooring	2023-09-04	14:20:27	2023	8.727000	0.243100	33.50260
## 659	Mooring	2023-09-04	14:30:26	2023	8.733900	0.236200	33.49960
## 660	Mooring	2023-09-04	14:40:27	2023	8.749600	0.231200	33.49940
## 661	Mooring	2023-09-04	14:50:26	2023	8.764900	0.225000	33.49620
## 662	Mooring	2023-09-04	15:00:27	2023	8.787000	0.219200	33.49510
## 663	Mooring	2023-09-04	15:10:27	2023	8.798400	0.215400	33.49500
## 664	Mooring	2023-09-04	15:20:26	2023	8.811500	0.215000	33.49130
## 665	Mooring	2023-09-04	15:30:27	2023	8.826200	0.213400	33.49180
## 666	Mooring	2023-09-04	15:40:26	2023	8.838100	0.209900	33.48960
## 667	Mooring	2023-09-04	15:50:27	2023	8.849500	0.207900	33.48890
## 668	Mooring	2023-09-04	16:00:26	2023	8.866500	0.212000	33.48790
## 669	Mooring	2023-09-04	16:10:27	2023	8.870600	0.210900	33.48510
## 670	Mooring	2023-09-04	16:20:26	2023	8.884900	0.216100	33.48200
## 671	Mooring	2023-09-04	16:30:27	2023	8.900400	0.220900	33.48230
## 672	Mooring	2023-09-04	16:40:27	2023	8.908600	0.225400	33.47920
## 673	Mooring	2023-09-04	16:50:26	2023	8.924400	0.247000	33.47920
## 674	Mooring	2023-09-04	17:00:27	2023	8.937600	0.260100	33.47540
## 675	Mooring	2023-09-04	17:10:26	2023	8.945200	0.265300	33.47260
## 676	Mooring	2023-09-04	17:20:27	2023	8.968400	0.297700	33.47150
## 677	Mooring	2023-09-04	17:30:26	2023	8.970600	0.291900	33.47080
## 678	Mooring	2023-09-04	17:40:27	2023	8.989100	0.319100	33.46760
## 679	Mooring	2023-09-04	17:50:26	2023	9.007500	0.341900	33.46660
## 680	Mooring	2023-09-04	18:00:27	2023	9.014000	0.351600	33.46630
## 681	Mooring	2023-09-04	18:10:27	2023	9.032000	0.381000	33.46210
## 682	Mooring	2023-09-04	18:20:26	2023	9.036900	0.385000	33.46180
## 683	Mooring	2023-09-04	18:30:27	2023	9.042100	0.404600	33.46060
## 684	Mooring	2023-09-04	18:40:26	2023	9.040600	0.398500	33.46010
## 685	Mooring	2023-09-04	18:50:27	2023	9.033200	0.380800	33.46130
## 686	Mooring	2023-09-04	19:00:26	2023	9.028500	0.362800	33.45900
## 687	Mooring	2023-09-04	19:10:27	2023	9.013700	0.333800	33.46490
## 688	Mooring	2023-09-04	19:20:26	2023	9.006600	0.312000	33.46500
## 689	Mooring	2023-09-04	19:30:27	2023	8.999200	0.291700	33.46570
## 690	Mooring	2023-09-04	19:40:27	2023	8.988000	0.269500	33.46490
## 691	Mooring	2023-09-04	19:50:26	2023	8.972700	0.237500	33.47090
## 692	Mooring	2023-09-04	20:00:27	2023	8.956800	0.204300	33.47540
## 693	Mooring	2023-09-04	20:10:26	2023	8.958300	0.202900	33.47360
## 694	Mooring	2023-09-04	20:20:27	2023	8.947400	0.176800	33.47490
## 695	Mooring	2023-09-04	20:30:26	2023	8.941100	0.154900	33.47230
## 696	Mooring	2023-09-04	20:40:27	2023	8.929700	0.137200	33.47770
## 697	Mooring	2023-09-04	20:50:26	2023	8.921800	0.121800	33.47650
## 698	Mooring	2023-09-04	21:00:27	2023	8.920200	0.113500	33.47650
## 699	Mooring	2023-09-04	21:10:27	2023	8.912300	0.103300	33.47310
## 700	Mooring	2023-09-04	21:20:26	2023	8.904000	0.093100	33.48250
## 701	Mooring	2023-09-04	21:30:27	2023	8.897200	0.085600	33.48270
## 702	Mooring	2023-09-04	21:40:26	2023	8.893600	0.074600	33.48150

##	703	Mooring	2023-09-04	21:50:27	2023	8.885500	0.069000	33.48350
##	704	Mooring	2023-09-04	22:00:26	2023	8.877100	0.061400	33.48640
##	705	Mooring	2023-09-04	22:10:27	2023	8.869300	0.059900	33.49180
##	706	Mooring	2023-09-04	22:20:26	2023	8.866500	0.053500	33.49140
##	707	Mooring	2023-09-04	22:30:27	2023	8.866100	0.047800	33.48940
##	708	Mooring	2023-09-04	22:40:27	2023	8.860900	0.049000	33.49340
##	709	Mooring	2023-09-04	22:50:26	2023	8.858600	0.047100	33.49310
##	710	Mooring	2023-09-04	23:00:27	2023	8.858600	0.042900	33.49170
##	711	Mooring	2023-09-04	23:10:26	2023	8.856300	0.044400	33.49380
##	712	Mooring	2023-09-04	23:20:27	2023	8.849500	0.053200	33.49300
##	713	Mooring	2023-09-04	23:30:26	2023	8.850800	0.049300	33.49370
##	714	Mooring	2023-09-04	23:40:27	2023	8.853200	0.052000	33.49410
##	715	Mooring	2023-09-04	23:50:26	2023	8.852800	0.050500	33.48940
##	716	Mooring	2023-09-05	00:00:27	2023	8.854000	0.051200	33.49050
##	717	Mooring	2023-09-05	00:10:27	2023	8.849800	0.055800	33.48700
##	718	Mooring	2023-09-05	00:20:26	2023	8.849900	0.056200	33.48980
##	719	Mooring	2023-09-05	00:30:27	2023	8.845300	0.066000	33.49230
##	720	Mooring	2023-09-05	00:40:26	2023	8.846600	0.064100	33.49080
##	721	Mooring	2023-09-05	00:50:27	2023	8.844600	0.066400	33.49250
##	722	Mooring	2023-09-05	01:00:26	2023	8.850300	0.072800	33.49220
##	723	Mooring	2023-09-05	01:10:27	2023	8.853500	0.077400	33.48720
##	724	Mooring	2023-09-05	01:20:26	2023	8.857100	0.087600	33.48880
##	725	Mooring	2023-09-05	01:30:27	2023	8.860300	0.105000	33.48890
##	726	Mooring	2023-09-05	01:40:27	2023	8.864400	0.117500	33.48700
##	727	Mooring	2023-09-05	01:50:26	2023	8.873000	0.129200	33.48620
##	728	Mooring	2023-09-05	02:00:27	2023	8.874000	0.134100	33.48370
##	729	Mooring	2023-09-05	02:10:26	2023	8.886800	0.164400	33.48040
##	730	Mooring	2023-09-05	02:20:27	2023	8.895500	0.190100	33.47780
##	731	Mooring	2023-09-05	02:30:26	2023	8.898900	0.196000	33.47890
##	732	Mooring	2023-09-05	02:40:27	2023	8.911000	0.227100	33.47480
##	733	Mooring	2023-09-05	02:50:26	2023	8.913900	0.231100	33.47310
##	734	Mooring	2023-09-05	03:00:27	2023	8.925600	0.268200	33.47200
##	735	Mooring	2023-09-05	03:10:27	2023	8.929300	0.274100	33.46710
##	736	Mooring	2023-09-05	03:20:26	2023	8.940700	0.298300	33.46820
##	737	Mooring	2023-09-05	03:30:27	2023	8.944300	0.305400	33.46690
##	738	Mooring	2023-09-05	03:40:26	2023	8.960400	0.331000	33.46520
##	739	Mooring	2023-09-05	03:50:27	2023	8.979500	0.369800	33.46200
##	740	Mooring	2023-09-05	04:00:26	2023	9.003400	0.411100	33.45600
##	741	Mooring	2023-09-05	04:10:27	2023	9.031300	0.473100	33.45150
##	742	Mooring	2023-09-05	04:20:26	2023	9.049300	0.504100	33.44800
##	743	Mooring	2023-09-05	04:30:27	2023	9.066300	0.533200	33.44540
##	744	Mooring	2023-09-05	04:40:27	2023	9.098500	0.590100	33.44130
##	745	Mooring	2023-09-05	04:50:26	2023	9.138400	0.664100	33.43370
##	746	Mooring	2023-09-05	05:00:27	2023	9.167400	0.715800	33.42500
##	747	Mooring	2023-09-05	05:10:26	2023	9.202700	0.779100	33.41760
##	748	Mooring	2023-09-05	05:20:27	2023	9.210600	0.791900	33.41780
##	749	Mooring	2023-09-05	05:30:26	2023	9.231700	0.826200	33.40780
##	750	Mooring	2023-09-05	05:40:27	2023	9.243000	0.847700	33.40590
##	751	Mooring	2023-09-05	05:50:26	2023	9.261600	0.884200	33.39990
##	752	Mooring	2023-09-05	06:00:27	2023	9.274600	0.913800	33.40640
##	753	Mooring	2023-09-05	06:10:27	2023	9.279200	0.936600	33.40480
##	754	Mooring	2023-09-05	06:20:26	2023	9.284200	0.955200	33.40090
##	755	Mooring	2023-09-05	06:30:27	2023	9.294800	0.980500	33.40100
##	756	Mooring	2023-09-05	06:40:26	2023	9.299100	0.982500	33.39800

## 757	Mooring	2023-09-05	06:50:27	2023	9.296000	0.984800	33.40030
## 758	Mooring	2023-09-05	07:00:26	2023	9.290200	0.978200	33.40140
## 759	Mooring	2023-09-05	07:10:27	2023	9.291300	0.979700	33.39910
## 760	Mooring	2023-09-05	07:20:26	2023	9.299600	0.981400	33.39700
## 761	Mooring	2023-09-05	07:30:27	2023	9.292200	0.960900	33.40180
## 762	Mooring	2023-09-05	07:40:27	2023	9.297900	0.963200	33.39260
## 763	Mooring	2023-09-05	07:50:26	2023	9.318300	0.966500	33.39660
## 764	Mooring	2023-09-05	08:00:27	2023	9.317100	0.958900	33.39840
## 765	Mooring	2023-09-05	08:10:26	2023	9.322600	0.960000	33.40170
## 766	Mooring	2023-09-05	08:20:27	2023	9.298000	0.922900	33.40700
## 767	Mooring	2023-09-05	08:30:26	2023	9.262400	0.873400	33.40940
## 768	Mooring	2023-09-05	08:40:27	2023	9.153400	0.696900	33.42180
## 769	Mooring	2023-09-05	08:50:26	2023	9.090400	0.621900	33.43100
## 770	Mooring	2023-09-05	09:00:27	2023	9.074300	0.599300	33.43380
## 771	Mooring	2023-09-05	09:10:27	2023	9.062000	0.579500	33.43630
## 772	Mooring	2023-09-05	09:20:26	2023	9.051500	0.557400	33.43910
## 773	Mooring	2023-09-05	09:30:27	2023	9.047900	0.544700	33.44040
## 774	Mooring	2023-09-05	09:40:26	2023	9.047500	0.538700	33.44010
## 775	Mooring	2023-09-05	09:50:27	2023	9.038400	0.528300	33.44170
## 776	Mooring	2023-09-05	10:00:26	2023	9.016700	0.510800	33.44380
## 777	Mooring	2023-09-05	10:10:27	2023	8.988800	0.494900	33.44710
## 778	Mooring	2023-09-05	10:20:26	2023	8.977500	0.466300	33.44960
## 779	Mooring	2023-09-05	10:30:27	2023	8.969600	0.447100	33.45050
## 780	Mooring	2023-09-05	10:40:27	2023	8.950700	0.424700	33.45130
## 781	Mooring	2023-09-05	10:50:26	2023	8.915000	0.399700	33.45360
## 782	Mooring	2023-09-05	11:00:27	2023	8.878700	0.368200	33.46340
## 783	Mooring	2023-09-05	11:10:26	2023	8.841000	0.326100	33.47160
## 784	Mooring	2023-09-05	11:20:27	2023	8.828600	0.302700	33.46630
## 785	Mooring	2023-09-05	11:30:26	2023	8.813600	0.277800	33.47490
## 786	Mooring	2023-09-05	11:40:27	2023	8.799600	0.265100	33.47870
## 787	Mooring	2023-09-05	11:50:26	2023	8.792200	0.243100	33.47930
## 788	Mooring	2023-09-05	12:00:27	2023	8.764800	0.216700	33.48520
## 789	Mooring	2023-09-05	12:10:27	2023	8.758900	0.203900	33.48520
## 790	Mooring	2023-09-05	12:20:26	2023	8.740800	0.185300	33.49100
## 791	Mooring	2023-09-05	12:30:27	2023	8.742400	0.181900	33.48850
## 792	Mooring	2023-09-05	12:40:26	2023	8.736000	0.175500	33.49140
## 793	Mooring	2023-09-05	12:50:27	2023	8.730700	0.168300	33.49270
## 794	Mooring	2023-09-05	13:00:26	2023	8.731500	0.165300	33.49300
## 795	Mooring	2023-09-05	13:10:27	2023	8.752400	0.175500	33.48090
## 796	Mooring	2023-09-05	13:20:26	2023	8.755400	0.179600	33.48480
## 797	Mooring	2023-09-05	13:30:27	2023	8.761100	0.181900	33.48380
## 798	Mooring	2023-09-05	13:40:27	2023	8.761800	0.173900	33.48400
## 799	Mooring	2023-09-05	13:50:26	2023	8.762800	0.176200	33.48310
## 800	Mooring	2023-09-05	14:00:27	2023	8.773900	0.184100	33.48210
## 801	Mooring	2023-09-05	14:10:26	2023	8.776700	0.174900	33.48050
## 802	Mooring	2023-09-05	14:20:27	2023	8.777800	0.174600	33.48200
## 803	Mooring	2023-09-05	14:30:26	2023	8.778800	0.187500	33.48130
## 804	Mooring	2023-09-05	14:40:27	2023	8.780900	0.185900	33.48090
## 805	Mooring	2023-09-05	14:50:26	2023	8.779400	0.177200	33.48110
## 806	Mooring	2023-09-05	15:00:27	2023	8.781900	0.177200	33.48230
## 807	Mooring	2023-09-05	15:10:27	2023	8.784600	0.173000	33.48210
## 808	Mooring	2023-09-05	15:20:26	2023	8.801100	0.181700	33.47890
## 809	Mooring	2023-09-05	15:30:27	2023	8.812400	0.178300	NA
## 810	Mooring	2023-09-05	15:40:26	2023	8.818100	0.180500	NA

## 811	Mooring	2023-09-05	15:50:27	2023	8.812300	0.164900	33.47580
## 812	Mooring	2023-09-05	16:00:26	2023	8.826500	0.200300	33.47580
## 813	Mooring	2023-09-05	16:10:27	2023	8.833700	0.210700	33.47510
## 814	Mooring	2023-09-05	16:20:26	2023	8.825400	0.194400	33.47470
## 815	Mooring	2023-09-05	16:30:27	2023	8.831200	0.205100	33.47390
## 816	Mooring	2023-09-05	16:40:27	2023	8.825700	0.194000	33.47740
## 817	Mooring	2023-09-05	16:50:26	2023	8.831400	0.205500	33.47300
## 818	Mooring	2023-09-05	17:00:27	2023	8.829400	0.196700	33.47470
## 819	Mooring	2023-09-05	17:10:26	2023	8.830300	0.198600	33.47490
## 820	Mooring	2023-09-05	17:20:27	2023	8.833500	0.199000	33.47590
## 821	Mooring	2023-09-05	17:30:26	2023	8.834400	0.198600	33.47540
## 822	Mooring	2023-09-05	17:40:27	2023	8.849000	0.221300	33.47410
## 823	Mooring	2023-09-05	17:50:26	2023	8.829300	0.184500	33.47680
## 824	Mooring	2023-09-05	18:00:27	2023	8.820000	0.175900	33.47800
## 825	Mooring	2023-09-05	18:10:27	2023	8.816100	0.172100	33.47900
## 826	Mooring	2023-09-05	18:20:26	2023	8.813100	0.171800	33.47900
## 827	Mooring	2023-09-05	18:30:27	2023	8.813000	0.163800	33.47880
## 828	Mooring	2023-09-05	18:40:26	2023	8.813500	0.160800	33.48040
## 829	Mooring	2023-09-05	18:50:27	2023	8.817300	0.169900	33.47720
## 830	Mooring	2023-09-05	19:00:26	2023	8.815700	0.167200	33.47810
## 831	Mooring	2023-09-05	19:10:27	2023	8.823800	0.177500	33.47680
## 832	Mooring	2023-09-05	19:20:26	2023	8.822800	0.178600	33.47790
## 833	Mooring	2023-09-05	19:30:27	2023	8.822500	0.182000	33.47660
## 834	Mooring	2023-09-05	19:40:27	2023	8.820300	0.184300	33.47500
## 835	Mooring	2023-09-05	19:50:26	2023	8.817700	0.199100	33.47490
## 836	Mooring	2023-09-05	20:00:27	2023	8.802800	0.169100	33.47600
## 837	Mooring	2023-09-05	20:10:26	2023	8.680100	0.071200	33.50020
## 838	Mooring	2023-09-05	20:20:27	2023	8.649900	0.059400	33.50540
## 839	Mooring	2023-09-05	20:30:26	2023	8.637900	0.057600	33.50640
## 840	Mooring	2023-09-05	20:40:27	2023	8.621000	0.077100	33.50750
## 841	Mooring	2023-09-05	20:50:26	2023	8.618700	0.072800	33.50830
## 842	Mooring	2023-09-05	21:00:27	2023	8.614500	0.068600	33.50900
## 843	Mooring	2023-09-05	21:10:27	2023	8.585400	0.112700	33.50690
## 844	Mooring	2023-09-05	21:20:26	2023	8.596400	0.077700	33.51020
## 845	Mooring	2023-09-05	21:30:27	2023	8.563500	0.134500	33.51140
## 846	Mooring	2023-09-05	21:40:26	2023	8.546300	0.152700	33.51690
## 847	Mooring	2023-09-05	21:50:27	2023	8.535500	0.165000	33.51450
## 848	Mooring	2023-09-05	22:00:26	2023	8.526000	0.165000	33.51930
## 849	Mooring	2023-09-05	22:10:27	2023	8.525000	0.148500	33.51580
## 850	Mooring	2023-09-05	22:20:26	2023	8.505900	0.140200	33.52120
## 851	Mooring	2023-09-05	22:30:27	2023	8.493200	0.129500	33.52310
## 852	Mooring	2023-09-05	22:40:27	2023	8.482600	0.124200	33.52530
## 853	Mooring	2023-09-05	22:50:26	2023	8.483800	0.121600	33.52500
## 854	Mooring	2023-09-05	23:00:27	2023	8.479600	0.117800	33.52620
## 855	Mooring	2023-09-05	23:10:26	2023	8.475600	0.115900	33.52580
## 856	Mooring	2023-09-05	23:20:27	2023	8.468800	0.113600	33.52880
## 857	Mooring	2023-09-05	23:30:26	2023	8.460700	0.113600	33.52950
## 858	Mooring	2023-09-05	23:40:27	2023	8.452800	0.112500	33.53080
## 859	Mooring	2023-09-05	23:50:26	2023	8.451000	0.107100	33.53250
## 860	Mooring	2023-09-06	00:00:27	2023	8.446300	0.105600	33.53290
## 861	Mooring	2023-09-06	00:10:27	2023	8.459300	0.093700	33.53160
## 862	Mooring	2023-09-06	00:20:26	2023	8.453900	0.096100	33.53270
## 863	Mooring	2023-09-06	00:30:27	2023	8.459000	0.091100	33.53240
## 864	Mooring	2023-09-06	00:40:26	2023	8.462400	0.084200	33.53230

##	865	Mooring	2023-09-06	00:50:27	2023	8.465900	0.082300	33.53200
##	866	Mooring	2023-09-06	01:00:26	2023	8.460200	0.103000	33.53150
##	867	Mooring	2023-09-06	01:10:27	2023	8.447600	0.162000	33.53260
##	868	Mooring	2023-09-06	01:20:26	2023	8.443400	0.168000	33.53230
##	869	Mooring	2023-09-06	01:30:27	2023	8.441800	0.169900	33.53290
##	870	Mooring	2023-09-06	01:40:27	2023	8.430900	0.192900	33.53380
##	871	Mooring	2023-09-06	01:50:26	2023	8.417000	0.210600	33.53560
##	872	Mooring	2023-09-06	02:00:27	2023	8.408000	0.238600	33.53730
##	873	Mooring	2023-09-06	02:10:26	2023	8.393800	0.257400	33.54030
##	874	Mooring	2023-09-06	02:20:27	2023	8.377400	0.333500	33.54230
##	875	Mooring	2023-09-06	02:30:26	2023	8.369700	0.301400	33.54370
##	876	Mooring	2023-09-06	02:40:27	2023	8.365900	0.339600	33.54290
##	877	Mooring	2023-09-06	02:50:26	2023	8.368800	0.334400	33.54290
##	878	Mooring	2023-09-06	03:00:27	2023	8.364500	0.336400	33.54310
##	879	Mooring	2023-09-06	03:10:27	2023	8.358700	0.355600	33.54460
##	880	Mooring	2023-09-06	03:20:26	2023	8.362800	0.341700	33.54370
##	881	Mooring	2023-09-06	03:30:27	2023	8.373700	0.319400	33.54250
##	882	Mooring	2023-09-06	03:40:26	2023	8.369800	0.309100	33.54240
##	883	Mooring	2023-09-06	03:50:27	2023	8.364900	0.314900	33.54340
##	884	Mooring	2023-09-06	04:00:26	2023	8.363800	0.316800	33.54330
##	885	Mooring	2023-09-06	04:10:27	2023	8.367100	0.304500	33.54270
##	886	Mooring	2023-09-06	04:20:26	2023	8.374900	0.260700	33.53880
##	887	Mooring	2023-09-06	04:30:27	2023	8.375700	0.258100	33.54100
##	888	Mooring	2023-09-06	04:40:27	2023	8.388000	0.230000	33.53660
##	889	Mooring	2023-09-06	04:50:26	2023	8.399900	0.210100	33.53040
##	890	Mooring	2023-09-06	05:00:27	2023	8.416700	0.188600	33.52890
##	891	Mooring	2023-09-06	05:10:26	2023	8.424200	0.187100	33.52450
##	892	Mooring	2023-09-06	05:20:27	2023	8.427500	0.209000	33.51990
##	893	Mooring	2023-09-06	05:30:26	2023	8.430600	0.238400	33.52130
##	894	Mooring	2023-09-06	05:40:27	2023	8.435200	0.246700	33.52040
##	895	Mooring	2023-09-06	05:50:26	2023	8.444800	0.257400	33.51710
##	896	Mooring	2023-09-06	06:00:27	2023	8.445300	0.256200	33.51690
##	897	Mooring	2023-09-06	06:10:27	2023	8.464000	0.271800	33.51390
##	898	Mooring	2023-09-06	06:20:26	2023	8.464800	0.271000	33.51500
##	899	Mooring	2023-09-06	06:30:27	2023	8.472700	0.275500	33.51200
##	900	Mooring	2023-09-06	06:40:26	2023	8.452500	0.249200	33.51690
##	901	Mooring	2023-09-06	06:50:27	2023	8.455200	0.254200	33.51620
##	902	Mooring	2023-09-06	07:00:26	2023	8.456300	0.258000	33.51660
##	903	Mooring	2023-09-06	07:10:27	2023	8.455400	0.249600	33.51690
##	904	Mooring	2023-09-06	07:20:26	2023	8.456700	0.251200	33.51750
##	905	Mooring	2023-09-06	07:30:27	2023	8.449700	0.256600	33.51710
##	906	Mooring	2023-09-06	07:40:27	2023	8.449800	0.244300	33.51830
##	907	Mooring	2023-09-06	07:50:26	2023	8.451200	0.247800	33.51810
##	908	Mooring	2023-09-06	08:00:27	2023	8.454500	0.244700	33.51860
##	909	Mooring	2023-09-06	08:10:26	2023	8.457100	0.250400	33.51650
##	910	Mooring	2023-09-06	08:20:27	2023	8.458700	0.245800	33.51600
##	911	Mooring	2023-09-06	08:30:26	2023	8.463000	0.243900	33.51500
##	912	Mooring	2023-09-06	08:40:27	2023	8.466000	0.247300	33.51380
##	913	Mooring	2023-09-06	08:50:26	2023	8.463300	0.239600	33.51400
##	914	Mooring	2023-09-06	09:00:27	2023	8.461700	0.244700	33.51350
##	915	Mooring	2023-09-06	09:10:27	2023	8.460900	0.242700	33.51300
##	916	Mooring	2023-09-06	09:20:26	2023	8.458800	0.240800	33.51570
##	917	Mooring	2023-09-06	09:30:27	2023	8.454300	0.237800	33.51050
##	918	Mooring	2023-09-06	09:40:26	2023	8.445400	0.249800	33.51380

## 919	Mooring	2023-09-06	09:50:27	2023	8.436700	0.282800	33.51540
## 920	Mooring	2023-09-06	10:00:26	2023	8.425500	0.306100	33.51880
## 921	Mooring	2023-09-06	10:10:27	2023	8.416400	0.314200	33.52000
## 922	Mooring	2023-09-06	10:20:26	2023	8.411900	0.308100	33.52040
## 923	Mooring	2023-09-06	10:30:27	2023	8.407200	0.319600	33.52090
## 924	Mooring	2023-09-06	10:40:27	2023	8.403900	0.322300	33.52090
## 925	Mooring	2023-09-06	10:50:26	2023	8.401300	0.325400	33.52080
## 926	Mooring	2023-09-06	11:00:27	2023	8.397900	0.330800	33.52080
## 927	Mooring	2023-09-06	11:10:26	2023	8.395400	0.341200	33.52040
## 928	Mooring	2023-09-06	11:20:27	2023	8.392800	0.348800	33.52020
## 929	Mooring	2023-09-06	11:30:26	2023	8.394600	0.335700	33.51770
## 930	Mooring	2023-09-06	11:40:27	2023	8.392400	0.349200	33.51800
## 931	Mooring	2023-09-06	11:50:26	2023	8.390500	0.374200	33.51700
## 932	Mooring	2023-09-06	12:00:27	2023	8.383600	0.441000	33.51630
## 933	Mooring	2023-09-06	12:10:27	2023	8.362700	0.629000	33.51650
## 934	Mooring	2023-09-06	12:20:26	2023	8.357800	0.599600	33.51890
## 935	Mooring	2023-09-06	12:30:27	2023	8.339400	0.686500	33.52160
## 936	Mooring	2023-09-06	12:40:26	2023	8.325000	0.724500	33.52610
## 937	Mooring	2023-09-06	12:50:27	2023	8.323600	0.721300	33.52720
## 938	Mooring	2023-09-06	13:00:26	2023	8.329300	0.732700	33.52580
## 939	Mooring	2023-09-06	13:10:27	2023	8.317400	0.768300	33.52820
## 940	Mooring	2023-09-06	13:20:26	2023	8.317600	0.771600	33.52680
## 941	Mooring	2023-09-06	13:30:27	2023	8.298200	0.948700	33.53020
## 942	Mooring	2023-09-06	13:40:27	2023	8.294400	1.020900	33.53090
## 943	Mooring	2023-09-06	13:50:26	2023	8.282800	1.110700	33.53150
## 944	Mooring	2023-09-06	14:00:27	2023	8.276900	1.080400	33.53370
## 945	Mooring	2023-09-06	14:10:26	2023	8.274300	1.077900	33.53460
## 946	Mooring	2023-09-06	14:20:27	2023	8.271600	1.108100	33.53500
## 947	Mooring	2023-09-06	14:30:26	2023	8.267000	1.165900	33.53150
## 948	Mooring	2023-09-06	14:40:27	2023	8.269700	1.112400	33.52850
## 949	Mooring	2023-09-06	14:50:26	2023	8.265100	1.151600	33.53620
## 950	Mooring	2023-09-06	15:00:27	2023	8.268600	1.107800	33.53560
## 951	Mooring	2023-09-06	15:10:27	2023	8.286500	0.916500	33.53210
## 952	Mooring	2023-09-06	15:20:26	2023	8.295500	0.874700	33.52530
## 953	Mooring	2023-09-06	15:30:27	2023	8.293900	0.940700	33.52930
## 954	Mooring	2023-09-06	15:40:26	2023	8.294700	0.949700	33.52720
## 955	Mooring	2023-09-06	15:50:27	2023	8.296000	0.939600	33.52960
## 956	Mooring	2023-09-06	16:00:26	2023	8.301900	0.878300	33.52810
## 957	Mooring	2023-09-06	16:10:27	2023	8.316700	0.822000	33.52210
## 958	Mooring	2023-09-06	16:20:26	2023	8.325900	0.838600	33.52280
## 959	Mooring	2023-09-06	16:30:27	2023	8.331200	0.873800	33.52170
## 960	Mooring	2023-09-06	16:40:27	2023	8.333300	0.882100	33.52080
## 961	Mooring	2023-09-06	16:50:26	2023	8.344400	0.826400	33.52050
## 962	Mooring	2023-09-06	17:00:27	2023	8.349000	0.788500	33.51930
## 963	Mooring	2023-09-06	17:10:26	2023	8.357100	0.738500	33.51770
## 964	Mooring	2023-09-06	17:20:27	2023	8.361100	0.719400	33.51760
## 965	Mooring	2023-09-06	17:30:26	2023	8.367400	0.689400	33.51740
## 966	Mooring	2023-09-06	17:40:27	2023	8.373400	0.681700	33.51530
## 967	Mooring	2023-09-06	17:50:26	2023	8.375500	0.678600	33.51510
## 968	Mooring	2023-09-06	18:00:27	2023	8.379300	0.662800	33.51480
## 969	Mooring	2023-09-06	18:10:27	2023	8.384100	0.643200	33.51370
## 970	Mooring	2023-09-06	18:20:26	2023	8.382000	0.636000	33.51380
## 971	Mooring	2023-09-06	18:30:27	2023	8.386900	0.620600	33.51280
## 972	Mooring	2023-09-06	18:40:26	2023	8.391000	0.610600	33.51410

##	973	Mooring	2023-09-06	18:50:27	2023	8.389400	0.616400	33.51320
##	974	Mooring	2023-09-06	19:00:26	2023	8.392300	0.612500	33.51290
##	975	Mooring	2023-09-06	19:10:27	2023	8.391900	0.607100	33.51310
##	976	Mooring	2023-09-06	19:20:26	2023	8.393600	0.587200	33.51270
##	977	Mooring	2023-09-06	19:30:27	2023	8.394600	0.579900	33.51350
##	978	Mooring	2023-09-06	19:40:27	2023	8.396100	0.574900	33.51290
##	979	Mooring	2023-09-06	19:50:26	2023	8.396600	0.567600	33.51320
##	980	Mooring	2023-09-06	20:00:27	2023	8.394800	0.571200	33.51300
##	981	Mooring	2023-09-06	20:10:26	2023	8.394100	0.591100	33.51290
##	982	Mooring	2023-09-06	20:20:27	2023	8.396000	0.605200	33.51290
##	983	Mooring	2023-09-06	20:30:26	2023	8.393500	0.603700	33.51250
##	984	Mooring	2023-09-06	20:40:27	2023	8.391400	0.591100	33.51270
##	985	Mooring	2023-09-06	20:50:26	2023	8.384400	0.631900	33.51310
##	986	Mooring	2023-09-06	21:00:27	2023	8.383500	0.661000	33.51260
##	987	Mooring	2023-09-06	21:10:27	2023	8.377700	0.730900	33.51220
##	988	Mooring	2023-09-06	21:20:26	2023	8.372000	0.751900	33.51220
##	989	Mooring	2023-09-06	21:30:27	2023	8.363400	0.777000	33.51290
##	990	Mooring	2023-09-06	21:40:26	2023	8.354700	0.825600	33.50700
##	991	Mooring	2023-09-06	21:50:27	2023	8.343100	0.979100	33.51300
##	992	Mooring	2023-09-06	22:00:26	2023	8.337100	1.034400	33.51470
##	993	Mooring	2023-09-06	22:10:27	2023	8.333200	1.028900	33.51550
##	994	Mooring	2023-09-06	22:20:26	2023	8.326200	1.059500	33.51680
##	995	Mooring	2023-09-06	22:30:27	2023	8.317000	1.110900	33.51810
##	996	Mooring	2023-09-06	22:40:27	2023	8.291900	1.229900	33.52380
##	997	Mooring	2023-09-06	22:50:26	2023	8.286800	1.233500	33.52470
##	998	Mooring	2023-09-06	23:00:27	2023	8.267500	1.295000	33.52750
##	999	Mooring	2023-09-06	23:10:26	2023	8.251400	1.319900	33.53270
##	1000	Mooring	2023-09-06	23:20:27	2023	8.228200	1.420800	33.53880
##	1001	Mooring	2023-09-06	23:30:26	2023	8.228100	1.361000	33.53940
##	1002	Mooring	2023-09-06	23:40:27	2023	8.223400	1.354800	33.54040
##	1003	Mooring	2023-09-06	23:50:26	2023	8.220700	1.343700	33.54120
##	1004	Mooring	2023-09-07	00:00:27	2023	8.215200	1.372100	33.54230
##	1005	Mooring	2023-09-07	00:10:27	2023	8.210100	1.364100	33.54420
##	1006	Mooring	2023-09-07	00:20:26	2023	8.209900	1.344100	33.54230
##	1007	Mooring	2023-09-07	00:30:27	2023	8.211700	1.275800	33.54230
##	1008	Mooring	2023-09-07	00:40:26	2023	8.212700	1.274500	33.54310
##	1009	Mooring	2023-09-07	00:50:27	2023	8.212500	1.273300	33.54420
##	1010	Mooring	2023-09-07	01:00:26	2023	8.214500	1.259700	33.54140
##	1011	Mooring	2023-09-07	01:10:27	2023	8.213400	1.268000	33.54190
##	1012	Mooring	2023-09-07	01:20:26	2023	8.213900	1.266700	33.54340
##	1013	Mooring	2023-09-07	01:30:27	2023	8.210800	1.258300	33.54390
##	1014	Mooring	2023-09-07	01:40:27	2023	8.209900	1.255600	33.54450
##	1015	Mooring	2023-09-07	01:50:26	2023	8.207600	1.250700	33.54600
##	1016	Mooring	2023-09-07	02:00:27	2023	8.206200	1.254600	33.54720
##	1017	Mooring	2023-09-07	02:10:26	2023	8.205500	1.251500	33.54670
##	1018	Mooring	2023-09-07	02:20:27	2023	8.203000	1.248500	33.54790
##	1019	Mooring	2023-09-07	02:30:26	2023	8.202400	1.235800	33.54810
##	1020	Mooring	2023-09-07	02:40:27	2023	8.202400	1.225000	33.54840
##	1021	Mooring	2023-09-07	02:50:26	2023	8.200500	1.211300	33.54930
##	1022	Mooring	2023-09-07	03:00:27	2023	8.199700	1.201700	33.54960
##	1023	Mooring	2023-09-07	03:10:27	2023	8.200500	1.198200	33.54930
##	1024	Mooring	2023-09-07	03:20:26	2023	8.200700	1.222500	33.54910
##	1025	Mooring	2023-09-07	03:30:27	2023	8.201100	1.231200	33.54880
##	1026	Mooring	2023-09-07	03:40:26	2023	8.201200	1.233100	33.54880

##	1027	Mooring	2023-09-07	03:50:27	2023	8.201300	1.218100	33.54850
##	1028	Mooring	2023-09-07	04:00:26	2023	8.194800	1.238400	33.55010
##	1029	Mooring	2023-09-07	04:10:27	2023	8.193800	1.261800	33.55070
##	1030	Mooring	2023-09-07	04:20:26	2023	8.193600	1.246700	33.55110
##	1031	Mooring	2023-09-07	04:30:27	2023	8.192900	1.261400	33.55100
##	1032	Mooring	2023-09-07	04:40:27	2023	8.192900	1.279900	33.55090
##	1033	Mooring	2023-09-07	04:50:26	2023	8.193500	1.288700	33.55070
##	1034	Mooring	2023-09-07	05:00:27	2023	8.194000	1.344200	33.54920
##	1035	Mooring	2023-09-07	05:10:26	2023	8.198700	1.311400	33.54810
##	1036	Mooring	2023-09-07	05:20:27	2023	8.199300	1.399500	33.54620
##	1037	Mooring	2023-09-07	05:30:26	2023	8.199200	1.421500	33.54580
##	1038	Mooring	2023-09-07	05:40:27	2023	8.197200	1.495600	33.54560
##	1039	Mooring	2023-09-07	05:50:26	2023	8.194600	1.546700	33.54530
##	1040	Mooring	2023-09-07	06:00:27	2023	8.195200	1.520300	33.54210
##	1041	Mooring	2023-09-07	06:10:27	2023	8.197600	1.516800	33.54440
##	1042	Mooring	2023-09-07	06:20:26	2023	8.198700	1.507500	33.54430
##	1043	Mooring	2023-09-07	06:30:27	2023	8.198700	1.493600	33.54450
##	1044	Mooring	2023-09-07	06:40:26	2023	8.202300	1.477300	33.54390
##	1045	Mooring	2023-09-07	06:50:27	2023	8.201900	1.462800	33.54390
##	1046	Mooring	2023-09-07	07:00:26	2023	8.203400	1.458500	33.54390
##	1047	Mooring	2023-09-07	07:10:27	2023	8.204500	1.465400	33.54390
##	1048	Mooring	2023-09-07	07:20:26	2023	8.202100	1.479000	33.54410
##	1049	Mooring	2023-09-07	07:30:27	2023	8.201600	1.487800	33.54400
##	1050	Mooring	2023-09-07	07:40:27	2023	8.197900	1.497200	33.54480
##	1051	Mooring	2023-09-07	07:50:26	2023	8.196500	1.513800	33.54490
##	1052	Mooring	2023-09-07	08:00:27	2023	8.195400	1.523000	33.54230
##	1053	Mooring	2023-09-07	08:10:26	2023	8.194000	1.521900	33.54550
##	1054	Mooring	2023-09-07	08:20:27	2023	8.193100	1.502200	33.54660
##	1055	Mooring	2023-09-07	08:30:26	2023	8.191100	1.505800	33.54660
##	1056	Mooring	2023-09-07	08:40:27	2023	8.189500	1.500500	33.54740
##	1057	Mooring	2023-09-07	08:50:26	2023	8.188200	1.513700	33.54780
##	1058	Mooring	2023-09-07	09:00:27	2023	8.190500	1.505800	33.54710
##	1059	Mooring	2023-09-07	09:10:27	2023	8.188300	1.506700	33.54800
##	1060	Mooring	2023-09-07	09:20:26	2023	8.186600	1.509100	33.54860
##	1061	Mooring	2023-09-07	09:30:27	2023	8.185400	1.508700	33.54950
##	1062	Mooring	2023-09-07	09:40:26	2023	8.186200	1.502100	33.54910
##	1063	Mooring	2023-09-07	09:50:27	2023	8.185100	1.519200	33.54920
##	1064	Mooring	2023-09-07	10:00:26	2023	8.185400	1.523400	33.54940
##	1065	Mooring	2023-09-07	10:10:27	2023	8.186400	1.537600	33.54820
##	1066	Mooring	2023-09-07	10:20:26	2023	8.186700	1.545300	33.54830
##	1067	Mooring	2023-09-07	10:30:27	2023	8.187300	1.518600	33.54810
##	1068	Mooring	2023-09-07	10:40:27	2023	8.188200	1.484400	33.54850
##	1069	Mooring	2023-09-07	10:50:26	2023	8.190200	1.478200	33.54800
##	1070	Mooring	2023-09-07	11:00:27	2023	8.192100	1.474300	33.54760
##	1071	Mooring	2023-09-07	11:10:26	2023	8.192900	1.381700	33.54850
##	1072	Mooring	2023-09-07	11:20:27	2023	8.193300	1.371300	33.54880
##	1073	Mooring	2023-09-07	11:30:26	2023	8.193800	1.364700	33.54880
##	1074	Mooring	2023-09-07	11:40:27	2023	8.193400	1.335100	33.54940
##	1075	Mooring	2023-09-07	11:50:26	2023	8.193500	1.288100	33.54970
##	1076	Mooring	2023-09-07	12:00:27	2023	8.192400	1.260500	33.55040
##	1077	Mooring	2023-09-07	12:10:27	2023	8.194200	1.218100	33.55040
##	1078	Mooring	2023-09-07	12:20:26	2023	8.197100	1.163000	33.55020
##	1079	Mooring	2023-09-07	12:30:27	2023	8.198800	1.119200	33.55030
##	1080	Mooring	2023-09-07	12:40:26	2023	8.199000	1.097400	33.55060

## 1081 Mooring	2023-09-07 12:50:27	2023	8.198500	1.071600	33.55070
## 1082 Mooring	2023-09-07 13:00:26	2023	8.197500	1.082900	33.55100
## 1083 Mooring	2023-09-07 13:10:27	2023	8.191400	1.159500	33.55250
## 1084 Mooring	2023-09-07 13:20:26	2023	8.186800	1.186700	33.55320
## 1085 Mooring	2023-09-07 13:30:27	2023	8.187100	1.183200	33.55340
## 1086 Mooring	2023-09-07 13:40:27	2023	8.188900	1.166100	33.55150
## 1087 Mooring	2023-09-07 13:50:26	2023	8.185700	1.214900	33.55100
## 1088 Mooring	2023-09-07 14:00:27	2023	8.184400	1.236400	33.55020
## 1089 Mooring	2023-09-07 14:10:26	2023	8.185000	1.226600	33.55130
## 1090 Mooring	2023-09-07 14:20:27	2023	8.184800	1.235900	33.55310
## 1091 Mooring	2023-09-07 14:30:26	2023	8.184300	1.249000	33.55320
## 1092 Mooring	2023-09-07 14:40:27	2023	8.184400	1.252800	33.55370
## 1093 Mooring	2023-09-07 14:50:26	2023	8.186200	1.225400	33.55270
## 1094 Mooring	2023-09-07 15:00:27	2023	8.184400	1.234400	33.55330
## 1095 Mooring	2023-09-07 15:10:27	2023	8.183000	1.239400	33.55380
## 1096 Mooring	2023-09-07 15:20:26	2023	8.182800	1.239400	33.55380
## 1097 Mooring	2023-09-07 15:30:27	2023	8.182000	1.231700	33.55420
## 1098 Mooring	2023-09-07 15:40:26	2023	8.181500	1.210900	33.55490
## 1099 Mooring	2023-09-07 15:50:27	2023	8.180600	1.212900	33.55410
## 1100 Mooring	2023-09-07 16:00:26	2023	8.180300	1.206400	33.55550
## 1101 Mooring	2023-09-07 16:10:27	2023	8.179400	1.203300	33.55600
## 1102 Mooring	2023-09-07 16:20:26	2023	8.178500	1.192600	33.55640
## 1103 Mooring	2023-09-07 16:30:27	2023	8.178300	1.180600	33.55660
## 1104 Mooring	2023-09-07 16:40:27	2023	8.177400	1.169100	33.55700
## 1105 Mooring	2023-09-07 16:50:26	2023	8.176500	1.155600	33.55770
## 1106 Mooring	2023-09-07 17:00:27	2023	8.176600	1.157600	33.55770
## 1107 Mooring	2023-09-07 17:10:26	2023	8.176300	1.146000	33.55790
## 1108 Mooring	2023-09-07 17:20:27	2023	8.175300	1.145700	33.55810
## 1109 Mooring	2023-09-07 17:30:26	2023	8.175700	1.134900	33.55810
## 1110 Mooring	2023-09-07 17:40:27	2023	8.175300	1.121000	33.55850
## 1111 Mooring	2023-09-07 17:50:26	2023	8.174500	1.108000	33.55900
## 1112 Mooring	2023-09-07 18:00:27	2023	8.174700	1.117600	33.55890
## 1113 Mooring	2023-09-07 18:10:27	2023	8.174400	1.123000	33.55930
## 1114 Mooring	2023-09-07 18:20:26	2023	8.174300	1.121800	33.55920
## 1115 Mooring	2023-09-07 18:30:27	2023	8.173900	1.129200	33.55890
## 1116 Mooring	2023-09-07 18:40:26	2023	8.173800	1.115300	33.55930
## 1117 Mooring	2023-09-07 18:50:27	2023	8.173500	1.118800	33.55940
## 1118 Mooring	2023-09-07 19:00:26	2023	8.173200	1.120700	33.55970
## 1119 Mooring	2023-09-07 19:10:27	2023	8.173100	1.115300	33.55970
## 1120 Mooring	2023-09-07 19:20:26	2023	8.172300	1.129700	33.56010
## 1121 Mooring	2023-09-07 19:30:27	2023	8.171600	1.133100	33.56030
## 1122 Mooring	2023-09-07 19:40:27	2023	8.172000	1.140400	33.55980
## 1123 Mooring	2023-09-07 19:50:26	2023	8.170800	1.151600	33.56070
## 1124 Mooring	2023-09-07 20:00:27	2023	8.170600	1.154700	33.56030
## 1125 Mooring	2023-09-07 20:10:26	2023	8.170300	1.161600	33.56060
## 1126 Mooring	2023-09-07 20:20:27	2023	8.169500	1.164300	33.56080
## 1127 Mooring	2023-09-07 20:30:26	2023	8.168600	1.168200	33.56130
## 1128 Mooring	2023-09-07 20:40:27	2023	8.169100	1.151500	33.56120
## 1129 Mooring	2023-09-07 20:50:26	2023	8.169100	1.144700	33.56100
## 1130 Mooring	2023-09-07 21:00:27	2023	8.168900	1.142000	33.56140
## 1131 Mooring	2023-09-07 21:10:27	2023	8.168600	1.130800	33.56180
## 1132 Mooring	2023-09-07 21:20:26	2023	8.168700	1.122000	33.56150
## 1133 Mooring	2023-09-07 21:30:27	2023	8.165600	1.099300	33.56360
## 1134 Mooring	2023-09-07 21:40:26	2023	8.158000	1.022700	33.56790

##	1135	Mooring	2023-09-07	21:50:27	2023	8.155300	1.009900	33.56920
##	1136	Mooring	2023-09-07	22:00:26	2023	8.150800	0.983000	33.57170
##	1137	Mooring	2023-09-07	22:10:27	2023	8.138500	0.886400	33.57750
##	1138	Mooring	2023-09-07	22:20:26	2023	8.140100	0.900600	33.57680
##	1139	Mooring	2023-09-07	22:30:27	2023	8.138200	0.881700	33.57800
##	1140	Mooring	2023-09-07	22:40:27	2023	8.138600	0.885300	33.57790
##	1141	Mooring	2023-09-07	22:50:26	2023	8.133600	0.847800	33.57990
##	1142	Mooring	2023-09-07	23:00:27	2023	8.128300	0.855000	33.58220
##	1143	Mooring	2023-09-07	23:10:26	2023	8.124700	0.857400	33.58440
##	1144	Mooring	2023-09-07	23:20:27	2023	8.124800	0.848100	33.58470
##	1145	Mooring	2023-09-07	23:30:26	2023	8.125700	0.830000	33.58470
##	1146	Mooring	2023-09-07	23:40:27	2023	8.118200	0.836400	33.58780
##	1147	Mooring	2023-09-07	23:50:26	2023	8.113600	0.824800	33.58930
##	1148	Mooring	2023-09-08	00:00:27	2023	8.109200	0.809100	33.59240
##	1149	Mooring	2023-09-08	00:10:27	2023	8.104600	0.816600	33.59460
##	1150	Mooring	2023-09-08	00:20:26	2023	8.101800	0.817400	33.59570
##	1151	Mooring	2023-09-08	00:30:27	2023	8.099900	0.819400	33.59520
##	1152	Mooring	2023-09-08	00:40:26	2023	8.099600	0.805100	33.59600
##	1153	Mooring	2023-09-08	00:50:27	2023	8.100100	0.797400	33.59610
##	1154	Mooring	2023-09-08	01:00:26	2023	8.097800	0.798600	33.59710
##	1155	Mooring	2023-09-08	01:10:27	2023	8.091500	0.795200	33.59920
##	1156	Mooring	2023-09-08	01:20:26	2023	8.091300	0.776700	33.59900
##	1157	Mooring	2023-09-08	01:30:27	2023	8.094400	0.771700	33.59800
##	1158	Mooring	2023-09-08	01:40:27	2023	8.090500	0.781800	33.59920
##	1159	Mooring	2023-09-08	01:50:26	2023	8.089300	0.797600	33.59980
##	1160	Mooring	2023-09-08	02:00:27	2023	8.090500	0.782500	33.59950
##	1161	Mooring	2023-09-08	02:10:26	2023	8.090500	0.777900	33.59880
##	1162	Mooring	2023-09-08	02:20:27	2023	8.090200	0.776000	33.59920
##	1163	Mooring	2023-09-08	02:30:26	2023	8.088500	0.790300	33.60030
##	1164	Mooring	2023-09-08	02:40:27	2023	8.087500	0.806500	33.60130
##	1165	Mooring	2023-09-08	02:50:26	2023	8.087100	0.811900	33.60100
##	1166	Mooring	2023-09-08	03:00:27	2023	8.087900	0.806100	33.60080
##	1167	Mooring	2023-09-08	03:10:27	2023	8.086800	0.801800	33.60120
##	1168	Mooring	2023-09-08	03:20:26	2023	8.088300	0.802600	33.60050
##	1169	Mooring	2023-09-08	03:30:27	2023	8.087100	0.792900	33.60110
##	1170	Mooring	2023-09-08	03:40:26	2023	8.085400	0.831000	NA
##	1171	Mooring	2023-09-08	03:50:27	2023	8.089500	0.823700	33.60100
##	1172	Mooring	2023-09-08	04:00:26	2023	8.089200	0.814100	33.60100
##	1173	Mooring	2023-09-08	04:10:27	2023	8.086100	0.850500	33.60280
##	1174	Mooring	2023-09-08	04:20:26	2023	8.086000	0.855000	33.60330
##	1175	Mooring	2023-09-08	04:30:27	2023	8.086000	0.859600	33.60330
##	1176	Mooring	2023-09-08	04:40:27	2023	8.087600	0.852600	33.60260
##	1177	Mooring	2023-09-08	04:50:26	2023	8.089100	0.856500	33.60230
##	1178	Mooring	2023-09-08	05:00:27	2023	8.087100	0.854200	33.60310
##	1179	Mooring	2023-09-08	05:10:26	2023	8.088800	0.866100	33.60260
##	1180	Mooring	2023-09-08	05:20:27	2023	8.087300	0.879300	33.59810
##	1181	Mooring	2023-09-08	05:30:26	2023	8.087300	0.875700	33.60350
##	1182	Mooring	2023-09-08	05:40:27	2023	8.085500	0.888500	33.60490
##	1183	Mooring	2023-09-08	05:50:26	2023	8.085500	0.890400	33.60520
##	1184	Mooring	2023-09-08	06:00:27	2023	8.085400	0.895000	33.60550
##	1185	Mooring	2023-09-08	06:10:27	2023	8.085100	0.907400	33.60360
##	1186	Mooring	2023-09-08	06:20:26	2023	8.083500	0.939500	33.60500
##	1187	Mooring	2023-09-08	06:30:27	2023	8.082600	0.953300	33.60610
##	1188	Mooring	2023-09-08	06:40:26	2023	8.083500	0.954400	33.60540

##	1189	Mooring	2023-09-08	06:50:27	2023	8.086000	0.960900	33.60500
##	1190	Mooring	2023-09-08	07:00:26	2023	8.082000	0.954700	33.60770
##	1191	Mooring	2023-09-08	07:10:27	2023	8.085600	0.965900	33.60600
##	1192	Mooring	2023-09-08	07:20:26	2023	8.102000	0.979800	33.59650
##	1193	Mooring	2023-09-08	07:30:27	2023	8.101900	0.998300	33.59660
##	1194	Mooring	2023-09-08	07:40:27	2023	8.098900	0.980900	33.59880
##	1195	Mooring	2023-09-08	07:50:26	2023	8.099800	0.984100	33.59800
##	1196	Mooring	2023-09-08	08:00:27	2023	8.102700	0.989000	33.59690
##	1197	Mooring	2023-09-08	08:10:26	2023	8.107100	1.012500	33.58900
##	1198	Mooring	2023-09-08	08:20:27	2023	8.112400	1.037800	33.59150
##	1199	Mooring	2023-09-08	08:30:26	2023	8.111100	1.035800	33.59030
##	1200	Mooring	2023-09-08	08:40:27	2023	8.109500	1.026100	33.59300
##	1201	Mooring	2023-09-08	08:50:26	2023	8.103400	1.003900	33.59680
##	1202	Mooring	2023-09-08	09:00:27	2023	8.102500	1.004000	33.59730
##	1203	Mooring	2023-09-08	09:10:27	2023	8.102900	1.008200	33.59700
##	1204	Mooring	2023-09-08	09:20:26	2023	8.093700	0.986700	33.60240
##	1205	Mooring	2023-09-08	09:30:27	2023	8.087000	0.994700	33.60590
##	1206	Mooring	2023-09-08	09:40:26	2023	8.089800	0.998500	33.60410
##	1207	Mooring	2023-09-08	09:50:27	2023	8.085900	0.995500	33.60570
##	1208	Mooring	2023-09-08	10:00:26	2023	8.080000	0.978600	33.60880
##	1209	Mooring	2023-09-08	10:10:27	2023	8.077100	0.965200	33.61020
##	1210	Mooring	2023-09-08	10:20:26	2023	8.075200	0.956700	33.61140
##	1211	Mooring	2023-09-08	10:30:27	2023	8.070600	0.947600	33.61420
##	1212	Mooring	2023-09-08	10:40:27	2023	8.069800	0.940300	33.61420
##	1213	Mooring	2023-09-08	10:50:26	2023	8.063900	0.937800	33.61700
##	1214	Mooring	2023-09-08	11:00:27	2023	8.059500	0.930100	33.61780
##	1215	Mooring	2023-09-08	11:10:26	2023	8.056500	0.904300	33.61850
##	1216	Mooring	2023-09-08	11:20:27	2023	8.054400	0.882000	33.61920
##	1217	Mooring	2023-09-08	11:30:26	2023	8.053300	0.894500	33.61960
##	1218	Mooring	2023-09-08	11:40:27	2023	8.054100	0.904900	33.61930
##	1219	Mooring	2023-09-08	11:50:26	2023	8.054600	0.904400	33.61920
##	1220	Mooring	2023-09-08	12:00:27	2023	8.054100	0.880100	33.61890
##	1221	Mooring	2023-09-08	12:10:27	2023	8.054400	0.885200	33.61920
##	1222	Mooring	2023-09-08	12:20:26	2023	8.054700	0.880100	33.61910
##	1223	Mooring	2023-09-08	12:30:27	2023	8.055600	0.868900	33.61820
##	1224	Mooring	2023-09-08	12:40:26	2023	8.055000	0.833400	33.61820
##	1225	Mooring	2023-09-08	12:50:27	2023	8.054300	0.809100	33.61830
##	1226	Mooring	2023-09-08	13:00:26	2023	8.052700	0.760500	33.61770
##	1227	Mooring	2023-09-08	13:10:27	2023	8.051600	0.719300	33.61780
##	1228	Mooring	2023-09-08	13:20:26	2023	8.051500	0.720200	33.61770
##	1229	Mooring	2023-09-08	13:30:27	2023	8.050500	0.705500	33.61780
##	1230	Mooring	2023-09-08	13:40:27	2023	8.050600	0.700900	33.61860
##	1231	Mooring	2023-09-08	13:50:26	2023	8.049800	0.687000	33.61860
##	1232	Mooring	2023-09-08	14:00:27	2023	8.048800	0.669300	33.61880
##	1233	Mooring	2023-09-08	14:10:26	2023	8.047000	0.659700	33.61970
##	1234	Mooring	2023-09-08	14:20:27	2023	8.046800	0.655900	33.62010
##	1235	Mooring	2023-09-08	14:30:26	2023	8.046200	0.648200	33.62100
##	1236	Mooring	2023-09-08	14:40:27	2023	8.046400	0.649400	33.62060
##	1237	Mooring	2023-09-08	14:50:26	2023	8.045500	0.629600	33.62130
##	1238	Mooring	2023-09-08	15:00:27	2023	8.045600	0.616200	33.62100
##	1239	Mooring	2023-09-08	15:10:27	2023	8.044900	0.615400	33.62170
##	1240	Mooring	2023-09-08	15:20:26	2023	8.045700	0.629000	33.62130
##	1241	Mooring	2023-09-08	15:30:27	2023	8.037900	0.552700	33.62410
##	1242	Mooring	2023-09-08	15:40:26	2023	8.034700	0.533300	33.62520

##	1243	Mooring	2023-09-08	15:50:27	2023	8.036500	0.542300	33.62480
##	1244	Mooring	2023-09-08	16:00:26	2023	8.034400	0.524500	33.62560
##	1245	Mooring	2023-09-08	16:10:27	2023	8.033200	0.504400	33.62590
##	1246	Mooring	2023-09-08	16:20:26	2023	8.033000	0.509500	33.62630
##	1247	Mooring	2023-09-08	16:30:27	2023	8.032600	0.511000	33.62630
##	1248	Mooring	2023-09-08	16:40:27	2023	8.036100	0.535800	33.62500
##	1249	Mooring	2023-09-08	16:50:26	2023	8.036100	0.541100	33.62520
##	1250	Mooring	2023-09-08	17:00:27	2023	8.035700	0.530300	33.62540
##	1251	Mooring	2023-09-08	17:10:26	2023	8.036000	0.532200	33.62540
##	1252	Mooring	2023-09-08	17:20:27	2023	8.036000	0.539600	33.62550
##	1253	Mooring	2023-09-08	17:30:26	2023	8.036900	0.544200	33.62510
##	1254	Mooring	2023-09-08	17:40:27	2023	8.037600	0.557700	33.62480
##	1255	Mooring	2023-09-08	17:50:26	2023	8.039200	0.561100	33.62450
##	1256	Mooring	2023-09-08	18:00:27	2023	8.040700	0.562600	33.62390
##	1257	Mooring	2023-09-08	18:10:27	2023	8.040500	0.575800	33.62430
##	1258	Mooring	2023-09-08	18:20:26	2023	8.041300	0.596300	33.62410
##	1259	Mooring	2023-09-08	18:30:27	2023	8.044100	0.614000	33.62290
##	1260	Mooring	2023-09-08	18:40:26	2023	8.044200	0.615800	33.62310
##	1261	Mooring	2023-09-08	18:50:27	2023	8.045700	0.648300	33.62250
##	1262	Mooring	2023-09-08	19:00:26	2023	8.048200	0.699200	33.62190
##	1263	Mooring	2023-09-08	19:10:27	2023	8.049700	0.732000	33.62160
##	1264	Mooring	2023-09-08	19:20:26	2023	8.051900	0.748400	33.62110
##	1265	Mooring	2023-09-08	19:30:27	2023	8.054800	0.782800	33.61990
##	1266	Mooring	2023-09-08	19:40:27	2023	8.056500	0.820600	33.61960
##	1267	Mooring	2023-09-08	19:50:26	2023	8.055600	0.798000	33.61960
##	1268	Mooring	2023-09-08	20:00:27	2023	8.055000	0.811200	33.62040
##	1269	Mooring	2023-09-08	20:10:26	2023	8.055300	0.816600	33.62040
##	1270	Mooring	2023-09-08	20:20:27	2023	8.055700	0.820400	33.62040
##	1271	Mooring	2023-09-08	20:30:26	2023	8.057100	0.859500	33.62070
##	1272	Mooring	2023-09-08	20:40:27	2023	8.060400	0.887500	33.61900
##	1273	Mooring	2023-09-08	20:50:26	2023	8.063200	0.902100	33.61800
##	1274	Mooring	2023-09-08	21:00:27	2023	8.066600	0.917800	33.61610
##	1275	Mooring	2023-09-08	21:10:27	2023	8.068400	0.929300	33.61560
##	1276	Mooring	2023-09-08	21:20:26	2023	8.070400	0.950100	33.61430
##	1277	Mooring	2023-09-08	21:30:27	2023	8.071800	0.952800	33.61370
##	1278	Mooring	2023-09-08	21:40:26	2023	8.078900	0.999400	33.60950
##	1279	Mooring	2023-09-08	21:50:27	2023	8.078400	0.992700	33.61020
##	1280	Mooring	2023-09-08	22:00:26	2023	8.079200	0.988800	33.60980
##	1281	Mooring	2023-09-08	22:10:27	2023	8.079700	0.988800	33.60950
##	1282	Mooring	2023-09-08	22:20:26	2023	8.079900	0.989600	33.60930
##	1283	Mooring	2023-09-08	22:30:27	2023	8.079000	0.979600	33.60990
##	1284	Mooring	2023-09-08	22:40:27	2023	8.078100	0.976500	33.60800
##	1285	Mooring	2023-09-08	22:50:26	2023	8.074100	0.934800	33.61130
##	1286	Mooring	2023-09-08	23:00:27	2023	8.070500	0.909100	33.61300
##	1287	Mooring	2023-09-08	23:10:26	2023	8.069800	0.893400	33.61330
##	1288	Mooring	2023-09-08	23:20:27	2023	8.068300	0.870300	33.61370
##	1289	Mooring	2023-09-08	23:30:26	2023	8.063700	0.829800	33.61590
##	1290	Mooring	2023-09-08	23:40:27	2023	8.055400	0.798400	33.61950
##	1291	Mooring	2023-09-08	23:50:26	2023	8.050200	0.760600	33.62190
##	1292	Mooring	2023-09-09	00:00:27	2023	8.048400	0.737600	33.62200
##	1293	Mooring	2023-09-09	00:10:27	2023	8.045300	0.702500	33.62250
##	1294	Mooring	2023-09-09	00:20:26	2023	8.045000	0.699100	33.62270
##	1295	Mooring	2023-09-09	00:30:27	2023	8.044600	0.681800	33.62280
##	1296	Mooring	2023-09-09	00:40:26	2023	8.044400	0.660500	33.62230

##	1297	Mooring	2023-09-09	00:50:27	2023	8.044600	0.666400	33.62230
##	1298	Mooring	2023-09-09	01:00:26	2023	8.045200	0.656700	33.62160
##	1299	Mooring	2023-09-09	01:10:27	2023	8.044800	0.629300	33.62160
##	1300	Mooring	2023-09-09	01:20:26	2023	8.044900	0.618900	33.62140
##	1301	Mooring	2023-09-09	01:30:27	2023	8.044700	0.611600	33.62140
##	1302	Mooring	2023-09-09	01:40:27	2023	8.045100	0.602400	NA
##	1303	Mooring	2023-09-09	01:50:26	2023	8.044900	0.579100	33.62090
##	1304	Mooring	2023-09-09	02:00:27	2023	8.046000	0.590000	33.62020
##	1305	Mooring	2023-09-09	02:10:26	2023	8.045400	0.583800	33.62060
##	1306	Mooring	2023-09-09	02:20:27	2023	8.046100	0.573000	33.62030
##	1307	Mooring	2023-09-09	02:30:26	2023	8.047400	0.572200	33.61940
##	1308	Mooring	2023-09-09	02:40:27	2023	8.046600	0.547500	33.61950
##	1309	Mooring	2023-09-09	02:50:26	2023	8.046700	0.526700	33.61890
##	1310	Mooring	2023-09-09	03:00:27	2023	8.048100	0.518200	33.61810
##	1311	Mooring	2023-09-09	03:10:27	2023	8.048000	0.500400	33.61790
##	1312	Mooring	2023-09-09	03:20:26	2023	8.048300	0.498200	33.61740
##	1313	Mooring	2023-09-09	03:30:27	2023	8.048600	0.495800	33.61740
##	1314	Mooring	2023-09-09	03:40:26	2023	8.048500	0.486900	33.61740
##	1315	Mooring	2023-09-09	03:50:27	2023	8.048000	0.454800	33.61730
##	1316	Mooring	2023-09-09	04:00:26	2023	8.047700	0.446100	33.61720
##	1317	Mooring	2023-09-09	04:10:27	2023	8.047700	0.444500	33.61720
##	1318	Mooring	2023-09-09	04:20:26	2023	8.047600	0.436400	33.61720
##	1319	Mooring	2023-09-09	04:30:27	2023	8.047300	0.441100	33.61760
##	1320	Mooring	2023-09-09	04:40:27	2023	8.047500	0.443800	33.61770
##	1321	Mooring	2023-09-09	04:50:26	2023	8.047600	0.443400	33.61740
##	1322	Mooring	2023-09-09	05:00:27	2023	8.047700	0.442200	33.61710
##	1323	Mooring	2023-09-09	05:10:26	2023	8.047200	0.446500	33.61760
##	1324	Mooring	2023-09-09	05:20:27	2023	8.047600	0.453800	33.61720
##	1325	Mooring	2023-09-09	05:30:26	2023	8.047400	0.447600	33.61720
##	1326	Mooring	2023-09-09	05:40:27	2023	8.047300	0.439500	33.61740
##	1327	Mooring	2023-09-09	05:50:26	2023	8.047300	0.437600	33.61750
##	1328	Mooring	2023-09-09	06:00:27	2023	8.047900	0.437600	33.61690
##	1329	Mooring	2023-09-09	06:10:27	2023	8.048000	0.439900	33.61660
##	1330	Mooring	2023-09-09	06:20:26	2023	8.047900	0.440700	33.61700
##	1331	Mooring	2023-09-09	06:30:27	2023	8.047600	0.437600	33.61700
##	1332	Mooring	2023-09-09	06:40:26	2023	8.046700	0.435600	33.61740
##	1333	Mooring	2023-09-09	06:50:27	2023	8.046000	0.440300	33.61750
##	1334	Mooring	2023-09-09	07:00:26	2023	8.045000	0.443400	33.61850
##	1335	Mooring	2023-09-09	07:10:27	2023	8.044100	0.473600	33.61940
##	1336	Mooring	2023-09-09	07:20:26	2023	8.043000	0.499800	33.62070
##	1337	Mooring	2023-09-09	07:30:27	2023	8.042700	0.502400	33.62090
##	1338	Mooring	2023-09-09	07:40:27	2023	8.043200	0.522100	33.62130
##	1339	Mooring	2023-09-09	07:50:26	2023	8.043600	0.523600	33.62090
##	1340	Mooring	2023-09-09	08:00:27	2023	8.045700	0.580100	33.62040
##	1341	Mooring	2023-09-09	08:10:26	2023	8.045200	0.588800	33.62090
##	1342	Mooring	2023-09-09	08:20:27	2023	8.047000	0.642900	33.62110
##	1343	Mooring	2023-09-09	08:30:26	2023	8.051400	0.776600	33.61530
##	1344	Mooring	2023-09-09	08:40:27	2023	8.057200	0.947800	33.62050
##	1345	Mooring	2023-09-09	08:50:26	2023	8.065300	1.205800	33.62090
##	1346	Mooring	2023-09-09	09:00:27	2023	8.073400	1.427400	33.62140
##	1347	Mooring	2023-09-09	09:10:27	2023	8.077300	1.575500	33.62050
##	1348	Mooring	2023-09-09	09:20:26	2023	8.084700	1.816300	33.62140
##	1349	Mooring	2023-09-09	09:30:27	2023	8.085700	1.859400	33.62190
##	1350	Mooring	2023-09-09	09:40:26	2023	8.086800	1.927300	33.62200

##	1351	Mooring	2023-09-09	09:50:27	2023	8.087500	1.915800	33.62150
##	1352	Mooring	2023-09-09	10:00:26	2023	8.086700	1.770400	33.61960
##	1353	Mooring	2023-09-09	10:10:27	2023	8.086300	1.680200	33.61780
##	1354	Mooring	2023-09-09	10:20:26	2023	8.084300	1.502000	33.61580
##	1355	Mooring	2023-09-09	10:30:27	2023	8.083700	1.398600	33.61370
##	1356	Mooring	2023-09-09	10:40:27	2023	8.085400	1.369500	33.61140
##	1357	Mooring	2023-09-09	10:50:26	2023	8.089900	1.380800	33.60700
##	1358	Mooring	2023-09-09	11:00:27	2023	8.091600	1.365900	33.60490
##	1359	Mooring	2023-09-09	11:10:26	2023	8.094900	1.372500	33.60230
##	1360	Mooring	2023-09-09	11:20:27	2023	8.098300	1.374300	33.59980
##	1361	Mooring	2023-09-09	11:30:26	2023	8.096800	1.348900	33.60090
##	1362	Mooring	2023-09-09	11:40:27	2023	8.098300	1.352800	33.60010
##	1363	Mooring	2023-09-09	11:50:26	2023	8.098400	1.338100	33.60000
##	1364	Mooring	2023-09-09	12:00:27	2023	8.096100	1.312300	33.60190
##	1365	Mooring	2023-09-09	12:10:27	2023	8.093700	1.279600	33.60360
##	1366	Mooring	2023-09-09	12:20:26	2023	8.097200	1.303600	33.60150
##	1367	Mooring	2023-09-09	12:30:27	2023	8.102800	1.316100	33.59860
##	1368	Mooring	2023-09-09	12:40:26	2023	8.115600	1.383800	33.59190
##	1369	Mooring	2023-09-09	12:50:27	2023	8.115800	1.389700	33.59150
##	1370	Mooring	2023-09-09	13:00:26	2023	8.122000	1.402700	33.58870
##	1371	Mooring	2023-09-09	13:10:27	2023	8.120000	1.400700	33.58930
##	1372	Mooring	2023-09-09	13:20:26	2023	8.121900	1.412600	33.58830
##	1373	Mooring	2023-09-09	13:30:27	2023	8.127000	1.443000	33.58550
##	1374	Mooring	2023-09-09	13:40:27	2023	8.123100	1.413300	33.58760
##	1375	Mooring	2023-09-09	13:50:26	2023	8.125700	1.423400	33.58640
##	1376	Mooring	2023-09-09	14:00:27	2023	8.123900	1.440400	33.58670
##	1377	Mooring	2023-09-09	14:10:26	2023	8.127100	1.488600	33.58420
##	1378	Mooring	2023-09-09	14:20:27	2023	8.113900	1.507800	33.59190
##	1379	Mooring	2023-09-09	14:30:26	2023	8.108400	1.516800	33.59580
##	1380	Mooring	2023-09-09	14:40:27	2023	8.101100	1.556000	33.60290
##	1381	Mooring	2023-09-09	14:50:26	2023	8.095600	1.681300	33.61090
##	1382	Mooring	2023-09-09	15:00:27	2023	8.093700	1.788000	33.61400
##	1383	Mooring	2023-09-09	15:10:27	2023	8.092000	1.800100	33.61600
##	1384	Mooring	2023-09-09	15:20:26	2023	8.089100	1.758800	33.61680
##	1385	Mooring	2023-09-09	15:30:27	2023	8.086300	1.703800	33.61770
##	1386	Mooring	2023-09-09	15:40:26	2023	8.081900	1.622100	33.61910
##	1387	Mooring	2023-09-09	15:50:27	2023	8.075200	1.455500	33.62060
##	1388	Mooring	2023-09-09	16:00:26	2023	8.058200	1.124300	33.62360
##	1389	Mooring	2023-09-09	16:10:27	2023	8.046300	0.869800	33.62770
##	1390	Mooring	2023-09-09	16:20:26	2023	8.039100	0.761700	33.63030
##	1391	Mooring	2023-09-09	16:30:27	2023	8.034200	0.723100	33.63260
##	1392	Mooring	2023-09-09	16:40:27	2023	8.033000	0.719800	33.63310
##	1393	Mooring	2023-09-09	16:50:26	2023	8.033700	0.719400	33.63320
##	1394	Mooring	2023-09-09	17:00:27	2023	8.030100	0.673400	33.63440
##	1395	Mooring	2023-09-09	17:10:26	2023	8.029300	0.649100	33.63480
##	1396	Mooring	2023-09-09	17:20:27	2023	8.027000	0.636900	33.63570
##	1397	Mooring	2023-09-09	17:30:26	2023	8.026000	0.626800	33.63580
##	1398	Mooring	2023-09-09	17:40:27	2023	8.026800	0.633500	33.63540
##	1399	Mooring	2023-09-09	17:50:26	2023	8.026400	0.635400	33.63570
##	1400	Mooring	2023-09-09	18:00:27	2023	8.026800	0.645100	33.63560
##	1401	Mooring	2023-09-09	18:10:27	2023	8.027300	0.651600	33.63520
##	1402	Mooring	2023-09-09	18:20:26	2023	8.028400	0.671300	33.63490
##	1403	Mooring	2023-09-09	18:30:27	2023	8.027200	0.670100	33.63590
##	1404	Mooring	2023-09-09	18:40:26	2023	8.025900	0.673200	33.63650

##	1405	Mooring	2023-09-09	18:50:27	2023	8.024500	0.686400	33.63640
##	1406	Mooring	2023-09-09	19:00:26	2023	8.024400	0.719300	33.63850
##	1407	Mooring	2023-09-09	19:10:27	2023	8.023200	0.718400	33.63940
##	1408	Mooring	2023-09-09	19:20:26	2023	8.021200	0.711800	33.64000
##	1409	Mooring	2023-09-09	19:30:27	2023	8.019300	0.701000	33.64100
##	1410	Mooring	2023-09-09	19:40:27	2023	8.020200	0.702200	33.64090
##	1411	Mooring	2023-09-09	19:50:26	2023	8.019000	0.700700	33.64120
##	1412	Mooring	2023-09-09	20:00:27	2023	8.019000	0.694900	33.64100
##	1413	Mooring	2023-09-09	20:10:26	2023	8.017500	0.694100	33.64170
##	1414	Mooring	2023-09-09	20:20:27	2023	8.017400	0.689900	33.64170
##	1415	Mooring	2023-09-09	20:30:26	2023	8.017600	0.690700	33.64220
##	1416	Mooring	2023-09-09	20:40:27	2023	8.016600	0.688300	33.64270
##	1417	Mooring	2023-09-09	20:50:26	2023	8.015000	0.681000	33.64350
##	1418	Mooring	2023-09-09	21:00:27	2023	8.015100	0.675200	33.64360
##	1419	Mooring	2023-09-09	21:10:27	2023	8.013800	0.673300	33.64420
##	1420	Mooring	2023-09-09	21:20:26	2023	8.012800	0.675300	33.64460
##	1421	Mooring	2023-09-09	21:30:27	2023	8.014300	0.688800	33.64460
##	1422	Mooring	2023-09-09	21:40:26	2023	8.016400	0.703800	33.64390
##	1423	Mooring	2023-09-09	21:50:27	2023	8.019400	0.753700	33.64340
##	1424	Mooring	2023-09-09	22:00:26	2023	8.026400	0.870400	33.64110
##	1425	Mooring	2023-09-09	22:10:27	2023	8.029000	0.922900	33.64080
##	1426	Mooring	2023-09-09	22:20:26	2023	8.034000	1.017100	33.63970
##	1427	Mooring	2023-09-09	22:30:27	2023	8.040300	1.168800	33.63850
##	1428	Mooring	2023-09-09	22:40:27	2023	8.044600	1.245100	33.63750
##	1429	Mooring	2023-09-09	22:50:26	2023	8.048700	1.361700	33.63700
##	1430	Mooring	2023-09-09	23:00:27	2023	8.053500	1.440100	33.63430
##	1431	Mooring	2023-09-09	23:10:26	2023	8.061300	1.593900	33.63460
##	1432	Mooring	2023-09-09	23:20:27	2023	8.057800	1.579900	33.63510
##	1433	Mooring	2023-09-09	23:30:26	2023	8.062600	1.685000	33.63440
##	1434	Mooring	2023-09-09	23:40:27	2023	8.041600	1.242600	33.63890
##	1435	Mooring	2023-09-09	23:50:26	2023	8.057600	1.541300	33.63490
##	1436	Mooring	2023-09-10	00:00:27	2023	8.062600	1.642700	33.63290
##	1437	Mooring	2023-09-10	00:10:27	2023	8.063500	1.653100	33.63320
##	1438	Mooring	2023-09-10	00:20:26	2023	8.067800	1.813900	33.63310
##	1439	Mooring	2023-09-10	00:30:27	2023	8.074800	1.981700	33.63150
##	1440	Mooring	2023-09-10	00:40:26	2023	8.077800	2.015000	33.63140
##	1441	Mooring	2023-09-10	00:50:27	2023	8.079600	2.056900	33.63090
##	1442	Mooring	2023-09-10	01:00:26	2023	8.080500	2.083000	33.63110
##	1443	Mooring	2023-09-10	01:10:27	2023	8.075700	2.014700	33.63280
##	1444	Mooring	2023-09-10	01:20:26	2023	8.077200	2.050100	33.63300
##	1445	Mooring	2023-09-10	01:30:27	2023	8.081600	2.109700	33.63070
##	1446	Mooring	2023-09-10	01:40:27	2023	8.079400	2.066700	33.63140
##	1447	Mooring	2023-09-10	01:50:26	2023	8.074300	1.963000	33.63360
##	1448	Mooring	2023-09-10	02:00:27	2023	8.083300	2.120900	33.62990
##	1449	Mooring	2023-09-10	02:10:26	2023	8.084400	2.105100	33.62860
##	1450	Mooring	2023-09-10	02:20:27	2023	8.079200	2.006500	33.62870
##	1451	Mooring	2023-09-10	02:30:26	2023	8.086800	2.093900	33.62550
##	1452	Mooring	2023-09-10	02:40:27	2023	8.085900	2.070800	33.62540
##	1453	Mooring	2023-09-10	02:50:26	2023	8.089100	2.088600	33.62320
##	1454	Mooring	2023-09-10	03:00:27	2023	8.088600	2.078800	33.62350
##	1455	Mooring	2023-09-10	03:10:27	2023	8.087500	2.056600	33.62260
##	1456	Mooring	2023-09-10	03:20:26	2023	8.094700	2.088000	33.61720
##	1457	Mooring	2023-09-10	03:30:27	2023	8.090300	2.061800	33.62020
##	1458	Mooring	2023-09-10	03:40:26	2023	8.090700	2.051800	33.61970

##	1459	Mooring	2023-09-10	03:50:27	2023	8.087400	2.004500	33.62090
##	1460	Mooring	2023-09-10	04:00:26	2023	8.087700	2.004600	33.61980
##	1461	Mooring	2023-09-10	04:10:27	2023	8.089300	2.040500	33.61940
##	1462	Mooring	2023-09-10	04:20:26	2023	8.079500	1.939800	33.62480
##	1463	Mooring	2023-09-10	04:30:27	2023	8.075500	1.897800	33.62750
##	1464	Mooring	2023-09-10	04:40:27	2023	8.072900	1.908500	33.63060
##	1465	Mooring	2023-09-10	04:50:26	2023	8.068600	1.870300	33.63260
##	1466	Mooring	2023-09-10	05:00:27	2023	8.068100	1.871600	33.63310
##	1467	Mooring	2023-09-10	05:10:26	2023	8.069000	1.883200	33.63250
##	1468	Mooring	2023-09-10	05:20:27	2023	8.070100	1.911700	33.63230
##	1469	Mooring	2023-09-10	05:30:26	2023	8.069800	1.921700	33.63280
##	1470	Mooring	2023-09-10	05:40:27	2023	8.067300	1.895000	33.63460
##	1471	Mooring	2023-09-10	05:50:26	2023	8.064300	1.855000	33.63570
##	1472	Mooring	2023-09-10	06:00:27	2023	8.061700	1.808800	33.63630
##	1473	Mooring	2023-09-10	06:10:27	2023	8.053500	1.672300	33.63760
##	1474	Mooring	2023-09-10	06:20:26	2023	8.051200	1.641100	33.63950
##	1475	Mooring	2023-09-10	06:30:27	2023	8.050900	1.642800	33.64020
##	1476	Mooring	2023-09-10	06:40:26	2023	8.050900	1.665600	33.64120
##	1477	Mooring	2023-09-10	06:50:27	2023	8.050800	1.678300	33.64250
##	1478	Mooring	2023-09-10	07:00:26	2023	8.050200	1.701800	33.64350
##	1479	Mooring	2023-09-10	07:10:27	2023	8.047000	1.684400	33.64540
##	1480	Mooring	2023-09-10	07:20:26	2023	8.044500	1.682200	33.64680
##	1481	Mooring	2023-09-10	07:30:27	2023	8.045300	1.699600	33.64670
##	1482	Mooring	2023-09-10	07:40:27	2023	8.047300	1.718000	33.64640
##	1483	Mooring	2023-09-10	07:50:26	2023	8.048700	1.736500	33.64630
##	1484	Mooring	2023-09-10	08:00:27	2023	8.046800	1.714000	33.64710
##	1485	Mooring	2023-09-10	08:10:26	2023	8.045400	1.686200	33.64780
##	1486	Mooring	2023-09-10	08:20:27	2023	8.044400	1.656900	33.64820
##	1487	Mooring	2023-09-10	08:30:26	2023	8.044300	1.635800	33.64800
##	1488	Mooring	2023-09-10	08:40:27	2023	8.044400	1.619200	33.64760
##	1489	Mooring	2023-09-10	08:50:26	2023	8.042000	1.606200	33.64880
##	1490	Mooring	2023-09-10	09:00:27	2023	8.039400	1.590800	33.65020
##	1491	Mooring	2023-09-10	09:10:27	2023	8.038200	1.582700	33.65090
##	1492	Mooring	2023-09-10	09:20:26	2023	8.039500	1.584600	33.64980
##	1493	Mooring	2023-09-10	09:30:27	2023	8.042600	1.601900	33.64820
##	1494	Mooring	2023-09-10	09:40:26	2023	8.040800	1.581400	33.64910
##	1495	Mooring	2023-09-10	09:50:27	2023	8.039300	1.572600	33.64980
##	1496	Mooring	2023-09-10	10:00:26	2023	8.039100	1.566900	33.64980
##	1497	Mooring	2023-09-10	10:10:27	2023	8.038300	1.561400	33.65060
##	1498	Mooring	2023-09-10	10:20:26	2023	8.039900	1.568400	33.64940
##	1499	Mooring	2023-09-10	10:30:27	2023	8.039500	1.553600	33.64960
##	1500	Mooring	2023-09-10	10:40:27	2023	8.038500	1.544800	33.65020
##	1501	Mooring	2023-09-10	10:50:26	2023	8.038200	1.538300	33.65010
##	1502	Mooring	2023-09-10	11:00:27	2023	8.036800	1.514700	33.65090
##	1503	Mooring	2023-09-10	11:10:26	2023	8.034200	1.490100	33.65190
##	1504	Mooring	2023-09-10	11:20:27	2023	8.033100	1.475100	33.65270
##	1505	Mooring	2023-09-10	11:30:26	2023	8.031600	1.457100	33.65310
##	1506	Mooring	2023-09-10	11:40:27	2023	8.031100	1.441200	33.65360
##	1507	Mooring	2023-09-10	11:50:26	2023	8.030200	1.420400	33.65370
##	1508	Mooring	2023-09-10	12:00:27	2023	8.030900	1.414700	33.65310
##	1509	Mooring	2023-09-10	12:10:27	2023	8.030300	1.401900	33.65330
##	1510	Mooring	2023-09-10	12:20:26	2023	8.029600	1.383800	33.65370
##	1511	Mooring	2023-09-10	12:30:27	2023	8.029700	1.363700	33.65310
##	1512	Mooring	2023-09-10	12:40:26	2023	8.029300	1.346800	33.65310

##	1513	Mooring	2023-09-10	12:50:27	2023	8.030200	1.343700	33.65260
##	1514	Mooring	2023-09-10	13:00:26	2023	8.030300	1.336800	33.65250
##	1515	Mooring	2023-09-10	13:10:27	2023	8.030100	1.330300	33.64580
##	1516	Mooring	2023-09-10	13:20:26	2023	8.030800	1.314900	33.64150
##	1517	Mooring	2023-09-10	13:30:27	2023	8.029200	1.300200	33.64930
##	1518	Mooring	2023-09-10	13:40:27	2023	8.028700	1.294100	33.65130
##	1519	Mooring	2023-09-10	13:50:26	2023	8.032800	1.317600	33.64850
##	1520	Mooring	2023-09-10	14:00:27	2023	8.031500	1.294700	33.65160
##	1521	Mooring	2023-09-10	14:10:26	2023	8.036700	1.343100	33.64860
##	1522	Mooring	2023-09-10	14:20:27	2023	8.036700	1.334400	33.64850
##	1523	Mooring	2023-09-10	14:30:26	2023	8.037300	1.346400	33.64850
##	1524	Mooring	2023-09-10	14:40:27	2023	8.040400	1.377600	33.64690
##	1525	Mooring	2023-09-10	14:50:26	2023	8.041900	1.404200	33.64590
##	1526	Mooring	2023-09-10	15:00:27	2023	8.041100	1.398300	33.64620
##	1527	Mooring	2023-09-10	15:10:27	2023	8.040700	1.381800	33.64660
##	1528	Mooring	2023-09-10	15:20:26	2023	8.041000	1.405000	33.64600
##	1529	Mooring	2023-09-10	15:30:27	2023	8.047300	1.471400	33.64250
##	1530	Mooring	2023-09-10	15:40:26	2023	8.045000	1.441000	33.64380
##	1531	Mooring	2023-09-10	15:50:27	2023	8.049300	1.479000	33.64130
##	1532	Mooring	2023-09-10	16:00:26	2023	8.047700	1.463400	33.64240
##	1533	Mooring	2023-09-10	16:10:27	2023	8.046300	1.454200	33.64310
##	1534	Mooring	2023-09-10	16:20:26	2023	8.047100	1.449200	33.64300
##	1535	Mooring	2023-09-10	16:30:27	2023	8.049100	1.467300	33.64150
##	1536	Mooring	2023-09-10	16:40:27	2023	8.050900	1.486200	33.64040
##	1537	Mooring	2023-09-10	16:50:26	2023	8.052300	1.489200	33.63960
##	1538	Mooring	2023-09-10	17:00:27	2023	8.054400	1.497200	33.63840
##	1539	Mooring	2023-09-10	17:10:26	2023	8.056800	1.529700	33.63700
##	1540	Mooring	2023-09-10	17:20:27	2023	8.053700	1.506000	33.63880
##	1541	Mooring	2023-09-10	17:30:26	2023	8.055800	1.517700	33.63750
##	1542	Mooring	2023-09-10	17:40:27	2023	8.058500	1.519500	33.63600
##	1543	Mooring	2023-09-10	17:50:26	2023	8.061300	1.543800	33.63440
##	1544	Mooring	2023-09-10	18:00:27	2023	8.062600	1.555600	33.63350
##	1545	Mooring	2023-09-10	18:10:27	2023	8.062300	1.569200	33.63360
##	1546	Mooring	2023-09-10	18:20:26	2023	8.063000	1.589600	33.63300
##	1547	Mooring	2023-09-10	18:30:27	2023	8.060800	1.557800	33.63430
##	1548	Mooring	2023-09-10	18:40:26	2023	8.061800	1.545900	33.63380
##	1549	Mooring	2023-09-10	18:50:27	2023	8.063000	1.586600	33.63330
##	1550	Mooring	2023-09-10	19:00:26	2023	8.060600	1.598900	33.63520
##	1551	Mooring	2023-09-10	19:10:27	2023	8.060000	1.626300	33.63580
##	1552	Mooring	2023-09-10	19:20:26	2023	8.058500	1.599600	33.63640
##	1553	Mooring	2023-09-10	19:30:27	2023	8.057200	1.597700	33.63770
##	1554	Mooring	2023-09-10	19:40:27	2023	8.055300	1.600900	33.63910
##	1555	Mooring	2023-09-10	19:50:26	2023	8.055700	1.589300	33.63910
##	1556	Mooring	2023-09-10	20:00:27	2023	8.055300	1.605900	33.63940
##	1557	Mooring	2023-09-10	20:10:26	2023	8.057000	1.602300	33.63840
##	1558	Mooring	2023-09-10	20:20:27	2023	8.058300	1.597300	33.63760
##	1559	Mooring	2023-09-10	20:30:26	2023	8.059200	1.605800	33.63700
##	1560	Mooring	2023-09-10	20:40:27	2023	8.059500	1.606100	33.63690
##	1561	Mooring	2023-09-10	20:50:26	2023	8.060000	1.610000	33.63680
##	1562	Mooring	2023-09-10	21:00:27	2023	8.060300	1.599800	33.63670
##	1563	Mooring	2023-09-10	21:10:27	2023	8.061600	1.608000	33.63610
##	1564	Mooring	2023-09-10	21:20:26	2023	8.062900	1.600600	33.63540
##	1565	Mooring	2023-09-10	21:30:27	2023	8.063600	1.600500	33.63490
##	1566	Mooring	2023-09-10	21:40:26	2023	8.064300	1.610900	33.63450

##	1567	Mooring	2023-09-10	21:50:27	2023	8.064900	1.610500	33.63430
##	1568	Mooring	2023-09-10	22:00:26	2023	8.065800	1.598100	33.63370
##	1569	Mooring	2023-09-10	22:10:27	2023	8.066200	1.607000	33.63350
##	1570	Mooring	2023-09-10	22:20:26	2023	8.066700	1.603000	33.63320
##	1571	Mooring	2023-09-10	22:30:27	2023	8.067700	1.602300	33.63270
##	1572	Mooring	2023-09-10	22:40:27	2023	8.069300	1.599900	33.63150
##	1573	Mooring	2023-09-10	22:50:26	2023	8.070700	1.616900	33.63040
##	1574	Mooring	2023-09-10	23:00:27	2023	8.071000	1.596300	33.63060
##	1575	Mooring	2023-09-10	23:10:26	2023	8.072000	1.608700	33.62980
##	1576	Mooring	2023-09-10	23:20:27	2023	8.072300	1.605500	NA
##	1577	Mooring	2023-09-10	23:30:26	2023	8.073000	1.593900	33.62910
##	1578	Mooring	2023-09-10	23:40:27	2023	8.072800	1.597100	33.62930
##	1579	Mooring	2023-09-10	23:50:26	2023	8.073500	1.604800	33.62860
##	1580	Mooring	2023-09-11	00:00:27	2023	8.075100	1.611700	33.62770
##	1581	Mooring	2023-09-11	00:10:27	2023	8.074900	1.602400	33.62780
##	1582	Mooring	2023-09-11	00:20:26	2023	8.075800	1.609000	33.62710
##	1583	Mooring	2023-09-11	00:30:27	2023	8.077100	1.618600	33.62630
##	1584	Mooring	2023-09-11	00:40:26	2023	8.078600	1.626600	33.62520
##	1585	Mooring	2023-09-11	00:50:27	2023	8.080900	1.640800	33.62370
##	1586	Mooring	2023-09-11	01:00:26	2023	8.083400	1.638400	33.62230
##	1587	Mooring	2023-09-11	01:10:27	2023	8.088000	1.642500	33.61940
##	1588	Mooring	2023-09-11	01:20:26	2023	8.087300	1.641300	33.61980
##	1589	Mooring	2023-09-11	01:30:27	2023	8.092100	1.664800	33.61730
##	1590	Mooring	2023-09-11	01:40:27	2023	8.096500	1.677700	33.61460
##	1591	Mooring	2023-09-11	01:50:26	2023	8.099100	1.683800	33.61340
##	1592	Mooring	2023-09-11	02:00:27	2023	8.100600	1.678300	33.61270
##	1593	Mooring	2023-09-11	02:10:26	2023	8.101600	1.693000	33.61220
##	1594	Mooring	2023-09-11	02:20:27	2023	8.104200	1.689000	33.61030
##	1595	Mooring	2023-09-11	02:30:26	2023	8.102700	1.690200	33.61140
##	1596	Mooring	2023-09-11	02:40:27	2023	8.104200	1.686000	33.61060
##	1597	Mooring	2023-09-11	02:50:26	2023	8.103600	1.699900	33.61100
##	1598	Mooring	2023-09-11	03:00:27	2023	8.104600	1.713000	33.61010
##	1599	Mooring	2023-09-11	03:10:27	2023	8.104100	1.714500	33.61090
##	1600	Mooring	2023-09-11	03:20:26	2023	8.106300	1.728300	33.60990
##	1601	Mooring	2023-09-11	03:30:27	2023	8.106000	1.722900	33.60990
##	1602	Mooring	2023-09-11	03:40:26	2023	8.105200	1.718300	33.61020
##	1603	Mooring	2023-09-11	03:50:27	2023	8.107900	1.723700	33.60880
##	1604	Mooring	2023-09-11	04:00:26	2023	8.107300	1.714800	33.60910
##	1605	Mooring	2023-09-11	04:10:27	2023	8.109900	1.717100	33.60730
##	1606	Mooring	2023-09-11	04:20:26	2023	8.110900	1.686800	33.60690
##	1607	Mooring	2023-09-11	04:30:27	2023	8.115000	1.726300	33.60440
##	1608	Mooring	2023-09-11	04:40:27	2023	8.116300	1.729600	33.60350
##	1609	Mooring	2023-09-11	04:50:26	2023	8.117700	1.739900	33.60280
##	1610	Mooring	2023-09-11	05:00:27	2023	8.119700	1.740600	33.60180
##	1611	Mooring	2023-09-11	05:10:26	2023	8.121000	1.751400	33.60080
##	1612	Mooring	2023-09-11	05:20:27	2023	8.122000	1.752800	33.59980
##	1613	Mooring	2023-09-11	05:30:26	2023	8.122500	1.760900	33.59970
##	1614	Mooring	2023-09-11	05:40:27	2023	8.124700	1.764300	33.59810
##	1615	Mooring	2023-09-11	05:50:26	2023	8.127900	1.776900	33.59630
##	1616	Mooring	2023-09-11	06:00:27	2023	8.128600	1.782200	33.59560
##	1617	Mooring	2023-09-11	06:10:27	2023	8.129500	1.782600	33.59500
##	1618	Mooring	2023-09-11	06:20:26	2023	8.130300	1.794100	33.59420
##	1619	Mooring	2023-09-11	06:30:27	2023	8.131400	1.801000	33.59330
##	1620	Mooring	2023-09-11	06:40:26	2023	8.132500	1.814100	33.59230

##	1621	Mooring	2023-09-11	06:50:27	2023	8.133300	1.815900	33.59160
##	1622	Mooring	2023-09-11	07:00:26	2023	8.136400	1.826200	33.58970
##	1623	Mooring	2023-09-11	07:10:27	2023	8.137400	1.823400	33.58900
##	1624	Mooring	2023-09-11	07:20:26	2023	8.141100	1.836800	33.58700
##	1625	Mooring	2023-09-11	07:30:27	2023	8.143900	1.838200	33.58590
##	1626	Mooring	2023-09-11	07:40:27	2023	8.147000	1.830300	33.58450
##	1627	Mooring	2023-09-11	07:50:26	2023	8.148500	1.824500	33.58420
##	1628	Mooring	2023-09-11	08:00:27	2023	8.150400	1.823700	33.58310
##	1629	Mooring	2023-09-11	08:10:26	2023	8.152100	1.816200	33.58220
##	1630	Mooring	2023-09-11	08:20:27	2023	8.155700	1.809900	33.58130
##	1631	Mooring	2023-09-11	08:30:26	2023	8.158300	1.802800	33.58020
##	1632	Mooring	2023-09-11	08:40:27	2023	8.159800	1.797400	33.57990
##	1633	Mooring	2023-09-11	08:50:26	2023	8.162100	1.796500	33.57740
##	1634	Mooring	2023-09-11	09:00:27	2023	8.164400	1.803400	33.57710
##	1635	Mooring	2023-09-11	09:10:27	2023	8.165800	1.794000	33.57650
##	1636	Mooring	2023-09-11	09:20:26	2023	8.167400	1.800500	33.57580
##	1637	Mooring	2023-09-11	09:30:27	2023	8.168800	1.791500	33.57540
##	1638	Mooring	2023-09-11	09:40:26	2023	8.172500	1.775100	33.57500
##	1639	Mooring	2023-09-11	09:50:27	2023	8.176200	1.750700	33.57450
##	1640	Mooring	2023-09-11	10:00:26	2023	8.178800	1.728300	33.57430
##	1641	Mooring	2023-09-11	10:10:27	2023	8.185700	1.694100	33.57310
##	1642	Mooring	2023-09-11	10:20:26	2023	8.186000	1.677600	33.57340
##	1643	Mooring	2023-09-11	10:30:27	2023	8.191100	1.659400	33.57240
##	1644	Mooring	2023-09-11	10:40:27	2023	8.195200	1.647700	33.57100
##	1645	Mooring	2023-09-11	10:50:26	2023	8.199400	1.634800	33.57030
##	1646	Mooring	2023-09-11	11:00:27	2023	8.207000	1.616000	33.56800
##	1647	Mooring	2023-09-11	11:10:26	2023	8.206200	1.606900	33.56820
##	1648	Mooring	2023-09-11	11:20:27	2023	8.211900	1.589300	33.56640
##	1649	Mooring	2023-09-11	11:30:26	2023	8.215600	1.580700	33.56520
##	1650	Mooring	2023-09-11	11:40:27	2023	8.217000	1.574200	33.56490
##	1651	Mooring	2023-09-11	11:50:26	2023	8.219400	1.557900	33.56430
##	1652	Mooring	2023-09-11	12:00:27	2023	8.223900	1.549300	33.56300
##	1653	Mooring	2023-09-11	12:10:27	2023	8.229000	1.536100	33.56170
##	1654	Mooring	2023-09-11	12:20:26	2023	8.232000	1.520600	33.56100
##	1655	Mooring	2023-09-11	12:30:27	2023	8.233000	1.509400	33.56070
##	1656	Mooring	2023-09-11	12:40:26	2023	8.238500	1.485800	33.55910
##	1657	Mooring	2023-09-11	12:50:27	2023	8.245800	1.463200	33.55740
##	1658	Mooring	2023-09-11	13:00:26	2023	8.246400	1.444000	33.55740
##	1659	Mooring	2023-09-11	13:10:27	2023	8.249300	1.422900	33.55680
##	1660	Mooring	2023-09-11	13:20:26	2023	8.250400	1.413600	33.55640
##	1661	Mooring	2023-09-11	13:30:27	2023	8.254200	1.390400	33.55560
##	1662	Mooring	2023-09-11	13:40:27	2023	8.261900	1.349900	33.55410
##	1663	Mooring	2023-09-11	13:50:26	2023	8.263600	1.311100	33.55370
##	1664	Mooring	2023-09-11	14:00:27	2023	8.265200	1.298400	33.55400
##	1665	Mooring	2023-09-11	14:10:26	2023	8.266600	1.279200	33.55380
##	1666	Mooring	2023-09-11	14:20:27	2023	8.266100	1.277300	33.55360
##	1667	Mooring	2023-09-11	14:30:26	2023	8.268500	1.254600	33.55360
##	1668	Mooring	2023-09-11	14:40:27	2023	8.270700	1.227300	33.55330
##	1669	Mooring	2023-09-11	14:50:26	2023	8.272100	1.216500	33.55320
##	1670	Mooring	2023-09-11	15:00:27	2023	8.272800	1.208900	33.55370
##	1671	Mooring	2023-09-11	15:10:27	2023	8.272800	1.201200	33.55390
##	1672	Mooring	2023-09-11	15:20:26	2023	8.275000	1.182700	33.55350
##	1673	Mooring	2023-09-11	15:30:27	2023	8.276500	1.170000	33.55390
##	1674	Mooring	2023-09-11	15:40:26	2023	8.277700	1.165000	33.55380

##	1675	Mooring	2023-09-11	15:50:27	2023	8.276900	1.168900	33.55400
##	1676	Mooring	2023-09-11	16:00:26	2023	8.276800	1.174000	33.55440
##	1677	Mooring	2023-09-11	16:10:27	2023	8.278000	1.163500	33.55400
##	1678	Mooring	2023-09-11	16:20:26	2023	8.279900	1.143900	33.55420
##	1679	Mooring	2023-09-11	16:30:27	2023	8.279900	1.140500	33.55420
##	1680	Mooring	2023-09-11	16:40:27	2023	8.281100	1.121200	33.55420
##	1681	Mooring	2023-09-11	16:50:26	2023	8.281100	1.114000	33.55430
##	1682	Mooring	2023-09-11	17:00:27	2023	8.280800	1.111300	33.55460
##	1683	Mooring	2023-09-11	17:10:26	2023	8.281900	1.097100	33.55450
##	1684	Mooring	2023-09-11	17:20:27	2023	8.282800	1.095200	33.55430
##	1685	Mooring	2023-09-11	17:30:26	2023	8.282200	1.088700	33.55420
##	1686	Mooring	2023-09-11	17:40:27	2023	8.281500	1.092900	33.55440
##	1687	Mooring	2023-09-11	17:50:26	2023	8.280700	1.095700	33.55440
##	1688	Mooring	2023-09-11	18:00:27	2023	8.279900	1.099900	33.55450
##	1689	Mooring	2023-09-11	18:10:27	2023	8.280000	1.096800	33.55410
##	1690	Mooring	2023-09-11	18:20:26	2023	8.280400	1.090300	33.55380
##	1691	Mooring	2023-09-11	18:30:27	2023	8.279800	1.094100	33.55400
##	1692	Mooring	2023-09-11	18:40:26	2023	8.278200	1.092300	33.55420
##	1693	Mooring	2023-09-11	18:50:27	2023	8.276900	1.088100	33.55400
##	1694	Mooring	2023-09-11	19:00:26	2023	8.274900	1.087400	33.55430
##	1695	Mooring	2023-09-11	19:10:27	2023	8.272300	1.092800	33.55440
##	1696	Mooring	2023-09-11	19:20:26	2023	8.273500	1.088200	33.55400
##	1697	Mooring	2023-09-11	19:30:27	2023	8.271900	1.089400	33.55410
##	1698	Mooring	2023-09-11	19:40:27	2023	8.271200	1.089000	33.55420
##	1699	Mooring	2023-09-11	19:50:26	2023	8.268300	1.104900	33.55360
##	1700	Mooring	2023-09-11	20:00:27	2023	8.268200	1.097900	33.55280
##	1701	Mooring	2023-09-11	20:10:26	2023	8.273400	1.093500	33.55250
##	1702	Mooring	2023-09-11	20:20:27	2023	8.275900	1.092300	33.55180
##	1703	Mooring	2023-09-11	20:30:26	2023	8.272100	1.099000	33.55200
##	1704	Mooring	2023-09-11	20:40:27	2023	8.274600	1.103500	33.55160
##	1705	Mooring	2023-09-11	20:50:26	2023	8.276600	1.097300	33.55130
##	1706	Mooring	2023-09-11	21:00:27	2023	8.280400	1.089500	33.55070
##	1707	Mooring	2023-09-11	21:10:27	2023	8.282400	1.088300	33.55040
##	1708	Mooring	2023-09-11	21:20:26	2023	8.286100	1.076300	33.54950
##	1709	Mooring	2023-09-11	21:30:27	2023	8.290300	1.072700	33.54930
##	1710	Mooring	2023-09-11	21:40:26	2023	8.291800	1.070800	33.54890
##	1711	Mooring	2023-09-11	21:50:27	2023	8.291900	1.065800	33.54880
##	1712	Mooring	2023-09-11	22:00:26	2023	8.293900	1.073000	33.54840
##	1713	Mooring	2023-09-11	22:10:27	2023	8.295100	1.069900	33.54780
##	1714	Mooring	2023-09-11	22:20:26	2023	8.296000	1.059100	33.54790
##	1715	Mooring	2023-09-11	22:30:27	2023	8.297300	1.059100	33.54790
##	1716	Mooring	2023-09-11	22:40:27	2023	8.297800	1.059500	33.54770
##	1717	Mooring	2023-09-11	22:50:26	2023	8.298500	1.054400	33.54720
##	1718	Mooring	2023-09-11	23:00:27	2023	8.298700	1.054900	33.54710
##	1719	Mooring	2023-09-11	23:10:26	2023	8.297800	1.044800	33.54740
##	1720	Mooring	2023-09-11	23:20:27	2023	8.299000	1.054900	33.54720
##	1721	Mooring	2023-09-11	23:30:26	2023	8.299800	1.045600	33.54700
##	1722	Mooring	2023-09-11	23:40:27	2023	8.300100	1.045200	33.54650
##	1723	Mooring	2023-09-11	23:50:26	2023	8.300600	1.045600	33.54720
##	1724	Mooring	2023-09-12	00:00:27	2023	8.300600	1.033600	33.54680
##	1725	Mooring	2023-09-12	00:10:27	2023	8.301600	1.037900	33.54680
##	1726	Mooring	2023-09-12	00:20:26	2023	8.302700	1.038200	33.54640
##	1727	Mooring	2023-09-12	00:30:27	2023	8.302900	1.033200	33.54660
##	1728	Mooring	2023-09-12	00:40:26	2023	8.304500	1.029000	33.54650

##	1729	Mooring	2023-09-12	00:50:27	2023	8.305600	1.021700	33.54620
##	1730	Mooring	2023-09-12	01:00:26	2023	8.307400	1.026700	33.54560
##	1731	Mooring	2023-09-12	01:10:27	2023	8.308700	1.020100	33.54560
##	1732	Mooring	2023-09-12	01:20:26	2023	8.308900	1.013900	33.54550
##	1733	Mooring	2023-09-12	01:30:27	2023	8.309200	1.012800	33.54590
##	1734	Mooring	2023-09-12	01:40:27	2023	8.310600	1.014300	33.54490
##	1735	Mooring	2023-09-12	01:50:26	2023	8.312100	1.015000	33.54470
##	1736	Mooring	2023-09-12	02:00:27	2023	8.313000	1.015000	33.54450
##	1737	Mooring	2023-09-12	02:10:26	2023	8.312600	1.009300	33.54440
##	1738	Mooring	2023-09-12	02:20:27	2023	8.314600	1.013500	33.54380
##	1739	Mooring	2023-09-12	02:30:26	2023	8.314700	1.010400	33.54360
##	1740	Mooring	2023-09-12	02:40:27	2023	8.315600	1.010000	33.54340
##	1741	Mooring	2023-09-12	02:50:26	2023	8.316100	1.008800	33.54350
##	1742	Mooring	2023-09-12	03:00:27	2023	8.315800	1.011200	33.54300
##	1743	Mooring	2023-09-12	03:10:27	2023	8.317900	1.021500	33.54210
##	1744	Mooring	2023-09-12	03:20:26	2023	8.318400	1.022200	33.54200
##	1745	Mooring	2023-09-12	03:30:27	2023	8.320100	1.019500	33.54180
##	1746	Mooring	2023-09-12	03:40:26	2023	8.321400	1.026400	33.54090
##	1747	Mooring	2023-09-12	03:50:27	2023	8.322000	1.016400	33.54080
##	1748	Mooring	2023-09-12	04:00:26	2023	8.323700	1.023700	33.54040
##	1749	Mooring	2023-09-12	04:10:27	2023	8.324000	1.026000	33.53990
##	1750	Mooring	2023-09-12	04:20:26	2023	8.325000	1.023600	33.53970
##	1751	Mooring	2023-09-12	04:30:27	2023	8.325000	1.031700	33.53980
##	1752	Mooring	2023-09-12	04:40:27	2023	8.325400	1.036700	33.53930
##	1753	Mooring	2023-09-12	04:50:26	2023	8.326300	1.045100	33.53860
##	1754	Mooring	2023-09-12	05:00:27	2023	8.326500	1.042400	33.53840
##	1755	Mooring	2023-09-12	05:10:26	2023	8.327000	1.042800	33.53780
##	1756	Mooring	2023-09-12	05:20:27	2023	8.327200	1.055100	33.53730
##	1757	Mooring	2023-09-12	05:30:26	2023	8.326800	1.058900	33.53700
##	1758	Mooring	2023-09-12	05:40:27	2023	8.326700	1.077800	33.53630
##	1759	Mooring	2023-09-12	05:50:26	2023	8.326200	1.090800	33.53600
##	1760	Mooring	2023-09-12	06:00:27	2023	8.324800	1.089300	33.53590
##	1761	Mooring	2023-09-12	06:10:27	2023	8.322700	1.108600	33.53540
##	1762	Mooring	2023-09-12	06:20:26	2023	8.317600	1.144100	33.53360
##	1763	Mooring	2023-09-12	06:30:27	2023	8.311900	1.194100	33.53420
##	1764	Mooring	2023-09-12	06:40:26	2023	8.310900	1.197000	33.53450
##	1765	Mooring	2023-09-12	06:50:27	2023	8.304700	1.237600	33.53380
##	1766	Mooring	2023-09-12	07:00:26	2023	8.303500	1.244900	33.53410
##	1767	Mooring	2023-09-12	07:10:27	2023	8.302000	1.258700	33.53350
##	1768	Mooring	2023-09-12	07:20:26	2023	8.300000	1.284500	33.53310
##	1769	Mooring	2023-09-12	07:30:27	2023	8.294800	1.308900	33.53280
##	1770	Mooring	2023-09-12	07:40:27	2023	8.295500	1.294100	33.53340
##	1771	Mooring	2023-09-12	07:50:26	2023	8.295800	1.286800	33.53360
##	1772	Mooring	2023-09-12	08:00:27	2023	8.289800	1.337800	33.53300
##	1773	Mooring	2023-09-12	08:10:26	2023	8.290900	1.324900	33.53340
##	1774	Mooring	2023-09-12	08:20:27	2023	8.287900	1.350100	33.53290
##	1775	Mooring	2023-09-12	08:30:26	2023	8.295000	1.330100	33.53220
##	1776	Mooring	2023-09-12	08:40:27	2023	8.293300	1.320200	33.53230
##	1777	Mooring	2023-09-12	08:50:26	2023	8.294400	1.329400	33.53180
##	1778	Mooring	2023-09-12	09:00:27	2023	8.296400	1.332400	33.53140
##	1779	Mooring	2023-09-12	09:10:27	2023	8.296900	1.312300	33.53180
##	1780	Mooring	2023-09-12	09:20:26	2023	8.297800	1.318200	33.53160
##	1781	Mooring	2023-09-12	09:30:27	2023	8.300100	1.301900	33.53170
##	1782	Mooring	2023-09-12	09:40:26	2023	8.302700	1.296100	33.53140

## 1783 Mooring	2023-09-12 09:50:27	2023	8.303800	1.285200	33.53120
## 1784 Mooring	2023-09-12 10:00:26	2023	8.305700	1.276400	33.53110
## 1785 Mooring	2023-09-12 10:10:27	2023	8.307100	1.263600	33.53130
## 1786 Mooring	2023-09-12 10:20:26	2023	8.312100	1.255000	33.53050
## 1787 Mooring	2023-09-12 10:30:27	2023	8.313900	1.248800	33.53090
## 1788 Mooring	2023-09-12 10:40:27	2023	8.315800	1.232300	33.53030
## 1789 Mooring	2023-09-12 10:50:26	2023	8.319300	1.216500	33.53000
## 1790 Mooring	2023-09-12 11:00:27	2023	8.324800	1.189000	33.53030
## 1791 Mooring	2023-09-12 11:10:26	2023	8.330900	1.151200	33.53010
## 1792 Mooring	2023-09-12 11:20:27	2023	8.332700	1.125500	33.53070
## 1793 Mooring	2023-09-12 11:30:26	2023	8.337200	1.095500	33.53070
## 1794 Mooring	2023-09-12 11:40:27	2023	8.339100	1.080500	33.53090
## 1795 Mooring	2023-09-12 11:50:26	2023	8.339100	1.075600	33.53130
## 1796 Mooring	2023-09-12 12:00:27	2023	8.343500	1.039700	33.53130
## 1797 Mooring	2023-09-12 12:10:27	2023	8.340100	1.049100	33.53150
## 1798 Mooring	2023-09-12 12:20:26	2023	8.347600	0.982000	33.53260
## 1799 Mooring	2023-09-12 12:30:27	2023	8.350500	0.981100	33.53190
## 1800 Mooring	2023-09-12 12:40:26	2023	8.340500	1.045500	33.53190
## 1801 Mooring	2023-09-12 12:50:27	2023	8.347800	1.055500	33.53030
## 1802 Mooring	2023-09-12 13:00:26	2023	8.349800	1.057700	33.52920
## 1803 Mooring	2023-09-12 13:10:27	2023	8.345600	1.134300	33.52790
## 1804 Mooring	2023-09-12 13:20:26	2023	8.346300	1.134400	33.52730
## 1805 Mooring	2023-09-12 13:30:27	2023	8.345700	1.163300	33.52570
## 1806 Mooring	2023-09-12 13:40:27	2023	8.344000	1.190500	33.52580
## 1807 Mooring	2023-09-12 13:50:26	2023	8.343300	1.193500	33.52550
## 1808 Mooring	2023-09-12 14:00:27	2023	8.343100	1.211600	33.52470
## 1809 Mooring	2023-09-12 14:10:26	2023	8.342900	1.224700	NA
## 1810 Mooring	2023-09-12 14:20:27	2023	8.342000	1.240800	33.52390
## 1811 Mooring	2023-09-12 14:30:26	2023	8.340700	1.261200	33.52350
## 1812 Mooring	2023-09-12 14:40:27	2023	8.340700	1.247600	33.52320
## 1813 Mooring	2023-09-12 14:50:26	2023	8.340100	1.253900	33.52320
## 1814 Mooring	2023-09-12 15:00:27	2023	8.339400	1.266600	33.52230
## 1815 Mooring	2023-09-12 15:10:27	2023	8.337900	1.293500	33.52190
## 1816 Mooring	2023-09-12 15:20:26	2023	8.335800	1.318100	33.52150
## 1817 Mooring	2023-09-12 15:30:27	2023	8.335500	1.303400	33.52210
## 1818 Mooring	2023-09-12 15:40:26	2023	8.336400	1.283900	33.52250
## 1819 Mooring	2023-09-12 15:50:27	2023	8.338200	1.288500	33.52200
## 1820 Mooring	2023-09-12 16:00:26	2023	8.340100	1.305400	33.52090
## 1821 Mooring	2023-09-12 16:10:27	2023	8.340500	1.327300	33.51990
## 1822 Mooring	2023-09-12 16:20:26	2023	8.340700	1.343300	33.51910
## 1823 Mooring	2023-09-12 16:30:27	2023	8.347200	1.349200	33.51720
## 1824 Mooring	2023-09-12 16:40:27	2023	8.347100	1.358900	33.51660
## 1825 Mooring	2023-09-12 16:50:26	2023	8.345500	1.409700	33.51510
## 1826 Mooring	2023-09-12 17:00:27	2023	8.343600	1.424200	33.51490
## 1827 Mooring	2023-09-12 17:10:26	2023	8.343300	1.449500	33.51330
## 1828 Mooring	2023-09-12 17:20:27	2023	8.345700	1.462100	33.51200
## 1829 Mooring	2023-09-12 17:30:26	2023	8.350600	1.457300	33.51060
## 1830 Mooring	2023-09-12 17:40:27	2023	8.354200	1.444100	33.51060
## 1831 Mooring	2023-09-12 17:50:26	2023	8.358500	1.425900	33.51050
## 1832 Mooring	2023-09-12 18:00:27	2023	8.361200	1.399400	33.51070
## 1833 Mooring	2023-09-12 18:10:27	2023	8.365100	1.372100	33.51110
## 1834 Mooring	2023-09-12 18:20:26	2023	8.368500	1.352900	33.51070
## 1835 Mooring	2023-09-12 18:30:27	2023	8.369700	1.348700	33.51090
## 1836 Mooring	2023-09-12 18:40:26	2023	8.371400	1.362100	33.50980

##	1837	Mooring	2023-09-12	18:50:27	2023	8.372500	1.369300	33.50900
##	1838	Mooring	2023-09-12	19:00:26	2023	8.372800	1.398100	33.50740
##	1839	Mooring	2023-09-12	19:10:27	2023	8.373800	1.439600	33.50540
##	1840	Mooring	2023-09-12	19:20:26	2023	8.375300	1.477400	33.50310
##	1841	Mooring	2023-09-12	19:30:27	2023	8.376400	1.490300	33.50180
##	1842	Mooring	2023-09-12	19:40:27	2023	8.379200	1.508600	33.50010
##	1843	Mooring	2023-09-12	19:50:26	2023	8.382400	1.524200	33.49820
##	1844	Mooring	2023-09-12	20:00:27	2023	8.384700	1.532200	33.49730
##	1845	Mooring	2023-09-12	20:10:26	2023	8.390800	1.550400	33.49420
##	1846	Mooring	2023-09-12	20:20:27	2023	8.394000	1.551700	33.49390
##	1847	Mooring	2023-09-12	20:30:26	2023	8.399400	1.551900	33.49170
##	1848	Mooring	2023-09-12	20:40:27	2023	8.404900	1.554700	33.48980
##	1849	Mooring	2023-09-12	20:50:26	2023	8.407400	1.554600	33.48890
##	1850	Mooring	2023-09-12	21:00:27	2023	8.410800	1.560700	33.48710
##	1851	Mooring	2023-09-12	21:10:27	2023	8.415700	1.570900	33.48540
##	1852	Mooring	2023-09-12	21:20:26	2023	8.420700	1.581400	33.48320
##	1853	Mooring	2023-09-12	21:30:27	2023	8.424500	1.581200	33.48190
##	1854	Mooring	2023-09-12	21:40:26	2023	8.424200	1.568900	33.48240
##	1855	Mooring	2023-09-12	21:50:27	2023	8.433000	1.531400	33.48200
##	1856	Mooring	2023-09-12	22:00:26	2023	8.442100	1.449400	33.48500
##	1857	Mooring	2023-09-12	22:10:27	2023	8.446200	1.401600	33.48700
##	1858	Mooring	2023-09-12	22:20:26	2023	8.448700	1.369300	33.48750
##	1859	Mooring	2023-09-12	22:30:27	2023	8.450300	1.357100	33.48770
##	1860	Mooring	2023-09-12	22:40:27	2023	8.453300	1.346000	33.48750
##	1861	Mooring	2023-09-12	22:50:26	2023	8.456700	1.327000	33.48780
##	1862	Mooring	2023-09-12	23:00:27	2023	8.460500	1.313200	33.48770
##	1863	Mooring	2023-09-12	23:10:26	2023	8.460900	1.305200	33.48600
##	1864	Mooring	2023-09-12	23:20:27	2023	8.465800	1.278900	33.48800
##	1865	Mooring	2023-09-12	23:30:26	2023	8.466600	1.269000	33.48850
##	1866	Mooring	2023-09-12	23:40:27	2023	8.470200	1.252100	33.48830
##	1867	Mooring	2023-09-12	23:50:26	2023	8.473000	1.231000	33.48940
##	1868	Mooring	2023-09-13	00:00:27	2023	8.473700	1.214500	33.48980
##	1869	Mooring	2023-09-13	00:10:27	2023	8.480800	1.179800	33.49080
##	1870	Mooring	2023-09-13	00:20:26	2023	8.479600	1.175800	33.49070
##	1871	Mooring	2023-09-13	00:30:27	2023	8.481100	1.158500	33.49100
##	1872	Mooring	2023-09-13	00:40:26	2023	8.485100	1.140800	33.49210
##	1873	Mooring	2023-09-13	00:50:27	2023	8.494000	1.079400	33.49370
##	1874	Mooring	2023-09-13	01:00:26	2023	8.497300	1.057200	33.49470
##	1875	Mooring	2023-09-13	01:10:27	2023	8.494500	1.061200	33.49390
##	1876	Mooring	2023-09-13	01:20:26	2023	8.497100	1.042300	33.49510
##	1877	Mooring	2023-09-13	01:30:27	2023	8.499600	1.030500	33.49570
##	1878	Mooring	2023-09-13	01:40:27	2023	8.509300	0.933800	33.49930
##	1879	Mooring	2023-09-13	01:50:26	2023	8.515800	0.885300	33.50110
##	1880	Mooring	2023-09-13	02:00:27	2023	8.524700	0.822100	33.50370
##	1881	Mooring	2023-09-13	02:10:26	2023	8.525600	0.813900	33.50440
##	1882	Mooring	2023-09-13	02:20:27	2023	8.525000	0.799700	33.50560
##	1883	Mooring	2023-09-13	02:30:26	2023	8.528000	0.780600	33.50580
##	1884	Mooring	2023-09-13	02:40:27	2023	8.527700	0.769500	33.50610
##	1885	Mooring	2023-09-13	02:50:26	2023	8.522100	0.824100	33.50460
##	1886	Mooring	2023-09-13	03:00:27	2023	8.514800	0.894900	33.49970
##	1887	Mooring	2023-09-13	03:10:27	2023	8.519500	0.850900	33.50220
##	1888	Mooring	2023-09-13	03:20:26	2023	8.516500	0.874900	33.50090
##	1889	Mooring	2023-09-13	03:30:27	2023	8.515500	0.884000	33.50040
##	1890	Mooring	2023-09-13	03:40:26	2023	8.510700	0.901700	33.49940

##	1891	Mooring	2023-09-13	03:50:27	2023	8.510300	0.892100	33.50010
##	1892	Mooring	2023-09-13	04:00:26	2023	8.509800	0.896000	33.49950
##	1893	Mooring	2023-09-13	04:10:27	2023	8.509000	0.923200	33.49830
##	1894	Mooring	2023-09-13	04:20:26	2023	8.508400	0.932800	33.49780
##	1895	Mooring	2023-09-13	04:30:27	2023	8.508400	0.944600	33.49650
##	1896	Mooring	2023-09-13	04:40:27	2023	8.508100	0.961400	33.49590
##	1897	Mooring	2023-09-13	04:50:26	2023	8.507800	0.958300	33.49570
##	1898	Mooring	2023-09-13	05:00:27	2023	8.510200	0.958700	33.49500
##	1899	Mooring	2023-09-13	05:10:26	2023	8.509000	0.947200	33.49610
##	1900	Mooring	2023-09-13	05:20:27	2023	8.509000	0.941200	33.49630
##	1901	Mooring	2023-09-13	05:30:26	2023	8.509200	0.931600	33.49090
##	1902	Mooring	2023-09-13	05:40:27	2023	8.509200	0.916200	33.49700
##	1903	Mooring	2023-09-13	05:50:26	2023	8.509900	0.928600	33.49680
##	1904	Mooring	2023-09-13	06:00:27	2023	8.510400	0.933500	33.49610
##	1905	Mooring	2023-09-13	06:10:27	2023	8.510800	0.941100	33.49570
##	1906	Mooring	2023-09-13	06:20:26	2023	8.511700	0.940300	33.49500
##	1907	Mooring	2023-09-13	06:30:27	2023	8.511300	0.935000	33.49540
##	1908	Mooring	2023-09-13	06:40:26	2023	8.511900	0.931900	33.49550
##	1909	Mooring	2023-09-13	06:50:27	2023	8.514100	0.945700	33.49420
##	1910	Mooring	2023-09-13	07:00:26	2023	8.513100	0.929200	33.49480
##	1911	Mooring	2023-09-13	07:10:27	2023	8.514000	0.936100	33.49440
##	1912	Mooring	2023-09-13	07:20:26	2023	8.514600	0.925700	33.49450
##	1913	Mooring	2023-09-13	07:30:27	2023	8.515000	0.923500	33.49470
##	1914	Mooring	2023-09-13	07:40:27	2023	8.515400	0.920000	33.49450
##	1915	Mooring	2023-09-13	07:50:26	2023	8.516200	0.917300	33.49430
##	1916	Mooring	2023-09-13	08:00:27	2023	8.516300	0.909700	33.49500
##	1917	Mooring	2023-09-13	08:10:26	2023	8.516700	0.895900	33.49550
##	1918	Mooring	2023-09-13	08:20:27	2023	8.518600	0.881300	33.49620
##	1919	Mooring	2023-09-13	08:30:26	2023	8.524800	0.882800	33.49570
##	1920	Mooring	2023-09-13	08:40:27	2023	8.523500	0.866300	33.49610
##	1921	Mooring	2023-09-13	08:50:26	2023	8.524100	0.842600	33.49810
##	1922	Mooring	2023-09-13	09:00:27	2023	8.526800	0.818900	33.49870
##	1923	Mooring	2023-09-13	09:10:27	2023	8.532300	0.794300	33.50000
##	1924	Mooring	2023-09-13	09:20:26	2023	8.532200	0.786000	33.50050
##	1925	Mooring	2023-09-13	09:30:27	2023	8.535500	0.758000	33.50140
##	1926	Mooring	2023-09-13	09:40:26	2023	8.540800	0.704800	33.50500
##	1927	Mooring	2023-09-13	09:50:27	2023	8.541400	0.676600	33.50710
##	1928	Mooring	2023-09-13	10:00:26	2023	8.543300	0.679700	33.50660
##	1929	Mooring	2023-09-13	10:10:27	2023	8.543800	0.677000	33.50640
##	1930	Mooring	2023-09-13	10:20:26	2023	8.544400	0.687000	33.50570
##	1931	Mooring	2023-09-13	10:30:27	2023	8.546900	0.696800	33.50410
##	1932	Mooring	2023-09-13	10:40:27	2023	8.553000	0.635800	33.50870
##	1933	Mooring	2023-09-13	10:50:26	2023	8.553600	0.623000	33.50960
##	1934	Mooring	2023-09-13	11:00:27	2023	8.554600	0.616500	33.51000
##	1935	Mooring	2023-09-13	11:10:26	2023	8.557200	0.605000	33.51000
##	1936	Mooring	2023-09-13	11:20:27	2023	8.560600	0.587000	33.51090
##	1937	Mooring	2023-09-13	11:30:26	2023	8.562300	0.576300	33.51120
##	1938	Mooring	2023-09-13	11:40:27	2023	8.565600	0.568300	33.51150
##	1939	Mooring	2023-09-13	11:50:26	2023	8.569800	0.560600	33.51110
##	1940	Mooring	2023-09-13	12:00:27	2023	8.574500	0.555200	33.51070
##	1941	Mooring	2023-09-13	12:10:27	2023	8.581800	0.557100	33.51010
##	1942	Mooring	2023-09-13	12:20:26	2023	8.583200	0.554400	33.50980
##	1943	Mooring	2023-09-13	12:30:27	2023	8.583900	0.552800	33.50980
##	1944	Mooring	2023-09-13	12:40:26	2023	8.581700	0.551000	33.51010

##	1945	Mooring	2023-09-13	12:50:27	2023	8.583700	0.550500	33.50990
##	1946	Mooring	2023-09-13	13:00:26	2023	8.583900	0.546000	33.50970
##	1947	Mooring	2023-09-13	13:10:27	2023	8.588100	0.552400	33.50920
##	1948	Mooring	2023-09-13	13:20:26	2023	8.585100	0.541700	33.50960
##	1949	Mooring	2023-09-13	13:30:27	2023	8.584600	0.545200	33.50950
##	1950	Mooring	2023-09-13	13:40:27	2023	8.583700	0.542900	33.51010
##	1951	Mooring	2023-09-13	13:50:26	2023	8.585900	0.544800	33.50950
##	1952	Mooring	2023-09-13	14:00:27	2023	8.583200	0.539100	33.50960
##	1953	Mooring	2023-09-13	14:10:26	2023	8.580700	0.537600	33.50990
##	1954	Mooring	2023-09-13	14:20:27	2023	8.577800	0.539200	33.51040
##	1955	Mooring	2023-09-13	14:30:26	2023	8.574200	0.536600	33.51070
##	1956	Mooring	2023-09-13	14:40:27	2023	8.573000	0.540400	33.51080
##	1957	Mooring	2023-09-13	14:50:26	2023	8.577500	0.536500	33.51070
##	1958	Mooring	2023-09-13	15:00:27	2023	8.581000	0.536500	33.51020
##	1959	Mooring	2023-09-13	15:10:27	2023	8.590100	0.543300	33.50880
##	1960	Mooring	2023-09-13	15:20:26	2023	8.581800	0.548700	33.50960
##	1961	Mooring	2023-09-13	15:30:27	2023	8.585100	0.542200	33.50970
##	1962	Mooring	2023-09-13	15:40:26	2023	8.580400	0.568600	33.50810
##	1963	Mooring	2023-09-13	15:50:27	2023	8.589700	0.563100	33.50760
##	1964	Mooring	2023-09-13	16:00:26	2023	8.584000	0.667200	33.50140
##	1965	Mooring	2023-09-13	16:10:27	2023	8.595000	0.638400	33.50250
##	1966	Mooring	2023-09-13	16:20:26	2023	8.574700	0.681200	33.50160
##	1967	Mooring	2023-09-13	16:30:27	2023	8.573000	0.677300	33.50130
##	1968	Mooring	2023-09-13	16:40:27	2023	8.571500	0.687700	33.50100
##	1969	Mooring	2023-09-13	16:50:26	2023	8.570400	0.680400	33.50120
##	1970	Mooring	2023-09-13	17:00:27	2023	8.568000	0.697700	33.50030
##	1971	Mooring	2023-09-13	17:10:26	2023	8.566800	0.706800	33.49960
##	1972	Mooring	2023-09-13	17:20:27	2023	8.565500	0.721400	33.49860
##	1973	Mooring	2023-09-13	17:30:26	2023	8.565000	0.734700	33.49820
##	1974	Mooring	2023-09-13	17:40:27	2023	8.564200	0.738500	33.49750
##	1975	Mooring	2023-09-13	17:50:26	2023	8.562700	0.753100	33.49700
##	1976	Mooring	2023-09-13	18:00:27	2023	8.561900	0.758900	33.48930
##	1977	Mooring	2023-09-13	18:10:27	2023	8.560700	0.773400	33.49610
##	1978	Mooring	2023-09-13	18:20:26	2023	8.559800	0.769100	33.49540
##	1979	Mooring	2023-09-13	18:30:27	2023	8.560000	0.763400	33.49580
##	1980	Mooring	2023-09-13	18:40:26	2023	8.559400	0.765700	33.49600
##	1981	Mooring	2023-09-13	18:50:27	2023	8.558600	0.766100	33.49560
##	1982	Mooring	2023-09-13	19:00:26	2023	8.559600	0.755000	33.49570
##	1983	Mooring	2023-09-13	19:10:27	2023	8.558400	0.770400	33.49540
##	1984	Mooring	2023-09-13	19:20:26	2023	8.558100	0.755100	33.49550
##	1985	Mooring	2023-09-13	19:30:27	2023	8.558500	0.761600	33.49550
##	1986	Mooring	2023-09-13	19:40:27	2023	8.558800	0.751200	33.49540
##	1987	Mooring	2023-09-13	19:50:26	2023	8.559700	0.744000	33.49590
##	1988	Mooring	2023-09-13	20:00:27	2023	8.559500	0.733300	33.49610
##	1989	Mooring	2023-09-13	20:10:26	2023	8.557900	0.742200	33.49630
##	1990	Mooring	2023-09-13	20:20:27	2023	8.558700	0.732500	33.49610
##	1991	Mooring	2023-09-13	20:30:26	2023	8.559400	0.730300	33.49630
##	1992	Mooring	2023-09-13	20:40:27	2023	8.559700	0.728000	33.49590
##	1993	Mooring	2023-09-13	20:50:26	2023	8.560300	0.731400	33.49610
##	1994	Mooring	2023-09-13	21:00:27	2023	8.560900	0.742100	33.49600
##	1995	Mooring	2023-09-13	21:10:27	2023	8.563200	0.724400	33.49610
##	1996	Mooring	2023-09-13	21:20:26	2023	8.564500	0.718700	33.49690
##	1997	Mooring	2023-09-13	21:30:27	2023	8.566700	0.706800	33.49720
##	1998	Mooring	2023-09-13	21:40:26	2023	8.567200	0.705300	33.49750

##	1999	Mooring	2023-09-13	21:50:27	2023	8.569200	0.714100	33.49720
##	2000	Mooring	2023-09-13	22:00:26	2023	8.570100	0.709800	33.49730
##	2001	Mooring	2023-09-13	22:10:27	2023	8.572200	0.697500	33.49770
##	2002	Mooring	2023-09-13	22:20:26	2023	8.574200	0.687600	33.49810
##	2003	Mooring	2023-09-13	22:30:27	2023	8.580600	0.662700	33.49930
##	2004	Mooring	2023-09-13	22:40:27	2023	8.584800	0.648200	33.49670
##	2005	Mooring	2023-09-13	22:50:26	2023	8.590100	0.639700	33.49970
##	2006	Mooring	2023-09-13	23:00:27	2023	8.600200	0.621200	33.50040
##	2007	Mooring	2023-09-13	23:10:26	2023	8.602100	0.612800	33.50110
##	2008	Mooring	2023-09-13	23:20:27	2023	8.605500	0.608600	33.50100
##	2009	Mooring	2023-09-13	23:30:26	2023	8.607100	0.602100	33.50130
##	2010	Mooring	2023-09-13	23:40:27	2023	8.606900	0.597900	33.50120
##	2011	Mooring	2023-09-13	23:50:26	2023	8.610400	0.589900	33.50160
##	2012	Mooring	2023-09-14	00:00:27	2023	8.611500	0.580300	33.50140
##	2013	Mooring	2023-09-14	00:10:27	2023	8.616000	0.584500	33.50110
##	2014	Mooring	2023-09-14	00:20:26	2023	8.617500	0.583300	33.50090
##	2015	Mooring	2023-09-14	00:30:27	2023	8.618900	0.578300	33.50060
##	2016	Mooring	2023-09-14	00:40:26	2023	8.623700	0.583200	33.50010
##	2017	Mooring	2023-09-14	00:50:27	2023	8.625400	0.577400	33.50010
##	2018	Mooring	2023-09-14	01:00:26	2023	8.628300	0.581200	33.49970
##	2019	Mooring	2023-09-14	01:10:27	2023	8.630500	0.574700	33.49940
##	2020	Mooring	2023-09-14	01:20:26	2023	8.632900	0.576600	33.49900
##	2021	Mooring	2023-09-14	01:30:27	2023	8.638900	0.585300	33.49790
##	2022	Mooring	2023-09-14	01:40:27	2023	8.638800	0.583700	33.49800
##	2023	Mooring	2023-09-14	01:50:26	2023	8.641500	0.590600	33.49790
##	2024	Mooring	2023-09-14	02:00:27	2023	8.639400	0.579900	33.49790
##	2025	Mooring	2023-09-14	02:10:26	2023	8.639700	0.584500	33.49770
##	2026	Mooring	2023-09-14	02:20:27	2023	8.643600	0.582200	33.49740
##	2027	Mooring	2023-09-14	02:30:26	2023	8.647900	0.580200	33.49730
##	2028	Mooring	2023-09-14	02:40:27	2023	8.651500	0.580200	33.49660
##	2029	Mooring	2023-09-14	02:50:26	2023	8.653500	0.578600	33.49630
##	2030	Mooring	2023-09-14	03:00:27	2023	8.660700	0.568200	33.49580
##	2031	Mooring	2023-09-14	03:10:27	2023	8.664600	0.566700	33.49560
##	2032	Mooring	2023-09-14	03:20:26	2023	8.675800	0.566500	33.49400
##	2033	Mooring	2023-09-14	03:30:27	2023	8.670300	0.566600	33.49460
##	2034	Mooring	2023-09-14	03:40:26	2023	8.666200	0.575800	33.49480
##	2035	Mooring	2023-09-14	03:50:27	2023	8.657100	0.581300	33.49550
##	2036	Mooring	2023-09-14	04:00:26	2023	8.652200	0.589000	33.49620
##	2037	Mooring	2023-09-14	04:10:27	2023	8.648800	0.593200	33.49600
##	2038	Mooring	2023-09-14	04:20:26	2023	8.643500	0.603200	33.49600
##	2039	Mooring	2023-09-14	04:30:27	2023	8.638600	0.609300	33.49620
##	2040	Mooring	2023-09-14	04:40:27	2023	8.634800	0.614000	33.49640
##	2041	Mooring	2023-09-14	04:50:26	2023	8.630300	0.620900	33.49650
##	2042	Mooring	2023-09-14	05:00:27	2023	8.626100	0.631600	33.49660
##	2043	Mooring	2023-09-14	05:10:26	2023	8.618200	0.655800	33.49560
##	2044	Mooring	2023-09-14	05:20:27	2023	8.608300	0.676900	33.49510
##	2045	Mooring	2023-09-14	05:30:26	2023	8.596900	0.691500	33.49490
##	2046	Mooring	2023-09-14	05:40:27	2023	8.588200	0.697400	33.49570
##	2047	Mooring	2023-09-14	05:50:26	2023	8.582000	0.705900	33.49550
##	2048	Mooring	2023-09-14	06:00:27	2023	8.578100	0.710500	33.49500
##	2049	Mooring	2023-09-14	06:10:27	2023	8.574100	0.720100	33.49480
##	2050	Mooring	2023-09-14	06:20:26	2023	8.571400	0.720900	33.49560
##	2051	Mooring	2023-09-14	06:30:27	2023	8.570600	0.720500	33.49540
##	2052	Mooring	2023-09-14	06:40:26	2023	8.567600	0.732100	33.49470

##	2053	Mooring	2023-09-14	06:50:27	2023	8.564800	0.742000	33.49480
##	2054	Mooring	2023-09-14	07:00:26	2023	8.561100	0.762400	33.49390
##	2055	Mooring	2023-09-14	07:10:27	2023	8.561700	0.756200	33.49380
##	2056	Mooring	2023-09-14	07:20:26	2023	8.560300	0.760800	33.49380
##	2057	Mooring	2023-09-14	07:30:27	2023	8.559700	0.768400	33.49360
##	2058	Mooring	2023-09-14	07:40:27	2023	8.558200	0.776900	33.49310
##	2059	Mooring	2023-09-14	07:50:26	2023	8.556400	0.785300	33.49360
##	2060	Mooring	2023-09-14	08:00:27	2023	8.556300	0.781400	33.49370
##	2061	Mooring	2023-09-14	08:10:26	2023	8.556200	0.772600	33.49410
##	2062	Mooring	2023-09-14	08:20:27	2023	8.556100	0.771900	33.49430
##	2063	Mooring	2023-09-14	08:30:26	2023	8.556600	0.762700	33.49440
##	2064	Mooring	2023-09-14	08:40:27	2023	8.556300	0.762700	33.49440
##	2065	Mooring	2023-09-14	08:50:26	2023	8.555400	0.763500	33.49500
##	2066	Mooring	2023-09-14	09:00:27	2023	8.556700	0.758900	33.49500
##	2067	Mooring	2023-09-14	09:10:27	2023	8.558100	0.755000	33.49470
##	2068	Mooring	2023-09-14	09:20:26	2023	8.559700	0.762700	33.49450
##	2069	Mooring	2023-09-14	09:30:27	2023	8.561800	0.766100	33.49410
##	2070	Mooring	2023-09-14	09:40:26	2023	8.562600	0.769500	33.49350
##	2071	Mooring	2023-09-14	09:50:27	2023	8.563500	0.771300	33.49290
##	2072	Mooring	2023-09-14	10:00:26	2023	8.565400	0.796500	33.49140
##	2073	Mooring	2023-09-14	10:10:27	2023	8.565400	0.813700	33.49040
##	2074	Mooring	2023-09-14	10:20:26	2023	8.564700	0.843800	33.48850
##	2075	Mooring	2023-09-14	10:30:27	2023	8.565400	0.889600	33.48620
##	2076	Mooring	2023-09-14	10:40:27	2023	8.563900	0.895600	33.48570
##	2077	Mooring	2023-09-14	10:50:26	2023	8.562500	0.928900	33.48380
##	2078	Mooring	2023-09-14	11:00:27	2023	8.561700	0.947600	33.48310
##	2079	Mooring	2023-09-14	11:10:26	2023	8.561100	0.973100	33.48210
##	2080	Mooring	2023-09-14	11:20:27	2023	8.560900	0.980300	33.48090
##	2081	Mooring	2023-09-14	11:30:26	2023	8.560800	1.002500	33.48020
##	2082	Mooring	2023-09-14	11:40:27	2023	8.561300	1.020300	33.47910
##	2083	Mooring	2023-09-14	11:50:26	2023	8.563900	1.035900	33.47800
##	2084	Mooring	2023-09-14	12:00:27	2023	8.562900	1.040500	33.47750
##	2085	Mooring	2023-09-14	12:10:27	2023	8.564100	1.051500	33.47680
##	2086	Mooring	2023-09-14	12:20:26	2023	8.559900	1.058000	33.47720
##	2087	Mooring	2023-09-14	12:30:27	2023	8.559500	1.084800	33.47590
##	2088	Mooring	2023-09-14	12:40:26	2023	8.557300	1.093500	33.47530
##	2089	Mooring	2023-09-14	12:50:27	2023	8.555400	1.121100	33.47420
##	2090	Mooring	2023-09-14	13:00:26	2023	8.552800	1.144100	33.47270
##	2091	Mooring	2023-09-14	13:10:27	2023	8.549800	1.154800	33.47260
##	2092	Mooring	2023-09-14	13:20:26	2023	8.548100	1.169700	33.47210
##	2093	Mooring	2023-09-14	13:30:27	2023	8.550800	1.188000	33.47110
##	2094	Mooring	2023-09-14	13:40:27	2023	8.550200	1.194800	33.47030
##	2095	Mooring	2023-09-14	13:50:26	2023	8.551700	1.213100	33.46950
##	2096	Mooring	2023-09-14	14:00:27	2023	8.551000	1.219200	33.46910
##	2097	Mooring	2023-09-14	14:10:26	2023	8.548700	1.223100	33.46900
##	2098	Mooring	2023-09-14	14:20:27	2023	8.545300	1.225000	33.46950
##	2099	Mooring	2023-09-14	14:30:26	2023	8.548500	1.227200	33.46920
##	2100	Mooring	2023-09-14	14:40:27	2023	8.554800	1.226700	33.46820
##	2101	Mooring	2023-09-14	14:50:26	2023	8.562500	1.236400	33.46690
##	2102	Mooring	2023-09-14	15:00:27	2023	8.578400	1.253100	33.46510
##	2103	Mooring	2023-09-14	15:10:27	2023	8.586600	1.242100	33.46470
##	2104	Mooring	2023-09-14	15:20:26	2023	8.591600	1.235900	33.46410
##	2105	Mooring	2023-09-14	15:30:27	2023	8.594600	1.228200	33.46390
##	2106	Mooring	2023-09-14	15:40:26	2023	8.605000	1.232200	33.46290

##	2107	Mooring	2023-09-14	15:50:27	2023	8.603300	1.232600	33.46280
##	2108	Mooring	2023-09-14	16:00:26	2023	8.603200	1.238000	33.46240
##	2109	Mooring	2023-09-14	16:10:27	2023	8.604200	1.236000	33.46250
##	2110	Mooring	2023-09-14	16:20:26	2023	8.609000	1.226400	33.46240
##	2111	Mooring	2023-09-14	16:30:27	2023	8.612600	1.227100	33.46170
##	2112	Mooring	2023-09-14	16:40:27	2023	8.609700	1.224100	33.46250
##	2113	Mooring	2023-09-14	16:50:26	2023	8.607100	1.228400	33.46200
##	2114	Mooring	2023-09-14	17:00:27	2023	8.604100	1.231600	33.46180
##	2115	Mooring	2023-09-14	17:10:26	2023	8.602200	1.233900	33.46180
##	2116	Mooring	2023-09-14	17:20:27	2023	8.591600	1.244200	33.46210
##	2117	Mooring	2023-09-14	17:30:26	2023	8.574600	1.261500	33.46380
##	2118	Mooring	2023-09-14	17:40:27	2023	8.560300	1.268700	33.46500
##	2119	Mooring	2023-09-14	17:50:26	2023	8.545600	1.287600	33.46620
##	2120	Mooring	2023-09-14	18:00:27	2023	8.543000	1.305200	33.46580
##	2121	Mooring	2023-09-14	18:10:27	2023	8.542400	1.314400	33.46510
##	2122	Mooring	2023-09-14	18:20:26	2023	8.523000	1.346000	33.46660
##	2123	Mooring	2023-09-14	18:30:27	2023	8.503500	1.369100	33.46900
##	2124	Mooring	2023-09-14	18:40:26	2023	8.490600	1.387100	33.47010
##	2125	Mooring	2023-09-14	18:50:27	2023	8.482400	1.401100	33.47100
##	2126	Mooring	2023-09-14	19:00:26	2023	8.472900	1.415200	33.47210
##	2127	Mooring	2023-09-14	19:10:27	2023	8.469200	1.421000	33.47280
##	2128	Mooring	2023-09-14	19:20:26	2023	8.458400	1.420600	33.47600
##	2129	Mooring	2023-09-14	19:30:27	2023	8.444200	1.429900	33.47940
##	2130	Mooring	2023-09-14	19:40:27	2023	8.417100	1.456100	33.48490
##	2131	Mooring	2023-09-14	19:50:26	2023	8.402500	1.478800	33.48790
##	2132	Mooring	2023-09-14	20:00:27	2023	8.398200	1.491200	33.48890
##	2133	Mooring	2023-09-14	20:10:26	2023	8.386900	1.510100	33.48320
##	2134	Mooring	2023-09-14	20:20:27	2023	8.379000	1.529000	33.49180
##	2135	Mooring	2023-09-14	20:30:26	2023	8.371400	1.550700	33.49280
##	2136	Mooring	2023-09-14	20:40:27	2023	8.374700	1.549800	33.49140
##	2137	Mooring	2023-09-14	20:50:26	2023	8.367000	1.567000	33.49300
##	2138	Mooring	2023-09-14	21:00:27	2023	8.368500	1.572700	33.48730
##	2139	Mooring	2023-09-14	21:10:27	2023	8.370200	1.578300	33.49100
##	2140	Mooring	2023-09-14	21:20:26	2023	8.369500	1.583700	33.49130
##	2141	Mooring	2023-09-14	21:30:27	2023	8.370900	1.590100	33.49070
##	2142	Mooring	2023-09-14	21:40:26	2023	8.372600	1.594300	33.48970
##	2143	Mooring	2023-09-14	21:50:27	2023	8.374200	1.594600	33.48930
##	2144	Mooring	2023-09-14	22:00:26	2023	8.375300	1.610300	33.48810
##	2145	Mooring	2023-09-14	22:10:27	2023	8.375300	1.617500	33.48800
##	2146	Mooring	2023-09-14	22:20:26	2023	8.375100	1.631300	33.48720
##	2147	Mooring	2023-09-14	22:30:27	2023	8.374000	1.630200	33.48760
##	2148	Mooring	2023-09-14	22:40:27	2023	8.372900	1.642500	33.48730
##	2149	Mooring	2023-09-14	22:50:26	2023	8.371200	1.661800	33.48700
##	2150	Mooring	2023-09-14	23:00:27	2023	8.367400	1.669900	33.48810
##	2151	Mooring	2023-09-14	23:10:26	2023	8.366100	1.685700	33.48790
##	2152	Mooring	2023-09-14	23:20:27	2023	8.365100	1.691400	33.48730
##	2153	Mooring	2023-09-14	23:30:26	2023	8.366200	1.707900	33.48670
##	2154	Mooring	2023-09-14	23:40:27	2023	8.367000	1.711200	33.48620
##	2155	Mooring	2023-09-14	23:50:26	2023	8.368800	1.715400	33.48480
##	2156	Mooring	2023-09-15	00:00:27	2023	8.370100	1.728000	33.48430
##	2157	Mooring	2023-09-15	00:10:27	2023	8.370800	1.734000	33.48370
##	2158	Mooring	2023-09-15	00:20:26	2023	8.373600	1.752000	33.48240
##	2159	Mooring	2023-09-15	00:30:27	2023	8.375000	1.763800	33.48120
##	2160	Mooring	2023-09-15	00:40:26	2023	8.378000	1.788200	33.47850

##	2161	Mooring	2023-09-15	00:50:27	2023	8.378500	1.808500	33.47770
##	2162	Mooring	2023-09-15	01:00:26	2023	8.379300	1.820700	33.47630
##	2163	Mooring	2023-09-15	01:10:27	2023	8.381300	1.845900	33.47420
##	2164	Mooring	2023-09-15	01:20:26	2023	8.383000	1.880700	33.47190
##	2165	Mooring	2023-09-15	01:30:27	2023	8.384300	1.896700	33.46960
##	2166	Mooring	2023-09-15	01:40:27	2023	8.387400	1.935000	33.46680
##	2167	Mooring	2023-09-15	01:50:26	2023	8.389100	1.953600	33.46490
##	2168	Mooring	2023-09-15	02:00:27	2023	8.390200	1.973100	33.46290
##	2169	Mooring	2023-09-15	02:10:26	2023	8.390500	1.988000	33.46190
##	2170	Mooring	2023-09-15	02:20:27	2023	8.388800	1.987600	33.46230
##	2171	Mooring	2023-09-15	02:30:26	2023	8.387000	1.988500	33.46310
##	2172	Mooring	2023-09-15	02:40:27	2023	8.384200	1.985900	33.46440
##	2173	Mooring	2023-09-15	02:50:26	2023	8.382500	1.986000	33.46480
##	2174	Mooring	2023-09-15	03:00:27	2023	8.376700	1.959000	33.46770
##	2175	Mooring	2023-09-15	03:10:27	2023	8.369600	1.950200	33.47140
##	2176	Mooring	2023-09-15	03:20:26	2023	8.364300	1.922700	33.47460
##	2177	Mooring	2023-09-15	03:30:27	2023	8.357900	1.898100	33.47790
##	2178	Mooring	2023-09-15	03:40:26	2023	8.351500	1.866900	33.48150
##	2179	Mooring	2023-09-15	03:50:27	2023	8.349300	1.863700	33.48250
##	2180	Mooring	2023-09-15	04:00:26	2023	8.350900	1.882500	33.48120
##	2181	Mooring	2023-09-15	04:10:27	2023	8.337500	1.846800	33.48690
##	2182	Mooring	2023-09-15	04:20:26	2023	8.338500	1.860800	33.48580
##	2183	Mooring	2023-09-15	04:30:27	2023	8.333800	1.848700	33.48750
##	2184	Mooring	2023-09-15	04:40:27	2023	8.330900	1.855800	33.48780
##	2185	Mooring	2023-09-15	04:50:26	2023	8.328100	1.853200	33.48880
##	2186	Mooring	2023-09-15	05:00:27	2023	8.325600	1.848300	33.49000
##	2187	Mooring	2023-09-15	05:10:26	2023	8.326300	1.851800	33.48930
##	2188	Mooring	2023-09-15	05:20:27	2023	8.322000	1.843100	33.49090
##	2189	Mooring	2023-09-15	05:30:26	2023	8.314200	1.830000	33.49420
##	2190	Mooring	2023-09-15	05:40:27	2023	8.302500	1.804000	33.49870
##	2191	Mooring	2023-09-15	05:50:26	2023	8.297800	1.795100	33.50020
##	2192	Mooring	2023-09-15	06:00:27	2023	8.293100	1.781100	33.50220
##	2193	Mooring	2023-09-15	06:10:27	2023	8.289200	1.781600	33.50320
##	2194	Mooring	2023-09-15	06:20:26	2023	8.277800	1.713200	33.50830
##	2195	Mooring	2023-09-15	06:30:27	2023	8.262800	1.660000	33.51450
##	2196	Mooring	2023-09-15	06:40:26	2023	8.257400	1.644300	33.51640
##	2197	Mooring	2023-09-15	06:50:27	2023	8.255800	1.645900	33.51710
##	2198	Mooring	2023-09-15	07:00:26	2023	8.257500	1.658200	33.51640
##	2199	Mooring	2023-09-15	07:10:27	2023	8.257400	1.655500	33.51610
##	2200	Mooring	2023-09-15	07:20:26	2023	8.258100	1.661300	33.51620
##	2201	Mooring	2023-09-15	07:30:27	2023	8.261400	1.681100	33.51450
##	2202	Mooring	2023-09-15	07:40:27	2023	8.262200	1.684900	33.51410
##	2203	Mooring	2023-09-15	07:50:26	2023	8.261100	1.676400	33.51480
##	2204	Mooring	2023-09-15	08:00:27	2023	8.257700	1.658100	33.51650
##	2205	Mooring	2023-09-15	08:10:26	2023	8.257000	1.657400	33.51640
##	2206	Mooring	2023-09-15	08:20:27	2023	8.257500	1.664800	33.51640
##	2207	Mooring	2023-09-15	08:30:26	2023	8.257100	1.662000	33.51670
##	2208	Mooring	2023-09-15	08:40:27	2023	8.259200	1.677000	33.51550
##	2209	Mooring	2023-09-15	08:50:26	2023	8.261300	1.688800	33.51460
##	2210	Mooring	2023-09-15	09:00:27	2023	8.261000	1.683800	33.51450
##	2211	Mooring	2023-09-15	09:10:27	2023	8.261900	1.693000	33.51400
##	2212	Mooring	2023-09-15	09:20:26	2023	8.260800	1.684900	33.51470
##	2213	Mooring	2023-09-15	09:30:27	2023	8.260400	1.686100	33.51500
##	2214	Mooring	2023-09-15	09:40:26	2023	8.260800	1.683700	33.51490

##	2215	Mooring	2023-09-15	09:50:27	2023	8.260700	1.686800	33.51530
##	2216	Mooring	2023-09-15	10:00:26	2023	8.260800	1.691000	33.51530
##	2217	Mooring	2023-09-15	10:10:27	2023	8.260800	1.687500	33.51530
##	2218	Mooring	2023-09-15	10:20:26	2023	8.261300	1.688300	33.51520
##	2219	Mooring	2023-09-15	10:30:27	2023	8.261400	1.690200	33.51520
##	2220	Mooring	2023-09-15	10:40:27	2023	8.260900	1.683200	33.51550
##	2221	Mooring	2023-09-15	10:50:26	2023	8.260000	1.681300	33.51600
##	2222	Mooring	2023-09-15	11:00:27	2023	8.260400	1.680500	33.51560
##	2223	Mooring	2023-09-15	11:10:26	2023	8.259200	1.678600	33.51610
##	2224	Mooring	2023-09-15	11:20:27	2023	8.257400	1.664400	33.51740
##	2225	Mooring	2023-09-15	11:30:26	2023	8.256700	1.657100	33.51840
##	2226	Mooring	2023-09-15	11:40:27	2023	8.258000	1.654400	33.51800
##	2227	Mooring	2023-09-15	11:50:26	2023	8.255600	1.635600	33.51930
##	2228	Mooring	2023-09-15	12:00:27	2023	8.252000	1.608000	33.52130
##	2229	Mooring	2023-09-15	12:10:27	2023	8.252000	1.598400	33.52170
##	2230	Mooring	2023-09-15	12:20:26	2023	8.247100	1.566200	33.52420
##	2231	Mooring	2023-09-15	12:30:27	2023	8.245400	1.549400	33.52520
##	2232	Mooring	2023-09-15	12:40:26	2023	8.244600	1.539100	33.52610
##	2233	Mooring	2023-09-15	12:50:27	2023	8.241100	1.514200	33.52800
##	2234	Mooring	2023-09-15	13:00:26	2023	8.238900	1.497700	33.52930
##	2235	Mooring	2023-09-15	13:10:27	2023	8.233700	1.468300	33.53190
##	2236	Mooring	2023-09-15	13:20:26	2023	8.228700	1.435400	33.53450
##	2237	Mooring	2023-09-15	13:30:27	2023	8.224800	1.405100	33.53700
##	2238	Mooring	2023-09-15	13:40:27	2023	8.219200	1.371400	33.53960
##	2239	Mooring	2023-09-15	13:50:26	2023	8.217000	1.355100	33.54090
##	2240	Mooring	2023-09-15	14:00:27	2023	8.216100	1.348900	33.54170
##	2241	Mooring	2023-09-15	14:10:26	2023	8.216200	1.341600	33.54160
##	2242	Mooring	2023-09-15	14:20:27	2023	8.214300	1.327100	33.54270
##	2243	Mooring	2023-09-15	14:30:26	2023	8.211800	1.308700	33.54400
##	2244	Mooring	2023-09-15	14:40:27	2023	8.210000	1.294100	33.54510
##	2245	Mooring	2023-09-15	14:50:26	2023	8.208600	1.280300	33.54630
##	2246	Mooring	2023-09-15	15:00:27	2023	8.202900	1.249700	33.54900
##	2247	Mooring	2023-09-15	15:10:27	2023	8.202600	1.240500	33.54910
##	2248	Mooring	2023-09-15	15:20:26	2023	8.197800	1.212900	33.55150
##	2249	Mooring	2023-09-15	15:30:27	2023	8.197600	1.208800	33.55170
##	2250	Mooring	2023-09-15	15:40:26	2023	8.193900	1.189600	33.55380
##	2251	Mooring	2023-09-15	15:50:27	2023	8.198800	1.210000	33.55170
##	2252	Mooring	2023-09-15	16:00:26	2023	8.206300	1.247600	33.54850
##	2253	Mooring	2023-09-15	16:10:27	2023	8.207100	1.255500	33.54830
##	2254	Mooring	2023-09-15	16:20:26	2023	8.208700	1.272000	33.54730
##	2255	Mooring	2023-09-15	16:30:27	2023	8.208400	1.270400	33.54750
##	2256	Mooring	2023-09-15	16:40:27	2023	8.208500	1.283600	33.54760
##	2257	Mooring	2023-09-15	16:50:26	2023	8.212100	1.305000	33.54570
##	2258	Mooring	2023-09-15	17:00:27	2023	8.212500	1.311200	33.54570
##	2259	Mooring	2023-09-15	17:10:26	2023	8.202100	1.272900	33.54870
##	2260	Mooring	2023-09-15	17:20:27	2023	8.199300	1.267700	33.55110
##	2261	Mooring	2023-09-15	17:30:26	2023	8.200900	1.276900	33.55020
##	2262	Mooring	2023-09-15	17:40:27	2023	8.204200	1.304600	33.54930
##	2263	Mooring	2023-09-15	17:50:26	2023	8.196100	1.265000	33.55230
##	2264	Mooring	2023-09-15	18:00:27	2023	8.191800	1.250600	33.55440
##	2265	Mooring	2023-09-15	18:10:27	2023	8.190900	1.247600	33.55490
##	2266	Mooring	2023-09-15	18:20:26	2023	8.187000	1.230800	33.55690
##	2267	Mooring	2023-09-15	18:30:27	2023	8.184100	1.216200	33.55830
##	2268	Mooring	2023-09-15	18:40:26	2023	8.180100	1.204500	33.56030

##	2269	Mooring	2023-09-15	18:50:27	2023	8.174800	1.188800	33.56280
##	2270	Mooring	2023-09-15	19:00:26	2023	8.170700	1.181300	33.56420
##	2271	Mooring	2023-09-15	19:10:27	2023	8.169100	1.190200	33.56520
##	2272	Mooring	2023-09-15	19:20:26	2023	8.169000	1.203800	33.56270
##	2273	Mooring	2023-09-15	19:30:27	2023	8.165500	1.189100	33.56650
##	2274	Mooring	2023-09-15	19:40:27	2023	8.161500	1.170000	33.56830
##	2275	Mooring	2023-09-15	19:50:26	2023	8.156700	1.152000	33.57050
##	2276	Mooring	2023-09-15	20:00:27	2023	8.150800	1.136000	33.57340
##	2277	Mooring	2023-09-15	20:10:26	2023	8.147500	1.122600	33.57580
##	2278	Mooring	2023-09-15	20:20:27	2023	8.148400	1.139700	33.57530
##	2279	Mooring	2023-09-15	20:30:26	2023	8.148300	1.168600	33.57550
##	2280	Mooring	2023-09-15	20:40:27	2023	8.146700	1.168500	33.57610
##	2281	Mooring	2023-09-15	20:50:26	2023	8.147900	1.180500	33.57580
##	2282	Mooring	2023-09-15	21:00:27	2023	8.148100	1.204000	33.57570
##	2283	Mooring	2023-09-15	21:10:27	2023	8.149300	1.212300	33.57540
##	2284	Mooring	2023-09-15	21:20:26	2023	8.150700	1.226900	33.57470
##	2285	Mooring	2023-09-15	21:30:27	2023	8.151400	1.233100	33.57470
##	2286	Mooring	2023-09-15	21:40:26	2023	8.154700	1.265800	33.57270
##	2287	Mooring	2023-09-15	21:50:27	2023	8.156600	1.287600	33.57190
##	2288	Mooring	2023-09-15	22:00:26	2023	8.155400	1.285200	33.57250
##	2289	Mooring	2023-09-15	22:10:27	2023	8.161600	1.360800	33.56910
##	2290	Mooring	2023-09-15	22:20:26	2023	8.157100	1.322000	33.57180
##	2291	Mooring	2023-09-15	22:30:27	2023	8.157200	1.344500	33.57140
##	2292	Mooring	2023-09-15	22:40:27	2023	8.153700	1.332500	33.57270
##	2293	Mooring	2023-09-15	22:50:26	2023	8.151400	1.346500	33.57450
##	2294	Mooring	2023-09-15	23:00:27	2023	8.149300	1.358500	33.57550
##	2295	Mooring	2023-09-15	23:10:26	2023	8.149900	1.390500	33.57540
##	2296	Mooring	2023-09-15	23:20:27	2023	8.150800	1.404200	33.57490
##	2297	Mooring	2023-09-15	23:30:26	2023	8.151100	1.425000	33.57460
##	2298	Mooring	2023-09-15	23:40:27	2023	8.152300	1.449200	33.57390
##	2299	Mooring	2023-09-15	23:50:26	2023	8.144800	1.397600	33.57800
##	2300	Mooring	2023-09-16	00:00:27	2023	8.137900	1.353900	33.58170
##	2301	Mooring	2023-09-16	00:10:27	2023	8.135100	1.334400	33.58310
##	2302	Mooring	2023-09-16	00:20:26	2023	8.129900	1.299100	33.58560
##	2303	Mooring	2023-09-16	00:30:27	2023	8.131200	1.304600	33.58490
##	2304	Mooring	2023-09-16	00:40:26	2023	8.133300	1.318800	33.58350
##	2305	Mooring	2023-09-16	00:50:27	2023	8.131100	1.298700	33.58490
##	2306	Mooring	2023-09-16	01:00:26	2023	8.129000	1.279100	33.58610
##	2307	Mooring	2023-09-16	01:10:27	2023	8.125500	1.242900	33.58820
##	2308	Mooring	2023-09-16	01:20:26	2023	8.126000	1.248400	33.58820
##	2309	Mooring	2023-09-16	01:30:27	2023	8.128000	1.261900	33.58690
##	2310	Mooring	2023-09-16	01:40:27	2023	8.128900	1.274600	33.58720
##	2311	Mooring	2023-09-16	01:50:26	2023	8.128300	1.279200	33.58760
##	2312	Mooring	2023-09-16	02:00:27	2023	8.128400	1.288000	33.58790
##	2313	Mooring	2023-09-16	02:10:26	2023	8.132400	1.326500	33.58640
##	2314	Mooring	2023-09-16	02:20:27	2023	8.136700	1.365700	33.58480
##	2315	Mooring	2023-09-16	02:30:26	2023	8.137600	1.378600	33.58490
##	2316	Mooring	2023-09-16	02:40:27	2023	8.137600	1.384300	33.58550
##	2317	Mooring	2023-09-16	02:50:26	2023	8.137200	1.380100	33.58620
##	2318	Mooring	2023-09-16	03:00:27	2023	8.136500	1.378600	33.58670
##	2319	Mooring	2023-09-16	03:10:27	2023	8.136500	1.382100	33.58680
##	2320	Mooring	2023-09-16	03:20:26	2023	8.136300	1.397100	33.58680
##	2321	Mooring	2023-09-16	03:30:27	2023	8.137800	1.414000	33.58570
##	2322	Mooring	2023-09-16	03:40:26	2023	8.137500	1.441800	33.58610

##	2323	Mooring	2023-09-16	03:50:27	2023	8.139200	1.493100	33.58470
##	2324	Mooring	2023-09-16	04:00:26	2023	8.140400	1.532200	33.58400
##	2325	Mooring	2023-09-16	04:10:27	2023	8.140900	1.578800	33.58350
##	2326	Mooring	2023-09-16	04:20:26	2023	8.141900	1.624600	33.58250
##	2327	Mooring	2023-09-16	04:30:27	2023	8.140800	1.651900	33.58280
##	2328	Mooring	2023-09-16	04:40:27	2023	8.140000	1.676200	33.58310
##	2329	Mooring	2023-09-16	04:50:26	2023	8.140100	1.710600	33.58270
##	2330	Mooring	2023-09-16	05:00:27	2023	8.141500	1.731300	33.58180
##	2331	Mooring	2023-09-16	05:10:26	2023	8.140300	1.721600	33.58200
##	2332	Mooring	2023-09-16	05:20:27	2023	8.139100	1.718600	33.58250
##	2333	Mooring	2023-09-16	05:30:26	2023	8.127900	1.668000	33.58860
##	2334	Mooring	2023-09-16	05:40:27	2023	8.126300	1.645900	33.58960
##	2335	Mooring	2023-09-16	05:50:26	2023	8.126100	1.648700	33.58930
##	2336	Mooring	2023-09-16	06:00:27	2023	8.121900	1.628000	33.59220
##	2337	Mooring	2023-09-16	06:10:27	2023	8.119300	1.613500	33.59340
##	2338	Mooring	2023-09-16	06:20:26	2023	8.116200	1.631400	33.59500
##	2339	Mooring	2023-09-16	06:30:27	2023	8.114900	1.651200	33.59550
##	2340	Mooring	2023-09-16	06:40:26	2023	8.113700	1.647300	33.59590
##	2341	Mooring	2023-09-16	06:50:27	2023	8.110800	1.628100	33.59760
##	2342	Mooring	2023-09-16	07:00:26	2023	8.107600	1.604700	33.59970
##	2343	Mooring	2023-09-16	07:10:27	2023	8.106100	1.591300	33.60060
##	2344	Mooring	2023-09-16	07:20:26	2023	8.102500	1.566700	33.60280
##	2345	Mooring	2023-09-16	07:30:27	2023	8.100700	1.558400	33.60390
##	2346	Mooring	2023-09-16	07:40:27	2023	8.100900	1.561100	33.60380
##	2347	Mooring	2023-09-16	07:50:26	2023	8.100500	1.591300	33.60360
##	2348	Mooring	2023-09-16	08:00:27	2023	8.092100	1.562800	33.60870
##	2349	Mooring	2023-09-16	08:10:26	2023	8.092900	1.577600	33.60770
##	2350	Mooring	2023-09-16	08:20:27	2023	8.087600	1.552200	33.61170
##	2351	Mooring	2023-09-16	08:30:26	2023	8.088100	1.570000	33.61110
##	2352	Mooring	2023-09-16	08:40:27	2023	8.090900	1.595900	33.60930
##	2353	Mooring	2023-09-16	08:50:26	2023	8.092600	1.604200	33.60870
##	2354	Mooring	2023-09-16	09:00:27	2023	8.094400	1.613700	33.60780
##	2355	Mooring	2023-09-16	09:10:27	2023	8.099800	1.624700	33.60520
##	2356	Mooring	2023-09-16	09:20:26	2023	8.107300	1.629500	33.60210
##	2357	Mooring	2023-09-16	09:30:27	2023	8.109600	1.632400	33.60140
##	2358	Mooring	2023-09-16	09:40:26	2023	8.118100	1.645700	33.59730
##	2359	Mooring	2023-09-16	09:50:27	2023	8.119800	1.642100	33.59680
##	2360	Mooring	2023-09-16	10:00:26	2023	8.119500	1.634700	33.59730
##	2361	Mooring	2023-09-16	10:10:27	2023	8.125100	1.645000	33.59450
##	2362	Mooring	2023-09-16	10:20:26	2023	8.127100	1.649100	33.59350
##	2363	Mooring	2023-09-16	10:30:27	2023	8.128700	1.654400	33.59280
##	2364	Mooring	2023-09-16	10:40:27	2023	8.135100	1.670000	33.58930
##	2365	Mooring	2023-09-16	10:50:26	2023	8.140100	1.691800	33.58630
##	2366	Mooring	2023-09-16	11:00:27	2023	8.141200	1.686600	33.58620
##	2367	Mooring	2023-09-16	11:10:26	2023	8.141900	1.686200	33.58570
##	2368	Mooring	2023-09-16	11:20:27	2023	8.144200	1.707000	33.58420
##	2369	Mooring	2023-09-16	11:30:26	2023	8.142900	1.689900	33.58520
##	2370	Mooring	2023-09-16	11:40:27	2023	8.143400	1.696500	33.58440
##	2371	Mooring	2023-09-16	11:50:26	2023	8.144200	1.711900	33.58410
##	2372	Mooring	2023-09-16	12:00:27	2023	8.143800	1.699100	33.58380
##	2373	Mooring	2023-09-16	12:10:27	2023	8.143100	1.687500	33.58450
##	2374	Mooring	2023-09-16	12:20:26	2023	8.143200	1.687900	33.58420
##	2375	Mooring	2023-09-16	12:30:27	2023	8.143800	1.689500	33.58390
##	2376	Mooring	2023-09-16	12:40:26	2023	8.142900	1.679400	33.58450

##	2377	Mooring	2023-09-16	12:50:27	2023	8.141700	1.666300	33.58530
##	2378	Mooring	2023-09-16	13:00:26	2023	8.139800	1.646000	33.58640
##	2379	Mooring	2023-09-16	13:10:27	2023	8.138400	1.633300	33.58760
##	2380	Mooring	2023-09-16	13:20:26	2023	8.136900	1.614100	33.58840
##	2381	Mooring	2023-09-16	13:30:27	2023	8.135700	1.601100	33.58910
##	2382	Mooring	2023-09-16	13:40:27	2023	8.134700	1.595300	33.59020
##	2383	Mooring	2023-09-16	13:50:26	2023	8.134200	1.588000	33.59040
##	2384	Mooring	2023-09-16	14:00:27	2023	8.133900	1.587300	33.59080
##	2385	Mooring	2023-09-16	14:10:26	2023	8.133800	1.580300	33.59070
##	2386	Mooring	2023-09-16	14:20:27	2023	8.133400	1.568400	33.59130
##	2387	Mooring	2023-09-16	14:30:26	2023	8.131700	1.548000	33.59240
##	2388	Mooring	2023-09-16	14:40:27	2023	8.131900	1.548000	33.59270
##	2389	Mooring	2023-09-16	14:50:26	2023	8.132300	1.560400	33.59230
##	2390	Mooring	2023-09-16	15:00:27	2023	8.131800	1.559600	33.59290
##	2391	Mooring	2023-09-16	15:10:27	2023	8.130200	1.572000	33.59330
##	2392	Mooring	2023-09-16	15:20:26	2023	8.127700	1.585900	33.59440
##	2393	Mooring	2023-09-16	15:30:27	2023	8.125500	1.594100	33.59510
##	2394	Mooring	2023-09-16	15:40:26	2023	8.123700	1.593300	33.59570
##	2395	Mooring	2023-09-16	15:50:27	2023	8.121900	1.586500	33.59670
##	2396	Mooring	2023-09-16	16:00:26	2023	8.120000	1.586600	33.59730
##	2397	Mooring	2023-09-16	16:10:27	2023	8.118400	1.584300	33.59780
##	2398	Mooring	2023-09-16	16:20:26	2023	8.117400	1.590200	33.59840
##	2399	Mooring	2023-09-16	16:30:27	2023	8.114800	1.585600	33.59900
##	2400	Mooring	2023-09-16	16:40:27	2023	8.112200	1.582700	33.60030
##	2401	Mooring	2023-09-16	16:50:26	2023	8.109600	1.567300	33.60200
##	2402	Mooring	2023-09-16	17:00:27	2023	8.105500	1.528900	33.60400
##	2403	Mooring	2023-09-16	17:10:26	2023	8.101200	1.484300	33.60670
##	2404	Mooring	2023-09-16	17:20:27	2023	8.094900	1.426300	33.61080
##	2405	Mooring	2023-09-16	17:30:26	2023	8.092600	1.411100	33.61210
##	2406	Mooring	2023-09-16	17:40:27	2023	8.089900	1.392700	33.61380
##	2407	Mooring	2023-09-16	17:50:26	2023	8.089700	1.390100	33.61380
##	2408	Mooring	2023-09-16	18:00:27	2023	8.091000	1.404800	33.61290
##	2409	Mooring	2023-09-16	18:10:27	2023	8.089200	1.392800	33.61420
##	2410	Mooring	2023-09-16	18:20:26	2023	8.085800	1.369400	33.61660
##	2411	Mooring	2023-09-16	18:30:27	2023	8.083500	1.360300	33.61820
##	2412	Mooring	2023-09-16	18:40:26	2023	8.084500	1.376500	33.61760
##	2413	Mooring	2023-09-16	18:50:27	2023	8.086000	1.383000	33.61680
##	2414	Mooring	2023-09-16	19:00:26	2023	8.085700	1.387700	33.61640
##	2415	Mooring	2023-09-16	19:10:27	2023	8.073200	1.361700	33.62190
##	2416	Mooring	2023-09-16	19:20:26	2023	8.066600	1.354700	33.62550
##	2417	Mooring	2023-09-16	19:30:27	2023	8.064200	1.324200	33.62690
##	2418	Mooring	2023-09-16	19:40:27	2023	8.054400	1.309100	33.63340
##	2419	Mooring	2023-09-16	19:50:26	2023	8.054700	1.315800	33.63310
##	2420	Mooring	2023-09-16	20:00:27	2023	8.050800	1.313500	33.63540
##	2421	Mooring	2023-09-16	20:10:26	2023	8.047600	1.312400	33.63740
##	2422	Mooring	2023-09-16	20:20:27	2023	8.046400	1.331400	33.63800
##	2423	Mooring	2023-09-16	20:30:26	2023	8.047600	1.358900	33.63730
##	2424	Mooring	2023-09-16	20:40:27	2023	8.047000	1.357200	33.63760
##	2425	Mooring	2023-09-16	20:50:26	2023	8.046300	1.361100	33.63850
##	2426	Mooring	2023-09-16	21:00:27	2023	8.046900	1.404800	33.63790
##	2427	Mooring	2023-09-16	21:10:27	2023	8.047200	1.423600	33.63790
##	2428	Mooring	2023-09-16	21:20:26	2023	8.047600	1.449900	33.63770
##	2429	Mooring	2023-09-16	21:30:27	2023	8.050600	1.450800	33.63560
##	2430	Mooring	2023-09-16	21:40:26	2023	8.050500	1.477200	33.63590

##	2431	Mooring	2023-09-16	21:50:27	2023	8.050300	1.479800	33.63620
##	2432	Mooring	2023-09-16	22:00:26	2023	8.050500	1.472000	33.63610
##	2433	Mooring	2023-09-16	22:10:27	2023	8.053800	1.487100	33.63400
##	2434	Mooring	2023-09-16	22:20:26	2023	8.055700	1.504300	33.63290
##	2435	Mooring	2023-09-16	22:30:27	2023	8.027900	1.467100	33.65240
##	2436	Mooring	2023-09-16	22:40:27	2023	8.053000	1.538200	33.63520
##	2437	Mooring	2023-09-16	22:50:26	2023	8.062200	1.563500	33.62900
##	2438	Mooring	2023-09-16	23:00:27	2023	8.074800	1.635700	33.62070
##	2439	Mooring	2023-09-16	23:10:26	2023	8.078400	1.650000	33.61810
##	2440	Mooring	2023-09-16	23:20:27	2023	8.080000	1.651800	33.61720
##	2441	Mooring	2023-09-16	23:30:26	2023	8.084100	1.676000	33.61480
##	2442	Mooring	2023-09-16	23:40:27	2023	8.082800	1.665600	33.61600
##	2443	Mooring	2023-09-16	23:50:26	2023	8.083200	1.651600	33.61570
##	2444	Mooring	2023-09-17	00:00:27	2023	8.090500	1.658400	33.61210
##	2445	Mooring	2023-09-17	00:10:27	2023	8.097100	1.694800	33.60810
##	2446	Mooring	2023-09-17	00:20:26	2023	8.105200	1.717600	33.60330
##	2447	Mooring	2023-09-17	00:30:27	2023	8.114300	1.764000	33.59730
##	2448	Mooring	2023-09-17	00:40:26	2023	8.118100	1.791900	33.59510
##	2449	Mooring	2023-09-17	00:50:27	2023	8.117900	1.757700	33.59520
##	2450	Mooring	2023-09-17	01:00:26	2023	8.120600	1.761200	33.59350
##	2451	Mooring	2023-09-17	01:10:27	2023	8.120000	1.754200	33.59380
##	2452	Mooring	2023-09-17	01:20:26	2023	8.121600	1.763000	33.59310
##	2453	Mooring	2023-09-17	01:30:27	2023	8.126100	1.791000	33.59010
##	2454	Mooring	2023-09-17	01:40:27	2023	8.127400	1.799400	33.58960
##	2455	Mooring	2023-09-17	01:50:26	2023	8.127400	1.805900	33.58940
##	2456	Mooring	2023-09-17	02:00:27	2023	8.128500	1.812400	33.58900
##	2457	Mooring	2023-09-17	02:10:26	2023	8.127400	1.812100	33.58980
##	2458	Mooring	2023-09-17	02:20:27	2023	8.126100	1.804300	33.59080
##	2459	Mooring	2023-09-17	02:30:26	2023	8.125800	1.803200	33.59140
##	2460	Mooring	2023-09-17	02:40:27	2023	8.125700	1.790100	33.59090
##	2461	Mooring	2023-09-17	02:50:26	2023	8.123100	1.774800	33.59220
##	2462	Mooring	2023-09-17	03:00:27	2023	8.120700	1.762900	33.59380
##	2463	Mooring	2023-09-17	03:10:27	2023	8.117500	1.749900	33.59570
##	2464	Mooring	2023-09-17	03:20:26	2023	8.116500	1.735700	33.59640
##	2465	Mooring	2023-09-17	03:30:27	2023	8.116600	1.742300	33.59590
##	2466	Mooring	2023-09-17	03:40:26	2023	8.117000	1.764700	33.59610
##	2467	Mooring	2023-09-17	03:50:27	2023	8.117000	1.777700	33.59600
##	2468	Mooring	2023-09-17	04:00:26	2023	8.116500	1.787800	33.59620
##	2469	Mooring	2023-09-17	04:10:27	2023	8.116200	1.800900	33.59610
##	2470	Mooring	2023-09-17	04:20:26	2023	8.115700	1.820900	33.59590
##	2471	Mooring	2023-09-17	04:30:27	2023	8.115200	1.830200	33.59600
##	2472	Mooring	2023-09-17	04:40:27	2023	8.096600	1.834400	33.60690
##	2473	Mooring	2023-09-17	04:50:26	2023	8.082200	1.803600	33.61660
##	2474	Mooring	2023-09-17	05:00:27	2023	8.081900	1.801400	33.61670
##	2475	Mooring	2023-09-17	05:10:26	2023	8.072900	1.782400	33.62280
##	2476	Mooring	2023-09-17	05:20:27	2023	8.066400	1.778900	33.62710
##	2477	Mooring	2023-09-17	05:30:26	2023	8.067700	1.776500	33.62630
##	2478	Mooring	2023-09-17	05:40:27	2023	8.060400	1.764800	33.63110
##	2479	Mooring	2023-09-17	05:50:26	2023	8.052800	1.753200	33.63610
##	2480	Mooring	2023-09-17	06:00:27	2023	8.049500	1.732000	33.63820
##	2481	Mooring	2023-09-17	06:10:27	2023	8.038700	1.720500	33.64550
##	2482	Mooring	2023-09-17	06:20:26	2023	8.034000	1.702100	33.64930
##	2483	Mooring	2023-09-17	06:30:27	2023	8.016100	1.688500	33.66070
##	2484	Mooring	2023-09-17	06:40:26	2023	8.012800	1.681700	33.66330

##	2485	Mooring	2023-09-17	06:50:27	2023	8.010600	1.683000	33.66490
##	2486	Mooring	2023-09-17	07:00:26	2023	8.009900	1.698200	33.66460
##	2487	Mooring	2023-09-17	07:10:27	2023	8.010300	1.690800	33.66490
##	2488	Mooring	2023-09-17	07:20:26	2023	8.010900	1.689200	33.66460
##	2489	Mooring	2023-09-17	07:30:27	2023	8.013800	1.683700	33.66270
##	2490	Mooring	2023-09-17	07:40:27	2023	8.013300	1.684600	33.66310
##	2491	Mooring	2023-09-17	07:50:26	2023	8.009200	1.636300	33.66660
##	2492	Mooring	2023-09-17	08:00:27	2023	8.008400	1.622500	33.66710
##	2493	Mooring	2023-09-17	08:10:26	2023	8.002200	1.600300	33.67200
##	2494	Mooring	2023-09-17	08:20:27	2023	7.995500	1.610700	33.67660
##	2495	Mooring	2023-09-17	08:30:26	2023	7.996900	1.609100	33.67550
##	2496	Mooring	2023-09-17	08:40:27	2023	7.995000	1.611900	33.67650
##	2497	Mooring	2023-09-17	08:50:26	2023	7.992000	1.624400	33.67820
##	2498	Mooring	2023-09-17	09:00:27	2023	7.994000	1.623900	33.67700
##	2499	Mooring	2023-09-17	09:10:27	2023	8.000100	1.603100	33.67370
##	2500	Mooring	2023-09-17	09:20:26	2023	7.998300	1.613700	33.67450
##	2501	Mooring	2023-09-17	09:30:27	2023	8.003500	1.612700	33.67130
##	2502	Mooring	2023-09-17	09:40:26	2023	8.004500	1.613500	33.67060
##	2503	Mooring	2023-09-17	09:50:27	2023	8.006700	1.621600	33.66880
##	2504	Mooring	2023-09-17	10:00:26	2023	8.000900	1.631000	33.67290
##	2505	Mooring	2023-09-17	10:10:27	2023	8.010100	1.641900	33.66660
##	2506	Mooring	2023-09-17	10:20:26	2023	8.017300	1.682700	33.66080
##	2507	Mooring	2023-09-17	10:30:27	2023	8.016100	1.672500	33.66210
##	2508	Mooring	2023-09-17	10:40:27	2023	8.016800	1.672500	33.66160
##	2509	Mooring	2023-09-17	10:50:26	2023	8.016800	1.672500	33.66180
##	2510	Mooring	2023-09-17	11:00:27	2023	8.017200	1.670900	33.66150
##	2511	Mooring	2023-09-17	11:10:26	2023	8.022300	1.691300	33.65790
##	2512	Mooring	2023-09-17	11:20:27	2023	8.025700	1.694500	33.65570
##	2513	Mooring	2023-09-17	11:30:26	2023	8.026600	1.690600	33.65510
##	2514	Mooring	2023-09-17	11:40:27	2023	8.027100	1.696800	33.65480
##	2515	Mooring	2023-09-17	11:50:26	2023	8.030500	1.699700	33.65280
##	2516	Mooring	2023-09-17	12:00:27	2023	8.035400	1.706100	33.64910
##	2517	Mooring	2023-09-17	12:10:27	2023	8.039900	1.725700	33.64610
##	2518	Mooring	2023-09-17	12:20:26	2023	8.041600	1.723200	33.64500
##	2519	Mooring	2023-09-17	12:30:27	2023	8.044400	1.721900	33.64330
##	2520	Mooring	2023-09-17	12:40:26	2023	8.041200	1.711900	33.64570
##	2521	Mooring	2023-09-17	12:50:27	2023	8.040700	1.708100	33.64550
##	2522	Mooring	2023-09-17	13:00:26	2023	8.039600	1.706600	33.64660
##	2523	Mooring	2023-09-17	13:10:27	2023	8.039600	1.699600	33.64680
##	2524	Mooring	2023-09-17	13:20:26	2023	8.039900	1.694100	33.64680
##	2525	Mooring	2023-09-17	13:30:27	2023	8.040700	1.693400	33.64600
##	2526	Mooring	2023-09-17	13:40:27	2023	8.039500	1.685300	33.64740
##	2527	Mooring	2023-09-17	13:50:26	2023	8.039800	1.685300	33.64670
##	2528	Mooring	2023-09-17	14:00:27	2023	8.040900	1.680600	33.64670
##	2529	Mooring	2023-09-17	14:10:26	2023	8.042600	1.679000	33.64540
##	2530	Mooring	2023-09-17	14:20:27	2023	8.044300	1.678100	33.64450
##	2531	Mooring	2023-09-17	14:30:26	2023	8.045900	1.677000	33.64330
##	2532	Mooring	2023-09-17	14:40:27	2023	8.049300	1.679600	33.64110
##	2533	Mooring	2023-09-17	14:50:26	2023	8.053200	1.695700	33.63860
##	2534	Mooring	2023-09-17	15:00:27	2023	8.057700	1.696600	33.63550
##	2535	Mooring	2023-09-17	15:10:27	2023	8.059500	1.703000	33.63410
##	2536	Mooring	2023-09-17	15:20:26	2023	8.065200	1.714800	33.63010
##	2537	Mooring	2023-09-17	15:30:27	2023	8.077000	1.732200	33.62280
##	2538	Mooring	2023-09-17	15:40:26	2023	8.079400	1.746400	33.62060

##	2539	Mooring	2023-09-17	15:50:27	2023	8.084300	1.755000	33.61760
##	2540	Mooring	2023-09-17	16:00:26	2023	8.083800	1.746800	33.61800
##	2541	Mooring	2023-09-17	16:10:27	2023	8.087300	1.753800	33.61590
##	2542	Mooring	2023-09-17	16:20:26	2023	8.093000	1.759000	33.61250
##	2543	Mooring	2023-09-17	16:30:27	2023	8.101700	1.776000	33.60720
##	2544	Mooring	2023-09-17	16:40:27	2023	8.099800	1.763600	33.60850
##	2545	Mooring	2023-09-17	16:50:26	2023	8.104500	1.773500	33.60550
##	2546	Mooring	2023-09-17	17:00:27	2023	8.108200	1.774700	33.60340
##	2547	Mooring	2023-09-17	17:10:26	2023	8.109200	1.775300	33.60320
##	2548	Mooring	2023-09-17	17:20:27	2023	8.113000	1.781800	33.59970
##	2549	Mooring	2023-09-17	17:30:26	2023	8.116200	1.775100	33.59920
##	2550	Mooring	2023-09-17	17:40:27	2023	8.118700	1.773900	33.59800
##	2551	Mooring	2023-09-17	17:50:26	2023	8.125200	1.782600	33.59470
##	2552	Mooring	2023-09-17	18:00:27	2023	8.126800	1.779800	33.59400
##	2553	Mooring	2023-09-17	18:10:27	2023	8.127400	1.784400	33.59360
##	2554	Mooring	2023-09-17	18:20:26	2023	8.124300	1.773700	33.59550
##	2555	Mooring	2023-09-17	18:30:27	2023	8.122800	1.769600	33.59620
##	2556	Mooring	2023-09-17	18:40:26	2023	8.120300	1.760400	33.59770
##	2557	Mooring	2023-09-17	18:50:27	2023	8.116800	1.756000	33.59950
##	2558	Mooring	2023-09-17	19:00:26	2023	8.110100	1.750500	33.60350
##	2559	Mooring	2023-09-17	19:10:27	2023	8.101900	1.736900	33.60800
##	2560	Mooring	2023-09-17	19:20:26	2023	8.095800	1.733800	33.61200
##	2561	Mooring	2023-09-17	19:30:27	2023	8.095500	1.731500	33.61190
##	2562	Mooring	2023-09-17	19:40:27	2023	8.093800	1.732700	33.61320
##	2563	Mooring	2023-09-17	19:50:26	2023	8.092100	1.733900	33.61430
##	2564	Mooring	2023-09-17	20:00:27	2023	8.092900	1.742100	33.61420
##	2565	Mooring	2023-09-17	20:10:26	2023	8.094500	1.730400	33.61300
##	2566	Mooring	2023-09-17	20:20:27	2023	8.098700	1.747700	33.61110
##	2567	Mooring	2023-09-17	20:30:26	2023	8.102700	1.743600	33.60900
##	2568	Mooring	2023-09-17	20:40:27	2023	8.115200	1.753600	33.60270
##	2569	Mooring	2023-09-17	20:50:26	2023	8.120600	1.752200	33.60060
##	2570	Mooring	2023-09-17	21:00:27	2023	8.127600	1.750400	33.59880
##	2571	Mooring	2023-09-17	21:10:27	2023	8.133000	1.744000	33.59710
##	2572	Mooring	2023-09-17	21:20:26	2023	8.139400	1.740800	33.59490
##	2573	Mooring	2023-09-17	21:30:27	2023	8.141300	1.734000	33.59500
##	2574	Mooring	2023-09-17	21:40:26	2023	8.144700	1.727000	33.59410
##	2575	Mooring	2023-09-17	21:50:27	2023	8.152300	1.716600	33.59310
##	2576	Mooring	2023-09-17	22:00:26	2023	8.153100	1.712300	33.59170
##	2577	Mooring	2023-09-17	22:10:27	2023	8.159200	1.706300	33.59060
##	2578	Mooring	2023-09-17	22:20:26	2023	8.164500	1.699900	33.58940
##	2579	Mooring	2023-09-17	22:30:27	2023	8.170000	1.692900	33.58830
##	2580	Mooring	2023-09-17	22:40:27	2023	8.180100	1.679700	33.58590
##	2581	Mooring	2023-09-17	22:50:26	2023	8.189400	1.670100	33.58450
##	2582	Mooring	2023-09-17	23:00:27	2023	8.194900	1.660200	33.58350
##	2583	Mooring	2023-09-17	23:10:26	2023	8.208000	1.644300	33.57840
##	2584	Mooring	2023-09-17	23:20:27	2023	8.224200	1.641500	33.57890
##	2585	Mooring	2023-09-17	23:30:26	2023	8.234100	1.634500	33.57600
##	2586	Mooring	2023-09-17	23:40:27	2023	8.247300	1.630600	33.57310
##	2587	Mooring	2023-09-17	23:50:26	2023	8.258900	1.627000	33.57110
##	2588	Mooring	2023-09-18	00:00:27	2023	8.267700	1.626200	33.56950
##	2589	Mooring	2023-09-18	00:10:27	2023	8.276300	1.622800	33.56720
##	2590	Mooring	2023-09-18	00:20:26	2023	8.282100	1.623800	33.56600
##	2591	Mooring	2023-09-18	00:30:27	2023	8.291700	1.628400	33.56350
##	2592	Mooring	2023-09-18	00:40:26	2023	8.294600	1.631700	33.56130

##	2593	Mooring	2023-09-18	00:50:27	2023	8.293000	1.632500	33.56080
##	2594	Mooring	2023-09-18	01:00:26	2023	8.291000	1.636400	33.56010
##	2595	Mooring	2023-09-18	01:10:27	2023	8.288200	1.631100	33.56030
##	2596	Mooring	2023-09-18	01:20:26	2023	8.285400	1.632000	33.56080
##	2597	Mooring	2023-09-18	01:30:27	2023	8.282100	1.631300	33.56040
##	2598	Mooring	2023-09-18	01:40:27	2023	8.280500	1.638800	33.56020
##	2599	Mooring	2023-09-18	01:50:26	2023	8.278600	1.643400	33.56000
##	2600	Mooring	2023-09-18	02:00:27	2023	8.275600	1.644200	33.56050
##	2601	Mooring	2023-09-18	02:10:26	2023	8.272300	1.636600	33.56110
##	2602	Mooring	2023-09-18	02:20:27	2023	8.268800	1.641800	33.56130
##	2603	Mooring	2023-09-18	02:30:26	2023	8.263800	1.648500	33.56180
##	2604	Mooring	2023-09-18	02:40:27	2023	8.260200	1.653600	33.56220
##	2605	Mooring	2023-09-18	02:50:26	2023	8.254800	1.660400	33.56270
##	2606	Mooring	2023-09-18	03:00:27	2023	8.251400	1.661700	33.56260
##	2607	Mooring	2023-09-18	03:10:27	2023	8.246500	1.666100	33.56360
##	2608	Mooring	2023-09-18	03:20:26	2023	8.244400	1.665400	33.56420
##	2609	Mooring	2023-09-18	03:30:27	2023	8.242900	1.664200	33.56390
##	2610	Mooring	2023-09-18	03:40:26	2023	8.242100	1.663200	33.56340
##	2611	Mooring	2023-09-18	03:50:27	2023	8.242800	1.670400	33.56230
##	2612	Mooring	2023-09-18	04:00:26	2023	8.243200	1.669600	33.56170
##	2613	Mooring	2023-09-18	04:10:27	2023	8.243400	1.673100	33.56140
##	2614	Mooring	2023-09-18	04:20:26	2023	8.243300	1.672400	33.56120
##	2615	Mooring	2023-09-18	04:30:27	2023	8.243300	1.675800	33.56050
##	2616	Mooring	2023-09-18	04:40:27	2023	8.243200	1.681600	33.56010
##	2617	Mooring	2023-09-18	04:50:26	2023	8.243400	1.684300	33.55960
##	2618	Mooring	2023-09-18	05:00:27	2023	8.242900	1.684700	33.55930
##	2619	Mooring	2023-09-18	05:10:26	2023	8.242000	1.687500	33.55900
##	2620	Mooring	2023-09-18	05:20:27	2023	8.241100	1.689100	33.55840
##	2621	Mooring	2023-09-18	05:30:26	2023	8.240100	1.694500	33.55880
##	2622	Mooring	2023-09-18	05:40:27	2023	8.240100	1.696100	33.55890
##	2623	Mooring	2023-09-18	05:50:26	2023	8.239400	1.695600	33.55890
##	2624	Mooring	2023-09-18	06:00:27	2023	8.239400	1.699300	33.55850
##	2625	Mooring	2023-09-18	06:10:27	2023	8.240500	1.700700	33.55810
##	2626	Mooring	2023-09-18	06:20:26	2023	8.241400	1.699900	33.55760
##	2627	Mooring	2023-09-18	06:30:27	2023	8.241800	1.696800	33.55720
##	2628	Mooring	2023-09-18	06:40:26	2023	8.236700	1.686700	33.55900
##	2629	Mooring	2023-09-18	06:50:27	2023	8.232900	1.678800	33.56070
##	2630	Mooring	2023-09-18	07:00:26	2023	8.227400	1.670100	33.56270
##	2631	Mooring	2023-09-18	07:10:27	2023	8.225200	1.663700	33.56320
##	2632	Mooring	2023-09-18	07:20:26	2023	8.222000	1.660400	33.56520
##	2633	Mooring	2023-09-18	07:30:27	2023	8.215300	1.648700	33.56760
##	2634	Mooring	2023-09-18	07:40:27	2023	8.213900	1.640000	33.56770
##	2635	Mooring	2023-09-18	07:50:26	2023	8.209200	1.631300	33.56950
##	2636	Mooring	2023-09-18	08:00:27	2023	8.205600	1.623800	33.57130
##	2637	Mooring	2023-09-18	08:10:26	2023	8.202700	1.615800	33.57210
##	2638	Mooring	2023-09-18	08:20:27	2023	8.200500	1.609800	33.57320
##	2639	Mooring	2023-09-18	08:30:26	2023	8.199100	1.605600	33.57330
##	2640	Mooring	2023-09-18	08:40:27	2023	8.198800	1.603000	33.57330
##	2641	Mooring	2023-09-18	08:50:26	2023	8.197900	1.601800	33.57340
##	2642	Mooring	2023-09-18	09:00:27	2023	8.198000	1.598000	33.57330
##	2643	Mooring	2023-09-18	09:10:27	2023	8.198200	1.595300	33.57350
##	2644	Mooring	2023-09-18	09:20:26	2023	8.199000	1.591500	33.57320
##	2645	Mooring	2023-09-18	09:30:27	2023	8.199300	1.594800	33.57340
##	2646	Mooring	2023-09-18	09:40:26	2023	8.200100	1.595200	33.57340

##	2647	Mooring	2023-09-18	09:50:27	2023	8.200800	1.594100	33.57300
##	2648	Mooring	2023-09-18	10:00:26	2023	8.202400	1.597500	33.57180
##	2649	Mooring	2023-09-18	10:10:27	2023	8.202400	1.597800	33.57170
##	2650	Mooring	2023-09-18	10:20:26	2023	8.203400	1.597400	33.57120
##	2651	Mooring	2023-09-18	10:30:27	2023	8.203900	1.604700	33.57080
##	2652	Mooring	2023-09-18	10:40:27	2023	8.204900	1.607400	33.57010
##	2653	Mooring	2023-09-18	10:50:26	2023	8.205500	1.613900	33.56930
##	2654	Mooring	2023-09-18	11:00:27	2023	8.206200	1.621200	33.56850
##	2655	Mooring	2023-09-18	11:10:26	2023	8.207700	1.629200	33.56760
##	2656	Mooring	2023-09-18	11:20:27	2023	8.208600	1.634500	33.56670
##	2657	Mooring	2023-09-18	11:30:26	2023	8.210200	1.644500	33.56580
##	2658	Mooring	2023-09-18	11:40:27	2023	8.211800	1.651400	33.56480
##	2659	Mooring	2023-09-18	11:50:26	2023	8.213700	1.660800	33.56370
##	2660	Mooring	2023-09-18	12:00:27	2023	8.214300	1.663500	33.56360
##	2661	Mooring	2023-09-18	12:10:27	2023	8.215900	1.673000	33.56210
##	2662	Mooring	2023-09-18	12:20:26	2023	8.216700	1.683800	33.56110
##	2663	Mooring	2023-09-18	12:30:27	2023	8.218100	1.685600	33.56070
##	2664	Mooring	2023-09-18	12:40:26	2023	8.219700	1.694300	33.55970
##	2665	Mooring	2023-09-18	12:50:27	2023	8.220100	1.701600	33.55930
##	2666	Mooring	2023-09-18	13:00:26	2023	8.221100	1.702600	33.55880
##	2667	Mooring	2023-09-18	13:10:27	2023	8.222500	1.712300	33.55770
##	2668	Mooring	2023-09-18	13:20:26	2023	8.222900	1.713300	33.55730
##	2669	Mooring	2023-09-18	13:30:27	2023	8.224000	1.713600	33.55680
##	2670	Mooring	2023-09-18	13:40:27	2023	8.224900	1.720600	33.55570
##	2671	Mooring	2023-09-18	13:50:26	2023	8.227300	1.730500	33.55510
##	2672	Mooring	2023-09-18	14:00:27	2023	8.228900	1.742300	33.55430
##	2673	Mooring	2023-09-18	14:10:26	2023	8.230100	1.749200	33.55340
##	2674	Mooring	2023-09-18	14:20:27	2023	8.230200	1.747900	33.55330
##	2675	Mooring	2023-09-18	14:30:26	2023	8.232900	1.757400	33.55160
##	2676	Mooring	2023-09-18	14:40:27	2023	8.234700	1.771600	33.55060
##	2677	Mooring	2023-09-18	14:50:26	2023	8.237700	1.761700	33.54940
##	2678	Mooring	2023-09-18	15:00:27	2023	8.239200	1.788800	33.54860
##	2679	Mooring	2023-09-18	15:10:27	2023	8.239600	1.787600	33.54770
##	2680	Mooring	2023-09-18	15:20:26	2023	8.241600	1.787800	33.54730
##	2681	Mooring	2023-09-18	15:30:27	2023	8.242900	1.797800	33.54650
##	2682	Mooring	2023-09-18	15:40:26	2023	8.243700	1.800000	33.54600
##	2683	Mooring	2023-09-18	15:50:27	2023	8.244200	1.796500	33.54100
##	2684	Mooring	2023-09-18	16:00:26	2023	8.244200	1.801200	33.54360
##	2685	Mooring	2023-09-18	16:10:27	2023	8.244200	1.804400	33.53970
##	2686	Mooring	2023-09-18	16:20:26	2023	8.244500	1.814700	33.54440
##	2687	Mooring	2023-09-18	16:30:27	2023	8.244000	1.828600	33.54410
##	2688	Mooring	2023-09-18	16:40:27	2023	8.243600	1.828600	33.54390
##	2689	Mooring	2023-09-18	16:50:26	2023	8.242900	1.829400	NA
##	2690	Mooring	2023-09-18	17:00:27	2023	8.242000	1.825400	33.53820
##	2691	Mooring	2023-09-18	17:10:26	2023	8.241400	1.863700	33.54040
##	2692	Mooring	2023-09-18	17:20:27	2023	8.240900	1.858400	33.53370
##	2693	Mooring	2023-09-18	17:30:26	2023	8.238200	1.899900	33.54160
##	2694	Mooring	2023-09-18	17:40:27	2023	8.236900	1.893000	33.53980
##	2695	Mooring	2023-09-18	17:50:26	2023	8.236100	1.888300	33.53980
##	2696	Mooring	2023-09-18	18:00:27	2023	8.234500	1.920900	33.53940
##	2697	Mooring	2023-09-18	18:10:27	2023	8.233600	1.947300	33.53430
##	2698	Mooring	2023-09-18	18:20:26	2023	8.231600	1.934300	33.53570
##	2699	Mooring	2023-09-18	18:30:27	2023	8.228700	1.976700	33.53780
##	2700	Mooring	2023-09-18	18:40:26	2023	8.225500	2.025400	33.53650

##	2701	Mooring	2023-09-18	18:50:27	2023	8.223200	2.036200	33.53680
##	2702	Mooring	2023-09-18	19:00:26	2023	8.222000	2.054600	33.53620
##	2703	Mooring	2023-09-18	19:10:27	2023	8.219800	2.074800	33.53580
##	2704	Mooring	2023-09-18	19:20:26	2023	8.217300	2.106500	33.53590
##	2705	Mooring	2023-09-18	19:30:27	2023	8.215100	2.131200	33.53400
##	2706	Mooring	2023-09-18	19:40:27	2023	8.211400	2.170800	33.53530
##	2707	Mooring	2023-09-18	19:50:26	2023	8.210600	2.196900	33.53470
##	2708	Mooring	2023-09-18	20:00:27	2023	8.208200	2.237400	33.53420
##	2709	Mooring	2023-09-18	20:10:26	2023	8.207400	2.256700	33.53410
##	2710	Mooring	2023-09-18	20:20:27	2023	8.206200	2.272600	33.53360
##	2711	Mooring	2023-09-18	20:30:26	2023	8.205200	2.276700	33.53370
##	2712	Mooring	2023-09-18	20:40:27	2023	8.204000	2.286000	33.52920
##	2713	Mooring	2023-09-18	20:50:26	2023	8.202700	2.323700	33.53350
##	2714	Mooring	2023-09-18	21:00:27	2023	8.202300	2.340600	33.53310
##	2715	Mooring	2023-09-18	21:10:27	2023	8.201900	2.354000	33.53270
##	2716	Mooring	2023-09-18	21:20:26	2023	8.200900	2.350000	33.53360
##	2717	Mooring	2023-09-18	21:30:27	2023	8.200200	2.353100	33.53370
##	2718	Mooring	2023-09-18	21:40:26	2023	8.200100	2.376400	33.53320
##	2719	Mooring	2023-09-18	21:50:27	2023	8.199800	2.413500	33.53330
##	2720	Mooring	2023-09-18	22:00:26	2023	8.200200	2.401000	33.53290
##	2721	Mooring	2023-09-18	22:10:27	2023	8.199400	2.411700	33.53330
##	2722	Mooring	2023-09-18	22:20:26	2023	8.199800	2.403000	33.53270
##	2723	Mooring	2023-09-18	22:30:27	2023	8.199000	2.403700	33.53300
##	2724	Mooring	2023-09-18	22:40:27	2023	8.198000	2.400700	33.53380
##	2725	Mooring	2023-09-18	22:50:26	2023	8.199000	2.398400	33.53200
##	2726	Mooring	2023-09-18	23:00:27	2023	8.197500	2.389000	33.53330
##	2727	Mooring	2023-09-18	23:10:26	2023	8.197600	2.399300	33.53430
##	2728	Mooring	2023-09-18	23:20:27	2023	8.197300	2.397200	33.53400
##	2729	Mooring	2023-09-18	23:30:26	2023	8.197300	2.401800	33.53350
##	2730	Mooring	2023-09-18	23:40:27	2023	8.197300	2.386700	33.53260
##	2731	Mooring	2023-09-18	23:50:26	2023	8.197300	2.398000	33.53250
##	2732	Mooring	2023-09-19	00:00:27	2023	8.196500	2.400600	33.53420
##	2733	Mooring	2023-09-19	00:10:27	2023	8.197000	2.399100	33.53430
##	2734	Mooring	2023-09-19	00:20:26	2023	8.198500	2.388400	33.53240
##	2735	Mooring	2023-09-19	00:30:27	2023	8.198600	2.396100	33.53320
##	2736	Mooring	2023-09-19	00:40:26	2023	8.199000	2.402800	33.53320
##	2737	Mooring	2023-09-19	00:50:27	2023	8.199100	2.408200	33.53320
##	2738	Mooring	2023-09-19	01:00:26	2023	8.199700	2.409200	33.52790
##	2739	Mooring	2023-09-19	01:10:27	2023	8.200200	2.409200	33.53250
##	2740	Mooring	2023-09-19	01:20:26	2023	8.200700	2.405400	33.53260
##	2741	Mooring	2023-09-19	01:30:27	2023	8.201400	2.402000	33.53100
##	2742	Mooring	2023-09-19	01:40:27	2023	8.202000	2.413600	33.53210
##	2743	Mooring	2023-09-19	01:50:26	2023	8.202300	2.414700	33.52840
##	2744	Mooring	2023-09-19	02:00:27	2023	8.202600	2.414600	33.53100
##	2745	Mooring	2023-09-19	02:10:26	2023	8.203200	2.393700	33.52820
##	2746	Mooring	2023-09-19	02:20:27	2023	8.204000	2.404600	33.52450
##	2747	Mooring	2023-09-19	02:30:26	2023	8.204300	2.413100	33.52890
##	2748	Mooring	2023-09-19	02:40:27	2023	8.204900	2.402000	33.53000
##	2749	Mooring	2023-09-19	02:50:26	2023	8.205600	2.415900	33.52960
##	2750	Mooring	2023-09-19	03:00:27	2023	8.205500	2.421000	33.52990
##	2751	Mooring	2023-09-19	03:10:27	2023	8.206400	2.434700	NA
##	2752	Mooring	2023-09-19	03:20:26	2023	8.206600	2.428600	33.52950
##	2753	Mooring	2023-09-19	03:30:27	2023	8.207000	2.441200	33.52910
##	2754	Mooring	2023-09-19	03:40:26	2023	8.205500	2.403700	33.53080

##	2755	Mooring	2023-09-19	03:50:27	2023	8.206200	2.409300	33.53040
##	2756	Mooring	2023-09-19	04:00:26	2023	8.207000	2.408900	33.52950
##	2757	Mooring	2023-09-19	04:10:27	2023	8.207600	2.400400	33.52840
##	2758	Mooring	2023-09-19	04:20:26	2023	8.207700	2.394300	33.52830
##	2759	Mooring	2023-09-19	04:30:27	2023	8.207700	2.394700	33.52660
##	2760	Mooring	2023-09-19	04:40:27	2023	8.208700	2.402600	33.52820
##	2761	Mooring	2023-09-19	04:50:26	2023	8.207900	2.394100	33.52790
##	2762	Mooring	2023-09-19	05:00:27	2023	8.205700	2.382800	NA
##	2763	Mooring	2023-09-19	05:10:26	2023	8.205600	2.380500	33.52620
##	2764	Mooring	2023-09-19	05:20:27	2023	8.204500	2.381500	33.52850
##	2765	Mooring	2023-09-19	05:30:26	2023	8.203900	2.390700	33.51820
##	2766	Mooring	2023-09-19	05:40:27	2023	8.204000	2.389800	33.52510
##	2767	Mooring	2023-09-19	05:50:26	2023	8.203700	2.374600	33.52970
##	2768	Mooring	2023-09-19	06:00:27	2023	8.204000	2.386800	33.52950
##	2769	Mooring	2023-09-19	06:10:27	2023	8.204800	2.382900	33.52890
##	2770	Mooring	2023-09-19	06:20:26	2023	8.205200	2.370400	33.52850
##	2771	Mooring	2023-09-19	06:30:27	2023	8.206100	2.363700	33.52900
##	2772	Mooring	2023-09-19	06:40:26	2023	8.206200	2.356900	33.52900
##	2773	Mooring	2023-09-19	06:50:27	2023	8.206200	2.343600	33.52840
##	2774	Mooring	2023-09-19	07:00:26	2023	8.205500	2.337300	33.52960
##	2775	Mooring	2023-09-19	07:10:27	2023	8.205400	2.319700	33.52650
##	2776	Mooring	2023-09-19	07:20:26	2023	8.205600	2.313300	33.51590
##	2777	Mooring	2023-09-19	07:30:27	2023	8.205200	2.319000	33.52870
##	2778	Mooring	2023-09-19	07:40:27	2023	8.205200	2.306100	33.52910
##	2779	Mooring	2023-09-19	07:50:26	2023	8.205200	2.307800	33.52960
##	2780	Mooring	2023-09-19	08:00:27	2023	8.205100	2.293200	33.53030
##	2781	Mooring	2023-09-19	08:10:26	2023	8.205500	2.282600	33.53010
##	2782	Mooring	2023-09-19	08:20:27	2023	8.205800	2.274600	33.52850
##	2783	Mooring	2023-09-19	08:30:26	2023	8.206000	2.269200	33.52990
##	2784	Mooring	2023-09-19	08:40:27	2023	8.206200	2.260100	33.53020
##	2785	Mooring	2023-09-19	08:50:26	2023	8.206700	2.248300	33.52490
##	2786	Mooring	2023-09-19	09:00:27	2023	8.206800	2.244200	33.52910
##	2787	Mooring	2023-09-19	09:10:27	2023	8.206900	2.235300	33.53010
##	2788	Mooring	2023-09-19	09:20:26	2023	8.207500	2.228600	33.52980
##	2789	Mooring	2023-09-19	09:30:27	2023	8.207700	2.225800	33.52830
##	2790	Mooring	2023-09-19	09:40:26	2023	8.208300	2.218500	33.52060
##	2791	Mooring	2023-09-19	09:50:27	2023	8.208400	2.218100	33.52810
##	2792	Mooring	2023-09-19	10:00:26	2023	8.209100	2.214700	33.52950
##	2793	Mooring	2023-09-19	10:10:27	2023	8.209300	2.210000	33.52940
##	2794	Mooring	2023-09-19	10:20:26	2023	8.210000	2.207400	33.52960
##	2795	Mooring	2023-09-19	10:30:27	2023	8.209900	2.189100	33.52760
##	2796	Mooring	2023-09-19	10:40:27	2023	8.210600	2.205900	33.52730
##	2797	Mooring	2023-09-19	10:50:26	2023	8.211100	2.205000	33.52720
##	2798	Mooring	2023-09-19	11:00:27	2023	8.211400	2.207500	33.52870
##	2799	Mooring	2023-09-19	11:10:26	2023	8.212100	2.203600	33.52720
##	2800	Mooring	2023-09-19	11:20:27	2023	8.212600	2.201100	33.52760
##	2801	Mooring	2023-09-19	11:30:26	2023	8.213000	2.201400	33.52500
##	2802	Mooring	2023-09-19	11:40:27	2023	8.213700	2.211900	33.52720
##	2803	Mooring	2023-09-19	11:50:26	2023	8.214300	2.206400	33.52700
##	2804	Mooring	2023-09-19	12:00:27	2023	8.214900	2.206300	33.52640
##	2805	Mooring	2023-09-19	12:10:27	2023	8.215800	2.214600	33.52650
##	2806	Mooring	2023-09-19	12:20:26	2023	8.216400	2.221700	33.52610
##	2807	Mooring	2023-09-19	12:30:27	2023	8.216400	2.225100	33.52640
##	2808	Mooring	2023-09-19	12:40:26	2023	8.216700	2.213800	33.52540

##	2809	Mooring	2023-09-19	12:50:27	2023	8.217700	2.219200	33.52560
##	2810	Mooring	2023-09-19	13:00:26	2023	8.218100	2.224700	33.52480
##	2811	Mooring	2023-09-19	13:10:27	2023	8.218300	2.224600	33.52460
##	2812	Mooring	2023-09-19	13:20:26	2023	8.218400	2.239600	33.52490
##	2813	Mooring	2023-09-19	13:30:27	2023	8.218700	2.239100	33.52410
##	2814	Mooring	2023-09-19	13:40:27	2023	8.219400	2.247200	33.52490
##	2815	Mooring	2023-09-19	13:50:26	2023	8.219500	2.230500	33.52440
##	2816	Mooring	2023-09-19	14:00:27	2023	8.219800	2.240200	33.52320
##	2817	Mooring	2023-09-19	14:10:26	2023	8.219900	2.245800	33.51950
##	2818	Mooring	2023-09-19	14:20:27	2023	8.220500	2.256700	33.52290
##	2819	Mooring	2023-09-19	14:30:26	2023	8.220200	2.249800	33.52380
##	2820	Mooring	2023-09-19	14:40:27	2023	8.220500	2.257200	33.52400
##	2821	Mooring	2023-09-19	14:50:26	2023	8.220400	2.255400	33.52450
##	2822	Mooring	2023-09-19	15:00:27	2023	8.220600	2.239400	33.52400
##	2823	Mooring	2023-09-19	15:10:27	2023	8.220400	2.235000	33.52310
##	2824	Mooring	2023-09-19	15:20:26	2023	8.220600	2.238900	33.52430
##	2825	Mooring	2023-09-19	15:30:27	2023	8.220900	2.258100	33.52370
##	2826	Mooring	2023-09-19	15:40:26	2023	8.220800	2.248500	33.52400
##	2827	Mooring	2023-09-19	15:50:27	2023	8.221300	2.225000	33.51520
##	2828	Mooring	2023-09-19	16:00:26	2023	8.221500	2.219800	33.52370
##	2829	Mooring	2023-09-19	16:10:27	2023	8.221600	2.217000	33.52240
##	2830	Mooring	2023-09-19	16:20:26	2023	8.221800	2.221000	33.52360
##	2831	Mooring	2023-09-19	16:30:27	2023	8.222300	2.210800	33.51970
##	2832	Mooring	2023-09-19	16:40:27	2023	8.222300	2.207200	33.52000
##	2833	Mooring	2023-09-19	16:50:26	2023	8.222800	2.211000	33.52250
##	2834	Mooring	2023-09-19	17:00:27	2023	8.223100	2.216000	33.52260
##	2835	Mooring	2023-09-19	17:10:26	2023	8.223400	2.205200	33.52230
##	2836	Mooring	2023-09-19	17:20:27	2023	8.224000	2.200200	33.52180
##	2837	Mooring	2023-09-19	17:30:26	2023	8.224200	2.194400	33.52190
##	2838	Mooring	2023-09-19	17:40:27	2023	8.224200	2.181800	33.52150
##	2839	Mooring	2023-09-19	17:50:26	2023	8.224500	2.188300	33.52010
##	2840	Mooring	2023-09-19	18:00:27	2023	8.225300	2.191000	33.52190
##	2841	Mooring	2023-09-19	18:10:27	2023	8.225200	2.195600	33.52160
##	2842	Mooring	2023-09-19	18:20:26	2023	8.225300	2.186500	33.52090
##	2843	Mooring	2023-09-19	18:30:27	2023	8.225500	2.173700	33.52130
##	2844	Mooring	2023-09-19	18:40:26	2023	8.225600	NA	NA
##	2845	Mooring	2023-09-19	18:50:27	2023	8.225800	2.144500	33.51900
##	2846	Mooring	2023-09-19	19:00:26	2023	8.225500	2.147900	33.52130
##	2847	Mooring	2023-09-19	19:10:27	2023	8.225500	2.135300	33.52000
##	2848	Mooring	2023-09-19	19:20:26	2023	8.225200	2.137800	33.52220
##	2849	Mooring	2023-09-19	19:30:27	2023	8.225100	2.108800	33.52210
##	2850	Mooring	2023-09-19	19:40:27	2023	8.224900	2.087000	33.52220
##	2851	Mooring	2023-09-19	19:50:26	2023	8.225200	2.083200	33.52080
##	2852	Mooring	2023-09-19	20:00:27	2023	8.224900	2.098000	33.52230
##	2853	Mooring	2023-09-19	20:10:26	2023	8.225100	2.086300	33.52210
##	2854	Mooring	2023-09-19	20:20:27	2023	8.225100	2.094100	33.52240
##	2855	Mooring	2023-09-19	20:30:26	2023	8.225300	2.090500	33.52240
##	2856	Mooring	2023-09-19	20:40:27	2023	8.225800	2.094400	33.52190
##	2857	Mooring	2023-09-19	20:50:26	2023	8.226200	2.093300	33.52170
##	2858	Mooring	2023-09-19	21:00:27	2023	8.226800	2.116800	33.52130
##	2859	Mooring	2023-09-19	21:10:27	2023	8.227000	2.094700	33.52050
##	2860	Mooring	2023-09-19	21:20:26	2023	8.227800	2.124100	33.52040
##	2861	Mooring	2023-09-19	21:30:27	2023	8.228700	2.140100	33.51850
##	2862	Mooring	2023-09-19	21:40:26	2023	8.231100	2.229100	33.51600

##	2863	Mooring	2023-09-19	21:50:27	2023	8.232400	2.288600	33.51410
##	2864	Mooring	2023-09-19	22:00:26	2023	8.233500	2.300200	33.51280
##	2865	Mooring	2023-09-19	22:10:27	2023	8.234000	2.350400	33.51200
##	2866	Mooring	2023-09-19	22:20:26	2023	8.235500	2.415300	33.50990
##	2867	Mooring	2023-09-19	22:30:27	2023	8.236400	2.424700	33.50900
##	2868	Mooring	2023-09-19	22:40:27	2023	8.237100	2.443100	33.50890
##	2869	Mooring	2023-09-19	22:50:26	2023	8.237400	2.435400	33.50850
##	2870	Mooring	2023-09-19	23:00:27	2023	8.237900	2.439800	33.50840
##	2871	Mooring	2023-09-19	23:10:26	2023	8.237900	2.425400	33.50920
##	2872	Mooring	2023-09-19	23:20:27	2023	8.237500	2.400600	33.51070
##	2873	Mooring	2023-09-19	23:30:26	2023	8.237900	2.394400	33.51040
##	2874	Mooring	2023-09-19	23:40:27	2023	8.238000	2.399600	33.50360
##	2875	Mooring	2023-09-19	23:50:26	2023	8.238000	2.382100	33.51110
##	2876	Mooring	2023-09-20	00:00:27	2023	8.238400	2.369800	33.51130
##	2877	Mooring	2023-09-20	00:10:27	2023	8.238600	2.360000	33.51100
##	2878	Mooring	2023-09-20	00:20:26	2023	8.238900	2.362500	33.51150
##	2879	Mooring	2023-09-20	00:30:27	2023	8.239600	2.374500	33.51080
##	2880	Mooring	2023-09-20	00:40:26	2023	8.239900	2.375400	33.51060
##	2881	Mooring	2023-09-20	00:50:27	2023	8.240100	2.374300	33.51030
##	2882	Mooring	2023-09-20	01:00:26	2023	8.240700	2.373100	33.51000
##	2883	Mooring	2023-09-20	01:10:27	2023	8.240600	2.369900	33.51020
##	2884	Mooring	2023-09-20	01:20:26	2023	8.240800	2.369100	33.51030
##	2885	Mooring	2023-09-20	01:30:27	2023	8.240700	2.371800	33.50970
##	2886	Mooring	2023-09-20	01:40:27	2023	8.240900	2.362100	33.50970
##	2887	Mooring	2023-09-20	01:50:26	2023	8.241500	2.384900	33.50870
##	2888	Mooring	2023-09-20	02:00:27	2023	8.242300	2.421800	33.50820
##	2889	Mooring	2023-09-20	02:10:26	2023	8.242400	2.408900	33.50770
##	2890	Mooring	2023-09-20	02:20:27	2023	8.243100	2.469800	33.50700
##	2891	Mooring	2023-09-20	02:30:26	2023	8.244200	2.578900	33.50520
##	2892	Mooring	2023-09-20	02:40:27	2023	8.243900	2.528300	33.50550
##	2893	Mooring	2023-09-20	02:50:26	2023	8.245500	2.638000	33.50230
##	2894	Mooring	2023-09-20	03:00:27	2023	8.247100	2.685500	33.50110
##	2895	Mooring	2023-09-20	03:10:27	2023	8.248300	2.721900	33.49980
##	2896	Mooring	2023-09-20	03:20:26	2023	8.249300	2.759300	33.49820
##	2897	Mooring	2023-09-20	03:30:27	2023	8.251300	2.824200	33.49620
##	2898	Mooring	2023-09-20	03:40:26	2023	8.251500	2.811200	33.49560
##	2899	Mooring	2023-09-20	03:50:27	2023	8.249800	2.703800	33.49650
##	2900	Mooring	2023-09-20	04:00:26	2023	8.249300	2.683200	33.49910
##	2901	Mooring	2023-09-20	04:10:27	2023	8.249900	2.686400	33.49850
##	2902	Mooring	2023-09-20	04:20:26	2023	8.250100	2.686300	33.49810
##	2903	Mooring	2023-09-20	04:30:27	2023	8.250100	2.674100	33.49790
##	2904	Mooring	2023-09-20	04:40:27	2023	8.250100	2.686000	33.49790
##	2905	Mooring	2023-09-20	04:50:26	2023	8.250600	2.698300	33.49740
##	2906	Mooring	2023-09-20	05:00:27	2023	8.250300	2.693300	33.49710
##	2907	Mooring	2023-09-20	05:10:26	2023	8.249800	2.664400	33.49720
##	2908	Mooring	2023-09-20	05:20:27	2023	8.249900	2.635000	33.49690
##	2909	Mooring	2023-09-20	05:30:26	2023	8.249700	2.607100	33.49820
##	2910	Mooring	2023-09-20	05:40:27	2023	8.250100	2.593100	33.49650
##	2911	Mooring	2023-09-20	05:50:26	2023	8.250400	2.581900	33.49730
##	2912	Mooring	2023-09-20	06:00:27	2023	8.251700	2.610900	33.49540
##	2913	Mooring	2023-09-20	06:10:27	2023	8.251400	2.588800	33.49520
##	2914	Mooring	2023-09-20	06:20:26	2023	8.251900	2.579500	33.49500
##	2915	Mooring	2023-09-20	06:30:27	2023	8.252300	2.587300	33.49480
##	2916	Mooring	2023-09-20	06:40:26	2023	8.253000	2.599800	33.49350

##	2917	Mooring	2023-09-20	06:50:27	2023	8.253300	2.596500	33.49380
##	2918	Mooring	2023-09-20	07:00:26	2023	8.255100	2.609100	33.49170
##	2919	Mooring	2023-09-20	07:10:27	2023	8.253800	2.600300	33.49350
##	2920	Mooring	2023-09-20	07:20:26	2023	8.253800	2.599900	33.49350
##	2921	Mooring	2023-09-20	07:30:27	2023	8.254600	2.593800	33.49260
##	2922	Mooring	2023-09-20	07:40:27	2023	8.254800	2.584500	33.49260
##	2923	Mooring	2023-09-20	07:50:26	2023	8.255500	2.571100	33.49150
##	2924	Mooring	2023-09-20	08:00:27	2023	8.255800	2.552200	33.49180
##	2925	Mooring	2023-09-20	08:10:26	2023	8.256100	2.534000	33.49040
##	2926	Mooring	2023-09-20	08:20:27	2023	8.256300	2.513500	33.49080
##	2927	Mooring	2023-09-20	08:30:26	2023	8.256400	2.499800	33.49150
##	2928	Mooring	2023-09-20	08:40:27	2023	8.256100	2.463900	33.49170
##	2929	Mooring	2023-09-20	08:50:26	2023	8.255700	2.442800	33.49150
##	2930	Mooring	2023-09-20	09:00:27	2023	8.256000	2.432600	33.49100
##	2931	Mooring	2023-09-20	09:10:27	2023	8.255100	2.421500	33.49050
##	2932	Mooring	2023-09-20	09:20:26	2023	8.255500	2.421900	33.48980
##	2933	Mooring	2023-09-20	09:30:27	2023	8.255500	2.426500	33.48920
##	2934	Mooring	2023-09-20	09:40:26	2023	8.256000	2.432400	33.48830
##	2935	Mooring	2023-09-20	09:50:27	2023	8.255800	2.428900	33.48880
##	2936	Mooring	2023-09-20	10:00:26	2023	8.256600	2.430800	33.48850
##	2937	Mooring	2023-09-20	10:10:27	2023	8.257100	2.432700	33.48640
##	2938	Mooring	2023-09-20	10:20:26	2023	8.257000	2.433100	33.48800
##	2939	Mooring	2023-09-20	10:30:27	2023	8.257300	2.436600	33.48710
##	2940	Mooring	2023-09-20	10:40:27	2023	8.257600	2.442000	33.48620
##	2941	Mooring	2023-09-20	10:50:26	2023	8.258300	2.457100	33.48550
##	2942	Mooring	2023-09-20	11:00:27	2023	8.259100	2.471100	33.48450
##	2943	Mooring	2023-09-20	11:10:26	2023	8.260200	2.491900	33.48410
##	2944	Mooring	2023-09-20	11:20:27	2023	8.260400	2.500300	33.48340
##	2945	Mooring	2023-09-20	11:30:26	2023	8.260800	2.510900	33.48280
##	2946	Mooring	2023-09-20	11:40:27	2023	8.261400	2.524400	33.48220
##	2947	Mooring	2023-09-20	11:50:26	2023	8.261800	2.541100	33.48100
##	2948	Mooring	2023-09-20	12:00:27	2023	8.262200	2.547900	33.48110
##	2949	Mooring	2023-09-20	12:10:27	2023	8.262900	2.559800	33.48060
##	2950	Mooring	2023-09-20	12:20:26	2023	8.263100	2.566200	33.48040
##	2951	Mooring	2023-09-20	12:30:27	2023	8.263900	2.586700	33.47980
##	2952	Mooring	2023-09-20	12:40:26	2023	8.264300	2.593400	33.47920
##	2953	Mooring	2023-09-20	12:50:27	2023	8.265100	2.608800	33.47840
##	2954	Mooring	2023-09-20	13:00:26	2023	8.265800	2.622500	33.47740
##	2955	Mooring	2023-09-20	13:10:27	2023	8.266400	2.634700	33.47690
##	2956	Mooring	2023-09-20	13:20:26	2023	8.267000	2.641600	33.47610
##	2957	Mooring	2023-09-20	13:30:27	2023	8.267800	2.657000	33.47500
##	2958	Mooring	2023-09-20	13:40:27	2023	8.267800	2.662200	33.47460
##	2959	Mooring	2023-09-20	13:50:26	2023	8.268200	2.670000	33.47490
##	2960	Mooring	2023-09-20	14:00:27	2023	8.268700	2.679100	33.47300
##	2961	Mooring	2023-09-20	14:10:26	2023	8.268900	2.679000	33.47310
##	2962	Mooring	2023-09-20	14:20:27	2023	8.269200	2.688400	33.47400
##	2963	Mooring	2023-09-20	14:30:26	2023	8.269500	2.694400	33.47380
##	2964	Mooring	2023-09-20	14:40:27	2023	8.270000	2.698000	33.47330
##	2965	Mooring	2023-09-20	14:50:26	2023	8.270000	2.702800	33.47320
##	2966	Mooring	2023-09-20	15:00:27	2023	8.270400	2.700100	33.47320
##	2967	Mooring	2023-09-20	15:10:27	2023	8.270400	2.701500	33.47210
##	2968	Mooring	2023-09-20	15:20:26	2023	8.270300	2.705300	33.47320
##	2969	Mooring	2023-09-20	15:30:27	2023	8.270800	2.703100	33.47230
##	2970	Mooring	2023-09-20	15:40:26	2023	8.270900	2.706600	33.47220

##	2971	Mooring	2023-09-20	15:50:27	2023	8.270800	2.688300	33.47200
##	2972	Mooring	2023-09-20	16:00:26	2023	8.270300	2.649700	33.46840
##	2973	Mooring	2023-09-20	16:10:27	2023	8.269500	2.626900	33.47170
##	2974	Mooring	2023-09-20	16:20:26	2023	8.269100	2.604600	33.47010
##	2975	Mooring	2023-09-20	16:30:27	2023	8.267800	2.580100	33.47300
##	2976	Mooring	2023-09-20	16:40:27	2023	8.267800	2.571900	33.47190
##	2977	Mooring	2023-09-20	16:50:26	2023	8.267600	2.556500	33.47210
##	2978	Mooring	2023-09-20	17:00:27	2023	8.266600	2.536300	33.47370
##	2979	Mooring	2023-09-20	17:10:26	2023	8.266400	2.540300	33.47420
##	2980	Mooring	2023-09-20	17:20:27	2023	8.266400	2.524700	33.47200
##	2981	Mooring	2023-09-20	17:30:26	2023	8.265700	2.516100	33.47460
##	2982	Mooring	2023-09-20	17:40:27	2023	8.265300	2.495400	33.47520
##	2983	Mooring	2023-09-20	17:50:26	2023	8.264900	2.483300	33.47520
##	2984	Mooring	2023-09-20	18:00:27	2023	8.264000	2.458400	33.47630
##	2985	Mooring	2023-09-20	18:10:27	2023	8.262900	2.432400	33.47690
##	2986	Mooring	2023-09-20	18:20:26	2023	8.261700	2.404200	33.47750
##	2987	Mooring	2023-09-20	18:30:27	2023	8.259200	2.355500	33.47950
##	2988	Mooring	2023-09-20	18:40:26	2023	8.257900	2.331600	33.47960
##	2989	Mooring	2023-09-20	18:50:27	2023	8.256400	2.301400	33.48220
##	2990	Mooring	2023-09-20	19:00:26	2023	8.257300	2.318000	33.48130
##	2991	Mooring	2023-09-20	19:10:27	2023	8.255600	2.284900	33.48330
##	2992	Mooring	2023-09-20	19:20:26	2023	8.254800	2.274900	33.48410
##	2993	Mooring	2023-09-20	19:30:27	2023	8.256000	2.279900	33.48300
##	2994	Mooring	2023-09-20	19:40:27	2023	8.255800	2.270800	33.48340
##	2995	Mooring	2023-09-20	19:50:26	2023	8.255500	2.258900	33.48180
##	2996	Mooring	2023-09-20	20:00:27	2023	8.254800	2.244300	33.48460
##	2997	Mooring	2023-09-20	20:10:26	2023	8.256300	2.253900	33.48280
##	2998	Mooring	2023-09-20	20:20:27	2023	8.255500	2.231600	33.48340
##	2999	Mooring	2023-09-20	20:30:26	2023	8.253800	2.210100	33.48630
##	3000	Mooring	2023-09-20	20:40:27	2023	8.253300	2.185000	33.47120
##	3001	Mooring	2023-09-20	20:50:26	2023	8.252800	2.163100	33.48130
##	3002	Mooring	2023-09-20	21:00:27	2023	8.251800	2.126200	33.48740
##	3003	Mooring	2023-09-20	21:10:27	2023	8.250300	2.094400	33.48970
##	3004	Mooring	2023-09-20	21:20:26	2023	8.247800	2.063300	33.49200
##	3005	Mooring	2023-09-20	21:30:27	2023	8.247000	2.051200	33.49330
##	3006	Mooring	2023-09-20	21:40:26	2023	8.246800	2.029400	33.49310
##	3007	Mooring	2023-09-20	21:50:27	2023	8.245500	2.002700	33.49510
##	3008	Mooring	2023-09-20	22:00:26	2023	8.244900	1.979700	33.49560
##	3009	Mooring	2023-09-20	22:10:27	2023	8.243400	1.953300	33.49710
##	3010	Mooring	2023-09-20	22:20:26	2023	8.242400	1.941100	33.49820
##	3011	Mooring	2023-09-20	22:30:27	2023	8.241100	1.907900	33.49950
##	3012	Mooring	2023-09-20	22:40:27	2023	8.239700	1.875700	33.50060
##	3013	Mooring	2023-09-20	22:50:26	2023	8.239500	1.847300	33.50110
##	3014	Mooring	2023-09-20	23:00:27	2023	8.237000	1.802300	33.50360
##	3015	Mooring	2023-09-20	23:10:26	2023	8.236200	1.770100	33.50450
##	3016	Mooring	2023-09-20	23:20:27	2023	8.234900	1.739100	33.50560
##	3017	Mooring	2023-09-20	23:30:26	2023	8.233400	1.704100	33.50730
##	3018	Mooring	2023-09-20	23:40:27	2023	8.232800	1.703900	33.50740
##	3019	Mooring	2023-09-20	23:50:26	2023	8.233500	1.701900	33.50750
##	3020	Mooring	2023-09-21	00:00:27	2023	8.233400	1.701900	33.50770
##	3021	Mooring	2023-09-21	00:10:27	2023	8.233300	1.703100	33.50740
##	3022	Mooring	2023-09-21	00:20:26	2023	8.233500	1.700300	33.50760
##	3023	Mooring	2023-09-21	00:30:27	2023	8.233100	1.706100	33.50780
##	3024	Mooring	2023-09-21	00:40:26	2023	8.233300	1.711900	33.50750

##	3025	Mooring	2023-09-21	00:50:27	2023	8.234200	1.721500	33.50690
##	3026	Mooring	2023-09-21	01:00:26	2023	8.234500	1.732700	33.49520
##	3027	Mooring	2023-09-21	01:10:27	2023	8.234400	1.736300	33.50570
##	3028	Mooring	2023-09-21	01:20:26	2023	8.234700	1.745300	33.50580
##	3029	Mooring	2023-09-21	01:30:27	2023	8.235100	1.764500	33.50560
##	3030	Mooring	2023-09-21	01:40:27	2023	8.235000	1.760900	33.50550
##	3031	Mooring	2023-09-21	01:50:26	2023	8.235500	1.770200	33.50500
##	3032	Mooring	2023-09-21	02:00:27	2023	8.234900	1.749600	33.50550
##	3033	Mooring	2023-09-21	02:10:26	2023	8.233400	1.697400	33.50720
##	3034	Mooring	2023-09-21	02:20:27	2023	8.232700	1.682100	33.50790
##	3035	Mooring	2023-09-21	02:30:26	2023	8.231700	1.662900	33.50930
##	3036	Mooring	2023-09-21	02:40:27	2023	8.231600	1.652900	33.50860
##	3037	Mooring	2023-09-21	02:50:26	2023	8.230500	1.632900	33.51030
##	3038	Mooring	2023-09-21	03:00:27	2023	8.229500	1.612500	33.51120
##	3039	Mooring	2023-09-21	03:10:27	2023	8.229200	1.595700	33.51180
##	3040	Mooring	2023-09-21	03:20:26	2023	8.228800	1.583300	33.51040
##	3041	Mooring	2023-09-21	03:30:27	2023	8.228100	1.597700	33.51230
##	3042	Mooring	2023-09-21	03:40:26	2023	8.227500	1.584900	33.51260
##	3043	Mooring	2023-09-21	03:50:27	2023	8.227600	1.586800	33.51290
##	3044	Mooring	2023-09-21	04:00:26	2023	8.227700	1.598400	33.51240
##	3045	Mooring	2023-09-21	04:10:27	2023	8.227900	1.614200	33.51210
##	3046	Mooring	2023-09-21	04:20:26	2023	8.228300	1.629100	33.51170
##	3047	Mooring	2023-09-21	04:30:27	2023	8.229200	1.662600	33.51070
##	3048	Mooring	2023-09-21	04:40:27	2023	8.229000	1.664700	33.51080
##	3049	Mooring	2023-09-21	04:50:26	2023	8.229000	1.661600	33.51060
##	3050	Mooring	2023-09-21	05:00:27	2023	8.229000	1.669300	33.51110
##	3051	Mooring	2023-09-21	05:10:26	2023	8.230200	1.685500	33.50980
##	3052	Mooring	2023-09-21	05:20:27	2023	8.230700	1.711300	33.50820
##	3053	Mooring	2023-09-21	05:30:26	2023	8.230300	1.705000	33.50850
##	3054	Mooring	2023-09-21	05:40:27	2023	8.229900	1.696200	33.50970
##	3055	Mooring	2023-09-21	05:50:26	2023	8.231700	1.743200	33.50810
##	3056	Mooring	2023-09-21	06:00:27	2023	8.230800	1.717600	33.50880
##	3057	Mooring	2023-09-21	06:10:27	2023	8.229900	1.685700	33.50890
##	3058	Mooring	2023-09-21	06:20:26	2023	8.229500	1.680400	33.50980
##	3059	Mooring	2023-09-21	06:30:27	2023	8.228800	1.650700	33.51090
##	3060	Mooring	2023-09-21	06:40:26	2023	8.227700	1.629300	33.51160
##	3061	Mooring	2023-09-21	06:50:27	2023	8.226200	1.593700	33.51200
##	3062	Mooring	2023-09-21	07:00:26	2023	8.223700	1.536700	33.51550
##	3063	Mooring	2023-09-21	07:10:27	2023	8.220100	1.454500	33.51910
##	3064	Mooring	2023-09-21	07:20:26	2023	8.218100	1.407800	33.52190
##	3065	Mooring	2023-09-21	07:30:27	2023	8.214900	1.327000	33.52530
##	3066	Mooring	2023-09-21	07:40:27	2023	8.211200	1.264500	33.52950
##	3067	Mooring	2023-09-21	07:50:26	2023	8.210500	1.245400	33.53010
##	3068	Mooring	2023-09-21	08:00:27	2023	8.209500	1.250200	33.53130
##	3069	Mooring	2023-09-21	08:10:26	2023	8.209900	1.248600	33.53100
##	3070	Mooring	2023-09-21	08:20:27	2023	8.209600	1.238600	33.53100
##	3071	Mooring	2023-09-21	08:30:26	2023	8.207900	1.206700	33.53280
##	3072	Mooring	2023-09-21	08:40:27	2023	8.206300	1.178000	33.53440
##	3073	Mooring	2023-09-21	08:50:26	2023	8.205500	1.173800	33.53520
##	3074	Mooring	2023-09-21	09:00:27	2023	8.205100	1.161100	33.53570
##	3075	Mooring	2023-09-21	09:10:27	2023	8.204400	1.166500	33.53640
##	3076	Mooring	2023-09-21	09:20:26	2023	8.204000	1.156900	33.53700
##	3077	Mooring	2023-09-21	09:30:27	2023	8.204900	1.161900	33.53610
##	3078	Mooring	2023-09-21	09:40:26	2023	8.205400	1.187000	33.53560

##	3079	Mooring	2023-09-21	09:50:27	2023	8.205400	1.183400	33.53550
##	3080	Mooring	2023-09-21	10:00:26	2023	8.205100	1.167300	33.53600
##	3081	Mooring	2023-09-21	10:10:27	2023	8.205100	1.160100	33.53620
##	3082	Mooring	2023-09-21	10:20:26	2023	8.204800	1.154200	33.53630
##	3083	Mooring	2023-09-21	10:30:27	2023	8.203900	1.139700	33.53730
##	3084	Mooring	2023-09-21	10:40:27	2023	8.203000	1.113100	33.53810
##	3085	Mooring	2023-09-21	10:50:26	2023	8.202900	1.130600	33.53790
##	3086	Mooring	2023-09-21	11:00:27	2023	8.202400	1.103900	33.53900
##	3087	Mooring	2023-09-21	11:10:26	2023	8.200600	1.075500	33.54070
##	3088	Mooring	2023-09-21	11:20:27	2023	8.200100	1.069400	33.54070
##	3089	Mooring	2023-09-21	11:30:26	2023	8.198700	1.048600	33.54180
##	3090	Mooring	2023-09-21	11:40:27	2023	8.197100	1.032200	33.54360
##	3091	Mooring	2023-09-21	11:50:26	2023	8.196100	1.020300	NA
##	3092	Mooring	2023-09-21	12:00:27	2023	8.195200	1.008400	33.54470
##	3093	Mooring	2023-09-21	12:10:27	2023	8.194800	0.999900	33.54470
##	3094	Mooring	2023-09-21	12:20:26	2023	8.194500	1.002300	33.54510
##	3095	Mooring	2023-09-21	12:30:27	2023	8.194300	0.998000	33.54540
##	3096	Mooring	2023-09-21	12:40:26	2023	8.194500	0.989900	33.54520
##	3097	Mooring	2023-09-21	12:50:27	2023	8.193500	0.993800	33.54600
##	3098	Mooring	2023-09-21	13:00:26	2023	8.193100	0.988100	33.54640
##	3099	Mooring	2023-09-21	13:10:27	2023	8.191700	0.966100	33.54650
##	3100	Mooring	2023-09-21	13:20:26	2023	8.190400	0.943000	33.54820
##	3101	Mooring	2023-09-21	13:30:27	2023	8.187900	0.924300	33.54980
##	3102	Mooring	2023-09-21	13:40:27	2023	8.187700	0.910000	33.54980
##	3103	Mooring	2023-09-21	13:50:26	2023	8.185500	0.904000	33.55100
##	3104	Mooring	2023-09-21	14:00:27	2023	8.183300	0.890900	33.55230
##	3105	Mooring	2023-09-21	14:10:26	2023	8.183400	0.880900	33.55210
##	3106	Mooring	2023-09-21	14:20:27	2023	8.181200	0.879400	33.55390
##	3107	Mooring	2023-09-21	14:30:26	2023	8.183600	0.885200	33.55230
##	3108	Mooring	2023-09-21	14:40:27	2023	8.183600	0.882500	33.55220
##	3109	Mooring	2023-09-21	14:50:26	2023	8.184100	0.881700	33.55210
##	3110	Mooring	2023-09-21	15:00:27	2023	8.184200	0.890600	33.55220
##	3111	Mooring	2023-09-21	15:10:27	2023	8.185000	0.888600	33.55140
##	3112	Mooring	2023-09-21	15:20:26	2023	8.184100	0.875100	33.55210
##	3113	Mooring	2023-09-21	15:30:27	2023	8.183300	0.876700	33.55230
##	3114	Mooring	2023-09-21	15:40:26	2023	8.182100	0.873600	33.55310
##	3115	Mooring	2023-09-21	15:50:27	2023	8.182300	0.875600	33.55120
##	3116	Mooring	2023-09-21	16:00:26	2023	8.181100	0.883700	33.54750
##	3117	Mooring	2023-09-21	16:10:27	2023	8.181300	0.885600	33.55340
##	3118	Mooring	2023-09-21	16:20:26	2023	8.180300	0.896800	33.55400
##	3119	Mooring	2023-09-21	16:30:27	2023	8.179800	0.889400	33.55440
##	3120	Mooring	2023-09-21	16:40:27	2023	8.179300	0.887500	33.55460
##	3121	Mooring	2023-09-21	16:50:26	2023	8.179200	0.888300	33.55480
##	3122	Mooring	2023-09-21	17:00:27	2023	8.179500	0.885200	33.55430
##	3123	Mooring	2023-09-21	17:10:26	2023	8.179600	0.896000	33.55460
##	3124	Mooring	2023-09-21	17:20:27	2023	8.179700	0.902200	33.55440
##	3125	Mooring	2023-09-21	17:30:26	2023	8.179600	0.910600	33.55450
##	3126	Mooring	2023-09-21	17:40:27	2023	8.180300	0.907100	33.55410
##	3127	Mooring	2023-09-21	17:50:26	2023	8.180600	0.912100	33.55420
##	3128	Mooring	2023-09-21	18:00:27	2023	8.181200	0.936100	33.55330
##	3129	Mooring	2023-09-21	18:10:27	2023	8.182000	0.940200	33.55280
##	3130	Mooring	2023-09-21	18:20:26	2023	8.183500	0.957100	33.55180
##	3131	Mooring	2023-09-21	18:30:27	2023	8.183800	0.949300	33.55170
##	3132	Mooring	2023-09-21	18:40:26	2023	8.182500	0.943200	33.55260

##	3133	Mooring	2023-09-21	18:50:27	2023	8.182100	0.946000	33.55290
##	3134	Mooring	2023-09-21	19:00:26	2023	8.183200	0.952500	33.55210
##	3135	Mooring	2023-09-21	19:10:27	2023	8.182400	0.963300	33.55250
##	3136	Mooring	2023-09-21	19:20:26	2023	8.179900	0.922800	33.55410
##	3137	Mooring	2023-09-21	19:30:27	2023	8.179400	0.919900	33.55440
##	3138	Mooring	2023-09-21	19:40:27	2023	8.179100	0.921800	33.55480
##	3139	Mooring	2023-09-21	19:50:26	2023	8.178400	0.910600	33.55520
##	3140	Mooring	2023-09-21	20:00:27	2023	8.177000	0.893300	33.55590
##	3141	Mooring	2023-09-21	20:10:26	2023	8.175600	0.874900	33.55710
##	3142	Mooring	2023-09-21	20:20:27	2023	8.175600	0.877700	33.55700
##	3143	Mooring	2023-09-21	20:30:26	2023	8.175700	0.881900	33.55700
##	3144	Mooring	2023-09-21	20:40:27	2023	8.175900	0.880700	33.55670
##	3145	Mooring	2023-09-21	20:50:26	2023	8.176100	0.887700	33.55670
##	3146	Mooring	2023-09-21	21:00:27	2023	8.175700	0.886500	33.55700
##	3147	Mooring	2023-09-21	21:10:27	2023	8.175800	0.883500	33.55710
##	3148	Mooring	2023-09-21	21:20:26	2023	8.175900	0.877300	33.55730
##	3149	Mooring	2023-09-21	21:30:27	2023	8.176200	0.872300	33.55710
##	3150	Mooring	2023-09-21	21:40:26	2023	8.176700	0.888500	33.55670
##	3151	Mooring	2023-09-21	21:50:27	2023	8.177200	0.889600	33.55610
##	3152	Mooring	2023-09-21	22:00:26	2023	8.177600	0.915500	33.55590
##	3153	Mooring	2023-09-21	22:10:27	2023	8.180100	0.937300	33.55410
##	3154	Mooring	2023-09-21	22:20:26	2023	8.178000	0.919200	33.55530
##	3155	Mooring	2023-09-21	22:30:27	2023	8.177200	0.911900	33.55620
##	3156	Mooring	2023-09-21	22:40:27	2023	8.176700	0.905400	33.55640
##	3157	Mooring	2023-09-21	22:50:26	2023	8.177000	0.911600	33.55590
##	3158	Mooring	2023-09-21	23:00:27	2023	8.176400	0.896900	33.55690
##	3159	Mooring	2023-09-21	23:10:26	2023	8.175700	0.893900	33.55720
##	3160	Mooring	2023-09-21	23:20:27	2023	8.175500	0.884700	33.55760
##	3161	Mooring	2023-09-21	23:30:26	2023	8.174700	0.878500	33.55800
##	3162	Mooring	2023-09-21	23:40:27	2023	8.174100	0.865800	33.55830
##	3163	Mooring	2023-09-21	23:50:26	2023	8.171700	0.843500	33.56000
##	3164	Mooring	2023-09-22	00:00:27	2023	8.170600	0.826200	33.56080
##	3165	Mooring	2023-09-22	00:10:27	2023	8.170200	0.816600	33.56110
##	3166	Mooring	2023-09-22	00:20:26	2023	8.168100	0.800500	33.56200
##	3167	Mooring	2023-09-22	00:30:27	2023	8.166200	0.802500	33.56300
##	3168	Mooring	2023-09-22	00:40:26	2023	8.167100	0.799000	33.56240
##	3169	Mooring	2023-09-22	00:50:27	2023	8.166000	0.809100	33.56310
##	3170	Mooring	2023-09-22	01:00:26	2023	8.166400	0.804000	33.56310
##	3171	Mooring	2023-09-22	01:10:27	2023	8.166600	0.809000	33.56270
##	3172	Mooring	2023-09-22	01:20:26	2023	8.166900	0.805100	33.56260
##	3173	Mooring	2023-09-22	01:30:27	2023	8.167100	0.816300	33.56280
##	3174	Mooring	2023-09-22	01:40:27	2023	8.168800	0.834000	33.55790
##	3175	Mooring	2023-09-22	01:50:26	2023	8.169900	0.854800	33.56070
##	3176	Mooring	2023-09-22	02:00:27	2023	8.171400	0.884000	33.55980
##	3177	Mooring	2023-09-22	02:10:26	2023	8.171300	0.886600	33.55960
##	3178	Mooring	2023-09-22	02:20:27	2023	8.172200	0.888500	33.55940
##	3179	Mooring	2023-09-22	02:30:26	2023	8.172600	0.893500	33.55880
##	3180	Mooring	2023-09-22	02:40:27	2023	8.172600	0.889200	33.55870
##	3181	Mooring	2023-09-22	02:50:26	2023	8.173000	0.900100	33.55860
##	3182	Mooring	2023-09-22	03:00:27	2023	8.172500	0.893000	33.55910
##	3183	Mooring	2023-09-22	03:10:27	2023	8.172900	0.897300	33.55850
##	3184	Mooring	2023-09-22	03:20:26	2023	8.173900	0.926600	33.55790
##	3185	Mooring	2023-09-22	03:30:27	2023	8.173400	0.914500	33.55820
##	3186	Mooring	2023-09-22	03:40:26	2023	8.172500	0.897200	33.55890

##	3187	Mooring	2023-09-22	03:50:27	2023	8.171800	0.891100	33.55890
##	3188	Mooring	2023-09-22	04:00:26	2023	8.172700	0.917700	33.55830
##	3189	Mooring	2023-09-22	04:10:27	2023	8.175100	0.982500	33.55680
##	3190	Mooring	2023-09-22	04:20:26	2023	8.170600	0.894300	33.55950
##	3191	Mooring	2023-09-22	04:30:27	2023	8.171500	0.911600	33.55880
##	3192	Mooring	2023-09-22	04:40:27	2023	8.172000	0.925400	33.55860
##	3193	Mooring	2023-09-22	04:50:26	2023	8.173000	0.951900	33.55770
##	3194	Mooring	2023-09-22	05:00:27	2023	8.173900	0.993900	33.55720
##	3195	Mooring	2023-09-22	05:10:26	2023	8.174400	1.012200	33.55670
##	3196	Mooring	2023-09-22	05:20:27	2023	8.175200	1.014900	33.55610
##	3197	Mooring	2023-09-22	05:30:26	2023	8.174800	1.012500	33.55680
##	3198	Mooring	2023-09-22	05:40:27	2023	8.179600	1.069500	33.55350
##	3199	Mooring	2023-09-22	05:50:26	2023	8.176300	1.023500	33.55530
##	3200	Mooring	2023-09-22	06:00:27	2023	8.178800	1.048300	33.55360
##	3201	Mooring	2023-09-22	06:10:27	2023	8.178000	1.036300	33.55430
##	3202	Mooring	2023-09-22	06:20:26	2023	8.179000	1.037100	33.55350
##	3203	Mooring	2023-09-22	06:30:27	2023	8.178500	1.026600	33.55360
##	3204	Mooring	2023-09-22	06:40:26	2023	8.178800	1.032100	33.55380
##	3205	Mooring	2023-09-22	06:50:27	2023	8.178800	1.028600	33.55330
##	3206	Mooring	2023-09-22	07:00:26	2023	8.177600	1.015100	33.55470
##	3207	Mooring	2023-09-22	07:10:27	2023	8.177200	1.011700	33.55470
##	3208	Mooring	2023-09-22	07:20:26	2023	8.177200	1.009800	33.55470
##	3209	Mooring	2023-09-22	07:30:27	2023	8.176900	1.002800	33.55460
##	3210	Mooring	2023-09-22	07:40:27	2023	8.176200	0.992500	33.55540
##	3211	Mooring	2023-09-22	07:50:26	2023	8.175200	0.983600	33.55640
##	3212	Mooring	2023-09-22	08:00:27	2023	8.175000	0.979400	33.55650
##	3213	Mooring	2023-09-22	08:10:26	2023	8.174500	0.976800	33.55680
##	3214	Mooring	2023-09-22	08:20:27	2023	8.174200	0.971700	33.55690
##	3215	Mooring	2023-09-22	08:30:26	2023	8.174200	0.971000	33.55690
##	3216	Mooring	2023-09-22	08:40:27	2023	8.174200	0.967500	33.55670
##	3217	Mooring	2023-09-22	08:50:26	2023	8.173500	0.966400	33.55740
##	3218	Mooring	2023-09-22	09:00:27	2023	8.172500	0.952200	33.55790
##	3219	Mooring	2023-09-22	09:10:27	2023	8.173400	0.948400	33.55570
##	3220	Mooring	2023-09-22	09:20:26	2023	8.173200	0.955700	33.55760
##	3221	Mooring	2023-09-22	09:30:27	2023	8.173800	0.958000	33.55710
##	3222	Mooring	2023-09-22	09:40:26	2023	8.174000	0.955300	33.55700
##	3223	Mooring	2023-09-22	09:50:27	2023	8.174300	0.954900	33.55700
##	3224	Mooring	2023-09-22	10:00:26	2023	8.174900	0.965300	33.55640
##	3225	Mooring	2023-09-22	10:10:27	2023	8.175000	0.956000	33.55660
##	3226	Mooring	2023-09-22	10:20:26	2023	8.175300	0.949900	33.55630
##	3227	Mooring	2023-09-22	10:30:27	2023	8.175500	0.952600	33.55640
##	3228	Mooring	2023-09-22	10:40:27	2023	8.175700	0.944900	33.55630
##	3229	Mooring	2023-09-22	10:50:26	2023	8.177000	0.948700	33.55560
##	3230	Mooring	2023-09-22	11:00:27	2023	8.178500	0.957600	33.55450
##	3231	Mooring	2023-09-22	11:10:26	2023	8.179100	0.955200	33.55400
##	3232	Mooring	2023-09-22	11:20:27	2023	8.182000	0.987600	33.55160
##	3233	Mooring	2023-09-22	11:30:26	2023	8.182600	0.990200	33.55130
##	3234	Mooring	2023-09-22	11:40:27	2023	8.185600	1.031400	33.54870
##	3235	Mooring	2023-09-22	11:50:26	2023	8.191600	1.130400	33.54380
##	3236	Mooring	2023-09-22	12:00:27	2023	8.197100	1.246100	33.53870
##	3237	Mooring	2023-09-22	12:10:27	2023	8.201700	1.343600	33.53410
##	3238	Mooring	2023-09-22	12:20:26	2023	8.205200	1.458100	33.53080
##	3239	Mooring	2023-09-22	12:30:27	2023	8.214100	1.633500	33.52030
##	3240	Mooring	2023-09-22	12:40:26	2023	8.219800	1.839100	33.51390

##	3241	Mooring	2023-09-22	12:50:27	2023	8.223200	1.921200	33.51000
##	3242	Mooring	2023-09-22	13:00:26	2023	8.224900	1.963200	33.50800
##	3243	Mooring	2023-09-22	13:10:27	2023	8.225200	1.973100	33.50720
##	3244	Mooring	2023-09-22	13:20:26	2023	8.226200	1.991900	33.50630
##	3245	Mooring	2023-09-22	13:30:27	2023	8.220800	1.864400	33.51160
##	3246	Mooring	2023-09-22	13:40:27	2023	8.221700	1.890700	33.51090
##	3247	Mooring	2023-09-22	13:50:26	2023	8.225000	1.971400	33.50740
##	3248	Mooring	2023-09-22	14:00:27	2023	8.221700	1.869000	33.51050
##	3249	Mooring	2023-09-22	14:10:26	2023	8.219900	1.828200	33.51240
##	3250	Mooring	2023-09-22	14:20:27	2023	8.219300	1.826800	33.51350
##	3251	Mooring	2023-09-22	14:30:26	2023	8.219600	1.812600	33.51290
##	3252	Mooring	2023-09-22	14:40:27	2023	8.218000	1.789500	33.51470
##	3253	Mooring	2023-09-22	14:50:26	2023	8.217100	1.759900	33.51560
##	3254	Mooring	2023-09-22	15:00:27	2023	8.216200	1.738400	33.51660
##	3255	Mooring	2023-09-22	15:10:27	2023	8.214200	1.693400	33.51870
##	3256	Mooring	2023-09-22	15:20:26	2023	8.212300	1.645000	33.52100
##	3257	Mooring	2023-09-22	15:30:27	2023	8.208800	1.547300	33.52460
##	3258	Mooring	2023-09-22	15:40:26	2023	8.203600	1.446300	33.53010
##	3259	Mooring	2023-09-22	15:50:27	2023	8.202300	1.426200	33.53180
##	3260	Mooring	2023-09-22	16:00:26	2023	8.203300	1.439400	33.53100
##	3261	Mooring	2023-09-22	16:10:27	2023	8.204600	1.457100	33.52950
##	3262	Mooring	2023-09-22	16:20:26	2023	8.203900	1.466700	33.53000
##	3263	Mooring	2023-09-22	16:30:27	2023	8.203400	1.434600	33.53060
##	3264	Mooring	2023-09-22	16:40:27	2023	8.203900	1.446700	33.53030
##	3265	Mooring	2023-09-22	16:50:26	2023	8.202300	1.408100	33.53210
##	3266	Mooring	2023-09-22	17:00:27	2023	8.201800	1.383900	33.53260
##	3267	Mooring	2023-09-22	17:10:26	2023	8.200900	1.362800	33.53370
##	3268	Mooring	2023-09-22	17:20:27	2023	8.200800	1.378300	33.53370
##	3269	Mooring	2023-09-22	17:30:26	2023	8.199400	1.335800	33.53490
##	3270	Mooring	2023-09-22	17:40:27	2023	8.199700	1.361100	33.53450
##	3271	Mooring	2023-09-22	17:50:26	2023	8.199700	1.355600	33.53440
##	3272	Mooring	2023-09-22	18:00:27	2023	8.198800	1.340500	33.53530
##	3273	Mooring	2023-09-22	18:10:27	2023	8.198200	1.315100	33.53590
##	3274	Mooring	2023-09-22	18:20:26	2023	8.195800	1.274800	33.53850
##	3275	Mooring	2023-09-22	18:30:27	2023	8.194800	1.236700	33.53950
##	3276	Mooring	2023-09-22	18:40:26	2023	8.193300	1.207600	33.54090
##	3277	Mooring	2023-09-22	18:50:27	2023	8.191800	1.182200	33.54250
##	3278	Mooring	2023-09-22	19:00:26	2023	8.191100	1.172300	33.54290
##	3279	Mooring	2023-09-22	19:10:27	2023	8.191100	1.179600	33.54280
##	3280	Mooring	2023-09-22	19:20:26	2023	8.191800	1.191200	33.54170
##	3281	Mooring	2023-09-22	19:30:27	2023	8.192000	1.198100	33.54200
##	3282	Mooring	2023-09-22	19:40:27	2023	8.192400	1.213100	33.54150
##	3283	Mooring	2023-09-22	19:50:26	2023	8.193600	1.237400	33.54010
##	3284	Mooring	2023-09-22	20:00:27	2023	8.196700	1.312100	33.53660
##	3285	Mooring	2023-09-22	20:10:26	2023	8.196300	1.309100	33.53730
##	3286	Mooring	2023-09-22	20:20:27	2023	8.198100	1.341900	33.53520
##	3287	Mooring	2023-09-22	20:30:26	2023	8.199300	1.384600	33.53410
##	3288	Mooring	2023-09-22	20:40:27	2023	8.201200	1.414500	33.53200
##	3289	Mooring	2023-09-22	20:50:26	2023	8.200600	1.400900	33.53300
##	3290	Mooring	2023-09-22	21:00:27	2023	8.201100	1.412200	33.53220
##	3291	Mooring	2023-09-22	21:10:27	2023	8.204100	1.484200	33.52900
##	3292	Mooring	2023-09-22	21:20:26	2023	8.204600	1.510200	33.52820
##	3293	Mooring	2023-09-22	21:30:27	2023	8.203400	1.468100	33.52980
##	3294	Mooring	2023-09-22	21:40:26	2023	8.203400	1.468200	33.52980

##	3295	Mooring	2023-09-22	21:50:27	2023	8.204200	1.470900	33.52900
##	3296	Mooring	2023-09-22	22:00:26	2023	8.204900	1.497900	33.52840
##	3297	Mooring	2023-09-22	22:10:27	2023	8.204800	1.474300	33.52850
##	3298	Mooring	2023-09-22	22:20:26	2023	8.207400	1.536000	33.52570
##	3299	Mooring	2023-09-22	22:30:27	2023	8.207600	1.540800	33.52580
##	3300	Mooring	2023-09-22	22:40:27	2023	8.209500	1.597500	33.52400
##	3301	Mooring	2023-09-22	22:50:26	2023	8.212800	1.674400	33.52010
##	3302	Mooring	2023-09-22	23:00:27	2023	8.213500	1.687600	33.51950
##	3303	Mooring	2023-09-22	23:10:26	2023	8.215800	1.728000	33.51750
##	3304	Mooring	2023-09-22	23:20:27	2023	8.216700	1.738300	33.51680
##	3305	Mooring	2023-09-22	23:30:26	2023	8.217200	1.765200	33.51620
##	3306	Mooring	2023-09-22	23:40:27	2023	8.219100	1.793200	33.51450
##	3307	Mooring	2023-09-22	23:50:26	2023	8.227600	1.994200	33.50600
##	3308	Mooring	2023-09-23	00:00:27	2023	8.226800	1.968500	33.50690
##	3309	Mooring	2023-09-23	00:10:27	2023	8.230600	2.057100	33.50290
##	3310	Mooring	2023-09-23	00:20:26	2023	8.230900	2.068000	33.50240
##	3311	Mooring	2023-09-23	00:30:27	2023	8.232900	2.100300	33.50080
##	3312	Mooring	2023-09-23	00:40:26	2023	8.235800	2.180700	33.49790
##	3313	Mooring	2023-09-23	00:50:27	2023	8.238300	2.232300	33.49560
##	3314	Mooring	2023-09-23	01:00:26	2023	8.238400	2.219800	33.49550
##	3315	Mooring	2023-09-23	01:10:27	2023	8.238400	2.223300	33.49540
##	3316	Mooring	2023-09-23	01:20:26	2023	8.240400	2.273800	33.49380
##	3317	Mooring	2023-09-23	01:30:27	2023	8.240000	2.267400	33.49390
##	3318	Mooring	2023-09-23	01:40:27	2023	8.240700	2.282800	33.49280
##	3319	Mooring	2023-09-23	01:50:26	2023	8.239200	2.239600	33.49460
##	3320	Mooring	2023-09-23	02:00:27	2023	8.239600	2.264400	33.49430
##	3321	Mooring	2023-09-23	02:10:26	2023	8.238000	2.210400	33.49580
##	3322	Mooring	2023-09-23	02:20:27	2023	8.236800	2.186700	33.49680
##	3323	Mooring	2023-09-23	02:30:26	2023	8.235900	2.168700	33.49770
##	3324	Mooring	2023-09-23	02:40:27	2023	8.235500	2.153700	33.49820
##	3325	Mooring	2023-09-23	02:50:26	2023	8.234700	2.126400	33.49890
##	3326	Mooring	2023-09-23	03:00:27	2023	8.233200	2.096900	33.50050
##	3327	Mooring	2023-09-23	03:10:27	2023	8.231200	2.050800	33.50230
##	3328	Mooring	2023-09-23	03:20:26	2023	8.229700	2.014300	33.50350
##	3329	Mooring	2023-09-23	03:30:27	2023	8.229300	2.004400	33.50420
##	3330	Mooring	2023-09-23	03:40:26	2023	8.226700	1.946300	33.50660
##	3331	Mooring	2023-09-23	03:50:27	2023	8.226200	1.941100	33.50690
##	3332	Mooring	2023-09-23	04:00:26	2023	8.226500	1.948000	33.50690
##	3333	Mooring	2023-09-23	04:10:27	2023	8.227400	1.972700	33.50590
##	3334	Mooring	2023-09-23	04:20:26	2023	8.227300	1.968700	33.50580
##	3335	Mooring	2023-09-23	04:30:27	2023	8.227500	1.966300	33.50560
##	3336	Mooring	2023-09-23	04:40:27	2023	8.227800	1.981000	33.50540
##	3337	Mooring	2023-09-23	04:50:26	2023	8.228300	1.991700	33.50490
##	3338	Mooring	2023-09-23	05:00:27	2023	8.229300	2.019400	33.50390
##	3339	Mooring	2023-09-23	05:10:26	2023	8.229600	2.028500	33.50310
##	3340	Mooring	2023-09-23	05:20:27	2023	8.230300	2.046600	33.50240
##	3341	Mooring	2023-09-23	05:30:26	2023	8.230300	2.049200	33.50260
##	3342	Mooring	2023-09-23	05:40:27	2023	8.230500	2.042600	33.50290
##	3343	Mooring	2023-09-23	05:50:26	2023	8.229900	2.039900	33.50260
##	3344	Mooring	2023-09-23	06:00:27	2023	8.229100	2.021800	33.50330
##	3345	Mooring	2023-09-23	06:10:27	2023	8.229100	2.017600	33.50340
##	3346	Mooring	2023-09-23	06:20:26	2023	8.229600	2.026900	33.50280
##	3347	Mooring	2023-09-23	06:30:27	2023	8.229600	2.041100	33.50250
##	3348	Mooring	2023-09-23	06:40:26	2023	8.228400	2.009400	33.50370

##	3349	Mooring	2023-09-23	06:50:27	2023	8.227700	1.995700	33.50450
##	3350	Mooring	2023-09-23	07:00:26	2023	8.227100	1.983800	33.50510
##	3351	Mooring	2023-09-23	07:10:27	2023	8.227000	1.980700	33.50550
##	3352	Mooring	2023-09-23	07:20:26	2023	8.226100	1.961200	33.49840
##	3353	Mooring	2023-09-23	07:30:27	2023	8.226000	1.961900	33.50660
##	3354	Mooring	2023-09-23	07:40:27	2023	8.225900	1.959200	33.50660
##	3355	Mooring	2023-09-23	07:50:26	2023	8.226200	1.968100	33.50640
##	3356	Mooring	2023-09-23	08:00:27	2023	8.226300	1.968000	33.50640
##	3357	Mooring	2023-09-23	08:10:26	2023	8.226800	1.976900	33.50590
##	3358	Mooring	2023-09-23	08:20:27	2023	8.227400	1.997300	33.50530
##	3359	Mooring	2023-09-23	08:30:26	2023	8.227400	1.992600	33.50530
##	3360	Mooring	2023-09-23	08:40:27	2023	8.228200	2.018400	33.50460
##	3361	Mooring	2023-09-23	08:50:26	2023	8.228000	2.006000	33.50480
##	3362	Mooring	2023-09-23	09:00:27	2023	8.228300	2.006800	33.50470
##	3363	Mooring	2023-09-23	09:10:27	2023	8.228700	2.022900	33.50420
##	3364	Mooring	2023-09-23	09:20:26	2023	8.228900	2.024800	33.50410
##	3365	Mooring	2023-09-23	09:30:27	2023	8.229300	2.030600	33.50340
##	3366	Mooring	2023-09-23	09:40:26	2023	8.230100	2.055200	33.50260
##	3367	Mooring	2023-09-23	09:50:27	2023	8.230200	2.052100	33.50240
##	3368	Mooring	2023-09-23	10:00:26	2023	8.230600	2.067500	33.50200
##	3369	Mooring	2023-09-23	10:10:27	2023	8.231500	2.084400	33.50100
##	3370	Mooring	2023-09-23	10:20:26	2023	8.231800	2.105600	33.50050
##	3371	Mooring	2023-09-23	10:30:27	2023	8.232100	2.101200	33.50020
##	3372	Mooring	2023-09-23	10:40:27	2023	8.231700	2.083500	33.50070
##	3373	Mooring	2023-09-23	10:50:26	2023	8.232300	2.089700	33.50020
##	3374	Mooring	2023-09-23	11:00:27	2023	8.232900	2.119800	33.49920
##	3375	Mooring	2023-09-23	11:10:26	2023	8.233100	2.119700	33.49920
##	3376	Mooring	2023-09-23	11:20:27	2023	8.232600	2.097700	33.49990
##	3377	Mooring	2023-09-23	11:30:26	2023	8.232200	2.075800	33.50050
##	3378	Mooring	2023-09-23	11:40:27	2023	8.232400	2.077500	33.50000
##	3379	Mooring	2023-09-23	11:50:26	2023	8.232100	2.074400	33.50070
##	3380	Mooring	2023-09-23	12:00:27	2023	8.232500	2.084500	33.50000
##	3381	Mooring	2023-09-23	12:10:27	2023	8.232400	2.083000	33.49990
##	3382	Mooring	2023-09-23	12:20:26	2023	8.232400	2.081800	33.50040
##	3383	Mooring	2023-09-23	12:30:27	2023	8.231800	2.045600	33.50080
##	3384	Mooring	2023-09-23	12:40:26	2023	8.232000	2.036000	33.50100
##	3385	Mooring	2023-09-23	12:50:27	2023	8.231700	2.036500	33.50110
##	3386	Mooring	2023-09-23	13:00:26	2023	8.231700	2.031100	33.50100
##	3387	Mooring	2023-09-23	13:10:27	2023	8.231100	2.024600	33.50150
##	3388	Mooring	2023-09-23	13:20:26	2023	8.231200	2.033200	33.50180
##	3389	Mooring	2023-09-23	13:30:27	2023	8.231400	2.040100	33.50120
##	3390	Mooring	2023-09-23	13:40:27	2023	8.231800	2.041200	33.50100
##	3391	Mooring	2023-09-23	13:50:26	2023	8.232800	2.073100	33.50010
##	3392	Mooring	2023-09-23	14:00:27	2023	8.233600	2.084600	33.49930
##	3393	Mooring	2023-09-23	14:10:26	2023	8.235000	2.118500	33.49780
##	3394	Mooring	2023-09-23	14:20:27	2023	8.237300	2.174600	33.49530
##	3395	Mooring	2023-09-23	14:30:26	2023	8.238700	2.209800	33.49400
##	3396	Mooring	2023-09-23	14:40:27	2023	8.241100	2.266700	33.49180
##	3397	Mooring	2023-09-23	14:50:26	2023	8.243600	2.327700	33.48910
##	3398	Mooring	2023-09-23	15:00:27	2023	8.242900	2.310500	33.48970
##	3399	Mooring	2023-09-23	15:10:27	2023	8.243100	2.312500	33.48960
##	3400	Mooring	2023-09-23	15:20:26	2023	8.243600	2.322500	33.48930
##	3401	Mooring	2023-09-23	15:30:27	2023	8.243300	2.315500	33.48920
##	3402	Mooring	2023-09-23	15:40:26	2023	8.244400	2.336300	33.48840

##	3403	Mooring	2023-09-23	15:50:27	2023	8.244200	2.325900	33.48890
##	3404	Mooring	2023-09-23	16:00:26	2023	8.243800	2.312400	33.48920
##	3405	Mooring	2023-09-23	16:10:27	2023	8.243700	2.312800	33.48900
##	3406	Mooring	2023-09-23	16:20:26	2023	8.243500	2.306300	33.48970
##	3407	Mooring	2023-09-23	16:30:27	2023	8.243300	2.294400	33.48930
##	3408	Mooring	2023-09-23	16:40:27	2023	8.243100	2.287800	33.48990
##	3409	Mooring	2023-09-23	16:50:26	2023	8.242500	2.279000	33.49040
##	3410	Mooring	2023-09-23	17:00:27	2023	8.242100	2.274000	33.49040
##	3411	Mooring	2023-09-23	17:10:26	2023	8.241700	2.258600	33.49080
##	3412	Mooring	2023-09-23	17:20:27	2023	8.241200	2.247100	33.49110
##	3413	Mooring	2023-09-23	17:30:26	2023	8.239500	2.211400	33.49250
##	3414	Mooring	2023-09-23	17:40:27	2023	8.238800	2.208100	33.49310
##	3415	Mooring	2023-09-23	17:50:26	2023	8.241100	2.245400	33.49130
##	3416	Mooring	2023-09-23	18:00:27	2023	8.241700	2.257200	33.49060
##	3417	Mooring	2023-09-23	18:10:27	2023	8.243600	2.299500	33.48930
##	3418	Mooring	2023-09-23	18:20:26	2023	8.245400	2.338600	33.48760
##	3419	Mooring	2023-09-23	18:30:27	2023	8.249100	2.404600	33.48450
##	3420	Mooring	2023-09-23	18:40:26	2023	8.254300	2.491200	33.48040
##	3421	Mooring	2023-09-23	18:50:27	2023	8.257400	2.540100	33.47850
##	3422	Mooring	2023-09-23	19:00:26	2023	8.265200	2.643600	33.47390
##	3423	Mooring	2023-09-23	19:10:27	2023	8.268000	2.668100	33.47320
##	3424	Mooring	2023-09-23	19:20:26	2023	8.272800	2.707000	33.47240
##	3425	Mooring	2023-09-23	19:30:27	2023	8.279000	2.757300	33.47170
##	3426	Mooring	2023-09-23	19:40:27	2023	8.284600	2.817700	33.46950
##	3427	Mooring	2023-09-23	19:50:26	2023	8.290800	2.879500	33.46560
##	3428	Mooring	2023-09-23	20:00:27	2023	8.290500	2.883900	33.46730
##	3429	Mooring	2023-09-23	20:10:26	2023	8.293000	2.894800	33.46700
##	3430	Mooring	2023-09-23	20:20:27	2023	8.296900	2.910800	33.46640
##	3431	Mooring	2023-09-23	20:30:26	2023	8.305200	2.948700	33.46510
##	3432	Mooring	2023-09-23	20:40:27	2023	8.310200	2.963100	33.46530
##	3433	Mooring	2023-09-23	20:50:26	2023	8.320300	2.995100	33.46490
##	3434	Mooring	2023-09-23	21:00:27	2023	8.324700	3.007300	33.46470
##	3435	Mooring	2023-09-23	21:10:27	2023	8.332400	3.028600	33.46370
##	3436	Mooring	2023-09-23	21:20:26	2023	8.331400	3.027600	33.46430
##	3437	Mooring	2023-09-23	21:30:27	2023	8.339200	3.038600	33.46340
##	3438	Mooring	2023-09-23	21:40:26	2023	8.346000	3.051100	33.46180
##	3439	Mooring	2023-09-23	21:50:27	2023	8.345900	3.050300	33.46240
##	3440	Mooring	2023-09-23	22:00:26	2023	8.347200	3.055700	33.46240
##	3441	Mooring	2023-09-23	22:10:27	2023	8.347600	3.051800	33.46200
##	3442	Mooring	2023-09-23	22:20:26	2023	8.349300	3.057900	33.46160
##	3443	Mooring	2023-09-23	22:30:27	2023	8.348700	3.057800	33.46150
##	3444	Mooring	2023-09-23	22:40:27	2023	8.348600	3.055600	33.46230
##	3445	Mooring	2023-09-23	22:50:26	2023	8.348400	3.055900	33.46240
##	3446	Mooring	2023-09-23	23:00:27	2023	8.348600	3.057800	33.46270
##	3447	Mooring	2023-09-23	23:10:26	2023	8.351100	3.063200	33.46220
##	3448	Mooring	2023-09-23	23:20:27	2023	8.351700	3.057600	33.46260
##	3449	Mooring	2023-09-23	23:30:26	2023	8.355800	3.065900	33.46200
##	3450	Mooring	2023-09-23	23:40:27	2023	8.360300	3.075600	33.46120
##	3451	Mooring	2023-09-23	23:50:26	2023	8.366600	3.092800	33.46050
##	3452	Mooring	2023-09-24	00:00:27	2023	8.367700	3.105300	33.46010
##	3453	Mooring	2023-09-24	00:10:27	2023	8.370800	3.112800	33.45960
##	3454	Mooring	2023-09-24	00:20:26	2023	8.371300	3.124200	33.45940
##	3455	Mooring	2023-09-24	00:30:27	2023	8.371600	3.125800	33.45900
##	3456	Mooring	2023-09-24	00:40:26	2023	8.371700	3.132200	33.45870

##	3457	Mooring	2023-09-24	00:50:27	2023	8.371300	3.110800	33.45860
##	3458	Mooring	2023-09-24	01:00:26	2023	8.371100	3.141600	33.45770
##	3459	Mooring	2023-09-24	01:10:27	2023	8.370400	3.140800	33.45770
##	3460	Mooring	2023-09-24	01:20:26	2023	8.370300	3.149800	33.45730
##	3461	Mooring	2023-09-24	01:30:27	2023	8.371100	3.142000	33.45680
##	3462	Mooring	2023-09-24	01:40:27	2023	8.373500	3.137500	33.45760
##	3463	Mooring	2023-09-24	01:50:26	2023	8.375100	3.122400	33.45790
##	3464	Mooring	2023-09-24	02:00:27	2023	8.376400	3.114600	33.45840
##	3465	Mooring	2023-09-24	02:10:26	2023	8.378000	3.122300	33.45780
##	3466	Mooring	2023-09-24	02:20:27	2023	8.378600	3.113800	33.45790
##	3467	Mooring	2023-09-24	02:30:26	2023	8.377400	3.122300	33.45750
##	3468	Mooring	2023-09-24	02:40:27	2023	8.376800	3.130400	33.45680
##	3469	Mooring	2023-09-24	02:50:26	2023	8.376500	3.129200	33.45580
##	3470	Mooring	2023-09-24	03:00:27	2023	8.374600	3.136700	33.45480
##	3471	Mooring	2023-09-24	03:10:27	2023	8.372500	3.138300	33.45370
##	3472	Mooring	2023-09-24	03:20:26	2023	8.369500	3.143200	33.45230
##	3473	Mooring	2023-09-24	03:30:27	2023	8.368300	3.151400	33.45140
##	3474	Mooring	2023-09-24	03:40:26	2023	8.366800	3.152700	33.45080
##	3475	Mooring	2023-09-24	03:50:27	2023	8.364100	3.164400	33.44970
##	3476	Mooring	2023-09-24	04:00:26	2023	8.360600	3.164200	33.44830
##	3477	Mooring	2023-09-24	04:10:27	2023	8.358600	3.163200	33.44750
##	3478	Mooring	2023-09-24	04:20:26	2023	8.353800	3.166300	33.44510
##	3479	Mooring	2023-09-24	04:30:27	2023	8.353000	3.166300	33.44480
##	3480	Mooring	2023-09-24	04:40:27	2023	8.351100	3.166400	33.44410
##	3481	Mooring	2023-09-24	04:50:26	2023	8.349900	3.158800	33.44360
##	3482	Mooring	2023-09-24	05:00:27	2023	8.349000	3.166200	33.44280
##	3483	Mooring	2023-09-24	05:10:26	2023	8.347500	3.163600	33.44190
##	3484	Mooring	2023-09-24	05:20:27	2023	8.347300	3.169400	33.44090
##	3485	Mooring	2023-09-24	05:30:26	2023	8.345700	3.179800	33.43970
##	3486	Mooring	2023-09-24	05:40:27	2023	8.345300	3.192900	33.43740
##	3487	Mooring	2023-09-24	05:50:26	2023	8.345500	3.203200	33.43680
##	3488	Mooring	2023-09-24	06:00:27	2023	8.346100	3.207400	33.43570
##	3489	Mooring	2023-09-24	06:10:27	2023	8.347400	3.209900	33.43470
##	3490	Mooring	2023-09-24	06:20:26	2023	8.348100	3.209100	33.43440
##	3491	Mooring	2023-09-24	06:30:27	2023	8.352000	3.204100	33.43270
##	3492	Mooring	2023-09-24	06:40:26	2023	8.352300	3.196500	33.43220
##	3493	Mooring	2023-09-24	06:50:27	2023	8.354100	3.179400	33.43150
##	3494	Mooring	2023-09-24	07:00:26	2023	8.357300	3.160000	33.43080
##	3495	Mooring	2023-09-24	07:10:27	2023	8.359100	3.142200	33.43060
##	3496	Mooring	2023-09-24	07:20:26	2023	8.361500	3.125900	33.43020
##	3497	Mooring	2023-09-24	07:30:27	2023	8.362600	3.112700	33.43010
##	3498	Mooring	2023-09-24	07:40:27	2023	8.364200	3.100000	33.42970
##	3499	Mooring	2023-09-24	07:50:26	2023	8.365700	3.089100	33.42940
##	3500	Mooring	2023-09-24	08:00:27	2023	8.366500	3.080700	33.42940
##	3501	Mooring	2023-09-24	08:10:26	2023	8.368700	3.068500	33.42950
##	3502	Mooring	2023-09-24	08:20:27	2023	8.370100	3.055400	33.42880
##	3503	Mooring	2023-09-24	08:30:26	2023	8.371300	3.048400	33.42880
##	3504	Mooring	2023-09-24	08:40:27	2023	8.373200	3.035700	33.42860
##	3505	Mooring	2023-09-24	08:50:26	2023	8.372500	3.029600	33.42830
##	3506	Mooring	2023-09-24	09:00:27	2023	8.372500	3.020000	33.42840
##	3507	Mooring	2023-09-24	09:10:27	2023	8.372800	3.013800	33.42810
##	3508	Mooring	2023-09-24	09:20:26	2023	8.372500	3.006900	33.42800
##	3509	Mooring	2023-09-24	09:30:27	2023	8.372000	3.000000	33.42750
##	3510	Mooring	2023-09-24	09:40:26	2023	8.371400	2.996000	33.42640

##	3511	Mooring	2023-09-24	09:50:27	2023	8.369900	2.992600	33.42610
##	3512	Mooring	2023-09-24	10:00:26	2023	8.368900	2.987800	33.42560
##	3513	Mooring	2023-09-24	10:10:27	2023	8.368500	2.982000	33.42540
##	3514	Mooring	2023-09-24	10:20:26	2023	8.368600	2.971300	33.42490
##	3515	Mooring	2023-09-24	10:30:27	2023	8.368900	2.956000	33.42440
##	3516	Mooring	2023-09-24	10:40:27	2023	8.371600	2.930500	33.42320
##	3517	Mooring	2023-09-24	10:50:26	2023	8.371600	2.916800	33.42390
##	3518	Mooring	2023-09-24	11:00:27	2023	8.375400	2.881900	33.42390
##	3519	Mooring	2023-09-24	11:10:26	2023	8.379200	2.853800	33.42340
##	3520	Mooring	2023-09-24	11:20:27	2023	8.379800	2.840800	33.42380
##	3521	Mooring	2023-09-24	11:30:26	2023	8.382300	2.817600	33.42390
##	3522	Mooring	2023-09-24	11:40:27	2023	8.385000	2.800600	33.42380
##	3523	Mooring	2023-09-24	11:50:26	2023	8.386400	2.785200	33.42340
##	3524	Mooring	2023-09-24	12:00:27	2023	8.388700	2.782500	33.42330
##	3525	Mooring	2023-09-24	12:10:27	2023	8.395200	2.794800	33.42110
##	3526	Mooring	2023-09-24	12:20:26	2023	8.401200	2.803200	33.41960
##	3527	Mooring	2023-09-24	12:30:27	2023	8.411100	2.814000	33.41780
##	3528	Mooring	2023-09-24	12:40:26	2023	8.416300	2.818600	33.41740
##	3529	Mooring	2023-09-24	12:50:27	2023	8.422100	2.801700	33.41720
##	3530	Mooring	2023-09-24	13:00:26	2023	8.429300	2.765700	33.41790
##	3531	Mooring	2023-09-24	13:10:27	2023	8.439000	2.733600	33.41880
##	3532	Mooring	2023-09-24	13:20:26	2023	8.447100	2.696000	33.41940
##	3533	Mooring	2023-09-24	13:30:27	2023	8.458200	2.646600	33.42080
##	3534	Mooring	2023-09-24	13:40:27	2023	8.465700	2.613000	33.42130
##	3535	Mooring	2023-09-24	13:50:26	2023	8.470000	2.591400	33.42200
##	3536	Mooring	2023-09-24	14:00:27	2023	8.471200	2.586400	33.42160
##	3537	Mooring	2023-09-24	14:10:26	2023	8.467600	2.590900	33.42210
##	3538	Mooring	2023-09-24	14:20:27	2023	8.466200	2.599000	33.42150
##	3539	Mooring	2023-09-24	14:30:26	2023	8.463300	2.606500	33.42150
##	3540	Mooring	2023-09-24	14:40:27	2023	8.461000	2.610400	33.42110
##	3541	Mooring	2023-09-24	14:50:26	2023	8.457300	2.628700	33.42020
##	3542	Mooring	2023-09-24	15:00:27	2023	8.452500	2.638600	33.41980
##	3543	Mooring	2023-09-24	15:10:27	2023	8.446700	2.653600	33.41880
##	3544	Mooring	2023-09-24	15:20:26	2023	8.439300	2.673200	33.41830
##	3545	Mooring	2023-09-24	15:30:27	2023	8.436000	2.676500	33.41760
##	3546	Mooring	2023-09-24	15:40:26	2023	8.429700	2.688800	33.41780
##	3547	Mooring	2023-09-24	15:50:27	2023	8.423600	2.704900	33.41720
##	3548	Mooring	2023-09-24	16:00:26	2023	8.418600	2.715200	33.41680
##	3549	Mooring	2023-09-24	16:10:27	2023	8.404400	2.757200	33.41630
##	3550	Mooring	2023-09-24	16:20:26	2023	8.390400	2.786500	33.41600
##	3551	Mooring	2023-09-24	16:30:27	2023	8.391500	2.780500	33.41610
##	3552	Mooring	2023-09-24	16:40:27	2023	8.384400	2.778400	33.41680
##	3553	Mooring	2023-09-24	16:50:26	2023	8.375600	2.771600	33.41800
##	3554	Mooring	2023-09-24	17:00:27	2023	8.366200	2.746500	33.42070
##	3555	Mooring	2023-09-24	17:10:26	2023	8.358000	2.667300	33.42710
##	3556	Mooring	2023-09-24	17:20:27	2023	8.364300	2.697400	33.42460
##	3557	Mooring	2023-09-24	17:30:26	2023	8.357500	2.680300	33.42510
##	3558	Mooring	2023-09-24	17:40:27	2023	8.353400	2.638200	33.42830
##	3559	Mooring	2023-09-24	17:50:26	2023	8.350500	2.611700	33.42950
##	3560	Mooring	2023-09-24	18:00:27	2023	8.347000	2.592700	33.43070
##	3561	Mooring	2023-09-24	18:10:27	2023	8.346900	2.586200	33.43070
##	3562	Mooring	2023-09-24	18:20:26	2023	8.343800	2.565600	33.43160
##	3563	Mooring	2023-09-24	18:30:27	2023	8.342900	2.560000	33.43160
##	3564	Mooring	2023-09-24	18:40:26	2023	8.340900	2.552900	33.43130

##	3565	Mooring	2023-09-24	18:50:27	2023	8.339900	2.544100	33.43170
##	3566	Mooring	2023-09-24	19:00:26	2023	8.339500	2.542600	33.43130
##	3567	Mooring	2023-09-24	19:10:27	2023	8.336900	2.535800	33.43200
##	3568	Mooring	2023-09-24	19:20:26	2023	8.336100	2.527000	33.43210
##	3569	Mooring	2023-09-24	19:30:27	2023	8.335100	2.524400	33.43200
##	3570	Mooring	2023-09-24	19:40:27	2023	8.334300	2.520600	33.43200
##	3571	Mooring	2023-09-24	19:50:26	2023	8.333600	2.518300	33.43220
##	3572	Mooring	2023-09-24	20:00:27	2023	8.333700	2.520600	33.43120
##	3573	Mooring	2023-09-24	20:10:26	2023	8.333700	2.517600	33.43090
##	3574	Mooring	2023-09-24	20:20:27	2023	8.333400	2.529900	33.43080
##	3575	Mooring	2023-09-24	20:30:26	2023	8.333100	2.536400	33.43030
##	3576	Mooring	2023-09-24	20:40:27	2023	8.333200	2.536800	33.42970
##	3577	Mooring	2023-09-24	20:50:26	2023	8.333400	2.548300	33.42900
##	3578	Mooring	2023-09-24	21:00:27	2023	8.333100	2.556800	33.42860
##	3579	Mooring	2023-09-24	21:10:27	2023	8.333000	2.565600	33.42790
##	3580	Mooring	2023-09-24	21:20:26	2023	8.332900	2.569900	33.42760
##	3581	Mooring	2023-09-24	21:30:27	2023	8.332300	2.584100	33.42710
##	3582	Mooring	2023-09-24	21:40:26	2023	8.332600	2.589900	33.42620
##	3583	Mooring	2023-09-24	21:50:27	2023	8.332300	2.600300	33.42570
##	3584	Mooring	2023-09-24	22:00:26	2023	8.332000	2.621800	33.42470
##	3585	Mooring	2023-09-24	22:10:27	2023	8.331800	2.625200	33.42400
##	3586	Mooring	2023-09-24	22:20:26	2023	8.331200	2.650300	33.42300
##	3587	Mooring	2023-09-24	22:30:27	2023	8.331800	2.668700	33.42210
##	3588	Mooring	2023-09-24	22:40:27	2023	8.332200	2.692800	33.42060
##	3589	Mooring	2023-09-24	22:50:26	2023	8.332000	2.718700	33.41910
##	3590	Mooring	2023-09-24	23:00:27	2023	8.331500	2.764400	33.41670
##	3591	Mooring	2023-09-24	23:10:26	2023	8.331400	2.804300	33.41510
##	3592	Mooring	2023-09-24	23:20:27	2023	8.332000	2.842700	33.41260
##	3593	Mooring	2023-09-24	23:30:26	2023	8.333000	2.892200	33.41000
##	3594	Mooring	2023-09-24	23:40:27	2023	8.334500	2.923900	33.40700
##	3595	Mooring	2023-09-24	23:50:26	2023	8.336200	2.980400	33.40240
##	3596	Mooring	2023-09-25	00:00:27	2023	8.337300	3.045600	33.39860
##	3597	Mooring	2023-09-25	00:10:27	2023	8.339500	3.140500	33.39180
##	3598	Mooring	2023-09-25	00:20:26	2023	8.342600	3.190800	33.38720
##	3599	Mooring	2023-09-25	00:30:27	2023	8.344400	3.239500	33.38390
##	3600	Mooring	2023-09-25	00:40:26	2023	8.345800	3.282800	33.38030
##	3601	Mooring	2023-09-25	00:50:27	2023	8.349000	3.349800	33.37510
##	3602	Mooring	2023-09-25	01:00:26	2023	8.352700	3.418400	33.36820
##	3603	Mooring	2023-09-25	01:10:27	2023	8.357000	3.493800	33.36100
##	3604	Mooring	2023-09-25	01:20:26	2023	8.357800	3.525500	33.35750
##	3605	Mooring	2023-09-25	01:30:27	2023	8.366100	3.616200	33.34780
##	3606	Mooring	2023-09-25	01:40:27	2023	8.372500	3.630300	33.34400
##	3607	Mooring	2023-09-25	01:50:26	2023	8.383800	3.654400	33.33830
##	3608	Mooring	2023-09-25	02:00:27	2023	8.396700	3.655600	33.33300
##	3609	Mooring	2023-09-25	02:10:26	2023	8.406800	3.662100	33.32850
##	3610	Mooring	2023-09-25	02:20:27	2023	8.428800	3.664200	33.32140
##	3611	Mooring	2023-09-25	02:30:26	2023	8.442800	3.645700	33.31840
##	3612	Mooring	2023-09-25	02:40:27	2023	8.456900	3.598800	33.31730
##	3613	Mooring	2023-09-25	02:50:26	2023	8.472000	3.562000	33.31640
##	3614	Mooring	2023-09-25	03:00:27	2023	8.487700	3.531600	33.31540
##	3615	Mooring	2023-09-25	03:10:27	2023	8.513400	3.489600	33.31300
##	3616	Mooring	2023-09-25	03:20:26	2023	8.546100	3.416100	33.31410
##	3617	Mooring	2023-09-25	03:30:27	2023	8.581800	3.358000	33.31330
##	3618	Mooring	2023-09-25	03:40:26	2023	8.598300	3.312300	33.31640

##	3619	Mooring	2023-09-25	03:50:27	2023	8.637100	3.300500	33.31290
##	3620	Mooring	2023-09-25	04:00:26	2023	8.680800	3.317400	33.30800
##	3621	Mooring	2023-09-25	04:10:27	2023	8.702000	3.328400	33.30620
##	3622	Mooring	2023-09-25	04:20:26	2023	8.753200	3.333000	33.30370
##	3623	Mooring	2023-09-25	04:30:27	2023	8.768600	3.329200	33.29660
##	3624	Mooring	2023-09-25	04:40:27	2023	8.772100	3.304600	33.29360
##	3625	Mooring	2023-09-25	04:50:26	2023	8.773400	3.275600	33.29290
##	3626	Mooring	2023-09-25	05:00:27	2023	8.777200	3.252000	33.29280
##	3627	Mooring	2023-09-25	05:10:26	2023	8.796800	3.257200	33.28880
##	3628	Mooring	2023-09-25	05:20:27	2023	8.803100	3.294400	33.28620
##	3629	Mooring	2023-09-25	05:30:26	2023	8.884500	3.286400	33.28700
##	3630	Mooring	2023-09-25	05:40:27	2023	8.872000	3.224800	33.28830
##	3631	Mooring	2023-09-25	05:50:26	2023	8.917800	3.160400	33.28650
##	3632	Mooring	2023-09-25	06:00:27	2023	8.964600	3.134300	33.28460
##	3633	Mooring	2023-09-25	06:10:27	2023	9.046900	3.206900	33.26550
##	3634	Mooring	2023-09-25	06:20:26	2023	9.134700	3.267600	33.25290
##	3635	Mooring	2023-09-25	06:30:27	2023	9.318600	3.338900	33.23360
##	3636	Mooring	2023-09-25	06:40:26	2023	9.480600	3.249900	33.23240
##	3637	Mooring	2023-09-25	06:50:27	2023	9.661500	3.093000	33.23310
##	3638	Mooring	2023-09-25	07:00:26	2023	9.869000	3.024900	33.22970
##	3639	Mooring	2023-09-25	07:10:27	2023	10.003400	3.126500	33.21730
##	3640	Mooring	2023-09-25	07:20:26	2023	10.045000	3.261700	33.20320
##	3641	Mooring	2023-09-25	07:30:27	2023	10.041900	3.254700	33.20010
##	3642	Mooring	2023-09-25	07:40:27	2023	10.083100	3.368800	33.19150
##	3643	Mooring	2023-09-25	07:50:26	2023	10.156100	3.540000	33.17980
##	3644	Mooring	2023-09-25	08:00:27	2023	10.241900	3.721900	33.16400
##	3645	Mooring	2023-09-25	08:10:26	2023	10.264800	3.683600	33.16900
##	3646	Mooring	2023-09-25	08:20:27	2023	10.403400	3.963300	33.14230
##	3647	Mooring	2023-09-25	08:30:26	2023	10.488800	4.104300	33.12810
##	3648	Mooring	2023-09-25	08:40:27	2023	10.551400	4.315400	33.11060
##	3649	Mooring	2023-09-25	08:50:26	2023	10.618900	4.491700	33.09270
##	3650	Mooring	2023-09-25	09:00:27	2023	10.630100	4.426900	33.08810
##	3651	Mooring	2023-09-25	09:10:27	2023	10.617300	4.369300	33.09790
##	3652	Mooring	2023-09-25	09:20:26	2023	10.629000	4.384700	33.09460
##	3653	Mooring	2023-09-25	09:30:27	2023	10.752900	4.675700	33.06430
##	3654	Mooring	2023-09-25	09:40:26	2023	10.883200	4.950300	33.03360
##	3655	Mooring	2023-09-25	09:50:27	2023	10.949700	5.076100	33.01920
##	3656	Mooring	2023-09-25	10:00:26	2023	11.043300	5.258200	32.99970
##	3657	Mooring	2023-09-25	10:10:27	2023	11.169200	5.488800	32.97310
##	3658	Mooring	2023-09-25	10:20:26	2023	11.274000	5.751600	32.94850
##	3659	Mooring	2023-09-25	10:30:27	2023	11.299400	5.866100	32.93660
##	3660	Mooring	2023-09-25	10:40:27	2023	11.337700	5.979200	32.92650
##	3661	Mooring	2023-09-25	10:50:26	2023	11.366700	6.033500	32.92030
##	3662	Mooring	2023-09-25	11:00:27	2023	11.392200	6.068200	32.91330
##	3663	Mooring	2023-09-25	11:10:26	2023	11.412300	6.082300	32.91140
##	3664	Mooring	2023-09-25	11:20:27	2023	11.388300	6.051100	32.90860
##	3665	Mooring	2023-09-25	11:30:26	2023	11.345100	5.942600	32.93240
##	3666	Mooring	2023-09-25	11:40:27	2023	11.271000	5.695100	32.95150
##	3667	Mooring	2023-09-25	11:50:26	2023	11.084300	5.183500	32.99990
##	3668	Mooring	2023-09-25	12:00:27	2023	11.036000	5.084700	33.00700
##	3669	Mooring	2023-09-25	12:10:27	2023	10.958200	4.908900	33.02510
##	3670	Mooring	2023-09-25	12:20:26	2023	10.712500	4.350900	33.07260
##	3671	Mooring	2023-09-25	12:30:27	2023	10.780500	4.523700	33.05960
##	3672	Mooring	2023-09-25	12:40:26	2023	11.061600	5.253700	33.00070

##	3673	Mooring	2023-09-25	12:50:27	2023	11.168500	5.419900	32.97970
##	3674	Mooring	2023-09-25	13:00:26	2023	11.318400	5.774700	32.94860
##	3675	Mooring	2023-09-25	13:10:27	2023	11.303100	5.638500	32.95820
##	3676	Mooring	2023-09-25	13:20:26	2023	11.229200	5.467100	32.97460
##	3677	Mooring	2023-09-25	13:30:27	2023	11.337900	5.741700	32.94790
##	3678	Mooring	2023-09-25	13:40:27	2023	11.391100	5.866900	32.93640
##	3679	Mooring	2023-09-25	13:50:26	2023	11.319800	5.651200	32.95920
##	3680	Mooring	2023-09-25	14:00:27	2023	11.396200	5.731000	32.95030
##	3681	Mooring	2023-09-25	14:10:26	2023	11.497100	5.912700	32.93120
##	3682	Mooring	2023-09-25	14:20:27	2023	11.450300	5.724900	32.95020
##	3683	Mooring	2023-09-25	14:30:26	2023	11.417500	5.654500	32.95590
##	3684	Mooring	2023-09-25	14:40:27	2023	11.410500	5.646800	32.95450
##	3685	Mooring	2023-09-25	14:50:26	2023	11.372900	5.492800	32.97480
##	3686	Mooring	2023-09-25	15:00:27	2023	11.305600	5.296500	32.99110
##	3687	Mooring	2023-09-25	15:10:27	2023	11.257500	5.160400	33.00480
##	3688	Mooring	2023-09-25	15:20:26	2023	11.188100	5.008900	33.01990
##	3689	Mooring	2023-09-25	15:30:27	2023	11.144900	4.917800	33.02670
##	3690	Mooring	2023-09-25	15:40:26	2023	11.088300	4.795500	33.03950
##	3691	Mooring	2023-09-25	15:50:27	2023	11.044100	4.728500	33.04230
##	3692	Mooring	2023-09-25	16:00:26	2023	11.054800	4.738400	33.03610
##	3693	Mooring	2023-09-25	16:10:27	2023	11.164300	4.898800	33.01550
##	3694	Mooring	2023-09-25	16:20:26	2023	11.198100	4.986400	33.00760
##	3695	Mooring	2023-09-25	16:30:27	2023	11.239600	5.015400	33.00850
##	3696	Mooring	2023-09-25	16:40:27	2023	11.417900	5.321800	32.96850
##	3697	Mooring	2023-09-25	16:50:26	2023	11.569900	5.547800	32.94770
##	3698	Mooring	2023-09-25	17:00:27	2023	11.128100	4.886700	33.01910
##	3699	Mooring	2023-09-25	17:10:26	2023	11.179300	4.854100	33.00660
##	3700	Mooring	2023-09-25	17:20:27	2023	11.797300	5.844200	32.91850
##	3701	Mooring	2023-09-25	17:30:26	2023	11.529400	5.445900	32.95830
##	3702	Mooring	2023-09-25	17:40:27	2023	11.436500	5.298100	32.97160
##	3703	Mooring	2023-09-25	17:50:26	2023	11.453200	5.288300	32.97210
##	3704	Mooring	2023-09-25	18:00:27	2023	11.457400	5.287400	32.97710
##	3705	Mooring	2023-09-25	18:10:27	2023	11.457200	5.271400	32.97110
##	3706	Mooring	2023-09-25	18:20:26	2023	11.365500	5.121000	32.98560
##	3707	Mooring	2023-09-25	18:30:27	2023	11.327400	5.046100	32.99160
##	3708	Mooring	2023-09-25	18:40:26	2023	11.334400	5.054800	32.98950
##	3709	Mooring	2023-09-25	18:50:27	2023	11.358000	5.095200	32.98360
##	3710	Mooring	2023-09-25	19:00:26	2023	11.361000	5.074900	32.98360
##	3711	Mooring	2023-09-25	19:10:27	2023	11.365100	5.066000	32.98410
##	3712	Mooring	2023-09-25	19:20:26	2023	11.368500	5.068800	32.98430
##	3713	Mooring	2023-09-25	19:30:27	2023	11.369800	5.063400	32.97150
##	3714	Mooring	2023-09-25	19:40:27	2023	11.366200	5.044500	32.98290
##	3715	Mooring	2023-09-25	19:50:26	2023	11.364300	5.043000	32.98200
##	3716	Mooring	2023-09-25	20:00:27	2023	11.275300	4.909100	32.99440
##	3717	Mooring	2023-09-25	20:10:26	2023	11.307300	4.940500	32.99310
##	3718	Mooring	2023-09-25	20:20:27	2023	11.370500	5.018400	32.98340
##	3719	Mooring	2023-09-25	20:30:26	2023	11.381700	4.998300	32.98890
##	3720	Mooring	2023-09-25	20:40:27	2023	11.345300	4.952000	32.99020
##	3721	Mooring	2023-09-25	20:50:26	2023	11.356500	4.949000	32.98770
##	3722	Mooring	2023-09-25	21:00:27	2023	11.394900	5.011900	32.98180
##	3723	Mooring	2023-09-25	21:10:27	2023	11.420200	5.033700	32.97780
##	3724	Mooring	2023-09-25	21:20:26	2023	11.472800	5.154000	32.96120
##	3725	Mooring	2023-09-25	21:30:27	2023	11.481800	5.210100	32.95430
##	3726	Mooring	2023-09-25	21:40:26	2023	11.686100	5.602600	32.90560

##	3727	Mooring	2023-09-25	21:50:27	2023	11.852300	5.945200	32.86000
##	3728	Mooring	2023-09-25	22:00:26	2023	11.984800	6.197300	32.81330
##	3729	Mooring	2023-09-25	22:10:27	2023	12.067500	6.343500	32.81000
##	3730	Mooring	2023-09-25	22:20:26	2023	12.230000	6.583700	32.78660
##	3731	Mooring	2023-09-25	22:30:27	2023	12.358300	6.788700	32.76150
##	3732	Mooring	2023-09-25	22:40:27	2023	12.438000	6.906300	32.75170
##	3733	Mooring	2023-09-25	22:50:26	2023	12.422500	6.822500	32.76910
##	3734	Mooring	2023-09-25	23:00:27	2023	12.415100	6.790600	32.77370
##	3735	Mooring	2023-09-25	23:10:26	2023	12.440000	6.834800	32.73430
##	3736	Mooring	2023-09-25	23:20:27	2023	12.486300	6.875000	32.76030
##	3737	Mooring	2023-09-25	23:30:26	2023	12.534700	6.853800	32.77020
##	3738	Mooring	2023-09-25	23:40:27	2023	12.576900	6.908500	32.76540
##	3739	Mooring	2023-09-25	23:50:26	2023	12.623600	7.004800	32.75680
##	3740	Mooring	2023-09-26	00:00:27	2023	12.661000	7.061300	32.74590
##	3741	Mooring	2023-09-26	00:10:27	2023	12.676700	7.106000	32.73760
##	3742	Mooring	2023-09-26	00:20:26	2023	12.682500	7.135800	32.72810
##	3743	Mooring	2023-09-26	00:30:27	2023	12.687200	7.147400	32.72570
##	3744	Mooring	2023-09-26	00:40:26	2023	12.686800	7.165000	32.71350
##	3745	Mooring	2023-09-26	00:50:27	2023	12.686700	7.163500	32.71950
##	3746	Mooring	2023-09-26	01:00:26	2023	12.678600	7.167900	32.71050
##	3747	Mooring	2023-09-26	01:10:27	2023	12.686300	7.178500	32.70080
##	3748	Mooring	2023-09-26	01:20:26	2023	12.698400	7.179400	32.71220
##	3749	Mooring	2023-09-26	01:30:27	2023	12.701600	7.174700	32.70810
##	3750	Mooring	2023-09-26	01:40:27	2023	12.702100	7.166200	32.70610
##	3751	Mooring	2023-09-26	01:50:26	2023	12.708400	7.171400	32.71640
##	3752	Mooring	2023-09-26	02:00:27	2023	12.713400	7.181500	32.71400
##	3753	Mooring	2023-09-26	02:10:26	2023	12.723500	7.197400	32.70770
##	3754	Mooring	2023-09-26	02:20:27	2023	12.731700	7.215900	32.70370
##	3755	Mooring	2023-09-26	02:30:26	2023	12.740700	7.246500	32.69720
##	3756	Mooring	2023-09-26	02:40:27	2023	12.757800	7.278300	32.68790
##	3757	Mooring	2023-09-26	02:50:26	2023	12.775400	7.308800	32.68390
##	3758	Mooring	2023-09-26	03:00:27	2023	12.793600	7.300400	32.68220
##	3759	Mooring	2023-09-26	03:10:27	2023	12.811200	7.318200	32.68850
##	3760	Mooring	2023-09-26	03:20:26	2023	12.829800	7.305200	32.68970
##	3761	Mooring	2023-09-26	03:30:27	2023	12.836800	7.291500	32.69170
##	3762	Mooring	2023-09-26	03:40:26	2023	12.832100	7.289900	32.68780
##	3763	Mooring	2023-09-26	03:50:27	2023	12.819900	7.291200	32.68040
##	3764	Mooring	2023-09-26	04:00:26	2023	12.808700	7.281600	32.67570
##	3765	Mooring	2023-09-26	04:10:27	2023	12.795200	7.277600	32.66950
##	3766	Mooring	2023-09-26	04:20:26	2023	12.788200	7.270400	32.66950
##	3767	Mooring	2023-09-26	04:30:27	2023	12.778700	7.251800	32.66210
##	3768	Mooring	2023-09-26	04:40:27	2023	12.779600	7.254200	32.66400
##	3769	Mooring	2023-09-26	04:50:26	2023	12.410500	6.524000	32.75450
##	3770	Mooring	2023-09-26	05:00:27	2023	12.028400	5.836900	32.83580
##	3771	Mooring	2023-09-26	05:10:26	2023	11.924400	5.634900	32.85600
##	3772	Mooring	2023-09-26	05:20:27	2023	12.027300	5.838000	32.83470
##	3773	Mooring	2023-09-26	05:30:26	2023	12.172700	6.082300	32.79880
##	3774	Mooring	2023-09-26	05:40:27	2023	11.932500	5.703600	32.84120
##	3775	Mooring	2023-09-26	05:50:26	2023	12.428900	6.479900	32.73490
##	3776	Mooring	2023-09-26	06:00:27	2023	12.520100	6.741800	32.70410
##	3777	Mooring	2023-09-26	06:10:27	2023	12.692200	7.051400	32.65950
##	3778	Mooring	2023-09-26	06:20:26	2023	12.753300	7.192000	32.63240
##	3779	Mooring	2023-09-26	06:30:27	2023	12.755900	7.168400	32.64380
##	3780	Mooring	2023-09-26	06:40:26	2023	12.773000	7.175700	32.62520

##	3781	Mooring	2023-09-26	06:50:27	2023	12.781900	7.164400	32.63740
##	3782	Mooring	2023-09-26	07:00:26	2023	12.504400	6.645300	32.70260
##	3783	Mooring	2023-09-26	07:10:27	2023	12.564800	6.718300	32.68800
##	3784	Mooring	2023-09-26	07:20:26	2023	12.666100	6.936500	32.65090
##	3785	Mooring	2023-09-26	07:30:27	2023	12.771900	7.080300	32.60820
##	3786	Mooring	2023-09-26	07:40:27	2023	12.806300	7.082700	32.63520
##	3787	Mooring	2023-09-26	07:50:26	2023	12.858900	7.126400	32.63840
##	3788	Mooring	2023-09-26	08:00:27	2023	12.866900	7.123300	32.64060
##	3789	Mooring	2023-09-26	08:10:26	2023	12.863800	7.133900	32.64470
##	3790	Mooring	2023-09-26	08:20:27	2023	12.839900	7.115400	32.62360
##	3791	Mooring	2023-09-26	08:30:26	2023	12.946700	7.201300	32.61420
##	3792	Mooring	2023-09-26	08:40:27	2023	12.924200	7.171000	32.63920
##	3793	Mooring	2023-09-26	08:50:26	2023	12.925400	7.165400	32.64200
##	3794	Mooring	2023-09-26	09:00:27	2023	12.904400	7.182100	32.63900
##	3795	Mooring	2023-09-26	09:10:27	2023	12.957500	7.245300	32.61710
##	3796	Mooring	2023-09-26	09:20:26	2023	12.987600	7.275000	32.61820
##	3797	Mooring	2023-09-26	09:30:27	2023	12.990000	7.273500	32.61530
##	3798	Mooring	2023-09-26	09:40:26	2023	13.008400	7.289600	32.60820
##	3799	Mooring	2023-09-26	09:50:27	2023	13.019100	7.281600	32.61000
##	3800	Mooring	2023-09-26	10:00:26	2023	13.063200	7.410400	32.59550
##	3801	Mooring	2023-09-26	10:10:27	2023	13.050300	7.410500	32.59290
##	3802	Mooring	2023-09-26	10:20:26	2023	13.062800	7.388100	32.61060
##	3803	Mooring	2023-09-26	10:30:27	2023	13.079000	7.415700	32.60760
##	3804	Mooring	2023-09-26	10:40:27	2023	13.088700	7.420200	32.60730
##	3805	Mooring	2023-09-26	10:50:26	2023	13.101500	7.427900	32.59560
##	3806	Mooring	2023-09-26	11:00:27	2023	13.136200	7.427800	32.59910
##	3807	Mooring	2023-09-26	11:10:26	2023	13.163400	7.445700	32.59000
##	3808	Mooring	2023-09-26	11:20:27	2023	13.191000	7.458500	32.59150
##	3809	Mooring	2023-09-26	11:30:26	2023	13.204300	7.466900	32.58260
##	3810	Mooring	2023-09-26	11:40:27	2023	13.244200	7.493200	32.56930
##	3811	Mooring	2023-09-26	11:50:26	2023	13.237800	7.505500	32.55180
##	3812	Mooring	2023-09-26	12:00:27	2023	13.248700	7.538500	32.53130
##	3813	Mooring	2023-09-26	12:10:27	2023	13.263600	7.599700	32.50470
##	3814	Mooring	2023-09-26	12:20:26	2023	13.280200	7.593900	32.52170
##	3815	Mooring	2023-09-26	12:30:27	2023	13.289100	7.589100	32.52690
##	3816	Mooring	2023-09-26	12:40:26	2023	13.297500	7.584000	32.52300
##	3817	Mooring	2023-09-26	12:50:27	2023	13.292900	7.561300	32.53330
##	3818	Mooring	2023-09-26	13:00:26	2023	13.235300	7.479000	32.56410
##	3819	Mooring	2023-09-26	13:10:27	2023	13.173000	7.394400	32.58560
##	3820	Mooring	2023-09-26	13:20:26	2023	13.135900	7.389600	32.59000
##	3821	Mooring	2023-09-26	13:30:27	2023	13.099200	7.401200	32.58220
##	3822	Mooring	2023-09-26	13:40:27	2023	13.076700	7.428100	32.57320
##	3823	Mooring	2023-09-26	13:50:26	2023	13.039400	7.474600	32.55060
##	3824	Mooring	2023-09-26	14:00:27	2023	13.019700	7.526600	32.52470
##	3825	Mooring	2023-09-26	14:10:26	2023	13.006600	7.573600	32.51560
##	3826	Mooring	2023-09-26	14:20:27	2023	12.990400	7.627300	32.47910
##	3827	Mooring	2023-09-26	14:30:26	2023	12.973400	7.678000	32.47700
##	3828	Mooring	2023-09-26	14:40:27	2023	12.959400	7.704600	32.46680
##	3829	Mooring	2023-09-26	14:50:26	2023	12.946600	7.724400	32.46420
##	3830	Mooring	2023-09-26	15:00:27	2023	12.925500	7.733600	32.46780
##	3831	Mooring	2023-09-26	15:10:27	2023	12.900500	7.753800	32.46360
##	3832	Mooring	2023-09-26	15:20:26	2023	12.878600	7.801600	32.45300
##	3833	Mooring	2023-09-26	15:30:27	2023	12.882300	7.818800	32.44440
##	3834	Mooring	2023-09-26	15:40:26	2023	12.910200	7.804500	32.44360

##	3835	Mooring	2023-09-26	15:50:27	2023	12.946700	7.777200	32.44430
##	3836	Mooring	2023-09-26	16:00:26	2023	12.983800	7.747100	32.44130
##	3837	Mooring	2023-09-26	16:10:27	2023	13.009100	7.736700	32.44210
##	3838	Mooring	2023-09-26	16:20:26	2023	13.033700	7.710200	32.44550
##	3839	Mooring	2023-09-26	16:30:27	2023	13.094300	7.657600	32.44770
##	3840	Mooring	2023-09-26	16:40:27	2023	13.097500	7.653100	32.44960
##	3841	Mooring	2023-09-26	16:50:26	2023	13.085000	7.671900	32.43880
##	3842	Mooring	2023-09-26	17:00:27	2023	13.085400	7.684000	32.44010
##	3843	Mooring	2023-09-26	17:10:26	2023	13.084300	7.705000	32.43310
##	3844	Mooring	2023-09-26	17:20:27	2023	13.100500	7.713100	32.42120
##	3845	Mooring	2023-09-26	17:30:26	2023	13.118600	7.719500	32.41740
##	3846	Mooring	2023-09-26	17:40:27	2023	13.135800	7.742000	32.39210
##	3847	Mooring	2023-09-26	17:50:26	2023	13.179700	7.715400	32.40520
##	3848	Mooring	2023-09-26	18:00:27	2023	13.198600	7.736100	32.39110
##	3849	Mooring	2023-09-26	18:10:27	2023	13.205600	7.752600	32.38280
##	3850	Mooring	2023-09-26	18:20:26	2023	13.209700	7.762000	32.37730
##	3851	Mooring	2023-09-26	18:30:27	2023	13.213500	7.754800	32.37750
##	3852	Mooring	2023-09-26	18:40:26	2023	13.229000	7.734200	32.37740
##	3853	Mooring	2023-09-26	18:50:27	2023	13.247100	7.702900	32.38550
##	3854	Mooring	2023-09-26	19:00:26	2023	13.262000	7.648000	32.39730
##	3855	Mooring	2023-09-26	19:10:27	2023	13.269800	7.624400	32.40350
##	3856	Mooring	2023-09-26	19:20:26	2023	13.271700	7.585200	32.41350
##	3857	Mooring	2023-09-26	19:30:27	2023	13.263000	7.582200	32.42110
##	3858	Mooring	2023-09-26	19:40:27	2023	13.256400	7.585200	32.41830
##	3859	Mooring	2023-09-26	19:50:26	2023	13.253300	7.597200	32.41330
##	3860	Mooring	2023-09-26	20:00:27	2023	13.241400	7.626400	32.40700
##	3861	Mooring	2023-09-26	20:10:26	2023	13.229700	7.648300	32.39960
##	3862	Mooring	2023-09-26	20:20:27	2023	13.229000	7.675300	32.39410
##	3863	Mooring	2023-09-26	20:30:26	2023	13.231400	7.673400	32.38990
##	3864	Mooring	2023-09-26	20:40:27	2023	13.235400	7.681900	32.38310
##	3865	Mooring	2023-09-26	20:50:26	2023	13.252100	7.678400	32.38120
##	3866	Mooring	2023-09-26	21:00:27	2023	13.262300	7.678300	32.37950
##	3867	Mooring	2023-09-26	21:10:27	2023	13.291100	7.665500	32.37940
##	3868	Mooring	2023-09-26	21:20:26	2023	13.304000	7.663600	32.38140
##	3869	Mooring	2023-09-26	21:30:27	2023	13.301100	7.672300	32.37520
##	3870	Mooring	2023-09-26	21:40:26	2023	13.303900	7.677100	32.37760
##	3871	Mooring	2023-09-26	21:50:27	2023	13.314800	7.676500	32.37360
##	3872	Mooring	2023-09-26	22:00:26	2023	13.329000	7.671200	32.37530
##	3873	Mooring	2023-09-26	22:10:27	2023	13.354800	7.667700	32.37510
##	3874	Mooring	2023-09-26	22:20:26	2023	13.369000	7.669500	32.37180
##	3875	Mooring	2023-09-26	22:30:27	2023	13.383800	7.672400	32.36490
##	3876	Mooring	2023-09-26	22:40:27	2023	13.394000	7.682100	32.36110
##	3877	Mooring	2023-09-26	22:50:26	2023	13.396300	7.690100	32.35750
##	3878	Mooring	2023-09-26	23:00:27	2023	13.402000	7.696400	32.35260
##	3879	Mooring	2023-09-26	23:10:26	2023	13.421800	7.710500	32.35100
##	3880	Mooring	2023-09-26	23:20:27	2023	13.409500	7.727100	32.35400
##	3881	Mooring	2023-09-26	23:30:26	2023	13.390900	7.730100	32.35510
##	3882	Mooring	2023-09-26	23:40:27	2023	13.349800	7.733100	32.36880
##	3883	Mooring	2023-09-26	23:50:26	2023	13.335900	7.708300	32.37920
##	3884	Mooring	2023-09-27	00:00:27	2023	13.332400	7.688800	32.38950
##	3885	Mooring	2023-09-27	00:10:27	2023	13.328800	7.678900	32.38990
##	3886	Mooring	2023-09-27	00:20:26	2023	13.326400	7.653900	32.39320
##	3887	Mooring	2023-09-27	00:30:27	2023	13.329400	7.649100	32.38700
##	3888	Mooring	2023-09-27	00:40:26	2023	13.338500	7.614600	32.39190

##	3889	Mooring	2023-09-27	00:50:27	2023	13.352100	7.608300	32.39180
##	3890	Mooring	2023-09-27	01:00:26	2023	13.367800	7.602100	32.38340
##	3891	Mooring	2023-09-27	01:10:27	2023	13.393600	7.604400	32.38640
##	3892	Mooring	2023-09-27	01:20:26	2023	13.419600	7.615500	32.37700
##	3893	Mooring	2023-09-27	01:30:27	2023	13.445100	7.624400	32.37000
##	3894	Mooring	2023-09-27	01:40:27	2023	13.480600	7.634700	32.36630
##	3895	Mooring	2023-09-27	01:50:26	2023	13.527300	7.668200	32.36630
##	3896	Mooring	2023-09-27	02:00:27	2023	13.548700	7.686700	32.36380
##	3897	Mooring	2023-09-27	02:10:26	2023	13.557600	7.702900	32.35620
##	3898	Mooring	2023-09-27	02:20:27	2023	13.555500	7.740900	32.34150
##	3899	Mooring	2023-09-27	02:30:26	2023	13.541400	7.758800	32.32910
##	3900	Mooring	2023-09-27	02:40:27	2023	13.511400	7.794800	32.31250
##	3901	Mooring	2023-09-27	02:50:26	2023	13.476700	7.837700	32.29220
##	3902	Mooring	2023-09-27	03:00:27	2023	13.457600	7.862500	32.28020
##	3903	Mooring	2023-09-27	03:10:27	2023	13.449000	7.872100	32.27260
##	3904	Mooring	2023-09-27	03:20:26	2023	13.446300	7.873200	32.26420
##	3905	Mooring	2023-09-27	03:30:27	2023	13.448300	7.866400	32.26250
##	3906	Mooring	2023-09-27	03:40:26	2023	13.454400	7.860100	32.26240
##	3907	Mooring	2023-09-27	03:50:27	2023	13.443500	7.862800	32.25730
##	3908	Mooring	2023-09-27	04:00:26	2023	13.418800	7.885500	32.24950
##	3909	Mooring	2023-09-27	04:10:27	2023	13.402700	7.895300	32.24440
##	3910	Mooring	2023-09-27	04:20:26	2023	13.386500	7.895800	32.24200
##	3911	Mooring	2023-09-27	04:30:27	2023	13.379500	7.908600	32.23430
##	3912	Mooring	2023-09-27	04:40:27	2023	13.381000	7.893700	32.24090
##	3913	Mooring	2023-09-27	04:50:26	2023	13.385400	7.901000	32.24090
##	3914	Mooring	2023-09-27	05:00:27	2023	13.394500	7.881700	32.24230
##	3915	Mooring	2023-09-27	05:10:26	2023	13.414600	7.854300	32.25410
##	3916	Mooring	2023-09-27	05:20:27	2023	13.424700	7.843500	32.25740
##	3917	Mooring	2023-09-27	05:30:26	2023	13.433900	7.834200	32.25950
##	3918	Mooring	2023-09-27	05:40:27	2023	13.443400	7.828500	32.26360
##	3919	Mooring	2023-09-27	05:50:26	2023	13.447300	7.822200	32.26620
##	3920	Mooring	2023-09-27	06:00:27	2023	13.455900	7.814100	32.26920
##	3921	Mooring	2023-09-27	06:10:27	2023	13.464000	7.799900	32.27320
##	3922	Mooring	2023-09-27	06:20:26	2023	13.470700	7.787800	32.27790
##	3923	Mooring	2023-09-27	06:30:27	2023	13.473300	7.783000	32.27870
##	3924	Mooring	2023-09-27	06:40:26	2023	13.473800	7.770900	32.27970
##	3925	Mooring	2023-09-27	06:50:27	2023	13.477100	7.767800	32.27900
##	3926	Mooring	2023-09-27	07:00:26	2023	13.487400	7.760800	32.27890
##	3927	Mooring	2023-09-27	07:10:27	2023	13.490700	7.751500	32.28180
##	3928	Mooring	2023-09-27	07:20:26	2023	13.493200	7.747400	32.28370
##	3929	Mooring	2023-09-27	07:30:27	2023	13.496000	7.740500	32.28350
##	3930	Mooring	2023-09-27	07:40:27	2023	13.505400	7.734200	32.27970
##	3931	Mooring	2023-09-27	07:50:26	2023	13.523600	7.730600	32.28080
##	3932	Mooring	2023-09-27	08:00:27	2023	13.536900	7.731900	32.27690
##	3933	Mooring	2023-09-27	08:10:26	2023	13.562400	7.732600	32.26690
##	3934	Mooring	2023-09-27	08:20:27	2023	13.604000	7.746500	32.25470
##	3935	Mooring	2023-09-27	08:30:26	2023	13.629800	7.741800	32.25000
##	3936	Mooring	2023-09-27	08:40:27	2023	13.652100	7.739100	32.24680
##	3937	Mooring	2023-09-27	08:50:26	2023	13.659400	7.734100	32.24480
##	3938	Mooring	2023-09-27	09:00:27	2023	13.661000	7.735200	32.24320
##	3939	Mooring	2023-09-27	09:10:27	2023	13.662400	7.745700	32.24260
##	3940	Mooring	2023-09-27	09:20:26	2023	13.669000	7.759900	32.23730
##	3941	Mooring	2023-09-27	09:30:27	2023	13.682300	7.757400	32.23400
##	3942	Mooring	2023-09-27	09:40:26	2023	13.678800	7.755900	32.22780

##	3943	Mooring	2023-09-27	09:50:27	2023	13.623900	7.799900	32.22070
##	3944	Mooring	2023-09-27	10:00:26	2023	13.591300	7.819400	32.22330
##	3945	Mooring	2023-09-27	10:10:27	2023	13.591700	7.824100	32.22110
##	3946	Mooring	2023-09-27	10:20:26	2023	13.593100	7.821700	32.21550
##	3947	Mooring	2023-09-27	10:30:27	2023	13.602400	7.822300	32.20930
##	3948	Mooring	2023-09-27	10:40:27	2023	13.605500	7.820200	32.20350
##	3949	Mooring	2023-09-27	10:50:26	2023	13.616000	7.830500	32.19630
##	3950	Mooring	2023-09-27	11:00:27	2023	13.616900	7.831100	32.16060
##	3951	Mooring	2023-09-27	11:10:26	2023	13.571000	7.837000	32.17400
##	3952	Mooring	2023-09-27	11:20:27	2023	13.561500	NA	32.17410
##	3953	Mooring	2023-09-27	11:30:26	2023	13.573600	7.826500	32.19130
##	3954	Mooring	2023-09-27	11:40:27	2023	13.595200	7.822600	32.18360
##	3955	Mooring	2023-09-27	11:50:26	2023	13.605500	7.803100	32.18460
##	3956	Mooring	2023-09-27	12:00:27	2023	13.605500	7.815200	32.18370
##	3957	Mooring	2023-09-27	12:10:27	2023	13.615600	7.806600	32.18470
##	3958	Mooring	2023-09-27	12:20:26	2023	13.620900	7.801300	32.18410
##	3959	Mooring	2023-09-27	12:30:27	2023	13.628600	7.797200	32.18360
##	3960	Mooring	2023-09-27	12:40:26	2023	13.634500	7.797900	32.17960
##	3961	Mooring	2023-09-27	12:50:27	2023	13.645500	7.804400	32.17300
##	3962	Mooring	2023-09-27	13:00:26	2023	13.661100	7.802600	32.16460
##	3963	Mooring	2023-09-27	13:10:27	2023	13.664300	7.806200	32.15420
##	3964	Mooring	2023-09-27	13:20:26	2023	13.662800	7.789700	32.15390
##	3965	Mooring	2023-09-27	13:30:27	2023	13.659300	7.791600	32.14960
##	3966	Mooring	2023-09-27	13:40:27	2023	13.650200	7.789800	32.13710
##	3967	Mooring	2023-09-27	13:50:26	2023	13.642900	7.787200	32.13510
##	3968	Mooring	2023-09-27	14:00:27	2023	13.623400	7.783800	32.13410
##	3969	Mooring	2023-09-27	14:10:26	2023	13.609500	7.791600	32.12260
##	3970	Mooring	2023-09-27	14:20:27	2023	13.604600	7.794700	32.09490
##	3971	Mooring	2023-09-27	14:30:26	2023	13.604400	7.791900	32.11330
##	3972	Mooring	2023-09-27	14:40:27	2023	13.602500	7.795100	32.09730
##	3973	Mooring	2023-09-27	14:50:26	2023	13.599900	7.787100	32.09970
##	3974	Mooring	2023-09-27	15:00:27	2023	13.597200	7.796700	32.09470
##	3975	Mooring	2023-09-27	15:10:27	2023	13.595200	7.787900	32.08670
##	3976	Mooring	2023-09-27	15:20:26	2023	13.594000	7.800800	32.07820
##	3977	Mooring	2023-09-27	15:30:27	2023	13.592500	7.803500	32.07810
##	3978	Mooring	2023-09-27	15:40:26	2023	13.589800	7.810700	32.06810
##	3979	Mooring	2023-09-27	15:50:27	2023	13.589900	7.813000	32.05980
##	3980	Mooring	2023-09-27	16:00:26	2023	13.585700	7.812300	32.04630
##	3981	Mooring	2023-09-27	16:10:27	2023	13.599000	7.793400	32.05620
##	3982	Mooring	2023-09-27	16:20:26	2023	13.630000	7.796300	32.05640
##	3983	Mooring	2023-09-27	16:30:27	2023	13.655200	7.779500	32.06420
##	3984	Mooring	2023-09-27	16:40:27	2023	13.675100	7.764400	32.06430
##	3985	Mooring	2023-09-27	16:50:26	2023	13.693200	7.747900	32.07340
##	3986	Mooring	2023-09-27	17:00:27	2023	13.715100	7.740200	32.08000
##	3987	Mooring	2023-09-27	17:10:26	2023	13.725900	7.730400	32.08540
##	3988	Mooring	2023-09-27	17:20:27	2023	13.737900	7.730500	32.07600
##	3989	Mooring	2023-09-27	17:30:26	2023	13.747100	7.719500	32.08490
##	3990	Mooring	2023-09-27	17:40:27	2023	13.757600	7.718600	32.08490
##	3991	Mooring	2023-09-27	17:50:26	2023	13.765300	7.711100	32.08540
##	3992	Mooring	2023-09-27	18:00:27	2023	13.768400	7.709100	32.08530
##	3993	Mooring	2023-09-27	18:10:27	2023	13.769300	7.703300	32.08310
##	3994	Mooring	2023-09-27	18:20:26	2023	13.772500	7.703200	32.08060
##	3995	Mooring	2023-09-27	18:30:27	2023	13.768400	7.703600	32.07430
##	3996	Mooring	2023-09-27	18:40:26	2023	13.766400	7.712000	32.07230

##	3997	Mooring	2023-09-27	18:50:27	2023	13.760100	7.712400	32.06830
##	3998	Mooring	2023-09-27	19:00:26	2023	13.761800	7.713700	32.06220
##	3999	Mooring	2023-09-27	19:10:27	2023	13.771500	7.713900	32.06300
##	4000	Mooring	2023-09-27	19:20:26	2023	13.265800	7.064700	32.25040
##	4001	Mooring	2023-09-27	19:30:27	2023	13.008000	6.735300	32.33470
##	4002	Mooring	2023-09-27	19:40:27	2023	12.890700	6.610800	32.37850
##	4003	Mooring	2023-09-27	19:50:26	2023	12.813700	6.518100	32.40500
##	4004	Mooring	2023-09-27	20:00:27	2023	12.817700	6.519300	32.40510
##	4005	Mooring	2023-09-27	20:10:26	2023	12.831400	6.537300	32.39890
##	4006	Mooring	2023-09-27	20:20:27	2023	12.839900	6.549000	32.39580
##	4007	Mooring	2023-09-27	20:30:26	2023	12.843600	6.549400	32.39740
##	4008	Mooring	2023-09-27	20:40:27	2023	12.856900	6.545200	32.39400
##	4009	Mooring	2023-09-27	20:50:26	2023	12.866500	6.558500	32.38910
##	4010	Mooring	2023-09-27	21:00:27	2023	12.890500	6.570300	32.38330
##	4011	Mooring	2023-09-27	21:10:27	2023	12.929600	6.618200	32.36650
##	4012	Mooring	2023-09-27	21:20:26	2023	12.984600	6.654400	32.34640
##	4013	Mooring	2023-09-27	21:30:27	2023	13.060300	6.740100	32.31830
##	4014	Mooring	2023-09-27	21:40:26	2023	13.179100	6.888400	32.28240
##	4015	Mooring	2023-09-27	21:50:27	2023	13.237700	6.967000	32.25820
##	4016	Mooring	2023-09-27	22:00:26	2023	13.267800	6.986700	32.24610
##	4017	Mooring	2023-09-27	22:10:27	2023	13.312500	7.009800	32.23620
##	4018	Mooring	2023-09-27	22:20:26	2023	13.366100	7.104200	32.20860
##	4019	Mooring	2023-09-27	22:30:27	2023	13.494900	7.275500	32.15550
##	4020	Mooring	2023-09-27	22:40:27	2023	13.573500	7.358400	32.12580
##	4021	Mooring	2023-09-27	22:50:26	2023	13.612600	7.425300	32.09970
##	4022	Mooring	2023-09-27	23:00:27	2023	13.670800	7.516600	32.06350
##	4023	Mooring	2023-09-27	23:10:26	2023	13.724600	7.626900	32.00900
##	4024	Mooring	2023-09-27	23:20:27	2023	13.794900	7.652100	31.99430
##	4025	Mooring	2023-09-27	23:30:26	2023	13.806400	7.637600	32.00800
##	4026	Mooring	2023-09-27	23:40:27	2023	13.798600	7.635700	32.01330
##	4027	Mooring	2023-09-27	23:50:26	2023	13.748500	7.638300	32.02600
##	4028	Mooring	2023-09-28	00:00:27	2023	13.725300	7.635900	32.07130
##	4029	Mooring	2023-09-28	00:10:27	2023	13.718200	7.630900	32.06420
##	4030	Mooring	2023-09-28	00:20:26	2023	13.692700	7.567700	32.08640
##	4031	Mooring	2023-09-28	00:30:27	2023	13.510200	7.243700	32.13860
##	4032	Mooring	2023-09-28	00:40:26	2023	13.470300	7.197800	32.07760
##	4033	Mooring	2023-09-28	00:50:27	2023	13.491800	7.228600	32.14930
##	4034	Mooring	2023-09-28	01:00:26	2023	13.507300	7.261800	32.14350
##	4035	Mooring	2023-09-28	01:10:27	2023	13.518100	7.303300	32.09320
##	4036	Mooring	2023-09-28	01:20:26	2023	13.523500	7.305000	32.15460
##	4037	Mooring	2023-09-28	01:30:27	2023	13.526200	7.316900	32.13190
##	4038	Mooring	2023-09-28	01:40:27	2023	13.558700	7.353700	32.13750
##	4039	Mooring	2023-09-28	01:50:26	2023	13.615300	7.441600	32.11690
##	4040	Mooring	2023-09-28	02:00:27	2023	13.628800	7.501700	32.11310
##	4041	Mooring	2023-09-28	02:10:26	2023	13.614800	7.492000	32.11750
##	4042	Mooring	2023-09-28	02:20:27	2023	13.611400	7.501900	32.11950
##	4043	Mooring	2023-09-28	02:30:26	2023	13.617900	7.519700	32.11680
##	4044	Mooring	2023-09-28	02:40:27	2023	13.626600	7.544600	32.10720
##	4045	Mooring	2023-09-28	02:50:26	2023	13.628800	7.557700	32.11100
##	4046	Mooring	2023-09-28	03:00:27	2023	13.639100	7.592900	32.11400
##	4047	Mooring	2023-09-28	03:10:27	2023	13.649800	7.642700	32.10640
##	4048	Mooring	2023-09-28	03:20:26	2023	13.651200	7.660500	32.08990
##	4049	Mooring	2023-09-28	03:30:27	2023	13.655700	7.648300	32.08540
##	4050	Mooring	2023-09-28	03:40:26	2023	13.660900	7.672500	32.09750

##	4051	Mooring	2023-09-28	03:50:27	2023	13.663800	7.672200	32.10820
##	4052	Mooring	2023-09-28	04:00:26	2023	13.663800	7.683800	32.10960
##	4053	Mooring	2023-09-28	04:10:27	2023	13.663300	7.688500	32.11230
##	4054	Mooring	2023-09-28	04:20:26	2023	13.662500	7.682500	32.11340
##	4055	Mooring	2023-09-28	04:30:27	2023	13.663600	7.684600	32.11550
##	4056	Mooring	2023-09-28	04:40:27	2023	13.664700	7.700800	32.11910
##	4057	Mooring	2023-09-28	04:50:26	2023	13.661000	7.689700	32.11570
##	4058	Mooring	2023-09-28	05:00:27	2023	13.662100	7.689200	32.12150
##	4059	Mooring	2023-09-28	05:10:26	2023	13.661100	7.682600	32.12290
##	4060	Mooring	2023-09-28	05:20:27	2023	13.660900	7.682700	32.12220
##	4061	Mooring	2023-09-28	05:30:26	2023	13.661700	7.673100	32.12230
##	4062	Mooring	2023-09-28	05:40:27	2023	13.663100	7.675400	32.12350
##	4063	Mooring	2023-09-28	05:50:26	2023	13.661900	7.671300	32.12260
##	4064	Mooring	2023-09-28	06:00:27	2023	13.605400	7.612500	32.14810
##	4065	Mooring	2023-09-28	06:10:27	2023	13.619900	7.610100	32.13600
##	4066	Mooring	2023-09-28	06:20:26	2023	13.658600	7.650900	32.11940
##	4067	Mooring	2023-09-28	06:30:27	2023	13.660000	7.637600	32.11900
##	4068	Mooring	2023-09-28	06:40:26	2023	13.660200	7.632700	32.11680
##	4069	Mooring	2023-09-28	06:50:27	2023	13.661700	7.631600	32.11640
##	4070	Mooring	2023-09-28	07:00:26	2023	13.661200	7.630300	32.11580
##	4071	Mooring	2023-09-28	07:10:27	2023	13.675800	7.594600	32.10300
##	4072	Mooring	2023-09-28	07:20:26	2023	13.672200	7.563600	32.07960
##	4073	Mooring	2023-09-28	07:30:27	2023	13.672900	7.563300	32.09890
##	4074	Mooring	2023-09-28	07:40:27	2023	13.669500	7.565900	32.09910
##	4075	Mooring	2023-09-28	07:50:26	2023	13.665900	7.549200	32.07700
##	4076	Mooring	2023-09-28	08:00:27	2023	13.663800	7.535200	32.10630
##	4077	Mooring	2023-09-28	08:10:26	2023	13.661600	7.541700	32.10660
##	4078	Mooring	2023-09-28	08:20:27	2023	13.660400	7.532800	32.11620
##	4079	Mooring	2023-09-28	08:30:26	2023	13.659800	7.530400	32.12030
##	4080	Mooring	2023-09-28	08:40:27	2023	13.657900	7.529000	32.12100
##	4081	Mooring	2023-09-28	08:50:26	2023	13.655400	7.508700	32.12120
##	4082	Mooring	2023-09-28	09:00:27	2023	13.657200	7.545000	32.12350
##	4083	Mooring	2023-09-28	09:10:27	2023	13.658500	7.559100	32.12630
##	4084	Mooring	2023-09-28	09:20:26	2023	13.662100	7.584000	32.13040
##	4085	Mooring	2023-09-28	09:30:27	2023	13.663300	7.589700	32.12920
##	4086	Mooring	2023-09-28	09:40:26	2023	13.668500	7.606200	32.12840
##	4087	Mooring	2023-09-28	09:50:27	2023	13.673800	7.597900	32.12500
##	4088	Mooring	2023-09-28	10:00:26	2023	13.683500	7.606100	32.12160
##	4089	Mooring	2023-09-28	10:10:27	2023	13.692000	7.602800	32.11540
##	4090	Mooring	2023-09-28	10:20:26	2023	13.695800	7.605600	32.11310
##	4091	Mooring	2023-09-28	10:30:27	2023	13.696000	7.608600	32.11040
##	4092	Mooring	2023-09-28	10:40:27	2023	13.700700	7.607300	32.10490
##	4093	Mooring	2023-09-28	10:50:26	2023	13.703800	7.606800	32.10260
##	4094	Mooring	2023-09-28	11:00:27	2023	13.710100	7.608200	32.10240
##	4095	Mooring	2023-09-28	11:10:26	2023	13.715700	7.613800	32.09940
##	4096	Mooring	2023-09-28	11:20:27	2023	13.719600	7.609600	32.09640
##	4097	Mooring	2023-09-28	11:30:26	2023	13.721700	7.609300	32.09370
##	4098	Mooring	2023-09-28	11:40:27	2023	13.726500	7.610400	32.09150
##	4099	Mooring	2023-09-28	11:50:26	2023	13.727200	7.609800	32.08980
##	4100	Mooring	2023-09-28	12:00:27	2023	13.728800	7.606100	32.08710
##	4101	Mooring	2023-09-28	12:10:27	2023	13.735200	7.611400	32.08430
##	4102	Mooring	2023-09-28	12:20:26	2023	13.736200	7.612100	32.08250
##	4103	Mooring	2023-09-28	12:30:27	2023	13.740300	7.613900	32.07780
##	4104	Mooring	2023-09-28	12:40:26	2023	13.748000	7.621800	32.07600

##	4105	Mooring	2023-09-28	12:50:27	2023	13.746600	7.605300	32.07450
##	4106	Mooring	2023-09-28	13:00:26	2023	13.752900	7.620200	32.07110
##	4107	Mooring	2023-09-28	13:10:27	2023	13.756500	7.616900	32.06870
##	4108	Mooring	2023-09-28	13:20:26	2023	13.756800	7.609800	32.06810
##	4109	Mooring	2023-09-28	13:30:27	2023	13.763700	7.620800	32.06280
##	4110	Mooring	2023-09-28	13:40:27	2023	13.768900	7.625800	32.05550
##	4111	Mooring	2023-09-28	13:50:26	2023	13.777700	7.627900	32.04910
##	4112	Mooring	2023-09-28	14:00:27	2023	13.783500	7.624500	32.04370
##	4113	Mooring	2023-09-28	14:10:26	2023	13.787000	7.635800	32.03960
##	4114	Mooring	2023-09-28	14:20:27	2023	13.797200	7.639600	32.03050
##	4115	Mooring	2023-09-28	14:30:26	2023	13.798100	7.629800	32.02870
##	4116	Mooring	2023-09-28	14:40:27	2023	13.800900	7.630900	32.02210
##	4117	Mooring	2023-09-28	14:50:26	2023	13.807400	7.632000	32.01700
##	4118	Mooring	2023-09-28	15:00:27	2023	13.811400	7.626200	32.01190
##	4119	Mooring	2023-09-28	15:10:27	2023	13.815100	7.628800	32.00580
##	4120	Mooring	2023-09-28	15:20:26	2023	13.827100	7.635200	31.99680
##	4121	Mooring	2023-09-28	15:30:27	2023	13.837600	7.645100	31.98400
##	4122	Mooring	2023-09-28	15:40:26	2023	13.852100	7.660100	31.97080
##	4123	Mooring	2023-09-28	15:50:27	2023	13.860500	7.655700	31.96150
##	4124	Mooring	2023-09-28	16:00:26	2023	13.865800	7.653200	31.95220
##	4125	Mooring	2023-09-28	16:10:27	2023	13.869400	7.649400	31.94880
##	4126	Mooring	2023-09-28	16:20:26	2023	13.874300	7.650800	31.94430
##	4127	Mooring	2023-09-28	16:30:27	2023	13.885000	7.656000	31.93650
##	4128	Mooring	2023-09-28	16:40:27	2023	13.901600	7.677800	31.92420
##	4129	Mooring	2023-09-28	16:50:26	2023	13.911100	7.677000	31.91400
##	4130	Mooring	2023-09-28	17:00:27	2023	13.914100	7.668100	31.91300
##	4131	Mooring	2023-09-28	17:10:26	2023	13.914100	7.665200	31.90940
##	4132	Mooring	2023-09-28	17:20:27	2023	13.919200	7.668500	31.90380
##	4133	Mooring	2023-09-28	17:30:26	2023	13.919600	7.650400	31.90250
##	4134	Mooring	2023-09-28	17:40:27	2023	13.926200	7.653600	31.89560
##	4135	Mooring	2023-09-28	17:50:26	2023	13.932800	7.657500	31.88930
##	4136	Mooring	2023-09-28	18:00:27	2023	13.937800	7.650000	31.88520
##	4137	Mooring	2023-09-28	18:10:27	2023	13.942200	7.657600	31.88090
##	4138	Mooring	2023-09-28	18:20:26	2023	13.951900	7.662300	31.87450
##	4139	Mooring	2023-09-28	18:30:27	2023	13.958000	7.665000	31.86740
##	4140	Mooring	2023-09-28	18:40:26	2023	13.962500	7.661600	31.85910
##	4141	Mooring	2023-09-28	18:50:27	2023	13.978800	7.680200	31.84570
##	4142	Mooring	2023-09-28	19:00:26	2023	13.989200	7.678000	31.83430
##	4143	Mooring	2023-09-28	19:10:27	2023	13.986300	7.680800	31.83280
##	4144	Mooring	2023-09-28	19:20:26	2023	13.994100	7.682400	31.82400
##	4145	Mooring	2023-09-28	19:30:27	2023	14.005300	7.689000	31.81030
##	4146	Mooring	2023-09-28	19:40:27	2023	13.774100	7.403400	31.91290
##	4147	Mooring	2023-09-28	19:50:26	2023	13.291900	6.821300	32.11470
##	4148	Mooring	2023-09-28	20:00:27	2023	13.298600	6.840900	32.11140
##	4149	Mooring	2023-09-28	20:10:26	2023	13.321700	6.874600	32.09920
##	4150	Mooring	2023-09-28	20:20:27	2023	13.326900	6.851500	32.10640
##	4151	Mooring	2023-09-28	20:30:26	2023	13.358000	6.930900	32.08910
##	4152	Mooring	2023-09-28	20:40:27	2023	13.381700	6.935000	32.08990
##	4153	Mooring	2023-09-28	20:50:26	2023	13.411100	7.033100	32.07270
##	4154	Mooring	2023-09-28	21:00:27	2023	13.427400	7.024100	32.07120
##	4155	Mooring	2023-09-28	21:10:27	2023	13.463300	7.113900	32.06050
##	4156	Mooring	2023-09-28	21:20:26	2023	13.468500	7.182300	32.05940
##	4157	Mooring	2023-09-28	21:30:27	2023	13.463500	7.223600	32.06750
##	4158	Mooring	2023-09-28	21:40:26	2023	13.414100	7.154900	32.08790

##	4159	Mooring	2023-09-28	21:50:27	2023	13.389600	7.127600	32.09840
##	4160	Mooring	2023-09-28	22:00:26	2023	13.383200	7.115000	32.10340
##	4161	Mooring	2023-09-28	22:10:27	2023	13.376100	7.120400	32.10450
##	4162	Mooring	2023-09-28	22:20:26	2023	13.364300	7.081700	32.11130
##	4163	Mooring	2023-09-28	22:30:27	2023	13.356300	7.078600	32.11760
##	4164	Mooring	2023-09-28	22:40:27	2023	13.356700	7.057100	32.11960
##	4165	Mooring	2023-09-28	22:50:26	2023	13.366100	7.096100	32.12140
##	4166	Mooring	2023-09-28	23:00:27	2023	13.363500	7.070600	32.11990
##	4167	Mooring	2023-09-28	23:10:26	2023	13.349200	7.049300	32.12350
##	4168	Mooring	2023-09-28	23:20:27	2023	13.342500	7.032600	32.12360
##	4169	Mooring	2023-09-28	23:30:26	2023	13.340700	7.038000	32.12910
##	4170	Mooring	2023-09-28	23:40:27	2023	13.336900	7.046600	32.13380
##	4171	Mooring	2023-09-28	23:50:26	2023	13.339300	7.063300	32.13520
##	4172	Mooring	2023-09-29	00:00:27	2023	13.340100	7.047800	32.13660
##	4173	Mooring	2023-09-29	00:10:27	2023	13.332500	7.041200	32.13440
##	4174	Mooring	2023-09-29	00:20:26	2023	13.338300	7.055600	32.13630
##	4175	Mooring	2023-09-29	00:30:27	2023	13.344900	7.082900	32.13670
##	4176	Mooring	2023-09-29	00:40:26	2023	13.338000	7.051700	32.13660
##	4177	Mooring	2023-09-29	00:50:27	2023	13.329000	7.013100	32.13660
##	4178	Mooring	2023-09-29	01:00:26	2023	13.321900	6.985100	32.13870
##	4179	Mooring	2023-09-29	01:10:27	2023	13.326000	6.979500	32.13970
##	4180	Mooring	2023-09-29	01:20:26	2023	13.317000	6.961700	32.13800
##	4181	Mooring	2023-09-29	01:30:27	2023	13.306800	6.928100	32.13930
##	4182	Mooring	2023-09-29	01:40:27	2023	13.304700	6.920600	32.14020
##	4183	Mooring	2023-09-29	01:50:26	2023	13.317400	6.967200	32.14080
##	4184	Mooring	2023-09-29	02:00:27	2023	13.303500	6.915200	32.14140
##	4185	Mooring	2023-09-29	02:10:26	2023	13.299500	6.894100	32.14200
##	4186	Mooring	2023-09-29	02:20:27	2023	13.298100	6.896100	32.14330
##	4187	Mooring	2023-09-29	02:30:26	2023	13.292700	6.858300	32.14310
##	4188	Mooring	2023-09-29	02:40:27	2023	13.293900	6.862600	32.14340
##	4189	Mooring	2023-09-29	02:50:26	2023	13.300500	6.888300	32.14360
##	4190	Mooring	2023-09-29	03:00:27	2023	13.296400	6.867600	32.14270
##	4191	Mooring	2023-09-29	03:10:27	2023	13.304500	6.895100	32.14100
##	4192	Mooring	2023-09-29	03:20:26	2023	13.303400	6.873400	32.14380
##	4193	Mooring	2023-09-29	03:30:27	2023	13.310000	6.904900	32.14040
##	4194	Mooring	2023-09-29	03:40:26	2023	13.309300	6.891300	32.14100
##	4195	Mooring	2023-09-29	03:50:27	2023	13.314700	6.884400	32.14180
##	4196	Mooring	2023-09-29	04:00:26	2023	13.322900	6.921500	32.14180
##	4197	Mooring	2023-09-29	04:10:27	2023	13.337200	6.973300	32.14260
##	4198	Mooring	2023-09-29	04:20:26	2023	13.344600	7.002500	32.13930
##	4199	Mooring	2023-09-29	04:30:27	2023	13.361100	7.028500	32.13800
##	4200	Mooring	2023-09-29	04:40:27	2023	13.376600	7.088200	32.13690
##	4201	Mooring	2023-09-29	04:50:26	2023	13.388100	7.133300	32.13380
##	4202	Mooring	2023-09-29	05:00:27	2023	13.402600	7.167400	32.13040
##	4203	Mooring	2023-09-29	05:10:26	2023	13.406800	7.170000	32.13050
##	4204	Mooring	2023-09-29	05:20:27	2023	13.426800	7.241300	32.12730
##	4205	Mooring	2023-09-29	05:30:26	2023	13.442900	7.273600	32.12390
##	4206	Mooring	2023-09-29	05:40:27	2023	13.458900	7.289900	32.12120
##	4207	Mooring	2023-09-29	05:50:26	2023	13.467200	7.286000	32.11870
##	4208	Mooring	2023-09-29	06:00:27	2023	13.480100	7.293900	32.11550
##	4209	Mooring	2023-09-29	06:10:27	2023	13.488700	7.303200	32.11090
##	4210	Mooring	2023-09-29	06:20:26	2023	13.498100	7.318700	32.10520
##	4211	Mooring	2023-09-29	06:30:27	2023	13.502200	7.331400	32.09830
##	4212	Mooring	2023-09-29	06:40:26	2023	13.500400	7.325700	32.09190

##	4213	Mooring	2023-09-29	06:50:27	2023	13.363500	7.178100	32.14030
##	4214	Mooring	2023-09-29	07:00:26	2023	13.455700	7.246600	32.10710
##	4215	Mooring	2023-09-29	07:10:27	2023	13.490200	7.312900	32.08980
##	4216	Mooring	2023-09-29	07:20:26	2023	13.481200	7.302700	32.09200
##	4217	Mooring	2023-09-29	07:30:27	2023	13.487100	7.301300	32.08910
##	4218	Mooring	2023-09-29	07:40:27	2023	13.511400	7.339600	32.07790
##	4219	Mooring	2023-09-29	07:50:26	2023	13.541800	7.424900	32.07320
##	4220	Mooring	2023-09-29	08:00:27	2023	13.538800	7.389900	32.06670
##	4221	Mooring	2023-09-29	08:10:26	2023	13.541300	7.403600	32.06300
##	4222	Mooring	2023-09-29	08:20:27	2023	13.536900	7.395400	32.06510
##	4223	Mooring	2023-09-29	08:30:26	2023	13.541500	7.391600	32.06300
##	4224	Mooring	2023-09-29	08:40:27	2023	13.582800	7.424100	32.04730
##	4225	Mooring	2023-09-29	08:50:26	2023	13.595700	7.443000	32.04110
##	4226	Mooring	2023-09-29	09:00:27	2023	13.652400	7.519700	32.02020
##	4227	Mooring	2023-09-29	09:10:27	2023	13.678100	7.542800	32.01080
##	4228	Mooring	2023-09-29	09:20:26	2023	13.705900	7.571700	32.00190
##	4229	Mooring	2023-09-29	09:30:27	2023	13.710000	7.566900	32.00010
##	4230	Mooring	2023-09-29	09:40:26	2023	13.717600	7.565600	31.99560
##	4231	Mooring	2023-09-29	09:50:27	2023	13.731400	7.573200	31.99180
##	4232	Mooring	2023-09-29	10:00:26	2023	13.737700	7.574500	31.98960
##	4233	Mooring	2023-09-29	10:10:27	2023	13.734700	7.560100	31.98950
##	4234	Mooring	2023-09-29	10:20:26	2023	13.736400	7.556900	31.98910
##	4235	Mooring	2023-09-29	10:30:27	2023	13.741400	7.556800	31.98660
##	4236	Mooring	2023-09-29	10:40:27	2023	13.748900	7.561800	31.98390
##	4237	Mooring	2023-09-29	10:50:26	2023	13.025900	6.780500	32.22170
##	4238	Mooring	2023-09-29	11:00:27	2023	12.664200	6.435300	32.32130
##	4239	Mooring	2023-09-29	11:10:26	2023	12.322700	6.094000	32.42700
##	4240	Mooring	2023-09-29	11:20:27	2023	12.343000	6.110200	32.42150
##	4241	Mooring	2023-09-29	11:30:26	2023	12.424900	6.182400	32.39950
##	4242	Mooring	2023-09-29	11:40:27	2023	12.471200	6.253800	32.38390
##	4243	Mooring	2023-09-29	11:50:26	2023	12.511800	6.281400	32.37210
##	4244	Mooring	2023-09-29	12:00:27	2023	12.528500	6.303100	32.36630
##	4245	Mooring	2023-09-29	12:10:27	2023	12.567200	6.341400	32.35460
##	4246	Mooring	2023-09-29	12:20:26	2023	12.592800	6.371900	32.34720
##	4247	Mooring	2023-09-29	12:30:27	2023	12.625400	6.389900	32.33850
##	4248	Mooring	2023-09-29	12:40:26	2023	12.679300	6.442600	32.32340
##	4249	Mooring	2023-09-29	12:50:27	2023	12.767000	6.551200	32.29810
##	4250	Mooring	2023-09-29	13:00:26	2023	12.860600	6.643300	32.26920
##	4251	Mooring	2023-09-29	13:10:27	2023	12.940400	6.715800	32.24400
##	4252	Mooring	2023-09-29	13:20:26	2023	12.981900	6.773400	32.23130
##	4253	Mooring	2023-09-29	13:30:27	2023	13.036400	6.810900	32.21570
##	4254	Mooring	2023-09-29	13:40:27	2023	13.077500	6.862800	32.20190
##	4255	Mooring	2023-09-29	13:50:26	2023	13.125500	6.898100	32.18840
##	4256	Mooring	2023-09-29	14:00:27	2023	13.155700	6.933000	32.17620
##	4257	Mooring	2023-09-29	14:10:26	2023	13.215300	6.977900	32.15700
##	4258	Mooring	2023-09-29	14:20:27	2023	13.224400	6.979900	32.15380
##	4259	Mooring	2023-09-29	14:30:26	2023	13.258600	7.007300	32.14530
##	4260	Mooring	2023-09-29	14:40:27	2023	13.278000	7.024600	32.13550
##	4261	Mooring	2023-09-29	14:50:26	2023	13.303100	7.045200	32.12780
##	4262	Mooring	2023-09-29	15:00:27	2023	13.361000	7.087500	32.10950
##	4263	Mooring	2023-09-29	15:10:27	2023	13.373000	7.101600	32.07360
##	4264	Mooring	2023-09-29	15:20:26	2023	13.364900	7.086900	32.10720
##	4265	Mooring	2023-09-29	15:30:27	2023	13.329200	7.030000	32.11570
##	4266	Mooring	2023-09-29	15:40:26	2023	13.416200	7.149200	32.09060

##	4267	Mooring	2023-09-29	15:50:27	2023	13.435400	7.157500	32.08420
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##	4269	Mooring	2023-09-29	16:10:27	2023	13.361200	7.061700	32.10340
##	4270	Mooring	2023-09-29	16:20:26	2023	13.465700	7.163900	32.07430
##	4271	Mooring	2023-09-29	16:30:27	2023	13.400700	7.085900	32.09280
##	4272	Mooring	2023-09-29	16:40:27	2023	13.375800	7.045200	32.09740
##	4273	Mooring	2023-09-29	16:50:26	2023	13.365600	6.997100	32.09870
##	4274	Mooring	2023-09-29	17:00:27	2023	13.408000	7.077300	32.09060
##	4275	Mooring	2023-09-29	17:10:26	2023	13.404300	7.055100	32.09040
##	4276	Mooring	2023-09-29	17:20:27	2023	13.387500	7.026000	32.09220
##	4277	Mooring	2023-09-29	17:30:26	2023	13.420900	7.084700	32.08540
##	4278	Mooring	2023-09-29	17:40:27	2023	13.394900	7.029700	32.09130
##	4279	Mooring	2023-09-29	17:50:26	2023	13.417700	7.033400	32.08160
##	4280	Mooring	2023-09-29	18:00:27	2023	13.430000	7.036500	32.07970
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##	4282	Mooring	2023-09-29	18:20:26	2023	13.467000	7.070000	32.06630
##	4283	Mooring	2023-09-29	18:30:27	2023	13.452400	7.030700	32.06800
##	4284	Mooring	2023-09-29	18:40:26	2023	13.461400	7.030500	32.06490
##	4285	Mooring	2023-09-29	18:50:27	2023	13.487700	7.052700	32.05750
##	4286	Mooring	2023-09-29	19:00:26	2023	13.509400	7.075000	32.05030
##	4287	Mooring	2023-09-29	19:10:27	2023	13.502400	7.047000	32.05000
##	4288	Mooring	2023-09-29	19:20:26	2023	13.535300	7.089400	32.03950
##	4289	CTD	2023-09-30	02:15:23	2023	13.984954	5.546600	31.97755
##		potential_density		pres	cond			sampleID
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## 4086	24.03750	43.026	3.855868	<NA>
## 4087	24.03390	43.390	3.855992	<NA>
## 4088	24.02920	43.035	3.856491	<NA>
## 4089	24.02280	42.887	3.856590	<NA>
## 4090	24.02020	42.759	3.856678	<NA>
## 4091	24.01810	42.515	3.856391	<NA>
## 4092	24.01290	42.488	3.856229	<NA>
## 4093	24.01050	42.742	3.856266	<NA>
## 4094	24.00910	42.344	3.856796	<NA>
## 4095	24.00560	42.238	3.856970	<NA>
## 4096	24.00250	42.260	3.856995	<NA>
## 4097	24.00000	42.149	3.856902	<NA>
## 4098	23.99730	41.852	3.857076	<NA>
## 4099	23.99590	42.020	3.856964	<NA>
## 4100	23.99350	41.515	3.856808	<NA>
## 4101	23.99000	41.926	3.857095	<NA>
## 4102	23.98840	41.623	3.856976	<NA>
## 4103	23.98400	41.809	3.856851	<NA>
## 4104	23.98100	41.690	3.857350	<NA>
## 4105	23.98010	41.334	3.857044	<NA>
## 4106	23.97620	41.634	3.857256	<NA>
## 4107	23.97360	41.602	3.857319	<NA>
## 4108	23.97310	41.648	3.857281	<NA>
## 4109	23.96760	41.466	3.857331	<NA>
## 4110	23.96090	41.514	3.857001	<NA>
## 4111	23.95420	41.705	3.857119	<NA>
## 4112	23.94880	41.689	3.857057	<NA>
## 4113	23.94500	41.738	3.856938	<NA>
## 4114	23.93590	41.998	3.856876	<NA>
## 4115	23.93430	41.817	3.856770	<NA>
## 4116	23.92870	42.076	3.856314	<NA>
## 4117	23.92340	42.234	3.856346	<NA>
## 4118	23.91870	42.301	3.856165	<NA>
## 4119	23.91320	42.451	3.855847	<NA>
## 4120	23.90380	42.518	3.855953	<NA>
## 4121	23.89180	42.870	3.855535	<NA>
## 4122	23.87870	42.881	3.855416	<NA>
## 4123	23.86980	42.816	3.855161	<NA>
## 4124	23.86150	43.131	3.854637	<NA>
## 4125	23.85810	43.202	3.854593	<NA>
## 4126	23.85370	43.430	3.854568	<NA>
## 4127	23.84550	43.474	3.854693	<NA>
## 4128	23.83270	43.469	3.854849	<NA>
## 4129	23.82280	44.100	3.854618	<NA>
## 4130	23.82140	43.887	3.854767	<NA>
## 4131	23.81860	43.869	3.854387	<NA>
## 4132	23.81330	43.960	3.854238	<NA>
## 4133	23.81220	43.970	3.854132	<NA>
## 4134	23.80560	44.133	3.853994	<NA>

## 4135	23.79940	44.268	3.853907	<NA>
## 4136	23.79520	44.283	3.853907	<NA>
## 4137	23.79090	44.466	3.853845	<NA>
## 4138	23.78410	44.672	3.854038	<NA>
## 4139	23.77730	44.250	3.853788	<NA>
## 4140	23.77000	44.597	3.853302	<NA>
## 4141	23.75630	44.655	3.853321	<NA>
## 4142	23.74540	44.699	3.853015	<NA>
## 4143	23.74480	44.571	3.852591	<NA>
## 4144	23.73650	44.584	3.852342	<NA>
## 4145	23.72360	44.538	3.851856	<NA>
## 4146	23.84980	44.718	3.842197	<NA>
## 4147	24.10240	44.760	3.820479	<NA>
## 4148	24.09840	44.718	3.820721	<NA>
## 4149	24.08440	44.646	3.821498	<NA>
## 4150	24.08900	44.414	3.822728	<NA>
## 4151	24.06940	44.580	3.823678	<NA>
## 4152	24.06530	44.172	3.825897	<NA>
## 4153	24.04620	44.394	3.826711	<NA>
## 4154	24.04180	44.247	3.828016	<NA>
## 4155	24.02630	44.316	3.830092	<NA>
## 4156	24.02450	44.048	3.830440	<NA>
## 4157	24.03170	44.071	3.830857	<NA>
## 4158	24.05730	43.732	3.828575	<NA>
## 4159	24.07030	43.719	3.827494	<NA>
## 4160	24.07540	43.758	3.827450	<NA>
## 4161	24.07770	43.942	3.826941	<NA>
## 4162	24.08530	43.490	3.826580	<NA>
## 4163	24.09170	43.448	3.826531	<NA>
## 4164	24.09320	43.144	3.826773	<NA>
## 4165	24.09270	43.180	3.827811	<NA>
## 4166	24.09210	42.869	3.827407	<NA>
## 4167	24.09770	43.051	3.826512	<NA>
## 4168	24.09910	42.843	3.825909	<NA>
## 4169	24.10370	42.695	3.826325	<NA>
## 4170	24.10810	42.578	3.826475	<NA>
## 4171	24.10870	42.503	3.826841	<NA>
## 4172	24.10960	42.391	3.827065	<NA>
## 4173	24.10940	42.445	3.826139	<NA>
## 4174	24.10970	42.276	3.826860	<NA>
## 4175	24.10880	42.660	3.827519	<NA>
## 4176	24.11000	42.207	3.826860	<NA>
## 4177	24.11190	41.905	3.826046	<NA>
## 4178	24.11490	42.277	3.825636	<NA>
## 4179	24.11480	42.123	3.826108	<NA>
## 4180	24.11530	42.242	3.825120	<NA>
## 4181	24.11830	41.993	3.824330	<NA>
## 4182	24.11940	42.087	3.824237	<NA>
## 4183	24.11740	42.231	3.825455	<NA>
## 4184	24.12060	42.225	3.824268	<NA>
## 4185	24.12190	42.233	3.823970	<NA>
## 4186	24.12320	42.322	3.823989	<NA>
## 4187	24.12410	42.162	3.823479	<NA>
## 4188	24.12410	42.368	3.823622	<NA>

## 4189	24.12290	42.426	3.824237	<NA>
## 4190	24.12300	42.606	3.823778	<NA>
## 4191	24.12010	42.826	3.824337	<NA>
## 4192	24.12250	42.568	3.824523	<NA>
## 4193	24.11860	43.047	3.824784	<NA>
## 4194	24.11920	42.991	3.824778	<NA>
## 4195	24.11870	42.765	3.825344	<NA>
## 4196	24.11710	42.992	3.826096	<NA>
## 4197	24.11490	43.162	3.827476	<NA>
## 4198	24.11090	43.395	3.827805	<NA>
## 4199	24.10660	43.547	3.829154	<NA>
## 4200	24.10260	43.413	3.830429	<NA>
## 4201	24.09800	43.634	3.831150	<NA>
## 4202	24.09240	44.004	3.832101	<NA>
## 4203	24.09170	43.904	3.832493	<NA>
## 4204	24.08520	43.931	3.833949	<NA>
## 4205	24.07940	43.880	3.835037	<NA>
## 4206	24.07410	44.024	3.836207	<NA>
## 4207	24.07050	44.148	3.836686	<NA>
## 4208	24.06550	44.193	3.837513	<NA>
## 4209	24.06020	44.300	3.837799	<NA>
## 4210	24.05390	44.506	3.838042	<NA>
## 4211	24.04780	44.530	3.837669	<NA>
## 4212	24.04320	44.855	3.836829	<NA>
## 4213	24.10790	44.645	3.829671	<NA>
## 4214	24.06390	44.497	3.834421	<NA>
## 4215	24.04360	44.577	3.835684	<NA>
## 4216	24.04710	44.605	3.835111	<NA>
## 4217	24.04370	44.732	3.835335	<NA>
## 4218	24.03010	44.485	3.836306	<NA>
## 4219	24.02050	44.533	3.838546	<NA>
## 4220	24.01600	44.530	3.837575	<NA>
## 4221	24.01260	44.551	3.837401	<NA>
## 4222	24.01510	44.462	3.837233	<NA>
## 4223	24.01260	44.265	3.837413	<NA>
## 4224	23.99220	44.396	3.839454	<NA>
## 4225	23.98480	44.445	3.839952	<NA>
## 4226	23.95730	44.257	3.842808	<NA>
## 4227	23.94480	44.080	3.844103	<NA>
## 4228	23.93230	44.153	3.845654	<NA>
## 4229	23.93010	43.827	3.845809	<NA>
## 4230	23.92510	44.140	3.846021	<NA>
## 4231	23.91940	43.512	3.846837	<NA>
## 4232	23.91630	43.335	3.847148	<NA>
## 4233	23.91690	43.578	3.846880	<NA>
## 4234	23.91620	43.298	3.846980	<NA>
## 4235	23.91330	43.183	3.847160	<NA>
## 4236	23.90970	43.152	3.847540	<NA>
## 4237	24.23740	42.856	3.807799	<NA>
## 4238	24.38480	42.737	3.785699	<NA>
## 4239	24.53180	42.333	3.765935	<NA>
## 4240	24.52370	42.264	3.767195	<NA>
## 4241	24.49110	42.214	3.772286	<NA>
## 4242	24.47020	42.108	3.774820	<NA>


```
## 4243      24.45320 42.007 3.777243      <NA>
## 4244      24.44560 41.883 3.778146      <NA>
## 4245      24.42910 41.953 3.780403      <NA>
## 4246      24.41850 41.735 3.781931      <NA>
## 4247      24.40550 41.599 3.783954      <NA>
## 4248      24.38340 41.680 3.787227      <NA>
## 4249      24.34690 41.367 3.792459      <NA>
## 4250      24.30640 41.540 3.797860      <NA>
## 4251      24.27140 41.481 3.802391      <NA>
## 4252      24.25340 41.410 3.804790      <NA>
## 4253      24.23070 41.524 3.808053      <NA>
## 4254      24.21190 41.288 3.810286      <NA>
## 4255      24.19210 41.311 3.813190      <NA>
## 4256      24.17670 41.325 3.814611      <NA>
## 4257      24.15010 41.359 3.817932      <NA>
## 4258      24.14580 41.648 3.818429      <NA>
## 4259      24.13250 41.604 3.820609      <NA>
## 4260      24.12110 41.714 3.821317      <NA>
## 4261      24.11010 41.982 3.822765      <NA>
## 4262      24.08450 41.856 3.826026      <NA>
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## 4264      24.08200 41.828 3.826132      <NA>
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## 4266      24.05890 41.974 3.828985      <NA>
## 4267      24.05020 42.191 3.830036      <NA>
## 4268      23.99860 42.344 3.837188      <NA>
## 4269      24.07980 42.855 3.825436      <NA>
## 4270      24.03650 42.586 3.831727      <NA>
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## 4273      24.07530 43.021 3.825337      <NA>
## 4274      24.06060 43.396 3.828302      <NA>
## 4275      24.06120 43.365 3.827947      <NA>
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## 4277      24.05400 43.687 3.828917      <NA>
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## 4280      24.04780 43.908 3.829141      <NA>
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## 4282      24.03010 44.135 3.831050      <NA>
## 4283      24.03430 44.211 3.829912      <NA>
## 4284      24.03010 44.386 3.830403      <NA>
## 4285      24.01910 44.333 3.831970      <NA>
## 4286      24.00930 44.512 3.833164      <NA>
## 4287      24.01040 44.434 3.832498      <NA>
## 4288      23.99570 44.415 3.834333      <NA>
## 4289      23.86273      NA      NA 20230929T191523
```

```
# Missing until August 31
```

```
GapFill <- SatelliteData %>% filter(year == 2023, date < as.POSIXct("2023-08-31
  ↳ 00:00:00")) %>% mutate(temperature = SST_C) %>% select(-c(SST_C))
```

```
# Add some NA columns for rbind
```

```
MooringCTD_Data$Chlor_a_mg_m_3 = NA
```

```
MooringCTD_Data$Mean_SST_Error = NA
```

```

GapFill$DO = NA
GapFill$salinity = NA
GapFill$potential_density = NA
GapFill$pres = NA
GapFill$cond = NA
GapFill$sampleID = NA

MooringCTD_Data <- MooringCTD_Data %>% select(source, date, year, temperature, DO,
  ↳ salinity, potential_density, pres, cond, sampleID, Chlor_a_mg_m_3, Mean_SST_Error)
GapFill <- GapFill %>% select(source, date, year, temperature, DO, salinity,
  ↳ potential_density, pres, cond, sampleID, Chlor_a_mg_m_3, Mean_SST_Error)

EnvironmentalData2GapFilled <- rbind(MooringCTD_Data, GapFill) %>% arrange(date)

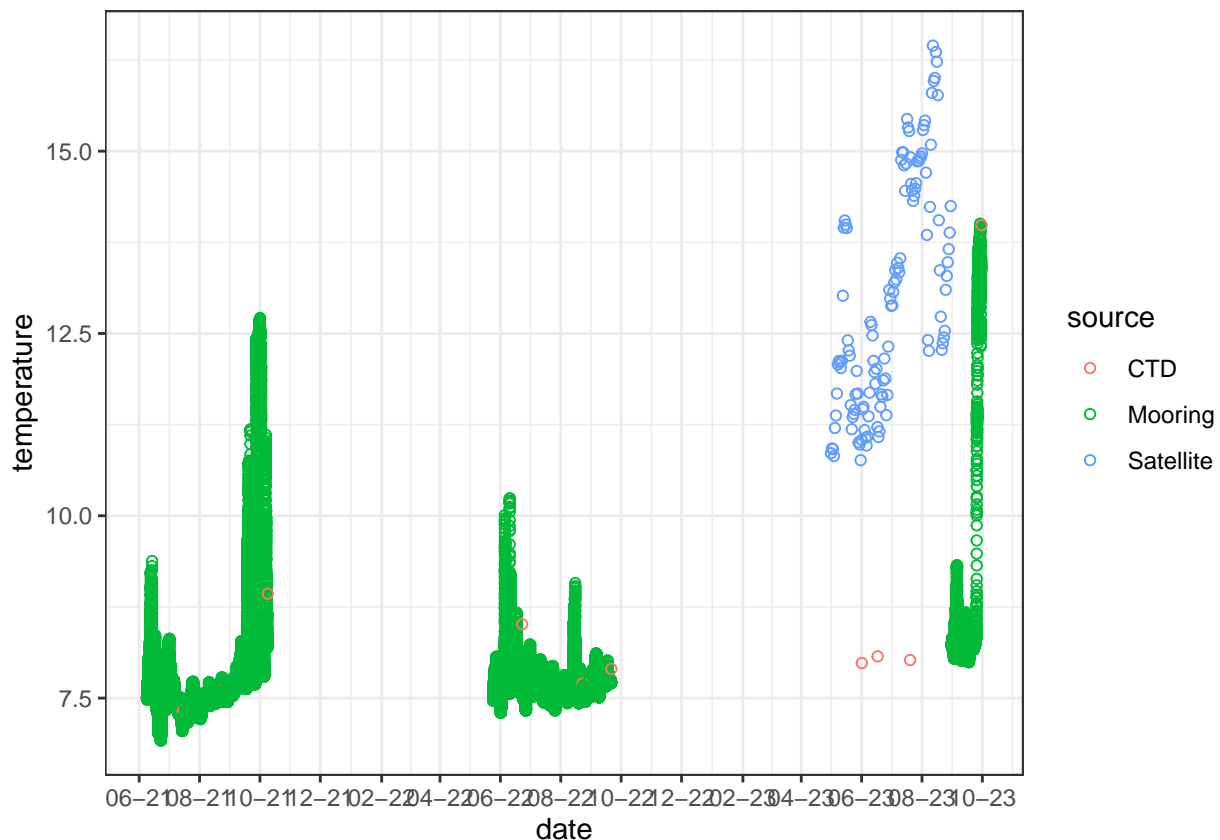
ggplot(EnvironmentalData2GapFilled, aes(x = date, y = temperature, color = source)) +
  geom_point(shape = 1) +
  scale_x_datetime(date_breaks = "2 months", date_labels = "%m-%y") +
  theme_bw()

```

```

## Warning: Removed 4 rows containing missing values or values outside the scale range
## (`geom_point()`).

```



```

ggsave(here("OCNMS_Project", "Plots", "GapsFilledTimeSeries.png"))

```

```

## Saving 6.5 x 4.5 in image

```

```

## Warning: Removed 4 rows containing missing values or values outside the scale range
## (`geom_point()`).

```

```
write.csv(EnvironmentalData2GapFilled, file = here("OCNMS_Project", "Data",  
↪ "EnvironmentalDataset2.csv"))
```

Based on the huge gap between the satellite and CTD data, this isn't a great option - ask Simone about models?