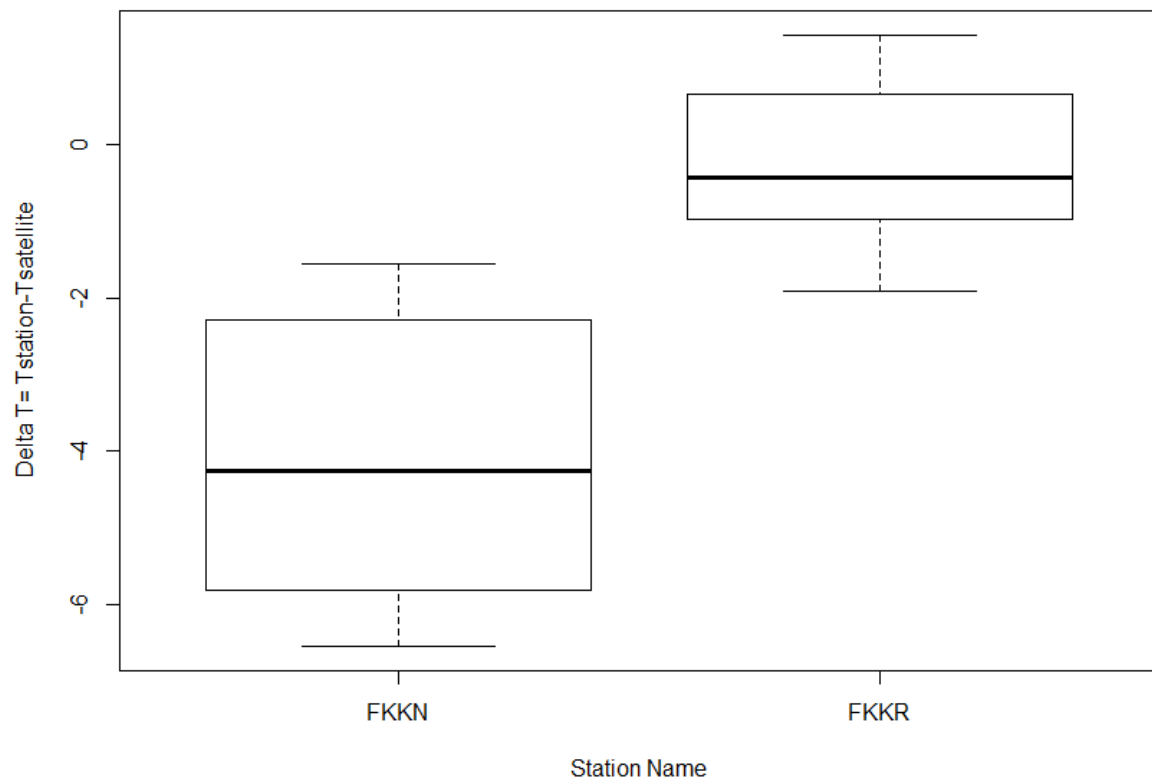
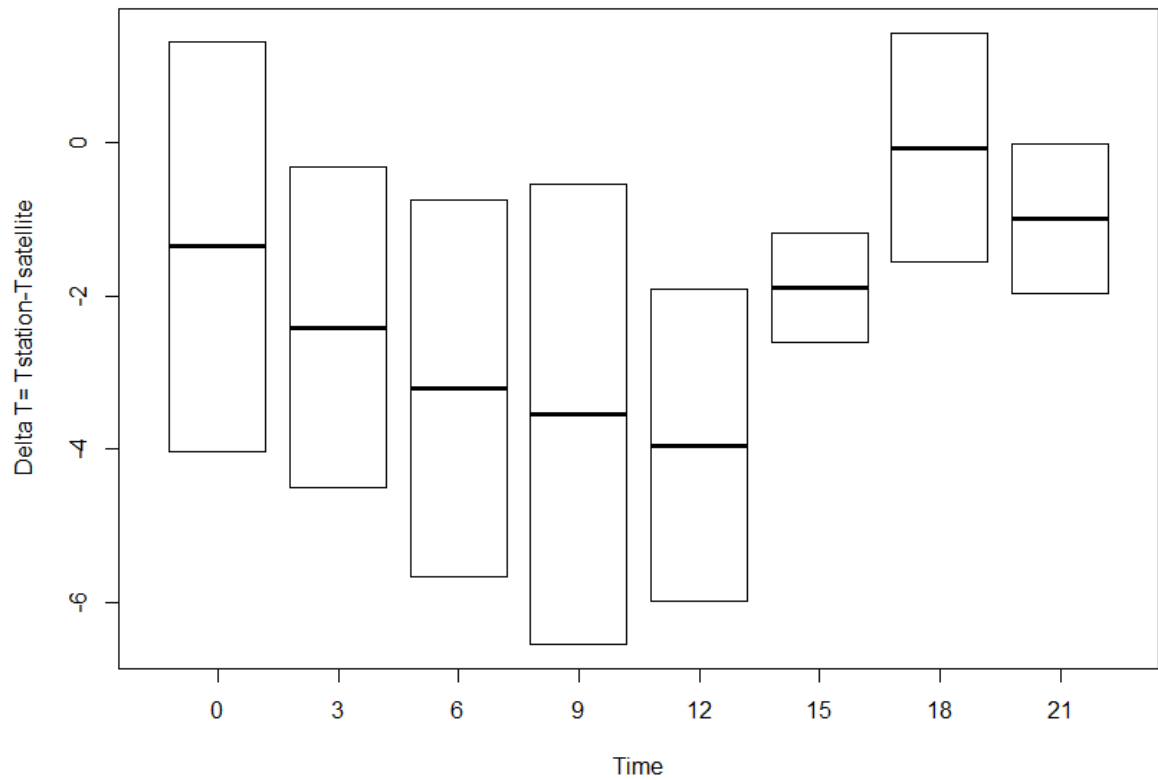


**Box an Whiskers Temperature difference at FKKR and FKKN 31/01/22**



On the whole the satellite overestimates the temperature, but in FKKR the difference is less (1°C) compared to FKKN where we can have up to -6°C, that might be explained by the uneven landscape over FKKN.

**Box an Whiskers Temperature difference at FKKR and FKKN 31/01/22**



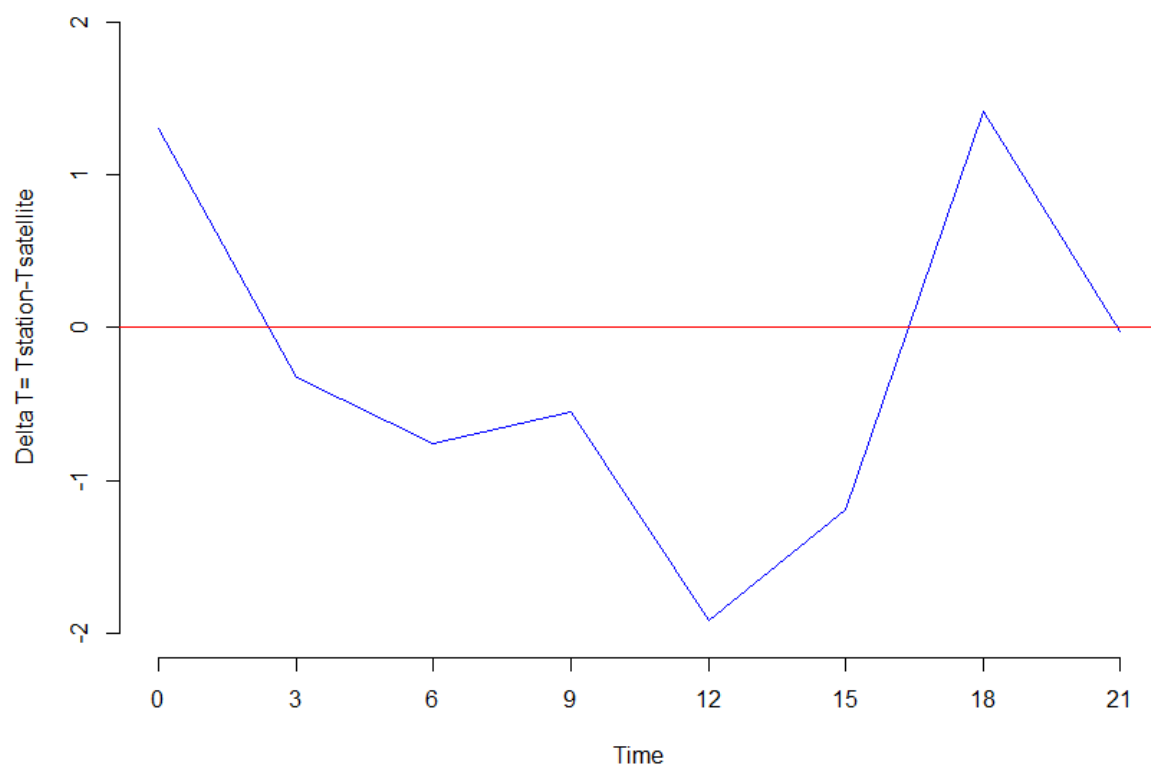
Regardless to the time, the temperature is over estimated by the satellite,nevertheless the difference is high from 6 to 12 AM,when the sun shines most.

FKKR :

```
summary(dfkkr$deltaT)
```

```
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
-1.9206 -0.8698 -0.4401 -0.2568  0.3114  1.4147
```

Temperature difference at FKKR on 31/01/22 in °C



FKKN

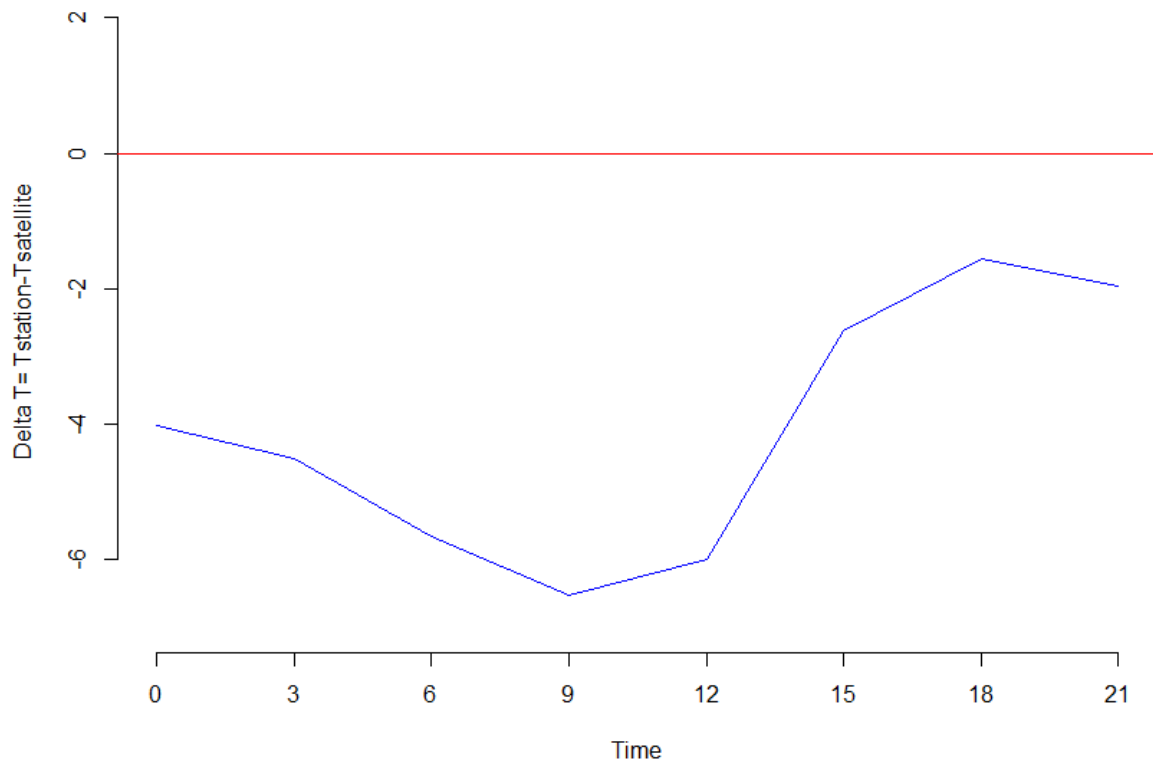
```
summary(dfkkn$deltaT)
```

```
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   \
-6.531 -5.734  -4.261  -4.103  -2.452  -1.555   \

```

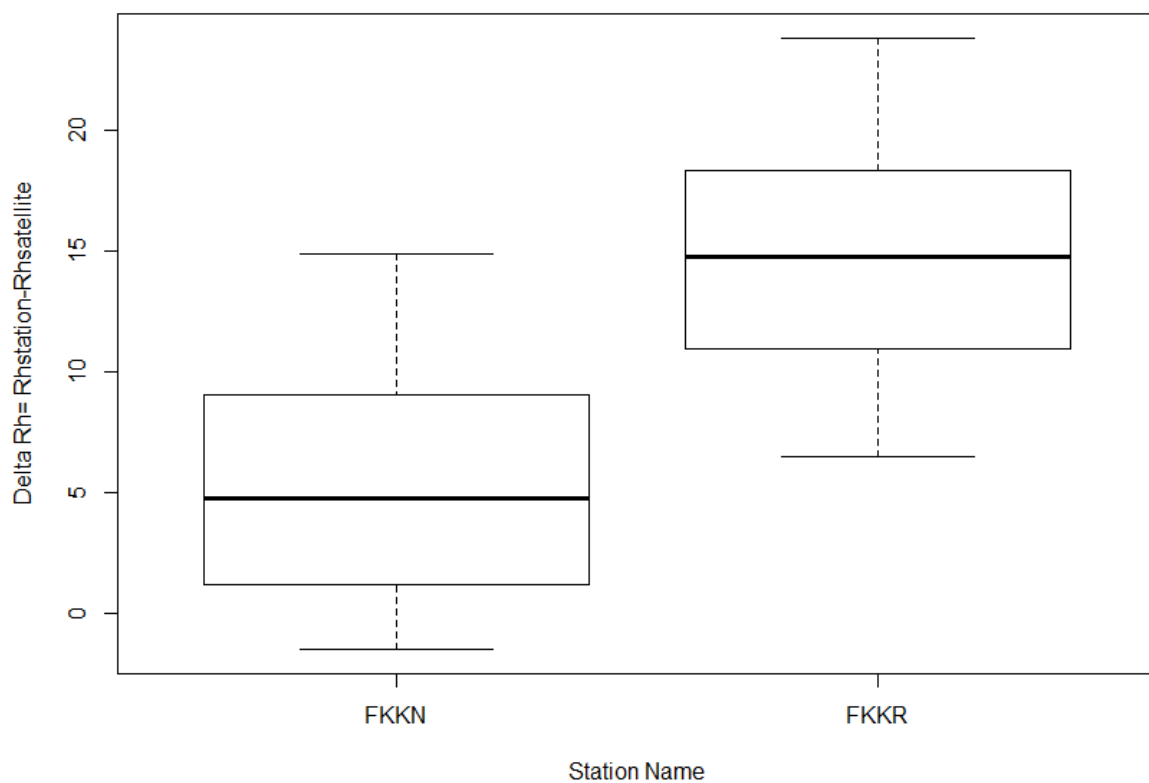
```
>
```

Temperature difference at FKKN on 31/01/22 in °C



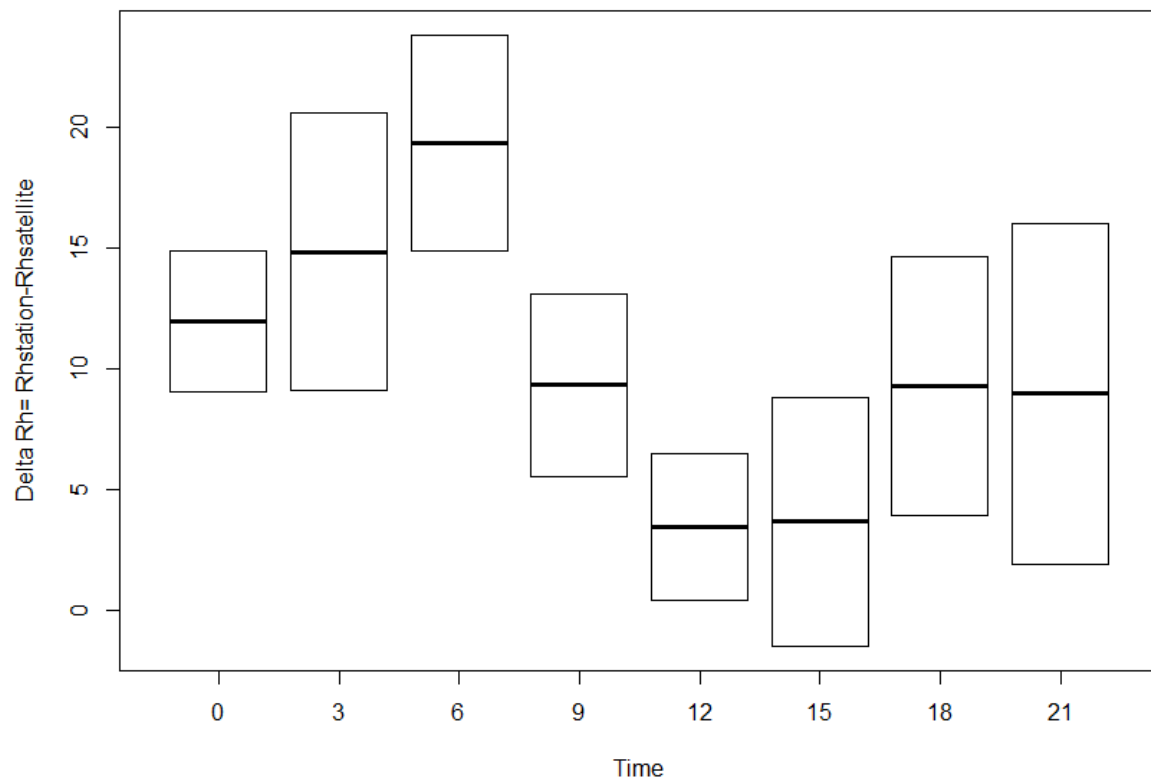
Relative Humidity

**Box an Whiskers Rhumidity difference at FKKR and FKKN 31/01/22**



On the whole the Relative humidity is under estimated by the satellite

**Box an Whiskers Rhumidity difference at FKKR and FKKN 31/01/22**



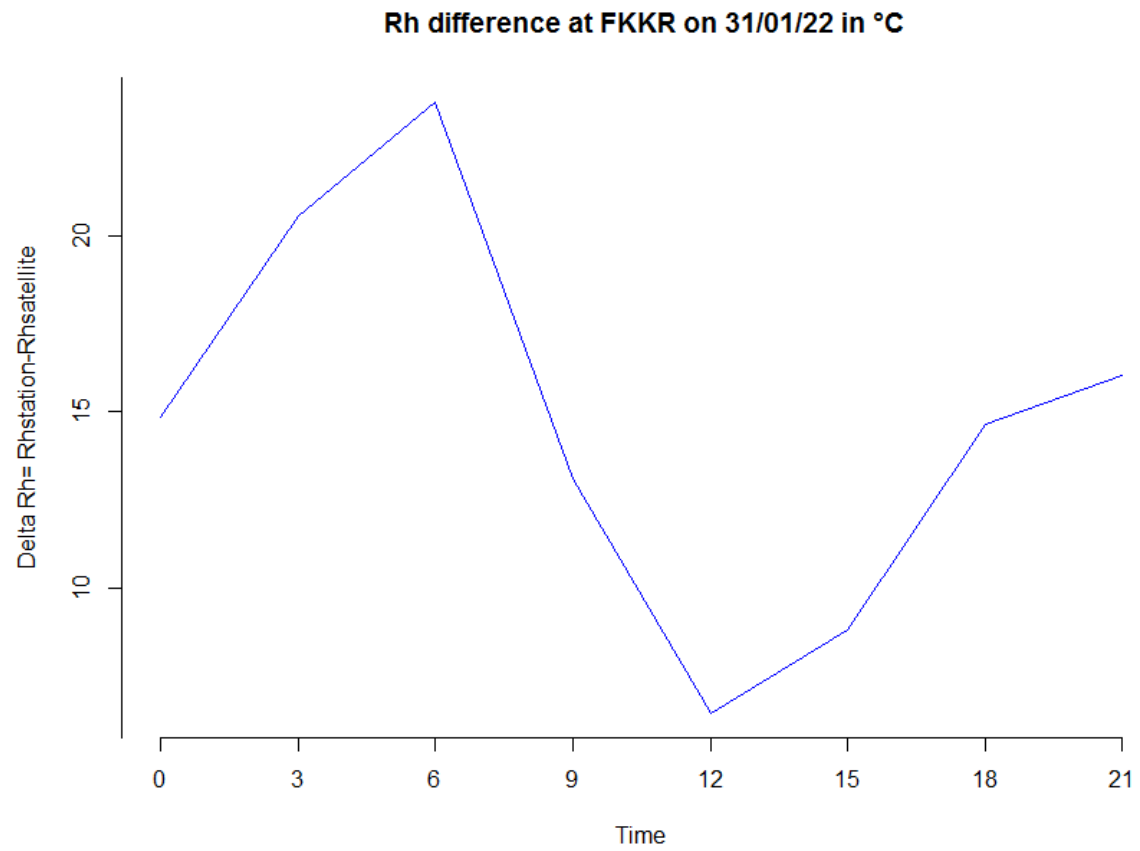
The difference of Rh is more than 10% from 0 to 6 AM and less than 10% from 9 to 21 AM

FKKR

```
summary(dfkkr$deltaRh)
```

Min. 1st Qu. Median Mean 3rd Qu. Max.

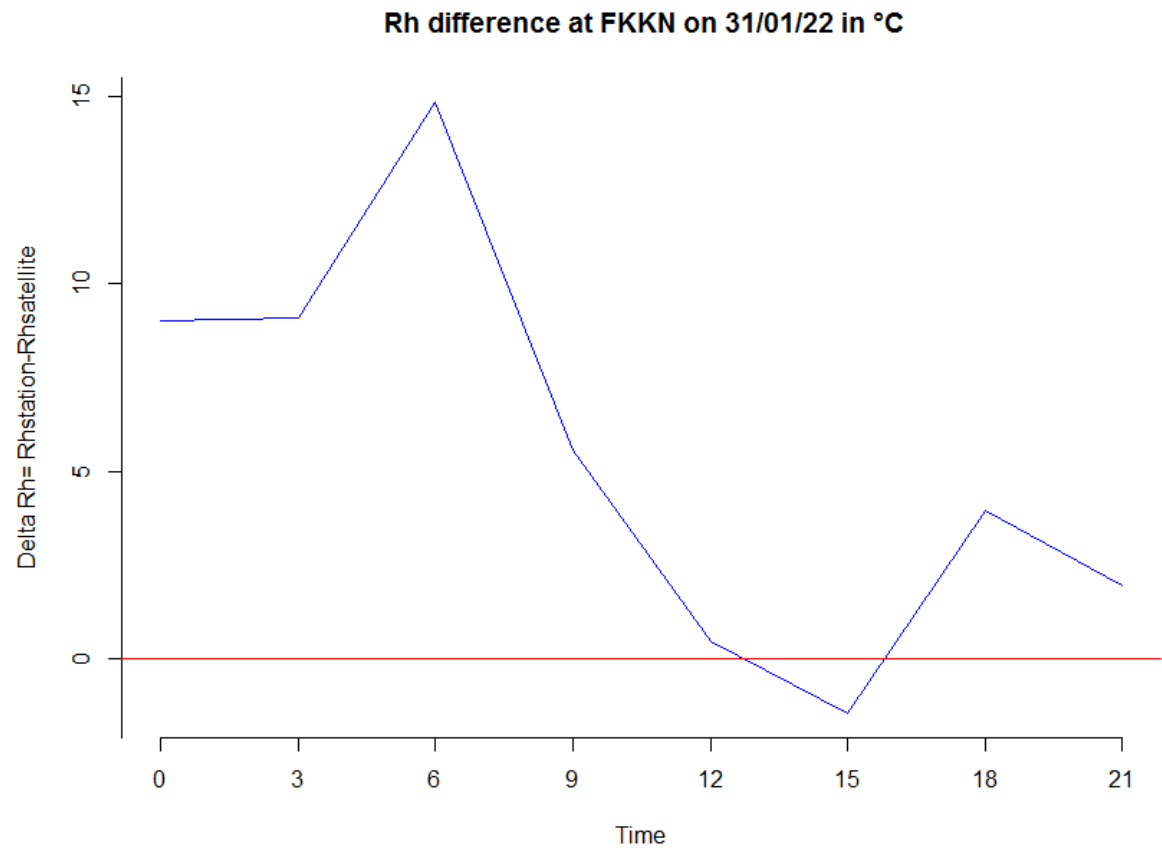
6.462 12.025 14.750 14.774 17.146 23.763



FKKN

```
summary(dfkkn$deltaRh)
```

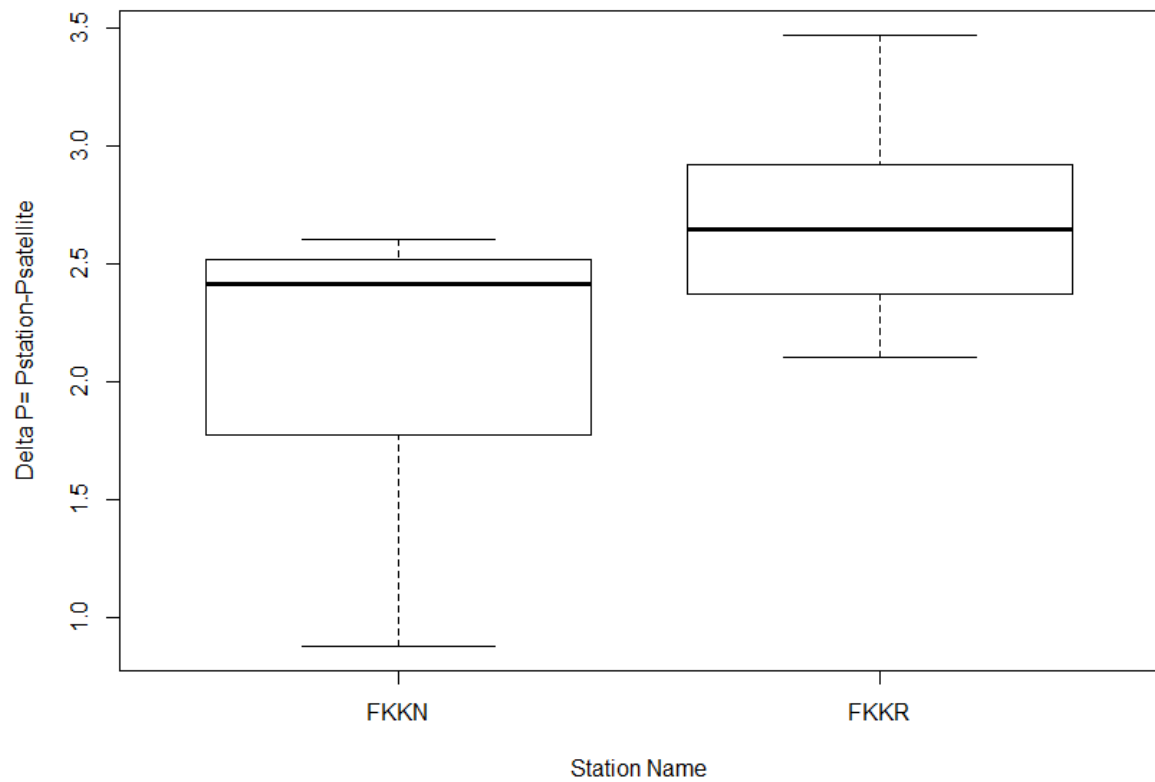
Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-1.455	1.557	4.750	5.421	9.040	14.843



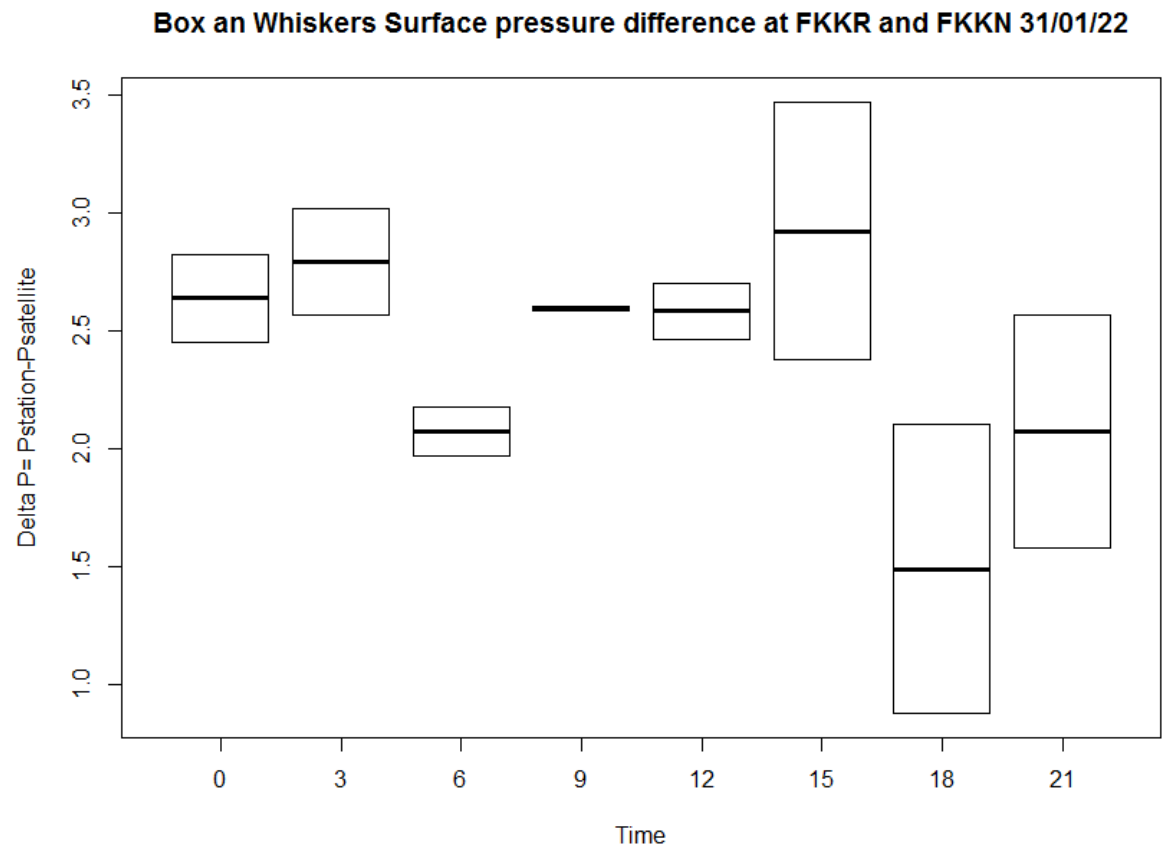
Pressure



**Box an Whiskers Surface pressure difference at FKKN and FKKN 31/01/22**



On the whole the surface pressure is under estimated by the satellite, however the Gap is Greater in FKKN than in FKKN



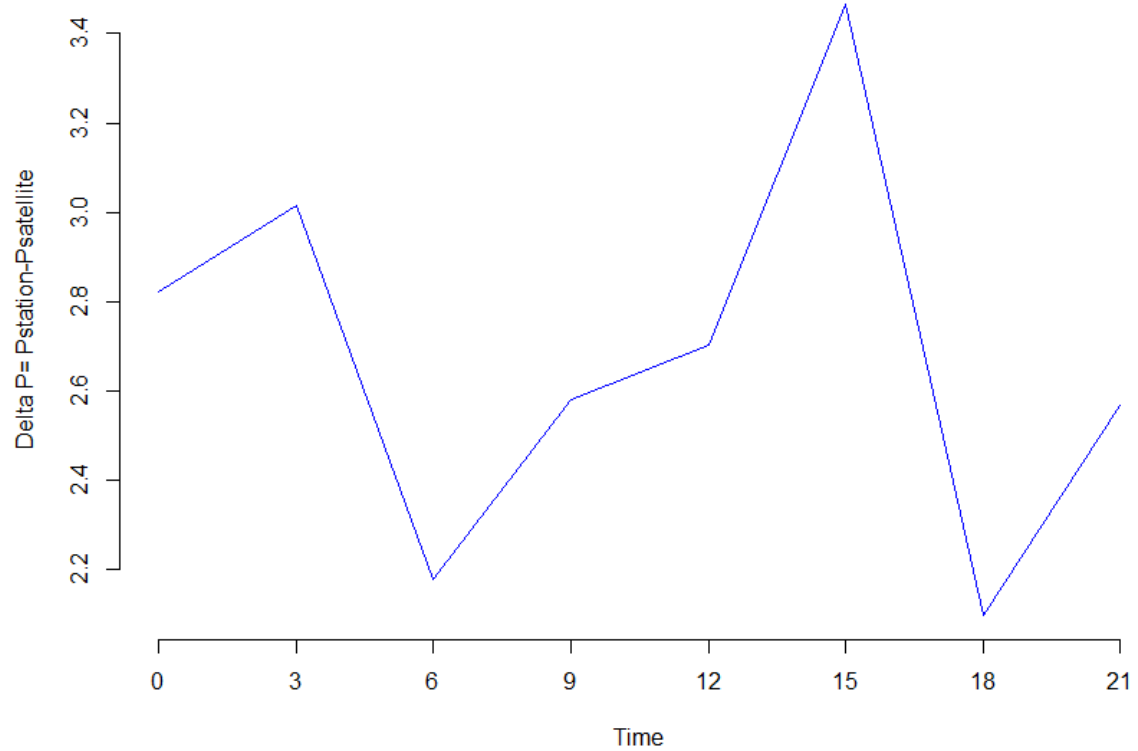
The pressure is under estimated, the difference of pressure has two minimum ( at 6 and 18 AM) and two maximum (at 3 and 15 AM) ,this refers to the daily cycle of the pressure

FKKR

Min. 1st Qu. Median Mean 3rd Qu. Max.

2.099 2.470 2.641 2.679 2.871 3.465

Surface pressure difference at FKKR on 31/01/22 in mb



FKKN

```
summary(dfkkn$deltaP)
```

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.8786 1.8681 2.4125 2.1089 2.4855 2.5983

**Surface pressure difference at FKKN on 31/01/22 in mb**

