

Testfeld BHV: Weekly Availability report

The weekly report presents the availability of wind measurements mainly based on 10-min. average data from OneDAS. The threshold for data availability within a day is 25% i.e. if the sensor availability is 50%, it is termed as 1 (green)

Note:

Data Availability > 25% ---> 1

Data Availability < 25% ---> 0

wt - wind turbine AD8-180 sensors (omega, Pw) combined into one variable

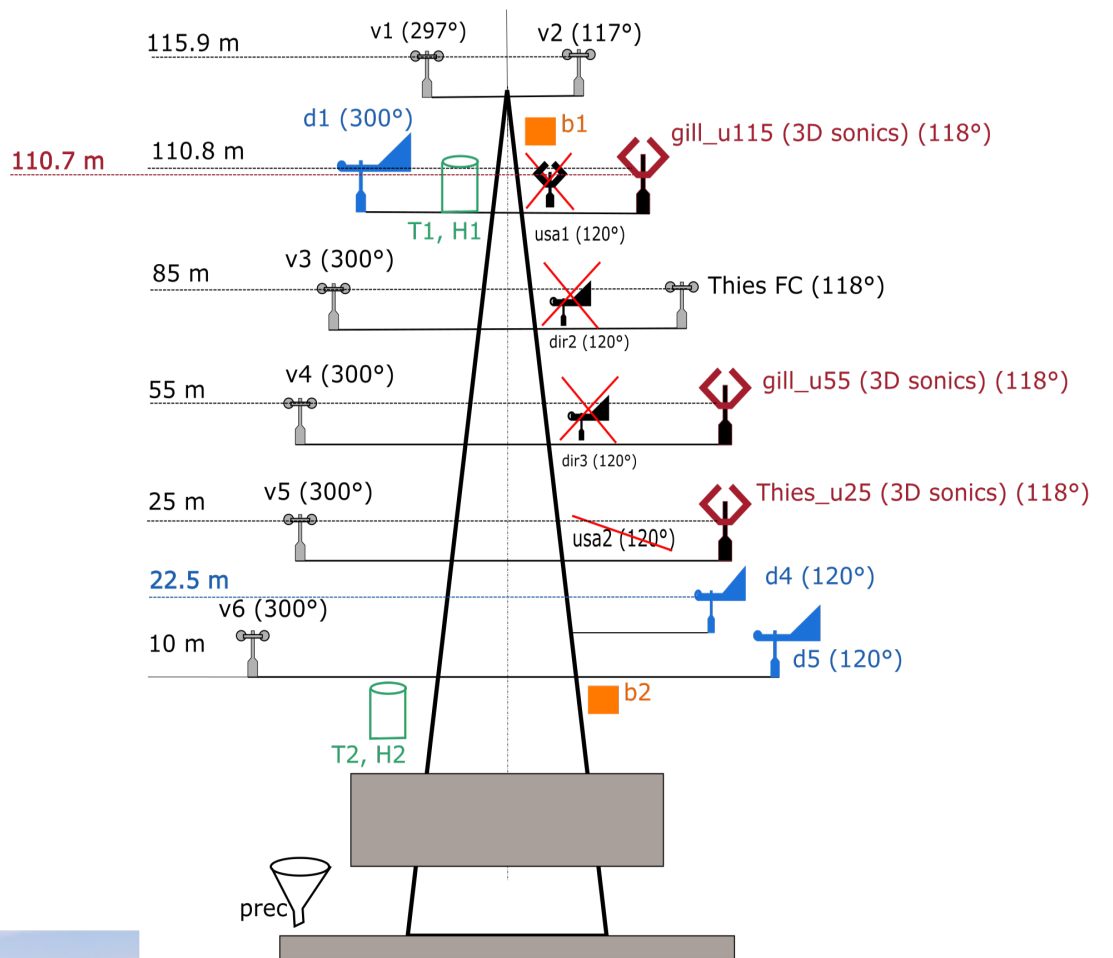
metmast - Availability combination of sensors on metmast except sonic anemometers

sonics - Availability combination of gill_u115, gill_u55 and thies_u25

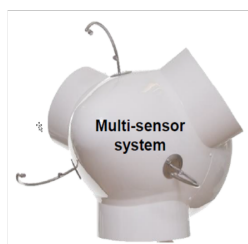
Date	2021-10-21	2021-10-22	2021-10-23	2021-10-24	2021-10-25	2021-10-26	2021-10-27
Day	Thu	Fri	Sat	Sun	Mon	Tue	Wed
Sensors							
wt	1	1	1	1	1	1	1
ispin	0	0	0	0	0	0	0
btc	1	1	1	1	1	1	0
bpo	1	1	1	1	1	1	0
gpo	1	0	1	1	1	0	0
metmast	1	1	1	1	1	1	1
sonics	1	1	1	1	1	1	1
windcube	1	1	1	1	1	1	1
omega	0	0	0	0	0	0	0
Pw	1	1	1	1	1	1	1
v1	1	1	1	1	1	1	1
v2	1	1	1	1	1	1	1
v3	1	1	1	1	1	1	1
v4	1	1	1	1	1	1	1
v5	1	1	1	1	1	1	1
v6	1	1	1	1	1	1	1
prec	1	1	1	1	1	1	1
prec_sum	1	1	1	1	1	1	1
d1	1	1	1	1	1	1	1
d4	1	1	1	1	1	1	1
d5	1	1	1	1	1	1	1
b1	1	1	1	1	1	1	1
b2	1	1	1	1	1	1	1
T1	1	1	1	1	1	1	1
gill_u115	1	1	1	1	1	1	1
gill_u55	1	1	1	1	1	1	1

thies_u25	1	1	1	1	1	1	1
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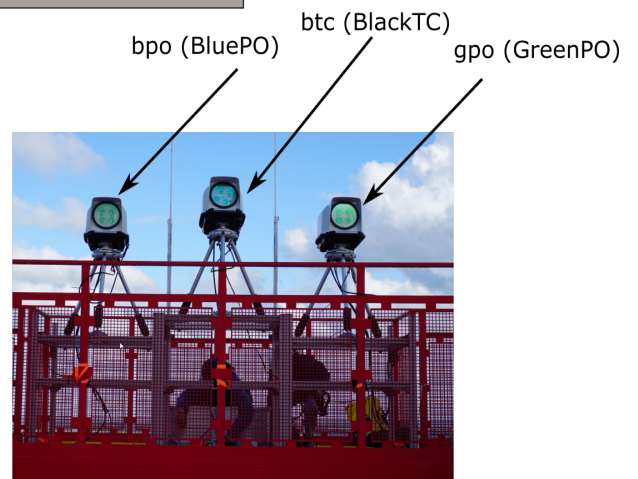
Sensors on Metmast at Testfeld BHV



windcube (WLS7-119 WC
ground-based vertical profiler)



ispin (RomoWind iSpin
spinner anemometer)



Nacelle WindCube selected for weekly
availability report at range $r=110$ m

