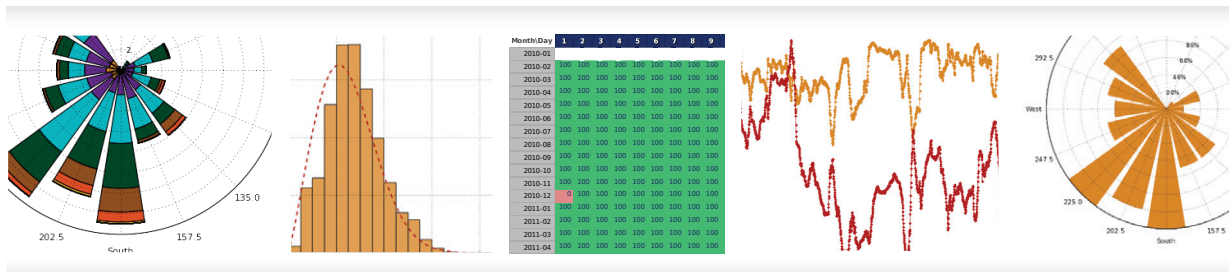


AmmonitOR - Ammonit Online Report

Access, manage, monitor and display your measurement data online

AmmonitOR (Ammonit Online Report) simplifies your data archiving and data management. With AmmonitOR you can access, archive, monitor and display your measurement data conveniently at all times, wherever you are. Generate reliable wind data and status reports with personalised settings.

To learn more about the program visit our website at: <http://www.ammonit.com/ammonit-customer-login>. Register today and send us an email at: support@ammonit.com. Our service team will set up your personal account.



Your advantages

- User-friendly online platform**
 Convenient project and data management. Measurement campaigns with one or more data loggers can easily be monitored and administrated. Register today by sending an email to support@ammonit.com!
- Automated data transmission, archiving and storage**
 Measurement data is automatically transmitted to a configured AmmonitOR project. Ammonit offers long-term data storage up to three years on a dedicated Ammonit server or a server of your choice.
- Convenient data quality check with data calendar, customisable filters and messages**
 Detect problems with the measurement system efficiently using data calendars. Monitor measurement data for plausibility by means of customisable filters, e.g., to detect ice-effects. Stay informed about any technical problems with your measurement system using instant messages sent from AmmonitOR, e.g., low power supply.
- Detailed analysis and visualisation of measurement data in diagrams**
 Monitor your data over a determined period using histograms, wind speed Weibull curves, wind direction wind roses, frequency scales or XY plots.
- Secure data transfer between your Ammonit data logger and AmmonitOR**
 Data transfer via SCP connection between Ammonit Meteo-40 data logger and AmmonitOR is secured with 2048-bit encryption.
- Integrated user rights management**
 Different levels of access rights, e.g., for administrators and guest.

AmmonitOR - Ammonit Online Report

Effectively manage your measurement campaigns with AmmonitOR

Project, data loggers and measurement data

Project List

We have recently upgraded AmmonitOR to version 2.0! [Click here to read more](#)



Ammonit field tests
This project contains loggers for field testing beta software releases.
1 logger(s) 0 new message(s)



Berlin Project
Further Test Project
2 logger(s) 0 new message(s)



Demo Project with 4 Loggers
4 logger(s) 0 new message(s)



My First AmmonitOR Project
Getting Started with AmmonitOR
3 logger(s) 0 new message(s)



Online Learn Project
1 logger(s) 0 new message(s)



Test Logger
D110017 - Office
1 logger(s) 0 new message(s)

[Click here to view example projects](#)

Projects

Conveniently organise your measurement campaigns in projects, e.g., per site or per customer.

- Important information at a single glance
- Easily access project and logger details
- Project-related user management
- Context-sensitive online help
- Example projects to become familiar with AmmonitOR

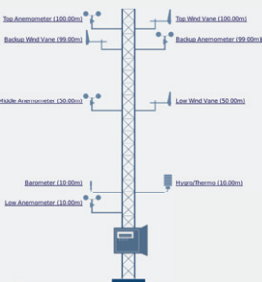
Logger D110017 [Edit](#)

Type: Meteo-40L
Latest data: 2012-02-19 07:50:00

[Logger details](#) [View data calendar](#)

Sensors [Edit](#)

name	type	height
Top Anemometer	Anemometer	100.00
Backup Anemometer	Anemometer	99.00
Middle Anemometer	Anemometer	50.00
Low Anemometer	Anemometer	10.00
Top Wind Vane	Wind Vane	100.00
Backup Wind Vane	Wind Vane	99.00
Low Wind Vane	Wind Vane	50.00
Hygro/Thermo	Hygro-Thermo	10.00
Barometer	Barometer	10.00



Data Loggers

Effectively monitor data loggers and sensors. AmmonitOR displays sensor details and evaluations as well as a data calendar for each data logger, e.g., to detect problems with the measurement system.

- Conveniently check data completeness and plausibility
- Display evaluations over a customisable time period
- View and edit sensor configurations

Project data for My First AmmonitOR Project

Logger: **D110057**

Navigation: [Previous](#) [2](#) [3](#) [4](#) **5** [6](#) [7](#) [8](#) [Next](#)

	Baro RS485 (Steel-Cabinet)	Hygro/Thermo	Wind Vane 10 Bit	Wind Vane Pot	Anemometer
	hPa	°C	m/s	m/s	m/s
2012-02-05 00:00:00	-10.8767 -10.8800 -10.9000	-8.9939 -9.9690 -9.9395	259.1549	260.4250	0.7687 1.8732 0.0000
2012-02-05 00:10:00	-10.8950 -10.8800 -11.0000	-9.8919 -9.9267 -9.1539	253.8841	260.3669	0.5318 1.1802 0.0000
2012-02-05 00:20:00	-11.1137 -11.9000 -11.7880	-9.1843 -9.1480 -9.2637	220.9629	206.2853	0.5197 1.2264 0.0000
2012-02-05 00:30:00	-11.2800 -12.3800 -11.3800	-9.2080 -9.2474 -9.2779	230.2424	225.7764	0.6912 1.3186 0.2562
2012-02-05 00:40:00	-11.3450 -11.3800 -11.4000	-9.2781 -9.2580 -9.2861	230.0479	220.1720	0.7075 1.2726 0.2562

Sensor or Channel
Unit
Avg
Min
Max
Customise...

Measurement Data and Statistics

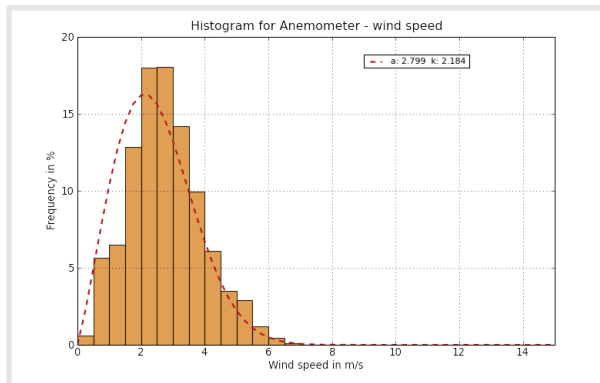
AmmonitOR displays daily measurement data for all installed sensors according to configured statistical interval (Meteo-40).

- Easily validate daily measurement data for evaluations, channels and statistics in customisable lists
- Quickly modify lists in a single step
- Effectively detect suspicious data, if any filter applies, e.g., unnatural wind speed

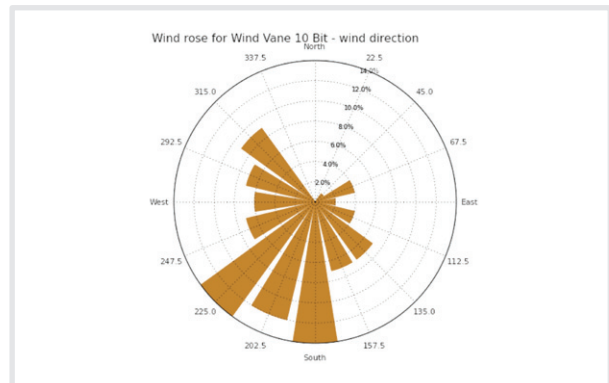
AmmonitOR - Ammonit Online Report

Conveniently monitor and analyse measurement data

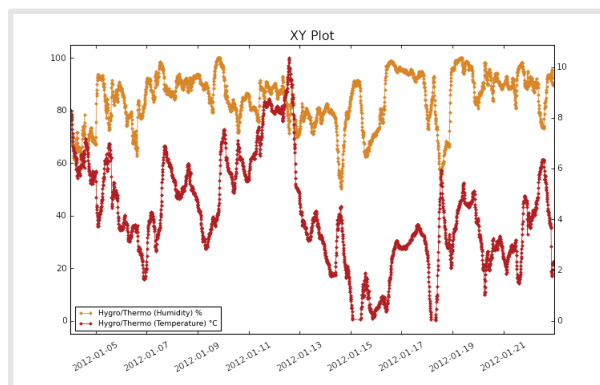
Display measurement data in diagrams and schedules



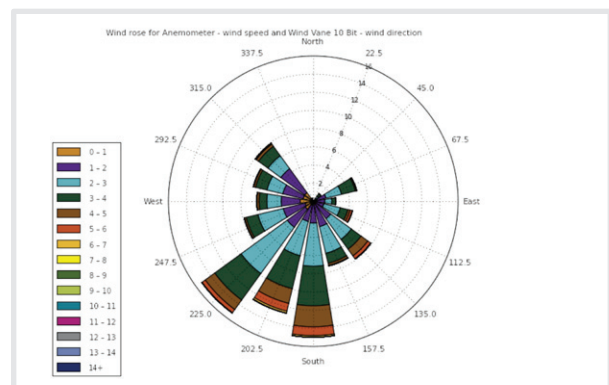
Wind speed in histogram with Weibull curve



Wind direction in wind rose diagram



XY plots for all available evaluations



Wind speed and direction in wind rose diagram

Monitor and check data quality

Range filters							
Active	Evaluations	Min. value	Max. value	Message	Alert type	New status	
yes	Wind Vane 10 Bit - wind direction, Wind Vane Poti - wind direction	0	360	Impossible wind direction	only archive	Error	Details
yes	Barometer - air pressure, Baro RS485 (Steel-Cabinet) - air pressure	870	1085	Impossible air pressure	only archive	Suspicious	Details
yes	Internal temperature - temperature, HygroThermo - temperature, Baro RS485 (Steel-Cabinet) - temperature, Steel Cabinet - temperature	-40	80	Impossible temperature	only archive	Error	Details
yes	Anemometer - wind speed	28		Impossible wind speed	only archive	Error	Details
yes	HygroThermo - humidity, HygroThermo - temperature, Hygro_Test (Steel-Cabinet) - voltage	0	100	Humidity can not be greater than 100%	only archive	Error	Details
Sequence filters							
Active	Evaluations	Threshold	Message	Alert type	New status		
yes	Anemometer - wind speed	36	Anemometer possibly frozen.	only archive	Suspicious		Details
Comparison filters							
Active	Project	Evaluation 1	Comparison type	Evaluation 2	Evaluation 2 factor	Evaluation 2 offset	Message
yes	Ammonit field tests	HygroThermo - temperature	>	Thermo_KP (Steel-Cabinet) - voltage	1.0000	0.000000	temperature in steel cabinet should be warmer than outside
							Alert type: only archive, New status: Suspicious, Details

Check data quality by setting filters. Configure filters to **detect technical problems**, e.g. ice-effects. AmmonitOR sends **warning emails**, immediate actions can follow.

Month/Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2010-01	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-02	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-03	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-04	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-05	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-06	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-07	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-08	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-09	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-10	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2010-12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-01	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-02	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-03	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-04	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-05	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-06	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-07	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-08	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-09	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-10	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2011-12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2012-01	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2012-02	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Total completeness: 98.69%

Monitor measurement completeness in the **data calendar**. Days with missing data are marked. Click on the day to validate your measurements.

AmmonitOR - Ammonit Online Report

Interaction between AmmonitOR, data logger and user

Use AmmonitOR to conveniently manage measurement campaigns from your office desk. Once the data transfer has been configured and activated, Ammonit data loggers automatically send measurement data to the requested AmmonitOR project. AmmonitOR reliably checks and imports CSV and ROW files. If you install Meteo-40 data loggers, the data transfer is encrypted from the starting point to the import in AmmonitOR. Users access their accounts via an encrypted HTTPS Internet connection.

Your valuable measurement data is securely transmitted using Ammonit!

