

# Node Red Dashboard

Rigi Remote DX-Station Dashboard HB9RYZ / HB9CQK      SFi 209 A 36 K 3      foF2 3.21      08:42:25 UTC

Rigi Remote DX-Station (JN47GA)

- Wetterstation HB9CF
- Live Clublog HB9RYZ & HB9CQK
- DX-Spots & Band Activity
- PSK Reporter
- Webcam & Blitz-Info
- WebSDR Server
- ARRL LOTW Login
- Wetterdaten Detail
- Raspberry Pi Infos

### Genius Rotator mit Sensor

OC-45   AS-90   AF-140   NA-300   SA-225   POLE-000

Enter Heading and Hit Enter  
170

Heading    170

Stopped

43

--- STOP ---

Target Heading  
45 °

### Rigi Scheidegg Wetter

Wind Richtung: 240

Feuchtigkeit: 83 %

Wind Geschwindigkeit: 2.57 m/s

Luftdruck: 1014 hpa

Sonnenuntergang 18:43:42

Sonnenaufgang 06:20:22

Max Temp -0.7

Min Temp -5.7

Temperatur: -3.3 °C

Wolken 40 %

Swiss Time 09:42:24

### Temperatur Schrank

Lufteingang: 3.5 °C

Luftausgang: 8.81 °C

Flex 6700: 10.5 °C

Tür: 15.25 °C

### Solar Bedingungen

Solar Flux Index: 209

K-Index: 3

Sunspot Number: 129

A-Index: 36

MUF: 18.9 MHz

foF2: 6.5 MHz

### Rigi Relais Dashboard

Flex 6700	☑	JC-4s Tuner	☑
Blitzschutz	☑	Expert 1.3k	☑
Expert PA	☑	Flex MIC PTT	☑
Rotor Sensor Switch	☑	N/A	☑

# Node Red Dashboard

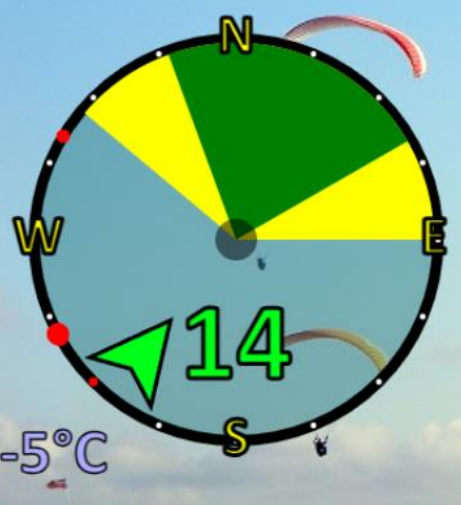
Rigi Remote DX-Station Dashboard HB9RYZ / HB9CQK      SFi 209 A 36 K 3      foF2 3.21

Rigi Remote DX-Station (JN47GA)  
**Wetterstation HB9CF**  
Live Clublog HB9RYZ & HB9CQK  
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Raspberry PI Infos

HB9CF Wetterstation Rigi Scheidegg

## Rigi Scheidegg Arche

Updated: 220 sec. ago



Wind jetzt	Wind 15 Min.
<b>14-25</b> km/h <b>SW</b> ●	<b>12.5-35</b> km/h <b>WSW</b>
Luft Temp.	Wind heute
<b>-5.0</b> Chill: -10.4 °C ▲ -4.2 °C ▼ -5.2 °C	<b>21</b> km/h   <b>MAX 59</b> km/h
Luftfeuchtigkeit	Wolkenbasis
<b>95.9</b> %	1720m AMSL

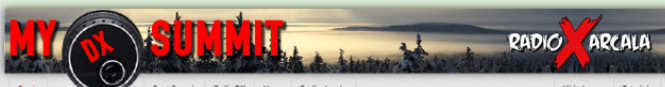
For more info and data please visit <http://holfuy.com>

# Node Red Dashboard

Rigi Remote DX-Station Dashboard HB9RYZ / HB9CQK      SFI 157 A 9 K 0      foF2 4.10      > 25 Km      06:03:05 UTC

**DX-Spots**

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Spot Search   Daily DX   News   Radio Arcaia   Visit Arcaia   Tutorials

Filters   Search

Spotter	Freq.	DX	Time	Info	Country
LX1LC	14253.0	VK5QD	06:02 03 May	CQ DX	Australia
DL4FO	14044.1	VK4FWP	06:02 03 May	vkff-3491	Australia
JABHP1	21231.0	B7CRA	06:02 03 May	SSB TNX QSO	China
ZL3XDJ	14004.0	SM7RME	06:01 03 May	hej hej	Sweden
KUBY	50261.5	W4IMD	06:01 03 May	EN61UW<MS>EM84AB MSK144 MSK144	United States
J11CPN	21074.0	VK9DX	06:01 03 May	FT8	Norfolk Island
7L4LKK	14251.0	W4TM	06:01 03 May	59 into JA	United States
DL1NCH	7028.0	F4DIAM	06:01 03 May	TU4QSO 73 Jacek-Kevelaer JO31c	France
W6LEN	14044.0	VK4FWP	06:01 03 May	vkff-3491	Australia
UN7ZAG	14075.4	JW1SQ9FVE	06:00 03 May	FT8	Svalbard
BH7ACO	18102.2	B3CRA	06:00 03 May	FT8	China
9H1TX	70000.0	ES81SP7VC	06:00 03 May	msk test pse for 30 min?	Estonia
DF5DE	50250.0	IV3MUR	05:59 03 May	JO40CX<MS>JN65VP trn QSO 73	Italy
EA4M	7074.0	PA3CP5	05:59 03 May	FT8 -01dB from JO32 2044Hz	Netherlands
IK2ILH	10114.0	3H6XX	05:59 03 May		Malta
SP6FVP	7140.5	SN9MT/P	05:58 03 May	CQ CQ WWFF SPFF-	Poland

06:03:05 03 May

Location

Share a spot


My call:    Callsign

DX:    DX

kHz:    kHz

Info:    Info

Share



**DX-Heat**

DX Cluster    Login/Signup

Filters    Realtime World Clock

DX de	Freq	DX	Comments	UTC
LX1LC	14 253.0	VK5QD	CQ DX	06:02
DL4FO	14 044.1	VK4FW/P	vkff-3491	06:02
R37H	28 027.0	B9CRA		06:02
KUBY	50 261.5	W4IMD	EN61UW<MS>EM84AB MSK144 MSK144 Sent	06:01
YU1YV	14 024.0	RP78AK		06:01
J11CPN	21 074.0	VK9DX	FT8	06:01
DL1NCH	7 028.0	F4DIAM	TU4QSO 73 Jacek-Kevelaer JO31c	06:01
W6LEN	14 044.0	VK4FW/P	vkff-3491	06:01
RX3BG	14 165.0	RP78UAZ	trn QSO	06:00
LZ1NC	10 116.5	RP78I		06:00
DF5DE	50 250.0	IV3MUR	JO40CX<MS>JN65VP trn QSO 73	05:59
RK3DQe	7 081.0	RP78AO	trn QSO	05:59
EA4M	7 074.0	PA3CP5	FT8 -01dB from JO32 2044Hz	05:59
IK2ILH	10 114.0	3H6XX		05:59
SP6FVP	7 140.5	SN9MT/P	CQ CQ WWFF SPFF-0343	05:58
N5EST	10 137.5	EA5GXI		05:57
W3LPL	10 109.0	EA66B	Heard in PA	05:57
BD1IIJ	28 029.5	B1CRA	CQ..	05:56
JR6AHD	14 076.2	8P5AA	CQ FT8	05:56
F1CPX	144 240.0	F8CH	IN97DD<TR>JN03PO 54/55 73 Pierre	05:56
J12FBG	18 100.0	9Y4DG		05:56
EA4M	7 074.0	K3YP	FT8 -16dB from EN91 1755Hz	05:56
AK4R	14 027.5	WL7HP	CW	05:56
OH2DX	14 138.6	RP78X	Respublika Komi RDA: KO-01	05:56
R2LAC	7 012.0	RP78FA	Victory-78 CQ	05:55

Sources

W3LPL    VALID    OTHER

Modes

CW    PHONE    DIGI

Bands

SHF    UHF    VHF    4m

06:03:04 UTC  
Wednesday, 3. of May 2023

Search

CALLSIGN    Search

Default    Wildcard

Submit

Submit a DX Spot  
(Login required)

Propagation

Solar Activity SFI: 157    Magnetic Activity K: 2 A: 17

Band Activity

Your Continent is: Europe

EU    NA    SA    AS    AF    OC

Chat

**DX-Propagation**

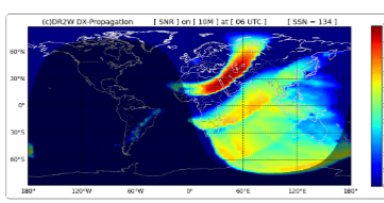
DR2W Ham Radio Contest Station

QTH: Europe    Africa    North America    South America    Asia    Australia

EXP: 4W1A - Timor-Leste    T30UN - Tarawa Isl.    T88UW - Rep. of Palau    VU7W - Lakshadweep

QRG: 10M    12M    15M    17M    20M    30M    40M    80M

VIEW: single image    animation



UTC: < 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 >

Image bundle generated on: Wednesday, 03. May 2023 07:21AM in 68847 Seconds

DR2W DX Propagation v.0.9.4, computed with: VOACAPL by HZLJW  
Calculation parameters: [ Power: 100W, Antenna: 3V2 monopole ]

Global Visitors: 04150376

# Node Red Dashboard

Rigi Remote DX-Station Dashboard HB9RYZ / HB9CQK

SFi 157 A 9 K 0

foF2 4.10

> 25 Km

06:03:40 UTC

Rigi Remote DX-Station (JN47GA)

DX-Spots & Band Activity

**PSK Reporter**

Webcam & Blitz-Info

Live Clublog HB9RYZ & HB9CQK

WebSDR Server

ARRL LOTW Login

Wetterdaten Detail

Raspberry PI Infos

### PSK Reporter

On  show  sent/rcvd by   using  over the last   [Display options](#) [Permalink](#)

Monitoring HB9RYZ (last heard 11 hrs ago). Automatic refresh in 5 minutes. HB9RYZ statistics: 5029 reports, 131 countries last 24 hours; 31505 reports, 140 countries last week

There are 498 active FT8 monitors: 457 on 6m, 31 on 10m, 23 on 15m, 29 on 17m, 18 on 2m, 17 on 12m, 13 on 40m, 12 on 30m, 11 on 20m, 7 on 70cm, 4 on 60m, 4 on 80m, 1 on 160m, 1 on 23cm. [Show all on all bands.](#) [Legend](#)

Monitor: AJ4LJ Loc EL90US  
in United States  
Receiving: FT8 on 50.313 MHz (6m)  
Using: WSJT-X v2.6.0 b15b07  
[Show all seen by AJ4LJ](#)

© OpenMapTiles © OpenStreetMap contributors

Statistics — Comments to Philip Gladstone — Online discussions — Reception records: 36,347,515,885 — Hosting by Fast Serv Networks, LLC

PSKREPORTER.INFO




# Node Red Dashboard

Rigi Remote DX-Station Dashboard HB9RYZ / HB9CQK

SFi 157 A 9 K 0

foF2 4.10

 > 25 Km

06:04:25 UTC

Rigi Remote DX-Station (UN47GA)

DX-Spots & Band Activity

PSK Reporter

**Webcam & Blitz-Info**

Live Clublog HB9RYZ & HB9CQK

WebSDR Server

ARRL LOTW Login

Wetterdaten Detail

Raspberry PI Infos

Rigi WebCam

HB9RYZ-CQK-by-RIGILINK.CH

2023-05-03 08:04:24  
HB9RYZ-CQK-by-RIGILINK.CH

Live Blitz-Info

Blitzortung.org

Delay (min): 4.2s  
Missed after: 43s (count)

# Node Red Dashboard

Rigi Remote DX-Station Dashboard HB9RYZ / HB9CQK

SFi 157 A 9 K 0

foF2 4.10

> 25 Km

06:04:54 UTC

Rigi Remote DX-Station (JN47GA)

DX-Spots & Band Activity

PSK Reporter

Webcam & Blitz-Info

Live Clublog HB9RYZ & HB9CQK

WebSDR Server

ARRL LOTW Login

Wetterdaten Detail

Raspberry PI Infos

Live Clublog HB9RYZ & HB9CQK

**CLUBLOG** HB9RYZ 06:04:55 15750 QSOs Rate: 2 QSOs/day

Phone CW Data

30: 2023-04-23 08:58:00 2400,000 SSB AUIITU  
29: 2023-04-23 10:29:15 435,310 PKT KC9ELU  
28: 2023-04-23 10:30:20 435,310 PKT IK8USO  
27: 2023-04-23 10:30:24 435,310 PKT IK15LD  
26: 2023-04-24 19:41:00 18,146 FT8 UJ7W  
25: 2023-04-25 18:15:00 3,966 FT8 VU7W  
24: 2023-04-25 18:17:00 50,314 FT8 PYSFM  
23: 2023-04-26 18:03:00 14,091 FT8 SX2I  
22: 2023-04-26 20:52:00 7,057 FT8 SX2I  
21: 2023-04-27 20:01:00 18,131 FT8 SX2I  
20: 2023-04-28 10:52:00 24,912 FT8 SX2I  
19: 2023-04-28 18:45:00 18,091 FT8 SX2I  
18: 2023-04-30 06:03:00 7,058 FT8 J88IH  
17: 2023-04-30 06:27:33 435,310 PKT UTSEDU  
16: 2023-04-30 06:28:57 435,310 PKT SV2WHH  
15: 2023-04-30 06:31:53 435,310 PKT IM800Z  
14: 2023-04-30 06:33:49 435,310 PKT R4WR  
13: 2023-04-30 06:36:53 435,310 PKT EC1CT  
12: 2023-04-30 07:07:06 435,310 PKT EA3TA  
11: 2023-04-30 07:16:41 435,310 PKT JH3CFN  
10: 2023-04-30 07:39:00 21,091 FT8 SX2I  
09: 2023-04-30 14:32:16 435,310 PKT G30UA  
08: 2023-04-30 14:32:25 435,310 PKT AA9VI  
07: 2023-04-30 14:32:35 435,310 PKT KQ4DO  
06: 2023-04-30 14:32:41 435,310 PKT AC09  
05: 2023-04-30 14:32:58 435,310 PKT KC71GT  
04: 2023-04-30 14:35:07 435,310 PKT W8NBC  
03: 2023-04-30 14:35:25 435,310 PKT NS2NL  
02: 2023-05-01 16:09:00 24,912 FT8 DX8NE  
01: 2023-05-02 18:08:00 14,091 FT8 DX8NE

First QSO: 2016-03-06 13:30 Last QSO: < 12 hours Map pins: 1000 Update rate: 100s Heartbeat: 06:04:40

[Log Search](#) [DX Spots](#) [Live Stream by Club Log Documentation | Wrong location?](#)

**CLUBLOG** HB9CQK 06:04:55 20360 QSOs Rate: 4 QSOs/day

Phone CW Data

30: 2023-04-30 11:34:19 14,264 SSB HB9FTS  
29: 2023-04-30 11:36:36 28,475 SSB HB9EOU  
28: 2023-04-30 11:38:12 28,468 SSB EV1R  
27: 2023-04-30 11:42:52 7,164 SSB HB9HVE  
26: 2023-04-30 11:44:26 7,177 SSB HB9ZG  
25: 2023-04-30 11:45:28 28,477 SSB HB9ZG  
24: 2023-04-30 11:47:09 7,141 SSB HB2C  
23: 2023-04-30 11:48:32 7,123 SSB HB9AA  
22: 2023-04-30 11:50:02 7,120 SSB HB9HJD  
21: 2023-04-30 11:53:20 7,199 SSB 9A8SX  
20: 2023-04-30 11:55:15 7,152 SSB HB9GL  
19: 2023-04-30 11:56:19 7,157 SSB HB9KG  
18: 2023-04-30 12:03:34 7,190 SSB HB9RE  
17: 2023-04-30 12:11:24 7,111 SSB HB9DND  
16: 2023-04-30 20:35:17 18,101 FT8 VE3GDD  
15: 2023-04-30 20:47:45 14,075 FT8 VP9GE  
14: 2023-05-01 10:45:13 21,088 CW 3D2AG  
13: 2023-05-01 10:55:03 28,083 CW VU2THP  
12: 2023-05-01 11:04:13 18,076 CW VJ3MA  
11: 2023-05-01 11:28:24 21,019 CW 81CRA  
10: 2023-05-01 15:39:45 24,911 FT8 DX8NE  
09: 2023-05-01 19:36:32 21,074 FT8 K4AEH  
08: 2023-05-01 19:37:15 21,074 FT8 UR9QQ  
07: 2023-05-01 19:38:30 21,074 FT8 HB3LFG  
06: 2023-05-01 19:40:00 21,074 FT8 9A1AD  
05: 2023-05-01 19:41:00 21,074 FT8 WA3JAT  
04: 2023-05-01 19:42:04 21,074 FT8 KF9UG  
03: 2023-05-01 19:43:00 21,074 FT8 NF1G  
02: 2023-05-01 19:44:45 21,074 FT8 WA3PH  
01: 2023-05-02 17:16:45 14,091 FT8 DX8NE

First QSO: 1982-11-21 01:10 Last QSO: > 24 hours Map pins: 1000 Update rate: 100s Heartbeat: 06:04:40

[Log Search](#) [DX Spots](#) [Live Stream by Club Log Documentation | Wrong location?](#)

# Node Red Dashboard

Rigi Remote DX-Station Dashboard HB9RYZ / HB9CQK SFI 157 A 9 K 0 foF2 4.10 > 25 Km 06:05:41 UTC

- Rigi Remote DX-Station (JN47GA)
- DX-Spots & Band Activity
- PSK Reporter
- Webcam & Blitz-Info
- Live Clublog HB9RYZ & HB9CQK
- WebSDR Server**
- ARRL LOTW Login
- Wetterdaten Detail
- Raspberry PI Infos

### WebSDR Servers

Welcome to the K3FEF & W3TKP QTH! STATUS: NORMAL [Page into Wordpress](#) [Page out of iframe](#)  
PLEASE READ: If user count is over 50, do not listen to more than one station at a time out of courtesy to other users (or risk your to being blocked). This receiver consists of multiple RTL-SDR Ver.3 dongles fed from an HF LNA attached to a G5RV antenna located in Milford, Pennsylvania - Northeastern USA. It is operated by Michael - K3FEF and his XYL, Tanya - W3TKP. Join the [K3FEF WebSDR Project Page on Facebook](#) for chat, news, and info related to this WebSDR.  
\*\* We are now compatible with the Android app: Pocket RxTx (Available in the Play Store - more info at <https://www.yo3ggr.ro/>)  
\*\* More information about the WebSDR project can be found on <http://www.web-sdr.org>  
Buy your own RTL-SDR Ver. 3 using my Amazon affiliate link (which is what I use!): [RTL-SDR Blog R82072 RTL2832U 1PPM TCXO SMA Software Defined Radio \(Dongle Only\)](#)

Please log in by typing your name or callsign here (it will be saved for later visits in a cookie):

View:  all bands  others slow  one band  blind Allow keyboard:  Waterfall:  Java @ HTML5 Sound:  Java @ HTML5 [Chrome audio start](#) [Firefox audio start!](#)

Frequency:  kHz  
Band:  180m  80m  40m  30m  20m  17m  10m  6m  
Bandwidth:  kHz @ -50dB, 10.15 kHz @ -50dB  
Modes:  wider  CW-wide  LSB  USB  AM  FM  
 narrower  CW-narrow  LSB-nrw  USB-nrw  AM-nrw  
Memories:

Waterfall view:    
   
 mute  squelch  autotune  
Volume:   
Audio recording:   
Signal strength plot:  none

Logbook:  
Call of station that you hear:   
Comments (nothing stupid!):    
Note: time, frequency, your numerical, and EMCCID information are added automatically.  
View the [last 20 lines of the logbook](#), or the [global logbook](#) (click for new tab/window).

This WebSDR is currently being used by 25 user(s) simultaneously:  compact view

### Wide-band WebSDR

Amateur radio club ETGD PI4THT Faculty for Electrical Engineering, Mathematics and Computer Science  University of Twente Enschede - The Netherlands

On this page you can listen to and control a short-wave receiver located at the amateur radio club [ETGD](#) at the [University of Twente](#). In contrast to other web-controlled receivers, this receiver can be tuned by multiple users simultaneously, thanks to the use of Software-Defined Radio.

This site, which in 2008 was the very first WebSDR site ever, was finally reactivated in July 2012 after [an interruption of more than 1.5 years](#); read also the [old news since then](#).

The system is currently composed of a "Mini-Whip" antenna, a homebuilt SDR board (as pictured; see [here for background](#)) which samples the entire shortwave spectrum and sends all of this via a gigabit ethernet link to a PC, where a special version of the WebSDR server software processes it. The Mini-Whip is based on a design from PA0RDT (google finds it); see [some pictures](#). The active receiving element is about 5 by 10 cm large. Such an antenna only works well with a [good grounding](#); ours is on top of a 20m high building, the upper part of which is all metal.

Other services available on this system:

- WSPR reception
- Signal reception
- Entire day waterfall display

Questions and remarks about this WebSDR can be sent to the developer and maintainer: [pa2fum@websdr.org](mailto:pa2fum@websdr.org) (but please check the [FAQ](#) first).

Please log in by typing your name or callsign here (it will be saved for later visits in a cookie):


# Node Red Dashboard

Rigi Remote DX-Station Dashboard HB9RYZ / HB9CQK      SFi 157 A 9 K 0      foF2 4.10      > 25 Km      06:06:24 UTC


- Rigi Remote DX-Station (JN47GA)
- DX-Spots & Band Activity
- PSK Reporter
- Webcam & Blitz-Info
- Live Clublog HB9RYZ & HB9CQK
- WebSDR Server
- ARRL LOTW Login**
- Wetterdaten Detail
- Raspberry Pi Infos

### ARRL LOTW Login

Today is Wed, 3 May 2023 UTC [Log On](#)



THE ARRL  
**LOGBOOK**  
OF THE WORLD™



**YAESU**  
The radio  
PRINCIPAL SPONSOR  
of the LoTW Website

Search Help:  Search

#### Log on to Logbook of the World

Note: You must have been issued a certificate before you can log on to the LoTW site.

Username:

Password:  Note: This is not the password sent to US amateurs via postcard!  
[Forgot password?](#)

*The page /lotwuser/default requires authentication.*

Your browser must support cookies and be set to accept cookies from lotw.arrl.org in order to log in.

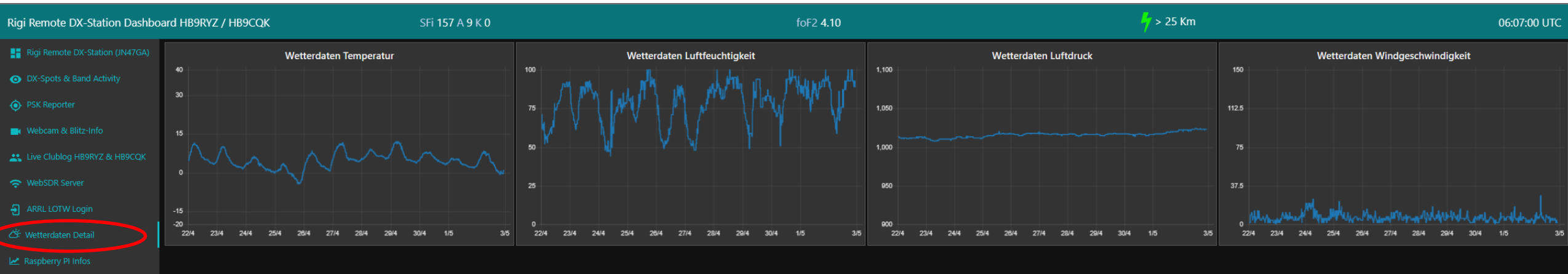
Not a member of Logbook of the World? [Get started today!](#)

[ARRL website](#)

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# Node Red Dashboard



# Node Red Dashboard

Rigi Remote DX-Station Dashboard HB9RYZ / HB9CQK      SFI 157 A 9 K 0      foF2 4.10      > 25 Km      06:07:29 UTC

- ☰ Rigi Remote DX-Station (JN47GA)
- 📡 DX-Spots & Band Activity
- 📄 PSK Reporter
- 📹 Webcam & Blitz-Info
- 👤 Live Clublog HB9RYZ & HB9CQK
- 📡 WebSDR Server
- 🔑 ARRL LOTW Login
- 🌤️ Wetterdaten Detail
- 📄 Raspberry Pi Infos

### CPU

CPU sys/usr      CPU Temp

Load Avg

1min 5Min 15Min

Temperature, °C

### Memory

Uptime, d:hm 10:21:56

RAM usage

23.24

%

### Media

SD Card /dev/root

Used

33%

### Volts

Core Processor      Sdram\_c

Sdram\_i      Sdram\_p

Nominal

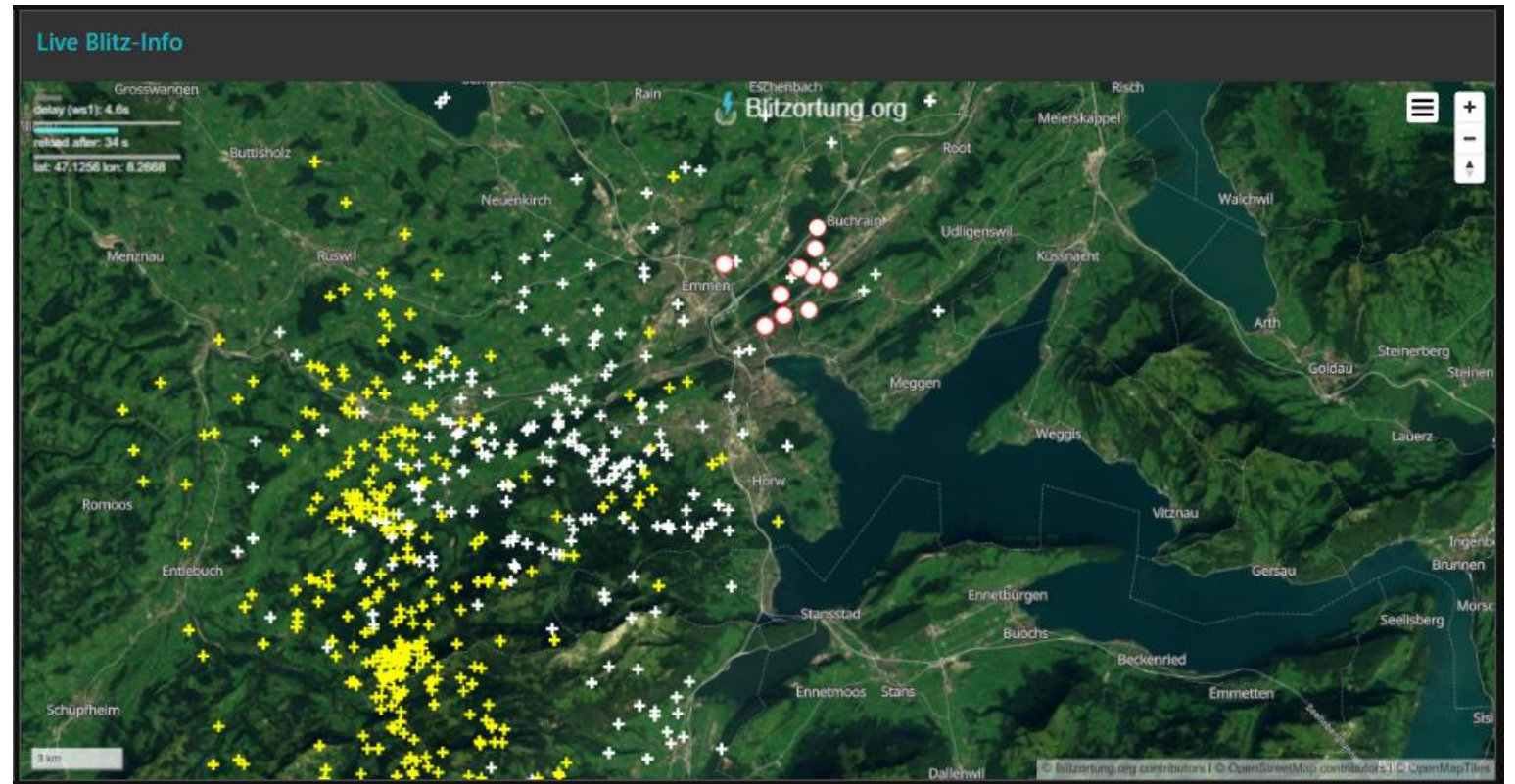
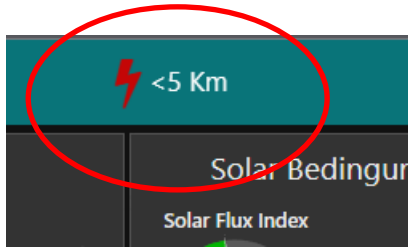
### Clock

ARM Processor  
1'500'345'728

Core Processor  
500'000'992

v3d Driver  
500'000'992

# Live Blitz-War-Meldung visuell und mit Audio



2023-04-23 16:38:44  
HB9RYZ-CQK-by-RIGILINK.CH



# Node Red Dashboard Configuration

The screenshot shows the Node-RED interface with a dashboard titled "EA4TXARS Rotor". The dashboard includes several widgets: "Azimuth Rotor", "Rotor Bearing buttons" (Left, Right, STOP), "RASPI IP-Address zu Hause", and "EA4TX Rotor Node". The flowchart consists of several nodes: a "filter" node with values 270, 000, 090, 180, 218, 263, 300, and 45; a "Set heading" node; a "point to angle" node; a "Draw Beam Target" node; a "filter" node; a "function" node; a "Draw Beam Actual" node; a "limit 1 msg/s" node; and an "SVG graphics" node. The flowchart also includes a "Receive Rotator" node, a "Build Rotator String" node, and a "Send Rotator" node. The dashboard sidebar shows "Layout", "Site", and "Theme" options, and a "Tabs & Links" section with links to "Rigi Remote Dashboard", "Wetterdaten Detail", "Raspberry PI Infos", "Webcam", and "Test SVG".

