

Bandwidth Graphs

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If you'd like help analyzing your graphs, contact WiscNet Support (support@wiscnet.net or 608-442-6761, opt 2).

If you feel you need an upgrade, contact WiscNet Member Success (membersuccess@wiscnet.net).

Searching

Search using your **Member Organization name** or **WiscNet Circuit ID number**

Search for your Member Organization name. Use shorter sections of text, such as "Abbotsford" / "Abbots" or "Wrightstown" / "Wright".

Circuit Info

Term	Description
Member Organization	Name of organization
Device A / Z	Hostname of the WiscNet devices on either side of your uplink
Interface A / Z	Router interface names
Bandwidth	Capacity of link in mbps
Site Code	Code used to help correlate graphs to Member Organization
Transport Provider	Who you may be using as a transport provider
Transport Provider ID A / Z	Circuit ID from the transport provider
WiscNet Circuit ID	Internal WiscNet identifier for your circuit
TEACH ID	Identifier if circuit provided by Teach Network
Hub	WiscNet Backbone aggregation device at a Pop
CPE	Customer Premise Equipment on site. See WiscNet Managed Device (CPE)

Circuit Graphs

Graphs are displayed from the Hub (pop) side as well as the CPE (member) side, should a CPE exist.

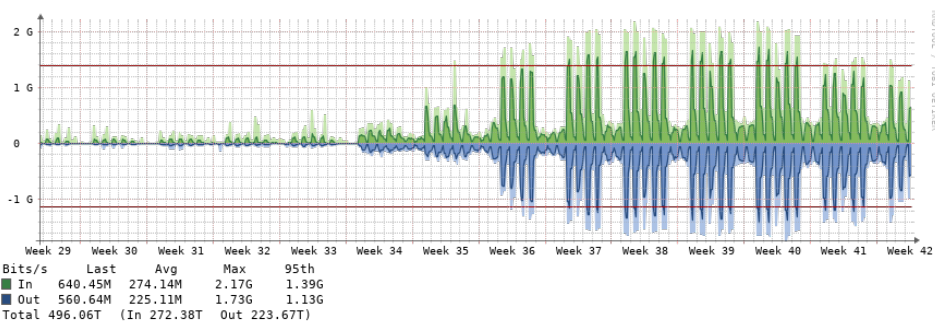
Units are in [International System of Units](#) (G = giga M = mega, m = milli..)

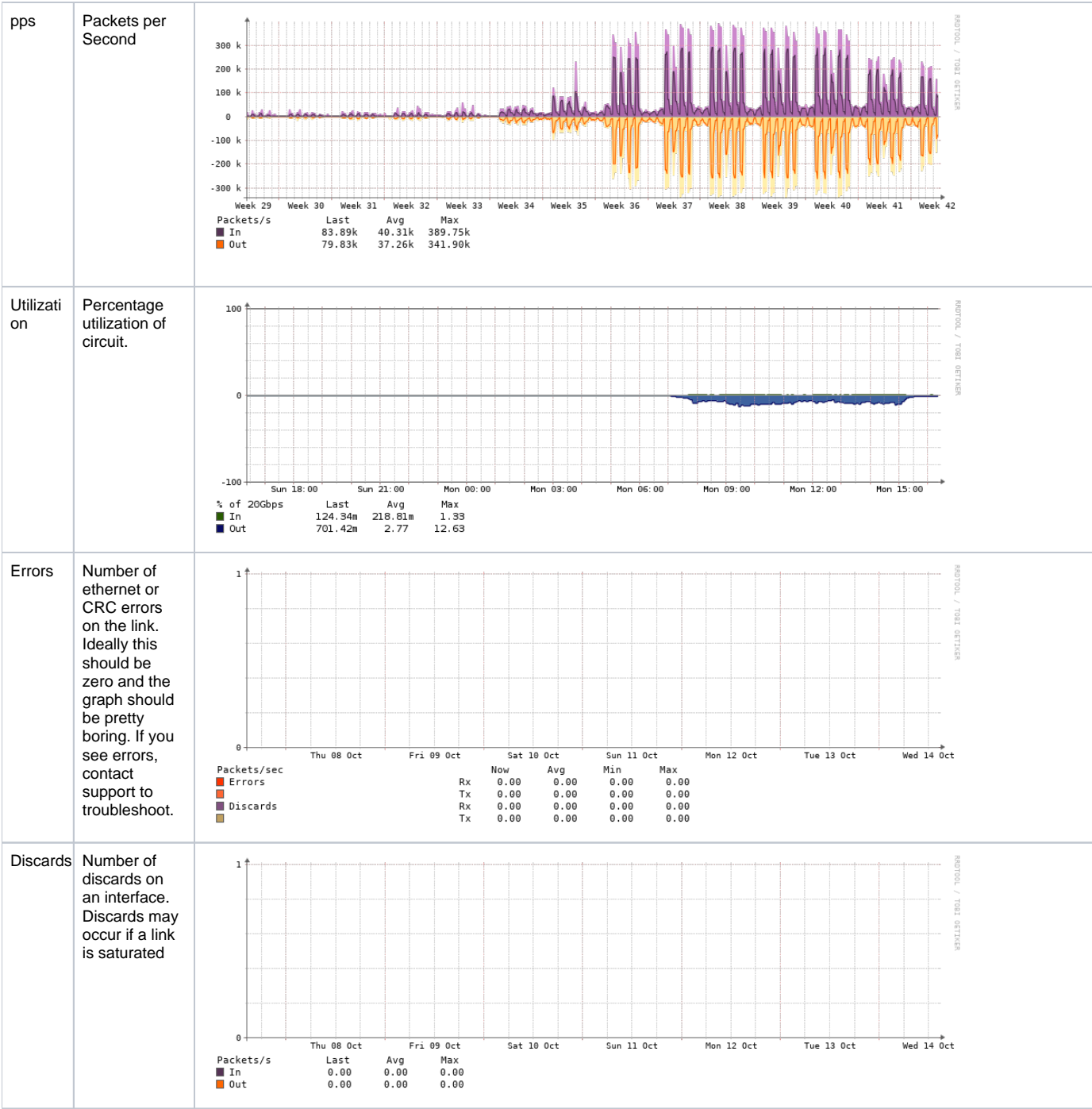
Term	Description	Example Graph
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bps

Bits per second

- **Dark green / Dark blue** areas indicate average bps over a time period
 - Note that graph data is summarized as it ages, so older graph data will be less precise than newer graph data
- **Light Green / Light blue** areas indicate maximum bps during a time period
- **Total** (bottom left): approximate total traffic transferred during the timeframe selected, both directions
 - **In/Out:** total per direction

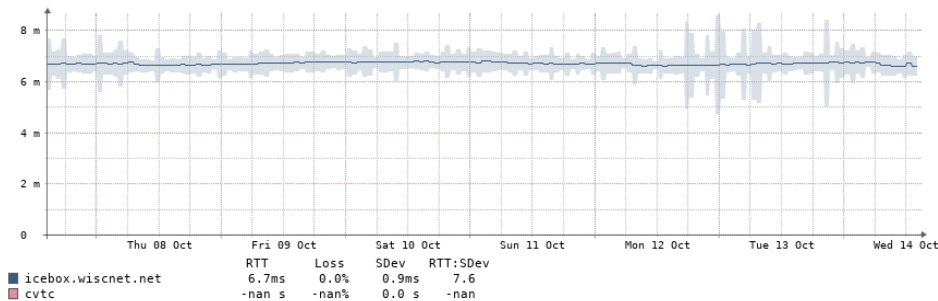
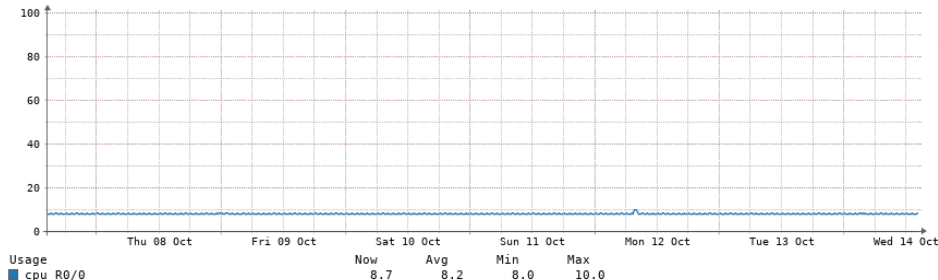
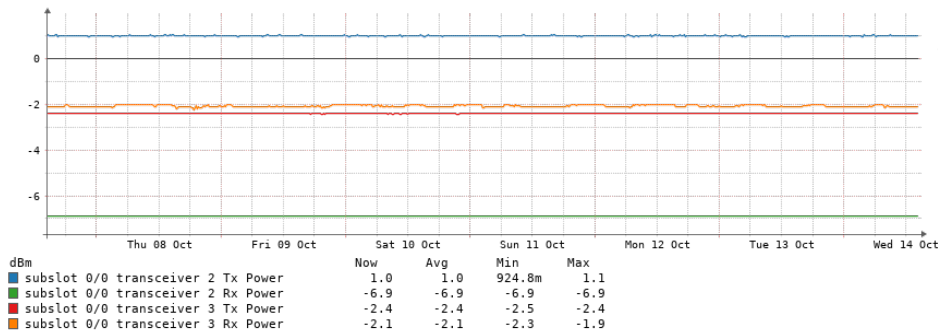
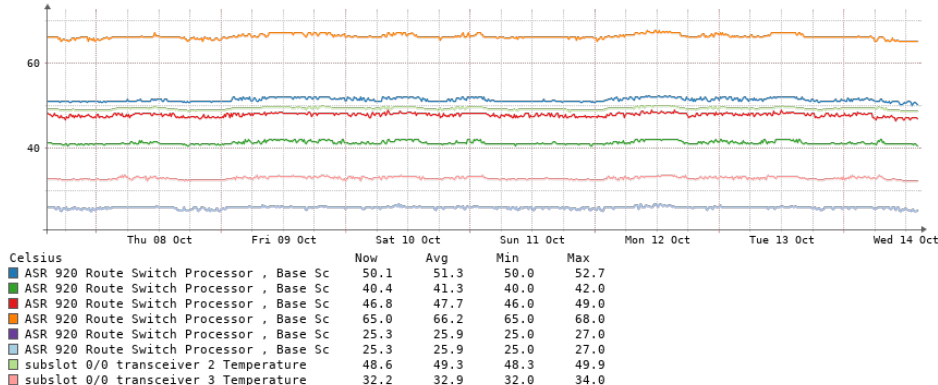
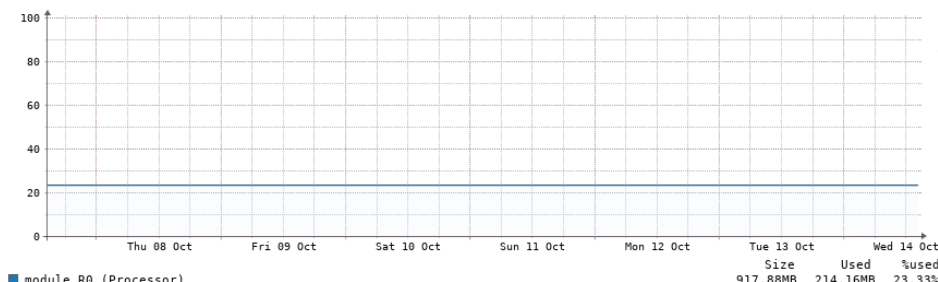


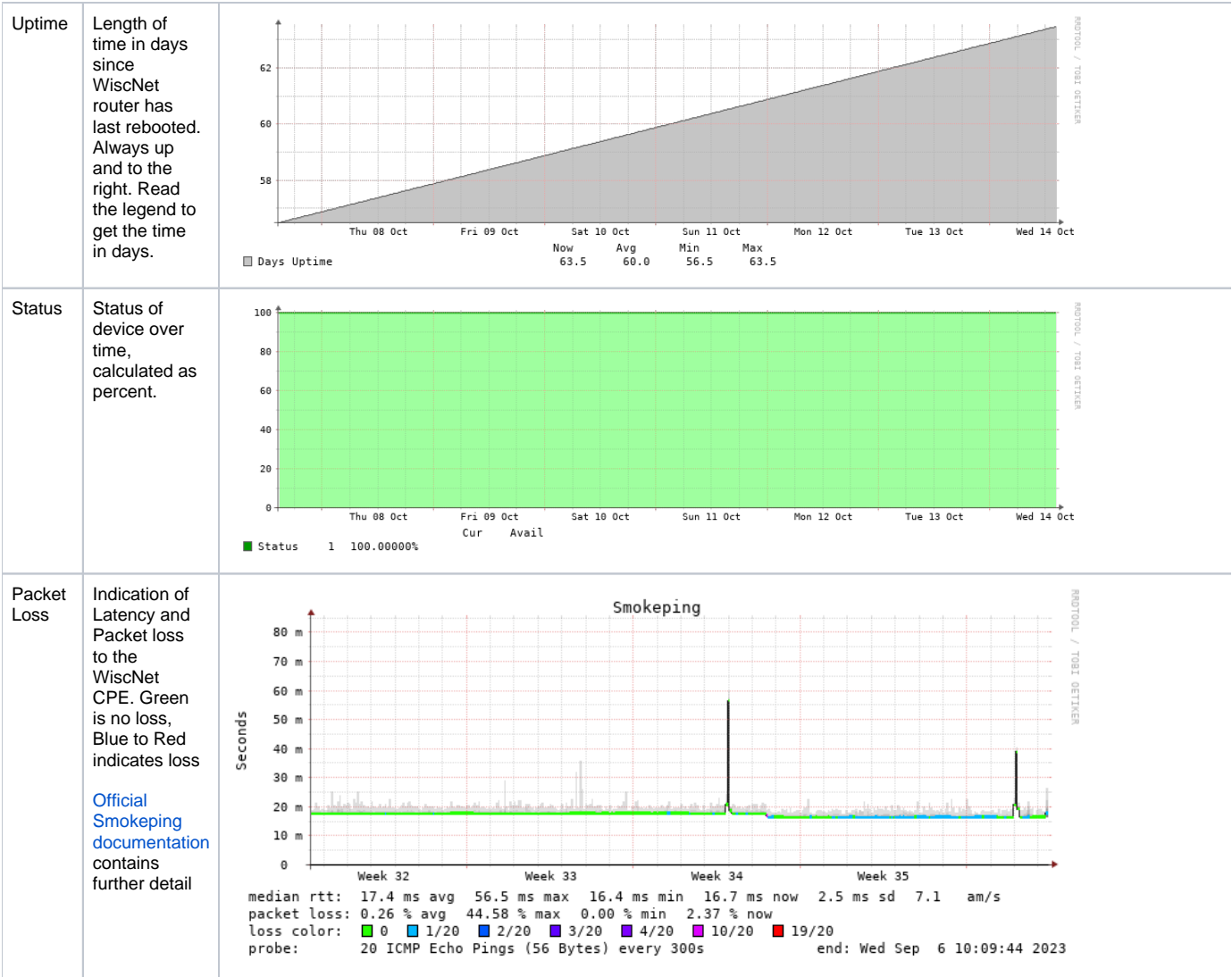


Device Graphs

These are sensors and indicators on your [WiscNet Managed Device \(CPE\)](#). These graphs will not be visible if you do not have a WiscNet-managed device.

Term	Description	Example Graph
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Ping Respo nse Time	Time in milliseconds it took our monitoring server to ping WiscNet router on premise. Ping is currently sourcing from Eau Claire, WI.	 <table><tr><th></th><th>RTT</th><th>Loss</th><th>SDev</th><th>RTT:SDev</th></tr><tr><td>icebox.wiscnet.net</td><td>6.7ms</td><td>0.0%</td><td>0.9ms</td><td>7.6</td></tr><tr><td>cvtc</td><td>-nan s</td><td>-nan%</td><td>0.0 s</td><td>-nan</td></tr></table>		RTT	Loss	SDev	RTT:SDev	icebox.wiscnet.net	6.7ms	0.0%	0.9ms	7.6	cvtc	-nan s	-nan%	0.0 s	-nan																														
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CPU	Processor utilization of device	 <table><tr><th></th><th>Now</th><th>Avg</th><th>Min</th><th>Max</th></tr><tr><td>Usage</td><td>8.7</td><td>8.2</td><td>8.0</td><td>10.0</td></tr><tr><td>cpu R0/0</td><td></td><td></td><td></td><td></td></tr></table>		Now	Avg	Min	Max	Usage	8.7	8.2	8.0	10.0	cpu R0/0																																		
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Optical Monitor ing (DOM)	Shows light levels received on fiber optic connections	 <table><tr><th></th><th>Now</th><th>Avg</th><th>Min</th><th>Max</th></tr><tr><td>subslot 0/0 transceiver 2 Tx Power</td><td>1.0</td><td>1.0</td><td>924.8m</td><td>1.1</td></tr><tr><td>subslot 0/0 transceiver 2 Rx Power</td><td>-6.9</td><td>-6.9</td><td>-6.9</td><td>-6.9</td></tr><tr><td>subslot 0/0 transceiver 3 Tx Power</td><td>-2.4</td><td>-2.4</td><td>-2.5</td><td>-2.4</td></tr><tr><td>subslot 0/0 transceiver 3 Rx Power</td><td>-2.1</td><td>-2.1</td><td>-2.3</td><td>-1.9</td></tr></table>		Now	Avg	Min	Max	subslot 0/0 transceiver 2 Tx Power	1.0	1.0	924.8m	1.1	subslot 0/0 transceiver 2 Rx Power	-6.9	-6.9	-6.9	-6.9	subslot 0/0 transceiver 3 Tx Power	-2.4	-2.4	-2.5	-2.4	subslot 0/0 transceiver 3 Rx Power	-2.1	-2.1	-2.3	-1.9																				
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Tempe rature	Internal temperature of device. Some models will have multiple sensors. Y axis changes dynamically.	 <table><tr><th></th><th>Now</th><th>Avg</th><th>Min</th><th>Max</th></tr><tr><td>ASR 920 Route Switch Processor , Base Sc</td><td>50.1</td><td>51.3</td><td>50.0</td><td>52.7</td></tr><tr><td>ASR 920 Route Switch Processor , Base Sc</td><td>40.4</td><td>41.3</td><td>40.0</td><td>42.0</td></tr><tr><td>ASR 920 Route Switch Processor , Base Sc</td><td>46.8</td><td>47.7</td><td>46.0</td><td>49.0</td></tr><tr><td>ASR 920 Route Switch Processor , Base Sc</td><td>65.0</td><td>66.2</td><td>65.0</td><td>68.0</td></tr><tr><td>ASR 920 Route Switch Processor , Base Sc</td><td>25.3</td><td>25.9</td><td>25.0</td><td>27.0</td></tr><tr><td>ASR 920 Route Switch Processor , Base Sc</td><td>25.3</td><td>25.9</td><td>25.0</td><td>27.0</td></tr><tr><td>subslot 0/0 transceiver 2 Temperature</td><td>48.6</td><td>49.3</td><td>48.3</td><td>49.9</td></tr><tr><td>subslot 0/0 transceiver 3 Temperature</td><td>32.2</td><td>32.9</td><td>32.0</td><td>34.0</td></tr></table>		Now	Avg	Min	Max	ASR 920 Route Switch Processor , Base Sc	50.1	51.3	50.0	52.7	ASR 920 Route Switch Processor , Base Sc	40.4	41.3	40.0	42.0	ASR 920 Route Switch Processor , Base Sc	46.8	47.7	46.0	49.0	ASR 920 Route Switch Processor , Base Sc	65.0	66.2	65.0	68.0	ASR 920 Route Switch Processor , Base Sc	25.3	25.9	25.0	27.0	ASR 920 Route Switch Processor , Base Sc	25.3	25.9	25.0	27.0	subslot 0/0 transceiver 2 Temperature	48.6	49.3	48.3	49.9	subslot 0/0 transceiver 3 Temperature	32.2	32.9	32.0	34.0
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Memory	Memory utilization of WiscNet router. Some devices may display multiple readings depending on memory pool	 <table><tr><th></th><th>Size</th><th>Used</th><th>%used</th></tr><tr><td>module R0 (Processor)</td><td>917.88MB</td><td>214.16MB</td><td>23.33%</td></tr></table>		Size	Used	%used	module R0 (Processor)	917.88MB	214.16MB	23.33%																																					
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Changelog History

- 16 Apr 2024 - Search results now display as table instead of list. Added TEACH ID where applicable
- 06 Sep 2023 - Added Packet Loss graph
- 13 Sep 2022 - Added Network Diagram, Bandwidth Utilization Percent, Upload/Download colour coding, disable 95th% line
- 01 Sep 2022 - Added CPE network graphs
- 24 Aug 2022 - Fixes for Mobile view
- 02 Mar 2022 - Clarify CPE interface names with 'Port'
- 19 Apr 2018 - Initial release of [graphs.wiscnet.net](#). Replaced [nrg.wiscnet.net](#).