

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.

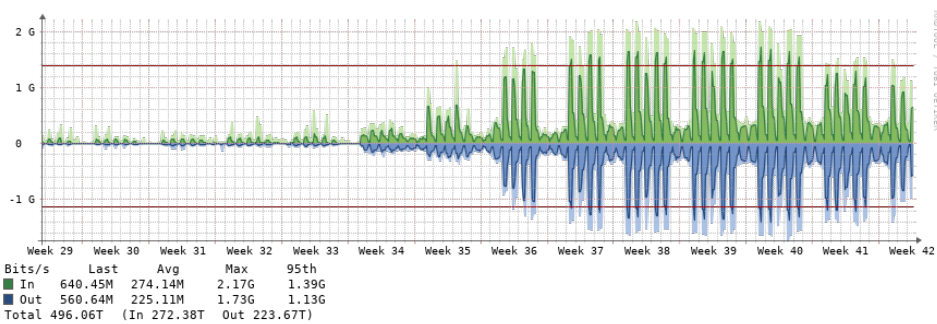
Units are in [International System of Units](#) (G = giga M = mega, m = milli..)

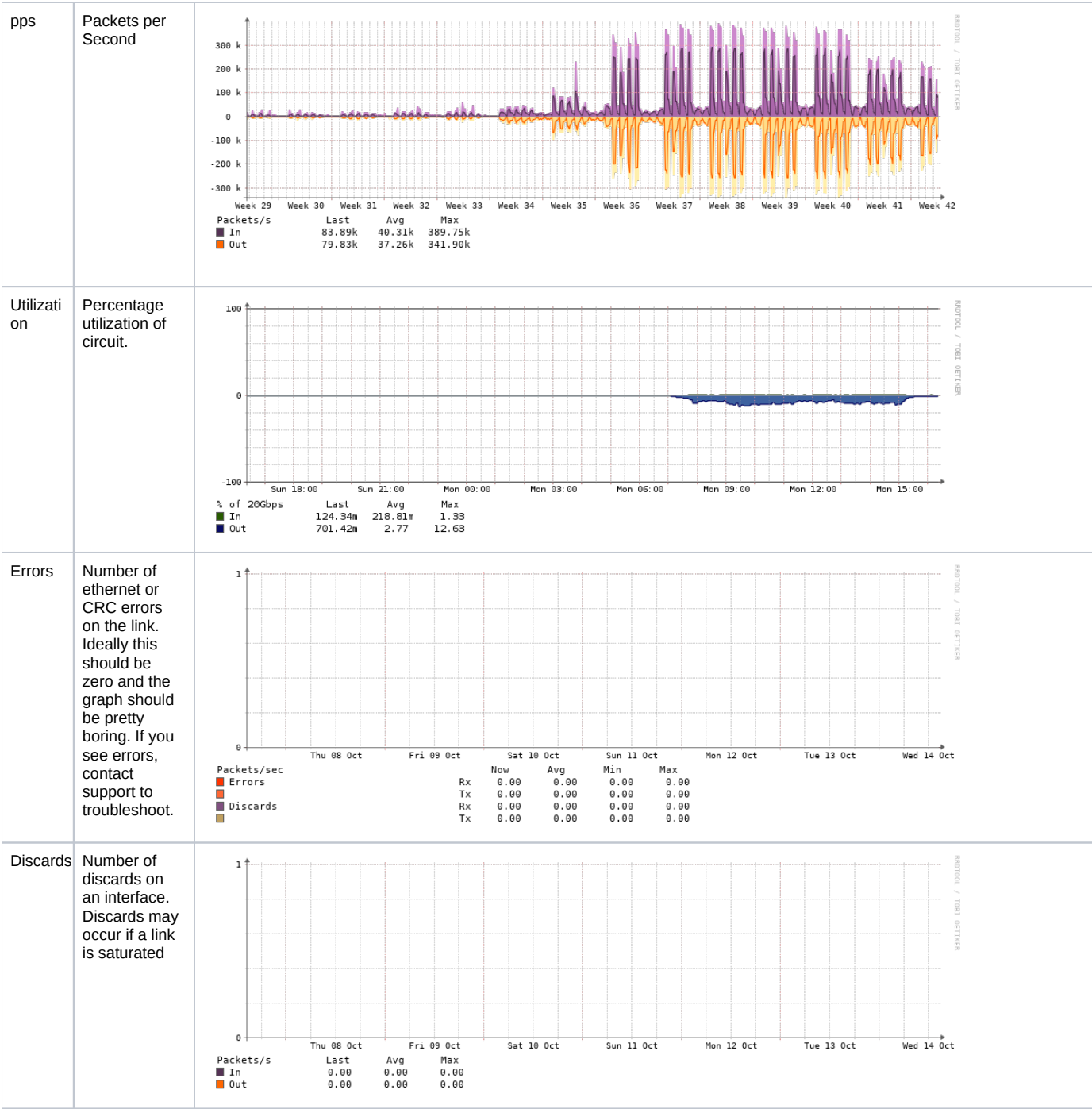
Term	Description	Example Graph
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bps

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

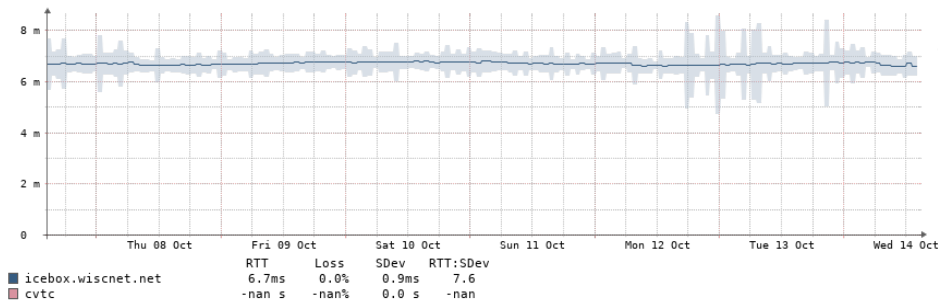
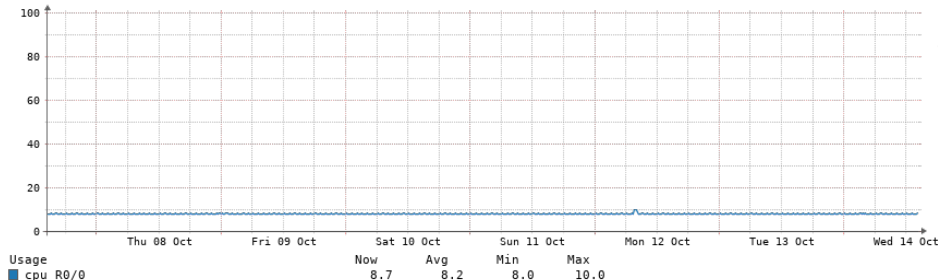
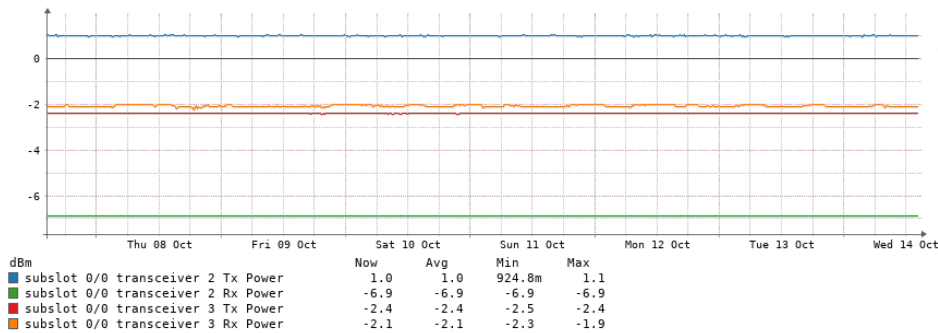
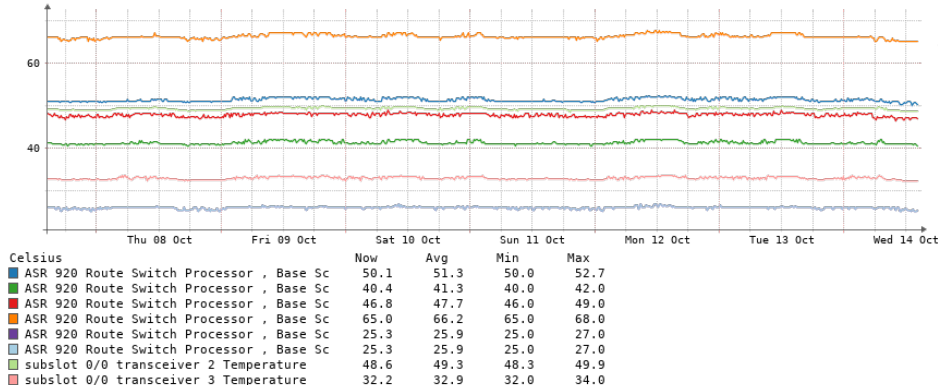
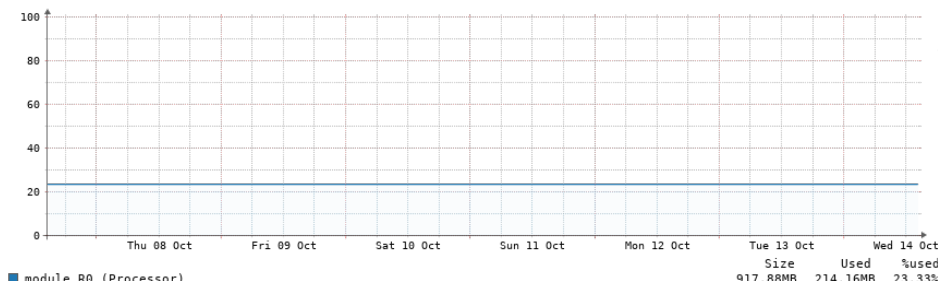


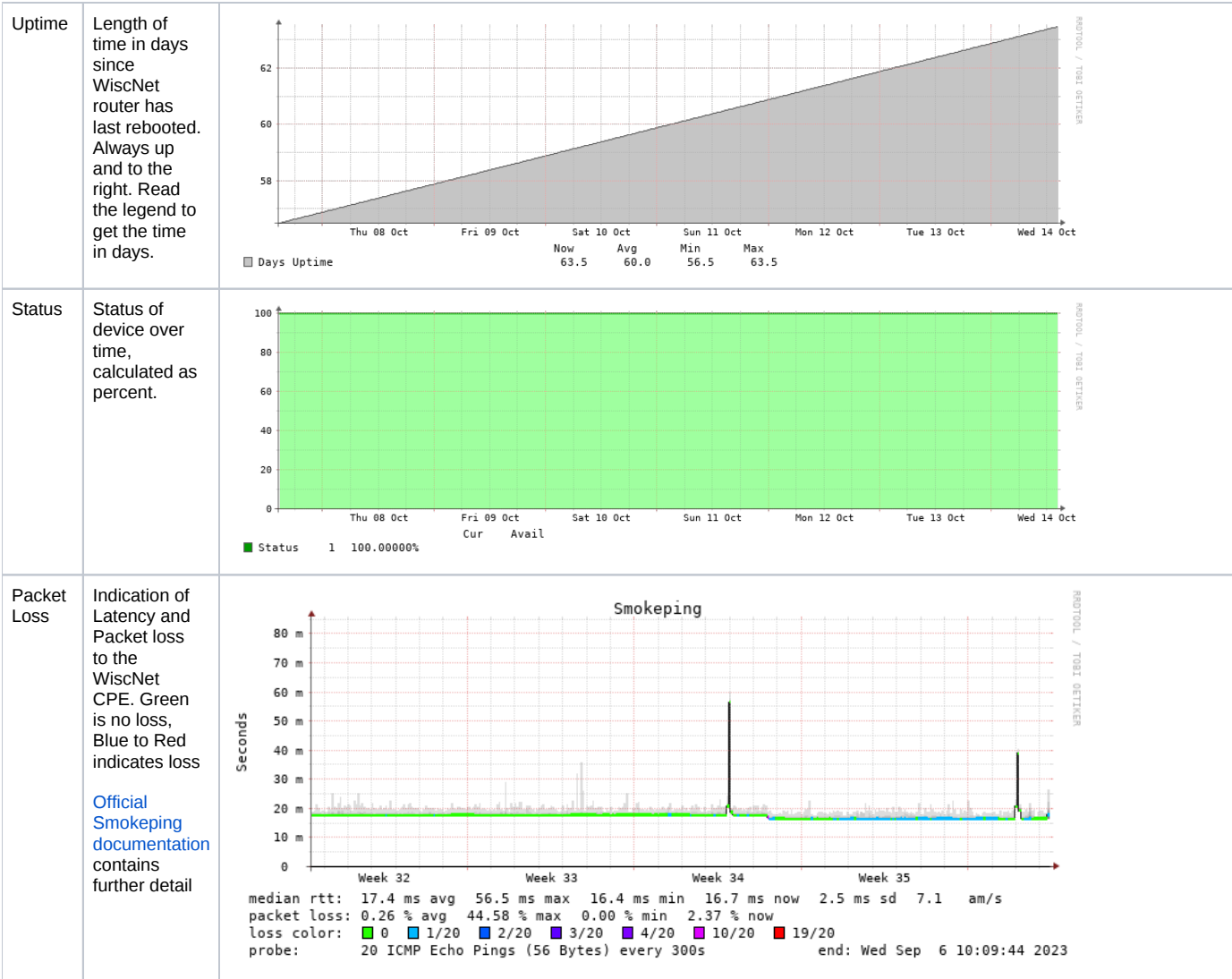


Device Graphs

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><td></td><td>Thu 08 Oct</td><td>Fri 09 Oct</td><td>Sat 10 Oct</td><td>Sun 11 Oct</td><td>Mon 12 Oct</td><td>Tue 13 Oct</td><td>Wed 14 Oct</td></tr><tr><td>■ icebox.wiscnet.net</td><td>RTT</td><td>6.7ms</td><td>Loss</td><td>0.0%</td><td>SDev</td><td>0.9ms</td><td>RTT:SDev</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><td></td><td></td><td></td><td></td></tr></table>		Thu 08 Oct	Fri 09 Oct	Sat 10 Oct	Sun 11 Oct	Mon 12 Oct	Tue 13 Oct	Wed 14 Oct	■ icebox.wiscnet.net	RTT	6.7ms	Loss	0.0%	SDev	0.9ms	RTT:SDev	7.6	■ cvtc	-nan s	-nan%	0.0 s	-nan																																																										
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CPU	Processor utilization of device	 <table><tr><td></td><td>Thu 08 Oct</td><td>Fri 09 Oct</td><td>Sat 10 Oct</td><td>Sun 11 Oct</td><td>Mon 12 Oct</td><td>Tue 13 Oct</td><td>Wed 14 Oct</td></tr><tr><td>Usage</td><td>Now</td><td>8.7</td><td>Avg</td><td>8.2</td><td>Min</td><td>8.0</td><td>Max</td><td>10.0</td></tr><tr><td>■ cpu R0/0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		Thu 08 Oct	Fri 09 Oct	Sat 10 Oct	Sun 11 Oct	Mon 12 Oct	Tue 13 Oct	Wed 14 Oct	Usage	Now	8.7	Avg	8.2	Min	8.0	Max	10.0	■ cpu R0/0																																																														
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Optical Monitor ing (DOM)	Shows light levels received on fiber optic connections	 <table><tr><td></td><td>Thu 08 Oct</td><td>Fri 09 Oct</td><td>Sat 10 Oct</td><td>Sun 11 Oct</td><td>Mon 12 Oct</td><td>Tue 13 Oct</td><td>Wed 14 Oct</td></tr><tr><td>■ subslot 0/0 transceiver 2 Tx Power</td><td>Now</td><td>1.0</td><td>Avg</td><td>1.0</td><td>Min</td><td>924.8m</td><td>Max</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><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>-2.4</td><td>-2.5</td><td>-2.4</td><td>-2.4</td><td>-2.4</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>-2.1</td><td>-2.3</td><td>-1.9</td><td>-1.9</td><td>-1.9</td><td>-1.9</td></tr></table>		Thu 08 Oct	Fri 09 Oct	Sat 10 Oct	Sun 11 Oct	Mon 12 Oct	Tue 13 Oct	Wed 14 Oct	■ subslot 0/0 transceiver 2 Tx Power	Now	1.0	Avg	1.0	Min	924.8m	Max	1.1	■ subslot 0/0 transceiver 2 Rx Power	-6.9	-6.9	-6.9	-6.9	-6.9	-6.9	-6.9	-6.9	■ subslot 0/0 transceiver 3 Tx Power	-2.4	-2.4	-2.4	-2.5	-2.4	-2.4	-2.4	-2.4	■ subslot 0/0 transceiver 3 Rx Power	-2.1	-2.1	-2.1	-2.3	-1.9	-1.9	-1.9	-1.9																																				
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Tempe rature	Internal temperature of device. Some models will have multiple sensors. Y axis changes dynamically.	 <table><tr><td></td><td>Thu 08 Oct</td><td>Fri 09 Oct</td><td>Sat 10 Oct</td><td>Sun 11 Oct</td><td>Mon 12 Oct</td><td>Tue 13 Oct</td><td>Wed 14 Oct</td></tr><tr><td>Celsius</td><td>Now</td><td>50.1</td><td>Avg</td><td>51.3</td><td>Min</td><td>50.0</td><td>Max</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><td>40.0</td><td>42.0</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><td>46.0</td><td>49.0</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><td>65.0</td><td>68.0</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><td>25.0</td><td>27.0</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><td>25.0</td><td>27.0</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><td>48.3</td><td>49.9</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><td>32.0</td><td>34.0</td><td>32.0</td><td>34.0</td></tr></table>		Thu 08 Oct	Fri 09 Oct	Sat 10 Oct	Sun 11 Oct	Mon 12 Oct	Tue 13 Oct	Wed 14 Oct	Celsius	Now	50.1	Avg	51.3	Min	50.0	Max	52.7	■ ASR 920 Route Switch Processor , Base Sc	40.4	41.3	40.0	42.0	40.0	42.0	40.0	42.0	■ ASR 920 Route Switch Processor , Base Sc	46.8	47.7	46.0	49.0	46.0	49.0	46.0	49.0	■ ASR 920 Route Switch Processor , Base Sc	65.0	66.2	65.0	68.0	65.0	68.0	65.0	68.0	■ ASR 920 Route Switch Processor , Base Sc	25.3	25.9	25.0	27.0	25.0	27.0	25.0	27.0	■ ASR 920 Route Switch Processor , Base Sc	25.3	25.9	25.0	27.0	25.0	27.0	25.0	27.0	■ subslot 0/0 transceiver 2 Temperature	48.6	49.3	48.3	49.9	48.3	49.9	48.3	49.9	■ subslot 0/0 transceiver 3 Temperature	32.2	32.9	32.0	34.0	32.0	34.0	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><td></td><td>Thu 08 Oct</td><td>Fri 09 Oct</td><td>Sat 10 Oct</td><td>Sun 11 Oct</td><td>Mon 12 Oct</td><td>Tue 13 Oct</td><td>Wed 14 Oct</td></tr><tr><td>■ module R0 (Processor)</td><td>Size</td><td>917.88MB</td><td>Used</td><td>214.16MB</td><td>%used</td><td>23.33%</td><td>23.33%</td><td>23.33%</td></tr></table>		Thu 08 Oct	Fri 09 Oct	Sat 10 Oct	Sun 11 Oct	Mon 12 Oct	Tue 13 Oct	Wed 14 Oct	■ module R0 (Processor)	Size	917.88MB	Used	214.16MB	%used	23.33%	23.33%	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.