

# North American Networks — Reference

Active LoRa mesh networks in North America — radio settings and community links only. For what the Meshtastic preset names mean, see the [preset reference](#) at the bottom of the page.

## MeshCore Networks

**Default settings:** unless the *Settings* column says otherwise, every MeshCore network below uses the **USA/Canada (Recommended)** preset — **910.525 MHz · 62.5 kHz · SF7 · CR 4/5**. In the MeshCore app just choose "USA/Canada (Recommended)"; you only need custom settings for the networks flagged  $\triangle$ .

Network	Region	Settings	Links
<b>RegionMesh</b>	Nationwide USA	USA/Canada preset	<a href="https://regionmesh.com">regionmesh.com</a> · <a href="#">coverage map</a> <a href="#">Discord</a> (via <a href="https://meshcore.gg">meshcore.gg</a> )
<b>CascadiaMesh</b>	BC / WA / OR / N. CA	USA/Canada preset	<a href="https://cascadiamesh.org">cascadiamesh.org</a> <a href="#">Discord</a>
<b>WCMesh - PNW</b>	WA / OR	USA/Canada preset	<a href="https://wcmesh.com">wcmesh.com</a> · <a href="#">map</a> <a href="#">Discord</a>
<b>WCMesh - SF Bay</b>	San Francisco Bay Area	USA/Canada preset	
<b>WCMesh - Sacramento</b>	Sacramento, CA	$\triangle$ Custom: 909.875 MHz · SF9 Not interoperable with SF7 nodes	
<b>WCMesh - SoCal</b>	Southern CA	$\triangle$ Custom: 927.875 MHz · SF7 Not compatible with the USA/Canada preset	
<b>NoDakMesh</b>	ND / SD / MSP metro	USA/Canada preset Channel: #nodakmesh	<a href="https://nodakmesh.org">nodakmesh.org</a> · <a href="#">node planner</a> <a href="#">Discord</a>

Network	Region	Settings	Links
<b>TennMesh</b>	Tennessee	USA/Canada preset Repeaters use CR 4/8	<a href="https://tennmesh.com">tennmesh.com</a> · <a href="#">live map</a> <a href="#">Discord</a> · <a href="#">Telegram</a>
<b>DFW Mesh</b>	Dallas–Fort Worth metro	USA/Canada preset	RegionMesh umbrella <a href="#">#dallas channel</a>
<b>Chicago Metro</b>	Chicago metro	USA/Canada preset	RegionMesh umbrella <a href="#">#chicago channel</a>
<b>Denver / Front Range</b>	Denver, Boulder, Fort Collins, Colorado Springs	USA/Canada preset	RegionMesh umbrella <a href="#">#colorado channel</a>

# Meshtastic Networks

*Regional presets below are community conventions, not Meshtastic project settings, and they change over time — verify with the local community before deploying (as of 2026-06-08; an active Medium Slow → Medium Fast migration was underway in the SF Bay Area). All use **250 kHz bandwidth, CR 4/5**, and the default channel/key unless noted; the preset name implies the spreading factor (see the preset reference below).*

Region	Preset	Channel / Key	Notes
SF Bay Area	<b>Medium Slow</b> (SF10)	Default	⚠ Local convention — non-standard vs. the project default of Long Fast; Long Fast nodes will not interoperate.
NYC / Tri-State	<b>Medium Slow</b> (SF10)	Default	⚠ Local convention — non-standard vs. the project default of Long Fast; Long Fast nodes will not interoperate.
Seattle / Puget Sound	Long Fast (SF11)	Default	MeshCore also active via CascadiaMesh
Portland / PNW OR	Long Fast (SF11)	Default	MeshCore also active via CascadiaMesh
NoDakMesh (ND/SD/MSP)	Long Fast (SF11)	AQ==	Hop limit 3 — see <a href="https://nodakmesh.org">nodakmesh.org</a>
Denver / Front Range	Long Fast (SF11)	Default	

Region	Preset	Channel / Key	Notes
Vancouver / BC	Long Fast (SF11)	Default	Canadian 902-928 MHz ISM band (ISED RSS-210). Cross-border interoperable with US PNW nodes only when both use the same preset and channel.
Toronto / GTA	Long Fast (SF11) downtown: Medium Slow (SF10)	Default	
Ottawa / NCR	Long Fast (SF11)	Default	

# Meshtastic Preset Reference

What each Meshtastic preset name means. All presets use coding rate 4/5 except Long Turbo, Long Moderate, and Long Slow, which use 4/8.

Preset	SF	BW	CR	Approx. Data Rate
Short Turbo	SF7	500 kHz	4/5	21.88 kbps
Short Fast	SF7	250 kHz	4/5	10.94 kbps
Short Slow	SF8	250 kHz	4/5	6.25 kbps
Medium Fast	SF9	250 kHz	4/5	3.52 kbps
<b>Medium Slow</b>	<b>SF10</b>	<b>250 kHz</b>	<b>4/5</b>	<b>1.95 kbps</b>
Long Turbo	SF11	500 kHz	4/8	1.34 kbps
<b>Long Fast</b>	<b>SF11</b>	<b>250 kHz</b>	<b>4/5</b>	<b>1.07 kbps</b>
Long Moderate	SF11	125 kHz	4/8	0.34 kbps
Long Slow	SF12	125 kHz	4/8	0.18 kbps

Source: [meshtastic.org/docs/overview/radio-settings](https://meshtastic.org/docs/overview/radio-settings)

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