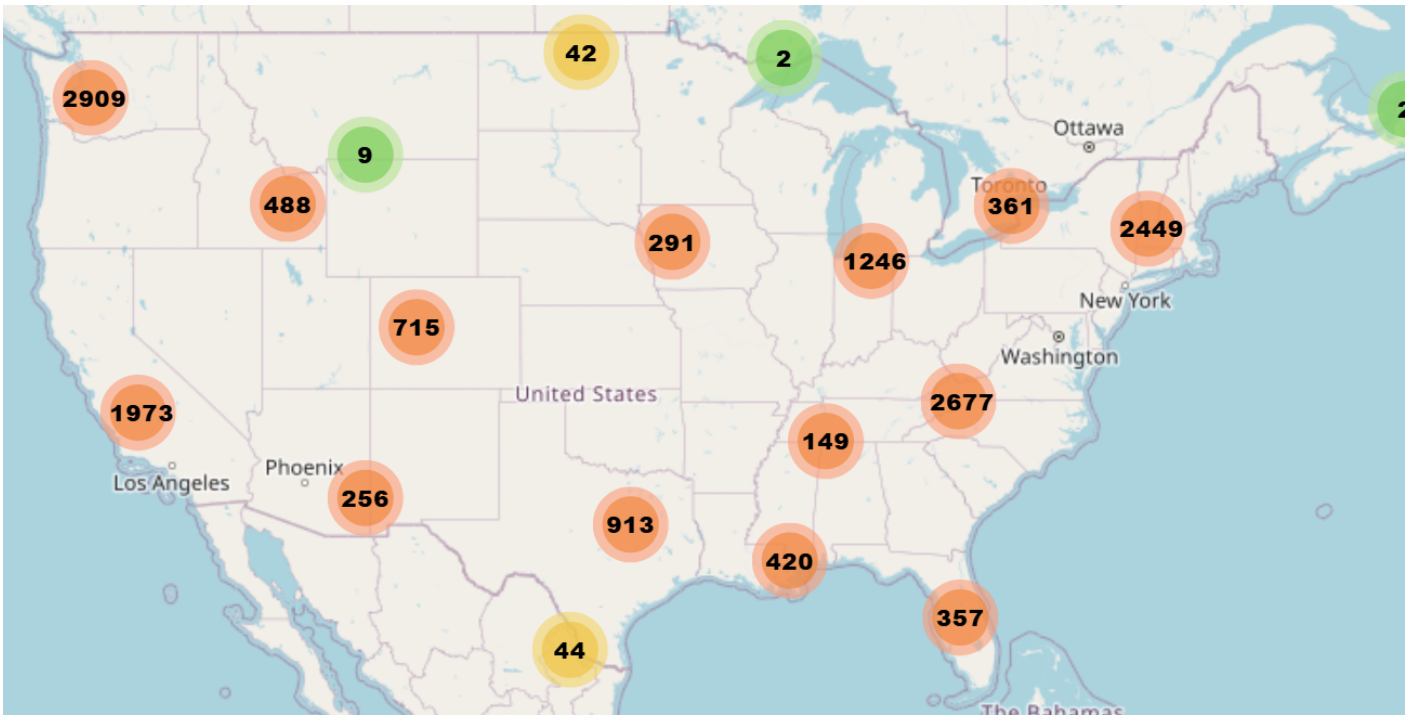
North American Networks Reference



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 ⚠.

Network	Region	Settings	Links
CascadiaMesh	BC / WA / OR / N. CA	USA/Canada preset	cascadiamesh.orgDiscord

WCMesh – PNW	WA / OR	USA/Canada preset	wcmesh.com · mapDiscord
WCMesh – SF Bay	San Francisco Bay Area	USA/Canada preset	
WCMesh – Sacramento	Sacramento, CA	⚠ Custom: 909.875 MHz · SF9 Not interoperable with SF7 nodes	
WCMesh – SoCal	Southern CA	⚠ Custom: 927.875 MHz · SF7 Not compatible with the USA/Canada preset	
NoDakMesh	ND / SD / MSP metro	USA/Canada preset Channel: #nodakmesh	nodakmesh.org · node plannerDiscord
TennMesh	Tennessee	USA/Canada preset Repeaters use CR 4/8	tennmesh.com · live mapDiscord · Telegram
DFW Mesh	Dallas–Fort Worth metro	USA/Canada preset	Discord: #dallas
Chicago Metro	Chicago metro	USA/Canada preset	Discord: #chicago
Denver / Front Range	Denver, Boulder, Fort Collins, Colorado Springs	USA/Canada preset	Discord: #colorado

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	**Medium Slow** (SF10)	Default	⚠ Local convention: non-standard vs. the project default of Long Fast; Long Fast nodes will not interoperate.

NYC / Tri-State	**Medium Slow** (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 nodakmesh.org
Denver / Front Range	Long Fast (SF11)	Default	
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
Medium Slow	**SF10**	**250 kHz**	**4/5**	**1.95 kbps**
Long Turbo	SF11	500 kHz	4/8	1.34 kbps
Long Fast	**SF11**	**250 kHz**	**4/5**	**1.07 kbps**
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

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