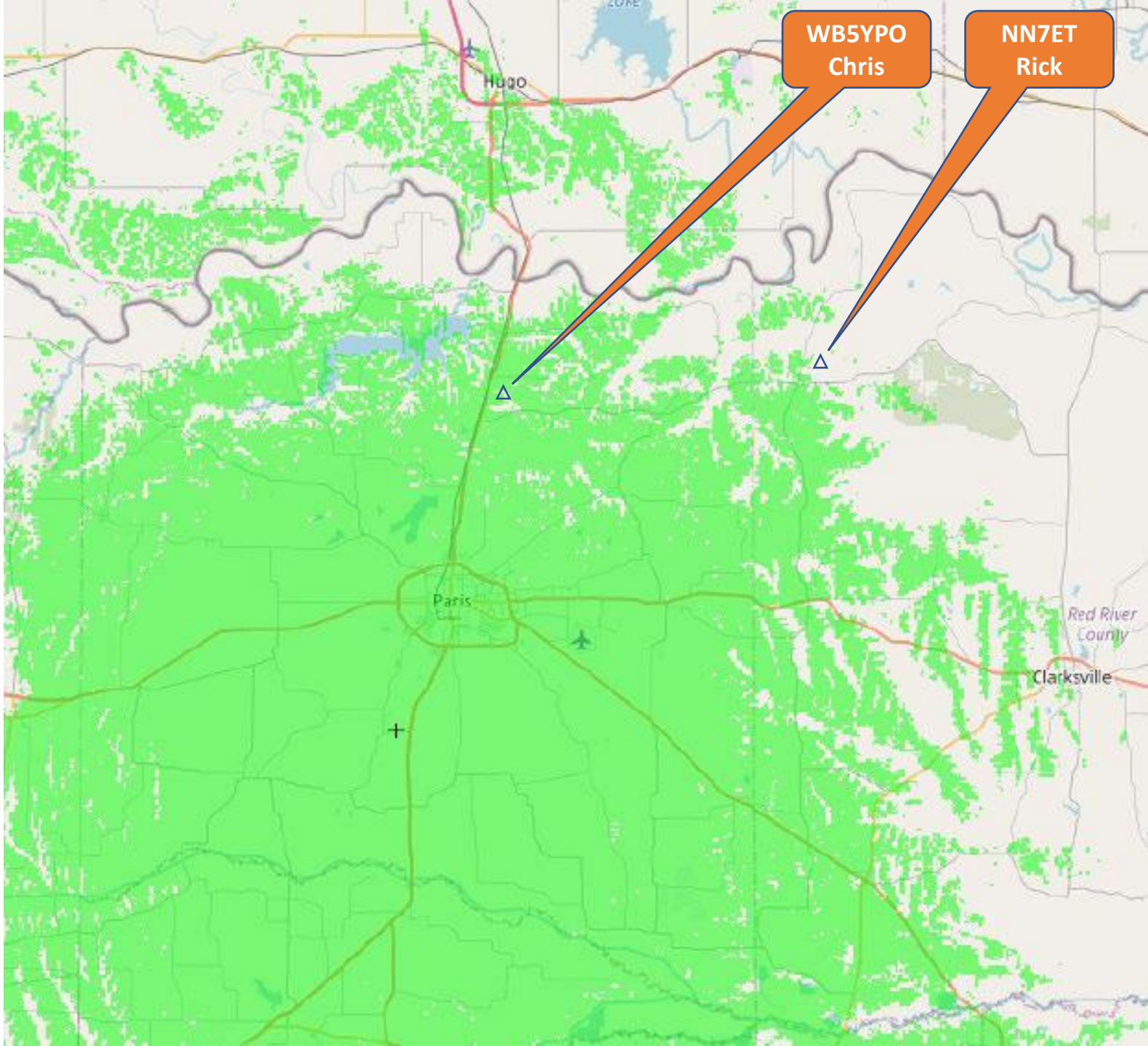
RRVARC Repeater Coverage Improvements to the North of the Area

Current Atlas Repeater Site
Predicted Mobile Coverage

230’: Current Antenna Centerline
784’: AMSL
Guyed Tower
Site Owner: Lamar County Electric Co-Op
Shelter: Yes, indoor with HVAC
Status: On-Air



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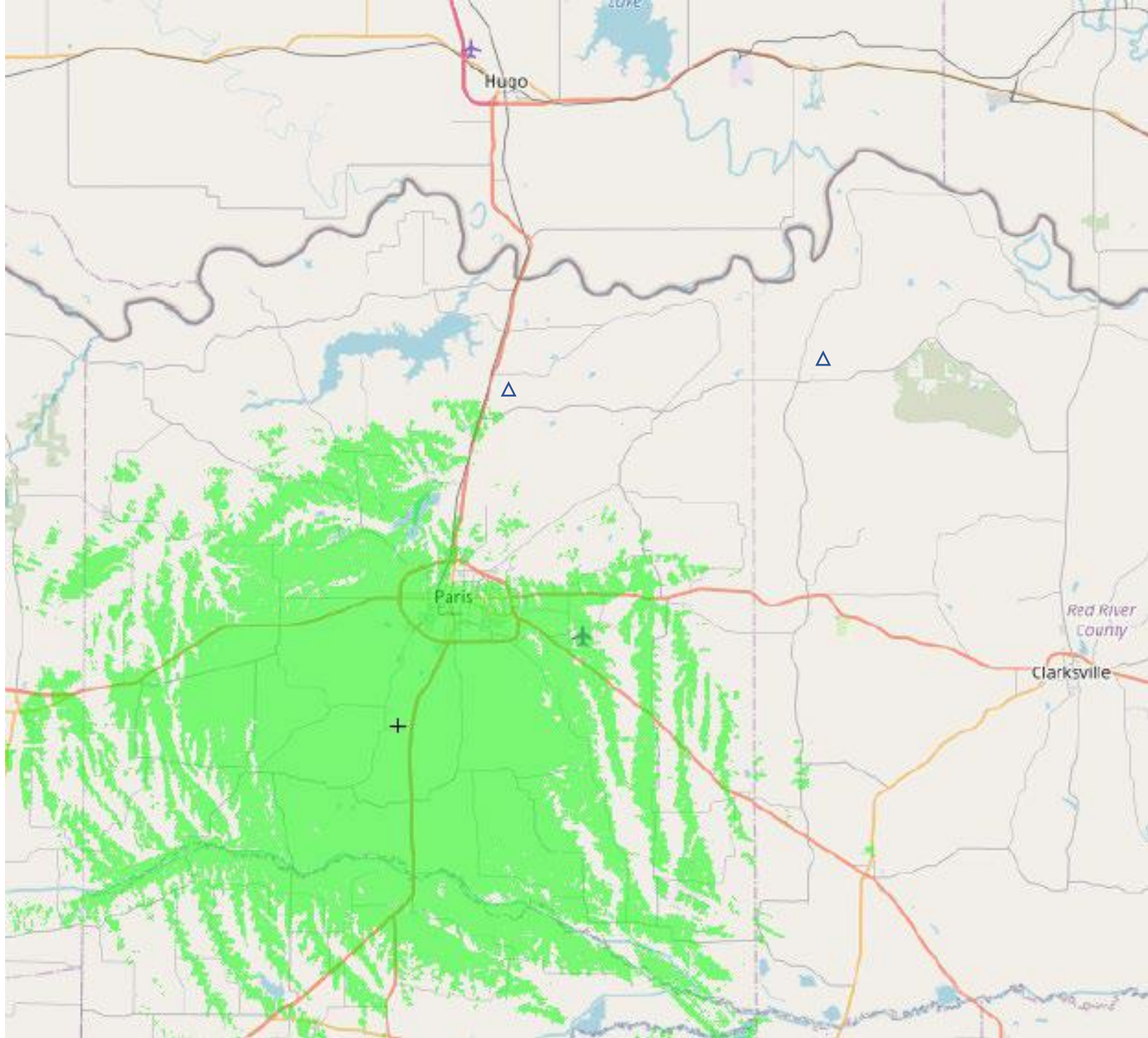
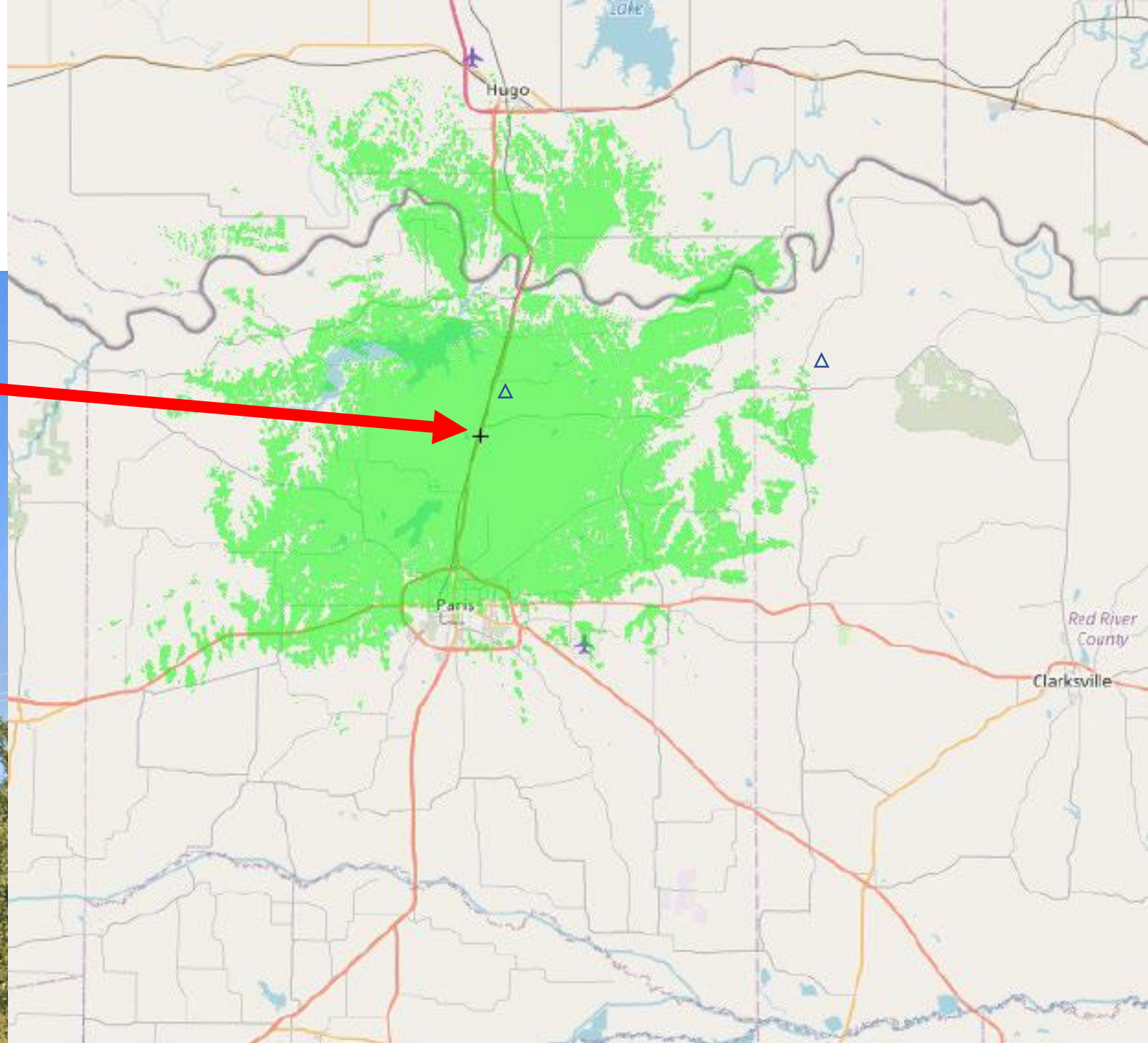


Powderly LCSWD Water Tower Possible Site
Predicted Portable Coverage

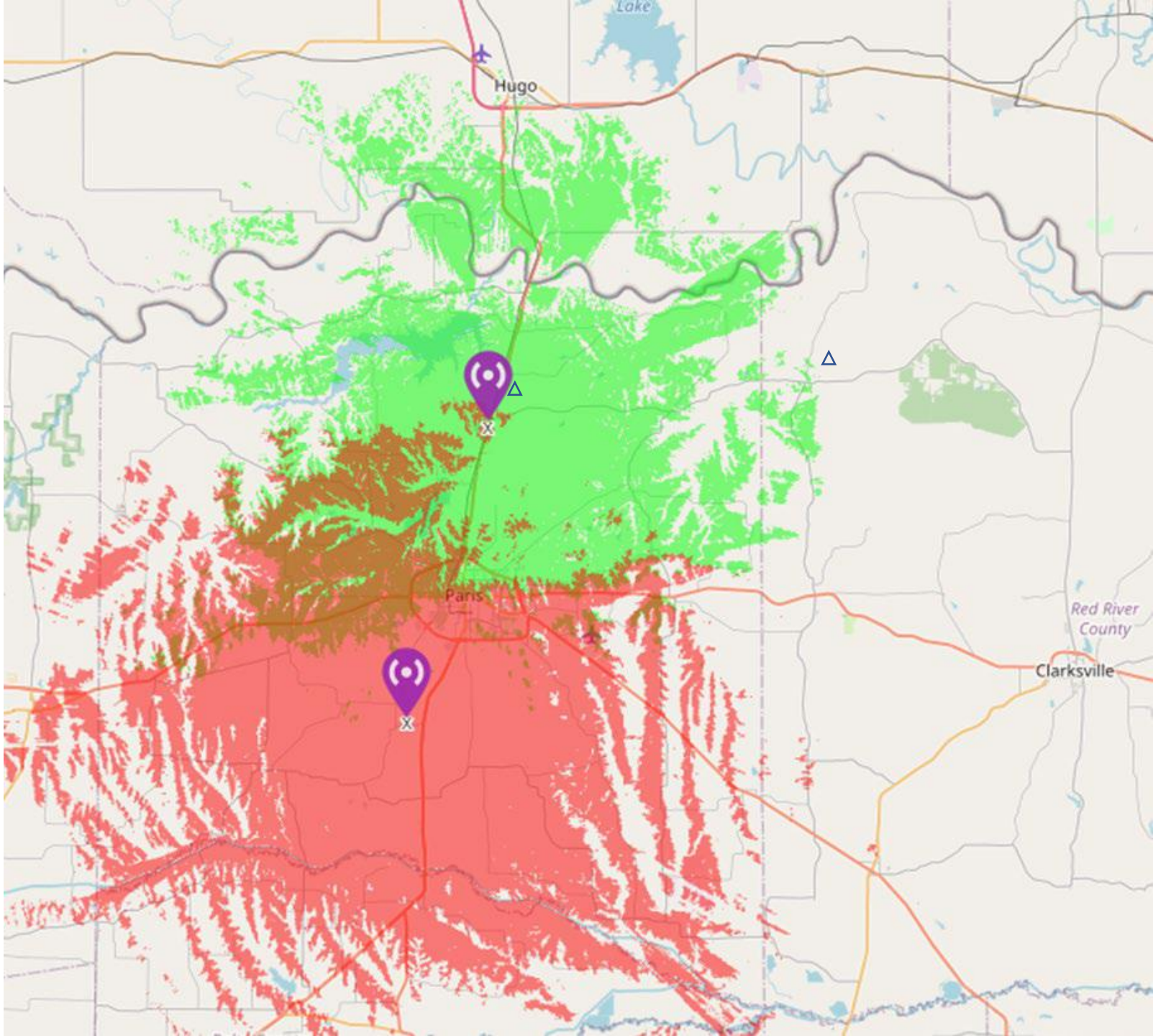
~150’: Top of Water Tower
Site Owner: LCWSD Water
Shelter: No
Notes: Not many antennas now, has had Ham repeater on it in the past.



Atlas & LCWSD Water Tower Combined Predicted Portable Coverage

Both Sites Combined Coverage

We will need more equipment and coordinated frequencies to add another repeater.



This is a current list of Lamar County repeaters.

Are there any coordinated repeater pairs we could use?

Output	City	County	Callsign	Notes
146.7	BROOKSTON	LAMAR	KD5HIS	114.8
146.76	PARIS	LAMAR	WB5RDD	203.5erWX
147.04	PARIS	LAMAR	KC5OOS	100
147.34	PARIS	LAMAR	KA5RLK	110.9
444.475	PARIS	LAMAR	KI5DX	
444.5	PARIS	LAMAR	WB5RDD	C

Texas VHF-FM Society

Radioreference.com

Frequency	Input	License	Type	Tone	Tone In	Alpha Tag	Description	Mode	Tag
145.13	144.53	KI5DX	RM	100.0 PL	100.0 PL	KI5DX	Paris (EchoLink)	FM	Ham
145.39	144.79	N5JEP	RM	114.8 PL	114.8 PL	N5JEP	Paris (Wires-X)	FM	Ham
146.7	146.1	KD5HIS	RM	CSQ	114.8 PL	KD5HIS	Brookston	FM	Ham
146.76	146.16	WB5RDD	RM	203.5 PL	203.5 PL	WB5RDD	Paris Red River Valley ARC (Wires-X)	FM	Ham
147.04	147.64	KC5OOS	RM	CSQ	100.0 PL	KC5OOS	Paris (EchoLink)	FM	Ham
147.06		WN5ROC	RM			WN5ROC	Paris	D-STAR	Ham
147.34	147.94	KA5RLK	RM	CSQ	110.9 PL	KA5RLK	Paris	FM	Ham
442.125	447.125	K5PTR	RM			K5PTR 442.125	Paris	D-STAR	Ham
444.125	449.125	K5PTR	RM			K5PTR 444.125	Paris	D-STAR	Ham
444.275		WN5ROC	RM			WN5ROC	Paris	D-STAR	Ham
444.475	449.475	KI5DX	RM	CSQ	100.0 PL	KI5DX	Paris (EchoLink 339756)	FM	Ham
444.5	449.5	WB5RDD	RM	114.8 PL	114.8 PL	WB5RDD	Red River Valley ARC (Wires-X)	FM	Ham

Discussion

Was this an ARES net?

Was this a RACES net?

Is RACES Texas state membership required to participate?

Winlink?