

Aquifer Storage & Recovery (ASR) and Aquifer Recharge (AR)

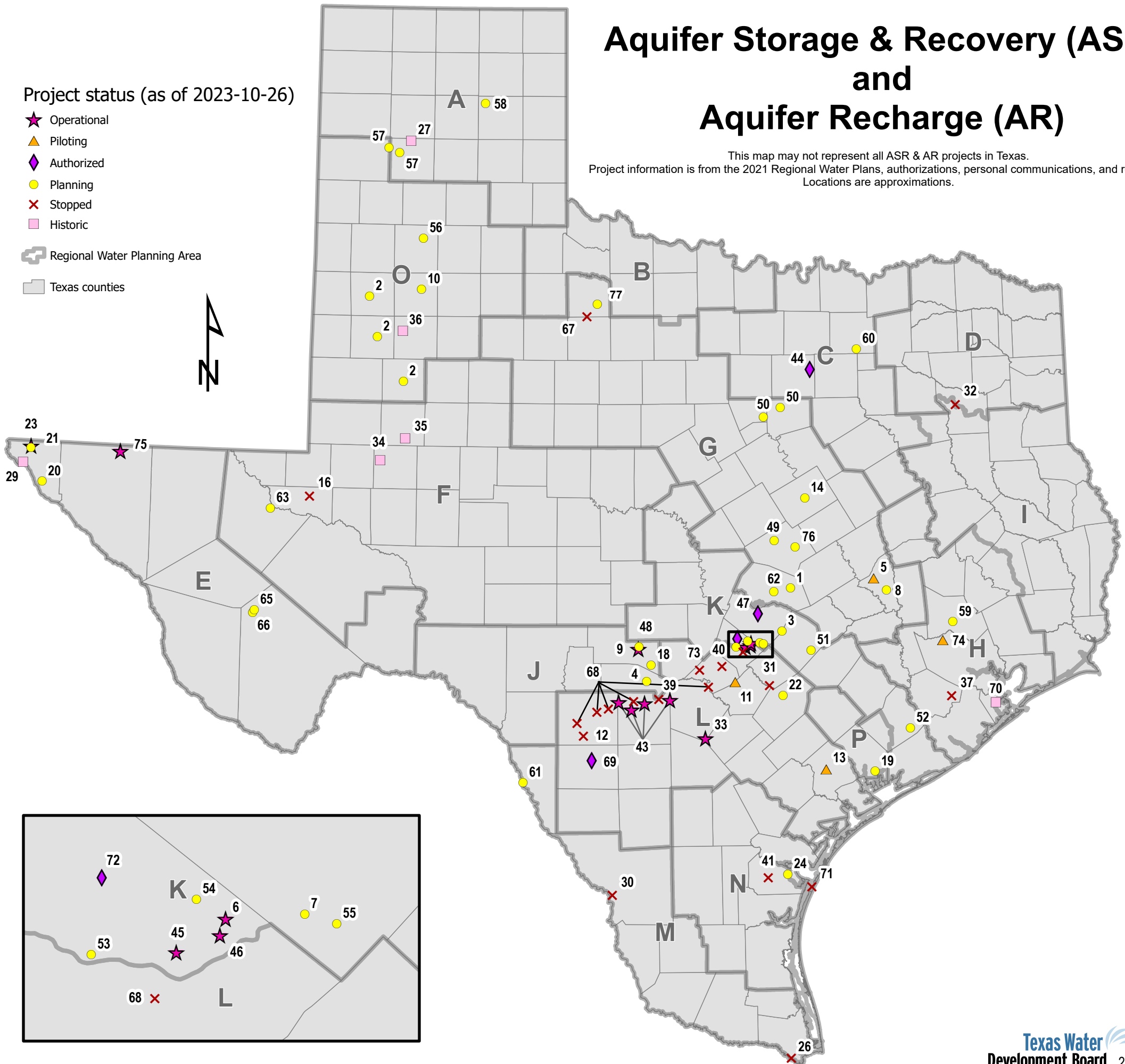
This map may not represent all ASR & AR projects in Texas. Project information is from the 2021 Regional Water Plans, authorizations, personal communications, and research. Locations are approximations.

Project status (as of 2023-10-26)

- ★ Operational
- ▲ Piloting
- ◆ Authorized
- Planning
- ✗ Stopped
- ◻ Historic

Regional Water Planning Area

Texas counties



Map ID	ASR or AR	Source type	Status	Project description label
1	ASR	SW	Planning	Brazos River Authority - Lake Granger
2	ASR	Mix	Planning	Canadian River Municipal Authority, southern cities
3	ASR	SW	Planning	City of Austin
4	ASR	SW	Planning	City of Bandera
5	ASR	GW	Piloting	City of Bryan
6	ASR	GW	Operational	City of Buda
7	ASR	GW	Planning	Saline Edwards Aquifer
8	ASR	R	Planning	City of College Station
9	ASR	SW	Planning	City of Kerrville, expansion
10	ASR	Mix	Planning	City of Lubbock
11	ASR	Mix	Piloting	City of New Braunfels
12	ASR	GW	Stopped	City of Uvalde
13	ASR	SW	Piloting	City of Victoria
14	ASR	SW	Planning	McLennan County (City of Waco)
16	ASR	SW	Stopped	Colorado River Municipal Water District
18	ASR	SW	Planning	Eastern Kerr County Regional Water Supply Project
19	ASR	SW	Planning	Lavaca Navidad River Authority (alternative)
20	ASR	Mix	Planning	Lower Valley Water District
21	AR	SW	Planning	El Paso Water Utilities, Rio Grande recharge
22	ASR	SW	Planning	Guadalupe-Blanco River Authority (Mid-basin)
23	AR	R	Operational	El Paso Water Utilities, reuse recharge
24	ASR	R	Planning	City of Corpus Christi
26	ASR	SW	Stopped	Brownsville Public Utilities Board
27	ASR	GW	Historic	City of Amarillo, 1954 to 1955 test
29	ASR	SW	Historic	City of El Paso, 1940-1950s test
30	ASR	SW	Stopped	City of Laredo
31	ASR	SW	Stopped	Luling Water Treatment Plant (alternative)
32	ASR	SW	Stopped	Sabine River Authority
33	ASR	GW	Operational	San Antonio Water System
34	ASR	GW	Historic	City of Midland, 1970s
35	ASR	SW	Historic	Colorado River Municipal Water District, 1963 to 1970
36	ASR	SW	Historic	High Plains, 1970s to 1980s
37	ASR	SW	Stopped	Missouri City
39	ASR	SW	Stopped	Medina Lake Firm Up
40	ASR	SW	Stopped	Canyon Reservoir, upstream
41	ASR	SW	Stopped	Robstown-Driscoll Regional Facility
43	AR	SW	Operational	EAA recharge enhancement dams
44	ASR	SW	Authorized	Tarrant Regional Water District
45	ASR	GW	Operational	Ruby Ranch Water Supply Corporation
46	AR	SW	Operational	Onion Creek recharge structures
47	AR	R/S	Authorized	Residential rainwater harvesting

Map ID	ASR or AR	Source type	Status	Project description label
48	ASR	SW	Operational	City of Kerrville
49	ASR	SW	Planning	Fort Cavazos
50	ASR	SW	Planning	Johnson County SUD and Acton MUD (alternative)
51	ASR	SW	Planning	LCRA ASR Carrizo-Wilcox
52	AR	SW	Planning	LCRA Enhanced Recharge
53	ASR	GW	Planning	BS/EACD, Hays County Other
54	ASR	GW	Planning	BS/EACD, Hays
55	ASR	GW	Planning	BS/EACD, Creedmoor-Maha WSC
56	ASR	Mix	Planning	City of Plainview
57	ASR	Mix	Planning	City of Amarillo
58	ASR	Mix	Planning	City of Pampa
59	ASR	SW	Planning	San Jacinto River Authority
60	ASR	Mix	Planning	North Texas Municipal Water District (alternative)
61	ASR	SW	Planning	City of Eagle Pass (alternative)
62	ASR	SW	Planning	Brazos River Authority - Lake Georgetown
63	ASR	R	Planning	City of Pecos (alternative)
65	ASR	R	Planning	City of Alpine, wastewater treatment facility
66	AR	R/S	Planning	City of Alpine, rainwater harvesting
67	AR	SW	Stopped	Seymour Aquifer, Haskell and Knox counties
68	AR	SW	Stopped	Edwards Aquifer, proposed recharge dams
69	AR	SW	Authorized	Wintergarden Groundwater Conservation District
70	ASR	SW	Historic	Texas City, 2005 to 2016
71	ASR	SW	Stopped	Padre Island pump station
72	AR	R/S	Authorized	Driftwood Conservation District
73	AR	GW	Stopped	Canyon Lake Water Supply Corporation
74	AR	R/S	Piloting	Harris County infiltration basin
75	AR	R/S	Operational	Dell City flood dams
76	ASR	SW	Planning	City of Temple
77	AR	R/S	Planning	Rolling Plains Groundwater Conservation District

Source water types:

GW - groundwater
 Mix - a mix of sources
 R - reclaimed water
 R/S - rain or storm water
 SW - surface water

Entity abbreviations:

BS/EACD - Barton Springs Edwards Aquifer Conservation District
 EAA - Edwards Aquifer Authority
 LCRA - Lower Colorado River Authority
 MUD - Municipal Water District
 SUD - Special Utility District
 WSC - Water Supply Corporation