

Groundwater Monitoring



Description

The MNDNR and the Anoka Conservation District are interested in understanding Minnesota's groundwater quantity and flow. These deep groundwater wells are not as sensitive to precipitation as other hydrologic systems such as wetland and streams, but rather respond to longer term trends. The MNDNR maintains a network of groundwater observation wells across the state.

ACD is contracted to take water level readings at 24 wells in Anoka County and to download continuous data-loggers quarterly, submitting the findings to the MNDNR. At most sites, the MNDNR has automated devices taking continuous water level readings. ACD still hand measures wells with data loggers to ensure accuracy. The MNDNR incorporates this data into statewide and national databases that aid in groundwater mapping. Raw data as well as continuous data from wells with data loggers installed are available for [download on their website](#).

Locations

- See next page

Monitoring Schedule

Once per quarter

Parameters

- Continuous ground-water levels
- Field measurements



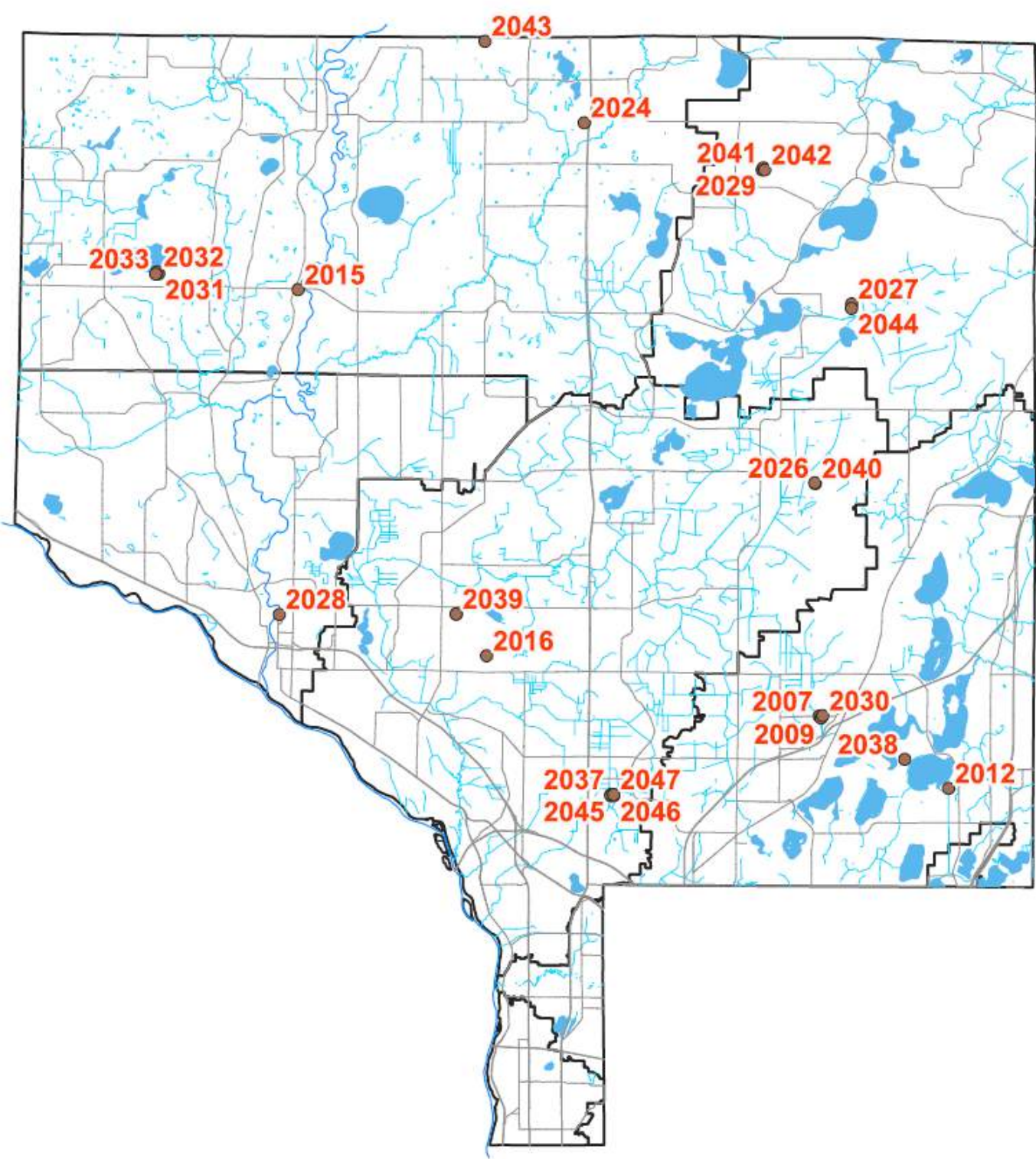
Groundwater Monitoring

2025 DNR Observation Well Summary

Below is the list MNDNR groundwater observation wells in Anoka County that were monitored in 2025. The links to the MNDNR Cooperative Groundwater Monitoring program will provide additional details of that particular observation well.

MDH Unique #	Obwell ID #	Name	Well Depth	Aquifer Type
208137	2007	QBAA at Lino Lakes, USGS Lino Lakes #1	270	Buried Artesian
208135	2009	QBAA at Lino Lakes, USGS Lino Lakes #3	125	Buried Artesian
208573	2012	CJDN at Centerville, USGS Centerville #2	268	Bedrock
243178	2026	QBAA at Columbus, Carlos Avery #4	150	Buried Artesian
243000	2027	CTCG at Columbus, Carlos Avery Old Shop Well	333	Bedrock
209297	2028	CMTS at Anoka, Anoka Regional Treatment Center #4	510	Bedrock
114319	2029	CTCG at East Bethel, Gordie Mikkelson WMA	221	Bedrock
272110	2030	QWTA at Lino Lakes, Lino Lakes #5	15	Water Table
779942	2031	CMTS at Nowthen, Pickerel Lake Deep	410	Bedrock
779941	2032	CWOC at Nowthen, Pickerel Lake Shallow	195	Bedrock
708371	2033	QWTA at Nowthen, Pickerel Lake WT	20.8	Water Table
785556	2036	CMTS at Andover, Bunker Hills Park CMTS	494	Bedrock
689997	2037	QWTA at Blaine, Blaine Public Works WT	17.7	Water Table
785579	2038	CMTS at Lino Lakes, Rice Creek Park CMTS	810	Bedrock
783242	2039	QWTA at Andover, Bunker Hills Park QWTA	27.5	Water Table
789993	2040	QWTA at Columbus, MPCA AGW-150	13	Water Table
817621	2041	CWOC at East Bethel, Gordie Mikkelson WMA	340	Bedrock
816912	2042	QWTA at East Bethel Gordie Mikkelson WMA	33.1	Water Table
786974	2043	QWTA at Bethel, Bethel WMA Well	14.5	Water Table
786975	2044	QWTA at Columbus, MPCA Carlos Avery Old Shop	18	Water Table
854568	2045	CWOC at Blaine, Blaine Public Works	430	Bedrock
854569	2046	CTCG at Blaine, Blaine Public Works	290	Bedrock
870217	2047	QBAA at Blaine, Blaine Public Works QBAA Replacement	223	Buried Artesian
867069	2048	QBAA at Andover, Bunker Hills Park QBAA	143	Buried Artesian


2025 DNR Groundwater Observation Wells Map



Cooperative Groundwater Monitoring - How To View Data


MN DNR's [Cooperative Groundwater Monitoring](#) (CGM) program collects static groundwater-level data to assess groundwater resources, determine long term trends, interpret impacts of pumping and climate, plan for water conservation, and evaluate water conflicts.

Information for a site specific groundwater observation well can be found using the [CGM Application](#). Switch between “Map View” or “List View” to select the Obwell, or filter using the Site Search function. Use the Action items to view site details, view location on map, or download site data.



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Cooperative Groundwater Monitoring (CGM)

Map View

Table View

Feedback

Filters































Reset

Show

10

entries

Site Search

MDH Unique #	DNR Obwell #	Read Status	Name	Action
101041	66015	actively read	CJDN at Faribault, ST. LAWRENCE CEMETERY	  
101062	19046	not actively read	OPCJ nr Hampton, EUGENE DOHMEN	  
102009		actively read	QWTA at Luverne, W20A 1964-0642	  
103452	24003	sealed	DCVA at Albert Lea, FREEBORN COURTHOUSE	  
103938	56040	not actively read	QBAA nr Ottertail, DELMER NAMES	  
104319	19018	not actively read	QBAA nr Hastings, JIM HUNEKE	  
105381	27042	not actively read	CJDN at Maple Grove, LAKE, CLIFF	  
105565	47003	actively read	QBAA nr Litchfield, GARY&CARMEN FLOWERS	  
105585	83010	not actively read	KRET nr La Salle, AL GUYER	  
105666		actively read	QBAA nr Red Lake Falls, 1977-1760 Crookston W Ob Well	  

Showing 1 to 10 of 3,085 entries

Previous

1

2

3

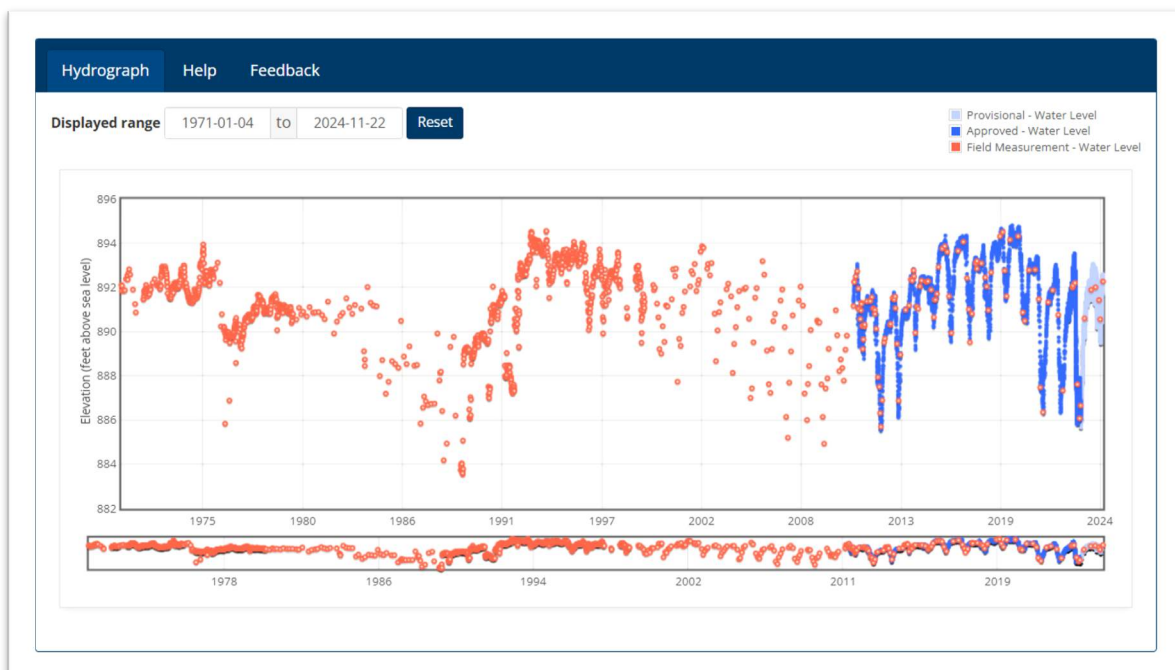
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Next



Discussion

In 2025 parts of Anoka County experienced drought conditions. These drought conditions have an affect on the groundwater level, as illustrated in the majority of the MN DNR's groundwater hydrographs in Anoka County. Groundwater is arguably the most critical natural resource in Anoka County — 94% of Anoka County residents drink groundwater, either from private wells or municipal water supplies drawn from groundwater. Droughts that led to record low water levels in Anoka County compromise water supply, recreation, and habitat. It is important to remember that although groundwater is out of sight, it should not be out mind.



Additional water quality monitoring information can be found on ACD's Online Database:

<https://public.tableau.com/app/profile/anokaswcd/vizzes>

