

920362

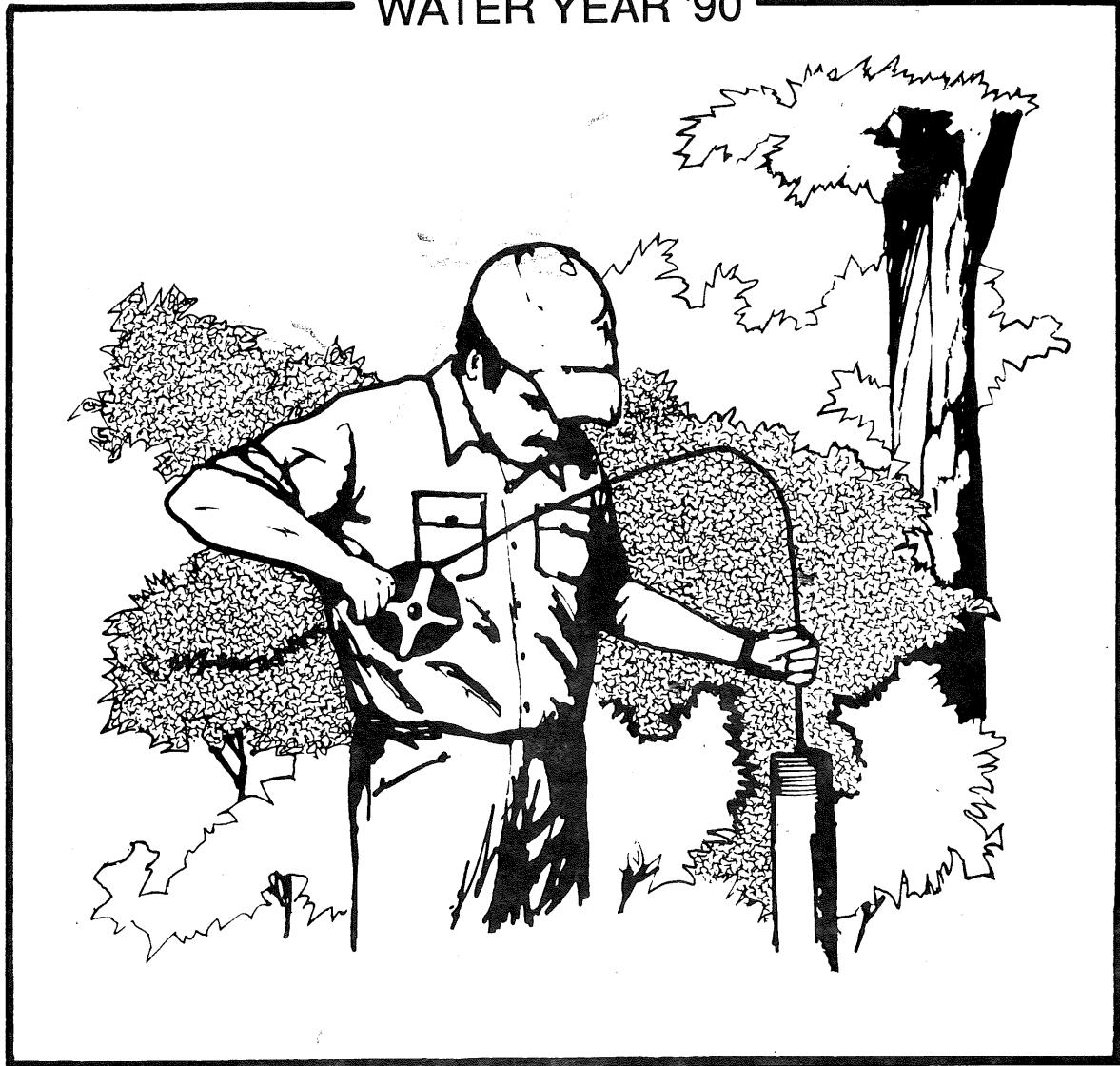


3 0307 00007 4347

## OBSERVATION WELL DATA

# S·U·M·M·A·R·Y

WATER YEAR '90



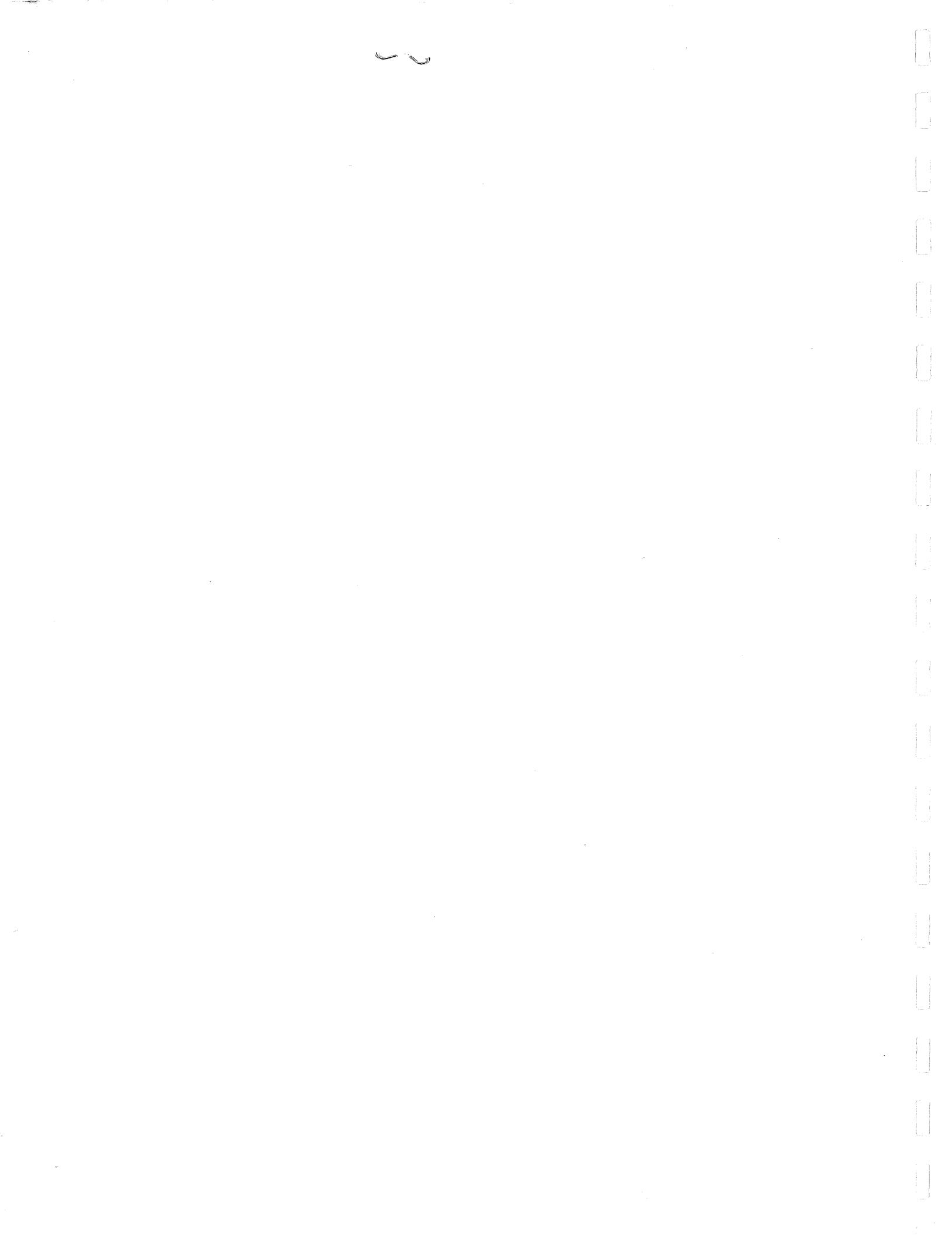
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MINNESOTA

DEPARTMENT OF NATURAL RESOURCES  
Division of Waters

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1990



# **OBSERVATION WELL DATA S·U·M·M·A·R·Y WATER YEAR '90**

by

**Minnesota Department of Natural Resources  
Division of Waters  
GROUND WATER UNIT**

**1992**

**St. Paul, Mn.**





# Ground Water Observation Well Network Annual Report, Water Year 1990

## Introduction

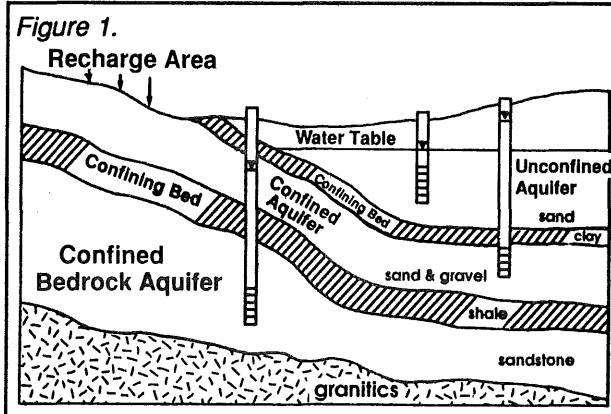
Monitoring of ground water levels has been a cooperative effort of the U.S. Geological Survey (USGS) and the Department of Natural Resources (DNR) since 1947. The DNR Division of Waters maintains the present observation well (obwell) network of 633 wells. In the 1990 water year (WY90), which began October 1989 and ended September 1990, 494 obwells were measured by Soil and Water Conservation Districts (SWCD's) and 139 obwells were measured by the USGS.

The DNR obwell network was developed to record background water levels in areas of present or expected ground water use. This data is used to assess ground water resources, interpret impacts of pumping and climate, plan for water conservation, evaluate local water complaints and otherwise provide for management of the resource.

## Aquifers

An aquifer is a geologic formation which is saturated and sufficiently permeable to transmit economic quantities of water to wells and springs. Aquifers may exist under either unconfined or confined conditions (figure 1).

**Unconfined Aquifers** - In an unconfined aquifer the ground water surface that separates the unsaturated and saturated zones is called the water table. The water table is exposed to the atmosphere through openings in the unsaturated geologic materials. Unconfined aquifers may also be called water table aquifers.



**Confined Aquifers** - When the aquifer is separated from the ground surface and atmosphere by an impermeable material, the aquifer is confined. The water in a confined aquifer is under pressure. When a well is installed into a confined aquifer, the water level in the well casing rises above the top of the aquifer.

An unconfined aquifer generally responds more quickly to seasonal climatic changes than a confined aquifer since the water table is in more direct contact with the surface. However, the magnitude of change in water levels will usually be more pronounced in a confined aquifer.

## Statewide Summary

This section discusses the ground water levels in unconfined aquifers and confined (both buried drift

and bedrock) aquifers during WY90 and compares them with levels at the end of WY89. Figure 2 illustrates the total number of obwells statewide and the location of the obwells in each of the three groups (Figures 3, 4, and 5) that are discussed in this section. No analysis has been done on the possible effects on obwells from nearby pumping wells. Average water levels were obtained by averaging all water levels for wells in that DNR region for the period of record. This gives an estimate of how the water levels vary in that particular region.

Figure 2. Number of Active Obwells In Water Year 1990

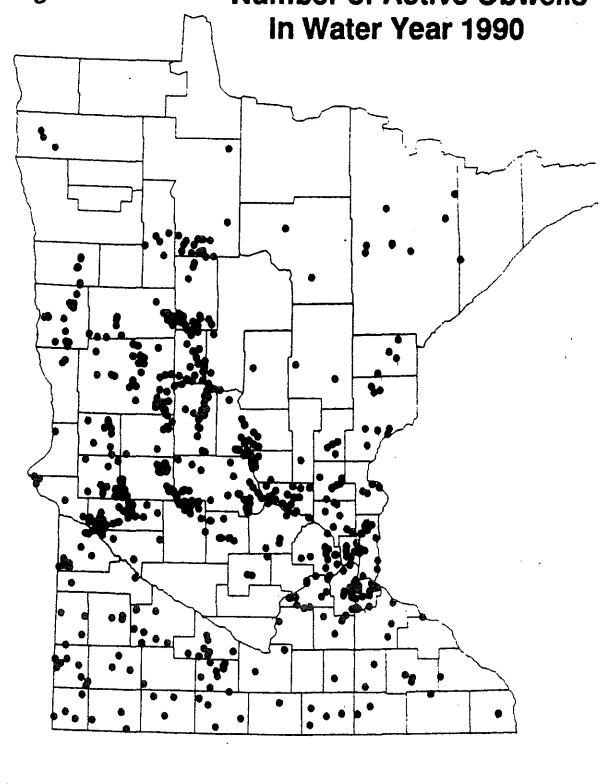
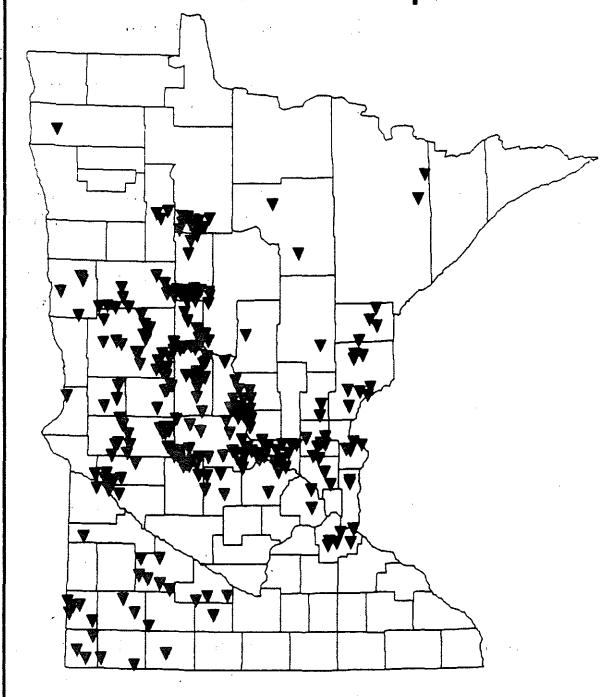


Figure 3.

### Water Table Aquifer Obwells

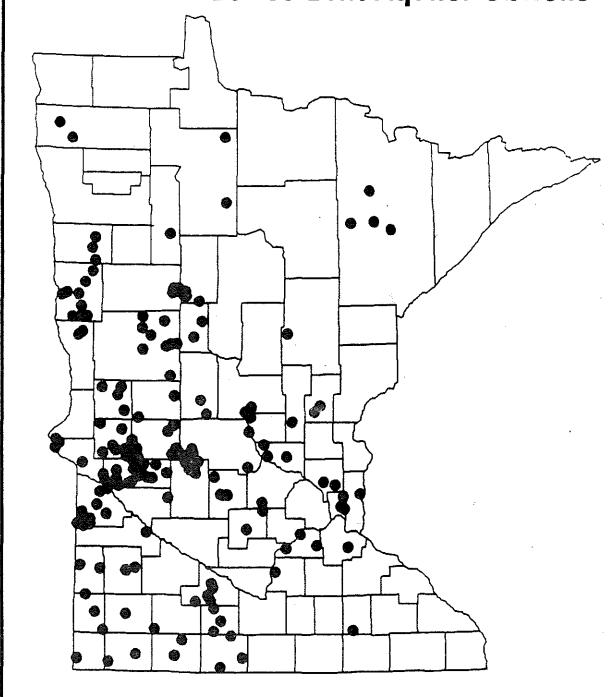


#### Unconfined Aquifers

Water table aquifers are monitored throughout the state (Figure 3). Water table aquifers in the Northeast were up 1.49 feet on average from last year. In Central Minnesota, the Southwest, and the Metro area, water tables dropped 0.7, 1.0, and 1.9 feet on average, respectively. In the Northwest, water tables rose 1.67 feet from last year.

Figure 4.

### Buried Drift Aquifer Obwells



Overall, water tables were generally up from average statewide\*. Water tables were generally between 0.64 and 3.33 feet above average; However, in the Northeast, water table wells were still below average, as much as 5.48 feet. One well in Clay County (Well #14001), which has been read for 44 years, was 6.64 feet below its average water level in September.

Wells in some unconfined aquifers may have experienced problems since 1987. In most cases an adequate water supply is available if wells are deepened or the pump intakes are lowered. Hydrographs for selected unconfined aquifers are shown in Figure 6.

#### Confined Aquifers - Buried Drift

Confined aquifers, whether buried drift or bedrock, are usually slower to show the effects of climatic changes than unconfined aquifers. In addition, the effects are often more pronounced in the confined aquifer and recovery is often slower. Figure 4 shows the distribution of buried drift aquifers in the state. When compared to WY89, WY90 water levels in buried drift aquifers were up 14.9, and 6.75 feet in the Northeast and Metro areas, respectively.

In the Northwest, Central, and Southwest parts of Minnesota buried drift water levels dropped 1.23, 2.34, and 0.56 feet, respectively. Most of the obwells in the buried drift aquifers lack a sufficient period of record to develop a reliable average level. However, the average water level from the period of record indicates that buried drift water levels are generally down in the Northwest, Central, and Southwest parts of Minnesota. Obwell #14005, in Clay County, has been read for 44 years and is 6.28 feet below its' August average.

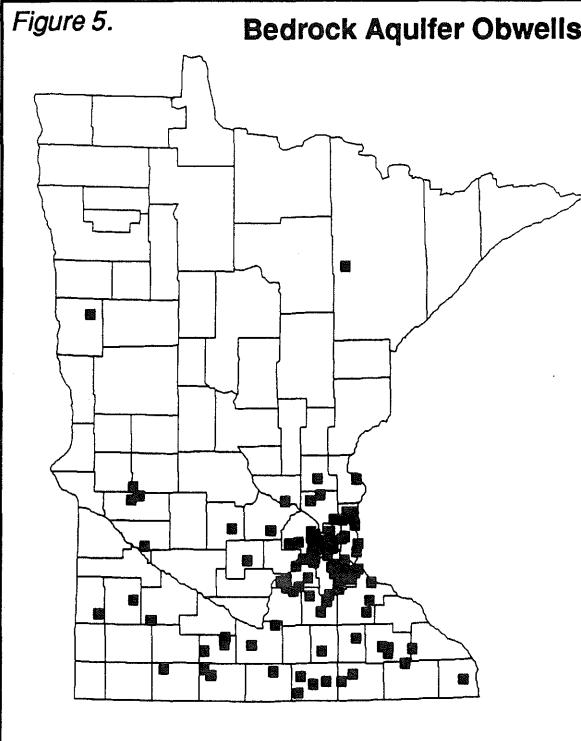
In the Northeast and Metro areas the average water level from the period of record indicates that water levels are generally up. Hydrographs for selected confined aquifers are shown in Figure 7.

#### Confined Aquifers - Bedrock

Bedrock aquifers are monitored only in the central and south-southeast portions of the state where they are the aquifers most often used for water supply (Figure 5). Most of the bedrock aquifers monitored by obwells are confined although bedrock aquifers may be either confined or unconfined. Figure 7 shows hydrographs for bedrock obwells.

\*Approximately half of the referenced wells in unconfined aquifers contained in this report have a total period of record in excess of 20 years. Only a few have records less than three years.

The Mt. Simon aquifer in central Minnesota is monitored by a series of obwells stretching from McLeod to Chisago Counties. These obwells have been monitored for a period of 13 to 23 years. When compared to WY89, the Mt. Simon water levels in the Metro area, Southwest and Southeast Minnesota are down 3.63, 2.48, and 0.67 feet, respectively. In the Central region only a small number of obwells are monitored and no conclusions can be drawn.



The Prairie du Chien/Jordan aquifer is monitored on a limited basis in a few counties southeast of the Twin Cities. In the Southeast, water levels at the end of WY90 dropped an average of 46 feet when compared to WY89. Since there are relatively few wells monitored, care should be taken in using this data.

In the Metro area, when compared to WY89, water levels at the end of WY90 rose an average of 1.01 feet. When compared to the average water level for the period of record, water levels are down almost 20 feet in the Southeast and up 28 feet in the Metro area. Again, since there are relatively few obwells monitored, care should be taken in using this data.

In the Twin Cities Metro area, water levels in bedrock aquifers are strongly influenced by seasonal pumping for air conditioning and irrigation. Levels in

obwells decline sharply at the start of the pumping season (May), continue to decline until the end of the pumping season (late August) and then generally recover to pre-pumping levels by mid-autumn. Short-term fluctuations in climate are usually not evident in the water levels of these obwells. The fluctuations are masked by extensive pumping and by the length of time between a change in aquifer recharge and the expression of that change in confined water levels. The lowest levels occur in late summer at the end of the air conditioning season. This is in contrast to unconfined aquifers where drought or precipitation excess can be evident in the same year.

The Sioux Quartzite, the Cedar Valley Limestone, the Galena Formation, the Biwabik Iron Formation and other bedrock aquifers are monitored on a limited basis. The data tables presented in this summary should be consulted for these wells.

### Expansion

The observation well network is expanded, when appropriate, by drilling of new obwells or by acquisition of existing wells. The intent of the program expansion is to place observation wells in areas of present or anticipated high ground water use or where little data exists. New obwells may be drilled into aquifers where suitable existing wells cannot be found. Existing wells can qualify for addition to the network if the following criteria are met:

- \* An observation well must have a geologic record and well construction data which identifies the aquifer monitored.
- \* An observation well must not be a multi-aquifer well.
- \* An observation well is not a pumping well. Where irrigation wells are used, measurements are recorded only in non-pumping months.
- \* An observation well should be less than 25 years old and less than 6" in diameter.
- \* An observation well must pass a slug test to determine whether it is in hydrologic communication with the aquifer.

Four new obwells were drilled during WY90 where water supply problems are occurring or are anticipated. These wells were drilled near Mille Lacs Lake in Aitkin County, near Breckenridge in Wilkin County, near Rice in Benton County and in the Carlos Avery Wildlife Management Area in Anoka County. In addition, 59 wells used for USGS studies were added as were a few other wells at various locations. Even with the addition of these wells the number of observation wells decreased from WY89. Several wells were lost to the network which were destroyed by human activity, were in poor repair, were sealed by their owners or were otherwise rendered unusable. These obwells will be replaced as the opportunities arise.

## **Objectives**

The overall objective of the observation well network is to collect baseline data on ground water level fluctuations and trends. This data is used to assess ground water resources, interpret impacts of pumping and climate, plan for water conservation, evaluate local water complaints and otherwise provide for the management of the resources.

This annual ground water level report is produced by the Division of Waters in the spring of each year. The annual report provides last water year's data. Also available from the Division of Waters is the publication "Understanding Ground Water Level Trends: A Key to Managing Water Use". The purpose of that report is to provide a historical overview of ground water level trends throughout Minnesota. Hydrographs for any obwell(s) can be obtained from the Observation Well Manager (address and telephone number below). Data for observation wells can be supplied on computer disks for use on PC's. These data are in a form which is compatible with almost all spreadsheet and graphing programs. The combination will allow computer users to create and update their own hydrographs for wells of interest.

The USGS has conducted several cooperative regional ground water studies in Minnesota. Half of the money for these studies is typically provided by the federal government through the USGS and the rest is paid by the state or local interests. Wells installed as part of the field data collection effort for these studies are often incorporated into the obwell network once the regional study is finalized. If you have any questions about the ground water observation well network or wish to receive observation well data on computer disk, please call or write: Observation Well Manager Minnesota Department of Natural Resources Division of Waters 500 Lafayette Road St. Paul, MN 55155-4032. Telephone:

## Aquifer Codes for Wells Sampled in WY90

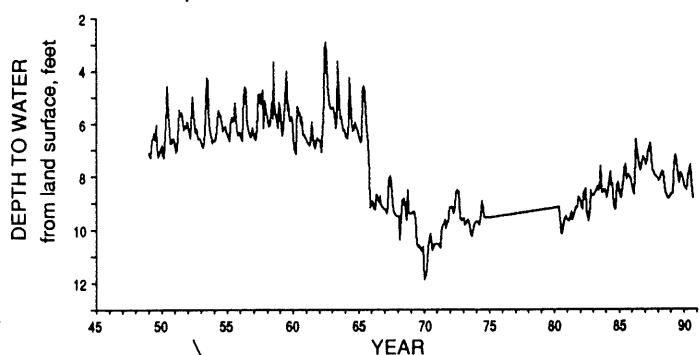
CODE	AQUIFER	PERIOD
CFRN	FRANCONIA	Cambrian
CIGL	IRONTON-GALESVILLE	Cambrian
CJDN	JORDAN	Cambrian
CMSH	MT. SIMON-HINCKLEY	Cambrian
CMTS	MT. SIMON	Cambrian
CSTL	ST. LAWRENCE	Cambrian
DCVA	CEDAR VALLEY	pre-Cretaceous Devonian (SE MN)
KRET	CRETACEOUS	Cretaceous
OGAL	GALENA	pre-Cretaceous Ordovician (SE MN)
OGWD	GLENWOOD	pre-Cretaceous Ordovician (SE MN)
OMQG	MAQUOKETA-GALENA	pre-Cretaceous Ordovician (SE MN)
OPDC	PRAIRIE DU CHIEN	pre-Cretaceous Ordovician (SE MN)
OPVL	PLATTEVILLE	pre-Cretaceous Ordovician (SE MN)
OSTP	ST. PETER	pre-Cretaceous Ordovician (SE MN)
PEAT	PEAT	Recent
PXBI	BIWABIK IRON	Middle Precambrian
PYHF	HINCKLEY-FOND DU LAC	Upper Precambrian
PYSX	SIOUX QUARTZITE	Upper Precambrian
QBAA	QUATERNARY BURIED ARTESIAN	Quaternary
QWTA	QUATERNARY WATER TABLE	Quaternary
TILL	TILL	Quaternary

NOTE: Aquifer codes in this report consist of eight characters; the first four indicate where the top of the well screen is located while the last four locate the bottom of the well screen.

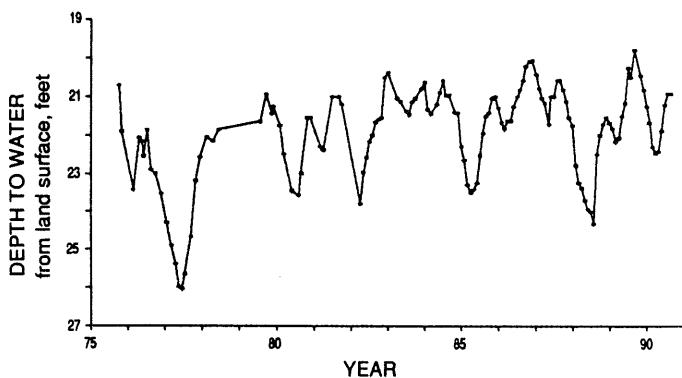
Figure 6.

## Historical Unconfined Aquifer Levels

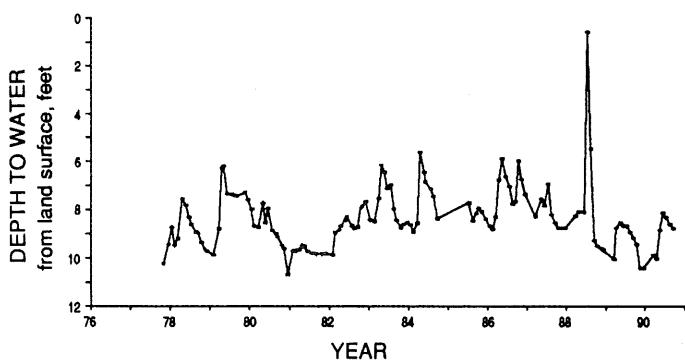
Obwell 14000, Clay County  
T137, R45, S30  
73 ft deep, in water table



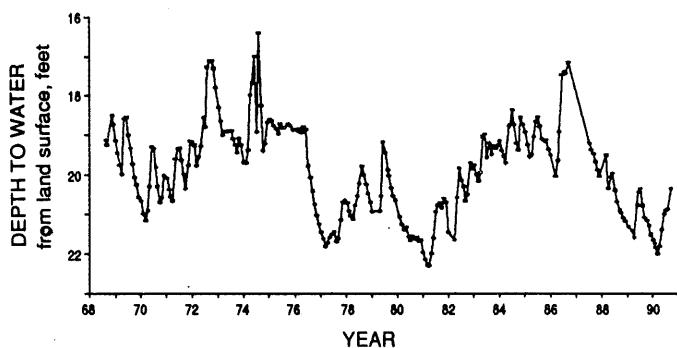
Obwell 69020, St. Louis County  
T60, R13, S01  
30 ft deep, in water table



Obwell 17004, Cottonwood County  
T105, R38, S20  
12 ft deep, in water table



Obwell 58000, Pine County  
T45, R20, S26  
28 ft deep, in water table



Obwell 18000, Crow Wing County  
T135, R28, S16  
18 ft deep, in water table

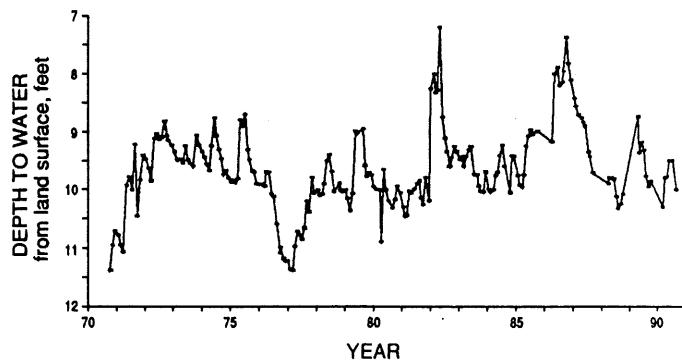
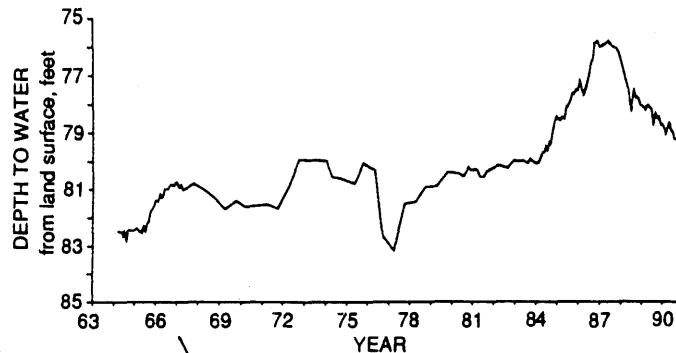


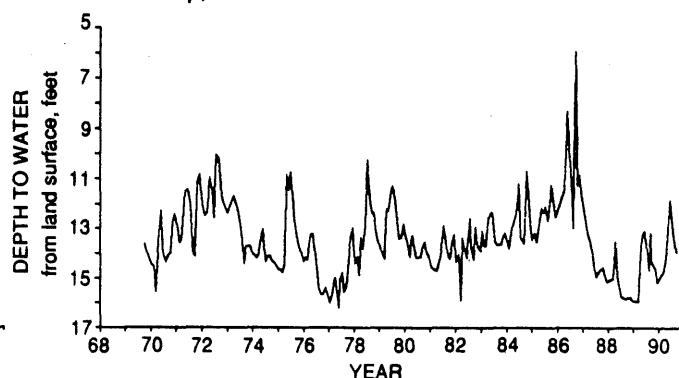
Figure 7.

## Historical Water Levels in Confined Aquifers

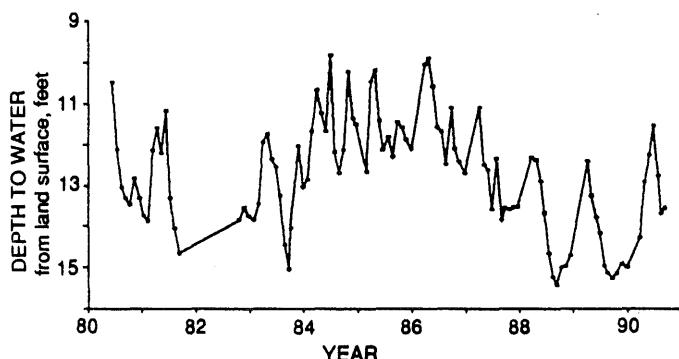
Obwell 21000, Douglas County  
T127, R40, S27  
259 ft deep, in buried drift



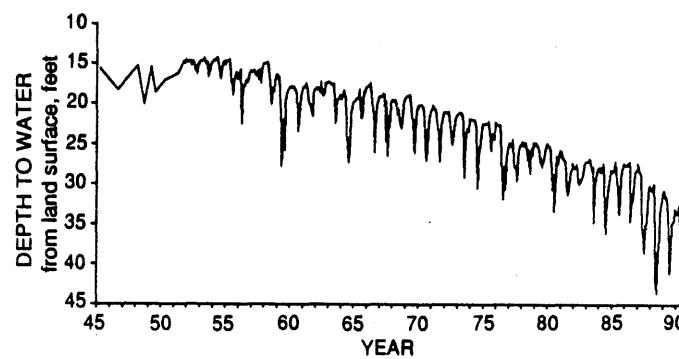
Obwell 49004, Morrison County  
T39, R32, S35  
92 ft deep, in buried drift



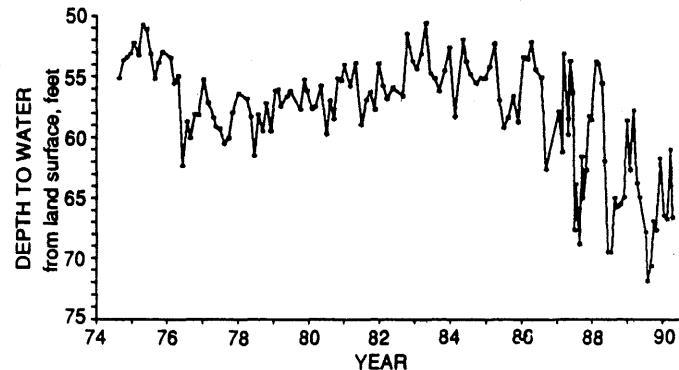
Obwell 37006, Lac Qui Parle County  
T116, R46, S15  
70 ft deep, in buried drift



Obwell 27010, Hennepin County  
T117, R23, S11  
437 ft deep, in Prairie du Chien-Jordan aquifer



Obwell 55000, Olmsted County  
T106, R14, S14  
478 ft deep, in Prairie du Chien-Jordan aquifer



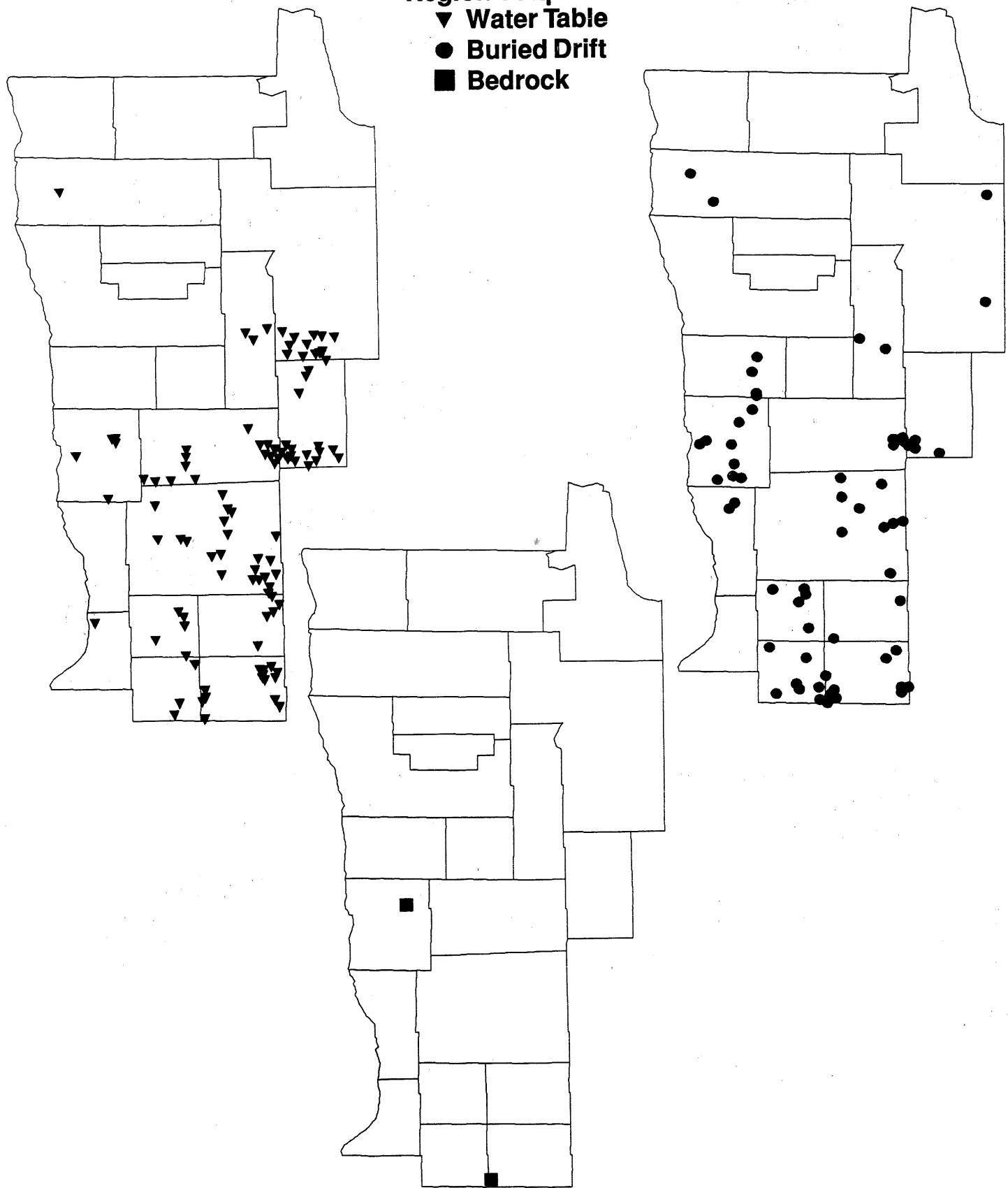
*Figure 8.*

**Region 1 Aquifers**

▼ Water Table

● Buried Drift

■ Bedrock



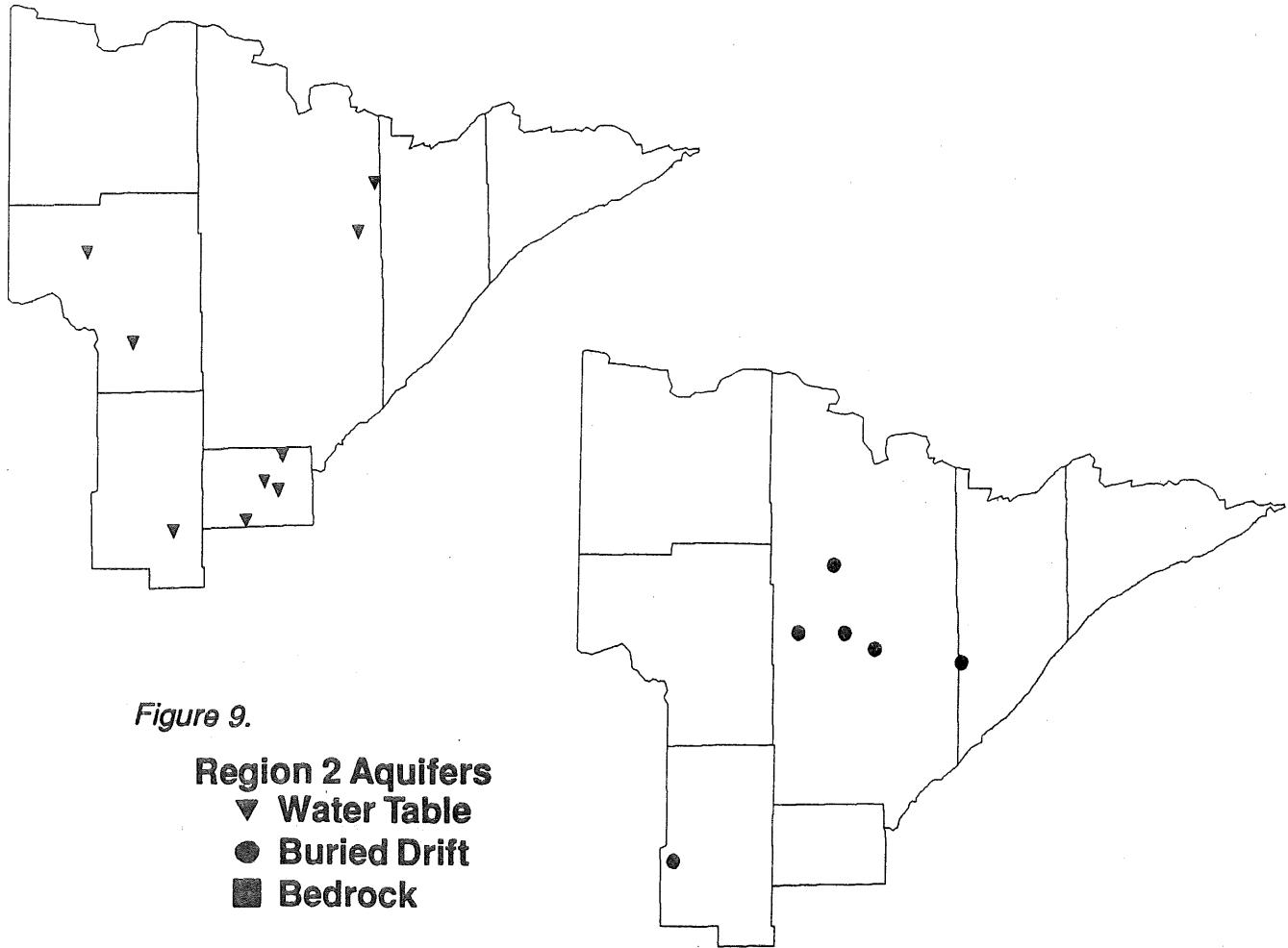
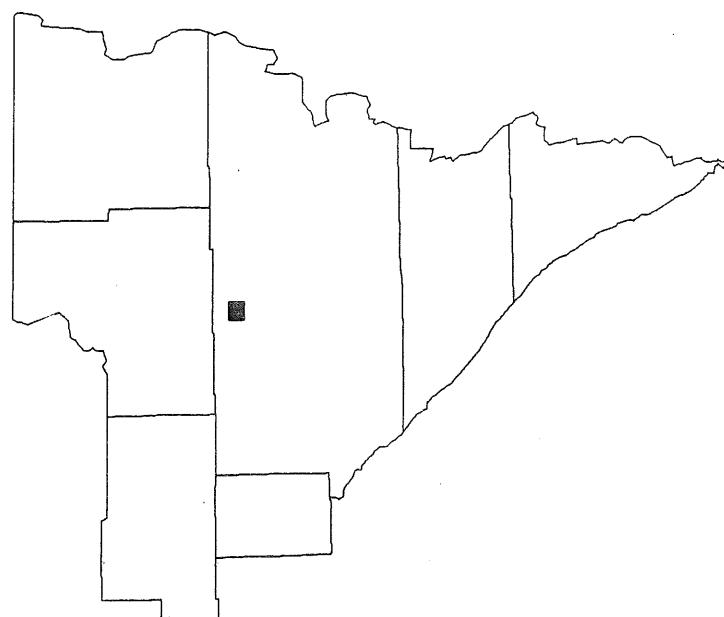


Figure 9.



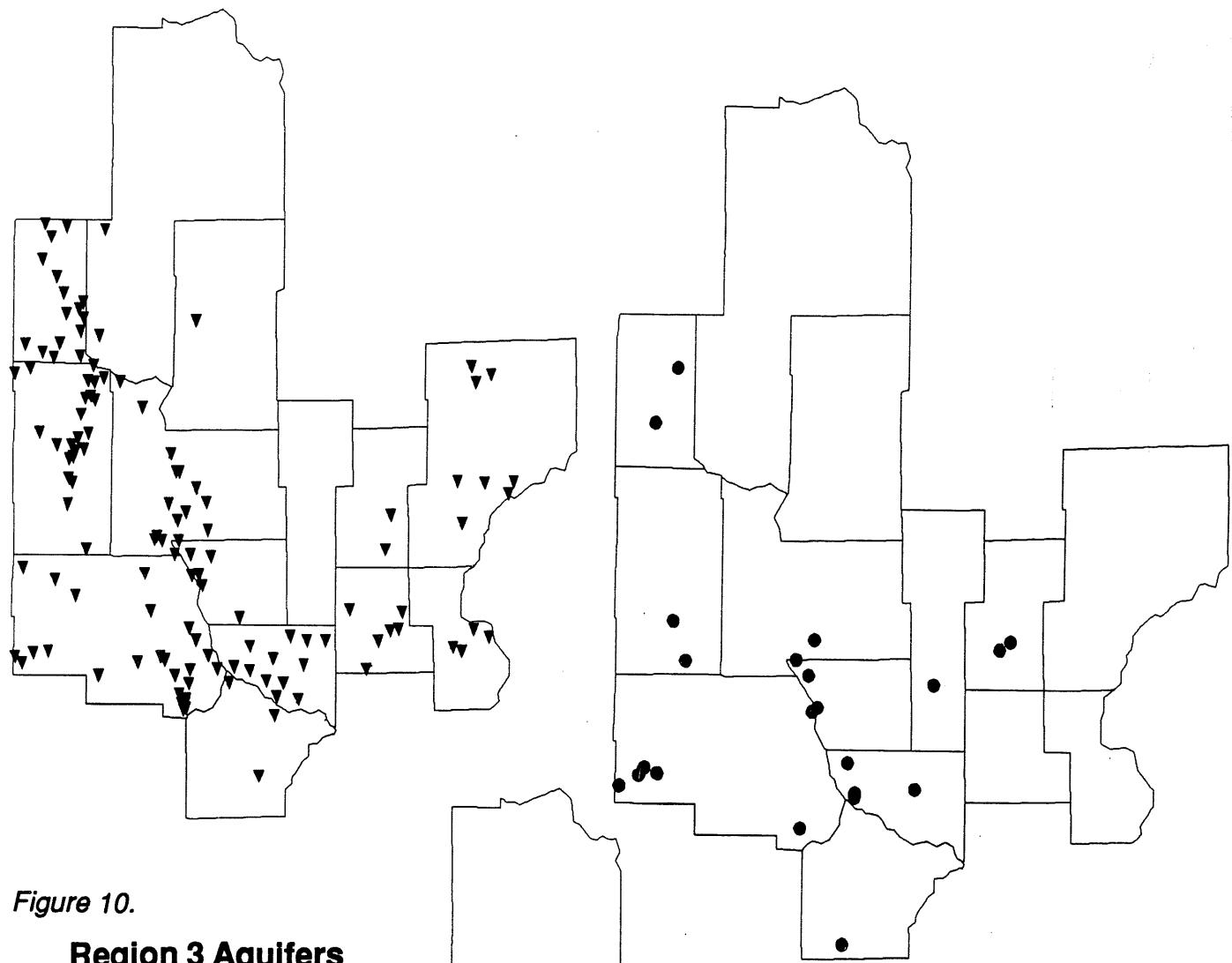


Figure 10.

**Region 3 Aquifers**

▼ Water Table

● Buried Drift

■ Bedrock

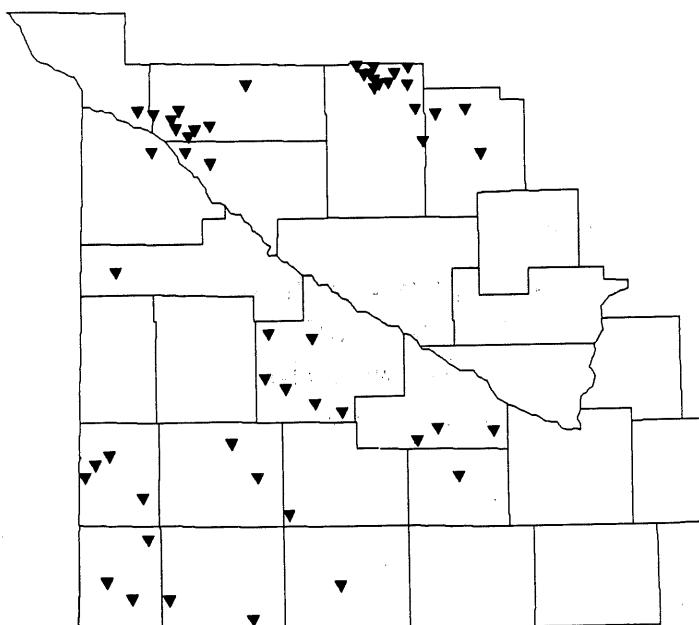
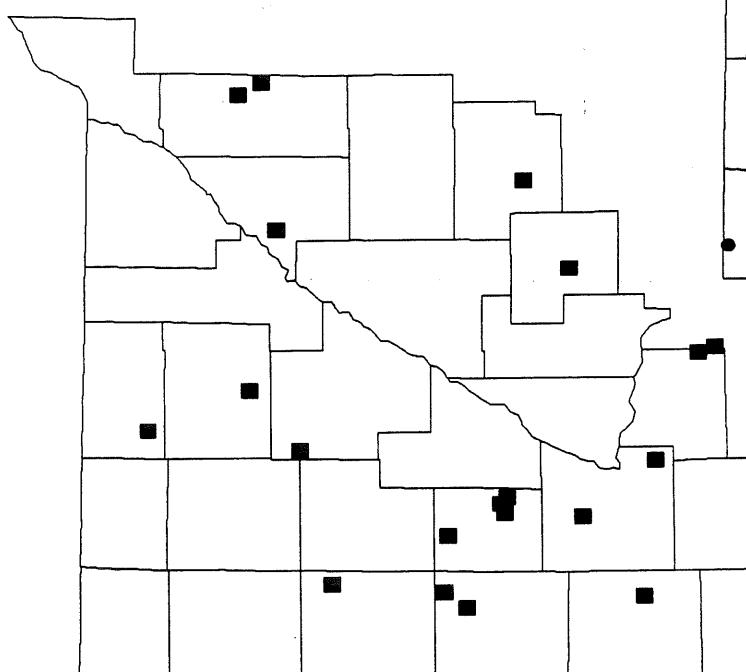
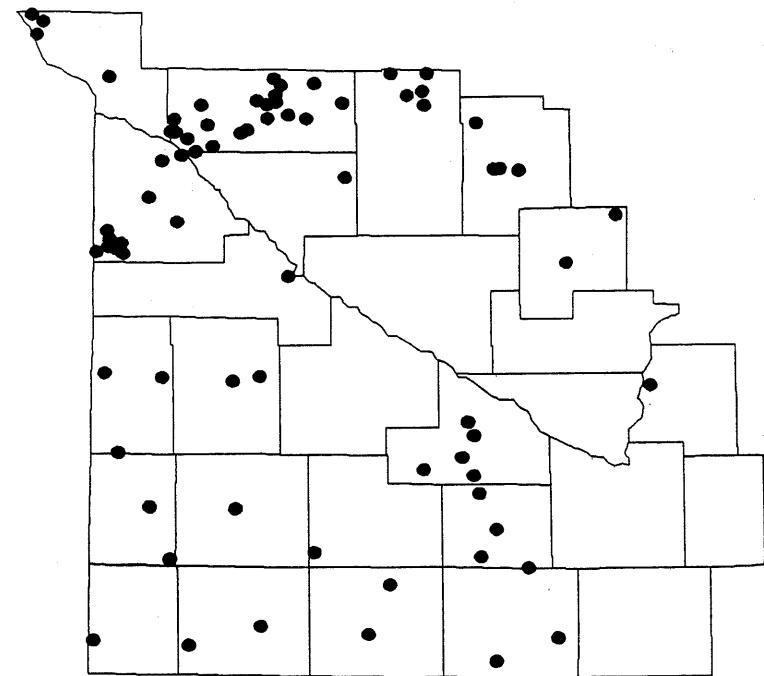


Figure 11.

**Region 4 Aquifers**  
▼ Water Table  
● Buried Drift  
■ Bedrock



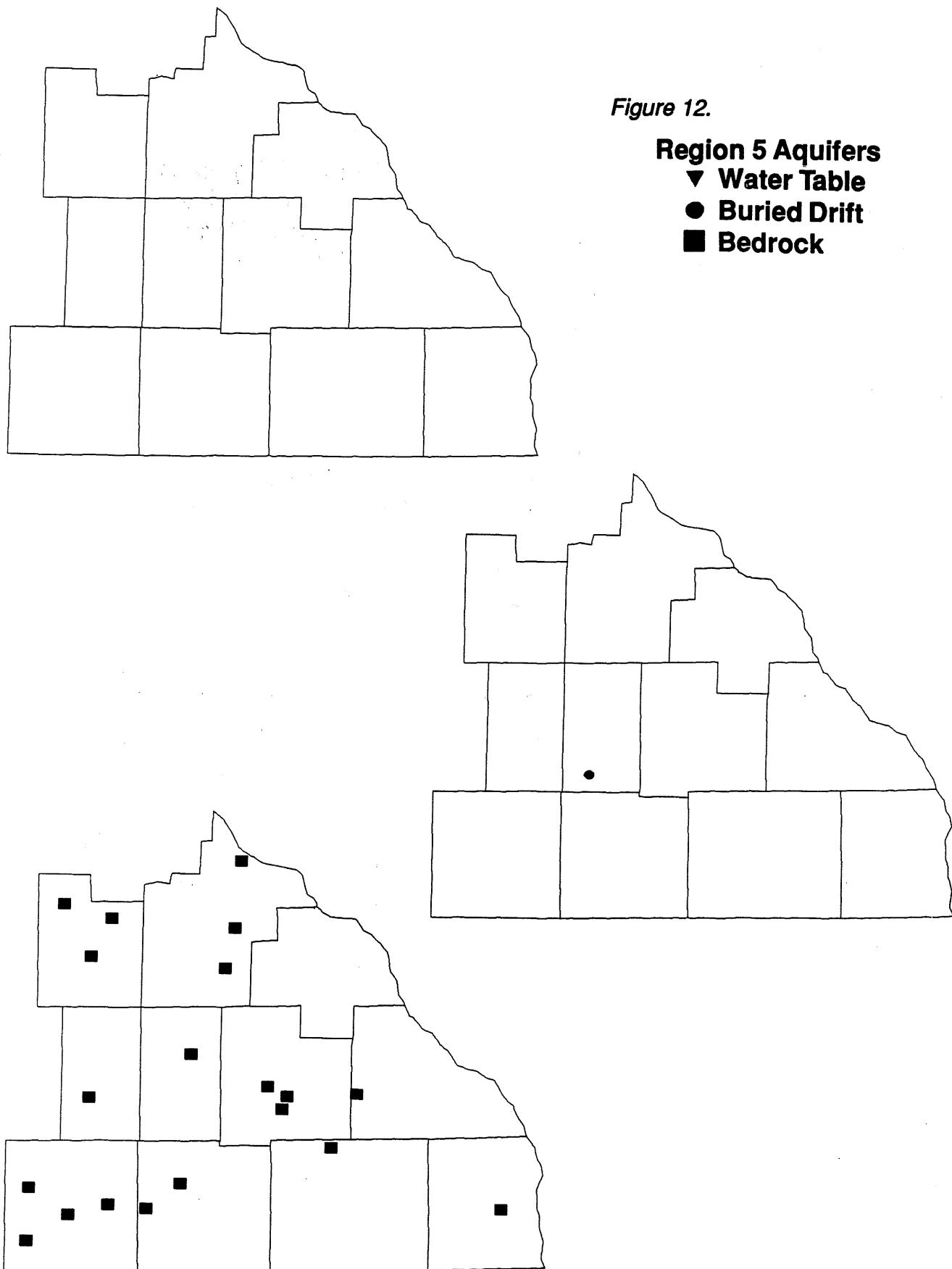
*Figure 12.*

**Region 5 Aquifers**

▼ Water Table

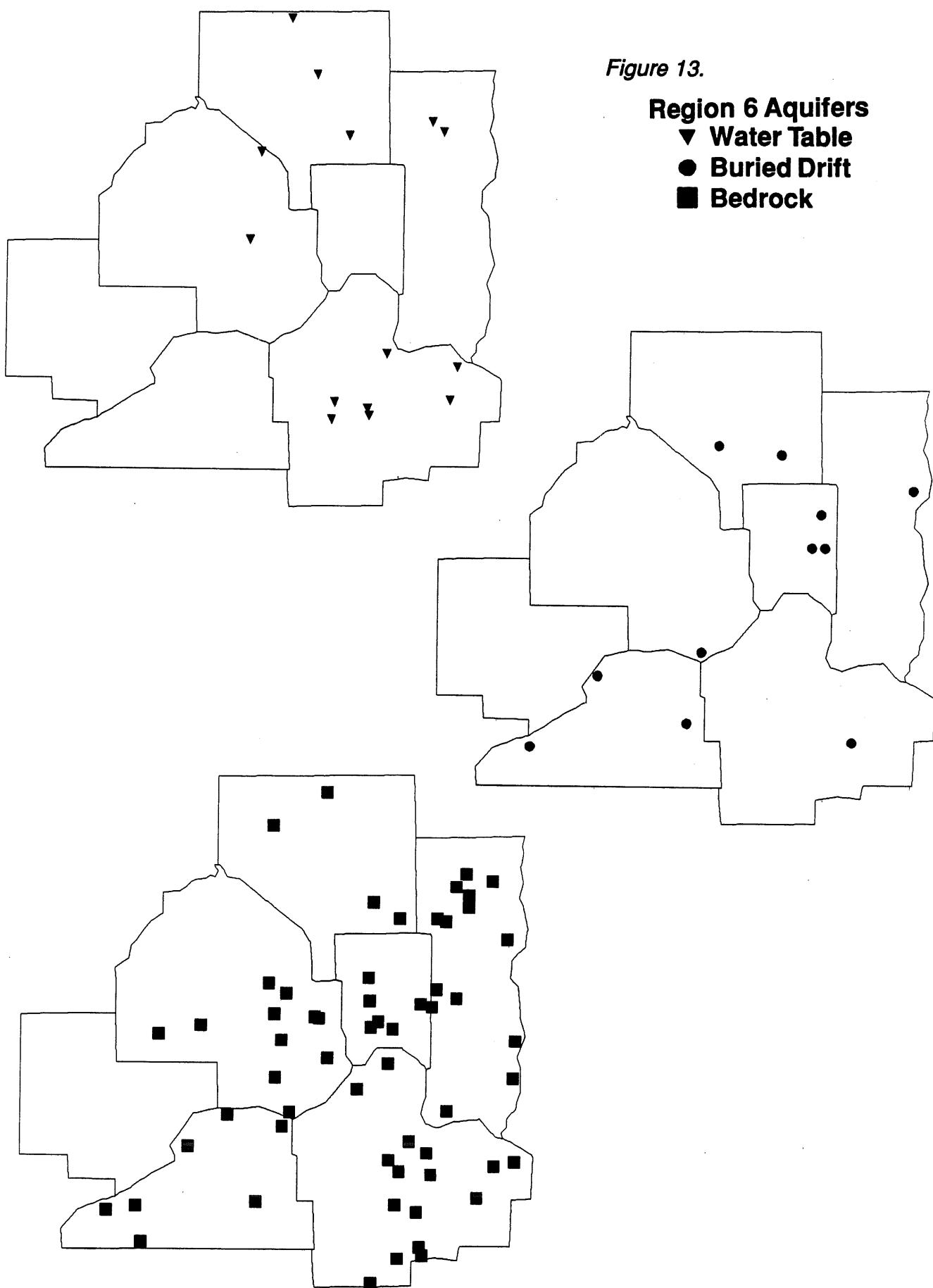
● Buried Drift

■ Bedrock



*Figure 13.*

**Region 6 Aquifers**  
▼ Water Table  
● Buried Drift  
■ Bedrock





**OBSERVATION WELL LOCATIONS**

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
<b>Aitkin County</b>						
1001	45	23	5	ADD	PEAT	A-1
1000	47	27	26	BBC	PEAT QBAAQBA	A-1
<b>Anoka County</b>						
2007	31	22	18	AAA	CFRNCIGL	A-2
2008	31	22	18	AAA	QBAAQBA	A-2
2009	31	22	18	AAA	QBAAQBA	A-2
2010	31	22	18	AAA	QWTAQWTA	A-2
2012	31	22	23	CBC	CJDNCJDN	A-3
2016	31	24	1	CBB	QBAAQBA	A-3
2014	32	23	4	AAD	QWTAQWTA	A-3
2024	33	23	5	BAB	CFRNCFRN	A-3
2015	33	24	30	ABB	CMTSCMTS	A-4
2025	34	24	25	DAC	QWTAQWTA	A-4
<b>Becker County</b>						
3119	138	40	20	BBC	QWTAQWTA	A-5
3113	138	42	26	CDA	QWTAQWTA	A-5
3011	138	43	18	CDA	QWTAQWTA	A-5
3121	138	43	25	CBB	QWTAQWTA	A-5
3006	139	36	2	CCC	QWTAQWTA	A-6
3129	139	36	4	BBB	QBAOBAA	A-6
3130	139	36	4	BBB	QWTAQWTA	A-6
3133	139	36	14	DDD	QWTAQWTA	A-6
3117	139	41	3	AAA	QWTAQWTA	A-7
3118	139	41	22	DAD	QWTAQWTA	A-7
3131	140	36	16	BBB	QWTAQWTA	A-7
3132	140	36	16	BBB	QBAACBAA	A-7
3123	140	36	25	BBD	QWTAQWTA	A-8
3122	140	36	26	AAA	QBAACBAA	A-8
3124	140	36	26	DAA	QWTAQWTA	A-8
3127	140	36	29	ABA	QBAACBAA	A-8
3125	140	36	36	AAA	QBAACBAA	A-9
3126	140	37	13	ADD	QWTAQWTA	A-9
3012	140	41	26	CCD	QWTAQWTA	A-9
3009	141	37	17	AAA	QWTAQWTA	A-9
<b>Beltrami County</b>						
4011	146	32	34	DAB	QWTAQWTA	A-10
4012	146	33	15	ADD	QWTAQWTA	A-10
4013	146	33	20	ADC	QWTAQWTA	A-10
4014	146	33	21	ABC	QWTAQWTA	A-10
4015	146	33	36	DCC	QWTAQWTA	A-11
4016	146	34	22	DCC	QWTAQWTA	A-11
4017	146	35	14	CCC	QWTAQWTA	A-11
4019	147	32	17	DAA	QWTAQWTA	A-11
4020	147	33	8	CCC	QWTAQWTA	A-12
4021	147	33	15	AAB	QWTAQWTA	A-12
4023	147	34	19	BAD	QWTAQWTA	A-12
4000	147	34	35	ADC	QWTAQWTA	A-12
4024	147	35	4	BCA	QWTAQWTA	A-13
4025	147	35	36	BCB	QWTAQWTA	A-13
4004	149	31	25	DCD	QBAACBAA	A-13
4005	149	31	25	DCD	TILLTILL	A-13
4006	149	31	25	DCD	QBAACBAA	A-14
4009	156	31	36	DAA	QBAACBAA	A-14
<b>Benton County</b>						
5001	36	29	30	BCC	QWTAQWTA	A-15
5002	37	31	9	AAA	QWTAQWTA	A-15
5006	37	31	22	BAC	QWTAQWTA	A-15
5007	37	31	22	BAC	QBAACBAA	A-15
5000	38	31	18	DCD	QWTAQWTA	A-16
5005	38	31	18	DCA	QBAACBAA	A-16
5004	38	31	23	AAB	QWTAQWTA	A-16
<b>Big Stone County</b>						
6000	121	44	27	CCC	QWTAQWTA	A-17
6008	122	46	11	DDD	QBAACBAA	A-17
6002	124	48	17	AAA	QBAACBAA	A-17
6006	124	48	31	BBB	QBAACBAA	A-17
6007	124	49	2	DDD	QBAACBAA	A-18
<b>Blue Earth County</b>						
7001	106	28	3	DBA	CFRNCIGL	A-19
7003	108	25	4	BBC	OPDCOPDC	A-19

**OBSERVATION WELL LOCATIONS**

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
Brown County						
8000	108	30	9	ADD	QWTAQWTA	A-20
8005	108	32	16	BBD	QWTAQWTA	A-20
8006	108	32	29	BBD	QBAAQBAA	A-20
8004	108	33	2	ADB	QBAAQBAA	A-20
8008	108	33	28	CAC	QWTAQWTA	A-21
8010	108	33	29	DDA	QWTAQWTA	A-21
8009	108	34	21	BBC	QBAAQBAA	A-21
8007	109	32	8	DCC	QBAAQBAA	A-21
8001	110	32	30	DDB	QBAAQBAA	A-22
Carlton County						
9005	46	19	21	CBB	QWTAQWTA	A-23
9030	47	17	7	AAB	QWTAQWTA	A-23
9028	48	18	21	ACD	QWTAQWTA	A-23
9035	49	17	17	ADD	QWTAQWTA	A-23
Cass County						
11003	135	32	33	CDD	QWTAQWTA	A-24
11005	138	32	15	AAA	QWTAQWTA	A-24
Chippewa County						
12008	117	39	29	AB		A-25
12009	119	37	34	AAB	QBAAQBAA	A-25
12004	119	41	29	DDD	QWTAQWTA	A-25
12005	119	42	17	DDD	QWTAQWTA	A-25
12007	119	43	1	ACA	QBAAQBAA	A-26
Chisago County						
13006	35	19	17	BDB	CMTSCMTS	A-27
13007	35	19	17	BAB	QWTAQWTA	A-27
13009	35	20	3	BDD	QWTAQWTA	A-27
13008	35	20	31	DAB	QWTAQWTA	A-27
13002	35	21	26	BCC	QWTAQWTA	A-28
Clay County						
14035	137	45	17	CAB	QBAAQBAA	A-29
14000	137	45	30	CDB	QWTAQWTA	A-29
14045	137	46	13	BAA	QBAAQBAA	A-29
14037	137	47	13	CBD	QBAAQBAA	A-29
14044	138	46	14	ADD	QBAAQBAA	A-30
14046	139	46	10	ACA	QBAAQBAA	A-30
14001	139	47	5	CDC	QWTAQWTA	A-30
14005	139	47	6	AAA	QBAAQBAA	A-30
14003	139	48	11	ABA	QBAAQBAA	A-31
14038	140	45	4	DDD	QBAAQBAA	A-31
14039	141	45	27	ADD		A-31
14040	141	45	29	BBA	QBAAQBAA	A-31
14041	141	45	32	ADD	QWTAQWTA	A-32
14043	141	45	33	DAD	QWTAQWTA	A-32
14047	142	45	25	CDC	QBAAQBAA	A-32
Clearwater County						
15001	146	37	36	DAC	QBAAQBAA	A-33
15002	146	38	5	BAB	QBAAQBAA	A-33
15005	147	37	5	CCC	QWTAQWTA	A-33
15003	147	37	22	CDD	QWTAQWTA	A-33
15004	148	36	33	BCB	QWTAQWTA	A-34
Cottonwood County						
17004	105	38	20	BAA	QWTAQWTA	A-35
17006	105	38	20	BAA	QBAAQBAA	A-35
Crow Wing County						
18000	135	28	16	CCD	QWTAQWTA	A-36
Dakota County						
19030	27	23	9	ABD	CJDNCJDN	A-37
19005	28	22	19	DCC	OPDCOPDC	A-37
19060	112	18	6	ADB	OPDCCJDN	A-37
19006	112	18	8	ABA	QWTAQWTA	A-37
19007	112	18	8	BBC	OPDCOPDC	A-38
19059	112	19	11	BBD	OPDCCJDN	A-38
19043	112	19	30	DBD	CJDNCJDN	A-38
19062	113	17	33	BCC	OPDCCJDN	A-38
19046	113	18	7	BAC	OPDCCJDN	A-39
19064	113	19	2	BCA	OPDCOPDC	A-39
19061	114	16	7	BDB	OPDCCJDN	A-39

**OBSERVATION WELL LOCATIONS**

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
Dakota County						
19008	114	17	10	AAA	OPDCOPDC	A-39
19018	114	17	16	CBB	QWTAQWTA	A-40
19029	114	17	33	BBC	OPDCOPDC	A-40
19050	114	18	17	AAB	OPDCCJDN	A-40
19051	114	18	35	CCB	QBAAQBA	A-40
19017	114	19	4	DAC	CJ DNC JDN	A-41
19058	114	19	11	CCB	OPDCOPDC	A-41
19013	114	19	22	DDD	QWTAQWTA	A-41
19065	114	19	27	ADD	QWTAQWTA	A-41
19066	114	20	13	DCA	QWTAQWTA	A-42
19055	114	20	36	BDC	QWTAQWTA	A-42
19067	115	17	27	BDC	QWTAQWTA	A-42
19068	115	17	27	BDC	QWTAQWTA	A-42
19015	115	18	18	BCB	QWTAQWTA	A-43
19063	115	18	32	ADB	OPDCCJDN	A-43
19057	115	19	24	CDB	OPDCCJDN	A-43
Dodge County						
20000	105	18	13	DDD	QBAAQBA	A-44
20001	107	17	13	BBA	OGALOGAL	A-44
Douglas County						
21008	127	37	9	BDC	QWTAQWTA	A-45
21000	127	40	27	CBB	QBAAQBA	A-45
21009	129	36	9	BBB	QWTAQWTA	A-45
21001	129	36	15	BBB	QBAAQBA	A-45
21002	129	36	18	CBB	QWTAQWTA	A-46
21003	130	36	4	BCC	QWTAQWTA	A-46
21004	130	36	23	DDD	QWTAQWTA	A-46
Faribault County						
22021	104	26	36	CAC	OPVLOPVL	A-47
Filmore County						
23001	104	11	8	ADC	OPDCCJDN	A-48
Freeborn County						
24002	101	23	2	DAC	DCVAOMQG	A-49
24003	102	21	9	CCB	DCVADCV	A-49
24004	103	20	36	CCB	DCVADCV	A-49
24005	103	23	13	CDA	OGWDQWD	A-49
Goodhue County						
25000	110	15	31	BBD	OPDCOPDC	A-50
25001	111	15	21	CDA	OPDCCJDN	A-50
25005	113	15	27	BAB	CMTSCMTS	A-50
Grant County						
26001	127	41	6	CAC	QBAAQBA	A-51
26002	127	41	32	BBA	QWTAQWTA	A-51
26004	128	43	28	CDC	QWTAQWTA	A-51
26005	129	41	18	ACB	QWTAQWTA	A-51
26007	129	41	31	ACA	QWTAQWTA	A-52
26017	129	42	16	ABB	QBAA	A-52
26011	130	42	23	DBD	QBAAQBA	A-52
26012	130	42	26	DAA	QBAAQBA	A-52
26013	130	42	36	CCC	QWTAQWTA	A-53
26015	130	44	25	BCB	QBAAQBA	A-53
Hennepin County						
27001	27	24	30	BDA	CJ DNC JDN	A-54
27035	27	24	30	AAA	QBAAQBA	A-54
27036	28	24	23	ADD	OPDCOPDC	A-54
27002	29	24	6	CCC	OSTPOSTP	A-54
27039	29	24	26	BAB	OPDCCJDN	A-55
27004	29	24	27	ABD	PYHFPYHF	A-55
27040	116	21	7	DAD	CJ DNC JDN	A-55
27041	117	21	16	CDB	CIGLCIGL	A-55
27010	117	23	11	BBD	OPDCCJDN	A-56
27043	117	24	13	BBC	CMSHCMSH	A-56
27011	118	21	7	DCB	CJ DNC JDN	A-56
27012	118	21	32	CBD	OSTPOSTP	A-56
27038	118	21	32	CBB	QWTAQWTA	A-57
27034	119	21	4	BBA	QWTAQWTA	A-57
Houston County						
28000	102	5	3	DCC	CJ DNC JDN	A-58

**OBSERVATION WELL LOCATIONS**

<b>Well</b>	<b>Township</b>	<b>Range</b>	<b>Section</b>	<b>Qtr-Sec</b>	<b>Aquifer</b>	<b>Page</b>
Houston County						
28001	102	5	3	DCC	CIGLCIGL	A-58
28002	102	5	3	DCC	CMTSCMTS	A-58
Hubbard County						
29000	139	32	16	AAA	QWTAQWTA	A-59
29003	139	33	17	CCC	QWTAQWTA	A-59
29005	139	34	2	CBC	QWTAQWTA	A-59
29032	139	34	24	DDD	QBAAQBAA	A-59
29001	139	34	26	CCD	QWTAQWTA	A-60
29006	139	34	32	CBD	QWTAQWTA	A-60
29019	139	35	3	CAA	QWTAQWTA	A-60
29039	139	35	6	CCC	QWTAQWTA	A-60
29033	139	35	10	BAB	QBAA	A-61
29035	139	35	10	BAB	QWTA	A-61
29042	139	35	11	ABD	QWTAQWTA	A-61
29007	139	35	13	DAD	QWTAQWTA	A-61
29008	140	32	32	BBA	QWTAQWTA	A-62
29009	140	33	20	AAA	QWTAQWTA	A-62
29002	140	33	28	CAB	QWTAQWTA	A-62
29011	140	35	16	BCC	QWTAQWTA	A-62
29046	140	35	23	CDD	QWTAQWTA	A-63
29031	140	35	28	DCC	QBAAQBAA	A-63
29034	140	35	31	CCC	QBAA	A-63
29047	140	35	32	CBB	QBAAQBAA	A-63
29036	143	34	5	ACA	QWTAQWTA	A-64
29037	145	34	24	CAC	QWTAQWTA	A-64
29038	145	34	35	DCC	QWTAQWTA	A-64
Isanti County						
30004	34	24	17	DCC	QWTAQWTA	A-65
30007	35	23	3	BAB	QWTAQWTA	A-65
30006	35	23	5	CCC	QWTAQWTA	A-65
30001	35	24	14	BCD	CMTSCMTS	A-65
30002	35	24	14	CDC	QWTAQWTA	A-66
30008	36	23	23	BBB	QWTAQWTA	A-66
30005	36	25	15	CAB	QWTAQWTA	A-66
Itasca County						
31000	55	25	17	ACD	QWTAQWTA	A-67
31002	148	25	8	DDD	QWTAQWTA	A-67
Jackson County						
32003	102	36	17	CCA	QBAAQBAA	A-68
32004	102	36	17	CCA	QWTAQWTA	A-68
32005	104	35	19	CCA	QBAAQBAA	A-68
32000	104	37	19	DBD	PYSXPYSX	A-68
Kanabec County						
33009	38	23	7	DBB	QWTAQWTA	A-69
33005	39	23	5	DAC	QWTAQWTA	A-69
33000	39	24	11	DDC	QBAAQBAA	A-69
33011	39	24	20	DDD	TILLTILL	A-69
Kandiyohi County						
34041	120	33	36	DCC	QWTAQWTA	A-70
34042	121	33	27	D	QWTAQWTA	A-70
34043	121	34	10	C	QBAAQBAA	A-70
34001	122	33	4	BCD	QWTAQWTA	A-70
34045	122	33	28	CBA	QWTAQWTA	A-71
34049	122	34	2	BBC	QBAAQBAA	A-71
34002	122	34	6	CBC	QWTAQWTA	A-71
34046	122	34	14	BAC	QWTAQWTA	A-71
34047	122	34	19	C	QWTAQWTA	A-72
34052	122	34	28	ADD	QBAA	A-72
34053	122	34	28	ADD	QWTA	A-72
34050	122	34	29	BCB	QWTAQWTA	A-72
34054	122	34	31	CBC	QBAA	A-73
34055	122	34	31	CBC	QWTA	A-73
34051	122	35	14	AAB	QWTAQWTA	A-73
34048	122	35	16	AD	QWTAQWTA	A-73
Lac Qui Parle County						
37004	116	45	7	ADA	QBAAQBAA	A-74
37001	116	45	20	CBA	QBAAQBAA	A-74
37002	116	46	2	CBC	QBAAQBAA	A-74
37000	116	46	13	DDD	QBAAQBAA	A-74
37006	116	46	15	ADA	QBAAQBAA	A-75
37005	116	46	20	BCC	QBAAQBAA	A-75

**OBSERVATION WELL LOCATIONS**

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
Lac Qui Parle County						
37007	117	43	21	BBB	QBAAQBAA	A-75
37003	117	46	26	CDD	QBAAQBAA	A-75
37008	118	44	29	ACA	QBAAQBAA	A-76
37009	119	43	4	CDD	QBAAQBAA	A-76
37010	119	43	18	CBB	QWTAQWTA	A-76
37011	119	44	14	BBD	QBAAQBAA	A-76
Lake County						
38013	57	11	32	CB	QBAAQBAA	A-77
Le Sueur County						
40006	111	26	14	ADA	QBAAQBAA	A-78
40007	112	23	2	BAB	CSTLCSTL	A-78
40005	112	23	6	DDD	CSTLCSTL	A-78
Lincoln County						
41005	109	45	31	CCC	QBAAQBAA	A-79
41000	110	44	33	DCD	KRETKRET	A-79
41003	111	44	11	CBB	QBAAQBAA	A-79
41004	111	46	4	BBC	QBAAQBAA	A-79
Lyon County						
42013	111	40	5	DCC	QBAAQBAA	A-80
42014	111	40	17	CDD	KRETKRET	A-80
42012	111	41	17	ABC	QBAAQBAA	A-80
McLeod County						
43004	115	28	5	ACC	QBAAQBAA	A-84
43003	116	29	35	DDC	QBAAQBAA	A-84
43001	117	27	10	DAA	QBAAQBAA	A-84
Marshall County						
45000	155	47	11	AAA	QBAAQBAA	A-81
45001	156	48	10	DAA	QWTAQWTA	A-81
45002	157	48	27	BAA	QBAAQBAA	A-81
Martin County						
46002	101	32	13	ADA	QBAAQBAA	A-82
46003	102	29	20	BDD	QBAAQBAA	A-82
46000	103	32	8	CDD	KRETKRET	A-82
46004	104	30	5	BBA	QBAAQBAA	A-82
46005	104	30	5	BBA	QBAAQBAA	A-83
46001	104	33	28	BAB	PYSXPYSX	A-83
Meeker County						
47000	119	30	19	AAB	QWTAQWTA	A-85
47006	119	30	19	BCB	QBAAQBAA	A-85
47005	119	30	27	CCA	QBAAQBAA	A-85
47002	119	31	20	AC	QBAAQBAA	A-85
47003	119	31	21	A	QBAAQBAA	A-86
47001	121	31	26	BDC	QWTAQWTA	A-86
47004	121	32	33	D	QWTAQWTA	A-86
47007	121	32	34	CBB	QBAAQBAA	A-86
Mille Lacs County						
48000	38	27	35	ABC	QBAAQBAA	A-87
Morrison County						
49000	39	31	16	BCB	QBAAQBAA	A-88
49028	39	31	23	DAA	QWTAQWTA	A-88
49002	39	32	1	BBD	QWTAQWTA	A-88
49003	39	32	9	DCD	QWTAQWTA	A-88
49004	39	32	35	CAD	QBAAQBAA	A-89
49005	39	32	35	CAD	QWTAQWTA	A-89
49006	40	31	9	CCC	QWTAQWTA	A-89
49007	40	31	26	BAA	QWTAQWTA	A-89
49008	40	32	30	DCD	QWTAQWTA	A-90
49009	41	32	13	DCA	QWTAQWTA	A-90
49010	41	32	24	BBB	QWTAQWTA	A-90
49012	127	29	7	BAB	QWTAQWTA	A-90
49013	127	29	27	BAC	QWTAQWTA	A-91
49027	127	30	2	CCC	QWTAQWTA	A-91
49014	130	29	8	DCC	QWTAQWTA	A-91
49026	132	30	18	DCC	QWTAQWTA	A-91
49025	133	31	21	CBB	QWTAQWTA	A-92

**OBSERVATION WELL LOCATIONS**

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
Mower County						
50003	102	18	5	ACB	DCVADCVA	A-93
50000	103	17	9	DAA	DCVADCVA	A-93
Murray County						
51004	105	43	18	BCC	QWTAQWTA	A-94
51000	106	40	12	ABB	QWTAQWTA	A-94
51005	107	41	32	DCC	QBAAQBA	A-94
51002	108	41	36	BBC	QWTAQWTA	A-94
Nobles County						
53012	101	40	26	CB	QWTAQWTA	A-95
53009	102	40	7	AAA	QBAAQBA	A-95
53010	102	43	32	DDA	QBAAQBA	A-95
53011	102	43	32	DDA	QWTAQWTA	A-95
Norman County						
54006	143	44	29	ABA	QBAAQBA	A-96
54002	143	44	32	ABC	QBAAQBA	A-96
54005	144	44	7	BD	QBAAQBA	A-96
54003	144	45	12	ACA	QBAAQBA	A-96
54007	144	45	12	CCD	QBAAQBA	A-97
54008	145	44	8	DDA	QBAAQBA	A-97
54004	145	44	17	DAC	QBAAQBA	A-97
Olmsted County						
55004	105	13	4	CAA	OPDCOPDC	A-98
55005	106	13	22	CCB	CJDNJJD	A-98
55000	106	14	14	ADB	CJDNCDN	A-98
Ottertail County						
56018	131	36	20	BCC	QWTAQWTA	A-99
56019	131	36	31	DDD	QWTAQWTA	A-99
56021	131	37	3	CBC	QWTAQWTA	A-99
56034	131	37	8	CCD	QWTAQWTA	A-99
56043	131	37	13	DDC	QBAAQBA	A-100
56020	132	36	28	AAD	QWTAQWTA	A-100
56022	132	37	16	BCD	QWTAQWTA	A-100
56023	132	37	32	CAA	QWTAQWTA	A-100
56024	132	37	36	ABB	QWTAQWTA	A-101
56000	132	39	28	BBA	QWTAQWTA	A-101
56025	133	36	28	CCC	QWTAQWTA	A-101
56026	133	37	23	CCB	QWTAQWTA	A-101
56001	133	39	10	CCD	QWTAQWTA	A-102
56003	133	40	13	CCA	QWTAQWTA	A-102
56005	134	36	2	DCC	QWTAQWTA	A-102
56006	134	36	2	DCC	QBAAQBA	A-102
56042	134	36	8	BCA	QBAAQBA	A-103
56037	134	37	14	CCC	QBAAQBA	A-103
56008	134	39	1	ACD	QWTAQWTA	A-103
56040	134	39	29	CBC	QBAAQBA	A-103
56009	134	41	8	CCC	QWTAQWTA	A-104
56010	134	41	15	CBC	QWTAQWTA	A-104
56031	134	43	14	ADB	QWTAQWTA	A-104
56038	135	38	8	BCB	QBAAQBA	A-104
56011	135	39	11	BBB	QWTAQWTA	A-105
56012	136	38	29	BBB	QWTAQWTA	A-105
56013	136	39	14	DAD	QWTAQWTA	A-105
56014	136	39	19	ABD	QBAAQBA	A-105
56032	136	43	10	AAA	QWTAQWTA	A-106
56039	137	37	27	BCB	QBAAQBA	A-106
56041	137	39	18	ADA	QBAAQBA	A-106
56017	137	39	22	ACD	QWTAQWTA	A-106
Pine County						
58005	39	20	18	DDD	QWTAQWTA	A-107
58006	40	18	18	DBC	QWTAQWTA	A-107
58004	41	18	33	AAD	QWTAQWTA	A-107
58003	41	19	33	CCC	QWTAQWTA	A-107
58002	41	20	32	BBB	QWTAQWTA	A-108
58001	44	19	10	BAB	QWTAQWTA	A-108
58007	44	20	13	AAA	QWTAQWTA	A-108
58000	45	20	26	DBB	QWTAQWTA	A-108
Pipestone County						
59008	105	44	25	CBB	QBAAQBA	A-109
59000	106	44	33	CCD	QWTAQWTA	A-109
59004	106	46	7	BBA	QWTAQWTA	A-109
59007	107	44	31	ABB	QBAAQBA	A-109

**OBSERVATION WELL LOCATIONS**

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
Pipestone County						
59005	107	46	12	DAD	QWTAQWTA	A-110
59006	107	46	28	BDB	QWTAQWTA	A-110
59002	107	47	12	CDC	QWTAQWTA	A-110
Pope County						
61032	123	36	1	ACA	QWTAQWTA	A-111
61039	123	36	4	ADD	QBAA	A-111
61040	123	36	4	ADD	QWTA	A-111
61000	123	40	4	BDA	QBAAQBAA	A-111
61031	123	40	17	ACC	QBAAQBAA	A-112
61028	123	40	18	CCB		A-112
61029	123	40	22	DDC	QBAAQBAA	A-112
61017	123	40	30	DAD	QWTAQWTA	A-112
61030	123	40	30	DAD	QBAAQBAA	A-113
61001	124	36	20	DDD	QWTAQWTA	A-113
61007	124	36	34	BBD	QBAAQBAA	A-113
61037	124	36	36	CBB	QBAA	A-113
61018	124	40	5	BCC	QWTAQWTA	A-114
61002	124	40	18	DAD	QWTAQWTA	A-114
61020	124	40	30	BCC	QWTAQWTA	A-114
61021	125	36	4	ADA	QWTAQWTA	A-114
61022	125	36	16	BBB	QWTAQWTA	A-115
61024	125	37	2	CBD	QWTAQWTA	A-115
61025	125	37	2	BCC	QWTAQWTA	A-115
61003	125	37	14	DBB	QWTAQWTA	A-115
61012	125	37	15	ABB	QWTAQWTA	A-116
61004	126	36	20	BCC	QWTAQWTA	A-116
61008	126	36	20	BDD	QWTAQWTA	A-116
61035	126	36	20	ACD	QBAA	A-116
61027	126	37	28	ABC	QWTAQWTA	A-117
61033	126	37	34	DDD	QBAA	A-117
61026	126	37	35	BCC	QWTAQWTA	A-117
Ramsey County						
62009	29	22	14	CAB	OPDCCJDN	A-118
62010	29	22	14	CAB	TILLTILL	A-118
62011	29	22	14	CAB	QBAAQBAA	A-118
62008	29	22	16	ADD	QBAAQBAA	A-118
62001	29	22	24	ADA	CJ DNC JDN	A-119
62003	29	22	31	DDD	OPDCCJDN	A-119
62002	29	23	11	CCC	OSTPOSTP	A-119
62004	29	23	25	CCD	PYHFPYHF	A-119
62034	29	23	35	BAD	OSTPOSTP	A-120
62033	30	22	23	CBB	QBAAQBAA	A-120
62030	30	23	35	BDC	CJ DNC JDN	A-120
Redwood County						
64007	109	36	21	DCC	QWTAQWTA	A-121
64009	109	37	9	CCC	QWTAQWTA	A-121
64000	109	38	30	BBD	KRET KRET	A-121
64008	110	38	20	CCD	QWTAQWTA	A-121
64010	110	39	17	AAA	QWTAQWTA	A-122
64013	112	37	21	CCC	QWTAQWTA	A-122
64011	112	39	22	BBB	QWTAQWTA	A-122
Rice County						
66015	110	20	19	BDC	CJ DNC JDN	A-123
66016	111	20	11	CDC	OPDCOPDC	A-123
66017	112	21	31	CBB	OPDCOPDC	A-123
Rock County						
67000	102	45	35	DDC	QWTAQWTA	A-124
67001	102	46	14	AAA	QWTAQWTA	A-124
67004	102	47	35	AAD	QBAAQBAA	A-124
67003	104	44	21	CDC	QWTAQWTA	A-124
St. Louis County						
69051	57	16	3	ADD	QBAAQBAA	A-134
69000	57	20	5	DAD	PXBIPXB1	A-134
69009	58	18	12	CCC	QBAAQBAA	A-134
69015	58	18	14	DAA	QBAAQBAA	A-134
69001	58	20	16	DBC	QBAAQBAA	A-135
69020	60	13	1	BBA	QWTAQWTA	A-135
69050	61	18	4	BBA	QBAAQBAA	A-135
69002	63	12	26	ABB	QWTAQWTA	A-135
Scott County						
70020	113	24	4	BBA	CFIGCFIG	A-125

OBSERVATION WELL LOCATIONS

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
<b>Scott County</b>						
70001	113	24	6	BCB	QBAAQBAA	A-125
70016	113	24	28	DAA	CMTSCMTS	A-125
70015	113	25	2	CAC	CFRNCIGL	A-126
70007	114	21	20	BAA	QBAAQBAA	A-126
70008	114	22	35	DCC	OPDCOPDC	A-126
70002	115	21	9	CCC	CMTSCMTS	A-126
70018	115	22	5	BAC	CJDNCJDN	A-126
70019	115	23	16	CCD	QBAAQBAA	A-127
70021	115	23	28	BDD	CJDNCJDN	A-127
70022	115	23	28	BDD	CIGLCIGL	A-127
70023	115	23	28	BDD	CMTSCMTS	A-127
<b>Sherburne County</b>						
71000	33	27	21	CCA	QWTAQWTA	A-128
71001	33	27	21	CCA	QWTAQWTA	A-128
71019	33	27	21	CCA	QWTAQWTA	A-128
71020	33	27	21	CCC	CMTSCMSH	A-128
71005	33	27	29	CDC	CMTSCMSH	A-129
71017	33	28	16	DDD	QWTAQWTA	A-129
71009	34	27	10	DDD	QWTAQWTA	A-129
71023	34	27	18	AAB	QBAAQBAA	A-129
71010	34	28	4	ADA	QWTAQWTA	A-130
71011	34	28	31	BDD	QWTAQWTA	A-130
71012	34	28	36	CCC	QWTAQWTA	A-130
71006	34	29	21	ABB	QWTAQWTA	A-130
71021	34	29	21	ABB	QWTAQWTA	A-131
71013	34	30	11	ACD	QWTAQWTA	A-131
71025	34	30	12	ADA	QBAAQBAA	A-131
71026	34	30	13	ACB	QBAAQBAA	A-131
71024	34	30	18	ACB	QWTAQWTA	A-132
71002	35	26	15	DBB	QWTAQWTA	A-132
71003	35	26	15	DBB	QWTAQWTA	A-132
71018	35	27	7	CCA	QWTAQWTA	A-132
71014	35	27	14	DCD	QWTAQWTA	A-133
71004	35	29	28	ABC	QWTAQWTA	A-133
71016	35	30	10	CCB	TILLTILL	A-133
<b>Stearns County</b>						
73033	121	29	1	ABB	QWTAQWTA	A-136
73034	121	29	1	ABB	QWTAQWTA	A-136
73036	121	29	1	BCA	QWTAQWTA	A-136
73002	122	28	7	ABA	QWTAQWTA	A-136
73003	122	28	30	BCC	QWTAQWTA	A-137
73019	122	29	23	CAA	QWTAQWTA	A-137
73022	122	29	25	DBD	QBAAQBAA	A-139
73028	122	29	36	CBC	QWTAQWTA	A-137
73029	122	29	36	CBC	QWTAQWTA	A-138
73032	122	29	36	ADC	QWTAQWTA	A-138
73004	123	28	12	BAB	QWTAQWTA	A-138
73005	123	28	30	ABA	QWTAQWTA	A-138
73006	123	29	7	DBC	QWTAQWTA	A-139
73020	123	29	27	CCC	QWTAQWTA	A-139
73025	123	30	12	ADD	QWTAQWTA	A-139
73007	123	30	18	BCC	QWTAQWTA	A-139
73008	123	32	33	AAD	QWTAQWTA	A-140
73045	123	34	4	ABD	QBAA	A-140
73046	123	34	4	ABD	QWTA	A-140
73037	123	35	2	ADA	QBAA	A-140
73038	123	35	2	ADA	QWTA	A-141
73039	123	35	2	AAD	QBAA	A-141
73041	123	35	7	CAB	QBAA	A-141
73042	123	35	7	CAB	QWTA	A-141
73026	123	35	17	ADC	QWTAQWTA	A-142
73043	123	35	33	CCC	QBAA	A-142
73044	123	35	33	CCC	QWTA	A-142
73010	124	28	6	CDD	QWTAQWTA	A-142
73001	124	28	21	CDA	QWTAQWTA	A-143
73023	124	35	36	DCA	QBAAQBAA	A-143
73011	125	30	22	CDD	QWTAQWTA	A-143
73012	125	33	3	CDA	QWTAQWTA	A-143
73015	126	28	17	CAA	QWTAQWTA	A-144
73024	126	28	33	BCA	QBAAQBAA	A-144
73017	126	30	17	ABC	QWTAQWTA	A-144
73018	126	34	23	CDA	QWTAQWTA	A-144
73027	126	35	9	BAD	QWTAQWTA	A-145
<b>Steele County</b>						
74000	106	20	30	BAD	OGWDODGWD	A-146

**OBSERVATION WELL LOCATIONS**

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
<b>Stevens County</b>						
75006	123	41	3	BCD	QBAAQBAA	A-147
75004	123	41	27	DBD	QBAAQBAA	A-147
75012	123	41	27	CBB	QBAAQBAA	A-147
75018	123	41	27	CBB	QBAAQBAA	A-147
75003	123	42	4	BBD	QBAAQBAA	A-148
75002	123	42	21	BBC	QWTAQWTA	A-148
75017	123	44	13	BDB	QBAAQBAA	A-148
75016	124	41	12	ACA	QBAAQBAA	A-148
75013	124	42	30	ABA	QBAAQBAA	A-149
75001	124	42	35	BBB	QWTAQWTA	A-149
75008	126	41	13	CB	QWTAQWTA	A-149
75014	126	42	36	CCC	QBAAQBAA	A-149
75015	126	44	14	BBB	QBAAQBAA	A-150
<b>Swift County</b>						
76026	120	41	11	BCA	QBAAQBAA	A-151
76016	120	41	12	BBA	QBAAQBAA	A-151
76027	120	41	12	BBA	QBAAQBAA	A-151
76042	120	41	17	AAB	QWTAQWTA	A-151
76020	120	42	4	BBA	QBAAQBAA	A-152
76029	120	42	4	BBA	QBAAQBAA	A-152
76004	120	42	22	AAA	QWTAQWTA	A-152
76044	120	42	28	DDD	TILLTILL	A-152
76045	120	42	28	DDD	QWTAQWTA	A-153
76001	120	43	2	DDD	QWTAQWTA	A-153
76022	120	43	7	ABB	QBAAQBAA	A-153
76031	120	43	7	BBA	QBAAQBAA	A-153
76007	120	43	13	DDD	QWTAQWTA	A-154
76030	120	43	23	BCB	QBAAQBAA	A-154
76034	121	37	10	CCC	QBAAQBAA	A-154
76032	121	38	29	BDA	QBAAQBAA	A-154
76014	121	39	6	BDB	QBAAQBAA	A-155
76013	121	39	7	AAC	QBAAQBAA	A-155
76036	121	39	28	AAA	QBAAQBAA	A-155
76018	121	40	8	AAA	QBAAQBAA	A-155
76019	121	40	14	BAC	QBAAQBAA	A-156
76040	121	40	35	ABB	QBAAQBAA	A-156
76041	121	40	35	ABB	QBAAQBAA	A-156
76035	121	42	17	ABB	QBAAQBAA	A-156
76011	121	42	30	DAD	QWTAQWTA	A-157
76012	121	43	32	CCC	QWTAQWTA	A-157
76024	121	43	32	BAA	QBAAQBAA	A-157
76025	121	43	32	ACC	QBAAQBAA	A-157
76033	122	38	22	BCA	QBAAQBAA	A-158
76015	122	39	20	BBC	QBAAQBAA	A-158
76038	122	40	11	DDA	QBAAQBAA	A-158
76039	122	40	11	DDA	QBAAQBAA	A-158
76037	122	40	26	DDD	QWTAQWTA	A-159
76043	122	41	25	CDD	QWTAQWTA	A-159
<b>Todd County</b>						
77034	127	33	10	DDD	QBAAQBAA	A-160
77011	127	33	13	DBA	QWTAQWTA	A-160
77030	128	33	5	BBB	QWTAQWTA	A-160
77033	128	33	6	AAA	QBAAQBAA	A-160
77009	129	33	5	CDC	QWTAQWTA	A-161
77028	129	33	9	CAA	QWTAQWTA	A-161
77012	130	33	2	AAA	QWTAQWTA	A-161
77026	130	33	4	DBD	QWTAQWTA	A-161
77029	130	33	4	BAB	QWTAQWTA	A-162
77027	130	33	16	BBA	QWTAQWTA	A-162
77008	130	33	17	DBB	QWTAQWTA	A-163
77015	131	32	18	BCC	QWTAQWTA	A-162
77031	131	33	15	CDD	QWTAQWTA	A-163
77013	131	34	25	CBC	QWTAQWTA	A-163
77014	131	35	13	DAA	QWTAQWTA	A-163
77020	132	32	6	CBA	QWTAQWTA	A-163
77022	132	32	8	CBC	QWTAQWTA	A-164
77021	132	33	2	DDD	QWTAQWTA	A-164
77016	132	33	26	DCC	QWTAQWTA	A-164
77032	133	32	5	ABC	QWTAQWTA	A-164
77018	133	32	14	CCC	QWTAQWTA	A-165
77006	133	32	19	DCC	QWTAQWTA	A-165
77019	133	32	20	DCD	QWTAQWTA	A-165
77000	133	35	2	CAC	QWTAQWTA	A-165
77001	133	35	7	CCC	QWTAQWTA	A-166
<b>Traverse County</b>						
78000	129	47	25	CDC	QWTAQWTA	A-167

## OBSERVATION WELL LOCATIONS

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
Wabasha County 79000	111	12	4	BBD	CMTSCMITS	A-168
Wadena County						
80034	134	33	23	CCC	QWTAQWTA	A-169
80001	134	34	12	BAD	QWTAQWTA	A-169
80002	134	34	19	ADD	QWTAQWTA	A-169
80003	134	34	27	DAA	QWTAQWTA	A-169
80005	134	35	9	DBC	QWTAQWTA	A-169
80023	135	33	3	ACB	QWTAQWTA	A-170
80021	135	33	5	CBC	QWTAQWTA	A-170
80024	135	33	14	ADD	QWTAQWTA	A-171
80035	135	33	34	AAD	QWTAQWTA	A-169
80006	135	34	16	DAC	QBAAQBAA	A-171
80027	136	33	19	BCB	QWTAQWTA	A-171
80028	136	33	36	BCB	QWTAQWTA	A-171
80029	137	33	29	DAA	QBAAQBAA	A-172
80030	137	34	7	DDD	QWTAQWTA	A-172
80022	137	34	35	CDC	QWTAQWTA	A-172
80031	138	33	6	DDD	QWTAQWTA	A-172
80032	138	34	15	CCC	QWTAQWTA	A-173
Washington County						
82014	27	20	2	BCC	CIGLCIGL	A-174
82015	27	20	2	BCC	CMTSCMITS	A-174
82016	27	21	28	BCC	OPDCCJDN	A-174
82011	28	20	11	CAA	CFRNCFRN	A-174
82005	29	21	6	CAD	OSTPOSTP	A-175
82028	29	21	10	CCC	CJDNCJDN	A-175
82022	30	20	3	CAD	CIGLCIGL	A-175
82023	30	20	3	CAD	QBAAQBAA	A-175
82024	30	20	3	CAD	QBAAQBAA	A-176
82035	31	20	7	AAA	OPDCOPDC	A-176
82037	31	20	7	AAA	QWTAQWTA	A-176
82033	31	20	18	AAA	OPDCOPDC	A-176
82032	31	21	27	ABB	OPDCOPDC	A-177
82029	31	21	28	ABD	OPDCOPDC	A-177
82030	32	20	30	BCD	OPDCCJDN	A-177
82031	32	20	34	BDB	OPDCOPDC	A-177
82034	32	21	36	CDD	OPDCOPDC	A-178
82036	32	21	36	CDD	QWTAQWTA	A-178
Watonwan County						
83015	105	32	28	ABB	QBAAQBAA	A-179
83013	106	31	19	DDB	QBAAQBAA	A-179
83000	106	32	1	DDB	QWTAQWTA	A-179
83014	106	33	27	BDB	KRET	A-179
83009	107	31	14	DAC	KRET	A-180
83012	107	31	27	AAC	KRET	A-180
83010	107	31	35	CAC	CMTSCMITS	A-180
83011	107	32	16	BAD	QBAAQBAA	A-180
Wilkin County						
84018	135	46	2	C	QBAAQBAA	A-181
84019	135	46	16	A	QBAAQBAA	A-181
Winona County						
85001	106	10	19	DDA	CIGLCIGL	A-182
Wright County						
86007	118	27	15	CDC	QBAAQBAA	A-183
86003	119	26	24	BAB	QWTAQWTA	A-183
86001	119	26	35	DDA	CMTSCMSH	A-183
86004	121	23	22	ACC	QWTAQWTA	A-183
86005	121	25	15	BBA	QWTAQWTA	A-184
86006	122	27	11	AAC	QWTAQWTA	A-184
Yellow Medicine County						
87002	114	45	4	DCD	QWTAQWTA	A-185
87003	115	39	16	DCD	QBAAQBAA	A-185

Aitkin County

DNR Region 2

## SUMMARY FOR 1990 WATER YEAR

**T45 R23 S5 QQQ: ADD1**  
Obwell # 1001

Aquifer: PEAT  
Observer: SWCD

Depth: 13.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	0.7	0.6	0.1	0.8	0.1	0.1	0.4	0.2	0.4	0.6	0.7	0.9
High WL	0.1	-0.2	-0.3	-0.1	-0.5	-0.5	-0.5	-0.5	-0.1		0.1	
Hi Yr	1978	1975	1975	1974	1976	1976	1986	1976	1976	1978	1978	1980
Low WL	2.3	2.8	0.5	3.1	0.4	0.6	1.0	0.9	0.9	1.1	1.6	2.8
Lo Yr	1976	1976	1986	1977	1982	1989	1990	1990	1990	1988	1988	1976
<b>WATER YEAR 90</b>							1.01	0.87	0.92	1.06	1.19	1.22
Rdg	1.13						27	21	29	20	17	25
Day	30											

**T47 R27 S26 QQQ: BBC1**  
Obwell # 1000

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 52.0  
Years of Record: 25

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.3	11.1	11.0	10.7	10.9	10.9	10.3	10.1	10.5	11.1	11.1	11.4
High WL	8.6	8.4	8.4	8.5	8.7	8.3	7.6	7.5	7.4	7.9	8.7	9.3
Hi Yr	1965	1965	1965	1966	1966	1966	1966	1966	1965	1965	1965	1966
Low WL	12.7	13.4	12.8	12.9	12.6	12.7	12.1	12.2	12.8	13.2	12.8	13.4
Lo Yr	1987	1976	1987	1977	1977	1980	1989	1988	1987	1988	1987	1976
<b>WATER YEAR 90</b>												
Rdg	11.94	12.04										
Day	30	29										

## SUMMARY FOR 1990 WATER YEAR

**T31 R22 S18 QQQ: AAA1**  
Obwell # 2007

Aquifer: CFRNCIGL  
Observer: SWCD

Depth: 270.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.3	11.4	11.2	10.3	11.1	11.2	11.0	11.2	12.6	13.0	13.2	12.6
High WL	9.3	8.4	7.9	8.3	9.7	8.1	7.1	8.0	9.2	6.4	9.5	8.1
Hi Yr	1986	1975	1975	1976	1971	1976	1976	1975	1971	1975	1972	1975
Low WL	18.1	17.4	16.5	11.7	12.3	15.8	17.8	16.3	17.0	23.9	18.7	20.3
Lo Yr	1989	1989	1989	1977	1977	1990	1990	1990	1989	1988	1988	1988
WATER YEAR 90												
Rdg	18.14	17.39	16.51			15.79	17.84	16.30	15.45	15.02	15.18	14.84
Day	30	30	28			30	27	30	26	30	28	25

**T31 R22 S18 QQQ: AAA2**  
Obwell # 2008

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 214.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.5	11.6	11.4	10.5	11.4	11.5	11.2	11.6	13.0	13.2	13.4	12.9
High WL	9.7	8.8	8.3	8.7	10.1	8.5	7.5	8.4	9.5	6.8	9.8	8.4
Hi Yr	1986	1975	1975	1976	1971	1976	1976	1975	1971	1975	1972	1975
Low WL	18.1	17.7	17.0	12.1	12.7	16.2	18.2	16.7	21.9	24.3	19.1	20.7
Lo Yr	1989	1989	1989	1977	1977	1990	1990	1990	1988	1988	1988	1988
WATER YEAR 90												
Rdg	18.12	17.66	16.96			16.18	18.18	16.68	15.84	15.56	15.72	15.19
Day	30	30	28			30	27	30	26	30	28	25

**T31 R22 S18 QQQ: AAA3**  
Obwell # 2009

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 125.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.0	10.5	10.6	9.3	10.2	10.5	10.5	11.0	11.4	11.5	11.0	11.4
High WL	8.8	7.5	7.5	7.6	9.6	7.6	7.6	8.7	7.6	7.9	7.4	7.4
Hi Yr	1986	1975	1975	1976	1977	1976	1976	1973	1976	1976	1975	1975
Low WL	16.2	15.4	15.2	10.4	10.7	15.0	15.4	15.7	17.9	20.3	17.6	17.5
Lo Yr	1989	1989	1989	1979	1978	1990	1990	1989	1988	1988	1988	1989
WATER YEAR 90												
Rdg	16.23	15.44	15.22			14.99	15.37	14.92	14.22	14.14	14.06	13.72
Day	30	30	28			30	27	30	26	30	28	25

**T31 R22 S18 QQQ: AAA5**  
Obwell # 2010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.2  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.3	5.3	5.3	5.6	5.7	5.3	4.7	4.9	5.1	4.8	5.1	5.2
High WL	4.7	3.7	4.7	5.0	5.4	3.4	3.5	3.1	4.2	2.7	3.8	4.6
Hi Yr	1980	1972	1989	1973	1971	1972	1979	1975	1990	1975	1972	1972
Low WL	5.8	5.9	5.7	6.6	6.0	6.1	6.3	6.4	6.0	5.9	5.7	5.9
Lo Yr	1988	1987	1987	1984	1977	1987	1987	1987	1987	1988	1976	1982
WATER YEAR 90												
Rdg	5.61	4.74	4.68			5.48	5.12	4.89	4.24	4.11	4.58	4.99
Day	30	30	28			30	27	30	26	30	28	25

## SUMMARY FOR 1990 WATER YEAR

**T31 R22 S23 QQQ: CBC2**  
Obwell # 2012

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 277.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.7	11.8	10.9	11.4	11.4	11.8	10.6	11.3	11.1	11.4	12.1	12.4
High WL	9.5	9.7	9.3	9.4	10.0	9.2	8.9	9.0	9.0	8.1	9.6	9.4
Hi Yr	1975	1972	1975	1976	1973	1976	1976	1975	1975	1975	1975	1975
Low WL	18.3	17.1	12.8	15.3	13.6	15.9	13.1	15.8	16.2	15.5	18.3	18.0
Lo Yr	1989	1988	1989	1988	1987	1990	1990	1989	1987	1987	1989	1989
<u>WATER YEAR 90</u>												
Rdg	18.25	13.08	12.81	12.91	12.89	15.89	13.11	13.11	12.82	12.45	12.20	12.23
Day	1	1	1	1	1	1	1	1	1	1	1	25

**T31 R24 S1 QQQ: CBB1**  
Obwell # 2016

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 193.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	26.8	21.8	20.2	21.3	20.6	22.1	24.6	24.6	28.7	37.0	28.4	
High WL	26.8	18.8	19.3	19.7	20.6	19.9	24.6	18.4	26.8	37.0	21.5	
Hi Yr	1989	1985	1986	1986	1987	1986	1989	1986	1986	1989	1985	
Low WL	26.8	24.7	21.2	23.5	20.6	27.3	24.6	32.4	31.3	37.0	41.1	
Lo Yr	1989	1988	1980	1988	1987	1990	1989	1989	1983	1989	1989	
<u>WATER YEAR 90</u>												
Rdg	26.76					27.32		27.67		30.36		
Day	31					13		15		26		

**T32 R23 S4 QQQ: AAD2**  
Obwell # 2014

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 21.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.3	9.7	9.5	10.1	10.5	10.2	9.4	8.6	9.0	9.1	9.9	10.0
High WL	8.1	7.6	8.6	8.6	9.4	8.1	7.3	5.8	7.8	6.5	8.1	8.5
Hi Yr	1980	1985	1971	1986	1976	1984	1976	1986	1975	1975	1978	1985
Low WL	12.5	12.5	11.5	13.0	13.2	13.2	12.1	11.8	11.2	11.9	11.3	12.4
Lo Yr	1989	1976	1969	1990	1977	1977	1977	1990	1977	1988	1977	1988
<u>WATER YEAR 90</u>												
Rdg	12.45			12.99		13.10		11.83		9.39		8.79
Day	31			16		13		15		26		21

**T33 R23 S5 QQQ: BAB1**  
Obwell # 2024

Aquifer: CFRNCFRN  
Observer: USGS

Depth: 141.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.3	21.4	20.9	21.7	20.7	22.1	22.4	21.9	21.7	21.2	22.4	21.5
High WL	21.1	19.6	20.2	20.2	20.7	20.9	21.4	19.7	21.7	19.5	21.3	19.9
Hi Yr	1980	1985	1986	1986	1987	1984	1980	1986	1987	1986	1980	1986
Low WL	23.5	23.5	21.6	23.6	20.7	23.7	23.4	23.5	21.7	23.6	23.6	23.6
Lo Yr	1989	1988	1980	1989	1987	1990	1989	1990	1987	1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg	23.47					23.74		23.47		22.14		21.50
Day	31					13		15		26		21

Anoka County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

T33 R24 S30 QQQ: ABB1  
Obwell # 2015

Aquifer: CMTSCMITS  
Observer: USGS

Depth: 280.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.7	30.4	29.8	30.4	29.3	30.4	31.8	30.0	30.6	30.1	32.0	30.6
High WL	30.5	28.2	28.7	28.7	29.3	28.8	31.7	26.6	30.6	28.0	31.2	28.4
Hi Yr	1980	1985	1986	1986	1987	1984	1977	1986	1987	1984	1980	1986
Low WL	32.9	32.8	30.9	32.8	29.3	32.2	32.0	32.3	30.6	32.7	32.9	32.9
Lo Yr	1989	1988	1980	1989	1987	1990	1989	1990	1987	1988	1989	1988
WATER YEAR 90						32.19		32.32		30.67		29.92
Rdg	32.93					13		15		26		21
Day	31											

T34 R24 S25 QQQ: DAC1  
Obwell # 2025

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.8	10.0	10.8	9.4		10.1	9.6	8.7	9.7	9.3	10.1	10.1
High WL	8.1	8.5	8.5	9.1		8.4	7.8	7.0	7.2	7.5	8.0	8.3
Hi Yr	1986	1986	1986	1983		1984	1986	1986	1986	1983	1990	1990
Low WL	12.5	12.3	12.2	10.0		11.7	10.7	10.2	11.2	11.8	12.0	12.7
Lo Yr	1989	1989	1989	1982		1990	1988	1988	1989	1988	1989	1989
WATER YEAR 90						11.68	10.62	9.89	8.60	8.22	8.02	8.32
Rdg	12.51	12.29	12.23			30	27	30	26	30	28	25
Day	30	30	28									

Becker County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T138 R40 S20 QQQ: BBC**  
Obwell # 3119

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.2	6.3	6.3			6.0	6.0	6.1	6.2	6.5	6.5	6.3
High WL	5.8	5.8	5.9			5.6	5.6	5.8	5.9	6.0	6.1	5.8
Hi Yr	1986	1986	1986			1987	1989	1986	1985	1986	1986	1986
Low WL	6.7	6.6	6.8			6.5	6.4	6.6	6.6	6.9	7.1	6.9
Lo Yr	1983	1983	1983			1989	1984	1984	1988	1984	1984	1984
<u>WATER YEAR 90</u>												
Rdg	6.28	6.30	6.42			6.05	6.05	6.24	6.33	6.73	6.88	6.78
Day	18	14	14			13	12	23	20	18	22	14

**T138 R42 S26 QQQ: CDA1**  
Obwell # 3113

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 89.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	53.0	53.0	53.0	53.5	53.0	52.9	52.9	52.8	52.8	53.1	53.0	52.9
High WL	51.8	51.1	51.4	53.2	53.0	51.6	51.4	51.7	52.0	52.0	51.7	51.9
Hi Yr	1986	1986	1986	1981	1984	1987	1987	1987	1986	1986	1986	1986
Low WL	53.8	54.0	53.9	54.0	53.0	53.7	53.8	53.6	53.7	55.7	53.4	53.5
Lo Yr	1978	1977	1977	1979	1981	1982	1982	1979	1981	1977	1982	1990
<u>WATER YEAR 90</u>												
Rdg	53.76	53.28	53.38			53.32	53.22	53.22	53.06	53.28	53.32	53.52
Day	18	14	15			13	12	23	20	18	22	14

**T138 R43 S18 QQQ: CDA1**  
Obwell # 3011

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 77.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	59.4	59.5	59.6	59.4	59.8	59.6	59.6	59.3	59.3	59.3	59.3	59.4
High WL	57.8	57.6	57.7	58.8	59.0	57.7	57.7	57.7	57.9	58.0	57.8	57.8
Hi Yr	1986	1986	1986	1981	1981	1987	1987	1987	1987	1987	1986	1986
Low WL	60.6	60.5	60.5	60.5	60.5	60.7	60.3	60.3	60.2	60.3	60.4	60.5
Lo Yr	1984	1984	1984	1984	1984	1984	1984	1984	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	60.03	60.07	60.18			60.32	60.15	60.23	60.20	60.32	60.43	60.54
Day	18	14	15			13	12	23	20	18	22	14

**T138 R43 S25 QQQ: CBB**  
Obwell # 3121

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.2	27.4	27.4			27.5	27.2	27.1	27.0	27.0	27.2	27.3
High WL	25.7	25.7	25.9			25.9	25.9	26.0	26.0	25.4	25.7	25.7
Hi Yr	1986	1986	1986			1987	1987	1987	1986	1986	1986	1986
Low WL	28.0	28.1	28.1			28.2	28.0	28.1	28.0	28.2	28.3	28.3
Lo Yr	1989	1983	1989			1989	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	28.00	28.08	28.14			28.23	28.04	28.06	27.99	28.15	28.28	28.30
Day	18	14	15			13	12	23	20	18	22	14

## SUMMARY FOR 1990 WATER YEAR

**T139 R36 S2 QQQ: CCC1**  
Obwell # 3006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 15.5  
Years of Record: 17

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.6	8.8	8.9	9.1	9.3	9.3	8.7	8.2	8.2	8.3	8.6	8.9
High WL	5.8	6.3	6.8	6.6	7.4	7.2	6.6	6.2	6.5	6.4	5.2	6.6
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1985	1985	1985	1985
Low WL	11.0	11.2	11.5	11.7	11.9	11.9	11.7	11.4	11.3	11.4	11.7	11.6
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	8.19	8.56	8.79			9.09	8.70	8.27	8.28	8.55	8.90	9.18
Day	16	20	18			14	13	15	14	16	14	16

**T139 R36 S4 QQQ: BBB1**  
Obwell # 3129

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	18.6	18.8	18.8			18.0	17.7	17.7	17.9	18.5	18.9	19.1
High WL	18.6	18.8	18.8			18.0	17.7	17.7	17.9	18.5	18.9	18.9
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1989
Low WL	18.6	18.8	18.8			18.0	17.7	17.7	17.9	18.5	19.0	19.3
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1990
<u>WATER YEAR 90</u>												
Rdg	18.64	18.76	18.80			17.97	17.74	17.71	17.91	18.53	18.86	19.29
Day	17	20	18			14	13	15	16	16	14	16

**T139 R36 S4 QQQ: BBB2**  
Obwell # 3130

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	18.4	18.3	18.5			17.9	17.4	17.4	17.6	17.9	18.2	18.7
High WL	18.4	18.3	18.5			17.9	17.4	17.4	17.6	17.9	18.1	18.6
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1989
Low WL	18.4	18.3	18.5			17.9	17.4	17.4	17.6	17.9	18.4	18.8
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	18.40	18.32	18.47			17.85	17.36	17.39	17.60	17.90	18.35	18.80
Day	17	20	18			14	13	15	16	16	14	16

**T139 R36 S14 QQQ: DDD**  
Obwell # 3133

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.2	10.5	10.8			11.0	9.2	9.2	9.2	9.9	10.8	10.7
High WL	10.2	10.5	10.8			11.0	9.2	9.2	9.2	9.9	10.8	10.1
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1989
Low WL	10.2	10.5	10.8			11.0	9.2	9.2	9.2	9.9	10.8	11.2
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	10.16	10.51	10.77			11.00	9.17	9.21	9.23	9.95	10.79	11.19
Day	17	20	18			16	13	15	14	16	14	16

Becker County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T139 R41 S3 QQQ: AAA**  
Obwell # 3117

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.5	6.5	6.6			6.8	6.5	6.3	6.3	6.5	6.6	6.6
High WL	6.1	5.9	6.1			6.3	6.3	5.9	5.8	5.9	6.1	5.9
Hi Yr	1986	1985	1985			1984	1984	1985	1985	1985	1985	1985
Low WL	6.8	7.0	6.9			7.2	6.8	6.7	6.8	7.1	7.1	6.9
Lo Yr	1988	1988	1988			1989	1988	1988	1988	1988	1989	1990
<u>WATER YEAR 90</u>	Rdg	6.66	6.70	6.86		7.15	6.65	6.42	6.39	6.60	6.78	6.94
	Day	18	14	15		13	12	23	20	18	22	14

**T139 R41 S22 QQQ: DAD**  
Obwell # 3118

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	2.7	2.7	3.0			3.3	2.7	2.4	2.4	3.0	3.3	3.3
High WL	1.4	1.6	1.9			1.6	1.7	1.4	0.9	1.2	1.5	1.5
Hi Yr	1986	1986	1986			1984	1984	1985	1985	1985	1985	1985
Low WL	4.3	4.2	4.3			4.7	3.9	3.4	4.0	4.5	4.8	4.8
Lo Yr	1988	1989	1989			1989	1990	1990	1988	1988	1990	1990
<u>WATER YEAR 90</u>	Rdg	4.18	4.23	4.29		4.50	3.88	3.40	3.16	3.61	4.75	4.76
	Day	18	14	15		13	12	23	20	18	22	14

**T140 R36 S16 QQQ: BBB1**  
Obwell # 3131

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	45.2	45.0	45.2			45.2	45.2	45.2	45.2	45.9	46.5	45.5
High WL	45.2	45.0	45.2			45.2	45.2	45.2	45.2	45.9	46.4	45.3
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1989
Low WL	45.2	45.0	45.2			45.2	45.2	45.2	45.2	45.9	46.6	45.8
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>	Rdg	45.20	45.04	45.15		45.18	45.20	45.18	45.24	45.88	46.64	45.79
	Day	17	20	18		14	13	15	16	16	14	16

**T140 R36 S16 QQQ: BBB2**  
Obwell # 3132

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave						42.4	42.3	42.3	42.4		41.9	42.0
High WL						42.4	42.3	42.3	42.4		41.9	42.0
Hi Yr						1990	1990	1990	1990		1989	1989
Low WL						42.4	42.3	42.3	42.4		41.9	42.0
Lo Yr						1990	1990	1990	1990		1989	1989
<u>WATER YEAR 90</u>	Rdg					42.37	42.32	42.34	42.37			
	Day					14	13	15	16			

Becker County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T140 R36 S25 QQQ: BBD**  
Obwell # 3123

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 89.0  
Years of Record: 7

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	18.4						18.1	20.1				
High WL	15.1						16.0	20.1				
Hi Yr	1985						1986	1984				
Low WL	20.7						19.6	20.1				
Lo Yr	1984						1990	1984				
<b>WATER YEAR 90</b>												
Rdg	19.04						19.58					
Day	16						13					

**T140 R36 S26 QQQ: AAA**  
Obwell # 3122

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 57.0  
Years of Record: 7

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	20.9						21.9	22.7		19.2	19.2	18.6
High WL	16.7						18.6	22.7		19.2	19.2	18.6
Hi Yr	1989						1986	1984		1985	1985	1985
Low WL	24.7						23.5	22.7		19.2	19.2	18.6
Lo Yr	1984						1989	1984		1985	1985	1985
<b>WATER YEAR 90</b>												
Rdg	16.70						22.48					
Day	16						13					

**T140 R36 S26 QQQ: DAA**  
Obwell # 3124

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 66.0  
Years of Record: 7

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	13.2						13.1	14.0				
High WL	9.6						11.5	14.0				
Hi Yr	1985						1986	1984				
Low WL	15.0						15.1	14.0				
Lo Yr	1984						1989	1984				
<b>WATER YEAR 90</b>												
Rdg	14.55						13.99					
Day	16						13					

**T140 R36 S29 QQQ: ABA1**  
Obwell # 3127

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	6.2	6.0	5.8			5.7	6.1	5.1	5.0	5.2	5.4	5.3
High WL	6.2	6.0	5.8			5.7	6.1	5.1	5.0	5.2	5.2	5.1
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1989
Low WL	6.2	6.0	5.8			5.7	6.1	5.1	5.0	5.2	5.5	5.5
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<b>WATER YEAR 90</b>												
Rdg	6.21	6.04	5.77			5.66	6.05	5.06	4.96	5.22	5.48	5.48
Day	17	20	18			14	13	15	16	16	14	16

Becker County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T140 R36 S36 QQQ: AAA**  
Obwell # 3125

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 110.0  
Years of Record: 7

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	33.4						32.0	32.6				
High WL	28.6						30.4	32.6				
Hi Yr	1985						1986	1984				
Low WL	35.9						33.5	32.6				
Lo Yr	1987						1989	1984				
<u>WATER YEAR 90</u>												
Rdg	35.74						32.90					
Day	16						13					

**T140 R37 S13 QQQ: ADD**  
Obwell # 3126

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 38.0  
Years of Record: 6

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	34.1	34.0	33.5	34.4	34.7	34.0	33.6	33.7	34.0	34.7	35.2	34.8
High WL	33.1	33.1	31.7	34.4	34.7	32.8	32.7	32.2	32.7	32.9	33.3	33.3
Hi Yr	1986	1986	1985	1989	1989	1986	1986	1986	1986	1986	1986	1986
Low WL	34.9	34.6	34.5	34.4	34.7	34.6	34.2	34.6	34.8	35.8	36.1	35.7
Lo Yr	1988	1988	1989	1989	1989	1989	1989	1990	1988	1988	1989	1990
<u>WATER YEAR 90</u>							34.52	33.44	34.55	34.69	35.20	36.03
Rdg	34.65	34.40	34.50				14	13	15	16	16	14
Day	17	20	18									16

**T140 R41 S26 QQQ: CCD1**  
Obwell # 3012

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 52.6  
Years of Record: 14

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	31.1	30.9	31.3	31.9	32.1	31.5	31.3	31.2	31.4	31.3	31.2	31.3
High WL	29.1	28.8	29.0	31.2	31.3	29.1	29.2	27.7	29.5	29.5	29.4	29.3
Hi Yr	1986	1977	1986	1980	1980	1987	1987	1986	1987	1986	1986	1986
Low WL	32.4	33.3	33.4	32.4	32.6	34.0	32.8	33.1	33.1	33.2	33.2	33.2
Lo Yr	1983	1982	1982	1981	1981	1982	1982	1982	1981	1982	1982	1982
<u>WATER YEAR 90</u>							32.07	31.90	32.21	32.32	32.43	32.51
Rdg	31.75	31.83	31.86				13	12	23	20	18	22
Day	18	14	15									14

**T141 R37 S17 QQQ: AAA1**  
Obwell # 3009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.9  
Years of Record: 17

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.7	27.9	27.9	28.2	28.3	28.3	27.7	27.5	27.7	27.8	27.9	27.8
High WL	24.9	25.2	25.4	25.6	25.9	26.1	25.5	25.7	25.8	25.8	25.0	25.0
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1985	1985	1985
Low WL	30.5	30.3	30.2	30.1	30.2	30.3	30.2	30.2	30.3	30.1	30.5	30.6
Lo Yr	1977	1977	1977	1978	1978	1978	1977	1977	1977	1981	1977	1977
<u>WATER YEAR 90</u>							28.54	27.92	28.06	28.24	28.49	28.97
Rdg	28.18	28.24	28.32				14	13	15	16	16	14
Day	17	20	18									16

Beltrami County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T146 R32 S34 QQQ: DAB**  
Obwell # 4011

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	23.7	23.8	24.0			24.4	24.3	23.9	23.7	23.3	24.3	24.0
High WL	23.7	23.8	24.0			24.4	24.1	23.5	23.2	22.5	24.3	23.4
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1989	1989
Low WL	23.7	23.8	24.0			24.4	24.5	24.4	24.1	24.1	24.4	24.6
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	23.71	23.79	23.97			24.39	24.54	24.42	24.10	24.11	24.39	24.57
Day	24	27	27			22	20	30	22	20	29	27

**T146 R33 S15 QQQ: ADD**  
Obwell # 4012

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.5  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.9	25.1	25.4			25.2	25.4	25.0	24.8	24.8	25.1	25.3
High WL	24.9	25.2	25.4			25.2	25.1	24.6	24.4	24.4	24.8	24.9
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1989	1989
Low WL	24.9	25.2	25.4			25.2	25.7	25.4	25.1	25.1	25.4	25.6
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	24.91	25.15	25.38			25.20	25.67	25.37	25.14	25.07	25.39	25.56
Day	24	27	27			22	20	30	22	20	29	27

**T146 R33 S20 QQQ: ADC**  
Obwell # 4013

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 76.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	16.8	17.0	17.2			17.0	16.4	16.3	16.3	14.7	17.0	17.2
High WL	16.8	17.0	17.2			17.0	15.9	16.1	16.2	12.8	17.0	17.1
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1990	1989
Low WL	16.8	17.0	17.2			17.0	16.8	16.5	16.4	16.5	17.1	17.3
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1990
<u>WATER YEAR 90</u>												
Rdg	16.82	17.00	17.19			17.03	16.79	16.45	16.37	16.50	17.04	17.30
Day	24	27	27			22	20	30	22	20	29	27

**T146 R33 S21 QQQ: ABC**  
Obwell # 4014

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.4	12.3	12.4			12.7	11.9	11.8	12.2	13.8	12.4	12.4
High WL	12.4	12.3	12.4			12.7	11.5	11.5	11.6	12.1	12.3	12.2
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1990	1989	1989
Low WL	12.4	12.3	12.4			12.7	12.3	12.0	12.8	15.5	12.5	12.7
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1989	1990	1990
<u>WATER YEAR 90</u>												
Rdg	12.35	12.30	12.44			12.72	12.30	12.01	12.83	12.12	12.53	12.67
Day	24	27	27			22	20	30	22	20	29	27

Beltrami County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T146 R33 S36 QQQ: DCC**  
Obwell # 4015

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.4	8.3	8.6			8.2	8.0	8.0	8.0	8.2	8.6	7.8
High WL	8.4	8.3	8.6			8.2	7.8	7.8	7.8	8.1	8.5	6.8
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1989	1989
Low WL	8.4	8.3	8.6			8.2	8.2	8.3	8.1	8.4	8.7	8.7
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	8.40	8.31	8.57			8.16	8.21	8.29	8.08	8.39	8.71	8.74
Day	24	27	27			22	20	30	22	20	29	27

**T146 R34 S22 QQQ: DCC**  
Obwell # 4016

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.5  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.6	11.8	12.0			11.9	11.2	11.2	11.1	11.3	11.8	11.7
High WL	11.6	11.8	12.0			11.9	10.7	10.7	10.7	11.0	11.5	11.2
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1989	1989
Low WL	11.6	11.8	12.0			11.9	11.7	11.8	11.6	11.7	12.0	12.2
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	11.64	11.82	12.03			11.90	11.72	11.76	11.55	11.65	12.03	12.19
Day	24	27	27			22	20	30	22	20	29	27

**T146 R35 S14 QQQ: CCC**  
Obwell # 4017

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.3	7.2	7.7			8.8	5.5	6.0	5.7	6.8	8.4	8.3
High WL	7.3	7.2	7.7			8.8	4.9	5.6	5.6	6.8	8.4	7.8
Hi Yr	1989	1989	1989			1990	1989	1989	1990	1989	1989	1989
Low WL	7.3	7.2	7.7			8.8	6.1	6.4	5.9	6.9	8.4	8.8
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	7.30	7.18	7.67			8.80	6.11	6.36	5.56	6.91	8.41	8.78
Day	24	27	27			22	20	30	22	20	29	27

**T147 R32 S17 QQQ: DAA**  
Obwell # 4019

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	28.0	28.1	28.2			28.6	28.7	28.3	28.1	28.3	28.3	28.4
High WL	28.0	28.1	28.2			28.6	28.6	27.8	27.5	28.0	27.9	27.9
Hi Yr	1989	1989	1989			1990	1990	1989	1989	1989	1989	1989
Low WL	28.0	28.1	28.2			28.6	28.7	28.8	28.8	28.7	28.7	28.8
Lo Yr	1989	1989	1989			1990	1989	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	27.97	28.12	28.23			28.60	28.59	28.83	28.79	28.66	28.67	28.81
Day	24	27	27			22	20	30	22	20	29	27

Beltrami County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T147 R33 S8 QQQ: CCC**  
Obwell # 4020

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.2	14.4	14.6			14.3	14.9	14.2	14.1	14.0	14.3	14.5
High WL	14.2	14.4	14.6			14.3	14.9	13.6	13.6	13.5	13.8	13.9
Hi Yr	1989	1989	1989			1990	1990	1989	1989	1989	1989	1989
Low WL	14.2	14.4	14.6			14.3	14.9	14.9	14.7	14.5	14.8	15.0
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	14.18	14.41	14.64			14.25	14.87	14.85	14.69	14.49	14.82	15.04
Day	24	27	27			22	20	30	22	20	29	27

**T147 R33 S15 QQQ: AAB**  
Obwell # 4021

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.3	9.6	9.7			9.9	9.4	9.1	9.0	8.4	9.6	9.6
High WL	9.3	9.6	9.7			9.9	9.3	9.0	9.0	7.6	9.5	9.3
Hi Yr	1989	1989	1989			1990	1989	1989	1990	1989	1989	1989
Low WL	9.3	9.6	9.7			9.9	9.4	9.1	9.0	9.2	9.6	9.8
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	9.25	9.59	9.74			9.90	9.45	9.12	8.96	9.24	9.64	9.82
Day	24	27	27			22	20	30	22	20	29	27

**T147 R34 S19 QQQ: BAD**  
Obwell # 4023

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 32.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	15.3	14.8	15.4			15.8	15.9	15.3	15.3	15.1	15.3	15.4
High WL	15.3	14.8	15.4			15.8	15.9	14.9	15.0	14.8	15.0	15.2
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1989	1989
Low WL	15.3	14.8	15.4			15.8	16.0	15.8	15.6	15.4	15.6	15.7
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	15.28	14.77	15.44			15.76	15.97	15.75	15.63	15.42	15.56	15.71
Day	24	27	27			22	20	30	22	20	29	27

**T147 R34 S35 QQQ: ADC1**  
Obwell # 4000

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 20.0  
Years of Record: 21

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.2	9.1	9.3	9.5	9.5	9.8	9.5	9.0	8.9	9.1	8.9	9.0
High WL	7.4	8.0	7.6	8.1	8.4	6.4	7.7	7.4	7.4	7.3	6.2	6.9
Hi Yr	1975	1979	1975	1976	1976	1979	1976	1975	1979	1979	1975	1975
Low WL	10.6	10.2	10.6	10.8	10.7	11.1	11.0	10.8	10.2	10.5	10.9	9.9
Lo Yr	1989	1988	1989	1990	1989	1990	1990	1990	1977	1990	1990	1981
<u>WATER YEAR 90</u>												
Rdg	10.60		10.59	10.81		11.14	11.03	10.78		10.47	10.91	
Day	26		11	16		2	11	21		19	20	

Beltrami County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T147 R35 S4 QQQ: BCA**  
Obwell # 4024

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	17.0	17.7	17.8			17.0	17.7	17.3	16.7	17.2	17.2	17.5
High WL	17.0	17.7	17.8			17.0	17.3	16.8	15.8	16.8	16.4	16.8
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1989	1989
Low WL	17.0	17.7	17.8			17.0	18.1	17.7	17.6	17.5	18.0	18.2
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	16.98	17.67	17.83			16.97	18.12	17.70	17.56	17.52	17.99	18.22
Day	24	27	27			22	20	30	22	20	29	27

**T147 R35 S36 QQQ: BCB**  
Obwell # 4025

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.5	7.6	7.8			7.2	7.2	6.5	6.3	6.6	7.3	9.0
High WL	7.5	7.6	7.8			7.2	6.5	5.8	5.8	6.2	7.1	7.9
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1989	1990
Low WL	7.5	7.6	7.8			7.2	7.9	7.2	6.9	6.9	7.6	10.0
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1989
<u>WATER YEAR 90</u>												
Rdg	7.49	7.64	7.81			7.20	7.91	7.15	6.85	6.94	7.59	7.92
Day	23	27	27			22	20	30	22	20	29	27

**T149 R31 S25 QQQ: DCD1**  
Obwell # 4004

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 157.1  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	105.5	98.7	98.0	101.8	101.6	97.9	98.1	96.5	98.3	96.4	107.6	105.8
High WL	79.6	53.9	54.8	101.5	101.5	61.8	65.6	69.2	71.4	70.6	75.8	78.8
Hi Yr	1986	1985	1985	1983	1984	1986	1986	1986	1986	1980	1986	1986
Low WL	136.9	132.2	129.0	102.0	101.7	116.2	113.9	106.1	112.0	109.7	153.4	144.5
Lo Yr	1987	1987	1987	1985	1985	1988	1988	1989	1988	1988	1987	1987
<u>WATER YEAR 90</u>												
Rdg	105.30	105.32	105.26			106.18	105.25	105.20	105.49	105.48	105.43	104.55
Day	24	27	27			23	20	31	22	20	22	27

**T149 R31 S25 QQQ: DCD2**  
Obwell # 4005

Aquifer: TILLTILL  
Observer: SWCD

Depth: 64.8  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.5	21.3	21.8	22.1	24.8	25.6	22.8	19.0	19.1	18.1	25.3	21.9
High WL	18.6	3.7	4.7	17.2	22.6	6.4	8.8	1.5	9.7	6.5	12.7	7.0
Hi Yr	1986	1981	1981	1983	1984	1986	1986	1982	1981	1981	1986	1981
Low WL	30.0	30.3	31.5	26.1	26.9	36.6	33.4	29.9	28.6	28.6	39.0	30.4
Lo Yr	1988	1987	1988	1985	1985	1989	1990	1990	1990	1988	1987	1990
<u>WATER YEAR 90</u>												
Rdg	27.67	29.50	30.46			33.22	33.42	29.90	28.59	26.69	27.99	30.42
Day	24	27	27			23	20	31	22	20	22	27

Beltrami County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T149 R31 S25 QQQ: DCD3**  
**Obwell # 4006**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 129.8  
 Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	101.4	96.4	101.4	78.3	100.6	103.1	102.1	102.1	102.1	98.5	105.0	101.9
High WL	95.0	54.8	98.0	57.7	100.6	97.8	98.5	99.4	99.5	69.6	100.3	93.0
Hi Yr	1983	1982	1983	1983	1985	1989	1987	1987	1986	1980	1984	1982
Low WL	107.0	105.9	104.2	99.0	100.6	118.2	104.3	106.0	104.5	104.5	118.3	110.9
Lo Yr	1987	1987	1987	1984	1985	1990	1989	1990	1990	1990	1987	1987
<u>WATER YEAR 90</u>												
Rdg	103.20	103.44	103.84			118.20	104.25	105.95	104.54	104.50	104.36	104.45
Day	24	27	27			23	20	31	22	20	22	27

**T156 R31 S36 QQQ: DAA2**  
**Obwell # 4009**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 107.0  
 Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.0	3.4	3.8	2.7	4.0	3.2	2.6	3.1	2.7	4.6	5.3	4.4
High WL	-0.4	0.3	1.3	2.7	3.6	0.4	-0.6	0.9	-0.1	1.1	2.6	0.4
Hi Yr	1987	1987	1987	1984	1985	1985	1988	1987	1988	1987	1987	1987
Low WL	9.7	8.4	7.6	2.7	4.5	6.2	5.9	5.5	5.3	14.8	12.7	11.4
Lo Yr	1985	1985	1985	1984	1982	1986	1986	1986	1986	1985	1985	1985
<u>WATER YEAR 90</u>												
Rdg	2.99	3.43	5.41			5.33	1.07	2.00	0.19	3.22	5.65	7.07
Day	24	27	27			23	20	31	22	20	22	27

Benton County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T36 R29 S30 QQQ: BCC2**  
Obwell # 5001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 19.0  
Years of Record: 15

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.0	8.6	8.6	8.5	9.4	10.2	9.2	8.9	8.8	8.7	9.0	8.8
High WL	4.8	4.9	5.3	6.1	5.9	5.9	5.5	4.6	5.1	4.5	5.0	4.7
Hi Yr	1985	1984	1984	1984	1984	1984	1984	1986	1986	1984	1986	1985
Low WL	13.1	13.3	13.0	10.6	11.1	14.1	13.9	14.0	13.2	12.4	12.7	12.9
Lo Yr	1989	1989	1988	1978	1982	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>						14.14	13.90	13.98	13.18	11.64	10.79	9.50
Rdg	13.06	13.27				2	3	1	8	2	6	14
Day	4	4										

**T37 R31 S9 QQQ: AAA2**  
Obwell # 5002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.0  
Years of Record: 15

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	29.4	29.4	29.2	29.9	30.1	30.1	29.8	29.9	29.9	30.0	29.1	29.3
High WL	25.8	25.2	25.4	28.3	28.4	26.8	26.9	27.4	27.4	26.2	25.9	26.1
Hi Yr	1986	1986	1986	1984	1984	1987	1985	1985	1985	1984	1984	1986
Low WL	33.0	32.4	31.7	31.1	31.4	32.2	32.3	32.6	32.7	33.0	33.2	33.5
Lo Yr	1977	1977	1977	1978	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>						31.58				32.38	31.25	30.78
Rdg	32.20					2				2	6	13
Day	4											

**T37 R31 S22 QQQ: BAC**  
Obwell # 5006

Aquifer:  
Observer: SWCD

Depth: 26.0  
Years of Record: 1

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave											20.2	20.1
High WL											20.2	20.1
Hi Yr											1990	1990
Low WL											20.2	20.1
Lo Yr											1990	1990
<u>WATER YEAR 90</u>											20.18	20.09
Rdg											6	13
Day												

**T37 R31 S22 QQQ: BAC**  
Obwell # 5007

Aquifer:  
Observer: SWCD

Depth: 111.0  
Years of Record: 1

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave											20.3	20.2
High WL											20.3	20.2
Hi Yr											1990	1990
Low WL											20.3	20.2
Lo Yr											1990	1990
<u>WATER YEAR 90</u>											20.32	20.18
Rdg											6	13
Day												

## SUMMARY FOR 1990 WATER YEAR

**T38 R31 S18 QQQ: DCD2**  
Obwell # 5000

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	26.7	26.4	25.8	26.0	26.9	26.8	26.6	26.5	26.6	26.8	27.5	27.0
High WL	18.9	19.0	18.9	23.8	24.1	20.8	21.2	18.6	21.8	20.0	18.6	17.1
Hi Yr	1986	1986	1986	1980	1980	1987	1987	1986	1986	1986	1986	1986
Low WL	31.4	30.6	30.4	28.8	29.4	30.9	30.9	31.1	31.0	31.0	32.2	32.1
Lo Yr	1977	1977	1988	1978	1977	1990	1990	1990	1990	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	31.04	30.56				30.91	30.89	31.06	31.00	30.24	30.75	30.28
Day	5	4				2	3	1	8	2	2	13

**T38 R31 S18 QQQ: DCA1**  
Obwell # 5005

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 130.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.0	23.6	22.8	23.1	24.0	23.8	23.9	24.4	23.4	23.9	21.9	23.6
High WL	19.1	21.0	19.8	21.2	23.5	22.1	20.1	20.6	19.0	20.5	20.0	18.2
Hi Yr	1986	1985	1984	1980	1984	1986	1987	1986	1986	1986	1986	1986
Low WL	27.8	26.4	26.1	24.6	25.0	25.7	31.7	28.0	26.1	26.0	23.9	26.6
Lo Yr	1988	1981	1981	1981	1981	1978	1990	1989	1981	1981	1983	1981
<u>WATER YEAR 90</u>												
Rdg	27.65						31.65					
Day	4						3					

**T38 R31 S23 QQQ: AAB2**  
Obwell # 5004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.8	5.3	5.5	5.6	6.3	6.4	5.5	5.0	5.1	5.0	5.6	5.7
High WL	2.8	2.9	3.7	4.9	5.1	3.4	3.4	2.6	3.4	2.4	2.8	3.1
Hi Yr	1986	1984	1984	1984	1983	1983	1979	1986	1979	1978	1986	1986
Low WL	7.8	8.0	8.1	6.9	8.0	8.4	7.7	7.4	7.4	8.0	8.0	7.5
Lo Yr	1988	1988	1988	1981	1977	1989	1988	1988	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	7.09	7.39				8.14	7.17	6.78	5.85	5.13	5.39	5.89
Day	5	4				2	3	1	8	2	6	13

Big Stone County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T121 R44 S27 QQQ: CCC1**  
Obwell # 6000Aquifer: QWTAQWTA  
Observer: USGSDepth: 22.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.3	7.3	7.0	7.4	8.1	7.8	6.7	6.7	5.7	6.5	7.1	7.3
High WL	4.1	6.0	4.5	5.4	7.2	6.9	5.1	4.8	2.2	5.3	4.4	4.9
Hi Yr	1986	1972	1986	1987	1973	1973	1987	1985	1986	1985	1986	1985
Low WL	8.7	8.4	8.4	8.9	9.0	8.4	7.9	8.3	7.7	8.0	8.4	8.5
Lo Yr	1976	1977	1981	1977	1977	1990	1983	1990	1977	1981	1976	1976
<u>WATER YEAR 90</u>					8.26	8.43		8.28				
Rdg					8	1		31				
Day												

**T122 R46 S11 QQQ: DDD**  
Obwell # 6008Aquifer: QBAAQBAA  
Observer: SWCDDepth: 246.5  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	27.0	26.9	26.9	27.6	27.6	26.7	26.9	26.7	27.0	27.3	27.3	27.4
High WL	25.7	25.3	25.4	27.4	27.4	24.9	25.4	25.1	25.4	25.4	25.6	25.7
Hi Yr	1987	1986	1986	1986	1986	1987	1987	1987	1987	1987	1987	1987
Low WL	28.3	28.1	27.8	27.8	27.8	27.8	28.0	28.1	28.1	28.6	28.7	28.9
Lo Yr	1984	1984	1984	1985	1985	1990	1990	1990	1990	1984	1984	1984
<u>WATER YEAR 90</u>						27.83	27.97	28.12	28.14	28.30	28.37	28.46
Rdg	27.65	27.62	27.79			30	27	31	28	27	29	28
Day	20	29	29									

**T124 R48 S17 QQQ: AAA1**  
Obwell # 6002Aquifer: QBAAQBAA  
Observer: USGSDepth: 282.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.8	14.3	15.4	14.8	14.3	13.9	14.9	13.6	14.5	19.2	17.5	15.8
High WL	11.9	9.9	13.8	12.1	9.9	9.8	10.9	13.0	10.9	14.6	13.3	14.1
Hi Yr	1987	1986	1980	1988	1987	1987	1979	1980	1987	1980	1986	1980
Low WL	18.1	16.8	18.0	17.0	17.8	15.9	17.3	14.7	16.8	22.1	21.8	17.3
Lo Yr	1983	1982	1983	1983	1984	1982	1984	1990	1984	1988	1982	1990
<u>WATER YEAR 90</u>					14.42		14.57				19.10	17.25
Rdg					4		28				23	12
Day												

**T124 R48 S31 QQQ: BBB1**  
Obwell # 6006Aquifer: QBAAQBAA  
Observer: SWCDDepth: 29.5  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.8	10.8	11.4	11.8	12.7	10.7	10.0	9.8	9.6	9.3	10.1	11.6
High WL	7.5	7.6	7.6	9.7	9.8	7.8	7.4	7.4	7.4	7.4	7.4	7.5
Hi Yr	1987	1987	1987	1985	1985	1988	1987	1987	1987	1987	1987	1987
Low WL	16.0	15.6	16.8	15.3	15.3	15.5	12.8	13.2	15.2	14.8	14.6	16.5
Lo Yr	1981	1983	1981	1984	1981	1981	1979	1978	1981	1990	1990	1977
<u>WATER YEAR 90</u>						8.94	8.96	9.00	9.03	14.75	14.59	14.61
Rdg	8.75	8.78	8.83			30	27	31	28	26	29	28
Day	20	29	29									

Big Stone County

DNR Region 4

SUMMARY FOR 1990 WATER YEAR

T124 R49 S2 QQQ: DDD1  
Obwell # 6007

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 21.5  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.1	10.2	10.6	11.4	11.4	9.8	8.9	9.1	9.0	9.1	9.5	10.3
High WL	6.5	6.7	6.9	11.0	11.1	6.7	6.7	6.6	5.6	6.5	7.0	7.0
Hi Yr	1986	1986	1986	1979	1985	1987	1986	1986	1986	1986	1986	1986
Low WL	12.2	13.4	13.4	12.4	12.4	12.3	10.6	10.7	10.7	10.2	10.4	12.3
Lo Yr	1983	1983	1983	1984	1984	1984	1985	1985	1985	1988	1980	1977
WATER YEAR 90						10.03	10.02	9.73	9.36	9.74	10.15	10.33
Rdg	9.48	9.57	9.90			30	27	31	28	26	29	28
Day	20	29	29									

Blue Earth County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T106 R28 S3 QQQ: DBA1**  
**Obwell # 7001**

Aquifer: CFRNCIGL  
 Observer: USGS

Depth: 390.0  
 Years of Record: 18

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	74.4	74.6	74.5	74.2	74.2	74.5	74.2	74.0	74.0	74.1	74.3	74.5
High WL	73.2	73.0	73.2	73.0	73.4	72.7	72.2	72.1	72.3	72.2	72.7	73.1
Hi Yr	1986	1986	1986	1987	1974	1983	1983	1983	1983	1984	1984	1983
Low WL	76.2	76.4	76.1	76.0	76.0	76.3	76.2	76.3	76.0	76.0	76.1	76.5
Lo Yr	1989	1989	1989	1979	1978	1990	1990	1990	1990	1989	1989	1989
<b>WATER YEAR 90</b>						76.33	76.21	76.35	75.95	75.66	75.54	75.39
Rdg	76.18	76.42	76.12			10	1	1	1	25	1	1
Day	5	1	1									

**T108 R25 S4 QQQ: BBC1**  
**Obwell # 7003**

Aquifer: OPDCOPDC  
 Observer: USGS

Depth: 313.0  
 Years of Record: 12

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	94.1	93.9	94.5	92.6	94.2	93.5	94.1	94.1	94.0	94.9	94.0	
High WL	93.0	92.6	93.2	92.6	93.2	92.6	92.7	92.7	92.9	92.5	94.8	92.7
Hi Yr	1984	1986	1985	1987	1986	1987	1986	1986	1987	1986	1989	1986
Low WL	95.3	94.8	95.2	92.6	95.2	94.5	95.5	95.5	94.9	95.6	95.1	95.5
Lo Yr	1981	1979	1981	1987	1982	1989	1990	1990	1980	1990	1979	1990
<b>WATER YEAR 90</b>		94.75		94.96				95.47		95.62		95.52
Rdg		8		10				23		25		26
Day												

Brown County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T108 R30 S9 QQQ: ADD1**  
Obwell # 8000

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 32.0  
Years of Record: 49

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.2	8.6	8.2	8.6	9.1	8.7	6.6	5.6	5.7	5.9	6.5	7.5
High WL	3.5	3.4	3.9	4.5	5.0	3.7	2.1	2.7	3.4	3.9	2.3	4.1
Hi Yr	1985	1970	1951	1949	1944	1982	1983	1951	1943	1947	1979	1990
Low WL	18.1	19.5	20.0	21.3	21.8	22.0	20.8	17.1	15.3	12.9	15.0	16.7
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1976	1976	1976
<u>WATER YEAR 90</u>												
Rdg	13.43	15.25	15.52	15.30	14.30	17.70	13.97	12.08	5.90	4.90	3.20	4.05
Day	10	1	5	11	8	6	10	4	9	3	1	1

**T108 R32 S16 QQQ: BBD**  
Obwell # 8005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.1							4.6				
High WL	3.2							3.3				
Hi Yr	1986							1986				
Low WL	7.5							7.0				
Lo Yr	1989							1990				
<u>WATER YEAR 90</u>												
Rdg	7.52							7.01				
Day	9							4				

**T108 R32 S29 QQQ: BBD**  
Obwell # 8006

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 67.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.3							15.1				
High WL	11.3							12.4				
Hi Yr	1986							1986				
Low WL	18.8							18.0				
Lo Yr	1988							1990				
<u>WATER YEAR 90</u>												
Rdg	18.69							18.02				
Day	9							4				

**T108 R33 S2 QQQ: ADB**  
Obwell # 8004

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 106.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.4							19.1				
High WL	14.6							14.9				
Hi Yr	1986							1986				
Low WL	35.2							25.3				
Lo Yr	1984							1985				
<u>WATER YEAR 90</u>												
Rdg	23.10							20.71				
Day	9							4				

Brown County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T108 R33 S28 QQQ: CAC**  
Obwell # 8008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 66.0  
Years of Record: 7

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.3						7.8					
High WL	4.4						4.9					
Hi Yr	1986						1986					
Low WL	11.9						11.0					
Lo Yr	1988						1990					
<u>WATER YEAR 90</u>												
Rdg	11.35						11.00					
Day	9						4					

**T108 R33 S29 QQQ: DDA**  
Obwell # 8010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 38.0  
Years of Record: 2

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.1	12.0	12.0			12.0	11.6	11.4	10.6	9.4	9.8	9.9
High WL	12.1	12.0	12.0			12.0	11.6	11.4	10.6	7.8	6.6	6.9
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
Low WL	12.1	12.0	12.0			12.0	11.6	11.4	10.6	11.0	13.1	12.8
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	12.08	12.00	12.03			11.97	11.55	11.40	10.60	7.80	6.64	6.92
Day	4	6	1			6	4	3	4	6	2	10

**T108 R34 S21 QQQ: BBCC**  
Obwell # 8009

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 131.7  
Years of Record: 3

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	0.4	0.9	0.8			0.6	-0.2	-0.8	-0.3	0.5	0.2	
High WL	-0.1	0.7	0.3			0.1	-0.4	-1.1	-0.5	-0.9	-1.1	-1.5
Hi Yr	1988	1988	1988			1989	1989	1990	1989	1990	1990	1990
Low WL	1.0	1.3	1.2			1.1	-0.6	0.2	0.8	1.3	1.1	
Lo Yr	1989	1989	1989			1990	1990	1989	1988	1989	1989	1988
<u>WATER YEAR 90</u>												
Rdg	0.97	1.25	1.23			1.10	0.03	-1.05	-0.45	-0.87	-1.10	-1.50
Day	4	6	1			6	4	3	4	6	2	10

**T109 R32 S8 QQQ: DCC**  
Obwell # 8007

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 175.0  
Years of Record: 7

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	53.2						51.4					
High WL	49.9						49.2					
Hi Yr	1986						1986					
Low WL	56.6						53.1					
Lo Yr	1988						1990					
<u>WATER YEAR 90</u>												
Rdg	55.67						53.13					
Day	9						4					

Brown County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T110 R32 S30 QQQ: DDB1**  
**Obwell # 8001**

Aquifer: QBAAQBA  
 Observer: USGS

Depth: 176.0  
 Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	61.5	59.6	57.0	55.4	55.5	54.7	53.5	53.2	52.4	58.4	63.9	67.1
High WL	54.7	54.2	51.2	48.7	47.7	48.2	46.8	47.2	47.3	51.2	52.2	57.7
Hi Yr	1984	1986	1986	1987	1987	1987	1987	1987	1987	1983	1990	1980
Low WL	68.4	66.9	67.5	62.6	62.4	61.3	60.4	60.0	60.5	71.1	114.1	117.2
Lo Yr	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1976	1976
<u>WATER YEAR 90</u>												
Rdg	60.80	60.70	58.70	57.70	57.10	56.10	55.90	56.70	55.70	62.70	52.20	66.20
Day	2	1	4	2	2	1	2	1	1	2	1	4

Carlton County

DNR Region 2

## SUMMARY FOR 1990 WATER YEAR

**T46 R19 S21 QQQ: CBB1**  
Obwell # 9005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 43.0  
Years of Record: 24

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.1	22.1	22.3	22.4	22.8	22.6	21.7	21.7	21.9	22.3	22.5	22.1
High WL	21.3	21.2	21.8	21.6	22.6	22.2	21.1	21.2	20.8	21.4	21.4	20.0
Hi Yr	1982	1968	1968	1969	1984	1987	1983	1982	1984	1986	1986	1986
Low WL	22.6	22.6	22.8	23.2	23.3	23.0	22.3	22.4	22.8	22.9	22.8	22.9
Lo Yr	1967	1989	1989	1981	1981	1981	1987	1987	1988	1988	1984	1984
<u>WATER YEAR 90</u>						22.51	22.15	21.82	21.92	22.11	22.56	20.95
Rdg	22.45	22.55	22.77			16	20	31	29	31	24	21
Day	20	27	22									

**T47 R17 S7 QQQ: AAB1**  
Obwell # 9030

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 33.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.8	9.6	9.8	10.2	10.7	10.4	9.3	9.5	9.6	9.7	9.8	9.5
High WL	6.6	7.2	7.7	9.7	9.9	8.4	8.3	7.6	7.7	7.7	7.3	6.0
Hi Yr	1986	1986	1986	1984	1984	1987	1986	1986	1986	1986	1986	1986
Low WL	12.5	10.8	11.0	11.2	11.4	11.6	10.9	11.0	10.8	10.8	11.0	10.8
Lo Yr	1977	1989	1989	1981	1981	1982	1981	1980	1980	1980	1980	1981
<u>WATER YEAR 90</u>						10.90	10.48	10.44	10.39	10.65	10.50	8.76
Rdg	10.68	10.76	10.97			16	20	31	29	31	30	21
Day	16	27	22									

**T48 R18 S21 QQQ: ACD1**  
Obwell # 9028

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.4	20.8	21.0	21.2	21.3	21.5	20.6	20.6	20.6	20.7	20.9	20.8
High WL	19.0	19.2	19.4	20.6	20.7	19.7	19.9	19.5	19.4	19.3	19.4	19.2
Hi Yr	1986	1986	1986	1984	1984	1987	1986	1986	1986	1986	1986	1986
Low WL	26.0	21.9	22.0	21.8	21.9	23.4	21.7	21.6	21.6	22.0	21.7	21.6
Lo Yr	1977	1989	1989	1978	1981	1982	1981	1981	1990	1988	1990	1981
<u>WATER YEAR 90</u>						22.05	21.53	21.50	21.56	21.65	21.74	21.26
Rdg	21.73	21.88	21.98			16	20	24	30	31	24	21
Day	20	27	22									

**T49 R17 S17 QQQ: ADD**  
Obwell # 9035

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.1	6.1	6.4			5.1	5.6	5.6	5.5	6.4	6.3	5.4
High WL	6.1	6.1	6.5			5.1	5.6	5.4	5.4	6.1	6.3	5.3
Hi Yr	1989	1989	1989			1990	1990	1989	1990	1990	1990	1990
Low WL	6.1	6.1	6.5			5.1	5.6	5.7	5.7	6.7	6.4	5.5
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>						5.14	5.56	5.67	5.42	6.06	6.27	5.34
Rdg	6.05	6.07	6.45			16	20	31	28	31	24	21
Day	20	27	22									

Cass County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T135 R32 S33 QQQ: CDD1**  
Obwell # 11003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 17

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.8	5.8	6.0	12.8	6.3	6.1	5.4	5.2	5.3	5.5	5.8	5.9
High WL	4.6	4.8	4.7	4.8	5.3	5.6	3.3	3.8	3.8	4.0	4.4	5.0
Hi Yr	1981	1982	1977	1978	1981	1983	1986	1986	1985	1983	1979	1985
Low WL	7.7	7.8	8.0	100.0	8.2	7.8	7.5	6.9	7.8	7.0	7.4	7.6
Lo Yr	1976	1976	1976	1980	1977	1977	1977	1977	1981	1988	1976	1976
<u>WATER YEAR 90</u>												
Rdg	6.26	6.49	6.52	6.49	6.53	6.15	5.64	5.30	5.27	5.30	5.53	5.71
Day	24	22	21	24	23	29	24	24	27	25	21	26

**T138 R32 S15 QQQ: AAA1**  
Obwell # 11005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 17

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.7	8.9	9.1	9.4	9.6	9.5	9.0	8.8	8.5	8.5	8.6	8.8
High WL	6.1	6.3	6.6	6.9	7.2	7.4	5.2	5.7	5.4	5.0	5.5	5.8
Hi Yr	1985	1985	1985	1986	1986	1979	1986	1979	1979	1985	1985	1985
Low WL	11.0	11.2	12.1	11.8	11.8	11.8	12.0	11.7	11.6	11.5	11.8	11.6
Lo Yr	1976	1988	1988	1989	1977	1977	1977	1977	1977	1977	1977	1990
<u>WATER YEAR 90</u>												
Rdg	10.61	10.50	11.38	11.38	11.49	11.26	11.09	11.00	10.86	11.02	11.44	11.56
Day	24	22	21	24	23	29	24	24	27	25	21	26

Chippewa County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T117 R39 S29 QQQ: AB**  
Obwell # 12008Aquifer:  
Observer: SWCDDepth: 0.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.2						3.9					
High WL	2.1						1.9					
Hi Yr	1986						1985					
Low WL	6.6						6.7					
Lo Yr	1989						1990					
<u>WATER YEAR 90</u>												
Rdg	6.63						6.72					
Day	17						26					

**T119 R37 S34 QQQ: AAB**  
Obwell # 12009Aquifer: QBAAQBAA  
Observer: SWCDDepth: 109.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.2	5.5	5.7			6.3	5.6	5.0	4.5	4.3	4.5	4.8
High WL	0.2	0.4	0.7			0.7	1.4	-0.3	-0.1	0.3	0.6	
Hi Yr	1986	1986	1986			1987	1986	1986	1986	1986	1986	1986
Low WL	8.9	9.0	9.3			10.0	10.0	9.6	8.1	8.1	8.4	8.4
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>							10.04	10.04	9.64	7.39	5.78	5.04
Rdg	8.86	9.04	9.28			19	26	17	25	18	22	4.52
Day	17	27	14									25

**T119 R41 S29 QQQ: DDD1**  
Obwell # 12004Aquifer: QWTAQWTA  
Observer: USGSDepth: 19.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.9	5.8	6.4	7.2	6.7	5.9	4.6	5.4	5.3	5.6	6.3	6.3
High WL	4.2	4.9	5.6	5.6	4.7	4.5	3.4	4.2	3.9	4.8	4.6	4.4
Hi Yr	1986	1985	1982	1973	1984	1979	1984	1973	1984	1979	1986	1985
Low WL	7.7	7.2	7.6	9.0	9.1	8.0	5.6	6.5	7.8	8.0	8.6	7.5
Lo Yr	1988	1980	1980	1977	1977	1990	1977	1977	1977	1988	1977	1977
<u>WATER YEAR 90</u>						7.85	7.98			4.20		
Rdg	6.25					8	1		20		5.40	
Day	30										8	

**T119 R42 S17 QQQ: DDD1**  
Obwell # 12005Aquifer: QWTAQWTA  
Observer: USGSDepth: 21.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.8	6.9	7.8	9.4	8.5	7.5	6.3	5.9	5.8	5.9	8.1	8.0
High WL	1.9	4.6	5.6	6.6	5.8	3.6	2.1	1.5	2.1	3.5	4.5	3.2
Hi Yr	1984	1972	1986	1980	1984	1973	1979	1973	1984	1979	1986	1985
Low WL	10.0	10.4	10.8	11.8	10.4	12.9	17.5	10.6	12.5	10.5	16.3	13.4
Lo Yr	1988	1980	1980	1981	1979	1990	1977	1977	1977	1988	1977	1977
<u>WATER YEAR 90</u>						11.55	12.87			3.30		
Rdg	9.64					9	1		20			
Day	30											

Chippewa County

DNR Region 4

SUMMARY FOR 1990 WATER YEAR

T119 R43 S1 QQQ: ACA  
Obwell # 12007

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 140.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	41.3						48.8					
High WL	25.8						46.5					
Hi Yr	1984						1987					
Low WL	50.5						51.5					
Lo Yr	1989						1989					
<u>WATER YEAR 90</u>							50.85					
Rdg	50.52						23					
Day	10											

Chisago County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T35 R19 S17 QQQ: BDB1**  
Obwell # 13006

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 270.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	42.7	42.0	41.9	42.4	43.5	43.4	43.3	42.7	42.2	44.0	42.2	42.3
High WL	40.1	41.0	40.4	40.6	43.1	42.7	42.7	41.2	40.2	41.7	40.2	41.5
Hi Yr	1986	1985	1986	1987	1982	1987	1984	1987	1986	1985	1986	1987
Low WL	43.6	43.4	42.9	43.6	44.0	44.1	44.0	43.6	44.2	47.0	43.7	42.8
Lo Yr	1982	1981	1983	1982	1981	1981	1982	1981	1983	1977	1980	1983
<u>WATER YEAR 90</u>												
Rdg	42.91							42.85			42.54	
Day	31							15			1	

**T35 R19 S17 QQQ: BAB2**  
Obwell # 13007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 110.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	53.1	52.7	52.6	54.0	53.7	53.2	53.4	52.8	52.7	52.7	52.6	52.5
High WL	50.2	50.2	50.3	53.4	52.4	51.1	51.9	51.3	50.4	48.9	49.9	50.1
Hi Yr	1986	1986	1986	1984	1985	1987	1986	1986	1986	1986	1986	1986
Low WL	53.8	55.8	54.0	54.6	54.2	54.4	54.3	54.1	54.1	55.0	53.7	53.7
Lo Yr	1989	1981	1989	1983	1981	1981	1981	1990	1990	1977	1988	1989
<u>WATER YEAR 90</u>												
Rdg	53.75		54.01	54.12	54.24	54.33	54.05	54.10	54.05	53.49	53.31	53.24
Day	3		7	5	5	5	2	7	1	2	2	4

**T35 R20 S3 QQQ: BDD**  
Obwell # 13009

Aquifer: QWTAQWTA  
Observer:

Depth: 29.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.4	11.7	12.4	14.6	14.9	13.4	13.4	12.4	12.2	12.1	12.0	12.0
High WL	8.1	8.9	9.3	14.6	15.0	11.6	11.1	9.2	8.4	9.2	9.3	9.1
Hi Yr	1985	1985	1985	1990	1990	1987	1986	1986	1986	1986	1986	1986
Low WL	14.2	14.5	14.5	14.6	15.0	15.0	14.7	14.5	13.9	13.4	13.8	13.9
Lo Yr	1988	1988	1988	1990	1990	1990	1990	1990	1990	1989	1989	1988
<u>WATER YEAR 90</u>												
Rdg	13.86		14.34	14.61	14.95	15.03	14.71	14.45	13.86	11.91	11.95	11.38
Day	3		7	5	5	5	2	7	1	2	2	4

**T35 R20 S31 QQQ: DAB**  
Obwell # 13008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 24.5  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.8	7.7	8.2	10.4	10.4	9.1	9.1	8.6	8.6	8.6	8.6	8.4
High WL	4.6	4.8	5.0	10.4	10.4	7.8	7.3	6.6	6.4	6.6	6.8	6.7
Hi Yr	1985	1985	1985	1990	1990	1987	1986	1986	1986	1986	1986	1986
Low WL	10.0	9.9	10.2	10.4	10.4	10.5	10.2	10.0	9.6	9.7	10.1	9.9
Lo Yr	1989	1988	1989	1990	1990	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	10.01		10.20	10.35	10.43	10.50	10.18	9.96	9.61	8.98	8.70	7.73
Day	2		7	5	5	5	2	7	1	2	2	4

## SUMMARY FOR 1990 WATER YEAR

**T35 R21 S26 QQQ: BCC1**  
**Obwell # 13002**

Aquifer: QWTAQWTA  
 Observer: USGS

Depth: 26.0  
 Years of Record: 23

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.7	13.3	14.0	13.9	14.4	14.6	14.3	13.7	13.3	13.5	13.7	14.0
High WL	10.1	9.9	10.9	10.6	12.8	12.9	12.0	11.6	10.5	10.4	11.7	12.0
Hi Yr	1985	1977	1985	1972	1969	1976	1976	1986	1986	1975	1986	1986
Low WL	16.5	16.5	16.4	16.6	16.8	16.9	16.5	16.3	15.9	15.7	15.9	16.3
Lo Yr	1988	1988	1988	1990	1990	1990	1990	1990	1990	1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg	15.95		16.30	16.55	16.80	16.90	16.53	16.34	15.90	14.38	14.10	13.13
Day	2		7	5	5	5	2	7	1	2	2	4

Clay County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T137 R45 S17** QQQ: **CAB**  
Obwell # **14035**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 296.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	1.6					2.3	1.3	2.4	1.3	28.3	11.3	2.0
High WL	-0.7					1.6	-1.3	2.4		1.4	5.6	2.0
Hi Yr	1986					1984	1986	1984	1984	1983	1983	1983
Low WL	3.9					2.9	2.8	2.4	2.5	55.1	16.9	2.0
Lo Yr	1989					1983	1983	1984	1989	1984	1982	1983
<u>WATER YEAR 90</u>									1.00			
Rdg	3.90								12			
Day	24											

**T137 R45 S30** QQQ: **CDB1**  
Obwell # **14000**

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 73.0  
Years of Record: 42

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.8	7.8	7.8	7.8	7.9	8.0	7.6	7.2	7.0	7.2	7.5	7.7
High WL	5.1	5.2	5.2	5.4	5.4	5.7	5.0	4.3	3.2	2.9	3.8	4.5
Hi Yr	1962	1957	1958	1963	1963	1963	1956	1964	1962	1962	1962	1962
Low WL	10.8	10.8	10.6	11.9	11.7	11.7	11.2	10.6	10.5	10.7	10.6	10.8
Lo Yr	1969	1969	1969	1970	1970	1970	1970	1970	1969	1969	1969	1970
<u>WATER YEAR 90</u>	7.87	7.95	8.10	8.35	8.40	8.50	8.30	8.00	7.60	7.66	8.30	8.80
Rdg	6	3	1	5	2	23	6	4	29	6	3	7
Day												

**T137 R46 S13** QQQ: **BAA**  
Obwell # **14045**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 64.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	-2.4	-2.7	-2.7			-3.0	-2.9	-2.3	-1.6		2.0	-0.9
High WL	3.5	-3.6	-3.6			-3.6	-4.0	-3.8	-3.1	-2.0	-0.6	-2.7
Hi Yr	1986	1985	1985			1986	1986	1986	1990	1990	1985	1986
Low WL	-1.3	-1.6	-1.6			-2.6	-2.2		1.3	2.2	5.7	1.4
Lo Yr	1989	1988	1988			1989	1987	1987	1987	1988	1990	1990
<u>WATER YEAR 90</u>	-1.30	-2.10	-2.10			-2.80	-2.80	-3.00	-3.10	-2.00	5.70	1.40
Rdg	24	28	27			27	12	14	12	12	14	13
Day												

**T137 R47 S13** QQQ: **CBD**  
Obwell # **14037**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 216.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.1	6.5	5.9			5.0	2.5	1.8	3.6	7.4	3.4	3.5
High WL	1.2	6.5	5.9			5.0	0.2	1.8	1.0	4.4	3.4	3.5
Hi Yr	1986	1982	1982			1983	1984	1984	1984	1983	1983	1983
Low WL	11.5	6.5	5.9			5.0	4.9	1.8	5.0	9.9	3.4	3.5
Lo Yr	1988	1982	1982			1983	1983	1984	1990	1984	1983	1983
<u>WATER YEAR 90</u>	5.60								5.00			
Rdg	24								12			
Day												

Clay County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T138 R46 S14**   QQQ: ADD  
**Obwell # 14044**

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 277.0  
 Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.4						16.3		25.5			
High WL	20.5						7.7		23.6			
Hi Yr	1986						1986		1990			
Low WL	28.6						24.9		27.5			
Lo Yr	1989						1988		1987			
<u>WATER YEAR 90</u>												
Rdg	28.60								23.60			
Day	24								12			

**T139 R46 S10**   QQQ: ACA  
**Obwell # 14046**

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 35.0  
 Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.8	9.0	9.2			7.9	6.2	5.6	6.5	6.8	8.4	9.0
High WL	5.9	6.3	6.3			4.2	2.4	2.4	3.4	3.6	5.1	5.7
Hi Yr	1985	1985	1986			1987	1988	1988	1986	1985	1985	1985
Low WL	11.8	12.0	12.1			12.4	11.0	9.5	8.8	10.3	11.1	11.6
Lo Yr	1988	1988	1988			1989	1989	1989	1988	1988	1988	1988
<u>WATER YEAR 90</u>							10.40	9.90	7.10	5.60	6.50	9.50
Rdg	10.20	10.80	10.90			27	12	14	12	12	14	11.00
Day	24	28	27									13

**T139 R47 S5**   QQQ: CDC1  
**Obwell # 14001**

Aquifer: QWTQWT  
 Observer: USGS

Depth: 131.0  
 Years of Record: 44

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.6	25.8	25.8	25.9	25.4	25.9	25.8	25.4	26.1	25.5	26.9	25.9
High WL	12.9	13.0	13.2	13.2	13.4	13.9	14.9	12.6	12.7	12.6	12.8	12.6
Hi Yr	1947	1947	1947	1947	1947	1947	1947	1948	1948	1947	1948	1947
Low WL	30.3	31.8	31.8	32.0	31.7	31.3	31.3	30.6	31.7	31.2	32.9	32.5
Lo Yr	1989	1988	1989	1990	1990	1990	1990	1989	1988	1990	1988	1988
<u>WATER YEAR 90</u>												
Rdg	30.26	31.20	31.80	32.00	31.66	31.34	31.32	30.52	30.84	31.18	31.86	32.44
Day	25	1	1	1	1	1	1	1	1	1	1	1

**T139 R47 S6**   QQQ: AAA1  
**Obwell # 14005**

Aquifer: QBAAQBA  
 Observer: USGS

Depth: 103.0  
 Years of Record: 42

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.2	25.2	25.3	25.4	24.9	25.3	25.2	25.5	24.8	24.6	25.8	25.1
High WL	17.8	18.1	19.4	19.4	19.9	19.1	19.2	19.2	15.3	16.9	17.2	17.2
Hi Yr	1949	1949	1950	1951	1950	1950	1950	1950	1956	1949	1949	1949
Low WL	28.9	30.3	28.8	30.0	28.7	30.2	28.8	31.5	29.2	29.0	32.1	30.4
Lo Yr	1982	1988	1982	1989	1986	1990	1988	1990	1988	1985	1990	1988
<u>WATER YEAR 90</u>												
Rdg	27.87				28.75			30.18			32.08	
Day	26				3			22			28	

## Clay County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T139 R48 S11 QQQ: ABA1**  
Obwell # **14003**

Aquifer: QBAAQBA  
Observer: USGS

Depth: 155.0  
Years of Record: 26

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	114.6	114.0	116.6	116.2	112.8	112.3	119.0	114.7	115.6	115.8	119.0	114.2
High WL	103.4	103.3	102.4	102.3	102.6	103.2	103.1	102.9	102.8	104.5	104.8	103.6
Hi Yr	1966	1965	1965	1966	1966	1966	1965	1965	1965	1965	1965	1966
Low WL	126.7	129.6	153.1	127.7	125.1	126.0	170.1	128.2	129.6	131.2	130.7	127.1
Lo Yr	1985	1984	1976	1977	1988	1984	1976	1985	1987	1985	1984	1988
<b>WATER YEAR 90</b>												
Rdg	118.97				122.58		122.88		124.67			127.95
Day	26				3		22		30			28

**T140 R45 S4 QQQ: DDD**  
Obwell # **14038**

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.4	10.5	10.3			9.0	8.4	7.9	9.3	9.6	10.5	10.8
High WL	6.6	6.3	6.3			2.9	3.4	3.3	3.6	4.5	5.4	5.5
Hi Yr	1986	1986	1986			1987	1986	1985	1985	1985	1985	1986
Low WL	16.3	15.3	13.8			14.6	14.5	13.8	15.5	15.1	15.3	15.7
Lo Yr	1982	1982	1982			1983	1983	1989	1983	1982	1982	1982
<b>WATER YEAR 90</b>												
Rdg	10.00	10.20	10.20			10.70	10.40	10.10	10.00	10.60	11.70	13.40
Day	24	28	27			27	12	14	12	12	14	13

**T141 R45 S27 QQQ: ADD**  
Obwell # **14039**

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.5	11.5	11.7			12.1	11.1	10.0	10.3	11.2	11.9	11.9
High WL	8.8	8.6	8.6			9.5	5.7	6.4	7.5	7.8	8.6	8.5
Hi Yr	1986	1986	1986			1987	1986	1986	1985	1986	1986	1986
Low WL	15.0	14.5	14.4			14.7	14.4	13.2	14.3	15.2	15.4	15.0
Lo Yr	1982	1982	1982			1983	1983	1989	1983	1982	1982	1982
<b>WATER YEAR 90</b>												
Rdg	10.90	11.00	11.10			12.40	11.90	10.80	10.30	10.90	11.90	13.00
Day	24	28	27			27	12	14	12	12	14	13

**T141 R45 S29 QQQ: BBA**  
Obwell # **14040**

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	57.5	58.0				55.4	54.7	56.3			63.8	60.2
High WL	52.0	58.0				51.7	52.5	56.3			62.1	59.8
Hi Yr	1986	1982				1986	1988	1984			1983	1982
Low WL	65.0	58.1				58.3	56.5	56.4			65.4	60.6
Lo Yr	1989	1984				1985	1983	1983			1982	1983
<b>WATER YEAR 90</b>												
Rdg	65.00											
Day	24											

Clay County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T141 R45 S32** QQQ: ADD  
Obwell # 14041

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 68.0  
Years of Record: 9

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	36.7	36.1	37.0			36.9	36.0	35.4	35.4	35.9	36.3	37.0
High WL	33.3	33.3	33.3			33.9	29.8	31.9	32.0	32.5	33.2	33.0
Hi Yr	1986	1986	1986			1987	1986	1986	1986	1986	1986	1986
Low WL	38.9	38.9	39.0			38.9	38.8	38.0	38.5	38.8	39.2	39.3
Lo Yr	1989	1989	1989			1983	1983	1990	1983	1982	1982	1982
<u>WATER YEAR 90</u>						38.90	38.40	38.00	37.40	37.80	37.80	39.10
Rdg	38.90	39.00				27	12	14	12	12	14	13
Day	28	27										

**T141 R45 S33** QQQ: DAD  
Obwell # 14043

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.2	6.3	6.5			6.5	5.7	5.5	5.6	6.6	7.2	6.9
High WL	3.9	3.9	4.2			5.2	2.2	3.0	3.6	5.3	5.3	5.2
Hi Yr	1984	1984	1984			1987	1986	1985	1985	1985	1985	1986
Low WL	8.8	8.8	9.0			8.0	7.5	7.2	7.5	8.0	8.6	8.8
Lo Yr	1988	1988	1988			1990	1990	1989	1989	1988	1988	1988
<u>WATER YEAR 90</u>						8.00	7.50	6.50	5.70	7.00	7.90	8.50
Rdg	6.70	6.90	7.00			27	12	14	12	12	14	13
Day	24	28	27									

**T142 R45 S25** QQQ: CDC  
Obwell # 14047

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 112.0  
Years of Record: 6

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.5	3.5	3.5			2.8	2.5	2.4	2.7	3.0	3.8	3.5
High WL	2.2	1.8	1.6			1.6	0.7	0.9	1.8	1.8	2.0	1.3
Hi Yr	1986	1986	1986			1986	1986	1986	1986	1985	1985	1986
Low WL	5.0	5.0	4.8			4.4	4.2	3.7	3.6	4.8	5.1	5.0
Lo Yr	1988	1988	1988			1989	1989	1989	1988	1988	1988	1988
<u>WATER YEAR 90</u>						3.40	2.70	2.00	1.80	2.60	4.00	4.80
Rdg	3.70	3.80	3.80			27	12	14	4	12	14	13
Day	24	28	27									

## Clearwater County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T146 R37 S36 QQQ: DAC**  
Obwell # 15001

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 138.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.0	8.0	8.8			8.1	8.2	7.2	7.8	10.2	10.3	8.6
High WL	6.9	7.0	7.2			4.8	6.1	6.5	6.0	10.2	10.3	7.2
Hi Yr	1986	1986	1986			1986	1986	1986	1986	1990	1990	1986
Low WL	9.2	9.4	10.1			10.2	10.0	8.3	10.1	10.2	10.3	10.5
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<b>WATER YEAR 90</b>	<b>Rdg</b>	<b>9.23</b>	<b>9.45</b>	<b>10.13</b>		<b>10.23</b>	<b>10.02</b>	<b>8.33</b>	<b>10.13</b>	<b>10.19</b>	<b>10.27</b>	<b>10.48</b>
	<b>Day</b>	<b>30</b>	<b>30</b>	<b>29</b>		<b>28</b>	<b>29</b>	<b>31</b>	<b>25</b>	<b>5</b>	<b>25</b>	<b>19</b>

**T146 R38 S5 QQQ: BAB**  
Obwell # 15002

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 154.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.4	4.5	4.1			4.3	4.3	3.8	4.4	4.6	4.6	4.4
High WL	3.8	4.0	2.7			3.3	3.2	3.3	3.4	4.6	4.6	3.3
Hi Yr	1989	1989	1986			1989	1989	1989	1989	1990	1990	1989
Low WL	5.0	4.8	4.9			4.8	4.8	4.1	5.3	4.6	4.6	4.8
Lo Yr	1986	1988	1988			1987	1986	1986	1986	1990	1990	1990
<b>WATER YEAR 90</b>	<b>Rdg</b>	<b>3.78</b>	<b>4.04</b>	<b>4.53</b>		<b>4.67</b>	<b>4.53</b>	<b>4.07</b>	<b>4.47</b>	<b>4.56</b>	<b>4.61</b>	<b>4.83</b>
	<b>Day</b>	<b>30</b>	<b>30</b>	<b>29</b>		<b>28</b>	<b>29</b>	<b>31</b>	<b>25</b>	<b>5</b>	<b>29</b>	<b>19</b>

**T147 R37 S5 QQQ: CCC**  
Obwell # 15005

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.9	14.2	14.2			14.1	7.8	8.0	9.1	11.7	11.8	12.4
High WL	12.9	14.2	14.2			14.1	2.4	5.0	6.7	11.7	11.8	11.3
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1990	1990	1989
Low WL	12.9	14.2	14.2			14.1	13.2	11.0	11.5	11.7	11.8	13.5
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<b>WATER YEAR 90</b>	<b>Rdg</b>	<b>12.93</b>	<b>14.19</b>	<b>14.17</b>		<b>14.13</b>	<b>13.18</b>	<b>10.98</b>	<b>11.51</b>	<b>11.67</b>	<b>11.75</b>	<b>13.47</b>
	<b>Day</b>	<b>30</b>	<b>30</b>	<b>29</b>		<b>28</b>	<b>29</b>	<b>31</b>	<b>25</b>	<b>5</b>	<b>29</b>	<b>19</b>

**T147 R37 S22 QQQ: CDD**  
Obwell # 15003

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	1.3	1.4	1.4				1.1	0.7	1.3	1.0	1.1	1.1
High WL	1.3	1.4	1.4				0.7	0.6	0.9	1.0	1.1	1.0
Hi Yr	1989	1989	1989				1989	1989	1990	1990	1990	1990
Low WL	1.3	1.4	1.4				1.6	0.9	1.7	1.0	1.1	1.2
Lo Yr	1989	1989	1989				1990	1990	1989	1990	1990	1989
<b>WATER YEAR 90</b>	<b>Rdg</b>	<b>1.29</b>	<b>1.44</b>	<b>1.44</b>			<b>1.55</b>	<b>0.87</b>	<b>0.85</b>	<b>1.03</b>	<b>1.13</b>	<b>1.02</b>
	<b>Day</b>	<b>30</b>	<b>30</b>	<b>29</b>			<b>29</b>	<b>31</b>	<b>25</b>	<b>5</b>	<b>29</b>	<b>19</b>

Clearwater County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T148 R36 S33 QQQ: BCB**  
**Obwell # 15004**

Aquifer:  
 Observer: SWCD

Depth: 0.0  
 Years of Record: 2

<b>MONTHLY WATER LEVEL SUMMARY</b>												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	14.4	15.2	15.2			15.4	14.1	13.3	13.4	14.3	14.4	14.4
High WL	14.5	15.2	15.2			15.4	13.4	12.5	12.7	14.3	14.4	14.0
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1990	1990	1989
Low WL	14.5	15.2	15.2			15.4	14.8	14.2	14.1	14.3	14.4	14.7
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<b>WATER YEAR 90</b>												
Rdg	14.45	15.17	15.19			15.44	14.77	14.15	14.11	14.27	14.44	14.69
Day	30	30	29			28	29	31	25	5	29	19

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## SUMMARY FOR 1990 WATER YEAR

**T105 R38 S20 QQQ: BAA**  
**Obwell # 17004**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 12.0  
 Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.7	8.8	9.0	8.9	9.1	8.8	7.8	7.7	7.9	7.5	8.1	8.7
High WL	6.0	6.8	7.4	8.0	8.5	7.5	5.6	5.9	6.6	0.6	5.5	7.5
Hi Yr	1986	1986	1986	1980	1983	1983	1984	1986	1986	1988	1988	1979
Low WL	9.8	10.4	10.7	9.9	9.9	10.1	10.0	9.5	9.7	9.8	9.0	9.8
Lo Yr	1981	1989	1980	1982	1979	1989	1990	1981	1981	1981	1980	1981
<u>WATER YEAR 90</u>												
Rdg	9.42	10.41	10.42			9.87	10.03	8.85	8.14	8.35	8.61	8.79
Day	16	15	15			20	16	15	13	16	15	15

**T105 R38 S20 QQQ: BAAA**  
**Obwell # 17006**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 58.0  
 Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.8	6.6	6.5			6.5	5.9	5.5	6.2	6.7	7.5	7.5
High WL	6.0	6.0	5.9			5.9	5.5	4.5	6.0	6.5	7.2	7.0
Hi Yr	1988	1988	1988			1989	1989	1988	1989	1989	1988	1988
Low WL	7.7	7.3	7.0			7.1	6.4	6.4	6.4	6.8	7.7	7.9
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1989
<u>WATER YEAR 90</u>												
Rdg	7.70	7.26	7.04			7.06	6.43	6.37	6.40	6.77	7.72	7.75
Day	16	15	15			20	20	15	13	16	15	15

Crow Wing County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T135 R28 S16 QQQ: CCD1**  
**Obwell # 18000**

Aquifer: QWTAQWTA  
 Observer: USGS

Depth: 18.0  
 Years of Record: 21

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.8	9.7	9.8	9.8	9.8	9.9	9.7	9.3	9.4	9.5	9.6	9.8
High WL	7.4	7.8	8.1	8.3	8.0	8.3	8.3	7.2	7.9	8.2	8.1	8.0
Hi Yr	1986	1986	1986	1982	1982	1982	1982	1982	1986	1986	1986	1986
Low WL	11.4	11.2	11.2	11.2	11.4	11.4	11.0	10.7	10.8	10.9	10.7	11.1
Lo Yr	1970	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1976
<u>WATER YEAR 90</u>						10.30	9.80	9.78	9.50	9.50		10.00
Rdg	9.86					6	4	3	2	11		5
Day	2											

Dakota County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T27 R23 S9 QQQ: ABD1**  
Obwell # 19030

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 505.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	149.8	153.8	152.3	153.2	151.4	153.7	151.8	156.4	154.5	160.8	157.0	159.3
High WL	148.7	145.5	146.6	145.5	146.1	147.2	145.6	145.9	148.1	151.9	147.3	149.0
Hi Yr	1980	1980	1979	1980	1979	1981	1979	1979	1979	1981	1980	1979
Low WL	150.9	164.2	160.0	164.6	164.8	164.2	161.7	167.5	167.4	169.9	171.4	168.6
Lo Yr	1978	1989	1986	1990	1990	1988	1987	1989	1987	1990	1988	1989
<u>WATER YEAR 90</u>												
Rdg		164.19		164.62	164.82			160.83		169.94		165.10
Day		3		5	28			1		17		18

**T28 R22 S19 QQQ: DCC2**  
Obwell # 19005

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 539.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	315.1	313.5	313.4	313.1	313.1	312.8	312.7	314.7	317.4	319.3	319.7	317.3
High WL	312.4	310.4	310.5	310.6	310.8	310.4	309.9	311.1	312.6	313.1	315.1	314.7
Hi Yr	1987	1971	1987	1988	1990	1983	1988	1989	1989	1983	1990	1985
Low WL	318.7	316.3	315.9	315.2	316.0	315.7	315.0	318.2	323.1	323.0	324.8	320.4
Lo Yr	1976	1977	1977	1977	1977	1977	1974	1980	1987	1988	1982	1987
<u>WATER YEAR 90</u>												
Rdg	316.26	312.92	311.70	310.62	310.84	310.89	310.52	312.21	313.83	315.99	315.07	318.52
Day	1	1	1	1	1	1	1	1	1	1	1	1

**T112 R18 S6 QQQ: ADB**  
Obwell # 19060

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 360.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	18.2	17.9	17.9			17.6	16.7	17.4			25.2	19.0
High WL	9.5	8.8	9.4			12.3	12.9	13.9			25.2	10.1
Hi Yr	1986	1986	1986			1987	1987	1987			1988	1986
Low WL	25.7	22.9	22.1			22.3	22.1	21.9			25.2	23.4
Lo Yr	1989	1989	1989			1990	1990	1990			1988	1988
<u>WATER YEAR 90</u>						22.25	22.09	21.89				
Rdg	25.69	22.94	22.05			30	30	22				20.68
Day	24	20	29									27

**T112 R18 S8 QQQ: ABA1**  
Obwell # 19006

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 44.5  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.1	21.4	19.6	21.8	21.8	21.5	21.3	21.3	22.2	20.4	21.8	20.7
High WL	20.1	19.9	18.3	20.0	20.1	19.5	20.0	18.1	20.8	18.3	21.2	19.0
Hi Yr	1979	1982	1986	1983	1987	1983	1984	1983	1980	1983	1989	1986
Low WL	22.8	23.2	20.9	23.5	23.8	23.2	22.5	23.0	23.0	23.0	22.9	23.0
Lo Yr	1978	1978	1979	1979	1979	1978	1977	1978	1978	1987	1977	1977
<u>WATER YEAR 90</u>												
Rdg		21.48		22.11	22.34			21.42		19.15		19.79
Day		1		18	27			2		18		13

Dakota County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T112 R18 S8 QQQ: BBC1**  
Obwell # 19007

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 150.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.2	15.6	14.9	15.2	15.0	14.2	14.5	13.9	15.3	15.3	16.8	14.6
High WL	13.3	13.1	11.5	12.6	12.0	12.2	12.0	10.5	13.1	11.6	15.0	12.0
Hi Yr	1984	1983	1986	1984	1987	1983	1979	1983	1978	1986	1975	1986
Low WL	17.5	17.9	17.3	18.0	18.3	17.1	17.6	18.8	18.3	19.7	19.7	19.5
Lo Yr	1976	1976	1974	1977	1977	1975	1977	1977	1977	1976	1977	1977
<b>WATER YEAR 90</b>												
Rdg		16.10		16.34	16.33			15.42		15.44		14.43
Day		1		18	27			2		18		13

**T112 R19 S11 QQQ: BBD**  
Obwell # 19059

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 364.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.3	10.0	10.1			9.6	9.1	8.8	9.7			10.9
High WL	6.6	6.3	6.9			8.2	8.1	7.3	9.7			8.1
Hi Yr	1986	1986	1986			1985	1986	1986	1989			1986
Low WL	12.9	11.7	11.9			11.0	10.2	9.6	9.7			13.2
Lo Yr	1985	1985	1985			1990	1990	1989	1989			1985
<b>WATER YEAR 90</b>												
Rdg	11.00	10.90	11.03			11.03	10.24	9.19				9.95
Day	27	14	29			5	25	23				27

**T112 R19 S30 QQQ: DBD1**  
Obwell # 19043

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 275.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	-8.7	-3.3	-7.8	-4.7	-11.7	-3.5	-4.3	-4.9		-5.9	-3.8	-6.0
High WL	-12.5	-11.3	-15.6	-12.4	-13.8	-13.3	-8.5	-15.0		-15.0	-7.7	-14.1
Hi Yr	1984	1985	1986	1985	1987	1987	1989	1984	1980	1984	1989	1986
Low WL	10.1		9.9		-8.0	9.7		17.2		18.5		11.1
Lo Yr	1982	1981	1979	1981	1990	1981	1980	1983	1980	1983	1980	1981
<b>WATER YEAR 90</b>												
Rdg		-8.50		-8.39	-8.04			-7.12		-8.96		-7.81
Day		1		9	27			2		18		25

**T113 R17 S33 QQQ: BCC**  
Obwell # 19062

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 395.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	57.7	58.2	55.1			58.8	56.5	59.1				58.8
High WL	50.5	49.7	43.1			51.9	50.0	54.4				52.6
Hi Yr	1986	1986	1985			1987	1985	1987				1986
Low WL	64.2	64.4	64.2			64.8	62.6	65.3				64.0
Lo Yr	1989	1989	1989			1990	1989	1990				1989
<b>WATER YEAR 90</b>	64.20	64.43	64.22			64.83		65.35				60.06
Rdg	24	21	28			29		22				27

Dakota County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T113 R18 S7 QQQ: BAC1**  
Obwell # 19046

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 325.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.8	30.2	28.1	29.3	28.4	28.9	28.6	28.9	30.8	28.0	31.6	28.9
High WL	25.6	26.8	23.2	25.6	24.0	24.4	25.7	25.2	30.4	24.9	31.2	24.2
Hi Yr	1984	1983	1986	1985	1987	1987	1985	1987	1980	1986	1979	1986
Low WL	31.0	32.1	31.4	32.4	32.2	32.3	32.0	32.2	31.1	32.1	32.4	32.0
Lo Yr	1980	1990	1980	1982	1990	1982	1979	1979	1989	1981	1989	1989
<u>WATER YEAR 90</u>												
Rdg		32.12		32.30	32.15				31.05	30.18		30.75
Day		1		18	27				13	18		13

**T113 R19 S2 QQQ: BCA**  
Obwell # 19064

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 190.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.5	26.2	25.9			25.9	25.2	25.5				26.3
High WL	22.5	22.5	22.6			23.7	23.8	23.9				23.1
Hi Yr	1986	1986	1986			1985	1985	1986				1986
Low WL	28.1	30.3	28.3			28.0	27.8	27.3				30.0
Lo Yr	1988	1988	1989			1990	1990	1989				1988
<u>WATER YEAR 90</u>						28.00	27.75	26.94				26.12
Rdg	28.04	28.05	28.28			28	27.5	26.94				25
Day	25	28	29			28	30	31				

**T114 R16 S7 QQQ: BDB**  
Obwell # 19061

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 300.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	104.7	98.9	102.7			100.0	99.4	100.0				103.9
High WL	93.7	92.4	91.3			92.5	93.4	94.2				95.0
Hi Yr	1986	1986	1986			1987	1987	1987				1986
Low WL	122.0	104.2	116.3			104.2	102.8	103.9				116.9
Lo Yr	1985	1989	1985			1990	1990	1990				1985
<u>WATER YEAR 90</u>						104.16	102.82	103.90				103.48
Rdg	104.42	104.17	104.09			29	30	31				25
Day	24	21	28									

**T114 R17 S10 QQQ: AAA1**  
Obwell # 19008

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 151.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	101.4	101.4	101.3	101.6	101.1	101.4	100.8	100.8	100.9	100.7	101.0	101.2
High WL	96.2	95.7	95.6	95.0	95.5	95.1	94.8	94.9	95.1	96.0	96.4	96.2
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1987	1987	1987	1987	1987
Low WL	106.5	106.7	106.8	107.0	105.2	107.3	107.2	107.0	107.0	106.3	106.1	106.2
Lo Yr	1977	1977	1977	1978	1983	1978	1978	1978	1978	1977	1977	1977
<u>WATER YEAR 90</u>						102.28	102.25	101.98	102.34	102.17	102.10	101.62
Rdg	101.16	101.77	101.77	102.05	102.05	1	1	1	1	1	1	1
Day	1	1	1	1								

Dakota County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T114 R17 S16 QQQ: CBB1**  
Obwell # 19018

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 170.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	81.4	82.0	81.2	81.3	79.9	80.9	80.5	81.2	84.0	80.2	83.8	81.7
High WL	74.6	78.9	74.6	74.7	73.5	73.3	77.0	73.7	81.3	75.2	81.8	74.9
Hi Yr	1987	1985	1986	1988	1987	1987	1985	1987	1980	1987	1989	1987
Low WL	87.0	85.6	87.1	87.2	82.4	87.4	82.4	87.5	87.7	86.2	86.6	87.0
Lo Yr	1977	1982	1977	1978	1979	1978	1979	1978	1978	1978	1977	1977
<b>WATER YEAR 90</b>												
Rdg	81.83			81.82	82.06		82.06			82.62		83.60
Day	1			4	27		27			18		13

**T114 R17 S33 QQQ: BBC1**  
Obwell # 19029

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 290.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	64.8	66.9	63.6	64.2	62.1	63.5	63.4	63.2	69.6	66.7	72.8	65.3
High WL	51.6	60.6	46.1	52.9	47.2	48.4	55.5	50.2	65.6	54.2	69.4	50.6
Hi Yr	1987	1983	1986	1988	1987	1987	1985	1987	1980	1987	1979	1986
Low WL	77.2	73.0	77.0	77.1	69.2	77.1	69.1	77.0	77.3	79.2	78.5	77.8
Lo Yr	1977	1982	1977	1978	1979	1978	1979	1978	1978	1985	1977	1977
<b>WATER YEAR 90</b>												
Rdg	66.63	68.55		68.16	68.66	68.34	68.34					68.73
Day	19	1		4	27	15	27					13

**T114 R18 S17 QQQ: AAB1**  
Obwell # 19050

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 280.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	66.0	69.7	64.3	67.2	65.9	65.6	64.1	67.2	67.3	69.4	70.8	68.6
High WL	61.1	66.0	57.3	62.3	58.8	59.9	61.6	62.1	65.8	66.1	70.2	59.2
Hi Yr	1987	1983	1986	1988	1987	1987	1985	1987	1979	1986	1979	1986
Low WL	70.8	73.7	68.4	71.0	70.2	71.0	66.8	70.2	68.8	71.6	71.3	74.2
Lo Yr	1980	1988	1980	1982	1990	1982	1980	1989	1980	1981	1980	1988
<b>WATER YEAR 90</b>												
Rdg	70.20				70.23			69.55		70.55		71.42
Day	1				27			2		18		13

**T114 R18 S35 QQQ: CCB1**  
Obwell # 19051

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 203.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	27.6	32.2	27.2	29.7	28.0	28.6	28.2	29.0	31.9	26.6	35.1	29.8
High WL	22.3	27.0	16.8	21.9	18.4	19.6	22.4	21.4	31.1	19.9	33.4	18.9
Hi Yr	1984	1985	1986	1985	1987	1987	1985	1987	1979	1986	1979	1986
Low WL	34.4	37.4	33.5	35.9	33.9	36.0	33.5	34.3	32.6	35.8	36.3	38.3
Lo Yr	1980	1982	1980	1982	1990	1982	1990	1981	1980	1981	1989	1982
<b>WATER YEAR 90</b>												
Rdg	33.88			33.46	33.90		33.48			30.78		33.88
Day	1			4	27		27			18		13

Dakota County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T114 R19 S4 QQQ: DAC1**  
Obwell # 19017

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 415.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	62.6	61.9	62.2	61.7	62.0	61.3	62.2	61.8	61.3	61.3	63.0	61.0
High WL	56.2	58.1	55.4	56.6	55.6	55.5	57.8	57.0	56.3	56.8	59.4	56.0
Hi Yr	1987	1985	1986	1988	1987	1987	1985	1988	1987	1987	1989	1987
Low WL	64.9	65.2	64.7	64.9	65.0	65.1	64.4	64.9	65.1	64.2	65.1	65.1
Lo Yr	1970	1970	1977	1971	1971	1978	1971	1978	1978	1978	1970	1970
<b>WATER YEAR 90</b>												
Rdg		59.72		60.07	60.59			60.69		60.69		60.69
Day		15		11	27			2		19		13

**T114 R19 S11 QQQ: CCB**  
Obwell # 19058

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 305.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	98.7	99.3	99.4			99.8	99.6	99.8				100.0
High WL	96.9	96.8	96.6			97.0	97.3	97.2				97.5
Hi Yr	1986	1986	1986			1987	1987	1987				1987
Low WL	101.0	101.1	101.4			101.9	101.8	103.1				102.4
Lo Yr	1989	1989	1989			1985	1985	1985				1985
<b>WATER YEAR 90</b>						101.82	101.47	101.47				101.84
Rdg	101.02	101.13	101.42			5	25	23				26
Day	26	20	29									

**T114 R19 S22 QQQ: DDD1**  
Obwell # 19013

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 22.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.8	8.3	7.5	8.3	8.5	7.9	7.5	7.4	7.6	7.6	8.5	8.1
High WL	6.5	7.4	6.5	7.8	7.3	6.2	5.9	5.5	7.0	5.7	7.6	6.8
Hi Yr	1984	1985	1986	1986	1987	1989	1979	1986	1979	1986	1990	1986
Low WL	9.2	9.2	8.3	9.0	9.1	9.1	8.2	7.9	8.5	9.1	9.5	9.5
Lo Yr	1988	1988	1980	1989	1990	1990	1990	1977	1988	1988	1988	1988
<b>WATER YEAR 90</b>												
Rdg		8.94		8.98	9.12	9.14	8.23	7.93	7.16	7.09	7.57	8.08
Day		1		9	9	1	13	2	6	2	23	13

**T114 R19 S27 QQQ: ADD**  
Obwell # 19065

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 77.5  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	28.0	28.3	28.6			28.3	27.9	27.7				28.5
High WL	25.3	25.3	25.7			26.7	26.5	26.4				25.8
Hi Yr	1986	1986	1986			1985	1985	1985				1986
Low WL	30.1	30.1	30.1			30.1	29.5	29.1				29.9
Lo Yr	1988	1988	1989			1989	1990	1989				1988
<b>WATER YEAR 90</b>												
Rdg	29.95	30.05	30.09			29.71	29.53	28.87				29.06
Day	25	28	28			28	30	31				25

Dakota County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T114 R20 S13**   QQQ: **DCA**  
**Obwell # 19066**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 87.0  
 Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.5	3.6	3.5			3.3	3.1	3.0				3.8
High WL	2.3	3.0	3.0			2.6	2.6	2.3				2.0
Hi Yr	1986	1985	1986			1985	1986	1986				1986
Low WL	4.2	4.1	4.2			3.7	3.5	3.3				5.4
Lo Yr	1988	1988	1989			1986	1990	1987				1987
<u>WATER YEAR 90</u>												
Rdg	4.15	4.07	4.19			3.59	3.46	3.10				3.81
Day	26	14	29			28	30	31				26

**T114 R20 S36**   QQQ: **BDC**  
**Obwell # 19055**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 81.0  
 Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.2	11.5	11.4			12.2	11.1	11.1				11.8
High WL	9.2	9.6	10.2			11.2	9.8	9.0				9.8
Hi Yr	1986	1986	1986			1987	1986	1986				1986
Low WL	15.0	12.8	12.2			14.4	11.9	12.3				13.0
Lo Yr	1984	1989	1988			1985	1990	1989				1988
<u>WATER YEAR 90</u>												
Rdg	12.61	12.80	11.84			11.29	11.87	10.58				11.12
Day	26	13	29			30	30	31				26

**T115 R17 S27**   QQQ: **BDC1**  
**Obwell # 19067**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 29.5  
 Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.3	21.4	21.8	22.0	22.3	22.1	20.6	20.4	21.0	21.4	22.1	22.0
High WL	18.0	19.4	20.5	22.0	22.3	21.7	16.8	16.1	16.8	19.6	20.6	20.8
Hi Yr	1986	1986	1986	1986	1986	1987	1986	1986	1986	1986	1986	1986
Low WL	22.8	22.6	22.4	22.0	22.3	22.6	22.2	22.3	22.8	23.3	23.5	23.4
Lo Yr	1988	1988	1988	1986	1986	1986	1988	1988	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	21.98	21.81	22.25			22.23	22.10	21.60	21.57	21.45	21.48	21.96
Day	23	30	27			1	25	23	26	30	31	25

**T115 R17 S27**   QQQ: **BDC2**  
**Obwell # 19068**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 74.1  
 Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.5	20.8	20.9	21.3	21.6	21.5	20.1	19.8	20.4	21.1	21.3	21.2
High WL	16.8	18.0	18.9	21.3	21.6	20.6	16.3	15.2	15.8	18.4	19.2	19.5
Hi Yr	1986	1986	1986	1986	1986	1987	1986	1986	1986	1986	1986	1986
Low WL	22.2	21.9	21.8	21.3	21.6	21.9	21.7	21.7	22.2	22.7	23.0	22.6
Lo Yr	1988	1988	1988	1986	1986	1986	1990	1988	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	21.49	21.61	21.61			21.86	21.70	21.39	21.36	20.80	21.02	21.36
Day	23	30	27			1	25	23	26	30	31	25

## SUMMARY FOR 1990 WATER YEAR

**T115 R18 S18** QQQ: **BCB1**  
Obwell # **19015**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 189.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	171.3	172.4	170.4	174.3	173.7	171.3	170.5	172.4	170.8	171.0	171.3	172.3
High WL	166.0	166.0	165.5	170.6	172.7	164.4	163.9	164.0	163.8	164.1	164.4	165.5
Hi Yr	1987	1986	1986	1984	1977	1987	1987	1987	1987	1987	1987	1987
Low WL	175.4	178.7	175.0	178.3	174.6	178.4	174.6	178.9	175.4	177.5	175.2	178.4
Lo Yr	1980	1981	1980	1982	1979	1982	1979	1982	1978	1981	1979	1981
<u>WATER YEAR 90</u>						173.18	172.94	173.35	173.46	173.87	174.25	174.70
Rdg	171.30	172.36	172.84			30	30	31	26	31	23	25
Day	23	27	26									

**T115 R18 S32** QQQ: **ADB**  
Obwell # **19063**

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 330.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	100.4	96.6	97.5			95.1	94.6	95.3				101.8
High WL	90.7	90.7	90.0			89.8	89.3	89.8				91.5
Hi Yr	1987	1987	1986			1987	1987	1987				1987
Low WL	120.3	102.1	107.8			100.6	101.0	101.1				118.5
Lo Yr	1985	1985	1985			1990	1990	1990				1985
<u>WATER YEAR 90</u>						100.62	100.98	101.14				103.16
Rdg	100.89	100.88	100.61			28	30	31				25
Day	25	30	27									

**T115 R19 S24** QQQ: **CDB**  
Obwell # **19057**

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 308.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	34.6	35.0	34.6			34.9	35.4	35.5				35.0
High WL	33.0	33.3	33.0			33.2	33.3	34.1				33.0
Hi Yr	1987	1986	1987			1987	1987	1988				1987
Low WL	36.7	36.6	37.0			37.2	37.5	37.4				37.0
Lo Yr	1989	1989	1989			1990	1990	1990				1990
<u>WATER YEAR 90</u>						37.15	37.50	37.37				37.01
Rdg	36.74	36.55	37.04			28	30	23				26
Day	26	13	29									

Dodge County

DNR Region 5

## SUMMARY FOR 1990 WATER YEAR

**T105 R18 S13 QQQ: DDD1**  
Obwell # 20000

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 0.0  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	42.0	42.4	40.8	42.4	41.6	42.9	42.0	41.8	42.2	41.4	42.5	42.2
High WL	39.6	39.3	38.5	38.9	38.9	40.0	38.3	38.0	37.6	38.3	39.4	39.1
Hi Yr	1984	1982	1986	1987	1984	1985	1983	1984	1984	1984	1983	1984
Low WL	44.1	46.0	43.6	46.1	45.2	46.3	45.3	45.7	46.2	44.4	46.2	46.1
Lo Yr	1976	1977	1978	1978	1977	1978	1977	1978	1978	1978	1977	1977
<u>WATER YEAR 90</u>												
Rdg	43.76	42.50		44.01								
Day	4	29		11								

**T107 R17 S13 QQQ: BBA1**  
Obwell # 20001

Aquifer: OGALOGAL  
Observer: USGS

Depth: 100.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.1	22.9	20.8	23.2	21.5	22.6	20.1	19.9	22.8	20.4	21.3	20.9
High WL	15.3	16.6	15.2	16.9	17.7	16.0	15.0	12.9	18.7	13.7	16.6	16.8
Hi Yr	1986	1982	1986	1987	1984	1984	1983	1983	1985	1984	1983	1984
Low WL	25.3	26.6	24.4	26.9	25.3	26.2	24.2	25.0	25.1	25.7	24.3	23.7
Lo Yr	1989	1977	1978	1978	1979	1978	1981	1989	1989	1989	1988	1980
<u>WATER YEAR 90</u>												
Rdg	25.27	25.83		26.11				24.36	24.40		18.78	19.23
Day	4	29		11				3	11		2	19

## SUMMARY FOR 1990 WATER YEAR

**T127 R37 S9 QQQ: BDC1**  
Obwell # 21008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 18.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.0	14.9	14.9	15.3	15.3	14.8	13.9	14.8	14.9	15.1	15.2	15.3
High WL	13.4	13.5	13.6	14.2	14.3	13.7	13.7	13.7	13.7	13.8	13.7	13.6
Hi Yr	1986	1986	1986	1985	1985	1986	1986	1986	1986	1986	1986	1986
Low WL	16.2	16.2	16.1	16.1	16.1	16.1	14.1	15.8	16.1	16.7	16.4	16.4
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1988	1988
<b>WATER YEAR 90</b>												
Rdg	15.74	15.69	15.59	15.57	15.50	15.32		15.16	15.32	15.33	15.56	15.64
Day	4	6	7	2	1	30		4	4	2	3	1

**T127 R40 S27 QQQ: CBB1**  
Obwell # 21000

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 259.0  
Years of Record: 27

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	79.9	79.4	79.0	80.0	79.7	80.2	80.6	79.8	79.3	79.4	79.2	79.5
High WL	75.9	75.8	76.0	78.1	77.2	77.7	75.9	77.3	75.8	76.0	76.0	75.9
Hi Yr	1986	1986	1986	1989	1986	1986	1987	1986	1987	1987	1987	1986
Low WL	82.4	82.5	82.5	82.4	82.3	82.5	83.2	82.5	82.7	82.5	82.8	82.7
Lo Yr	1964	1964	1964	1965	1965	1964	1977	1965	1964	1965	1964	1976
<b>WATER YEAR 90</b>												
Rdg	78.53	78.43	78.76	78.71	78.86	78.84		78.63	78.94	79.23	79.23	79.22
Day	4	1	7	2	1	30		4	4	2	3	1

**T129 R36 S9 QQQ: BBB1**  
Obwell # 21009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 19.2  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.9	5.0	5.2	5.3	5.2	3.3	3.4	4.1	4.1	4.7	4.7	4.6
High WL	3.1	3.3	3.9	4.2	3.7	1.0	0.9	3.0	1.7	2.7	1.8	1.4
Hi Yr	1986	1986	1986	1987	1987	1986	1986	1987	1986	1986	1986	1986
Low WL	6.2	6.2	6.3	6.3	6.3	4.7	4.5	5.1	5.7	6.7	6.3	6.1
Lo Yr	1988	1988	1988	1989	1989	1990	1988	1988	1988	1988	1988	1988
<b>WATER YEAR 90</b>												
Rdg	5.71	5.91	6.13	5.98	6.09	4.73	4.08	4.49	4.72	5.29	5.79	5.63
Day	31	30	27	31	28	31	30	31	30	31	31	30

**T129 R36 S15 QQQ: BBB**  
Obwell # 21001

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 102.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.2	6.2	6.5	6.9	7.0	6.4	5.7	5.7	5.4	6.1	6.2	6.3
High WL	3.9	4.7	5.3	5.6	5.6	4.4	2.5	4.3	3.1	4.1	3.2	3.2
Hi Yr	1984	1984	1986	1987	1987	1986	1986	1986	1986	1986	1972	1986
Low WL	7.6	7.7	7.9	9.3	9.4	9.0	8.5	8.2	7.9	8.0	8.1	8.7
Lo Yr	1988	1988	1988	1977	1977	1977	1977	1977	1977	1977	1977	1977
<b>WATER YEAR 90</b>												
Rdg	6.72	6.89	7.06	7.31	7.51	6.86	6.46	6.81	5.84	6.27	6.65	6.65
Day	31	30	27	31	28	31	30	31	30	31	31	30

## SUMMARY FOR 1990 WATER YEAR

**T129 R36 S18 QQQ: CBB**  
Obwell # **21002**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 99.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.1	9.8	10.0	10.5	10.6	10.1	8.7	8.7	8.4	9.2	9.3	9.4
High WL	1.0	6.4	6.7	7.0	6.1	6.8	1.7	1.3	0.8	1.3	-0.2	0.4
Hi Yr	1972	1986	1986	1987	1987	1985	1972	1972	1972	1972	1972	1972
Low WL	14.3	13.7	13.4	15.5	15.5	15.1	14.9	14.7	14.7	15.5	15.4	15.2
Lo Yr	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	10.71	11.18	10.91	11.09	11.26	10.85	10.71	10.18	9.66	10.07	10.55	10.72
Day	31	30	27	31	28	31	30	31	30	31	31	30

**T130 R36 S4 QQQ: BCC**  
Obwell # **21003**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 0.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.7	4.6	5.1	5.6	5.6	4.7	4.1	4.2	4.5	4.8	4.9	4.7
High WL	2.2	2.4	2.6	2.6	2.5	2.3	1.9	2.2	2.0	2.3	2.2	2.0
Hi Yr	1986	1986	1986	1987	1987	1986	1986	1986	1986	1986	1986	1986
Low WL	8.2	7.2	8.4	9.9	10.1	9.4	8.1	7.9	8.3	8.8	8.2	7.3
Lo Yr	1973	1979	1978	1977	1977	1977	1977	1977	1977	1977	1977	1979
<u>WATER YEAR 90</u>												
Rdg	4.93	5.17	5.47	5.56	5.73	4.90	4.29	3.94	4.07	4.72	5.43	5.04
Day	31	30	27	31	28	31	30	31	30	31	31	30

**T130 R36 S23 QQQ: DDD**  
Obwell # **21004**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.0	8.1	8.3	8.7	8.9	8.3	7.8	7.8	7.7	7.9	7.9	8.1
High WL	3.8	4.0	4.3	4.6	4.7	4.8	5.1	5.1	5.2	5.4	5.5	5.6
Hi Yr	1987	1987	1987	1988	1988	1988	1988	1988	1988	1988	1988	1988
Low WL	10.3	10.5	10.8	14.0	14.9	10.7	10.1	9.9	9.9	9.9	10.0	9.9
Lo Yr	1973	1978	1978	1977	1977	1977	1977	1977	1977	1977	1973	1977
<u>WATER YEAR 90</u>												
Rdg	6.40	6.43	6.47	6.52	6.46	6.62	6.64	6.66	6.67	6.68	6.71	6.72
Day	31	30	27	31	28	31	30	31	30	31	31	30

Faribault County

DNR Region 4

SUMMARY FOR 1990 WATER YEAR

T104 R26 S36 QQQ: CAC1  
Obwell # 22021

Aquifer: OPVLOPVL  
Observer: USGS

Depth: 145.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.3	32.8	32.7	32.5	32.1	32.6	33.6	32.1	33.4	32.9	35.8	33.2
High WL	31.3	32.0	31.8	31.1	31.3	30.4	32.5	30.0	33.0	30.2	35.3	31.5
Hi Yr	1982	1984	1986	1983	1987	1983	1987	1983	1987	1984	1979	1986
Low WL	31.3	35.0	33.7	35.5	32.9	35.1	35.0	35.7	33.9	34.3	36.4	35.7
Lo Yr	1982	1989	1988	1990	1988	1990	1989	1990	1989	1990	1989	1988
WATER YEAR 90												
Rdg		34.97			35.50		35.05		35.72		34.34	
Day		7			9		6		22		24	

Fillmore County

DNR Region 5

## SUMMARY FOR 1990 WATER YEAR

**T104 R11 S8 QQQ: ADCC**  
**Obwell # 23001**

Aquifer: OPDCCJDN  
 Observer:

Depth: 284.0  
 Years of Record: 2

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave		37.7		38.2	38.5	35.2	36.9		33.2			
High WL		37.7		38.2	38.5	35.2	36.9		33.2			
Hi Yr		1989		1990	1990	1990	1990		1990			
Low WL		37.7		38.2	38.5	35.2	36.9		33.2			
Lo Yr		1989		1990	1990	1990	1990		1990			
<u>WATER YEAR 90</u>												
Rdg		37.71		38.15	38.51	35.16	36.93		33.20			
Day		29		4	6	14	10		13			

## Freeborn County

## DNR Region 5

## SUMMARY FOR 1990 WATER YEAR

**T101 R23 S2 QQQ: DAC1**  
Obwell # **24002**

Aquifer: DCVAOMQG  
Observer: USGS

Depth: 373.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	68.4	69.1	69.4	67.4	69.1	68.5	69.8	67.6	70.5	70.3	75.4	69.4
High WL	68.4	67.4	67.5	66.1	68.3	65.6	68.4	65.6	69.2	67.9	75.5	67.7
Hi Yr	1982	1983	1986	1983	1987	1983	1987	1983	1987	1986	1989	1990
Low WL	68.4	71.5	71.5	69.1	70.0	71.3	71.1	69.9	71.7	74.7	75.5	72.3
Lo Yr	1982	1989	1988	1986	1988	1989	1989	1988	1989	1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg		71.50			68.09		71.26		69.12			
Day		7			9		6		22		24	

**T102 R21 S9 QQQ: CCB1**  
Obwell # **24003**

Aquifer: DCVADCVA  
Observer: USGS

Depth: 150.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	42.2	44.0	43.9	42.8	43.0	43.1	44.4	42.3	45.6	45.4	49.3	45.1
High WL	42.2	43.0	42.1	41.5	43.0	40.5	43.0	39.4	44.6	38.5	49.3	37.8
Hi Yr	1982	1981	1986	1983	1987	1983	1987	1990	1987	1990	1989	1990
Low WL	42.2	46.1	45.8	44.9	43.0	45.5	45.8	44.2	46.6	48.8	49.3	47.8
Lo Yr	1982	1989	1988	1990	1987	1989	1989	1988	1989	1985	1989	1986
<u>WATER YEAR 90</u>												
Rdg		46.12			44.94		43.07		39.40		38.47	
Day		7			9		6		22		24	

**T103 R20 S36 QQQ: CCB1**  
Obwell # **24004**

Aquifer: DCVADCVA  
Observer: USGS

Depth: 231.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	49.7	51.4	51.6	50.8	51.6	51.1	51.6	50.2	52.2	51.6	53.9	51.7
High WL	49.7	50.3	50.0	49.2	51.1	49.3	50.7	48.4	51.4	49.5	53.9	49.2
Hi Yr	1982	1983	1986	1983	1987	1983	1987	1984	1987	1984	1989	1990
Low WL	49.7	53.2	53.1	52.9	52.0	53.1	52.6	51.6	52.9	56.0	53.9	54.0
Lo Yr	1982	1989	1988	1990	1988	1990	1989	1988	1989	1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg		53.17			52.92		53.14		50.36		50.13	
Day		7			9		6		22		24	

**T103 R23 S13 QQQ: CDA1**  
Obwell # **24005**

Aquifer: OGWDQGD  
Observer: USGS

Depth: 270.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	43.7	45.1	45.1	43.9	44.6	44.3	45.0	43.2		45.3	48.8	45.5
High WL	43.7	43.9	43.4	42.6	43.8	42.3	44.0	42.0		43.2	48.8	42.7
Hi Yr	1982	1983	1986	1983	1987	1983	1987	1983		1984	1989	1990
Low WL	43.7	46.9	46.7	46.3	45.4	46.4	46.0	43.8		48.4	48.8	47.8
Lo Yr	1982	1989	1988	1990	1988	1990	1989	1990		1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg		46.94			46.33		46.35		43.82		43.80	
Day		7			9		6		22		24	

## SUMMARY FOR 1990 WATER YEAR

**T110 R15 S31** QQQ: **BBD1**  
Obwell # **25000**

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 210.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	22.6	23.2	23.7	23.3	23.6	23.0	23.0	22.1	22.9	22.2	23.0	23.4
High WL	19.6	20.5	19.4	17.4	17.7	19.1	19.5	18.0	19.2	19.2	20.4	20.1
Hi Yr	1984	1987	1984	1987	1987	1985	1987	1984	1987	1984	1983	1986
Low WL	25.8	26.2	26.9	27.0	27.0	26.9	26.4	26.1	26.9	26.4	25.5	26.3
Lo Yr	1978	1977	1983	1978	1979	1978	1981	1978	1978	1978	1977	1978
<u>WATER YEAR 90</u>												
Rdg	24.49	24.69		24.50		26.03	25.27		23.97	23.05		21.58
Day	11	16		11		5	23		4	23		10

**T111 R15 S21** QQQ: **CDA1**  
Obwell # **25001**

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 310.0  
Years of Record: 18

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	130.2	130.8	130.8	131.8	129.1	129.7	131.7	132.7	130.7	129.7	130.5	131.7
High WL	119.1	123.2	120.0	119.5	119.0	122.4	125.1	119.8	123.0	119.3	120.7	119.7
Hi Yr	1984	1985	1986	1987	1987	1988	1986	1985	1988	1987	1985	1987
Low WL	152.0	143.2	142.9	143.8	137.6	137.9	146.7	156.5	137.2	149.0	144.2	137.1
Lo Yr	1982	1979	1979	1980	1982	1982	1983	1983	1978	1990	1982	1981
<u>WATER YEAR 90</u>												
Rdg	130.89	131.84		131.72		137.20			133.64	149.04		134.48
Day	11	28		11		5			4	23		10

**T113 R15 S27** QQQ: **BAB1**  
Obwell # **25005**

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 684.0  
Years of Record: 15

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	105.5	104.2	103.7	103.5	103.3	103.0	103.5	103.4	104.2	105.4	105.1	106.0
High WL	102.7	101.7	101.4	100.6	101.8	101.0	100.5	101.4	101.3	101.3	102.9	102.7
Hi Yr	1982	1986	1983	1989	1987	1983	1983	1986	1983	1984	1984	1983
Low WL	107.8	106.4	106.8	106.9	107.1	107.6	107.0	106.5	107.0	108.3	109.1	109.6
Lo Yr	1978	1989	1978	1990	1979	1990	1990	1990	1979	1990	1989	1990
<u>WATER YEAR 90</u>												
Rdg	107.73	106.35		106.88		107.58	107.01	106.49	106.37	108.30		109.62
Day	2	14		11		5	23	8	4	23		10

Grant County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T127 R41 S6 QQQ: CAC1**  
Obwell # **26001**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 70.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	36.5	36.7	36.4	31.9	35.9	36.4	36.0	36.7	36.8	37.1	37.4	37.5
High WL	35.7	36.3	35.8	31.9	35.4	36.2	34.5	35.3	35.6	35.8	36.4	36.4
Hi Yr	1985	1981	1978	1989	1989	1989	1986	1978	1978	1978	1981	1981
Low WL	37.3	37.3	36.8	31.9	36.4	36.7	36.6	39.8	39.8	39.8	39.5	39.5
Lo Yr	1989	1989	1979	1989	1981	1990	1990	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>						36.71	36.61	36.59				
Rdg	37.32	37.27				20	25	31				
Day	11	7										

**T127 R41 S32 QQQ: BBA1**  
Obwell # **26002**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 44.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.6	6.0	5.6	5.9	5.8	4.8	5.4	5.5	5.5	7.1	10.6	6.3
High WL	4.3	4.4	5.1	5.8	5.8	3.3	4.3	3.1	3.6	3.4	6.1	4.6
Hi Yr	1989	1989	1978	1989	1989	1989	1989	1978	1978	1978	1980	1989
Low WL	6.2	7.1	6.2	6.0	5.8	6.3	6.3	6.8	6.4	18.0	17.4	8.1
Lo Yr	1982	1980	1982	1981	1989	1983	1984	1977	1982	1981	1978	1978
<u>WATER YEAR 90</u>						4.93	5.10	4.91				
Rdg	4.31	4.35				20	25	31				
Day	11	7										

**T128 R43 S28 QQQ: CDC1**  
Obwell # **26004**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 49.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.7	5.8	6.5	5.6	6.3	4.5	5.6	5.5	6.6	6.6	6.7	5.6
High WL	3.5	3.7	6.5	5.6	4.9	2.2	2.4	2.1	6.4	6.5	6.5	3.3
Hi Yr	1989	1989	1982	1989	1989	1989	1989	1989	1981	1981	1982	1989
Low WL	6.9	7.1	6.5	5.6	7.6	6.9	7.2	7.0	6.9	6.7	6.9	6.8
Lo Yr	1981	1981	1982	1989	1981	1983	1981	1981	1983	1983	1981	1981
<u>WATER YEAR 90</u>						4.40	3.34	3.29				
Rdg	3.50	3.70				19	25	31				
Day	11	13										

**T129 R41 S18 QQQ: ACB1**  
Obwell # **26005**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 50.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.4	11.9	11.7	12.9	11.6	11.5	10.8	11.0	11.2	11.3	13.0	13.0
High WL	9.7	10.8	11.1	12.1	11.5	11.2	9.1	10.5	10.9	10.9	11.3	11.2
Hi Yr	1985	1989	1982	1989	1981	1983	1986	1989	1978	1978	1982	1982
Low WL	13.6	14.6	12.6	13.6	11.7	11.9	11.3	11.3	11.6	11.6	17.4	18.6
Lo Yr	1980	1980	1978	1979	1989	1990	1990	1982	1980	1979	1978	1978
<u>WATER YEAR 90</u>						11.90	11.30	11.28				
Rdg	12.02	10.80				20	25	31				
Day	11	7										

Grant County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T129 R41 S31** QQQ: ACA1  
Obwell # 26007Aquifer: QWTAQWTA  
Observer: SWCDDepth: 51.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.5	13.9	13.8	15.3	13.4	13.5	13.1	13.7	13.7	13.4	13.5	14.0
High WL	12.1	13.1	13.1	15.3	13.4	13.2	11.2	13.1	13.1	13.1	13.1	13.1
Hi Yr	1985	1982	1982	1989	1981	1983	1986	1989	1981	1983	1982	1982
Low WL	14.9	14.8	14.2	15.3	13.4	13.8	14.0	14.0	14.2	14.2	14.2	15.0
Lo Yr	1989	1989	1979	1989	1981	1990	1990	1981	1980	1980	1980	1989
<u>WATER YEAR 90</u>												
Rdg	14.92	14.76				13.80	14.02	13.95				
Day	11	7				20	25	31				

**T129 R42 S16** QQQ: ABB5  
Obwell # 26017Aquifer: QBAA  
Observer:Depth: 215.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	74.2	76.5	75.3		74.3	74.2	74.1	70.4	74.3	74.6		74.8
High WL	74.2	76.5	75.3		74.3	74.2	74.1	70.4	74.3	74.6		74.8
Hi Yr	1989	1989	1989		1990	1990	1990	1990	1990	1990		1990
Low WL	74.2	76.5	75.3		74.3	74.2	74.1	70.4	74.3	74.6		74.8
Lo Yr	1989	1989	1989		1990	1990	1990	1990	1990	1990		1990
<u>WATER YEAR 90</u>												
Rdg	74.18	76.50	75.30		74.30	74.20	74.10	70.40	74.30	74.60		74.80
Day	23	1	1		1	1	30	29	29	31		4

**T130 R42 S23** QQQ: DBD1  
Obwell # 26011Aquifer: QBAAQBAA  
Observer: SWCDDepth: 52.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.8	12.9	12.5	13.2	12.5	12.6	11.8	12.4	12.6	15.5	16.4	15.9
High WL	11.0	12.2	12.0	13.2	12.5	12.2	10.4	11.9	11.4	12.1	12.3	12.3
Hi Yr	1985	1982	1980	1978	1981	1983	1989	1978	1978	1981	1981	1982
Low WL	15.4	14.4	13.4	13.2	12.5	13.0	12.8	13.4	14.7	27.4	31.4	31.6
Lo Yr	1980	1980	1979	1978	1981	1974	1990	1977	1977	1978	1978	1978
<u>WATER YEAR 90</u>												
Rdg	12.74	12.72					12.78	12.70				
Day	11	7					25	31				

**T130 R42 S26** QQQ: DAA1  
Obwell # 26012Aquifer: QBAAQBAA  
Observer: SWCDDepth: 143.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.2	25.2	24.8	26.8	25.8	22.1	24.8	24.9	25.0	24.9	25.8	25.3
High WL	23.8	24.9	24.0	26.8	25.1	15.6	23.4	24.0	23.0	23.0	24.0	24.0
Hi Yr	1985	1982	1979	1989	1981	1989	1986	1978	1980	1980	1979	1979
Low WL	27.9	25.7	26.0	26.8	26.5	25.7	25.4	25.3	27.8	27.0	28.5	26.5
Lo Yr	1989	1989	1977	1989	1989	1990	1990	1990	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	27.90	25.71				25.68	25.43	25.30				
Day	11	7				19	25	31				

Grant County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T130 R42 S36 QQQ: CCC1**  
Obwell # 26013

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.8	7.5	5.2	9.7	9.1	9.1	7.0	7.7	7.0	7.6	8.1	8.3
High WL	5.2	5.2	5.2	9.7	8.1	7.8	5.7	6.3	6.3	6.8	8.0	7.8
Hi Yr	1982	1982	1982	1989	1981	1983	1986	1984	1984	1983	1982	1982
Low WL	9.1	9.2	5.2	9.7	10.0	10.1	9.6	8.9	8.2	8.2	8.2	9.1
Lo Yr	1989	1989	1982	1989	1989	1989	1990	1990	1982	1982	1981	1989
<b>WATER YEAR 90</b>							9.50	9.59	8.93			
Rdg	9.10	9.18					19	25	31			
Day	11	7										

**T130 R44 S25 QQQ: BCB1**  
Obwell # 26015

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 105.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.1	38.6	37.9	37.9	37.8	38.0	37.8	40.9	39.5	38.4	44.1	42.7
High WL	37.8	37.8	37.8	37.1	37.6	37.9	37.3	37.3	37.2	36.8	37.1	37.8
Hi Yr	1980	1980	1978	1989	1981	1990	1990	1990	1978	1978	1978	1980
Low WL	41.8	39.7	38.2	38.8	38.0	38.2	38.2	56.4	41.5	39.7	70.8	55.8
Lo Yr	1978	1981	1982	1979	1989	1983	1983	1981	1977	1981	1977	1978
<b>WATER YEAR 90</b>							37.85	37.33	37.31			
Rdg	40.06	38.90					19	25	31			
Day	11	13										

Hennepin County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T27 R24 S30 QQQ: BDA1**  
**Obwell # 27001**

Aquifer: CJDNCJDN  
 Observer: USGS

Depth: 330.0  
 Years of Record: 26

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	74.1	72.7	72.0	72.7	72.8	72.4	72.1	72.8	74.7	75.4	75.5	74.7
High WL	66.2	65.7	65.6	66.3	63.4	65.7	65.1	64.5	66.2	65.9	67.8	66.1
Hi Yr	1972	1971	1971	1973	1975	1969	1969	1969	1969	1969	1974	1972
Low WL	80.4	79.2	78.8	78.8	79.0	78.8	78.8	79.8	83.3	84.9	82.7	81.9
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1988	1988	1988	1989	1990
<b>WATER YEAR 90</b>												
Rdg	80.40	79.20	78.83	78.78	78.96	78.76	78.80	79.44	81.21	80.19	79.05	81.89
Day	1	1	1	1	1	1	1	1	1	20	1	1

**T27 R24 S30 QQQ: AAA1**  
**Obwell # 27035**

Aquifer: QBAAQBAA  
 Observer: USGS

Depth: 139.0  
 Years of Record: 12

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	66.9	69.3	66.9	68.8	68.7	68.4	67.1	69.2	66.7	70.1	68.1	69.6
High WL	65.0	66.9	65.1	65.2	65.1	64.0	64.2	64.5	64.8	68.6	65.2	65.1
Hi Yr	1979	1980	1979	1980	1980	1979	1979	1979	1979	1981	1979	1979
Low WL	68.9	72.2	68.7	72.3	72.5	70.9	68.8	72.8	69.2	73.1	71.8	73.0
Lo Yr	1981	1989	1986	1990	1990	1989	1984	1990	1984	1990	1989	1990
<b>WATER YEAR 90</b>												
Rdg	72.15			72.27	72.45			72.78		73.09		73.00
Day	2			5	28			3		17		18

**T28 R24 S23 QQQ: ADD1**  
**Obwell # 27036**

Aquifer: OPDCOPDC  
 Observer: USGS

Depth: 245.0  
 Years of Record: 12

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	40.5	39.8	37.3	38.7	36.5	38.8	37.7	41.6	48.6	51.2	49.2	45.1
High WL	39.8	38.1	36.6	36.5	36.5	36.9	36.9	39.3	42.9	47.3	44.3	42.1
Hi Yr	1981	1984	1986	1986	1987	1984	1987	1979	1979	1981	1981	1986
Low WL	41.2	42.7	38.0	41.3	36.5	40.3	38.4	45.7	60.2	53.9	57.0	49.3
Lo Yr	1980	1989	1979	1990	1987	1989	1984	1988	1988	1988	1989	1990
<b>WATER YEAR 90</b>												
Rdg	42.70			41.34				42.49		51.68		49.30
Day	30			8				1		17		18

**T29 R24 S6 QQQ: CCC1**  
**Obwell # 27002**

Aquifer: OSTPOSTP  
 Observer: USGS

Depth: 200.0  
 Years of Record: 20

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	33.3	31.3	30.2	29.9	30.8	30.6	30.9	34.8	38.7	40.4	40.4	36.1
High WL	29.2	28.5	28.1	26.8	28.5	28.2	28.0	29.5	31.8	32.8	35.0	32.4
Hi Yr	1975	1985	1985	1986	1986	1973	1985	1984	1983	1975	1974	1983
Low WL	38.8	35.2	32.6	32.4	33.5	33.4	35.0	44.9	50.2	49.6	48.9	42.7
Lo Yr	1989	1989	1988	1988	1981	1989	1988	1988	1988	1988	1989	1989
<b>WATER YEAR 90</b>												
Rdg	38.83	35.18	31.47	31.19	32.92	33.10		36.11	37.04	41.35	38.11	40.90
Day	1	1	1	1	1	1		10	1	1	1	1

Hennepin County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T29 R24 S26 QQQ: BAB1**  
Obwell # 27039

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 445.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	86.5	72.0	69.1	68.5	68.2	70.5	77.4	89.8	105.6	114.7	125.3	96.4
High WL	64.8	64.8	65.2	60.7	61.8	63.5	66.6	69.3	77.1	86.4	112.9	72.6
Hi Yr	1986	1988	1987	1986	1983	1989	1987	1983	1983	1987	1984	1986
Low WL	112.3	85.4	71.5	72.6	72.4	75.3	110.1	111.7	132.8	136.8	137.9	124.9
Lo Yr	1989	1981	1989	1989	1982	1985	1990	1988	1990	1988	1983	1985
WATER YEAR 90	Rdg	112.25	73.95	71.54	70.18	69.23	69.66	110.07	82.23	132.75	107.83	126.46
	Day	26	28	26	29	26	27	25	29	27	30	27

**T29 R24 S27 QQQ: ABD1**  
Obwell # 27004

Aquifer: PYHFPYHF  
Observer: USGS

Depth: 1074.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	221.2	221.3	214.1	207.5	209.8	209.7	206.0	209.8	213.4	225.0	227.3	226.3
High WL	184.6	195.5	180.0	175.0	178.4	177.9	169.8	176.0	181.0	180.9	190.5	188.6
Hi Yr	1979	1980	1979	1980	1980	1978	1980	1978	1978	1978	1979	1979
Low WL	266.4	261.5	253.7	248.7	247.0	246.3	245.8	253.8	251.5	263.9	269.9	262.9
Lo Yr	1989	1989	1989	1990	1989	1989	1989	1989	1990	1989	1989	1989
WATER YEAR 90	Rdg	266.42	261.46	253.70	248.70	242.38	236.60	239.70	240.14	251.50	249.60	250.10
	Day	26	28	26	29	26	27	25	29	27	30	27

**T116 R21 S7 QQQ: DAD1**  
Obwell # 27040

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 420.0  
Years of Record: 25

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	65.1	48.6	39.2	49.1	46.4	46.5	43.5	51.7	54.6	59.4	54.7	53.1
High WL	65.1	47.4	31.7	47.1	46.4	32.7	31.3	49.7	49.1	56.8	47.2	49.3
Hi Yr	1989	1982	1965	1980	1980	1967	1966	1986	1980	1983	1966	1983
Low WL	65.1	51.1	49.2	51.9	46.4	49.4	50.0	54.8	60.4	63.2	64.0	59.5
Lo Yr	1989	1987	1986	1989	1980	1983	1989	1985	1987	1981	1989	1987
WATER YEAR 90	Rdg	65.05	3									
	Day											

**T117 R21 S16 QQQ: CDB1**  
Obwell # 27041

Aquifer: CIGLCIGL  
Observer: USGS

Depth: 691.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	143.8	142.0	137.2	135.5	133.0	133.5	132.5	134.1	136.2	141.9	145.6	146.0
High WL	143.0	137.6	135.2	131.3	130.3	130.8	131.1	130.3	133.0	137.4	142.1	141.4
Hi Yr	1983	1985	1986	1986	1987	1986	1987	1986	1983	1983	1984	1986
Low WL	144.5	150.0	139.1	139.8	135.7	137.3	134.5	137.4	139.5	154.1	151.8	155.5
Lo Yr	1980	1989	1980	1989	1981	1989	1981	1990	1987	1988	1989	1988
WATER YEAR 90	Rdg	150.03	2					137.38	1	142.90	23	
	Day											

Hennepin County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T117 R23 S11 QQQ: BBD1**  
Obwell # 27010

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 437.0  
Years of Record: 46

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.9	22.3	21.6	21.6	21.4	21.4	21.7	23.1	24.6	25.5	26.0	24.5
High WL	14.7	14.8	14.6	14.6	14.7	14.6	14.4	14.3	14.7	14.9	14.8	15.4
Hi Yr	1951	1954	1951	1954	1955	1954	1954	1954	1952	1952	1953	1952
Low WL	33.5	34.6	33.0	33.4	33.5	33.6	32.7	36.0	41.7	43.6	40.7	37.6
Lo Yr	1988	1989	1989	1990	1990	1990	1990	1988	1988	1988	1989	1990
<u>WATER YEAR 90</u>												
Rdg	34.56	33.04	33.44	33.52	33.57	32.70	35.21	35.30	37.08	37.08	37.08	37.59
Day	5	5	6	5	1	5	5	5	20	5	5	5

**T117 R24 S13 QQQ: BBC**  
Obwell # 27043

Aquifer: CMSHCMSH  
Observer: SWCD

Depth: 129.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	68.0	70.6	67.3	70.0	66.3	69.7	69.2	69.1	69.3	68.7	71.8	69.5
High WL	67.4	67.3	67.3	67.0	66.3	66.6	66.2	66.6	67.6	66.7	71.8	67.0
Hi Yr	1986	1985	1985	1986	1987	1986	1987	1986	1987	1986	1989	1986
Low WL	68.6	72.8	67.3	72.5	66.3	72.4	72.2	70.8	71.0	72.1	71.8	72.5
Lo Yr	1987	1989	1985	1990	1987	1990	1990	1989	1988	1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg	72.80			72.51			72.44	72.20			67.02	
Day	2			5			1	26			17	18

**T118 R21 S7 QQQ: DCB1**  
Obwell # 27011

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 422.0  
Years of Record: 26

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	65.4	64.2	63.6	63.3	63.6	63.4	63.5	64.7	66.3	67.1	67.7	66.3
High WL	63.2	62.3	61.4	61.2	61.4	61.3	61.1	62.0	63.4	62.8	65.6	64.1
Hi Yr	1986	1968	1966	1969	1967	1969	1969	1969	1975	1967	1974	1966
Low WL	71.9	69.7	68.3	67.3	68.6	68.4	68.3	69.5	73.0	73.8	73.4	72.4
Lo Yr	1989	1989	1988	1990	1990	1990	1990	1990	1988	1988	1989	1990
<u>WATER YEAR 90</u>												
Rdg	71.92	69.72	67.57	67.34	68.60	68.42	68.32	69.53	70.87	71.35	70.75	72.43
Day	1	1	1	1	1	1	1	1	1	1	1	1

**T118 R21 S32 QQQ: CBD1**  
Obwell # 27012

Aquifer: OSTPOSTP  
Observer: USGS

Depth: 265.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	33.2	33.7	32.7	33.7	33.2	33.4	32.5	33.9	34.2	35.4	35.8	34.7
High WL	32.0	31.8	31.8	31.9	32.2	31.4	31.4	31.3	32.5	31.8	32.6	32.2
Hi Yr	1978	1985	1975	1979	1980	1976	1984	1986	1979	1978	1979	1975
Low WL	34.3	38.1	33.3	38.7	34.7	38.7	34.0	38.8	37.6	39.5	39.2	40.6
Lo Yr	1976	1989	1972	1990	1971	1990	1987	1990	1987	1988	1989	1990
<u>WATER YEAR 90</u>												
Rdg	38.13			38.69			38.69			39.10		40.62
Day	16			18			1			23		14

Hennepin County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T118 R21 S32 QQQ: CBB1**  
Obwell # 27038

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 95.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	19.6	19.8	20.0	20.2	20.0	20.2	20.1	19.8	19.8	19.8	20.6	19.8
High WL	18.7	18.1	20.0	18.5	19.4	18.7	19.8	17.7	18.2	17.7	19.8	18.1
Hi Yr	1986	1985	1979	1985	1987	1984	1987	1986	1984	1986	1987	1984
Low WL	20.4	21.5	20.0	22.4	20.5	22.2	20.4	22.3	20.9	21.3	21.1	21.4
Lo Yr	1980	1989	1979	1990	1980	1990	1980	1990	1987	1990	1989	1990
<b>WATER YEAR 90</b>												
Rdg		21.51		22.43		22.22		22.28		21.27		21.37
Day		16		18		1		1		23		14

**T119 R21 S4 QQQ: BBA1**  
Obwell # 27034

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 80.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	17.2	19.0	17.2	19.1	17.8	19.3	17.4	18.6	17.8	18.2	18.7	18.6
High WL	16.3	16.3	16.6	16.8	17.3	17.0	16.8	15.2	17.1	15.6	16.3	16.0
Hi Yr	1978	1985	1986	1986	1987	1984	1979	1986	1978	1986	1979	1978
Low WL	18.2	21.9	18.3	22.3	18.5	22.3	17.9	22.5	18.9	22.4	21.7	21.6
Lo Yr	1977	1989	1977	1990	1978	1990	1987	1990	1987	1988	1989	1989
<b>WATER YEAR 90</b>												
Rdg		21.92		22.30		22.27		22.45		20.68		20.16
Day		16		18		22		1		23		14

Houston County

DNR Region 5

## SUMMARY FOR 1990 WATER YEAR

**T102 R5 S3 QQQ: DCC1**  
Obwell # 28000

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 360.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	224.1	220.1		215.3	227.2	215.6	224.7	224.3	229.2	225.7	238.6	224.7
High WL	224.1	216.1		215.3	222.9	215.6	223.0	213.8	221.6	213.8	235.3	215.2
Hi Yr	1987	1984		1985	1987	1985	1987	1985	1986	1985	1989	1985
Low WL	224.1	228.2		215.3	231.6	215.6	226.3	239.5	240.1	240.9	241.8	236.2
Lo Yr	1987	1983		1985	1989	1985	1988	1990	1990	1990	1990	1989
<u>WATER YEAR 90</u>								239.48	240.06	240.86	241.80	
Rdg								10	1	1	1	
Day												

**T102 R5 S3 QQQ: DCC2**  
Obwell # 28001

Aquifer: CIGLCIGL  
Observer: USGS

Depth: 650.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	446.3	445.0	445.0	447.5	447.1	447.5	445.1	443.5	447.4	446.6	450.9	446.6
High WL	446.3	441.6	445.0	443.5	445.0	443.8	443.1	442.8	445.7	442.1	450.9	441.7
Hi Yr	1987	1984	1986	1985	1987	1985	1984	1984	1986	1984	1989	1984
Low WL	446.3	450.8	445.0	451.4	449.2	451.3	447.1	444.9	450.1	452.2	450.9	451.6
Lo Yr	1987	1989	1986	1990	1989	1990	1988	1986	1989	1990	1989	1990
<u>WATER YEAR 90</u>										452.21		
Rdg		450.77		451.38		451.26				31		
Day		29		19		21						

**T102 R5 S3 QQQ: DCC3**  
Obwell # 28002

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 888.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	524.4	523.8	523.6	524.6	524.7	524.5	524.1	523.2	524.6	524.8	525.9	524.9
High WL	524.4	522.0	523.6	523.3	524.1	523.5	523.8	522.2	524.2	523.6	525.9	523.9
Hi Yr	1987	1983	1986	1985	1987	1985	1984	1985	1986	1984	1989	1984
Low WL	524.4	525.6	523.6	525.9	525.3	525.5	524.6	523.7	525.6	525.8	525.9	526.0
Lo Yr	1987	1989	1986	1990	1989	1990	1988	1984	1989	1990	1989	1989
<u>WATER YEAR 90</u>										525.76		
Rdg		525.60		525.87		525.50				31		
Day		20		19		21						

Hubbard County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T139 R32 S16 QQQ: AAA1**  
**Obwell # 29000**

Aquifer: QWTAQWTA  
 Observer: USGS

Depth: 21.0  
 Years of Record: 21

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.2	13.1	13.2	13.4	13.7	13.8	13.8	13.4	13.3	13.2	13.2	13.3
High WL	10.7	10.9	11.2	11.4	11.8	12.0	12.1	11.4	11.1	11.1	10.9	10.9
Hi Yr	1985	1973	1973	1974	1974	1974	1986	1986	1986	1975	1985	1985
Low WL	15.3	15.4	15.6	15.7	15.8	15.9	15.8	15.4	15.4	15.0	15.3	15.4
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1981	1981	1988	1989	1990
<u>WATER YEAR 90</u>												
Rdg	14.82	14.94	15.07	15.27	15.47	15.63	15.25	15.26	15.20	14.87	15.09	15.35
Day	3	14	5	2	6	6	3	1	5	4	7	4

**T139 R33 S17 QQQ: CCC**  
**Obwell # 29003**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 41.5  
 Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	39.3	39.3	39.3	39.5	39.6	39.7	39.5	39.5	39.6	39.7	39.7	39.6
High WL	37.6	37.5	37.5	37.7	38.0	38.1	37.8	37.9	37.9	37.9	37.8	37.7
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1986	1975	1975
Low WL	40.7	40.6	40.6	40.8	40.9	41.0	40.7	40.7	40.8	41.3	41.5	41.7
Lo Yr	1977	1977	1988	1989	1989	1989	1977	1977	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	40.68	40.57	40.20			40.85	40.56	40.65	40.82	41.26	41.49	41.65
Day	16	15	14			16	17	14	14	16	15	17

**T139 R34 S2 QQQ: CBC**  
**Obwell # 29005**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 46.0  
 Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	40.2	40.2	40.3	40.5	40.6	40.6	40.5	40.3	40.4	40.4	40.3	40.4
High WL	37.9	37.7	37.7	37.8	38.0	38.2	38.1	38.0	37.9	36.8	38.0	38.2
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Low WL	41.9	41.8	41.8	41.9	41.8	41.8	41.6	41.6	41.6	41.8	42.0	42.1
Lo Yr	1977	1977	1977	1978	1978	1978	1978	1977	1978	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	41.49	41.41	41.39			41.55	41.24	41.18	41.23	41.39	41.58	41.73
Day	16	15	14			16	17	14	14	16	15	17

**T139 R34 S24 QQQ: DDD**  
**Obwell # 29032**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 135.0  
 Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	31.1	31.0	31.1	31.5	31.6	31.5	31.3	31.3	31.8	33.9	33.0	31.8
High WL	29.1	29.1	29.2	29.5	29.7	29.7	29.5	29.3	30.2	29.5	29.8	29.5
Hi Yr	1986	1986	1986	1986	1986	1987	1986	1986	1986	1986	1986	1986
Low WL	33.2	33.0	32.9	33.1	33.0	33.2	32.8	32.9	33.0	36.9	39.5	34.4
Lo Yr	1989	1989	1989	1989	1989	1989	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	33.15	32.96	32.90			32.93	32.80	32.87	33.00	36.88	39.53	34.40
Day	16	15	16			16	17	15	14	16	15	17

Hubbard County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T139 R34 S26 QQQ: CCD**  
Obwell # 29001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.5  
Years of Record: 17

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.9	16.9	17.1	16.9	17.0	17.8	17.6	17.5	17.7	17.0	17.2	17.4
High WL	14.4	14.4	14.5	15.2	15.2	15.0	15.0	14.6	14.7	14.6	14.7	14.9
Hi Yr	1986	1986	1986	1986	1986	1987	1975	1986	1986	1975	1975	1986
Low WL	19.1	18.9	18.9	18.8	18.9	26.8	26.5	26.0	27.9	19.2	20.1	20.3
Lo Yr	1989	1989	1989	1989	1989	1979	1979	1979	1979	1990	1990	1990
<b>WATER YEAR 90</b>							18.63	18.61	18.66	19.15	20.14	20.33
Rdg	19.05	18.89	18.91				17	15	14	16	15	17
Day	16	15	14									

**T139 R34 S32 QQQ: CBD**  
Obwell # 29006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.5  
Years of Record: 17

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.9	23.8	23.8	24.0	24.1	24.0	24.0	23.9	24.0	24.3	24.5	24.4
High WL	21.5	21.5	21.6	22.0	22.3	22.5	22.3	22.4	22.6	22.7	22.3	22.1
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1975	1975	1985
Low WL	25.4	25.2	25.1	25.2	25.3	25.3	25.5	25.5	25.6	25.7	26.2	26.1
Lo Yr	1977	1988	1988	1977	1977	1977	1977	1977	1977	1977	1990	1990
<b>WATER YEAR 90</b>							24.21	24.51	24.66	24.85	25.39	26.19
Rdg	25.39	25.06	24.81				16	17	15	14	16	17
Day	16	15	14									

**T139 R35 S3 QQQ: CAA**  
Obwell # 29019

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 55.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.8						6.2	5.3				
High WL	2.4						3.3	5.4				
Hi Yr	1985						1986	1984				
Low WL	6.2						12.0	5.4				
Lo Yr	1988						1988	1984				
<b>WATER YEAR 90</b>							6.97					
Rdg	5.98						13					
Day	16											

**T139 R35 S6 QQQ: CCC1**  
Obwell # 29039

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 113.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.1	21.2	21.4			22.0	22.0	21.6	21.3	21.2	21.4	21.4
High WL	21.2	21.2	21.4			22.0	22.1	21.7	21.3	21.0	21.2	21.3
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1989
Low WL	21.2	21.2	21.4			22.0	22.1	21.7	21.3	21.3	21.5	21.5
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1989	1989	1990
<b>WATER YEAR 90</b>						22.02	22.05	21.65	21.28	21.03	21.20	21.50
Rdg	21.15	21.22	21.42			16	13	15	14	16	15	17
Day	16	15	14									

## Hubbard County

## DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T139 R35 S10** QQQ: BAB  
Obwell # 29033

Aquifer: QBAA  
Observer: SWCD

Depth: 200.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.4	25.5	26.0	25.3	25.5	25.8	25.8	25.9	26.0	26.2	25.7	25.4
High WL	22.7	23.0	23.2	23.5	23.7	23.9	23.8	23.7	23.8	23.8	23.2	22.9
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1986	1985	1985
Low WL	27.7	27.7	27.6	27.2	27.3	27.7	27.5	27.8	28.0	28.9	27.8	28.0
Lo Yr	1988	1988	1987	1989	1989	1988	1988	1988	1988	1988	1989	1988
<u>WATER YEAR 90</u>					25.58	25.73	25.83	25.97	26.28	26.60	26.56	
Rdg	27.20	27.31	27.37									
Day	16	15	14		16	13	15	14	16	15	17	

**T139 R35 S10** QQQ: BAB  
Obwell # 29035

Aquifer: QWTA  
Observer: SWCD

Depth: 29.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.4	25.5	25.1	25.4	25.4	25.7	25.6	25.7	25.7	25.9	25.9	25.7
High WL	24.6	24.5	24.6	25.3	25.3	24.5	24.4	24.6	24.7	25.3	25.0	24.9
Hi Yr	1989	1989	1987	1989	1989	1988	1988	1989	1989	1989	1988	1989
Low WL	26.4	26.4	25.9	25.5	25.6	26.4	26.6	26.8	26.7	26.7	27.0	26.9
Lo Yr	1987	1987	1986	1986	1986	1987	1990	1990	1990	1987	1990	1990
<u>WATER YEAR 90</u>					26.40	26.63	26.78	26.73	26.66	27.02	26.85	
Rdg	24.56	24.53	24.60									
Day	16	15	14		16	13	15	14	16	15	17	

**T139 R35 S11** QQQ: ABD1  
Obwell # 29042

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 75.5  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.8	10.8	10.7			10.7	11.0	11.1	11.2	12.1	12.2	11.3
High WL	10.8	10.8	10.7			10.7	11.0	11.1	11.2	12.0	11.8	10.9
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1989
Low WL	10.8	10.8	10.7			10.7	11.0	11.1	11.2	12.2	12.6	11.6
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1989	1990	1990
<u>WATER YEAR 90</u>					10.66	10.99	11.10	11.21	11.98	12.60	11.61	
Rdg	10.79	10.80	10.70									
Day	16	15	14		16	17	15	14	16	15	17	

**T139 R35 S13** QQQ: DAD1  
Obwell # 29007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 52.0  
Years of Record: 17

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.9	39.5	39.5	39.8	40.0	40.2	40.0	40.0	40.0	40.7	40.8	40.5
High WL	35.8	36.0	35.8	36.9	37.4	37.7	37.7	37.8	37.7	37.8	35.7	36.0
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1982	1985	1985
Low WL	42.3	42.2	41.5	41.4	41.5	42.2	42.4	42.1	42.5	43.7	43.5	42.6
Lo Yr	1976	1976	1988	1981	1981	1977	1981	1977	1988	1988	1977	1976
<u>WATER YEAR 90</u>					40.55	40.44	40.45	40.51	41.14	42.35	42.56	
Rdg	41.20	40.73	40.50									
Day	16	15	14		16	17	15	14	16	15	17	

Hubbard County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T140 R32 S32** QQQ: **BBA1**  
**Obwell # 29008**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 25.5  
 Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	23.5	23.5	23.6	23.8	23.8	23.8	23.7	23.6	23.6	23.6	23.8	23.6
High WL	21.8	21.8	22.0	22.2	22.3	22.4	22.2	22.0	21.9	21.7	21.8	21.9
Hi Yr	1986	1975	1986	1986	1986	1987	1986	1986	1986	1975	1975	1975
Low WL	24.8	24.8	24.9	25.0	25.5	24.8	24.9	24.8	24.8	25.0	25.3	24.7
Lo Yr	1981	1988	1988	1989	1989	1982	1981	1989	1989	1989	1989	1977
<u>WATER YEAR 90</u>												
Rdg	24.52	24.42	24.50			24.31		24.60	24.73	24.87	25.07	
Day	16	15	14			16		14	14	16	15	

**T140 R33 S20** QQQ: **AAA**  
**Obwell # 29009**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 53.5  
 Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	48.6	49.2	50.1	50.7	50.7	50.4	49.7	48.5	47.5	46.9	47.3	48.1
High WL	45.4	45.8	48.3	48.4	48.0	47.6	47.1	45.6	44.3	43.7	43.7	43.9
Hi Yr	1985	1979	1985	1986	1986	1986	1986	1986	1986	1986	1985	1985
Low WL	51.3	51.2	52.4	52.5	52.7	53.5	53.0	51.6	50.5	50.0	50.4	50.9
Lo Yr	1977	1977	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	49.03	49.81	50.34			50.33	49.82	49.50	47.29	46.98	47.83	49.02
Day	16	15	14			16	17	14	14	16	15	17

**T140 R33 S28** QQQ: **CAB**  
**Obwell # 29002**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 34.0  
 Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	28.1	28.2	28.3	28.4	28.6	28.5	28.4	28.3	28.2	28.2	28.3	28.3
High WL	25.5	26.7	26.9	27.1	27.3	27.4	27.2	26.8	26.9	27.0	26.4	26.7
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1986	1986	1985
Low WL	29.5	29.5	29.5	29.6	29.6	29.6	29.5	29.3	29.4	29.4	29.5	29.4
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	28.33	28.33	28.50			28.65	28.51	28.40	28.34	28.49	28.78	28.93
Day	16	15	14			16	17	15	14	16	15	17

**T140 R35 S16** QQQ: **BCC1**  
**Obwell # 29011**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 26.0  
 Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	15.8	16.0	16.0	16.4	16.5	16.3	16.2	16.0	16.1	16.0	16.0	16.0
High WL	13.0	12.9	13.0	13.2	13.4	13.5	13.3	12.9	12.8	12.8	12.9	13.1
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Low WL	18.0	18.0	17.9	17.9	17.9	18.1	18.0	18.1	18.1	18.0	18.0	18.0
Lo Yr	1977	1977	1977	1978	1978	1978	1981	1981	1981	1981	1981	1981
<u>WATER YEAR 90</u>												
Rdg	15.74	15.58	15.64			15.89	15.79	15.67	15.74	15.93	16.17	16.37
Day	16	15	14			15	13	15	14	16	15	17

Hubbard County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T140 R35 S23 QQQ: CDD**  
Obwell # 29046

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 66.0  
Years of Record: 2

<u>HISTORICAL</u>	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.0	23.1	23.1			23.2	23.8	23.9	24.0	24.2	24.4	24.0
High WL	23.1	23.1	23.1			23.2	23.8	23.9	24.0	24.2	24.3	23.6
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1989
Low WL	23.1	23.1	23.1			23.2	23.8	23.9	24.0	24.2	24.5	24.4
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>						23.23	23.81	23.92	23.96	24.19	24.45	24.43
Rdg	23.05	23.08	23.10			16	13	15	14	16	15	17
Day	16	15	14									

**T140 R35 S28 QQQ: DCC**  
Obwell # 29031

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 91.0  
Years of Record: 6

<u>HISTORICAL</u>	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.8	8.1	8.3	9.4	9.7	9.3	8.8	8.6	8.3	9.0	8.5	8.5
High WL	4.9	5.2	5.6	6.3	6.6	6.7	5.7	4.8	5.1	4.9	4.7	5.1
Hi Yr	1986	1986	1986	1986	1986	1987	1986	1986	1986	1986	1986	1986
Low WL	10.2	10.7	10.9	11.1	11.3	11.5	10.8	10.3	10.4	11.0	11.0	11.2
Lo Yr	1989	1988	1988	1989	1989	1989	1985	1989	1990	1990	1989	1990
<u>WATER YEAR 90</u>						10.38	10.40	10.22	10.41	10.96	10.97	11.19
Rdg	10.21	10.20	10.39			16	13	15	14	16	15	17
Day	16	15	14									

**T140 R35 S31 QQQ: CCC**  
Obwell # 29034

Aquifer: QBAA  
Observer: SWCD

Depth: 435.0  
Years of Record: 6

<u>HISTORICAL</u>	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.5	23.2	23.2	22.9	23.1	23.2	23.1	23.1	23.6	25.1	25.9	24.1
High WL	21.6	21.7	21.7	21.8	21.9	22.0	22.0	21.8	22.6	23.4	23.2	22.2
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1986	1985	1985
Low WL	25.0	24.6	25.0	24.1	24.3	24.1	23.8	23.7	24.5	26.9	28.5	25.7
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1990	1988	1988	1989	1990
<u>WATER YEAR 90</u>						23.70	23.73	23.65	23.83	25.50	27.92	25.65
Rdg	24.58	24.04	23.79			16	13	15	14	16	15	17
Day	16	15	14									

**T140 R35 S32 QQQ: CBB**  
Obwell # 29047

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

<u>HISTORICAL</u>	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.5	24.0	23.9			24.2	24.3	25.1	25.6	25.7	25.7	25.7
High WL	24.5	24.0	23.9			24.2	24.3	25.1	24.8	24.6	25.0	25.0
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1989
Low WL	24.5	24.0	23.9			24.2	24.3	25.1	26.5	26.9	26.3	26.3
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1990
<u>WATER YEAR 90</u>						24.17	24.30	25.07	24.76	24.60	26.28	26.28
Rdg	24.46	23.97	23.91			13	15	14	16	15	17	
Day	16	15	14									

## SUMMARY FOR 1990 WATER YEAR

**T143 R34 S5 QQQ: ACA**  
Obwell # 29036

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.5  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	19.6	19.7	19.8			20.2	19.7	19.3	19.3	18.7	19.7	19.9
High WL	19.6	19.7	19.8			20.2	19.4	18.8	18.8	17.7	19.3	19.5
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1989	1989
Low WL	19.6	19.7	19.8			20.2	20.0	19.8	19.8	19.7	20.1	20.3
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	19.60	19.73	19.82			20.19	19.99	19.84	19.76	19.72	20.05	20.28
Day	16	15	13			12	17	14	14	16	15	18

**T145 R34 S24 QQQ: CAC**  
Obwell # 29037

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.9	14.7	13.8			14.0	9.6	9.7	9.7	13.8	13.9	14.0
High WL	13.9	14.7	13.8			14.0	5.1	5.4	5.4	13.8	13.5	13.5
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1990	1989	1989
Low WL	13.9	14.7	13.8			14.0	14.2	14.0	14.0	13.8	14.2	14.4
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	13.90	14.69	13.75			14.02	14.18	14.04	14.00	13.81	14.18	14.39
Day	16	15	13			12	17	14	14	16	15	18

**T145 R34 S35 QQQ: DCC**  
Obwell # 29038

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.8  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.1	5.1	4.9			4.4	8.5	8.3	8.3	5.0	5.4	5.3
High WL	5.1	5.1	4.9			4.4	4.6	4.6	4.8	4.9	5.2	5.1
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1989	1989	1989
Low WL	5.1	5.1	4.9			4.4	12.4	12.1	11.9	5.1	5.7	5.6
Lo Yr	1989	1989	1989			1990	1989	1989	1989	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	5.09	5.12	4.89			4.40	4.59	4.58	4.79	5.13	5.68	5.58
Day	16	15	13			12	17	14	14	16	15	18

Isanti County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T34 R24 S17 QQQ: DCC2**  
Obwell # 30004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 17.6  
Years of Record: 6

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.5	8.7	8.8	9.2	9.3	9.3	9.0	8.1	8.6	8.2	8.1	8.0
High WL	5.6	5.8	6.8	7.3	8.2	6.9	6.3	4.7	5.6	6.4	5.9	5.6
Hi Yr	1986	1986	1986	1986	1987	1986	1986	1986	1986	1986	1990	1985
Low WL	10.8	10.8	11.1	10.2	10.4	11.1	10.9	9.7	10.0	9.7	10.2	10.3
Lo Yr	1989	1989	1989	1988	1988	1990	1990	1988	1990	1989	1989	1989
<u>WATER YEAR 90</u>						11.12	10.88		9.98	7.19	5.94	6.44
Rdg	10.77	10.76	11.05			26	30		5	31	31	27
Day	30	29	29									

**T35 R23 S3 QQQ: BAB2**  
Obwell # 30007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 6

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.9	23.9	24.0	23.8	23.3	24.2	23.8	23.9	24.5	24.1	24.0	23.9
High WL	21.7	21.7	22.0	22.3	21.9	22.0	21.9	21.4	21.3	21.4	21.7	21.6
Hi Yr	1985	1986	1986	1986	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	26.2	26.2	26.2	24.5	24.6	26.3	25.7	26.1	26.2	26.3	26.2	26.0
Lo Yr	1989	1989	1989	1988	1988	1990	1989	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>						26.34		26.14	25.90	25.17	24.54	24.15
Rdg	26.15	26.17	26.23			26		1	5	31	31	27
Day	30	29	29									

**T35 R23 S5 QQQ: CCC2**  
Obwell # 30006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.0  
Years of Record: 6

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.8	15.7	15.7	15.8	15.7	16.2	15.6	16.0	15.9	15.4	15.5	15.5
High WL	13.7	13.7	13.9	14.1	14.6	14.5	13.8	13.1	13.1	13.2	13.6	13.8
Hi Yr	1985	1985	1985	1986	1987	1986	1986	1986	1986	1986	1986	1986
Low WL	17.9	17.4	17.5	16.7	16.8	17.7	17.2	17.6	17.4	17.1	17.2	17.2
Lo Yr	1988	1989	1989	1988	1988	1990	1989	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>						17.74		17.64	17.35	15.77	15.28	15.07
Rdg	17.40	17.38	17.53			26		1	5	31	31	27
Day	30	29	29									

**T35 R24 S14 QQQ: BCD1**  
Obwell # 30001

Aquifer: CMTSCMITS  
Observer: USGS

Depth: 30.0  
Years of Record: 23

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.6	13.3	13.5	13.8	15.1	14.0	13.9	13.6	13.4	13.4	14.0	13.8
High WL	11.3	11.5	11.6	12.0	13.4	12.2	12.1	12.5	11.2	12.0	11.6	11.9
Hi Yr	1986	1985	1986	1987	1969	1987	1976	1979	1986	1975	1986	1985
Low WL	16.2	14.5	15.5	14.6	17.2	15.7	15.7	15.3	15.4	14.8	15.6	16.0
Lo Yr	1989	1970	1988	1971	1985	1968	1968	1968	1989	1968	1989	1989
<u>WATER YEAR 90</u>		16.16						15.30			14.56	
Rdg		31						15			1	
Day												

Isanti County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T35 R24 S14 QQQ: CDC1**  
Obwell # 30002

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 17.0  
Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.1	8.0	8.0	8.5	8.3	8.4	8.3	7.8	7.6	7.9	8.0	8.2
High WL	2.6	4.9	5.1	6.3	6.9	6.5	5.8	4.9	2.5	5.5	3.0	4.4
Hi Yr	1986	1985	1986	1987	1986	1976	1969	1985	1986	1985	1986	1985
Low WL	10.9	9.6	9.4	9.8	10.5	10.0	10.6	10.1	10.0	9.1	10.4	10.7
Lo Yr	1989	1976	1980	1981	1968	1981	1968	1990	1989	1977	1989	1989
<u>WATER YEAR 90</u>												
Rdg	10.87							10.05			8.90	
Day	31							15			1	

**T36 R23 S23 QQQ: BBB2**  
Obwell # 30008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 29.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.6	12.7	13.0	12.2	12.1	12.7	12.4	12.1	12.9	12.5	12.7	12.4
High WL	10.0	10.3	10.6	10.7	10.9	9.7	9.1	9.5	9.8	10.1	10.4	9.1
Hi Yr	1985	1985	1985	1986	1987	1986	1986	1986	1986	1986	1985	1986
Low WL	15.7	15.7	16.0	13.1	13.4	16.0	15.3	14.3	14.4	15.4	15.0	15.5
Lo Yr	1989	1989	1989	1988	1988	1990	1990	1989	1989	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	15.67	15.72	15.99			15.96	15.32		14.24	12.23	12.91	13.33
Day	30	29	29			26	30		5	31	31	27

**T36 R25 S15 QQQ: CAB2**  
Obwell # 30005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.5  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	16.4	16.5	16.7	15.9	15.4	17.2	17.2	16.6	17.3	17.1	16.8	16.7
High WL	13.5	13.4	13.5	14.8	14.1	14.4	14.7	14.7	14.4	14.3	14.0	13.7
Hi Yr	1986	1986	1986	1986	1987	1987	1987	1986	1986	1986	1986	1986
Low WL	19.7	19.7	19.8	16.6	16.7	19.9	20.0	19.3	19.9	19.2	19.6	19.6
Lo Yr	1989	1989	1989	1988	1988	1990	1990	1989	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	19.72	19.68	19.81			19.92	20.00		19.91	19.10	18.84	18.43
Day	30	29	29			26	30		5	31	31	27

## SUMMARY FOR 1990 WATER YEAR

**T55 R25 S17 QQQ: ACD1**  
Obwell # 31000

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 147.0  
Years of Record: 29

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	31.7	31.7	31.8	31.9	32.2	32.2	32.2	31.9	31.7	31.3	31.7	31.8
High WL	30.5	30.7	30.9	31.0	31.2	31.2	30.8	29.5	29.3	29.8	30.2	30.4
Hi Yr	1975	1966	1966	1967	1967	1976	1966	1966	1966	1966	1975	1966
Low WL	33.7	33.5	33.3	33.7	33.5	33.8	33.8	33.9	33.5	32.6	33.4	33.7
Lo Yr	1977	1976	1978	1977	1979	1979	1979	1977	1977	1962	1977	1977
<u>WATER YEAR 90</u>												
Rdg	31.27	31.25	31.45			31.64	31.49	31.46			31.46	31.82
Day	3	14	25			5	19	29			12	24

**T148 R25 S8 QQQ: DDD1**  
Obwell # 31002

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 10.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.0	5.8	6.3	6.5	6.4	6.4	5.7	5.5	6.0	5.9	6.1	6.1
High WL	5.0	4.8	5.4	5.3	5.9	5.3	4.7	4.6	4.8	4.4	5.0	5.0
Hi Yr	1979	1979	1981	1983	1981	1979	1980	1982	1974	1979	1979	1978
Low WL	7.3	6.6	7.2	7.6	7.4	7.5	6.3	6.3	7.0	6.9	7.3	7.7
Lo Yr	1976	1987	1988	1985	1977	1989	1987	1987	1988	1990	1988	1990
<u>WATER YEAR 90</u>												
Rdg	6.32	6.54					6.04		6.39	6.87		7.68
Day	10	20					30		13	24		6

## SUMMARY FOR 1990 WATER YEAR

**T102 R36 S17 QQQ: CCAB**  
Obwell # **32003**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 86.0  
Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	16.9	17.3	17.4			17.7	17.2	15.4	15.9	15.8	15.9	16.2
High WL	16.5	16.5	16.5			16.6	16.2	13.4	15.8	15.0	14.8	15.0
Hi Yr	1988	1988	1988			1989	1989	1988	1990	1990	1990	1990
Low WL	17.4	18.1	18.4			18.8	18.1	17.4	16.1	16.6	17.1	17.5
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	17.39	18.06	18.35			18.76	18.13	17.37	15.82	15.00	14.80	14.95
Day	20	14	15			13	12	14	14	13	15	14

**T102 R36 S17 QQQ: CCAB**  
Obwell # **32004**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.0  
Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.0	14.2	14.2			14.6	13.8	11.9	12.4	12.3	12.6	12.9
High WL	13.4	13.4	13.4			13.5	12.9	9.6	12.3	11.5	11.3	11.6
Hi Yr	1988	1988	1988			1989	1989	1988	1990	1990	1990	1990
Low WL	14.6	14.9	15.1			15.7	14.7	14.1	12.6	13.2	13.8	14.2
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	14.64	14.87	15.06			15.66	14.68	14.05	12.28	11.48	11.34	11.56
Day	20	14	15			13	12	14	14	13	15	14

**T104 R35 S19 QQQ: CCAB**  
Obwell # **32005**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 251.0  
Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	87.2	87.1	87.1			87.0	87.1	86.8	87.1	87.3	87.3	87.3
High WL	87.0	86.9	86.8			86.7	86.8	86.3	87.0	87.1	86.8	86.9
Hi Yr	1988	1988	1988			1989	1989	1988	1989	1989	1988	1988
Low WL	87.4	87.4	87.3			87.3	87.5	87.3	87.3	87.5	87.6	87.7
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	87.41	87.38	87.32			87.32	87.47	87.27	87.28	87.47	87.62	87.68
Day	20	14	15			13	12	14	14	13	15	14

**T104 R37 S19 QQQ: DBD1**  
Obwell # **32000**

Aquifer: PYSXPYSX  
Observer: USGS

Depth: 323.0  
Years of Record: 24

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	64.0	63.5	63.2	62.7	63.3	62.6	63.5	62.2	63.4	63.6	64.0	64.4
High WL	61.8	61.8	61.4	61.0	62.9	60.9	62.8	61.5	62.0	61.7	59.2	62.2
Hi Yr	1986	1985	1986	1987	1980	1987	1983	1986	1988	1986	1972	1986
Low WL	65.2	65.1	64.3	64.3	64.0	64.0	64.6	62.9	64.1	66.1	65.7	65.9
Lo Yr	1980	1981	1978	1981	1979	1981	1982	1980	1982	1981	1982	1981
<u>WATER YEAR 90</u>												
Rdg		63.97			63.70			63.64				65.19
Day		29			17			11				4

## SUMMARY FOR 1990 WATER YEAR

**T38 R23 S7 QQQ: DBB1**  
Obwell # 33009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.5  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.8	13.6	13.4	13.8	14.1	13.6	13.9	13.8	13.7	13.6	13.5	13.7
High WL	11.8	12.1	10.7	13.0	13.1	9.9	12.6	12.1	11.6	11.7	12.0	11.8
Hi Yr	1986	1986	1985	1984	1984	1982	1984	1984	1984	1984	1984	1986
Low WL	15.4	15.3	15.3	14.9	15.1	15.5	15.1	14.8	14.7	14.9	15.0	15.3
Lo Yr	1989	1988	1988	1981	1981	1989	1990	1990	1990	1989	1988	1989
<b>WATER YEAR 90</b>							15.09	14.79	14.69	14.30	14.49	
Rdg	15.42						25	22	21	31	24	
Day	31											

**T39 R23 S5 QQQ: DAC1**  
Obwell # 33005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.4	15.7	16.3	16.4	16.7	17.1	17.7	16.2	15.9	16.1	16.0	16.0
High WL	12.7	11.4	13.9	15.3	15.5	14.8	14.3	12.6	11.0	12.3	13.3	12.1
Hi Yr	1986	1986	1986	1984	1984	1984	1984	1986	1984	1984	1984	1986
Low WL	19.1	18.6	19.0	17.9	18.3	19.4	27.3	20.2	19.9	18.7	18.4	18.9
Lo Yr	1989	1988	1988	1981	1981	1989	1990	1990	1990	1990	1990	1989
<b>WATER YEAR 90</b>							27.26	20.18	19.93	18.68	18.44	
Rdg	19.13						25	22	21	31	24	
Day	31											

**T39 R24 S11 QQQ: DDC1**  
Obwell # 33000

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 170.0  
Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	38.8	38.6	39.6	39.4	40.0	41.0	40.4	38.9	38.6	38.1	38.6	38.6
High WL	30.1	31.8	32.3	33.1	33.6	34.5	32.3	29.8	29.6	30.3	31.6	30.7
Hi Yr	1986	1984	1986	1987	1987	1987	1973	1986	1986	1984	1986	1986
Low WL	45.5	45.5	45.4	46.5	46.3	46.9	45.5	45.9	44.8	44.9	45.4	45.5
Lo Yr	1989	1988	1989	1990	1990	1990	1989	1990	1990	1988	1989	1989
<b>WATER YEAR 90</b>							45.25	45.85	44.80	43.85	43.74	44.00
Rdg	45.50	45.28	45.40	46.51	46.25	46.90	5	8	4	2	6	4
Day	3	6	4	2	5	5						

**T39 R24 S20 QQQ: DDD1**  
Obwell # 33011

Aquifer: TILLTILL  
Observer: SWCD

Depth: 25.7  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.3	5.3	5.6	5.7	5.7	5.6	5.6	5.4	5.4	5.7	5.5	5.4
High WL	3.4	4.5	4.7	5.6	5.7	5.0	5.1	4.3	4.5	4.6	4.7	4.3
Hi Yr	1985	1985	1985	1984	1984	1987	1987	1986	1986	1986	1986	1986
Low WL	6.5	6.0	6.7	5.9	5.7	6.3	6.7	6.0	6.1	6.3	6.4	6.6
Lo Yr	1989	1988	1989	1983	1984	1989	1990	1990	1989	1989	1990	1989
<b>WATER YEAR 90</b>							6.74	5.99	5.49	5.98	6.35	
Rdg	6.53						25	22	21	31	24	
Day	31											

Kandiyohi County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T120 R33 S36 QQQ: DCC**  
Obwell # **34041**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 38.5  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.1	18.0	16.3			15.6	15.2	15.1	14.9	22.5	17.0	16.5
High WL	8.9	16.7	16.3			15.6	10.3	15.1	14.9	22.5	16.5	15.8
Hi Yr	1986	1982	1982			1983	1984	1983	1983	1983	1983	1983
Low WL	20.5	19.2	16.3			15.6	20.7	15.1	14.9	22.5	17.4	17.1
Lo Yr	1989	1988	1982			1983	1990	1983	1983	1983	1982	1982
<b>WATER YEAR 90</b>							20.70					
Rdg	20.50						13					
Day	16											

**T121 R33 S27 QQQ: D**  
Obwell # **34042**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 46.0  
Years of Record: 9

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.3	4.9	3.4			2.7	3.7	3.2	1.7	7.3	5.7	4.1
High WL	2.5	3.2	3.4			2.7	2.3	3.2	1.7	5.4	5.2	4.0
Hi Yr	1986	1982	1982			1983	1984	1983	1983	1982	1983	1983
Low WL	7.0	6.7	3.4			2.7	5.9	3.2	1.7	9.2	6.2	4.2
Lo Yr	1988	1988	1982			1983	1990	1983	1983	1983	1982	1982
<b>WATER YEAR 90</b>							5.90					
Rdg	6.70						13					
Day	16											

**T121 R34 S10 QQQ: C**  
Obwell # **34043**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 74.0  
Years of Record: 9

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	-1.3	-0.9					-1.3			2.8	6.1	5.8
High WL	-3.2	-1.9					-3.2			2.8	6.1	2.8
Hi Yr	1985	1988	1982			1983	1986	1983	1983	1982	1982	1983
Low WL	2.7						2.7			2.8	6.1	8.7
Lo Yr	1983	1982	1982			1983	1985	1983	1983	1983	1982	1982
<b>WATER YEAR 90</b>							-2.20					
Rdg	-2.20						13					
Day	16											

**T122 R33 S4 QQQ: BCD1**  
Obwell # **34001**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 17.0  
Years of Record: 25

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.4	8.6	8.8	9.3	9.6	8.8	8.2	8.4	7.9	8.0	8.4	8.4
High WL	4.0	4.7	5.5	7.0	7.6	3.3	4.7	3.9	2.6	3.1	3.6	2.6
Hi Yr	1986	1986	1983	1985	1985	1984	1984	1986	1986	1986	1986	1986
Low WL	12.1	12.2	12.3	11.1	11.4	12.6	12.1	11.9	11.9	11.4	11.7	11.9
Lo Yr	1988	1988	1988	1977	1977	1989	1990	1990	1990	1988	1988	1988
<b>WATER YEAR 90</b>						12.10	12.10	11.90	11.90	11.40	11.50	11.60
Rdg	12.00	12.20	12.30			19	13	17	13	19	16	21
Day	16	22	19									

Kandiyohi County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T122 R33 S28** QQQ: **CBA**  
**Obwell # 34045**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 57.0  
 Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.0	27.0	27.1			27.5	28.0	27.8	27.2	29.9	28.2	27.4
High WL	21.7	22.2	22.7			24.1	24.0	22.8	22.9	23.6	22.4	22.9
Hi Yr	1986	1986	1986			1987	1984	1986	1986	1986	1986	1986
Low WL	31.8	32.0	32.9			32.4	32.4	32.4	32.4	34.7	39.8	31.8
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1983	1990	1990
<u>WATER YEAR 90</u>												
Rdg	31.80	32.00	32.90			32.40	32.40	32.40	32.40	31.90	39.80	31.80
Day	16	22	19			19	13	17	13	19	16	21

**T122 R34 S2** QQQ: **BBC**  
**Obwell # 34049**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 187.0  
 Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.7	9.5	9.7			9.9	9.5	9.6	10.6	17.5	18.9	10.8
High WL	6.9	6.9	7.7			8.3	7.5	7.2	6.9	6.9	10.5	6.9
Hi Yr	1986	1986	1986			1986	1986	1986	1986	1986	1985	1986
Low WL	12.6	12.3	12.1			12.1	11.4	11.5	17.6	29.4	28.5	13.9
Lo Yr	1988	1988	1988			1989	1990	1990	1988	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	12.40	11.80	11.80			11.70	11.40	11.50	11.00	20.80	27.20	11.60
Day	16	22	19			19	13	17	13	19	16	21

**T122 R34 S6** QQQ: **CBC1**  
**Obwell # 34002**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 23.0  
 Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.7	9.7	9.7	9.9	10.0	9.4	8.5	8.8	8.9	9.3	9.7	9.7
High WL	7.6	7.9	8.0	8.5	8.5	7.1	4.7	7.1	5.9	6.6	7.4	6.0
Hi Yr	1986	1981	1971	1973	1976	1982	1979	1986	1986	1986	1986	1986
Low WL	11.6	11.6	11.6	11.6	11.6	11.1	10.8	10.3	10.5	10.9	11.4	11.5
Lo Yr	1988	1988	1988	1977	1977	1968	1968	1977	1988	1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg	10.80	10.80	11.00			10.90	10.60	10.10	9.80	9.60	10.20	9.70
Day	16	22	19			19	13	17	13	19	16	21

**T122 R34 S14** QQQ: **BAC**  
**Obwell # 34046**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 28.5  
 Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.3	3.4	3.5			3.4	3.2	3.4	3.2	5.3	4.0	2.9
High WL	1.5	1.3	1.3			1.1	1.3	1.5		1.5	1.7	0.2
Hi Yr	1983	1983	1983			1984	1984	1985	1983	1986	1983	1990
Low WL	6.8	6.8	7.3			7.0	6.8	6.0	6.1	9.0	8.5	6.6
Lo Yr	1989	1989	1989			1989	1990	1990	1988	1985	1988	1988
<u>WATER YEAR 90</u>												
Rdg	6.80	6.80	7.30			6.80	6.80	6.00	5.70	5.60	6.20	0.20
Day	16	22	19			19	13	17	13	19	16	21

Kandiyohi County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T122 R34 S19 QQQ: C**  
Obwell # 34047Aquifer: QWTAQWTA  
Observer: SWCDDepth: 33.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.2	5.5	5.7			5.9	5.5	5.6	5.4	5.8	6.2	6.1
High WL	3.2	1.7	1.4			4.1	4.0	3.7	2.8	2.7	2.9	2.8
Hi Yr	1986	1982	1982			1984	1986	1986	1986	1986	1986	1986
Low WL	9.6	9.0	10.4			8.9	8.5	7.9	7.8	8.6	9.4	9.2
Lo Yr	1987	1988	1989			1989	1990	1990	1988	1989	1988	1988
<u>WATER YEAR 90</u>	Rdg	8.90	8.90	10.40		8.50	8.50	7.90	7.60	7.40	8.20	7.80
	Day	16	22	19		19	13	17	13	19	16	21

**T122 R34 S28 QQQ: ADDB**  
Obwell # 34052Aquifer: QBAA  
Observer:Depth: 244.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.1	2.6	2.6			2.3	2.1	1.6	1.8	2.4	4.1	2.9
High WL	3.1	2.6	2.6			2.3	2.1	1.5	1.7	2.1	4.0	2.4
Hi Yr	1989	1989	1989			1990	1990	1989	1989	1990	1990	1990
Low WL	3.1	2.6	2.6			2.3	2.1	1.8	1.9	2.7	4.1	3.4
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>	Rdg	3.10	2.60	2.60		2.30	2.10	1.80	1.90	2.10	4.00	2.40
	Day	16	22	19		19	13	17	13	19	16	21

**T122 R34 S28 QQQ: ADDB**  
Obwell # 34053Aquifer: QWTA  
Observer: SWCDDepth: 14.5  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.6	5.4	5.4			5.1	4.9	4.6	4.8	4.9	5.4	5.1
High WL	5.6	5.4	5.4			5.1	4.9	4.6	4.7	4.7	5.1	4.7
Hi Yr	1989	1989	1989			1990	1989	1990	1990	1990	1990	1990
Low WL	5.6	5.4	5.4			5.1	4.9	4.7	4.9	5.2	5.7	5.5
Lo Yr	1989	1989	1989			1990	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 90</u>	Rdg	5.60	5.40	5.40		5.10	4.90	4.60	4.70	4.70	5.10	4.70
	Day	16	22	19		19	13	17	13	19	16	21

**T122 R34 S29 QQQ: BCB1**  
Obwell # 34050Aquifer: QWTAQWTA  
Observer: SWCDDepth: 20.2  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.7	7.7	6.8			7.0	8.0	7.1	6.2	7.7	7.4	8.5
High WL	3.6	4.7	4.1			4.5	3.9	3.2	1.9	2.1	2.2	1.9
Hi Yr	1986	1985	1985			1986	1986	1987	1986	1986	1986	1986
Low WL	8.8	9.1	8.9			8.8	13.9	11.9	10.4	13.1	10.8	17.3
Lo Yr	1987	1988	1988			1989	1988	1988	1988	1987	1987	1990
<u>WATER YEAR 90</u>	Rdg	8.60	8.50	8.50		8.50	8.40	8.30	8.30	7.70	8.10	17.30
	Day	16	22	19		19	13	17	13	19	16	21

Kandiyohi County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

T122 R34 S31 QQQ: CBCB  
Obwell # 34054

Aquifer: QBAA  
Observer: SWCD

Depth: 192.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	51.2	51.0	51.1			51.1	50.9	45.6	50.4	52.3	53.9	51.2
High WL	51.2	51.0	51.1			51.1	50.9	40.0	50.1	51.8	53.8	51.0
Hi Yr	1989	1989	1989			1990	1990	1989	1989	1989	1989	1990
Low WL	51.2	51.0	51.1			51.1	50.9	51.2	50.8	52.8	54.1	51.3
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1989
<u>WATER YEAR 90</u>												
Rdg	51.20	51.00	51.10			51.10	50.90	51.20	50.80	52.80	54.10	51.00
Day	16	22	19			19	13	17	13	19	16	21

T122 R34 S31 QQQ: CBCB  
Obwell # 34055

Aquifer: QWTA  
Observer: SWCD

Depth: 52.3  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	41.1	41.4	41.4			41.5	40.7	40.8	40.9	40.8	41.4	41.1
High WL	41.1	41.4	41.4			41.5	40.0	40.2	40.3	40.6	41.1	41.0
Hi Yr	1989	1989	1989			1990	1989	1989	1989	1989	1990	1989
Low WL	41.1	41.4	41.4			41.5	41.4	41.5	41.5	40.9	41.8	41.2
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1990
<u>WATER YEAR 90</u>												
Rdg	41.10	41.40	41.40			41.50	41.40	41.50	41.50	40.90	41.10	41.20
Day	16	22	19			19	13	17	13	19	16	21

T122 R35 S14 QQQ: AAB1  
Obwell # 34051

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.8  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.7	3.5	3.9			4.4	4.1	3.7	3.5	3.7	4.2	3.8
High WL	0.7		1.4			2.1	1.7	0.1	-0.2		0.3	-0.2
Hi Yr	1986	1986	1986			1987	1986	1986	1986	1986	1986	1986
Low WL	6.4	6.5	6.6			6.6	6.5	6.3	6.2	6.3	6.9	6.3
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1989
<u>WATER YEAR 90</u>												
Rdg	6.40	6.50	6.60			6.60	6.50	6.30	6.20	6.30	6.90	5.80
Day	16	22	19			19	13	17	13	19	16	21

T122 R35 S16 QQQ: AD  
Obwell # 34048

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 45.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.1	9.3	9.4			8.6	8.8	8.8	8.6	8.9	9.4	9.1
High WL	6.9	7.2	7.5			7.3	7.1	6.7	5.0	5.4	6.1	5.0
Hi Yr	1984	1986	1986			1984	1986	1986	1986	1986	1986	1986
Low WL	12.5	12.5	12.3			11.4	11.2	10.8	10.9	11.8	12.5	12.6
Lo Yr	1988	1988	1988			1990	1990	1990	1989	1989	1989	1988
<u>WATER YEAR 90</u>												
Rdg	11.50	11.80	11.80			11.40	11.20	10.80	10.40	9.90	10.70	9.70
Day	16	22	19			19	13	17	13	19	16	21

## SUMMARY FOR 1990 WATER YEAR

T116 R45 S7 QQQ: ADA  
Obwell # 37004

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 203.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.5	8.7	8.5	8.9	8.4	8.2	8.2	9.5	10.8	19.5	21.6	14.3
High WL	7.1	6.8	6.8	8.6	7.4	7.1	6.3	6.2	6.6	11.6	13.8	7.5
Hi Yr	1986	1984	1984	1984	1985	1986	1986	1986	1984	1986	1987	1986
Low WL	11.5	10.4	10.0	9.2	9.4	9.7	9.4	13.3	16.4	27.6	29.3	27.2
Lo Yr	1989	1989	1989	1983	1983	1990	1989	1981	1987	1981	1983	1981
<u>WATER YEAR 90</u>												
Rdg	11.46	10.37	9.96			9.72	9.42	9.31	9.01	12.88	15.55	17.91
Day	18	22	27			20	23	29	25	26	17	14

T116 R45 S20 QQQ: CBA  
Obwell # 37001

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 210.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.1	22.3	21.9	22.6	22.1	21.8	21.7	22.7	24.3	32.5	34.9	28.0
High WL	20.5	20.4	19.5	22.1	21.0	20.6	19.8	19.6	20.2	25.2	27.7	21.0
Hi Yr	1986	1984	1984	1985	1986	1986	1986	1986	1984	1986	1987	1986
Low WL	25.1	23.9	23.5	23.2	23.1	23.2	23.1	26.1	29.4	40.8	42.3	40.4
Lo Yr	1989	1989	1982	1983	1983	1990	1989	1981	1988	1981	1983	1981
<u>WATER YEAR 90</u>												
Rdg	25.06	23.92	23.45			23.24	23.12	22.84	22.46	26.65	29.39	31.36
Day	18	22	27			20	23	29	25	26	17	14

T116 R46 S2 QQQ: CBC1  
Obwell # 37002

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 210.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.5	19.9	19.8	20.1	19.5	19.5	19.5	21.2	22.3	29.5	30.4	24.3
High WL	18.1	17.5	17.6	19.1	18.3	18.1	17.5	17.3	17.4	21.7	23.7	18.7
Hi Yr	1985	1984	1984	1984	1985	1985	1986	1986	1984	1986	1987	1986
Low WL	22.8	21.7	21.4	20.8	20.7	21.2	21.9	27.4	29.8	36.4	36.9	35.6
Lo Yr	1989	1989	1989	1983	1983	1990	1990	1981	1987	1988	1981	1981
<u>WATER YEAR 90</u>												
Rdg	22.75	21.73	21.44			21.23	21.85	21.03	19.57	23.25	25.02	27.45
Day	18	22	27			20	23	29	25	26	17	14

T116 R46 S13 QQQ: DDD  
Obwell # 37000

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 85.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.0	13.6	12.6	12.7	11.6	11.5	11.3	11.3	13.3	21.7	26.4	20.0
High WL	9.7	9.4	9.2	11.9	9.1	8.9	7.9	7.1	7.0	11.3	14.6	10.4
Hi Yr	1986	1986	1984	1984	1985	1986	1986	1986	1984	1986	1986	1986
Low WL	20.7	18.5	16.9	13.2	13.0	15.5	14.8	14.2	25.5	33.0	37.0	30.6
Lo Yr	1989	1989	1989	1983	1983	1990	1990	1990	1987	1989	1983	1981
<u>WATER YEAR 90</u>												
Rdg	20.70	18.54	16.86			15.51	14.78	14.20	13.01	20.93	20.17	21.24
Day	18	22	27			20	23	29	25	26	17	14

Lac Qui Parle County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T116 R46 S15 QQQ: ADA**  
**Obwell # 37006**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 70.0  
 Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.2	13.0	13.3	13.5	12.9	11.7	11.7	12.2	12.1	12.9	13.7	13.5
High WL	10.2	11.4	11.5	12.8	11.7	10.1	9.9	10.6	9.8	11.7	12.3	11.1
Hi Yr	1984	1984	1984	1984	1984	1986	1986	1986	1984	1986	1985	1986
Low WL	15.1	15.0	15.0	13.8	13.9	14.3	13.2	13.8	14.2	15.0	15.2	15.4
Lo Yr	1989	1988	1989	1983	1981	1990	1989	1989	1989	1989	1988	1988
<u>WATER YEAR 90</u>												
Rdg	15.13	14.90	14.99			14.27	12.90	12.24	11.53	12.75	13.68	13.54
Day	18	22	27			20	23	29	25	26	17	14

**T116 R46 S20 QQQ: BCC**  
**Obwell # 37005**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 189.0  
 Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	71.7	70.1	69.9	75.6	75.1	70.4	71.1	71.2	69.0	68.3	69.5	70.5
High WL	62.6	56.6	57.3	74.1	73.5	60.6	62.9	64.1	55.8	55.5	56.5	59.1
Hi Yr	1988	1989	1988	1981	1985	1989	1989	1990	1980	1988	1980	1980
Low WL	76.8	76.9	76.8	76.5	76.5	76.2	75.9	75.7	75.4	75.5	76.2	76.6
Lo Yr	1983	1983	1982	1983	1983	1983	1983	1983	1983	1983	1983	1983
<u>WATER YEAR 90</u>												
Rdg	65.47	56.62	57.77			65.00	64.48	64.12	62.04	55.68	57.85	60.16
Day	18	22	27			20	23	29	25	26	17	14

**T117 R43 S21 QQQ: BBB**  
**Obwell # 37007**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 143.0  
 Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	42.9	42.5	42.5	48.2	47.1	42.8	42.1	43.1	43.6	44.8	44.8	42.6
High WL	34.4	34.4	34.8	48.0	44.3	35.5	36.0	35.1	34.7	34.8	34.8	33.3
Hi Yr	1986	1986	1986	1984	1985	1987	1986	1986	1986	1986	1986	1985
Low WL	48.9	48.4	47.6	48.4	48.8	48.4	48.4	48.5	47.8	49.6	49.4	47.6
Lo Yr	1983	1983	1983	1981	1981	1981	1981	1981	1981	1981	1981	1980
<u>WATER YEAR 90</u>												
Rdg	46.30	45.70	46.21			45.84	45.48	45.19	45.00	46.10	45.64	44.81
Day	18	22	27			20	23	29	25	26	17	14

**T117 R46 S26 QQQ: CDD**  
**Obwell # 37003**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 189.0  
 Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.2	14.5	14.2	14.7	14.0	13.9	13.6	14.5	16.0	21.5	23.0	18.6
High WL	12.7	12.2	12.2	14.0	12.7	12.4	11.6	11.3	11.7	15.2	17.3	13.2
Hi Yr	1985	1984	1984	1984	1985	1985	1986	1986	1984	1986	1986	1986
Low WL	17.6	16.4	15.9	15.3	15.2	15.8	15.6	18.3	21.6	27.2	28.1	27.1
Lo Yr	1989	1989	1989	1983	1983	1990	1990	1981	1988	1988	1982	1981
<u>WATER YEAR 90</u>												
Rdg	17.56	16.36	15.88			15.80	15.60	15.28	14.82	17.82	20.01	20.32
Day	18	22	27			20	23	29	25	26	17	14

## SUMMARY FOR 1990 WATER YEAR

**T118 R44 S29 QQQ: ACA**  
Obwell # 37008

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 146.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.5	31.4	31.8	33.3	32.0	30.7	30.9	31.8	31.8	32.9	33.2	32.3
High WL	26.5	26.1	27.2	32.9	30.1	25.2	25.3	25.9	26.9	27.6	27.7	26.9
Hi Yr	1985	1985	1986	1984	1985	1986	1986	1986	1986	1986	1986	1986
Low WL	35.5	35.8	35.1	33.6	33.6	35.3	36.1	36.4	35.9	36.9	37.2	36.5
Lo Yr	1988	1988	1988	1981	1981	1989	1990	1981	1989	1989	1988	1981
<b>WATER YEAR 90</b>						34.35	36.11	35.80	33.92	34.98	35.48	34.59
Rdg	35.33	35.02	34.35			20	23	29	25	26	17	14
Day	18	22	27									

**T119 R43 S4 QQQ: CDD**  
Obwell # 37009

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 189.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.9	24.8	24.6	26.8	26.2	24.5	24.2	24.8	24.7	25.9	26.8	25.5
High WL	20.2	19.9	19.8	25.7	25.4	19.9	19.8	20.4	20.5	21.1	21.1	20.3
Hi Yr	1986	1986	1986	1981	1985	1987	1987	1987	1987	1987	1986	1986
Low WL	27.9	27.9	27.4	27.9	27.1	27.0	26.4	29.1	27.5	30.5	29.9	28.2
Lo Yr	1983	1983	1983	1984	1984	1983	1983	1983	1983	1984	1984	1981
<b>WATER YEAR 90</b>						25.49	25.69	25.43	25.32	25.53	25.24	25.01
Rdg	25.87	25.70	25.62			20	23	29	25	26	17	14
Day	18	22	27									

**T119 R43 S18 QQQ: CBB**  
Obwell # 37010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 196.0  
Years of Record: 9

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	47.2	46.8	46.2	49.9	48.7	46.2	46.3	46.5	47.5	50.2	51.0	48.5
High WL	40.9	40.7	40.7	49.9	46.5	41.1	41.6	43.0	42.4	41.9	41.5	41.0
Hi Yr	1986	1986	1986	1984	1985	1987	1987	1986	1986	1986	1986	1986
Low WL	52.1	51.0	50.2	50.0	50.0	49.8	49.7	49.7	50.1	55.0	61.6	53.3
Lo Yr	1983	1983	1982	1983	1983	1983	1983	1983	1990	1988	1983	1983
<b>WATER YEAR 90</b>						48.24	48.82	48.64	50.12	53.34	50.96	51.47
Rdg	49.33	49.07	48.60			20	23	29	25	26	17	14
Day	18	22	27									

**T119 R44 S14 QQQ: BBD**  
Obwell # 37011

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 0.0  
Years of Record: 9

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	36.1	35.7	35.4	34.4	35.0	35.1	35.3	35.1	36.7	40.3	40.6	37.8
High WL	32.3	32.1	31.8	34.4	34.6	31.5	33.8	33.7	33.2	33.0	32.8	35.1
Hi Yr	1986	1986	1986	1983	1983	1987	1988	1986	1986	1986	1986	1987
Low WL	39.0	38.8	38.3	34.4	35.4	38.6	38.0	37.5	41.2	46.8	48.2	40.4
Lo Yr	1989	1989	1989	1983	1985	1990	1990	1990	1987	1988	1988	1988
<b>WATER YEAR 90</b>						38.61	38.04	37.49	37.38	40.73	39.96	40.22
Rdg	39.00	38.80	38.34			20	23	29	25	26	17	14
Day	18	22	27									

Lake County

DNR Region 2

## SUMMARY FOR 1990 WATER YEAR

T57 R11 S32 QQQ: CB  
Obwell # 38013

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 130.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.4	39.3	39.5	39.5	40.1	40.4	40.7	40.7	40.0	40.0	39.9	40.0
High WL	37.6	37.4	37.5	37.8	38.0	38.2	38.5	38.5	36.7	37.4	37.4	37.5
Hi Yr	1984	1984	1986	1987	1987	1987	1987	1986	1984	1984	1984	1984
Low WL	42.0	42.1	42.3	42.4	42.7	42.8	43.2	43.3	43.4	43.4	43.4	43.5
Lo Yr	1988	1988	1988	1989	1989	1989	1990	1990	1990	1990	1990	1990
WATER YEAR 90					42.53	42.82	43.20	43.34	43.38	43.43	43.37	43.45
Rdg	41.69	41.62	41.99		1	1	15	15	15	1	1	1
Day												

Le Sueur County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T111 R26 S14 QQQ: ADA1**  
**Obwell # 40006**

Aquifer: QBAAQBA  
 Observer: USGS

Depth: 242.0  
 Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	84.1	78.7	75.4	81.0	71.8	79.0	78.2	79.2	77.3	79.9	82.4	78.8
High WL	84.1	74.0	72.0	74.3	71.8	74.5	72.1	73.9	74.5	73.9	81.1	73.1
Hi Yr	1982	1987	1986	1985	1987	1985	1987	1985	1987	1987	1989	1986
Low WL	84.1	84.4	78.8	83.5	71.8	84.6	82.6	83.9	80.2	84.3	83.8	84.5
Lo Yr	1982	1981	1988	1981	1987	1982	1980	1981	1989	1981	1980	1982
<b>WATER YEAR 90</b>												
Rdg		81.07			81.66				82.94		82.95	
Day		8			10				23		25	

**T112 R23 S2 QQQ: BAB1**  
**Obwell # 40007**

Aquifer: CSTLCSTL  
 Observer: USGS

Depth: 180.0  
 Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	96.1	96.1	95.8	95.9	93.6	95.8	96.2	96.0	96.2	96.7	98.0	96.5
High WL	95.0	94.8	93.9	94.7	93.6	94.3	93.7	94.4	95.0	94.6	97.5	94.5
Hi Yr	1984	1987	1986	1988	1987	1985	1987	1986	1987	1986	1989	1986
Low WL	97.2	97.1	96.9	97.0	93.6	96.9	98.6	98.8	97.5	99.4	98.5	98.0
Lo Yr	1981	1982	1988	1981	1987	1981	1979	1979	1980	1979	1980	1988
<b>WATER YEAR 90</b>												
Rdg		96.84				96.52		96.37		96.79		97.12
Day		15				2		16		19		19

**T112 R23 S6 QQQ: DDD1**  
**Obwell # 40005**

Aquifer: CSTLCSTL  
 Observer: USGS

Depth: 265.0  
 Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	151.4	151.5	151.7	151.4	151.1	151.4	151.3	151.2	151.5	151.9	152.2	152.0
High WL	151.3	151.2	151.0	151.0	151.1	150.9	151.1	150.9	151.3	151.2	151.7	151.4
Hi Yr	1980	1983	1986	1983	1987	1981	1979	1981	1987	1984	1980	1981
Low WL	151.6	152.1	152.7	152.2	151.1	152.1	151.5	151.9	151.6	153.6	152.6	153.3
Lo Yr	1984	1987	1988	1989	1987	1989	1980	1988	1980	1988	1989	1988
<b>WATER YEAR 90</b>												
Rdg		152.02			151.76			151.85		151.39		152.52
Day		15			11			2		16		19

Lincoln County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T109 R45 S31** QQQ: CCCD  
Obwell # 41005Aquifer: QBAAQBA  
Observer: SWCDDepth: 94.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	37.6	37.3	37.1	37.1	37.3	36.9	36.3	36.9	37.0	37.7	38.4	39.0
High WL	35.6	35.7	35.5	35.6	35.7	35.6	35.1	36.5	36.4	36.5	37.2	37.7
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1988	1987	1987	1987	1987
Low WL	39.2	38.6	38.2	38.4	38.2	38.4	37.1	37.2	37.7	38.9	40.1	40.5
Lo Yr	1988	1988	1989	1990	1990	1989	1990	1989	1989	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	38.50	38.00	38.20	38.40	38.20	37.90	37.10	36.90	36.80	37.00	37.60	38.60
Day	5	10	4	3	2	9	10	10	7	9	9	10

**T110 R44 S33** QQQ: DCD1  
Obwell # 41000Aquifer: KRETKRET  
Observer: USGSDepth: 967.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	249.7	249.5	249.7	249.6	249.6	249.1	249.3	249.3	249.3	249.4	249.5	249.6
High WL	247.8	248.2	249.0	249.0	248.8	247.4	247.8	247.6	247.8	247.6	248.0	247.9
Hi Yr	1986	1987	1969	1989	1971	1987	1986	1987	1986	1987	1986	1987
Low WL	250.7	250.6	250.7	250.7	250.7	250.5	250.3	250.2	250.5	250.3	250.6	250.5
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1976	1976	1976
<u>WATER YEAR 90</u>					249.00		249.20		248.87		248.95	
Rdg	249.08				5		11		18		1	
Day	23											

**T111 R44 S11** QQQ: CBB  
Obwell # 41003Aquifer: QBAAQBA  
Observer: SWCDDepth: 238.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	103.9	105.3	105.4	105.3	105.4	105.6	105.6	106.8	105.5	105.6	105.6	105.6
High WL	99.3	105.1	105.0	105.0	104.9	105.1	105.3	105.1	105.3	105.1	105.2	105.3
Hi Yr	1986	1988	1986	1988	1989	1988	1987	1987	1988	1987	1988	1988
Low WL	105.8	105.6	105.7	105.7	105.9	105.9	106.1	110.5	105.7	106.1	106.0	106.1
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1988	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	105.80	105.60	105.70	105.70	105.90	105.90	106.10	106.10	105.70	106.10	106.00	106.10
Day	6	10	4	3	2	8	10	12	7	9	9	10

**T111 R46 S4** QQQ: BBC  
Obwell # 41004Aquifer: QBAAQBA  
Observer: SWCDDepth: 69.5  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.9	23.9	23.8	23.7	23.8	23.6	23.6	23.6	23.8	24.9	24.1	24.3
High WL	22.9	23.0	22.9	22.9	22.7	22.7	22.6	22.7	22.9	23.0	23.3	23.4
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1987	1987	1987	1987	1987
Low WL	25.0	24.9	24.9	24.8	24.7	24.8	24.7	24.7	24.7	27.5	24.8	25.0
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1988	1990	1989
<u>WATER YEAR 90</u>												
Rdg	25.00	24.90	24.90	24.80	24.70	24.80	24.70	24.70	24.70	24.80	24.80	24.80
Day	6	10	4	3	2	9	10	12	7	9	9	5

Lyon County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T111 R40 S5 QQQ: DCCC**  
**Obwell # 42013**

Aquifer: QBAAQBAA  
 Observer: DNR

Depth: 159.0  
 Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	18.3	18.5	18.6	19.2	26.2	12.6	20.0	17.5	23.1	23.7	24.5	17.8
High WL	13.1	13.0	12.3	12.8	26.2	12.6	13.0	17.6	19.3	20.6	21.9	13.0
Hi Yr	1988	1988	1988	1989	1990	1989	1989	1989	1989	1989	1989	1988
Low WL	23.4	24.0	24.9	25.5	26.2	12.6	27.0	17.6	27.0	26.7	27.1	22.6
Lo Yr	1989	1989	1989	1990	1990	1989	1990	1989	1990	1990	1990	1989
<b>WATER YEAR 90</b>												
Rdg	23.44	24.03	24.86	25.53	26.19		27.00		27.00	26.68	27.14	
Day	10	6	11	12	28		25		1	2	14	

**T111 R40 S17 QQQ: CDD**  
**Obwell # 42014**

Aquifer:  
 Observer: SWCD

Depth: 220.0  
 Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave					57.3		58.3		59.1	51.7	51.8	
High WL					57.3		58.4		59.1	51.7	51.8	
Hi Yr					1990		1990		1990	1990	1990	
Low WL					57.3		58.4		59.1	51.7	51.8	
Lo Yr					1990		1990		1990	1990	1990	
<b>WATER YEAR 90</b>					57.27		58.35		59.06	51.72	51.75	
Rdg					28		25		1	2	14	
Day												

**T111 R41 S17 QQQ: ABCA**  
**Obwell # 42012**

Aquifer: QBAAQBAA  
 Observer: DNR

Depth: 107.3  
 Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	57.2	57.7	54.7	57.4	54.3	55.2	58.5	54.0	57.1	57.8	59.8	56.2
High WL	55.3	54.4	54.3	57.4	51.0	55.2	58.3	53.7	54.5	56.7	57.5	54.1
Hi Yr	1989	1989	1989	1989	1990	1989	1990	1988	1990	1989	1989	1989
Low WL	59.2	61.0	55.0	57.4	57.5	55.2	58.8	54.3	60.7	58.7	62.1	58.3
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1988	1990	1988	1988
<b>WATER YEAR 90</b>					51.03		58.28		54.52	58.71	59.75	
Rdg	55.27	54.35	54.32		28		25		1	16	14	
Day	10	6	27									

Marshall County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

T155 R47 S11    QQQ: AAA3  
Obwell # 45000

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 86.0  
Years of Record: 35

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	18.8	19.3	17.0	16.7	18.0	20.1	17.5	18.6	20.6	20.1	19.3	20.0
High WL	6.4	6.3	6.0	6.1	6.0	6.0	6.1	6.3	6.5	6.4	6.7	6.5
Hi Yr	1957	1957	1957	1958	1958	1958	1958	1958	1957	1957	1957	1957
Low WL	30.6	30.9	25.2	21.5	26.2	30.9	31.9	32.9	33.2	33.7	28.9	34.6
Lo Yr	1980	1980	1980	1967	1981	1981	1979	1981	1980	1980	1980	1981
<u>WATER YEAR 90</u>												
Rdg	18.75	18.71	18.66	18.42	18.29	17.99	18.29	18.45	18.79	18.94	20.68	21.30
Day	13	16	15	12	16	15	19	23	15	16	15	14

T156 R48 S10    QQQ: DAA2  
Obwell # 45001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.0  
Years of Record: 28

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.2	7.8	6.9	7.2	8.3	8.6	6.4	5.7	7.0	5.7	6.3	7.2
High WL	3.3	5.1	4.6	4.8	6.2	5.4	2.8	2.4	3.2	3.9	4.6	5.1
Hi Yr	1982	1986	1983	1983	1987	1983	1986	1986	1986	1986	1985	1982
Low WL	10.9	11.0	11.0	11.1	11.1	11.5	9.6	9.5	10.8	8.5	9.0	10.6
Lo Yr	1963	1963	1963	1964	1964	1977	1964	1964	1973	1964	1964	1963
<u>WATER YEAR 90</u>												
Rdg	7.10	7.12	7.22	7.48	7.58	7.45	6.99	6.65	6.57	6.99	7.48	7.68
Day	13	16	15	12	16	15	19	23	15	16	15	14

T157 R48 S27    QQQ: BAA1  
Obwell # 45002

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 24.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.1	4.0	4.0	4.2	4.2	4.6	4.2	4.3	4.0	3.7	4.1	4.0
High WL	2.9	3.1	1.8	2.4	3.5	3.3	1.8	1.7	1.1	1.5	2.3	2.8
Hi Yr	1974	1974	1984	1985	1975	1985	1987	1986	1986	1985	1985	1974
Low WL	5.1	5.0	5.0	5.2	5.3	5.5	5.4	6.7	5.4	5.4	5.5	5.5
Lo Yr	1980	1989	1989	1990	1990	1982	1990	1982	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	4.89	4.99	5.04	5.15	5.27	5.36	5.43	5.32	5.36	5.42	5.46	5.48
Day	13	16	15	12	16	15	19	23	15	16	15	14

Martin County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T101 R32 S13 QQQ: ADAA**  
Obwell # 46002

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 170.0  
Years of Record: 3

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	82.9	82.8	79.0			82.4	82.6	82.4	82.3	82.8	83.0	83.1
High WL	82.5	82.5	74.8			82.3	82.3	82.2	81.9	82.7	83.0	82.6
Hi Yr	1988	1988	1988			1989	1989	1989	1988	1989	1990	1988
Low WL	83.2	83.1	83.1			82.5	82.8	82.6	82.6	82.9	83.0	83.6
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1990
<u>WATER YEAR 90</u>												
Rdg	83.23	83.12	83.09			82.45	82.77	82.55	82.59	82.88	83.02	83.55
Day	16	15	15			16	13	14	15	16	15	17

**T102 R29 S20 QQQ: BDDD**  
Obwell # 46003

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 57.0  
Years of Record: 3

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	28.0	27.9	27.4			26.8	27.1	26.8	26.8	27.5	27.7	27.8
High WL	27.7	27.6	26.9			26.7	27.1	26.6	26.7	27.3	27.3	27.5
Hi Yr	1988	1988	1988			1989	1990	1989	1988	1990	1990	1988
Low WL	28.4	28.3	27.9			26.9	27.1	27.0	26.9	27.7	28.2	28.2
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	28.40	28.26	27.88			26.91	27.09	26.97	26.79	27.28	27.31	27.64
Day	16	15	15			16	13	14	15	16	15	17

**T103 R32 S8 QQQ: CDD1**  
Obwell # 46000

Aquifer: KRETKRET  
Observer: USGS

Depth: 412.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	91.7	92.5	91.6	91.5	90.7	91.5	91.3	91.3	91.9	92.6		92.5
High WL	91.7	91.2	90.8	91.2	90.7	90.8	90.5	90.7	91.5	90.8		91.1
Hi Yr	1982	1984	1986	1984	1987	1984	1987	1984	1987	1984		1986
Low WL	91.7	95.2	92.4	92.9	90.7	93.0	92.0	92.5	92.2	96.2		94.0
Lo Yr	1982	1983	1988	1990	1987	1990	1989	1990	1989	1987		1989
<u>WATER YEAR 90</u>												
Rdg		93.18			92.94			92.96		92.63		
Day		8			9			6		24		25

**T104 R30 S5 QQQ: BBAB**  
Obwell # 46004

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 219.2  
Years of Record: 3

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.8	8.6	8.2			9.0	9.8	9.2	8.4	9.3	9.3	8.7
High WL	7.8	7.4	6.6			8.5	9.8	8.8	6.8	9.2	9.2	7.6
Hi Yr	1988	1988	1988			1989	1990	1989	1988	1989	1990	1988
Low WL	9.7	9.8	9.8			9.6	9.8	9.6	9.6	9.4	9.4	9.5
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	9.69	9.75	9.82			9.63	9.81	9.64	9.56	9.39	9.20	8.90
Day	16	15	15			16	13	14	15	16	15	17

Martin County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T104 R30 S5 QQQ: BBAB**  
Obwell # 46005

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 41.0  
Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.0	2.9	3.0			2.8	2.9	2.1	1.4	1.6	1.7	2.2
High WL	2.8	2.7	2.7			2.7	2.9	2.1	0.8	0.4	0.2	0.7
Hi Yr	1988	1988	1988			1989	1990	1990	1990	1990	1990	1990
Low WL	3.3	3.2	3.3			2.9	2.9	2.2	2.4	2.8	3.1	3.0
Lo Yr	1989	1989	1989			1990	1990	1989	1989	1989	1989	1989
<u>WATER YEAR 90</u>						2.86	2.86	2.05	0.82	0.35	0.23	0.74
Rdg	3.33	3.21	3.26			16	13	14	15	16	15	17
Day												

**T104 R33 S28 QQQ: BAB1**  
Obwell # 46001

Aquifer: PYSXPYSX  
Observer: USGS

Depth: 178.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	83.9	84.0	84.5	84.0	83.1	84.2	84.1	84.1	84.3	84.1	85.6	84.6
High WL	83.9	83.2	83.2	83.5	83.1	83.3	83.0	83.5	83.2	83.5	85.6	83.4
Hi Yr	1982	1984	1986	1984	1987	1985	1987	1985	1987	1986	1989	1984
Low WL	83.9	85.6	85.2	85.8	83.1	86.3	85.2	85.8	85.5	85.9	85.6	85.9
Lo Yr	1982	1989	1981	1990	1987	1990	1989	1990	1989	1990	1989	1989
<u>WATER YEAR 90</u>						85.83	86.28	85.79		85.89		85.66
Rdg		85.58				9	6	23		24		25
Day		8										

## SUMMARY FOR 1990 WATER YEAR

T115 R28 S5 QQQ: ACC1  
Obwell # 43004

Aquifer: CMTSCMITS  
Observer: USGS

Depth: 472.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	94.2	91.8	87.4	88.8	88.4	85.3	84.9	86.1	86.8	89.0	90.7	95.0
High WL	82.2	87.0	85.8	85.2	83.4	82.9	82.8	84.2	82.4	86.8	80.5	82.2
Hi Yr	1980	1981	1986	1983	1987	1986	1987	1982	1986	1979	1979	1980
Low WL	109.7	100.1	88.3	90.7	94.7	88.7	90.0	88.2	90.1	93.4	99.7	103.7
Lo Yr	1979	1979	1979	1986	1984	1990	1981	1990	1981	1986	1989	1989
WATER YEAR 90												
Rdg		94.78		90.35		88.67		88.22				99.88
Day		3		12		20		17				27

T116 R29 S35 QQQ: DDC1  
Obwell # 43003

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 269.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	27.5	28.5	25.8	28.9	25.4	27.5	26.3	28.2	26.5	27.0	30.8	29.5
High WL	25.6	25.5	24.9	24.2	25.0	24.8	25.1	25.7	24.3	24.8	27.6	25.9
Hi Yr	1986	1985	1986	1986	1987	1986	1987	1982	1986	1986	1981	1985
Low WL	29.9	33.8	26.3	33.4	26.0	32.5	28.2	32.3	32.6	31.1	34.8	34.3
Lo Yr	1980	1989	1978	1990	1985	1990	1981	1990	1989	1990	1989	1989
WATER YEAR 90												
Rdg		33.84		33.39		32.53		32.26		31.06		31.06
Day		3		12		20		17		27		27

T117 R27 S10 QQQ: DAA1  
Obwell # 43001

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 129.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	34.4	36.4	32.9	37.1	33.0	37.1	33.6	37.1	35.9	36.2	38.6	36.7
High WL	31.7	30.8	30.6	30.8	32.1	31.6	31.6	34.4	31.5	31.4	33.3	32.2
Hi Yr	1986	1985	1986	1986	1987	1986	1983	1979	1983	1984	1980	1985
Low WL	35.7	44.7	34.8	44.7	35.4	44.9	37.8	41.4	44.7	45.2	45.3	40.8
Lo Yr	1980	1986	1978	1987	1988	1987	1981	1990	1987	1987	1987	1989
WATER YEAR 90												
Rdg		40.67		40.80		41.30		41.43		39.12		37.95
Day		3		12		20		17		27		27

## Meeker County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T119 R30 S19 QQQ: AAB1**  
Obwell # 47000

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 26.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.9	5.6	4.8	4.4	6.0	5.7	3.7	4.9	4.1	4.4	5.4	5.4
High WL	2.5	2.8	2.7	3.5	3.6	2.9	2.7	3.1	2.5	3.1	3.2	2.8
Hi Yr	1984	1983	1982	1984	1986	1984	1986	1986	1983	1984	1986	1985
Low WL	7.7	8.0	7.9	5.1	8.1	7.8	5.6	7.0	5.5	6.4	7.9	6.8
Lo Yr	1988	1989	1988	1985	1989	1990	1981	1989	1980	1987	1989	1990
<u>WATER YEAR 90</u>												
Rdg		8.01				7.82			5.13			6.76
Day		2				30			29			27

**T119 R30 S19 QQQ: BCB**  
Obwell # 47006

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 178.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.3	25.3	25.3			25.4	25.2	25.5	26.7	27.5	26.8	26.1
High WL	21.9	22.3	22.5			23.0	22.2	22.3	22.6	22.6	22.4	22.2
Hi Yr	1986	1986	1986			1986	1986	1986	1986	1986	1986	1986
Low WL	28.8	28.8	29.1			27.9	28.5	28.1	31.6	32.3	32.4	31.6
Lo Yr	1989	1989	1989			1990	1990	1990	1988	1988	1989	1988
<u>WATER YEAR 90</u>							27.94	28.51	28.08	26.87	27.62	27.97
Rdg	28.77	28.77	29.05			27	19	31	27	24	29	27.06
Day	24	22	21									24

**T119 R30 S27 QQQ: CCA**  
Obwell # 47005

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	32.4						32.8	31.6				
High WL	28.1						29.2	31.6				
Hi Yr	1986						1986	1984				
Low WL	37.5						37.5	31.6				
Lo Yr	1988						1990	1984				
<u>WATER YEAR 90</u>												
Rdg	36.53						37.54					
Day	24						19					

**T119 R31 S20 QQQ: AC**  
Obwell # 47002

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 260.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	62.7	60.0	61.0			60.7	62.5	60.1	60.4	65.5	74.6	70.3
High WL	59.4	58.7	61.0			60.7	59.3	59.6	60.4	65.5	73.7	64.6
Hi Yr	1985	1986	1982			1983	1986	1984	1983	1982	1983	1982
Low WL	67.0	61.3	61.0			60.7	66.0	60.6	60.4	65.5	75.4	76.1
Lo Yr	1989	1982	1982			1983	1990	1983	1983	1982	1982	1983
<u>WATER YEAR 90</u>												
Rdg	66.97						65.95					
Day	24						19					

## SUMMARY FOR 1990 WATER YEAR

T119 R31 S21 QQQ: A  
Obwell # 47003

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 224.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	26.7	25.3	25.1			24.7	26.7	24.1	24.3	27.2	41.2	33.5
High WL	22.5	25.3	25.1			24.7	23.2	23.7	24.3	27.2	39.3	27.8
Hi Yr	1986	1982	1982			1983	1986	1984	1983	1982	1982	1982
Low WL	31.8	25.3	25.1			24.7	30.6	24.5	24.3	27.2	43.1	39.1
Lo Yr	1989	1982	1982			1983	1990	1983	1983	1982	1983	1983
<u>WATER YEAR 90</u>												
Rdg	31.76						30.58					
Day	24						19					

T121 R31 S26 QQQ: BDC1  
Obwell # 47001

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 16.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.8	5.9	5.8	4.9	6.5	6.1	4.2	5.0	4.6	5.0	5.4	5.5
High WL	3.1	3.1	3.9	4.3	5.1	4.0	3.1	3.1	3.6	3.9	2.8	3.6
Hi Yr	1986	1983	1982	1984	1983	1984	1986	1984	1982	1984	1986	1985
Low WL	8.7	9.2	8.9	5.6	9.2	9.2	5.4	8.2	5.3	6.5	9.1	6.9
Lo Yr	1988	1989	1988	1985	1989	1990	1981	1989	1990	1987	1989	1987
<u>WATER YEAR 90</u>												
Rdg		9.18					9.19					
Day		2					30					

T121 R32 S33 QQQ: D  
Obwell # 47004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.8						11.2	7.5				
High WL	2.7						7.0	7.5				
Hi Yr	1986						1986	1984				
Low WL	15.1						14.6	7.5				
Lo Yr	1989						1990	1984				
<u>WATER YEAR 90</u>												
Rdg	15.11						14.55					
Day	24						19					

T121 R32 S34 QQQ: CBB  
Obwell # 47007

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 118.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.5	14.7	14.9			15.5	15.0	14.9	15.9	16.6	15.5	14.8
High WL	9.5	10.8	11.3			13.0	10.7	9.9	9.6	9.2	9.2	9.4
Hi Yr	1986	1986	1986			1986	1986	1986	1986	1986	1986	1986
Low WL	18.9	18.8	18.7			19.3	18.4	17.8	21.6	22.2	21.3	19.3
Lo Yr	1989	1989	1989			1990	1990	1990	1988	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	18.94	18.77	18.74			19.32	18.36	17.83	15.69	18.30	16.12	15.14
Day	24	22	21			27	19	31	27	24	29	24

Mille Lacs County

DNR Region 3

SUMMARY FOR 1990 WATER YEAR

T38 R27 S35 QQQ: ABC1  
Obwell # 48000

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 84.0  
Years of Record: 24

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	40.1	39.9	39.7	39.9	39.9	40.0	39.8	39.4	39.5	39.1	40.0	40.0
High WL	37.6	37.5	36.5	37.5	38.1	38.1	37.6	36.9	36.3	35.7	37.6	36.6
Hi Yr	1972	1972	1986	1987	1973	1987	1984	1984	1986	1984	1972	1986
Low WL	42.6	41.6	42.8	42.4	41.9	42.6	41.8	42.4	42.2	40.9	42.7	42.7
Lo Yr	1989	1977	1988	1977	1981	1977	1988	1977	1989	1981	1988	1988
WATER YEAR 90									42.00			
Rdg	42.61								15			40.68
Day	31											1

Morrison County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

T R S QQQ:  
Obwell # 49028Aquifer:  
Observer:Depth:  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.1	8.4	8.9			10.2	8.9	7.2	5.7	6.5	7.3	7.8
High WL	7.1	8.4	8.9			10.2	8.9	7.2	5.7	6.5	7.4	7.8
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
Low WL	7.1	8.4	8.9			10.2	8.9	7.2	5.7	6.5	7.4	7.8
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	7.05	8.43	8.85			10.19	8.90	7.18	5.72	6.53	7.35	7.81
Day	16	16	18			16	17	17	20	20	24	21

T39 R31 S16 QQQ: BCB  
Obwell # 49000Aquifer: QBAAQBAA  
Observer: SWCDDepth: 31.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	20.7	20.7	20.8	20.8	21.1	21.5	21.0	20.7	20.5	20.5	20.7	20.8
High WL	17.6	17.9	17.4	19.3	19.6	19.6	19.4	17.8	17.3	17.5	17.9	18.0
Hi Yr	1986	1986	1986	1980	1985	1987	1986	1986	1986	1986	1986	1986
Low WL	23.9	23.8	23.8	23.7	23.9	24.2	23.8	23.2	23.3	23.8	24.0	23.9
Lo Yr	1988	1988	1988	1977	1977	1989	1977	1977	1977	1988	1977	1977
<u>WATER YEAR 90</u>												
Rdg	22.54	22.99	22.63			22.92	22.56	22.12	21.16	20.88	21.40	21.41
Day	16	16	18			16	17	17	20	20	24	21

T39 R32 S1 QQQ: BBD  
Obwell # 49002Aquifer: QWTAQWTA  
Observer: SWCDDepth: 131.0  
Years of Record: 23

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.8	3.5	3.7	3.6	3.9	3.8	2.5	2.7	3.0	3.5	4.0	3.8
High WL	1.8	1.3	1.7	2.1	2.1	2.0	0.8	0.8	1.3	1.5	1.6	1.0
Hi Yr	1973	1971	1971	1972	1969	1969	1975	1979	1971	1975	1972	1986
Low WL	6.0	6.0	6.0	6.1	6.0	5.5	5.4	5.5	5.7	6.2	5.9	6.2
Lo Yr	1987	1988	1976	1977	1977	1989	1988	1988	1988	1988	1987	1987
<u>WATER YEAR 90</u>												
Rdg	5.38	5.20	5.47			4.46	4.31	4.16	3.12	4.41	5.43	5.60
Day	17	16	19			16	17	21	20	20	24	21

T39 R32 S9 QQQ: DCD  
Obwell # 49003Aquifer: QWTAQWTA  
Observer: SWCDDepth: 20.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	1.4	1.4	1.6	2.0	2.4	1.7	0.5	0.5	0.7	1.3	1.9	1.7
High WL	-1.2	-1.3	-0.9	1.1	1.7	-1.5	-3.0	-1.6	-1.3	-0.9	-0.3	-0.8
Hi Yr	1984	1970	1971	1984	1983	1985	1979	1979	1971	1978	1972	1986
Low WL	3.4	3.6	3.6	3.8	3.9	2.9	4.2	2.8	2.7	3.4	3.9	3.3
Lo Yr	1976	1976	1976	1977	1977	1988	1985	1988	1988	1988	1980	1984
<u>WATER YEAR 90</u>												
Rdg	1.93	1.78	2.41				1.13	0.52	-0.14	1.11	1.86	1.82
Day	16	16	18				17	21	20	20	24	21

## Morrison County

## DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

T39 R32 S35 QQQ: CAD1  
Obwell # 49004

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 92.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.4	13.4	13.5	13.8	14.0	14.4	13.2	12.7	12.8	13.1	13.6	13.4
High WL	10.8	10.9	10.8	12.0	12.5	12.3	11.0	8.4	9.8	10.3	10.0	6.0
Hi Yr	1984	1986	1971	1972	1972	1972	1972	1986	1986	1978	1972	1986
Low WL	15.8	15.8	15.9	16.0	15.7	16.0	15.0	16.2	15.4	15.8	15.8	15.9
Lo Yr	1988	1988	1988	1977	1977	1989	1977	1977	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	14.30	14.62	15.18			14.74	14.18	13.39	11.88	12.60	13.53	13.96
Day	16	16	18			16	17	17	20	20	24	21

T39 R32 S35 QQQ: CAD2  
Obwell # 49005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 31.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.3	13.2	13.5	13.8	14.1	14.2	13.3	12.4	12.8	13.0	13.5	13.3
High WL	9.6	10.6	10.8	11.9	12.5	12.4	11.0	9.2	9.3	10.1	9.7	7.7
Hi Yr	1986	1986	1971	1972	1972	1972	1972	1986	1986	1978	1972	1986
Low WL	15.7	15.7	15.8	15.7	15.9	15.8	15.1	14.7	16.0	16.1	15.6	15.7
Lo Yr	1976	1988	1988	1977	1977	1989	1977	1977	1988	1988	1977	1976
<u>WATER YEAR 90</u>												
Rdg	13.86	14.55	15.07			14.65	14.09	13.20	12.50	12.23	13.39	13.77
Day	16	16	18			16	17	17	20	20	24	21

T40 R31 S9 QQQ: CCC  
Obwell # 49006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.2	10.0	10.3	10.3	10.7	10.8	10.3	9.8	9.7	9.6	9.9	10.0
High WL	7.3	8.4	8.3	8.8	9.3	8.9	8.7	7.5	7.9	7.7	7.0	7.4
Hi Yr	1972	1986	1971	1972	1972	1983	1972	1986	1986	1975	1972	1972
Low WL	12.2	12.4	12.7	12.8	13.0	12.6	12.4	11.9	11.8	11.8	12.2	11.7
Lo Yr	1976	1988	1976	1977	1977	1977	1977	1977	1977	1988	1988	1977
<u>WATER YEAR 90</u>												
Rdg	10.67	11.00	11.52			11.35	11.28	10.31	9.76	9.67	10.21	10.45
Day	16	16	18			16	17	17	20	20	24	21

T40 R31 S26 QQQ: BAA  
Obwell # 49007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.0  
Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.2	16.2	16.4	16.5	16.9	16.9	16.3	16.1	16.1	16.1	16.1	16.2
High WL	11.8	12.3	12.7	13.1	14.8	14.5	13.5	13.9	13.5	13.4	12.7	11.7
Hi Yr	1972	1972	1972	1973	1985	1987	1973	1986	1986	1986	1972	1972
Low WL	19.0	18.7	18.6	18.4	18.7	18.9	18.9	18.7	18.8	18.9	19.2	19.1
Lo Yr	1977	1977	1988	1977	1977	1989	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	17.84	18.39	18.10			17.80	17.94	17.81	18.41	17.21	17.34	17.42
Day	16	16	18			22	17	17	20	20	24	21

Morrison County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

T40 R32 S30 QQQ: DCD  
Obwell # 49008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.0  
Years of Record: 23

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.2	4.0	4.2	4.3	4.7	4.5	3.4	3.5	3.7	4.1	4.2	4.2
High WL	3.0	2.5	3.2	3.5	3.5	2.6	1.9	2.1	3.0	2.8	3.3	2.6
Hi Yr	1982	1971	1983	1983	1984	1983	1979	1979	1984	1978	1972	1986
Low WL	6.0	6.1	6.2	6.3	6.5	5.6	4.9	4.8	4.6	5.5	5.4	5.8
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1981	1988	1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg	4.42	3.98	4.68			3.88	3.72	3.40	3.13	3.78	4.48	4.50
Day	17	16	19			20	17	21	20	20	24	21

T41 R32 S13 QQQ: DCA2  
Obwell # 49009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.0  
Years of Record: 23

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.3	4.9	5.0	5.3	5.8	6.2	5.1	4.6	4.5	5.0	6.3	5.5
High WL	2.1	2.5	2.1	3.5	4.4	3.2	2.6	1.9	1.5	2.3	1.2	1.7
Hi Yr	1986	1971	1971	1973	1985	1983	1972	1986	1986	1986	1972	1986
Low WL	10.9	7.9	8.0	8.2	8.4	8.2	7.9	7.2	7.5	8.3	10.2	9.3
Lo Yr	1988	1976	1976	1977	1977	1977	1988	1977	1988	1989	1989	1988
<u>WATER YEAR 90</u>												
Rdg	7.71	7.84	7.60			8.16	7.54	6.64	5.62		7.44	7.16
Day	16	16	18			16	17	17	20		24	21

T41 R32 S24 QQQ: BBB  
Obwell # 49010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.4	8.4	8.7	8.8	9.1	9.2	8.5	8.0	7.9	7.9	8.5	8.6
High WL	4.3	5.0	6.3	6.5	8.0	7.0	6.8	4.2	3.8	4.4	4.7	4.7
Hi Yr	1986	1986	1986	1974	1985	1973	1986	1986	1986	1986	1972	1972
Low WL	11.4	11.4	10.9	10.8	10.9	11.4	10.5	10.1	10.2	9.9	10.4	10.4
Lo Yr	1988	1988	1988	1977	1977	1989	1977	1977	1988	1989	1990	1989
<u>WATER YEAR 90</u>												
Rdg	10.32	10.45	9.74			10.51	10.00	9.14	8.60	9.28	10.39	10.26
Day	16	16	19			16	17	17	20	20	24	21

T127 R29 S7 QQQ: BAB  
Obwell # 49012

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 23

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.5	5.2	5.5	5.9	6.3	6.3	5.5	4.8	4.8	5.0	5.4	5.4
High WL	1.9	2.3	2.7	3.4	4.2	3.4	2.4	1.4	2.2	2.8	2.4	1.5
Hi Yr	1986	1971	1971	1972	1972	1983	1972	1986	1986	1975	1972	1986
Low WL	8.0	8.1	8.4	8.4	8.9	8.5	8.3	7.9	8.0	8.2	8.4	8.4
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	5.95	6.26	6.54			6.49	6.41	5.54	4.37	4.00	4.80	5.11
Day	16	16	18			16	17	17	20	20	24	21

Morrison County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

T127 R29 S27 QQQ: BAC  
Obwell # 49013Aquifer: QWTAQWTA  
Observer: SWCDDepth: 51.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.7	39.6	39.6	39.5	39.5	39.4	39.0	39.0	39.1	39.4	39.6	39.8
High WL	37.5	37.9	37.9	38.0	37.6	37.4	37.6	37.3	37.5	37.8	37.8	37.9
Hi Yr	1986	1986	1971	1972	1971	1971	1972	1971	1986	1978	1986	1986
Low WL	42.2	41.6	41.8	42.7	44.0	43.6	42.2	40.9	41.1	41.7	42.4	42.5
Lo Yr	1988	1989	1976	1977	1977	1977	1977	1977	1977	1988	1988	1988
WATER YEAR 90						40.79	40.67	40.35	40.22	40.05	40.40	40.41
Rdg	41.11	41.58	40.82			16	17	17	20	20	24	21
Day	16	16	18									

T127 R30 S2 QQQ: CCC  
Obwell # 49027Aquifer: QWTAQWTA  
Observer: SWCDDepth: 30.5  
Years of Record: 2

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.7	20.9	20.9			20.2	20.8	20.6	20.4	20.4	20.9	20.6
High WL	20.7	20.9	20.9			20.2	20.8	20.6	19.9	19.6	20.4	20.6
Hi Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
Low WL	20.7	20.9	20.9			20.2	20.8	20.6	20.9	21.1	21.3	20.7
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
WATER YEAR 90						20.17	20.79	20.64	19.89	19.60	20.37	20.55
Rdg	20.72	20.87	20.89			16	17	17	20	20	24	21
Day	16	16	18									

T130 R29 S8 QQQ: DCC1  
Obwell # 49014Aquifer: QWTAQWTA  
Observer: USGSDepth: 59.0  
Years of Record: 42

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.0	12.9	12.9	13.2	13.4	13.6	13.5	13.2	13.1	13.5	13.7	13.3
High WL	8.5	8.4	8.8	9.3	9.8	10.0	9.6	9.6	9.8	9.5	7.8	8.0
Hi Yr	1972	1972	1972	1973	1973	1973	1966	1952	1952	1952	1972	1972
Low WL	18.2	17.6	17.0	16.9	17.4	17.3	16.6	16.9	17.2	19.6	19.8	19.3
Lo Yr	1961	1961	1961	1989	1989	1989	1989	1977	1977	1961	1961	1961
WATER YEAR 90						16.11	15.65	15.18	14.80	14.61	14.92	14.86
Rdg	15.50	15.20	15.38	15.72	16.05	2	1	6	1	6	10	6
Day	6	3	1	5	2							

T132 R30 S18 QQQ: DCC  
Obwell # 49026Aquifer: QWTAQWTA  
Observer: SWCDDepth: 42.0  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	33.0	33.0	33.0	34.3	34.3	33.6	33.4	32.9	33.2	33.3	33.3	33.1
High WL	31.0	30.8	30.5	32.8	32.9	30.7	31.0	28.8	31.0	31.0	30.5	31.2
Hi Yr	1986	1986	1986	1984	1984	1987	1987	1986	1987	1987	1986	1987
Low WL	34.8	34.9	34.6	36.0	36.1	36.1	36.0	35.2	35.1	34.9	35.4	34.5
Lo Yr	1979	1979	1978	1982	1982	1982	1982	1980	1982	1982	1978	1982
WATER YEAR 90						34.02	34.17	34.30	34.29	34.03	33.91	33.89
Rdg	33.72	33.67	33.62			16	24	22	18	23	24	21
Day	17	16	19									

Morrison County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T133 R31 S21 QQQ: CBB**  
**Obwell # 49025**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 13.5  
 Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	1.3	1.6	2.1	2.1	2.7	1.9	0.3	0.8	1.0	1.6	2.2	2.2
High WL		0.6	1.3	1.2	1.7	0.2	-0.9	0.1			0.3	-0.1
Hi Yr	1984	1986	1983	1985	1984	1983	1982	1979	1983	1986	1986	1986
Low WL	3.2	3.1	3.5	3.7	4.1	4.1	2.6	1.8	2.8	3.1	3.2	3.4
Lo Yr	1987	1987	1978	1979	1980	1979	1979	1980	1988	1988	1987	1987
<u>WATER YEAR 90</u>												
Rdg	2.00	1.51	2.21				0.09	0.37	0.05	1.92	2.97	3.17
Day	17	16	18				24	22	18	23	24	21

Mower County

DNR Region 5

SUMMARY FOR 1990 WATER YEAR

T102 R18 S5 QQQ: ACB1  
Obwell # 50003

Aquifer: DCVADCVA  
Observer: USGS

Depth: 100.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	35.1	36.7	36.2	36.8	36.3	36.3	36.8	35.2	37.3	36.9	38.2	36.7
High WL	35.1	35.5	35.1	35.1	36.3	33.9	36.3	33.7	37.1	35.2	38.2	35.3
Hi Yr	1982	1983	1986	1983	1987	1983	1987	1984	1987	1984	1989	1990
Low WL	35.1	37.6	37.3	38.0	36.3	38.3	37.3	36.4	37.6	38.4	38.2	37.9
Lo Yr	1982	1989	1988	1990	1987	1990	1989	1985	1989	1985	1989	1985
<u>WATER YEAR 90</u>												
Rdg		37.60		38.02		38.33		36.12		36.02		35.32
Day		7		9		6		22		24		25

T103 R17 S9 QQQ: DAA1  
Obwell # 50000

Aquifer: DCVADCVA  
Observer: USGS

Depth: 130.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.6	40.7	39.1	40.2	39.7	40.8	40.3	39.6	40.6	39.7	40.3	40.3
High WL	36.8	37.4	36.2	37.2	37.3	36.4	36.9	36.0	36.1	36.8	37.7	37.7
Hi Yr	1983	1982	1986	1987	1987	1984	1983	1984	1984	1986	1983	1984
Low WL	42.0	44.7	41.8	44.0	43.8	45.2	42.8	44.4	44.8	43.2	43.8	43.7
Lo Yr	1976	1977	1979	1978	1977	1978	1977	1977	1978	1978	1977	1977
<u>WATER YEAR 90</u>												
Rdg	41.18	41.29		41.37				40.97	41.32	41.13	38.75	
Day	4	29		11				3	13	31	13	

Murray County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T105 R43 S18**   QQQ: **BCC1**  
**Obwell # 51004**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 11.0  
 Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.0	8.0	8.0	8.1	7.8	7.0	6.9	7.4	7.8	7.6	7.8	7.1
High WL	7.2	7.6	7.7	7.9	6.5	4.8	4.8	5.9	7.4	5.3	6.1	4.0
Hi Yr	1982	1982	1979	1980	1984	1986	1984	1979	1984	1979	1979	1984
Low WL	8.6	8.2	8.3	8.3	8.4	8.4	8.2	8.3	8.4	8.4	8.2	8.3
Lo Yr	1980	1989	1989	1982	1982	1990	1981	1981	1981	1981	1989	1990
<u>WATER YEAR 90</u>						8.42	7.97	7.99	7.82	8.00	8.18	8.27
Rdg	8.19	8.22	8.31			2	2	1	1	2	2	4
Day	19	17	19									

**T106 R40 S12**   QQQ: **ABB1**  
**Obwell # 51000**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 12.0  
 Years of Record: 14

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.7	4.4	4.0	4.7	4.5	3.3	2.3	3.6	3.7	3.7	4.3	4.6
High WL	2.5	2.3	1.4	2.9	1.7	0.5	0.1	1.4	1.7	1.9	1.3	3.7
Hi Yr	1982	1982	1982	1980	1982	1979	1979	1979	1983	1983	1979	1979
Low WL	8.4	6.1	6.2	6.9	6.2	6.1	5.8	8.9	6.3	5.6	5.7	5.9
Lo Yr	1977	1978	1978	1982	1979	1981	1981	1986	1986	1981	1978	1981
<u>WATER YEAR 90</u>						3.50	3.72	3.91	3.43	3.58	3.79	3.71
Rdg	4.45	4.70	4.85			2	2	1	1	2	2	4
Day	19	17	19									

**T107 R41 S32**   QQQ: **DCCD**  
**Obwell # 51005**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 204.8  
 Years of Record: 3

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	80.9	80.7	80.7			80.7	80.8	80.4	81.6	81.9	81.7	81.6
High WL	79.9	79.6	79.6			79.7	79.9	78.9	81.6	81.7	80.7	80.2
Hi Yr	1988	1988	1988			1989	1989	1988	1989	1989	1988	1988
Low WL	82.0	81.8	81.8			81.7	81.7	81.9	81.6	82.1	82.3	82.5
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1990	1990	1990
<u>WATER YEAR 90</u>						81.71	81.68	81.87	81.55	82.07	82.29	82.52
Rdg	81.98	81.76	81.81	19		2	2	1	1	2	2	4
Day	19	17	19									

**T108 R41 S36**   QQQ: **BBC1**  
**Obwell # 51002**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 6.5  
 Years of Record: 14

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.0	2.3	2.7	4.9	3.7	2.1	0.8	1.2	2.0	2.8	3.4	3.4
High WL	-0.8	-0.5	4.9	3.5	-1.6	-1.6	-0.8	-0.3		1.5	-0.7	
Hi Yr	1982	1979	1979	1981	1981	1986	1986	1979	1984	1983	1985	1986
Low WL	5.9	5.7	5.4	4.9	4.0	5.1	4.5	4.5	4.5	5.2	5.9	6.2
Lo Yr	1988	1988	1981	1981	1979	1990	1990	1990	1981	1988	1988	1988
<u>WATER YEAR 90</u>						5.14	4.52	4.54	4.19	4.11	4.06	4.05
Rdg	5.40	5.21	5.28	19		2	2	1	1	2	2	4
Day	19	17	19									

Nobles County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

T R S QQQ:  
Obwell # 53012Aquifer:  
Observer:Depth:  
Years of Record: 1

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave											11.8	10.4
High WL											11.8	10.4
Hi Yr											1990	1990
Low WL											11.8	10.4
Lo Yr											1990	1990
<u>WATER YEAR 90</u>											11.82	10.40
Rdg											3	1
Day												

T102 R40 S7 QQQ: AAAA  
Obwell # 53009Aquifer: QBAAQBA  
Observer: SWCDDepth: 134.5  
Years of Record: 3

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	26.5	26.4	26.5			26.0	27.0	27.1	27.1	27.4	26.9	26.1
High WL	25.6	25.6	25.4			26.0	25.9	25.9	26.2	26.5	25.3	25.2
Hi Yr	1988	1988	1988			1989	1989	1989	1989	1989	1988	1988
Low WL	27.4	27.2	27.6			26.0	28.2	28.3	28.1	28.2	28.6	27.1
Lo Yr	1989	1989	1989			1989	1990	1990	1990	1990	1990	1989
<u>WATER YEAR 90</u>	27.36	27.24	27.64				28.18	28.26	28.07	28.22	28.58	
Rdg	2	7	6				2	1	1	3	1	
Day												

T102 R43 S32 QQQ: DDAD  
Obwell # 53010Aquifer: QBAAQBA  
Observer: SWCDDepth: 88.0  
Years of Record: 3

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	26.6	26.6	26.5			26.4	26.2	26.2	26.6	26.8	26.5	26.6
High WL	26.1	26.2	26.0			26.4	26.1	25.7	26.4	26.6	26.2	26.2
Hi Yr	1988	1988	1988			1989	1989	1988	1989	1989	1988	1988
Low WL	27.0	27.0	27.0			26.4	26.3	26.8	26.8	27.0	26.8	26.9
Lo Yr	1989	1989	1989			1989	1990	1990	1990	1990	1990	1989
<u>WATER YEAR 90</u>	27.03	26.97	26.95				26.33	26.79	26.80	27.01	26.83	
Rdg	2	8	6				2	1	1	3	1	
Day												

T102 R43 S32 QQQ: DDAD  
Obwell # 53011Aquifer: QWTAQWTA  
Observer: SWCDDepth: 47.0  
Years of Record: 3

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.7	25.7	25.6			25.5	26.1	25.2	25.7	25.9	25.6	25.6
High WL	25.2	25.3	25.0			25.5	25.2	24.6	25.5	25.7	25.3	25.2
Hi Yr	1988	1988	1988			1989	1989	1988	1989	1989	1988	1988
Low WL	26.1	26.1	26.2			25.5	27.0	25.9	25.9	26.1	25.9	26.0
Lo Yr	1989	1989	1989			1989	1990	1990	1990	1990	1990	1989
<u>WATER YEAR 90</u>	26.11	26.06	26.17				27.03	25.93	25.87	26.05	25.88	
Rdg	2	8	6				1	1	1	3	1	
Day												

Norman County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T143 R44 S29** QQQ: ABA  
Obwell # 54006

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 180.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	36.8	34.4	33.1			31.6	31.4	31.1	33.5	45.1	53.4	43.5
High WL	31.0	30.4	30.0			29.9	29.6	29.7	29.8	29.6	30.7	32.3
Hi Yr	1985	1985	1985			1986	1986	1986	1985	1985	1986	1985
Low WL	40.9	36.7	34.9			33.0	32.6	32.0	41.2	70.8	78.0	51.6
Lo Yr	1988	1988	1989			1990	1990	1990	1989	1989	1988	1990
<u>WATER YEAR 90</u>						33.03	32.61	32.00	31.73	45.23	70.25	51.55
Rdg	39.87	36.56	34.87			9	11	17	21	17	13	26
Day	16	16	20									

**T143 R44 S32** QQQ: ABC  
Obwell # 54002

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 248.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	38.6	33.4	34.1	32.8			32.1	31.6	31.5	36.2	58.9	47.3
High WL	32.0	33.4	34.1	32.8			31.0	31.6	31.5	31.4	58.7	42.6
Hi Yr	1985	1983	1983	1983			1983	1983	1983	1983	1983	1983
Low WL	47.3	33.4	34.1	32.8			33.4	31.6	31.5	41.0	59.1	52.0
Lo Yr	1984	1983	1983	1983			1990	1983	1983	1982	1982	1982
<u>WATER YEAR 90</u>							33.43					
Rdg	40.17						11					
Day	16											

**T144 R44 S7** QQQ: BD  
Obwell # 54005

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 189.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	31.3	31.6	30.5			30.2	30.1	30.9	29.6	30.0	36.5	32.7
High WL	29.0	28.6	27.2			29.5	28.8	29.4	27.4	27.9	28.2	28.6
Hi Yr	1985	1985	1985			1988	1986	1988	1985	1986	1986	1985
Low WL	37.2	36.7	33.4			31.0	32.0	33.6	33.7	31.9	55.6	40.8
Lo Yr	1984	1983	1984			1985	1984	1990	1990	1990	1989	1989
<u>WATER YEAR 90</u>						30.65	30.62	33.57	33.73	31.88	31.87	32.74
Rdg	32.20	31.50	31.32			21	11	17	21	17	13	26
Day	16	16	27									

**T144 R45 S12** QQQ: ACA  
Obwell # 54003

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 110.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.5	29.8	27.2	26.7			25.9	27.6	27.1	27.2	37.3	30.7
High WL	24.8	27.7	27.0	26.7			24.7	27.6	27.1	26.6	26.7	27.5
Hi Yr	1986	1982	1982	1983			1986	1983	1983	1983	1983	1983
Low WL	32.4	32.0	27.4	26.7			28.4	27.6	27.1	27.8	47.9	33.9
Lo Yr	1984	1983	1983	1983			1984	1983	1983	1982	1982	1982
<u>WATER YEAR 90</u>							26.18					
Rdg	27.61						11					
Day	16											

Norman County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T144 R45 S12 QQQ: CCD**  
Obwell # 54007Aquifer: QBAAQBAA  
Observer: SWCDDepth: 134.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.9	24.7	24.6			24.8	24.8	24.7	24.7	24.8	25.3	25.5
High WL	24.0	23.9	23.8			24.4	24.4	24.0	23.9	23.9	23.8	24.0
Hi Yr	1986	1986	1986			1986	1987	1986	1986	1986	1986	1986
Low WL	26.9	26.2	25.8			25.7	25.8	25.9	26.0	26.2	28.3	28.2
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	26.94	26.20	25.84			25.66	25.75	25.87	25.97	26.20	26.23	26.98
Day	16	16	27			21	11	17	21	17	13	26

**T145 R44 S8 QQQ: DDA**  
Obwell # 54008Aquifer: QBAAQBAA  
Observer: SWCDDepth: 228.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	29.6	29.5	29.4			29.4	29.4	29.4	29.4	29.6	29.6	29.8
High WL	29.1	29.1	28.9			28.9	29.0	29.0	28.8	29.2	29.0	29.2
Hi Yr	1987	1986	1986			1987	1987	1987	1987	1987	1989	1987
Low WL	30.1	30.1	30.0			30.1	30.2	29.8	29.9	30.2	30.6	30.7
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	30.11	30.08	30.02			30.10	30.21	29.83	29.85	30.24	30.59	30.67
Day	19	16	27			21	11	17	21	17	13	26

**T145 R44 S17 QQQ: DAC**  
Obwell # 54004Aquifer: QBAAQBAA  
Observer: SWCDDepth: 117.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	15.4	15.3	15.3	15.3			14.2	14.6	15.0	14.5	37.3	17.8
High WL	14.2	15.1	15.0	15.3			13.2	14.6	15.0	14.5	29.5	17.2
Hi Yr	1985	1983	1983	1983			1987	1983	1983	1983	1982	1982
Low WL	16.8	15.4	15.5	15.3			15.3	14.6	15.0	14.5	45.1	18.4
Lo Yr	1982	1982	1982	1983			1990	1983	1983	1983	1983	1983
<u>WATER YEAR 90</u>												
Rdg	15.47						15.34					
Day	16						11					

Olmsted County

DNR Region 5

## SUMMARY FOR 1990 WATER YEAR

T105 R13 S4 QQQ: CAAB  
Obwell # 55004

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 473.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	32.1	32.6		32.8	33.3	31.0	30.5		20.8			
High WL	32.1	32.6		32.8	33.3	31.0	30.5		20.8			
Hi Yr	1989	1989		1990	1990	1990	1990		1990			
Low WL	32.1	32.6		32.8	33.3	31.0	30.5		20.8			
Lo Yr	1989	1989		1990	1990	1990	1990		1990			
<u>WATER YEAR 90</u>												
Rdg	32.09	32.59		32.80	33.30	30.98	30.45		20.75			
Day	19	29		4	6	14	10		13			

T106 R13 S22 QQQ: CCB  
Obwell # 55005

Aquifer: CJDNJJD  
Observer:

Depth: 510.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave				32.4	32.6	32.2	32.5		30.7			
High WL				32.4	32.6	32.2	32.5		30.7			
Hi Yr				1990	1990	1990	1990		1990			
Low WL				32.4	32.6	32.2	32.5		30.7			
Lo Yr				1990	1990	1990	1990		1990			
<u>WATER YEAR 90</u>												
Rdg				32.36	32.63	32.22	32.54		30.72			
Day				4	6	14	10		13			

T106 R14 S14 QQQ: ADB1  
Obwell # 55000

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 478.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	57.6	57.9	55.7	56.7	56.9	57.0	57.1	55.7	60.9	60.3	60.0	60.7
High WL	51.5	53.0	52.6	52.2	53.1	52.3	50.6	51.9	51.1	53.1	55.1	55.6
Hi Yr	1982	1975	1983	1975	1983	1985	1983	1984	1975	1975	1974	1984
Low WL	67.6	64.9	59.5	66.4	66.7	63.8	66.6	59.1	69.5	71.9	70.6	66.9
Lo Yr	1989	1988	1978	1990	1990	1989	1990	1977	1988	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	67.60	61.69		66.43	66.70	60.97	66.59		68.49			
Day	19	29		4	6	14	10		13			

Ottertail County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T131 R36 S20 QQQ: BCC1**  
Obwell # 56018

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.4	15.3	15.3	15.7	16.0	15.7	15.2	14.8	14.6	14.8	14.9	15.2
High WL	12.5	13.0	13.3	14.0	14.2	13.8	13.1	12.1	12.5	12.5	11.3	11.8
Hi Yr	1986	1986	1986	1973	1973	1987	1986	1986	1986	1986	1972	1972
Low WL	17.8	18.0	18.2	18.4	18.5	18.5	18.3	18.0	17.8	18.1	18.5	17.7
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
WATER YEAR 90	Rdg	16.52	16.37	16.38		16.67	16.64	16.58	16.43	16.28	16.24	16.27
	Day	12	14	18		20	19	15	20	13	17	14

**T131 R36 S31 QQQ: DDD1**  
Obwell # 56019

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 0.0  
Years of Record: 19

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.6	4.2	4.5	4.9	5.1	4.6	3.9	3.8	3.8	4.2	4.5	4.6
High WL	3.1	3.2	3.2	3.4	3.2	2.2	2.4	2.6	2.6	2.7	3.0	3.2
Hi Yr	1984	1986	1986	1973	1973	1987	1986	1985	1987	1985	1972	1986
Low WL	7.9	5.8	8.0	8.1	8.2	7.6	7.2	6.6	6.5	7.0	7.5	6.7
Lo Yr	1976	1978	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
WATER YEAR 90	Rdg	5.30	5.35	5.72		5.54	5.03	4.54	4.17	4.52	4.70	5.93
	Day	12	14	18		20	19	15	20	13	17	14

**T131 R37 S3 QQQ: CBC1**  
Obwell # 56021

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 28.0  
Years of Record: 19

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.8	24.4	24.9	25.8	26.0	25.4	25.0	24.8	24.7	24.5	24.7	24.8
High WL	20.4	20.5	21.0	23.5	23.7	21.8	21.9	21.6	22.1	21.0	21.0	20.7
Hi Yr	1986	1981	1986	1973	1973	1987	1987	1986	1986	1986	1986	1986
Low WL	27.9	27.4	27.5	27.7	27.9	28.0	28.0	27.8	28.0	28.1	28.3	28.2
Lo Yr	1977	1977	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
WATER YEAR 90	Rdg	25.55	25.55	25.77		26.02	25.90	25.98	25.85	25.69	26.14	26.22
	Day	12	14	18		20	19	15	20	13	17	14

**T131 R37 S8 QQQ: CCD**  
Obwell # 56034

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 19

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	33.4	33.5	33.4	34.9	35.0	33.8	33.3	33.3	33.5	33.6	33.4	33.5
High WL	29.4	30.6	29.6	34.2	34.4	30.1	30.2	30.4	30.6	30.7	30.1	30.2
Hi Yr	1986	1986	1986	1973	1973	1987	1987	1987	1987	1986	1986	1986
Low WL	35.6	35.2	35.3	35.5	35.7	35.8	35.5	35.6	36.0	35.9	35.9	36.0
Lo Yr	1984	1973	1973	1974	1974	1974	1990	1990	1972	1972	1990	1990
WATER YEAR 90	Rdg	34.88	34.93	35.11		35.55	35.50	35.63	35.59	35.58	35.90	35.98
	Day	12	14	18		20	19	15	20	13	17	14

Ottertail County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T131 R37 S13 QQQ: DDC**  
Obwell # 56043

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 165.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.8					13.1	13.0					
High WL	11.5					10.9	12.0					
Hi Yr	1986					1987	1986					
Low WL	14.4					15.2	14.5					
Lo Yr	1989					1989	1990					
<u>WATER YEAR 90</u>												
Rdg	14.43						14.46					
Day	12						19					

**T132 R36 S28 QQQ: AAD1**  
Obwell # 56020

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.7	6.6	7.0	7.4	7.5	7.2	5.8	6.2	6.1	6.7	7.5	6.9
High WL	5.0	4.5	6.4	6.9	7.0	5.9	4.8	4.3	5.1	5.2	5.0	5.7
Hi Yr	1986	1979	1972	1982	1973	1987	1982	1972	1979	1979	1972	1972
Low WL	9.4	9.1	9.0	8.7	8.1	7.8	7.8	9.8	7.4	8.0	12.1	7.7
Lo Yr	1976	1976	1976	1977	1979	1979	1990	1977	1977	1980	1982	1978
<u>WATER YEAR 90</u>							7.79					
Rdg	7.42						19					
Day	12											

**T132 R37 S16 QQQ: BCD1**  
Obwell # 56022

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.1	12.1	12.1	12.8	12.9	12.4	11.9	11.7	11.7	11.8	12.0	12.0
High WL	9.5	9.7	9.8	10.9	11.1	10.0	9.7	9.2	9.4	9.1	9.2	9.4
Hi Yr	1986	1986	1986	1973	1973	1987	1986	1986	1986	1986	1985	1985
Low WL	14.1	14.2	14.3	14.5	14.7	14.4	14.2	14.0	14.1	14.3	14.7	14.7
Lo Yr	1977	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>						12.68	12.49	12.42	12.26	12.39	12.90	13.04
Rdg	12.66	12.73	12.84	18		20	19	15	20	13	17	14
Day	12	14										

**T132 R37 S32 QQQ: CAA1**  
Obwell # 56023

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 0.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	26.0	26.0	26.1	27.5	27.3	26.6	26.6	26.5	26.4	26.2	25.9	26.0
High WL	22.4	22.0	22.2	25.8	23.7	22.6	22.5	23.9	23.2	22.8	22.6	22.5
Hi Yr	1972	1986	1986	1974	1973	1987	1987	1987	1986	1986	1986	1972
Low WL	28.4	28.8	29.0	29.5	29.4	29.7	29.7	28.1	28.0	28.0	28.2	28.3
Lo Yr	1976	1976	1976	1978	1977	1977	1978	1978	1978	1978	1978	1978
<u>WATER YEAR 90</u>						27.49	27.76	27.83	27.98	27.78	27.76	27.75
Rdg	27.32	27.04	26.92	18		20	19	15	20	13	17	14
Day	12	14										

## SUMMARY FOR 1990 WATER YEAR

**T132 R37 S36 QQQ: ABB1**  
Obwell # 56024

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 31.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	19.3	19.2	19.4	19.8	19.9	20.1	19.0	18.7	18.7	18.9	19.2	19.3
High WL	17.4	17.7	17.9	18.5	18.7	18.0	17.7	17.1	17.3	17.5	17.4	17.5
Hi Yr	1986	1986	1986	1973	1981	1987	1986	1986	1985	1986	1972	1972
Low WL	22.1	22.2	22.3	22.4	22.4	26.5	21.6	21.0	21.0	21.5	21.7	21.0
Lo Yr	1976	1976	1976	1977	1977	1990	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	19.70	19.70	19.95			26.49	19.75	19.47	18.85	18.98	19.89	20.09
Day	12	14	18			20	19	15	20	13	17	14

**T132 R39 S28 QQQ: BBA**  
Obwell # 56000

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 89.0  
Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	30.0	30.1	30.4	30.3	30.8	30.4	30.0	30.1	30.2	30.2	30.3	30.2
High WL	25.3	25.1	24.9	27.1	25.5	24.8	24.9	25.1	25.1	25.4	25.5	25.6
Hi Yr	1986	1986	1986	1974	1973	1987	1987	1987	1987	1987	1987	1987
Low WL	33.3	33.3	33.3	33.3	33.4	33.5	32.7	32.6	32.5	32.8	33.1	33.1
Lo Yr	1977	1977	1977	1978	1978	1978	1984	1984	1977	1990	1971	1977
<u>WATER YEAR 90</u>												
Rdg	31.44	31.64	31.66			32.49	32.58	32.52	32.50	32.83	32.79	32.78
Day	26	28	20			15	19	7	11	9	7	6

**T133 R36 S28 QQQ: CCC1**  
Obwell # 56025

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.5	10.4	10.6	11.0	11.1	10.9	9.9	9.7	9.6	9.7	10.3	10.4
High WL	8.2	8.3	8.6	9.0	9.2	9.3	8.3	8.2	8.2	7.6	7.3	7.8
Hi Yr	1972	1972	1972	1973	1973	1973	1973	1986	1972	1985	1972	1972
Low WL	13.2	13.2	13.4	13.6	13.8	13.4	13.1	12.2	12.2	12.0	12.5	12.6
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	10.24	10.28	10.65			10.67	10.21	9.97	9.21	9.17	10.27	10.61
Day	12	14	18			20	19	15	20	13	17	14

**T133 R37 S23 QQQ: CCB1**  
Obwell # 56026

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.9	9.9	10.1	10.6	10.8	10.5	9.9	9.7	9.5	9.6	9.7	9.7
High WL	7.1	7.4	7.6	8.3	8.6	8.0	7.2	6.6	6.6	6.7	6.4	6.7
Hi Yr	1986	1986	1986	1973	1973	1987	1986	1986	1985	1985	1985	1972
Low WL	12.5	12.7	12.9	13.1	13.3	13.2	13.1	12.6	12.6	12.7	12.7	12.9
Lo Yr	1977	1976	1976	1977	1977	1977	1977	1978	1978	1978	1977	1977
<u>WATER YEAR 90</u>												
Rdg	10.28	10.42	10.62			10.85	10.56	10.33	10.05	9.93	10.26	9.56
Day	12	14	18			20	19	15	20	13	17	14

Ottertail County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

T133 R39 S10 QQQ: CCD1  
Obwell # 56001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 24

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.2	8.0	7.9	8.1	8.4	8.0	7.9	7.9	7.8	7.9	8.1	8.4
High WL	6.0	5.7	5.8	6.7	7.2	5.8	6.9	6.9	6.4	6.7	6.5	6.2
Hi Yr	1985	1986	1986	1973	1983	1987	1987	1986	1985	1986	1986	1986
Low WL	10.0	9.7	10.0	9.4	10.3	10.0	9.8	9.2	9.4	9.4	9.7	9.8
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1976
<u>WATER YEAR 90</u>												
Rdg	8.26	7.93	7.45			8.11	7.96	7.81	7.99	7.76	8.10	8.18
Day	11	13	15			19	16	17	15	13	14	13

T133 R40 S13 QQQ: CCA  
Obwell # 56003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.0  
Years of Record: 23

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.8	5.8	5.8	5.9	5.9	5.7	5.3	5.3	5.0	5.4	5.6	5.8
High WL	4.2	4.2	4.3	4.8	4.8	4.5	4.1	4.1	1.4	3.9	4.2	4.2
Hi Yr	1986	1986	1986	1973	1973	1989	1986	1986	1973	1986	1972	1986
Low WL	7.2	7.3	7.3	7.3	7.3	7.0	6.9	6.5	6.7	6.7	6.9	6.9
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1976
<u>WATER YEAR 90</u>												
Rdg	5.74	5.75	5.77			5.40	5.31	5.22	5.17	5.72	5.78	5.70
Day	26	28	20			15	19	7	11	9	7	6

T134 R36 S2 QQQ: DCC3  
Obwell # 56005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.2  
Years of Record: 25

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.9	15.5	15.6	15.7	15.9	15.9	15.4	15.3	15.4	16.0	17.1	16.4
High WL	13.7	13.2	13.7	14.1	14.4	14.1	10.5	10.5	10.6	11.0	11.3	13.4
Hi Yr	1972	1972	1986	1967	1973	1986	1987	1987	1987	1987	1987	1972
Low WL	18.6	18.1	18.0	18.1	18.2	18.3	18.2	19.6	20.9	20.7	21.8	20.2
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1970	1978
<u>WATER YEAR 90</u>												
Rdg	17.31	17.30	17.29			17.28	17.31	17.27	17.27	17.29	17.38	17.43
Day	17	14	18			20	13	14	15	13	17	14

T134 R36 S2 QQQ: DCC4  
Obwell # 56006

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 63.5  
Years of Record: 24

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	17.7	17.3	17.5	17.6	17.9	17.8	17.4	17.2	17.5	18.8	20.4	18.3
High WL	14.9	15.1	15.3	15.7	16.6	16.2	15.4	14.4	14.8	15.3	15.3	15.1
Hi Yr	1986	1986	1986	1974	1973	1987	1986	1986	1986	1986	1972	1985
Low WL	20.6	20.0	20.0	20.1	20.2	20.3	20.2	21.3	23.7	24.3	25.7	22.6
Lo Yr	1988	1976	1976	1977	1977	1977	1977	1977	1977	1988	1990	1976
<u>WATER YEAR 90</u>												
Rdg	19.13	18.84	18.87			18.75	18.65	18.70	18.62	19.20	25.73	20.37
Day	17	14	18			20	13	14	15	13	17	14

Ottertail County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

T134 R36 S8 QQQ: BCA  
Obwell # 56042

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 107.0  
Years of Record: 7

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	40.6					42.3	41.0					
High WL	39.2					41.6	40.0					
Hi Yr	1986					1987	1986					
Low WL	42.1					43.2	42.0					
Lo Yr	1989					1989	1990					
<u>WATER YEAR 90</u>												
Rdg	42.07					42.29	42.02					
Day	17					20	13					

T134 R37 S14 QQQ: CCC  
Obwell # 56037

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 130.0  
Years of Record: 7

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	29.1					29.3	28.7					
High WL	25.7					26.6	26.3					
Hi Yr	1986					1987	1986					
Low WL	31.6					32.2	30.6					
Lo Yr	1988					1989	1990					
<u>WATER YEAR 90</u>												
Rdg	31.20						30.59					
Day	12						19					

T134 R39 S1 QQQ: ACD2  
Obwell # 56008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 52.5  
Years of Record: 23

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	2.6	2.6	2.7	2.8	2.9	2.7	2.1	2.7	3.0	4.1	4.1	2.9
High WL	0.1	0.7	1.0	1.8	1.9	0.7	0.1	-0.6	-0.1	0.4	0.2	0.4
Hi Yr	1986	1985	1985	1973	1973	1987	1986	1986	1986	1986	1985	1985
Low WL	4.7	4.8	4.9	4.9	4.9	4.6	4.5	7.7	7.1	8.0	8.2	5.3
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1988	1988	1976
<u>WATER YEAR 90</u>												
Rdg	3.29	3.36	3.50			3.06	2.82	2.71	2.40	3.46	5.49	3.68
Day	11	13	15			19	16	15	15	13	15	13

T134 R39 S29 QQQ: CBC  
Obwell # 56040

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 145.0  
Years of Record: 7

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.9					25.8	25.1					
High WL	23.2					24.1	24.3					
Hi Yr	1985					1987	1986					
Low WL	28.3					27.4	25.9					
Lo Yr	1988					1989	1990					
<u>WATER YEAR 90</u>												
Rdg	27.29						25.91					
Day	11						16					

## SUMMARY FOR 1990 WATER YEAR

T134 R41 S8 QQQ: CCC1  
Obwell # 56009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 43.3  
Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	26.6	26.7	26.8	26.9	27.1	26.7	26.3	26.2	26.3	26.3	26.5	26.6
High WL	23.4	23.4	23.4	25.6	25.7	23.6	23.7	23.9	24.0	23.9	23.8	23.6
Hi Yr	1986	1986	1986	1973	1973	1987	1987	1987	1987	1986	1986	1986
Low WL	28.3	28.4	28.7	28.6	28.7	28.7	27.9	27.9	28.3	28.4	28.6	29.0
Lo Yr	1983	1983	1983	1982	1982	1982	1977	1983	1984	1984	1984	1984
<u>WATER YEAR 90</u>						26.70	26.65	26.47	26.00	25.90	25.91	25.90
Rdg	26.54	26.69	26.63			15	19	7	11	9	7	6
Day	26	28	20									

T134 R41 S15 QQQ: CBC  
Obwell # 56010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.5  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.3	14.2	14.3	14.5	14.5	14.3	14.0	14.0	14.1	14.1	14.3	14.4
High WL	12.4	12.4	12.4	13.4	13.4	12.3	12.3	12.7	12.7	12.6	12.6	12.5
Hi Yr	1986	1986	1986	1973	1973	1987	1987	1986	1986	1986	1986	1986
Low WL	15.4	15.5	15.5	15.5	15.6	15.5	15.3	15.2	15.3	15.4	15.6	15.9
Lo Yr	1983	1983	1981	1982	1982	1982	1977	1977	1977	1977	1977	1984
<u>WATER YEAR 90</u>						14.26	14.11	14.03	14.00	14.24	14.24	14.15
Rdg	14.44	14.52	14.48			15	19	7	11	9	7	6
Day	26	28	20									

T134 R43 S14 QQQ: ADB1  
Obwell # 56031

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 49.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.6	25.7	25.7	26.0	26.2	25.4	25.1	25.0	25.0	25.4	25.5	25.5
High WL	23.6	23.6	23.6	25.3	26.0	23.5	23.5	23.7	23.7	23.8	23.9	23.8
Hi Yr	1986	1986	1986	1979	1980	1987	1987	1986	1986	1986	1986	1986
Low WL	26.5	26.5	26.5	26.5	26.4	26.2	26.1	26.3	26.0	27.1	26.3	26.5
Lo Yr	1983	1977	1988	1981	1981	1979	1983	1981	1983	1977	1983	1982
<u>WATER YEAR 90</u>						25.71	25.65	25.60	25.45	25.73	25.76	25.67
Rdg	25.79	25.89	25.68			15	19	7	11	9	7	6
Day	26	28	20									

T135 R38 S8 QQQ: BCB  
Obwell # 56038

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 67.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.2					9.3	9.3					
High WL	7.1					8.1	7.5					
Hi Yr	1986					1988	1986					
Low WL	11.3					11.2	10.5					
Lo Yr	1988					1989	1990					
<u>WATER YEAR 90</u>												
Rdg	10.73						10.52					
Day	11						16					

Ottertail County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T135 R39 S11**    QQQ: BBB  
 Obwell # 56011

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 41.2  
 Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.7	24.7	24.8	24.8	25.0	25.1	24.5	24.4	24.4	24.4	24.6	24.8
High WL	22.3	22.4	22.5	23.1	23.4	22.2	22.2	21.9	21.6	22.1	22.0	22.3
Hi Yr	1986	1986	1986	1980	1980	1987	1978	1986	1986	1979	1979	1979
Low WL	26.5	26.5	26.6	26.7	26.9	26.9	26.9	27.1	27.1	27.1	27.3	26.9
Lo Yr	1988	1988	1988	1977	1977	1989	1977	1977	1977	1977	1977	1977
<b>WATER YEAR 90</b>						<b>25.95</b>	<b>25.70</b>	<b>25.55</b>	<b>24.38</b>	<b>25.50</b>	<b>25.96</b>	<b>25.77</b>
Rdg	25.95	25.84	25.88			19	16	15	14	13	15	13
Day	11	13	15									

**T136 R38 S29**    QQQ: BBB  
 Obwell # 56012

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 37.8  
 Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	28.5	28.6	28.7	28.8	28.9	29.1	28.8	28.8	28.8	28.6	28.5	28.5
High WL	26.4	26.6	26.8	27.0	27.2	27.3	27.0	27.3	27.1	26.8	26.5	26.3
Hi Yr	1979	1979	1979	1980	1980	1980	1978	1980	1986	1986	1979	1979
Low WL	30.7	30.3	30.5	30.7	30.9	31.0	31.1	31.2	31.3	31.3	31.1	31.0
Lo Yr	1977	1988	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
<b>WATER YEAR 90</b>						<b>29.61</b>	<b>29.63</b>	<b>29.70</b>	<b>29.75</b>	<b>29.60</b>	<b>29.19</b>	<b>29.00</b>
Rdg	29.71	29.55	29.58			19	16	15	14	13	15	13
Day	11	13	15									

**T136 R39 S14**    QQQ: DAD2  
 Obwell # 56013

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 31.0  
 Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	22.8	22.6	22.7	22.5	22.6	22.8	22.7	22.5	22.6	22.5	22.8	22.8
High WL	20.8	20.8	21.2	21.3	20.7	21.7	21.5	20.2	20.8	20.1	20.7	20.6
Hi Yr	1972	1986	1986	1974	1980	1973	1972	1986	1986	1975	1972	1972
Low WL	24.5	24.5	24.7	24.7	24.8	24.9	24.9	25.0	25.0	24.8	25.0	24.9
Lo Yr	1988	1988	1988	1977	1977	1977	1977	1977	1977	1977	1988	1988
<b>WATER YEAR 90</b>						<b>23.60</b>	<b>23.62</b>	<b>23.77</b>	<b>23.73</b>	<b>23.91</b>	<b>24.12</b>	<b>23.88</b>
Rdg	23.69	23.49	24.04			19	16	15	14	13	15	13
Day	11	13	15									

**T136 R39 S19**    QQQ: ABD2  
 Obwell # 56014

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 64.0  
 Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	42.1	42.0	41.8	41.9	41.8	41.8	41.6	42.5	42.4	43.2	43.8	42.8
High WL	39.4	39.1	39.2	40.4	38.7	39.2	38.2	39.1	38.9	39.5	40.3	39.6
Hi Yr	1985	1985	1985	1980	1975	1975	1987	1986	1986	1986	1986	1972
Low WL	44.2	43.9	43.5	43.3	43.4	43.8	43.6	55.5	47.3	46.3	47.0	46.3
Lo Yr	1977	1977	1988	1982	1977	1989	1977	1987	1977	1984	1976	1986
<b>WATER YEAR 90</b>						<b>43.15</b>	<b>42.91</b>	<b>42.93</b>	<b>42.91</b>	<b>43.63</b>	<b>44.58</b>	<b>43.77</b>
Rdg	43.80	43.30	43.12			19	16	15	15	13	14	13
Day	12	13	15									

## SUMMARY FOR 1990 WATER YEAR

**T136 R43 S10** QQQ: AAA1  
Obwell # 56032

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.1	8.1	8.2	8.3	8.4	7.8	7.7	7.7	7.8	8.1	8.2	8.2
High WL	7.0	6.9	6.9	7.7	8.2	6.8	6.8	6.8	6.8	6.9	7.2	7.1
Hi Yr	1986	1986	1986	1980	1984	1987	1986	1986	1986	1986	1986	1986
Low WL	8.6	8.6	8.7	8.7	8.7	8.4	8.4	8.4	8.5	8.7	8.7	8.8
Lo Yr	1989	1989	1980	1981	1981	1979	1981	1981	1983	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	8.55	8.64	8.66			8.10	8.13	8.20	8.30	8.65	8.73	8.75
Day	26	28	20			15	19	7	11	9	7	6

**T137 R37 S27** QQQ: BCB  
Obwell # 56039

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 160.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.5	8.5	8.9			9.3	8.3	7.7	8.8	12.1	11.2	9.6
High WL	6.5	6.8	7.2			7.6	7.2	5.4	6.0	6.9	6.3	6.3
Hi Yr	1985	1986	1985			1987	1986	1986	1986	1985	1985	1985
Low WL	10.4	9.9	10.5			11.1	9.5	9.2	12.2	17.8	18.7	14.5
Lo Yr	1988	1989	1988			1989	1990	1988	1988	1989	1989	1990
<u>WATER YEAR 90</u>												
Rdg	9.73	9.88	10.20			10.24	9.46	9.04	10.09	14.09	14.82	14.46
Day	12	13	15			19	13	15	15	19	14	13

**T137 R39 S18** QQQ: ADA  
Obwell # 56041

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 72.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.0					14.6	13.8					
High WL	12.8					13.6	12.9					
Hi Yr	1985					1987	1986					
Low WL	15.4					15.4	14.3					
Lo Yr	1988					1989	1990					
<u>WATER YEAR 90</u>												
Rdg	14.26						14.32					
Day	11						16					

**T137 R39 S22** QQQ: ACD1  
Obwell # 56017

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 23.5  
Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.2	8.9	9.2	9.3	9.6	9.5	9.1	8.8	8.7	8.8	8.8	9.3
High WL	8.0	7.4	7.6	7.8	8.0	8.1	7.7	7.0	7.1	7.4	6.8	7.2
Hi Yr	1984	1986	1986	1987	1987	1987	1987	1986	1986	1979	1985	1986
Low WL	10.7	10.8	10.9	11.1	11.3	11.1	11.0	11.0	11.2	10.5	11.1	11.1
Lo Yr	1976	1988	1976	1977	1977	1977	1977	1977	1977	1981	1977	1977
<u>WATER YEAR 90</u>												
Rdg	8.90	9.54	9.81	9.97	10.16	9.72	9.62	9.47	9.36	9.67	9.99	9.92
Day	20	19	20	20	26	20	20	21	20	20	19	18

Pine County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T39 R20 S18 QQQ: DDD1**  
Obwell # 58005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.8  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.6	9.9	9.9	10.1	10.9	10.4	9.8	9.7	9.5	9.7	9.9	9.9
High WL	7.4	7.7	8.5	9.3	10.9	9.4	8.1	7.1	7.8	8.1	8.3	7.7
Hi Yr	1986	1986	1986	1978	1981	1987	1986	1986	1986	1986	1986	1986
Low WL	11.1	11.1	11.2	11.0	10.9	11.4	11.0	10.6	10.4	10.8	10.9	11.0
Lo Yr	1988	1988	1988	1981	1981	1989	1990	1990	1990	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	10.72	10.91	11.08			11.36	11.00	10.64	10.35	9.84	9.54	10.35
Day	3	1	5			9	11	9	7	3	1	24

**T40 R18 S18 QQQ: DBC1**  
Obwell # 58006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.5  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.8	10.8	10.6	28.5	28.3	7.6	10.1	12.6	12.5	11.9	9.7	11.9
High WL	1.6	2.2	2.3	28.1	28.3	2.5	1.6	1.7	2.1	2.7	2.5	1.8
Hi Yr	1986	1986	1984	1984	1987	1986	1986	1986	1986	1986	1986	1985
Low WL	30.2	29.6	29.4	29.0	28.3	28.4	28.7	30.5	29.6	30.1	28.3	30.2
Lo Yr	1982	1982	1982	1983	1984	1984	1983	1982	1982	1982	1983	1982
<u>WATER YEAR 90</u>												
Rdg	4.60	4.52	4.48			4.56	3.89	3.10	3.40	3.99	4.24	4.75
Day	3	9	6			12	3	9	7	5	1	17

**T41 R18 S33 QQQ: AAD1**  
Obwell # 58004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 24.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.3	9.3	9.3	8.9	9.5	10.0	9.3	8.8	8.5	8.7	9.3	9.4
High WL	6.0	6.6	6.9	7.6	7.7	7.4	6.7	5.4	5.3	6.1	7.0	6.5
Hi Yr	1986	1986	1986	1984	1984	1984	1983	1986	1984	1984	1986	1986
Low WL	12.2	12.2	11.7	11.1	11.3	12.7	12.1	11.4	10.7	11.4	11.7	12.1
Lo Yr	1988	1988	1988	1981	1981	1989	1989	1989	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	11.14	11.47	11.19			12.64	11.87	11.23	10.68	10.51	10.62	11.23
Day	3	9	6			12	3	9	5	1	1	17

**T41 R19 S33 QQQ: CCC**  
Obwell # 58003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 51.2  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.3	25.6	25.6	25.8	26.4	26.0	25.7	25.5	25.4	25.4	25.6	25.6
High WL	23.1	23.5	23.6	25.4	26.4	24.3	24.1	23.1	23.4	23.5	23.6	23.4
Hi Yr	1986	1986	1986	1978	1981	1987	1986	1986	1986	1986	1986	1986
Low WL	26.9	27.0	27.0	26.3	26.4	27.4	26.8	26.6	26.4	26.6	26.7	26.8
Lo Yr	1988	1977	1988	1981	1981	1989	1989	1989	1990	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	26.18	26.33	26.38			26.92	26.73	26.57	26.38	26.32	26.32	26.56
Day	3	9	6			12	3	9	5	1	1	17

Pine County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T41 R20 S32 QQQ: BBB1**  
Obwell # 58002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 42.7  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	18.2	18.6	18.6	19.5	19.3	19.3	18.7	18.6	18.7	18.2	18.3	18.4
High WL	12.3	12.9	13.4	18.2	18.3	15.6	15.9	14.2	14.0	12.5	14.0	13.6
Hi Yr	1986	1986	1986	1984	1984	1987	1987	1986	1986	1986	1986	1986
Low WL	20.6	21.5	20.9	20.1	20.3	21.3	21.1	21.3	21.4	21.5	21.5	21.5
Lo Yr	1989	1977	1989	1978	1981	1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	20.64	20.76	20.85			21.34	21.09	21.34	21.44	21.45	21.52	21.51
Day	3	1	5			8	3	9	7	3	1	17

**T44 R19 S10 QQQ: BAB1**  
Obwell # 58001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.5  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.1	10.5	10.6	11.5	12.2	11.2	10.6	10.2	10.1	10.2	10.3	10.2
High WL	7.1	7.8	8.4	11.0	12.2	9.4	9.2	8.2	7.9	8.1	8.4	7.2
Hi Yr	1986	1986	1986	1978	1981	1987	1986	1986	1986	1986	1986	1986
Low WL	11.4	12.2	11.6	12.0	12.2	12.4	11.7	11.3	11.2	11.5	11.2	11.3
Lo Yr	1988	1977	1980	1981	1981	1990	1990	1981	1980	1980	1988	1988
<u>WATER YEAR 90</u>												
Rdg	11.23		11.54			12.38	11.67	11.18	10.90	10.66	10.59	10.30
Day	13		1			6	4	9	8	3	1	17

**T44 R20 S13 QQQ: AAA1**  
Obwell # 58007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 28.6  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.2	10.1	10.4	9.4	9.6	10.8	10.4	9.7	9.6	9.8	10.1	10.1
High WL	8.1	8.7	9.0	9.4	9.6	9.0	9.2	8.6	8.3	8.3	8.8	7.9
Hi Yr	1986	1986	1986	1984	1984	1987	1984	1986	1986	1986	1983	1986
Low WL	11.6	11.8	11.7	9.4	9.6	12.2	11.8	11.0	10.6	11.0	11.4	11.4
Lo Yr	1988	1988	1988	1983	1984	1990	1990	1990	1990	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	11.49	11.61	11.59			12.24	11.82	10.96	10.59	10.55	10.60	10.71
Day	3	1	6			6	7	9	8	3	1	17

**T45 R20 S26 QQQ: DBB1**  
Obwell # 58000

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 28.0  
Years of Record: 23

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	20.0	19.9	19.9	20.1	20.1	20.4	20.3	19.9	19.5	19.6	19.5	19.8
High WL	17.1	17.3	17.8	18.3	18.6	18.8	18.0	17.7	17.0	17.4	16.4	17.1
Hi Yr	1972	1972	1972	1973	1973	1975	1974	1974	1974	1986	1974	1972
Low WL	21.6	21.7	21.7	22.0	22.1	22.3	22.3	22.0	21.6	21.7	21.7	21.6
Lo Yr	1980	1980	1980	1981	1981	1981	1981	1981	1981	1980	1977	1977
<u>WATER YEAR 90</u>												
Rdg	21.15	21.29	21.49	21.65	21.85	22.00	21.81	21.39	21.00	20.91	20.87	20.36
Day	3	1	6	3	7	6	4	9	8	3	1	17

## Pipestone County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T105 R44 S25 QQQ: CBBB**  
Obwell # 59008

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 59.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	35.0	35.5	35.2			38.3	39.4	39.5	40.3	40.4	41.1	40.9
High WL	20.5	21.8	19.6			31.3	29.9	30.8	31.4	32.6	34.3	33.1
Hi Yr	1986	1986	1986			1987	1987	1987	1987	1987	1987	1987
Low WL	44.2	44.4	44.6			45.3	45.6	45.8	45.9	46.3	46.4	46.6
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	44.17	44.38	44.55			45.33	45.63	45.79	45.94	46.25	46.36	46.58
Day	13	7	8			2	13	4	1	5	3	7

**T106 R44 S33 QQQ: CCD1**  
Obwell # 59000

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.5  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.4	5.6	5.2	5.5	5.2	3.9	3.8	4.6	5.1	5.2	5.4	6.8
High WL	2.7	3.5	3.7	4.6	3.2	2.0	1.5	2.5	3.9	3.2	2.0	4.8
Hi Yr	1986	1986	1986	1983	1984	1986	1984	1984	1986	1984	1985	1986
Low WL	6.7	6.6	6.5	6.2	6.1	6.3	6.3	6.6	6.7	6.8	6.4	9.8
Lo Yr	1981	1980	1980	1981	1981	1981	1981	1981	1981	1981	1980	1983
<u>WATER YEAR 90</u>												
Rdg	6.17	6.03	5.93			4.23	5.48	5.44	4.83	5.57	5.66	6.05
Day	13	7	8			2	13	4	1	5	3	7

**T106 R46 S7 QQQ: BBA**  
Obwell # 59004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 61.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	28.7	31.3	30.8			29.5	28.5	27.3	25.8	28.2	28.9	29.4
High WL	24.2	31.3	30.8			29.5	25.5	27.3	25.8	25.2	25.0	26.6
Hi Yr	1986	1982	1982			1983	1987	1983	1983	1983	1983	1983
Low WL	33.5	31.3	30.8			29.5	33.1	27.3	25.8	31.3	32.8	32.3
Lo Yr	1989	1982	1982			1983	1990	1983	1983	1982	1982	1982
<u>WATER YEAR 90</u>												
Rdg	33.47						33.12					
Day	13						13					

**T107 R44 S31 QQQ: ABBB**  
Obwell # 59007

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 26.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.3	5.3	4.8			5.2	4.3	4.1	4.7	5.3	5.9	6.4
High WL	3.1	3.4	1.5			3.6	3.3	3.6	4.1	4.1	4.5	5.5
Hi Yr	1986	1986	1986			1988	1987	1987	1990	1987	1990	1987
Low WL	7.1	7.0	7.0			7.7	6.0	5.0	5.5	6.2	7.3	7.5
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	7.10	6.97	6.95	8		7.74	5.97	4.95	4.09	4.80	4.51	5.58
Day	13	7	8			2	13	4	1	5	3	7

## SUMMARY FOR 1990 WATER YEAR

**T107 R46 S12 QQQ: DAD**  
Obwell # 59005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 57.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.9	10.3	10.6			10.6	10.7	9.4	9.2	8.8	10.2	12.3
High WL	8.7	10.3	9.1			9.3	8.0	7.0	7.5	6.5	8.2	11.4
Hi Yr	1986	1982	1982			1983	1983	1983	1983	1983	1983	1982
Low WL	16.1	10.3	12.2			11.9	14.1	11.7	10.9	10.5	11.9	13.4
Lo Yr	1988	1982	1989			1990	1986	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	13.22		12.21			11.92	11.73	11.70	10.90	10.51	11.88	13.44
Day	13		8			2	13	4	1	5	3	7

**T107 R46 S28 QQQ: BDB**  
Obwell # 59006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 44.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.6	6.9	5.5			4.1	7.1	2.7	4.1	4.7	7.0	7.5
High WL	2.5	6.9	5.5			4.1	2.7	2.7	4.1	3.5	6.9	7.2
Hi Yr	1986	1982	1982			1983	1983	1983	1983	1983	1982	1983
Low WL	10.4	6.9	5.5			4.1	14.1	2.7	4.1	5.9	7.2	7.8
Lo Yr	1988	1982	1982			1983	1989	1983	1983	1982	1983	1982
<u>WATER YEAR 90</u>												
Rdg	7.83						7.49					
Day	13						13					

**T107 R47 S12 QQQ: CDC1**  
Obwell # 59002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.5  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.7	9.9	9.6	9.6	9.7	8.8	8.3	9.1	9.2	9.3	9.9	10.5
High WL	6.9	8.3	7.2	8.6	8.5	5.9	5.9	6.8	7.9	8.0	8.9	9.2
Hi Yr	1986	1986	1986	1983	1984	1983	1986	1986	1984	1983	1986	1986
Low WL	10.7	10.6	10.5	10.6	10.6	10.7	10.5	12.7	10.6	10.9	12.0	16.0
Lo Yr	1983	1988	1989	1979	1981	1990	1990	1978	1981	1981	1985	1985
<u>WATER YEAR 90</u>												
Rdg	10.52	10.53	10.52			10.72	10.49	10.27	9.68	8.32	9.30	10.00
Day	13	7	8			2	13	4	1	5	3	7

Pope County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T123 R36 S1 QQQ: ACA2**  
Obwell # 61032

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.8	10.1	11.2	10.5	9.8	9.7	8.6	8.7	8.8	9.1	9.8	9.0
High WL	4.6	7.4	5.1	8.0	6.4	6.4	5.4	5.1	4.2	4.4	4.7	3.7
Hi Yr	1986	1985	1986	1986	1987	1986	1986	1986	1986	1986	1986	1986
Low WL	12.0	12.2	21.6	12.4	12.5	11.5	11.5	11.0	11.3	12.2	12.6	12.2
Lo Yr	1988	1988	1989	1989	1989	1990	1990	1989	1990	1989	1989	1988
<u>WATER YEAR 90</u>												
Rdg	11.24	11.40	21.57	11.76	11.93	11.52	11.48		11.29	10.21	10.67	10.95
Day	31	30	28	31	27	30	27		1	2	2	28

**T123 R36 S4 QQQ: ADDD**  
Obwell # 61039

Aquifer: QBAA  
Observer: SWCD

Depth: 126.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	27.3	26.7	26.5	26.6	26.8	26.4	25.9	25.7	31.6	48.2	48.5	29.2
High WL	27.3	26.7	26.6	26.6	26.8	26.4	25.7	25.7	26.1	25.7	36.3	29.2
Hi Yr	1989	1989	1989	1990	1990	1990	1989	1989	1990	1990	1989	1989
Low WL	27.3	26.7	26.6	26.6	26.8	26.4	26.2	25.7	37.1	70.7	60.7	29.3
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1989	1989	1989	1990	1990
<u>WATER YEAR 90</u>												
Rdg	27.25	26.70	26.55	26.61	26.78	26.42	26.20		26.09	25.65	60.70	29.25
Day	31	30	28	31	27	30	27		1	2	2	28

**T123 R36 S4 QQQ: ADDD**  
Obwell # 61040

Aquifer: QWTA  
Observer: SWCD

Depth: 20.6  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.5	20.6	20.9	21.0		20.6	19.9	19.2	20.0	20.0	20.0	20.5
High WL	20.5	20.6	20.9	21.1		20.6	19.3	19.2	19.5	19.7	20.1	20.5
Hi Yr	1989	1989	1989	1990		1990	1989	1989	1989	1990	1990	1989
Low WL	20.5	20.6	20.9	21.1		20.6	20.5	19.2	20.6	20.3	20.1	20.5
Lo Yr	1989	1989	1989	1990		1990	1990	1989	1990	1989	1990	1990
<u>WATER YEAR 90</u>												
Rdg	20.54	20.56	20.86	21.05		20.59	20.46		20.55	19.68	20.05	20.52
Day	31	30	28	31		30	27		1	2	2	28

**T123 R40 S4 QQQ: BDA1**  
Obwell # 61000

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 20.0  
Years of Record: 25

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.0	5.9	5.9	6.4	6.5	5.9	5.2	5.0	4.6	5.1	5.6	5.9
High WL	2.5	1.5	2.7	3.8	3.5	2.5	1.0	1.6	1.5	0.9	1.5	1.2
Hi Yr	1986	1984	1986	1985	1985	1986	1986	1986	1986	1986	1986	1986
Low WL	8.4	8.5	8.6	8.4	8.8	8.0	7.9	7.7	7.5	7.5	7.8	8.2
Lo Yr	1976	1976	1976	1989	1977	1990	1990	1977	1990	1988	1976	1976
<u>WATER YEAR 90</u>												
Rdg	7.51	7.55	7.73	7.97	8.27	7.97	7.92		7.54	6.70	7.04	7.44
Day	31	30	28	31	27	30	30		1	2	29	28

Pope County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T123 R40 S17** QQQ: ACC  
Obwell # 61031

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 226.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.7	8.7	8.4	9.0	8.7	9.0	7.6	8.2	8.8	13.3	11.0	9.4
High WL	5.9	6.2	6.2	7.2	7.0	7.5	6.0	5.8	6.2	6.6	6.0	5.7
Hi Yr	1986	1984	1986	1985	1987	1986	1986	1986	1986	1986	1986	1986
Low WL	10.7	10.5	10.3	10.1	10.3	9.9	9.6	9.8	10.6	20.3	13.4	11.5
Lo Yr	1988	1988	1988	1989	1989	1990	1990	1988	1989	1988	1990	1988
<b>WATER YEAR 90</b>												
Rdg	10.09	9.95	9.93	10.04	10.21	9.85	9.59		9.42	9.20	13.39	10.86
Day	31	30	28	31	27	30	30		1	2	29	28

**T123 R40 S18** QQQ: CCB  
Obwell # 61028

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 9

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.1	4.8	4.5	4.9	4.8	4.2	3.1	3.8	3.2		4.1	4.7
High WL	2.3	3.7	4.5	4.9	4.8	4.2	0.9	2.9	2.4		2.4	4.5
Hi Yr	1986	1983	1982	1983	1983	1983	1986	1984	1984		1984	1983
Low WL	7.0	6.7	4.5	4.9	4.8	4.2	5.8	5.0	4.0		5.4	4.9
Lo Yr	1988	1989	1982	1983	1983	1983	1989	1988	1983		1982	1982
<b>WATER YEAR 90</b>												
Rdg		6.70					4.92					
Day		30					30					

**T123 R40 S22** QQQ: DDC  
Obwell # 61029

Aquifer: QBAAQBA  
Observer: USGS

Depth: 136.0  
Years of Record: 2

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.4	9.1	9.1	9.1	9.2	9.0	8.5	8.1	9.8	21.0	11.4	9.8
High WL	9.4	9.1	9.1	9.1	9.2	9.0	8.3	8.1	8.4	7.9	11.3	9.7
Hi Yr	1989	1989	1989	1990	1990	1990	1989	1989	1990	1990	1989	1990
Low WL	9.4	9.1	9.1	9.1	9.2	9.0	8.7	8.1	11.2	34.0	11.5	9.8
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1989	1989	1989	1990	1989
<b>WATER YEAR 90</b>												
Rdg	9.35	9.13	9.05	9.10	9.22	8.97	8.70		8.44	7.93	11.48	9.73
Day	31	30	28	31	27	30	30		1	2	29	28

**T123 R40 S30** QQQ: DAD1  
Obwell # 61017

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 12

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.2	4.5	4.7	5.4	5.4	4.3	4.0	3.9	3.8	4.5	4.5	4.7
High WL	2.6	2.4	2.5	4.6	3.8	1.8	1.5	2.7	1.9	2.3	2.6	1.8
Hi Yr	1984	1984	1986	1983	1984	1986	1986	1985	1986	1986	1986	1986
Low WL	6.8	6.8	6.9	6.9	7.0	6.2	5.8	5.3	5.7	6.6	6.9	6.8
Lo Yr	1988	1988	1988	1989	1989	1990	1989	1989	1989	1988	1988	1988
<b>WATER YEAR 90</b>												
Rdg	5.88	5.90	6.28	6.38	6.53	6.17	5.65		5.38	4.79	5.80	6.24
Day	31	30	28	31	27	30	30		1	2	29	28

Pope County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T123 R40 S30 QQQ: DAD**  
Obwell # 61030

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 165.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.8	7.4	7.3	7.3	7.4	7.2	6.6	6.2	6.9	12.0	11.1	8.8
High WL	7.9	7.5	7.3	7.3	7.4	7.2	6.5	6.2	6.6	6.3	10.9	8.8
Hi Yr	1989	1989	1989	1990	1990	1990	1989	1989	1990	1990	1989	1989
Low WL	7.9	7.5	7.3	7.3	7.4	7.2	6.8	6.2	7.2	17.6	11.3	8.9
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1989	1989	1989	1990	1990
<u>WATER YEAR 90</u>	<u>Rdg</u>	<u>7.85</u>	<u>7.45</u>	<u>7.29</u>	<u>7.29</u>	<u>7.39</u>	<u>7.16</u>	<u>6.84</u>	<u>6.63</u>	<u>6.27</u>	<u>11.28</u>	<u>8.85</u>
	<u>Day</u>	<u>31</u>	<u>30</u>	<u>28</u>	<u>31</u>	<u>27</u>	<u>30</u>	<u>30</u>	<u>1</u>	<u>2</u>	<u>29</u>	<u>28</u>

**T124 R36 S20 QQQ: DDD1**  
Obwell # 61001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 18.0  
Years of Record: 25

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.0	7.9	7.8	8.3	8.3	8.1	7.4	7.1	7.0	7.4	7.9	8.1
High WL	5.0	5.9	5.2	5.8	5.9	5.9	4.7	5.0	4.3	4.3	5.0	4.1
Hi Yr	1986	1984	1986	1973	1987	1973	1986	1986	1986	1986	1986	1986
Low WL	11.0	11.0	11.1	11.2	11.3	11.0	10.6	9.7	10.1	11.0	11.5	11.0
Lo Yr	1988	1988	1988	1989	1990	1989	1990	1989	1990	1989	1989	1988
<u>WATER YEAR 90</u>	<u>Rdg</u>	<u>10.65</u>	<u>10.80</u>	<u>11.02</u>	<u>11.17</u>	<u>11.32</u>	<u>10.89</u>	<u>10.61</u>	<u>10.13</u>	<u>8.75</u>	<u>9.14</u>	<u>9.94</u>
	<u>Day</u>	<u>31</u>	<u>30</u>	<u>28</u>	<u>31</u>	<u>27</u>	<u>30</u>	<u>27</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>28</u>

**T124 R36 S34 QQQ: BBD**  
Obwell # 61007

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 159.0  
Years of Record: 7

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	22.9						21.5	22.8	21.0			
High WL	17.8						19.2	22.8	21.0			
Hi Yr	1986						1986	1988	1984			
Low WL	25.8						25.0	22.8	21.0			
Lo Yr	1988						1990	1988	1984			
<u>WATER YEAR 90</u>	<u>Rdg</u>	<u>25.51</u>					<u>25.04</u>					
	<u>Day</u>	<u>31</u>					<u>27</u>					

**T124 R36 S36 QQQ: CBBB**  
Obwell # 61037

Aquifer: QBAA  
Observer: SWCD

Depth: 151.0  
Years of Record: 2

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	17.4	16.5	16.4	16.4	16.6	16.1	16.0	15.8	24.2	47.7	45.6	20.4
High WL	17.4	16.5	16.4	16.4	16.6	16.2	15.9	15.8	15.8	15.2	31.4	20.4
Hi Yr	1989	1989	1989	1990	1990	1990	1989	1989	1990	1990	1989	1989
Low WL	17.4	16.5	16.4	16.4	16.6	16.2	16.0	15.8	32.6	80.3	59.9	20.4
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1989	1989	1989	1990	1990
<u>WATER YEAR 90</u>	<u>Rdg</u>	<u>17.35</u>	<u>16.52</u>	<u>16.43</u>	<u>16.43</u>	<u>16.62</u>	<u>16.15</u>	<u>16.01</u>	<u>15.79</u>	<u>15.20</u>	<u>59.85</u>	<u>20.40</u>
	<u>Day</u>	<u>31</u>	<u>30</u>	<u>28</u>	<u>31</u>	<u>27</u>	<u>30</u>	<u>27</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>28</u>

Pope County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T124 R40 S5 QQQ: BCC1**  
Obwell # 61018

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.2	7.1	7.0	7.4	6.9	7.1	5.9	6.1	6.2	7.0	7.6	7.5
High WL	2.7	3.8	2.7	4.0	2.9	2.4	2.3	2.3	2.5	2.4	2.6	2.4
Hi Yr	1986	1984	1986	1985	1987	1986	1986	1985	1986	1986	1986	1986
Low WL	9.3	9.3	9.4	9.5	9.6	9.6	9.5	8.7	9.3	9.5	11.1	10.7
Lo Yr	1981	1989	1989	1990	1990	1990	1990	1983	1990	1988	1990	1990
<u>WATER YEAR 90</u>												
Rdg	9.25	9.30	9.40	9.52	9.64	9.56	9.50		9.30	8.81	11.06	10.70
Day	31	30	28	31	27	30	30		1	2	29	28

**T124 R40 S18 QQQ: DAD1**  
Obwell # 61002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.0  
Years of Record: 25

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.9	8.6	8.6	8.7	8.6	8.5	8.0	8.0	7.9	8.7	9.3	8.6
High WL	4.5	6.0	4.6	6.0	4.6	4.6	4.9	4.7	4.3	3.9	4.2	4.1
Hi Yr	1986	1985	1986	1986	1987	1986	1987	1986	1986	1986	1986	1986
Low WL	11.8	11.2	10.9	10.9	11.0	10.5	10.4	10.9	10.1	12.4	12.2	11.4
Lo Yr	1977	1977	1977	1978	1977	1990	1990	1977	1990	1977	1977	1990
<u>WATER YEAR 90</u>												
Rdg	10.43	10.37	10.51	10.59	10.72	10.47	10.36		10.12	9.79	11.45	11.40
Day	31	30	28	31	27	30	30		1	2	29	28

**T124 R40 S30 QQQ: BCC1**  
Obwell # 61020

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 40.5  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	23.7	23.7	23.4	52.2	23.8	24.1	22.8	22.9	22.7	23.3	23.8	23.9
High WL	18.5	19.8	18.9	20.9	19.9	21.8	20.0	19.0	18.8	18.2	18.1	18.0
Hi Yr	1986	1984	1986	1985	1987	1986	1986	1986	1986	1986	1986	1986
Low WL	25.7	25.7	25.7	251.1	25.9	25.8	25.8	25.3	25.7	25.5	26.5	26.6
Lo Yr	1989	1989	1989	1981	1990	1990	1990	1981	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	25.70	25.72	25.74	25.82	25.88	25.84	25.76		25.71	25.50	26.51	26.56
Day	31	30	28	31	27	30	30		1	2	29	28

**T125 R36 S4 QQQ: ADA1**  
Obwell # 61021

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.8	8.1	7.9	8.5	8.2	8.3	7.4	7.1	7.2	8.0	8.2	8.0
High WL	3.8	5.9	4.5	6.8	5.9	6.5	5.1	4.3	4.5	5.5	3.6	2.7
Hi Yr	1986	1984	1986	1985	1987	1984	1986	1986	1986	1986	1986	1986
Low WL	10.3	10.3	10.4	10.5	10.6	10.0	9.6	9.0	9.6	11.1	10.6	10.5
Lo Yr	1988	1988	1988	1989	1989	1990	1990	1989	1988	1989	1989	1988
<u>WATER YEAR 90</u>												
Rdg	9.80	9.90	9.95	10.07	10.19	9.97	9.56		8.91	7.40	8.32	8.76
Day	31	30	28	31	27	30	27		1	2	2	28

## Pope County

## DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T125 R36 S16 QQQ: BBB1**  
Obwell # **61022**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.8	16.0	15.8	16.4	15.8	16.2	15.6	15.5	15.3	15.6	15.9	16.0
High WL	11.0	13.5	11.4	14.0	11.3	14.3	13.1	12.3	12.0	12.4	11.7	10.8
Hi Yr	1986	1984	1986	1985	1987	1986	1987	1986	1986	1986	1986	1986
Low WL	18.1	18.1	18.2	18.3	18.3	17.9	17.9	17.2	17.3	17.8	18.2	18.1
Lo Yr	1988	1988	1988	1989	1989	1990	1990	1989	1990	1989	1989	1988
<u>WATER YEAR 90</u>												
Rdg	17.77	17.79	17.89	18.02	18.13	17.90	17.90		17.31	16.10	16.07	16.50
Day	31	30	28	31	27	30	27		1	2	2	28

**T125 R37 S2 QQQ: CBD**  
Obwell # **61024**

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	111.0	58.7	111.0	94.4	84.9	106.1	58.0	135.9	52.0	111.5	111.1	94.3
High WL	8.8	9.9	9.1	10.2	9.6	9.3	8.7	8.6	8.8	9.3	8.7	8.1
Hi Yr	1986	1984	1986	1985	1987	1986	1986	1986	1984	1986	1986	1986
Low WL	345.4	345.4	345.5	345.5	345.5	346.5	346.7	346.4	346.2	348.2	345.4	345.5
Lo Yr	1978	1978	1977	1978	1978	1978	1978	1978	1978	1976	1978	1978
<u>WATER YEAR 90</u>												
Rdg	11.67	11.62	11.58	11.49	11.52	11.14	11.02		10.90	10.46	11.06	11.45
Day	31	30	28	31	27	30	27		1	2	2	28

**T125 R37 S2 QQQ: BCC**  
Obwell # **61025**

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	119.8	74.0	119.7	104.2	97.1	112.9	79.0	138.5	69.0	119.8	112.9	97.3
High WL	32.3	33.6	32.8	34.0	33.7	34.3	33.2	32.2	32.3	32.9	32.7	32.4
Hi Yr	1986	1984	1986	1985	1987	1984	1986	1986	1986	1986	1986	1986
Low WL	347.0	347.0	347.1	347.8	347.2	347.7	348.2	348.0	348.0	347.8	348.2	347.2
Lo Yr	1978	1978	1977	1978	1978	1978	1978	1978	1978	1978	1978	1978
<u>WATER YEAR 90</u>												
Rdg	35.86	35.83	35.80	35.79	35.83	35.53	35.30		35.19	34.91	35.02	35.51
Day	31	30	28	31	27	30	27		1	2	2	28

**T125 R37 S14 QQQ: DBB1**  
Obwell # **61003**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 64.3  
Years of Record: 25

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	36.9	36.9	36.7	37.0	36.9	37.0	36.6	36.5	36.6	36.9	37.4	37.0
High WL	34.7	35.4	34.9	35.8	35.1	35.9	35.6	35.0	34.7	35.1	34.9	34.8
Hi Yr	1986	1984	1986	1985	1973	1973	1986	1986	1986	1986	1986	1986
Low WL	38.0	38.0	37.9	37.9	37.9	37.9	37.8	37.5	37.7	39.0	47.3	38.1
Lo Yr	1988	1988	1988	1989	1989	1968	1968	1968	1989	1989	1966	1988
<u>WATER YEAR 90</u>												
Rdg	37.75	37.67	37.69	37.72	37.79	37.59	37.51		37.49	37.28	38.36	37.58
Day	31	30	28	31	27	30	27		1	2	2	28

Pope County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T125 R37 S15** QQQ: **ABB2**  
Obwell # **61012**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 32.7  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.5	25.3	24.6	25.5	25.0	25.1	24.3	24.1	24.3	24.4	24.6	24.7
High WL	21.3	24.3	21.6	24.6	22.4	23.9	22.8	22.1	21.6	21.8	21.8	21.6
Hi Yr	1986	1987	1986	1988	1987	1986	1987	1986	1986	1986	1986	1986
Low WL	26.3	26.3	26.3	26.3	26.4	25.9	25.9	25.4	26.4	25.9	26.1	26.2
Lo Yr	1989	1989	1988	1989	1989	1990	1990	1989	1989	1990	1989	1989
<u>WATER YEAR 90</u>	Rdg	26.28	26.26	26.26	26.30	26.35	25.94	25.94	25.91	25.89	25.83	26.08
	Day	31	30	28	31	27	30	27	6	2	2	28

**T126 R36 S20** QQQ: **BCC1**  
Obwell # **61004**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 17.0  
Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.7	7.7	7.7	8.1	8.2	8.1	7.2	6.9	6.8	7.1	7.4	7.7
High WL	3.9	4.8	4.1	4.5	5.5	5.2	4.9	4.3	4.0	3.8	3.8	2.7
Hi Yr	1986	1972	1986	1973	1987	1973	1969	1986	1972	1972	1986	1986
Low WL	10.1	10.1	10.3	10.4	10.5	10.0	10.0	9.6	9.8	10.3	10.1	10.1
Lo Yr	1977	1988	1988	1989	1989	1990	1990	1977	1990	1988	1988	1988
<u>WATER YEAR 90</u>	Rdg	9.50	9.67	9.81	10.00	10.15	9.98	10.04	9.80	8.72	9.08	9.65
	Day	31	30	28	31	27	30	27	1	2	2	28

**T126 R36 S20** QQQ: **BDD**  
Obwell # **61008**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.9		9.4				8.3	9.2	7.2			
High WL	5.5		9.4				6.2	8.6	7.2			
Hi Yr	1986		1983				1984	1984	1984			
Low WL	11.3		9.4				11.0	9.8	7.2			
Lo Yr	1988		1983				1990	1988	1984			
<u>WATER YEAR 90</u>	Rdg	10.83					10.97					
	Day	31					27					

**T126 R36 S20** QQQ: **ACDB**  
Obwell # **61035**

Aquifer: QBAA  
Observer: SWCD

Depth: 105.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.5	12.6	12.7	12.9	13.1	12.7	12.1	11.6	23.9	23.5	22.0	12.7
High WL	12.5	12.6	12.7	12.9	13.1	12.7	11.7	11.6	12.3	11.6	13.8	12.7
Hi Yr	1989	1989	1989	1990	1990	1990	1989	1989	1990	1990	1989	1989
Low WL	12.5	12.6	12.7	12.9	13.1	12.7	12.6	11.6	35.5	35.3	30.2	12.7
Lo Yr	1989	1989	1990	1990	1990	1990	1990	1989	1989	1989	1990	1990
<u>WATER YEAR 90</u>	Rdg	12.53	12.60	12.70	12.89	13.10	12.73	12.61	12.34	11.63	30.16	12.68
	Day	31	30	28	31	27	30	27	1	2	2	28

Pope County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T126 R37 S28 QQQ: ABC**  
Obwell # 61027Aquifer:  
Observer: SWCDDepth: 0.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	107.5	55.1	107.7	90.0	81.7	60.1	9.4	112.1	54.9	107.6	99.4	81.5
High WL	9.9	10.1	10.0	10.6	7.5	7.4	8.1	9.7	9.5	9.9	9.6	8.5
Hi Yr	1986	1982	1986	1984	1984	1984	1989	1986	1984	1986	1986	1986
Low WL	366.1	365.9	368.5	367.9	367.3	367.6	10.4	367.0	366.9	366.7	366.3	366.3
Lo Yr	1977	1978	1977	1978	1978	1977	1987	1976	1978	1978	1978	1978
<b>WATER YEAR 90</b>	<b>Rdg</b>	<b>10.97</b>	<b>11.20</b>	<b>11.65</b>	<b>11.86</b>	<b>12.00</b>	<b>10.40</b>	<b>10.15</b>	<b>10.44</b>	<b>10.17</b>	<b>10.72</b>	<b>11.21</b>
	<b>Day</b>	<b>31</b>	<b>30</b>	<b>28</b>	<b>31</b>	<b>27</b>	<b>30</b>	<b>27</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>28</b>

**T126 R37 S34 QQQ: DDDD**  
Obwell # 61033Aquifer: QBAA  
Observer: SWCDDepth: 112.0  
Years of Record: 2

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.5	31.4	31.3	31.4	31.6	31.3	31.0	30.7	32.0	40.3	36.9	32.2
High WL	31.5	31.4	31.3	31.4	31.6	31.3	30.9	30.7	31.1	30.8	35.1	32.1
Hi Yr	1989	1989	1989	1990	1990	1990	1989	1989	1990	1990	1989	1990
Low WL	31.5	31.4	31.3	31.4	31.6	31.3	31.1	30.7	33.0	49.8	38.8	32.2
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1989	1989	1989	1990	1989
<b>WATER YEAR 90</b>	<b>Rdg</b>	<b>31.52</b>	<b>31.40</b>	<b>31.31</b>	<b>31.42</b>	<b>31.61</b>	<b>31.31</b>	<b>31.13</b>	<b>31.10</b>	<b>30.77</b>	<b>38.75</b>	<b>32.08</b>
	<b>Day</b>	<b>31</b>	<b>30</b>	<b>28</b>	<b>31</b>	<b>27</b>	<b>30</b>	<b>27</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>28</b>

**T126 R37 S35 QQQ: BCC**  
Obwell # 61026Aquifer:  
Observer: SWCDDepth: 0.0  
Years of Record: 15

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	101.8	9.8	102.0	85.1	77.5	94.1	57.6	122.2	46.6	101.7	94.1	77.3
High WL	7.1	8.2	7.7	9.2	8.6	7.8	6.8	6.5	6.5	7.3	7.2	6.2
Hi Yr	1986	1984	1986	1985	1987	1986	1986	1986	1986	1986	1986	1986
Low WL	348.7	11.3	349.0	348.8	348.6	349.8	350.5	350.3	350.0	349.8	349.1	349.0
Lo Yr	1978	1988	1977	1978	1978	1978	1978	1978	1978	1978	1978	1978
<b>WATER YEAR 90</b>	<b>Rdg</b>	<b>10.47</b>	<b>10.64</b>	<b>10.80</b>	<b>10.93</b>	<b>11.06</b>	<b>10.43</b>	<b>10.26</b>	<b>9.99</b>	<b>9.12</b>	<b>9.57</b>	<b>10.24</b>
	<b>Day</b>	<b>31</b>	<b>30</b>	<b>28</b>	<b>31</b>	<b>27</b>	<b>30</b>	<b>27</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>28</b>

Ramsey County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

T29 R22 S14 QQQ: CAB1  
Obwell # 62009

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 520.0  
Years of Record: 26

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	127.7	129.4	86.4	116.8	126.3	123.8	116.4	130.7	135.5	132.6	122.0	130.9
High WL	124.9	126.0	85.2	85.2	124.6	86.1	85.9	125.5	133.5	127.2	85.3	125.3
Hi Yr	1986	1985	1965	1965	1987	1970	1971	1986	1984	1987	1967	1986
Low WL	129.7	131.1	87.5	131.8	127.9	131.6	140.6	136.1	139.3	139.2	136.2	137.2
Lo Yr	1988	1989	1966	1990	1981	1990	1966	1989	1987	1989	1966	1990
<u>WATER YEAR 90</u>												
Rdg		131.06		131.83		131.60	131.87			135.11		137.24
Day		14		16		13	30			20		21

T29 R22 S14 QQQ: CAB2  
Obwell # 62010

Aquifer: TILLTILL  
Observer: USGS

Depth: 80.0  
Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	37.1	38.3	40.6	38.0	38.4	39.1	38.8	38.7	37.6	39.0	39.2	36.9
High WL	30.8	32.6	37.7	33.2	33.9	34.8	34.7	33.6	31.9	33.6	35.5	31.8
Hi Yr	1986	1985	1970	1985	1987	1985	1985	1984	1986	1983	1987	1986
Low WL	43.2	43.5	43.5	43.8	44.2	45.1	44.9	45.1	45.4	45.0	44.1	43.5
Lo Yr	1967	1967	1967	1968	1968	1967	1968	1968	1968	1968	1967	1967
<u>WATER YEAR 90</u>												
Rdg		38.86		39.78		40.39	40.84			38.88		37.34
Day		14		16		13	30			20		12

T29 R22 S14 QQQ: CAB3  
Obwell # 62011

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 52.0  
Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.8	18.7	19.5	19.4	18.2	19.5	18.6	19.1	16.7	19.7	19.1	17.5
High WL	9.0	11.9	16.5	13.4	13.0	13.8	14.9	13.4	9.8	13.2	15.9	10.5
Hi Yr	1986	1985	1970	1985	1987	1984	1972	1984	1986	1983	1971	1986
Low WL	21.9	22.3	22.5	23.0	23.5	23.9	24.7	25.0	25.4	25.3	23.2	22.6
Lo Yr	1967	1967	1967	1968	1968	1968	1968	1968	1968	1968	1968	1968
<u>WATER YEAR 90</u>												
Rdg		21.98		22.87		23.72	24.19			22.69		20.00
Day		14		16		13	30			20		12

T29 R22 S16 QQQ: ADD1  
Obwell # 62008

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 163.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	69.4	71.6		70.8	66.0	70.6	69.7	70.4	68.3	71.0	69.5	70.8
High WL	66.6	68.7		68.1	66.0	67.9	66.1	67.8	67.3	68.1	68.2	67.0
Hi Yr	1986	1985		1986	1987	1986	1987	1986	1987	1987	1987	1986
Low WL	71.3	73.1		73.3	66.0	73.7	73.8	71.8	70.3	73.5	70.7	73.3
Lo Yr	1988	1989		1990	1987	1990	1990	1989	1984	1990	1988	1990
<u>WATER YEAR 90</u>												
Rdg		73.14		73.32		73.65	73.83			73.45		73.32
Day		14		16		13	30			20		12

## SUMMARY FOR 1990 WATER YEAR

**T29 R22 S24 QQQ: ADA1**  
Obwell # 62001

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 523.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	137.8	137.6	138.5	136.8	137.8	137.0	138.9	140.1	142.3	141.5	141.4	138.9
High WL	132.6	134.7	135.3	134.0	134.9	131.9	133.3	133.8	137.2	136.5	136.6	135.8
Hi Yr	1986	1976	1975	1985	1979	1987	1984	1986	1985	1978	1987	1975
Low WL	141.2	145.4	140.1	140.3	140.6	145.8	141.9	151.0	147.5	148.3	147.7	143.3
Lo Yr	1970	1989	1979	1971	1971	1978	1987	1981	1978	1989	1979	1976
<u>WATER YEAR 90</u>												
Rdg		145.35				139.55						
Day		30				19						

**T29 R22 S31 QQQ: DDD1**  
Obwell # 62003

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 313.0  
Years of Record: 20

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	46.9	41.5	40.3	40.3	41.2	39.9	38.0	47.6	62.0	63.9	69.5	59.1
High WL	34.8	35.6	34.2	32.1	32.8	32.9	30.8	32.9	41.8	50.2	51.5	47.3
Hi Yr	1986	1979	1982	1990	1980	1990	1990	1979	1983	1981	1979	1975
Low WL	55.5	47.3	46.2	49.4	49.3	47.3	45.6	65.1	73.6	77.1	83.0	72.5
Lo Yr	1988	1980	1988	1981	1988	1988	1973	1988	1973	1988	1972	1985
<u>WATER YEAR 90</u>												
Rdg	48.34	37.90	34.84	32.06	33.65	32.88	30.80	33.91	47.88	54.69	53.93	57.56
Day	1	1	1	1	1	1	1	1	1	1	1	1

**T29 R23 S11 QQQ: CCC1**  
Obwell # 62002

Aquifer: OSTPOSTP  
Observer: USGS

Depth: 325.0  
Years of Record: 20

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	108.9	109.2	109.0	108.8	108.6	108.5	109.1	109.0	109.3	109.5	109.8	109.4
High WL	105.0	106.9	108.2	105.9	105.0	104.8	107.9	105.7	105.7	106.3	107.0	106.1
Hi Yr	1986	1985	1973	1988	1987	1987	1974	1986	1987	1986	1987	1986
Low WL	110.4	110.4	109.8	110.7	110.6	110.8	110.8	110.3	110.0	111.1	111.2	111.3
Lo Yr	1983	1982	1975	1984	1990	1984	1990	1984	1977	1990	1975	1990
<u>WATER YEAR 90</u>												
Rdg	110.01			110.38	110.62			110.83			111.09	
Day	31			16	26			30			16	12

**T29 R23 S25 QQQ: CCD1**  
Obwell # 62004

Aquifer: PYHFPYHF  
Observer: USGS

Depth: 1120.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	192.3	191.0	190.0	189.2	185.2	186.5	185.9	185.4	186.1	189.9	191.1	195.0
High WL	165.7	165.1	163.2	163.2	164.4	163.2	163.4	161.2	162.9	166.2	166.3	166.7
Hi Yr	1979	1979	1979	1980	1980	1980	1980	1980	1980	1980	1979	1979
Low WL	224.6	224.9	225.1	222.3	216.1	216.7	215.7	214.0	214.6	215.8	220.3	225.9
Lo Yr	1989	1989	1989	1990	1989	1990	1990	1989	1989	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	224.64	224.85	225.12	222.33		216.65	215.73	213.49	212.76	212.96	211.83	211.46
Day	1	1	1	1		15	1	1	1	1	1	1

## SUMMARY FOR 1990 WATER YEAR

**T29 R23 S35 QQQ: BAD1**  
Obwell # 62034

Aquifer: OSTPOSTP  
Observer: USGS

Depth: 234.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	122.0	122.5		121.7	121.0	120.9	121.0	122.4	124.4	122.1	121.2	122.9
High WL	120.1	122.1		119.8	118.8	119.3	119.6	118.9	120.3	120.5	121.1	120.6
Hi Yr	1987	1984		1989	1987	1987	1990	1988	1986	1990	1988	1986
Low WL	128.4	123.0		125.8	122.9	125.3	122.1	133.0	130.7	130.1	121.3	131.6
Lo Yr	1981	1982		1982	1984	1982	1984	1981	1981	1981	1987	1981
<u>WATER YEAR 90</u>												
Rdg	120.49			119.92	120.15		119.64			120.46		120.83
Day	31			3	26		30			16		12

**T30 R22 S23 QQQ: CBB1**  
Obwell # 62033

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 96.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.6	21.5		22.5	18.5	21.9	23.2	22.3	21.8	22.2	24.4	22.8
High WL	17.5	18.7		19.3	18.5	19.5	20.7	18.5	21.1	18.2	21.9	18.4
Hi Yr	1986	1985		1986	1987	1986	1980	1986	1980	1986	1980	1986
Low WL	27.6	25.6		27.7	18.5	28.1	25.7	28.1	22.5	28.0	27.6	27.9
Lo Yr	1989	1988		1990	1987	1990	1989	1990	1987	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	27.62			27.71		28.07		28.08		27.98		27.71
Day	31			16		13		15		26		21

**T30 R23 S35 QQQ: BDC1**  
Obwell # 62030

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 536.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	136.6	135.8	135.7	135.6	135.7	135.1	134.9	135.1	136.2	138.6	139.1	137.8
High WL	131.2	130.3	130.5	129.8	130.3	129.9	131.2	130.4	132.4	132.5	133.2	132.8
Hi Yr	1986	1986	1986	1987	1987	1987	1988	1986	1985	1986	1986	1986
Low WL	142.1	142.3	141.1	141.0	142.1	141.1	141.5	139.0	138.3	143.2	144.7	143.6
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	142.13	142.25	141.11	141.03	142.09	141.07	141.48	139.01	138.31	139.85	139.94	140.77
Day	1	1	1	1	1	1	1	1	1	1	1	1

Redwood County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T109 R36 S21 QQQ: DCC1**  
Obwell # 64007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.4	10.1	10.2	9.9	11.0	10.2	9.2	9.7	9.7	10.4	11.0	10.4
High WL	5.5	7.4	7.8	9.7	10.4	6.8	4.7	6.9	6.5	7.4	8.2	4.5
Hi Yr	1986	1979	1982	1980	1980	1986	1979	1986	1980	1985	1979	1979
Low WL	12.5	12.5	12.5	10.3	11.5	12.5	12.5	11.5	12.5	12.5	12.5	12.5
Lo Yr	1989	1989	1989	1978	1981	1990	1990	1989	1989	1989	1989	1989
<u>WATER YEAR 90</u>							12.47	12.45	11.10	9.68	11.89	11.87
Rdg	12.50	12.50	12.50				23	25	31	22	20	22
Day	19	22	19									

**T109 R37 S9 QQQ: CCC1**  
Obwell # 64009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 18.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.7	14.6	14.4	14.5	14.0	12.0	12.5	13.4	13.1	14.4	15.0	15.5
High WL	10.4	12.8	11.4	13.9	8.4	8.4	8.4	10.7	7.5	11.3	12.5	11.4
Hi Yr	1986	1979	1982	1978	1983	1983	1983	1984	1982	1985	1979	1985
Low WL	17.0	16.4	16.4	15.5	16.1	15.2	15.7	16.2	16.2	16.5	16.9	16.9
Lo Yr	1978	1989	1989	1981	1979	1990	1990	1981	1989	1989	1989	1978
<u>WATER YEAR 90</u>							15.20	15.66	14.16	11.66	14.85	13.94
Rdg	16.73	16.35	16.40				23	25	31	22	20	21
Day	19	22	19									

**T109 R38 S30 QQQ: BBD1**  
Obwell # 64000

Aquifer: KRETKRET  
Observer: USGS

Depth: 240.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.5	25.7	25.4	25.6	25.3	25.4	25.2	25.4	25.4	25.6	25.4	25.9
High WL	25.1	25.0	24.9	24.8	24.8	24.7	24.2	24.7	24.8	24.9	25.0	25.0
Hi Yr	1979	1979	1977	1978	1978	1978	1984	1978	1978	1979	1979	1979
Low WL	26.4	26.6	26.3	26.4	26.3	26.4	26.1	26.3	25.9	26.5	26.3	26.8
Lo Yr	1988	1984	1988	1985	1989	1985	1990	1985	1988	1985	1987	1984
<u>WATER YEAR 90</u>												
Rdg	26.30			26.28				26.14		25.89		
Day	29			17				12		7		4

**T110 R38 S20 QQQ: CCD1**  
Obwell # 64008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 18.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.7	7.2	7.2	6.8	7.8	7.1	5.9	6.1	6.6	6.4	7.1	7.9
High WL	5.1	4.1	3.4	6.4	7.3	3.3	2.6	2.7	3.7	4.5	4.9	5.3
Hi Yr	1986	1979	1982	1980	1980	1986	1979	1987	1980	1986	1986	1986
Low WL	11.7	12.5	12.5	7.4	8.8	9.5	10.1	10.5	11.5	7.8	9.7	10.3
Lo Yr	1988	1988	1988	1981	1979	1988	1990	1990	1981	1980	1990	1981
<u>WATER YEAR 90</u>												
Rdg	8.70	8.45	8.30				8.20	10.10	10.50	7.25	7.30	9.70
Day	19	22	19				23	25	31	22	20	21

Redwood County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T110 R39 S17 QQQ: AAA1**  
Obwell # 64010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.9	8.0	7.7	6.8	7.4	6.0	5.8	6.9	6.9	7.5	8.2	8.4
High WL	5.4	5.1	4.4	5.8	5.6	2.5	3.1	4.1	4.9	5.6	4.8	4.7
Hi Yr	1986	1979	1982	1983	1983	1979	1983	1983	1983	1979	1979	1979
Low WL	9.9	10.0	9.7	8.4	8.5	8.8	9.4	8.8	9.3	9.5	9.9	10.2
Lo Yr	1989	1989	1989	1981	1979	1990	1990	1980	1989	1989	1988	1988
<u>WATER YEAR 90</u>												
Rdg	9.93	10.04	9.70			8.80	9.38	7.18	5.58	7.78	8.59	9.00
Day	19	22	19			23	25	31	22	20	22	21

**T112 R37 S21 QQQ: CCC1**  
Obwell # 64013

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.3	12.2	12.4	11.8	12.5	12.3	11.1	10.8	11.0	11.8	12.3	12.4
High WL	9.6	9.7	10.0	9.6	11.3	9.3	7.4	8.0	7.4	9.9	10.3	10.1
Hi Yr	1985	1985	1982	1983	1983	1983	1983	1983	1984	1984	1986	1985
Low WL	14.4	14.5	14.7	13.4	13.9	14.2	14.3	12.9	13.6	13.6	14.1	14.5
Lo Yr	1989	1989	1988	1981	1978	1990	1990	1989	1989	1988	1988	1987
<u>WATER YEAR 90</u>												
Rdg	14.40	14.52	14.52			14.24	14.28	12.60	12.05	12.62	13.00	13.45
Day	19	22	19			23	25	31	22	20	23	21

**T112 R39 S22 QQQ: BBB1**  
Obwell # 64011

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.5  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.3	6.9	6.7	6.2	6.0	4.6	4.4	5.2	5.3	6.4	6.8	7.1
High WL	4.3	6.0	4.4	4.9	4.0	1.0	0.9	3.1	-0.3	5.9	4.6	5.1
Hi Yr	1986	1986	1982	1984	1983	1979	1979	1986	1984	1990	1979	1979
Low WL	71.6	7.8	7.7	7.4	7.5	7.1	7.2	7.4	7.3	7.1	7.9	8.1
Lo Yr	1981	1989	1989	1981	1979	1981	1981	1981	1981	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	7.67	7.82	7.70			6.18	6.78	5.56	3.38	5.86	6.70	7.41
Day	19	22	19			23	25	31	22	20	23	21

Rice County

DNR Region 5

## SUMMARY FOR 1990 WATER YEAR

**T110 R20 S19 QQQ: BDC1**  
Obwell # 66015

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 400.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.8	8.3	7.8	8.3	8.7	7.7	8.5	8.0	8.9	8.7	9.3	8.6
High WL	7.0	6.6	6.4	6.6	6.6	6.4	7.8	6.0	8.4	6.5	8.7	7.0
Hi Yr	1984	1983	1986	1984	1987	1987	1980	1984	1980	1984	1979	1983
Low WL	8.3	10.0	9.4	10.1	10.8	9.0	9.2	10.7	9.3	10.9	9.9	10.5
Lo Yr	1987	1989	1988	1990	1990	1981	1989	1990	1979	1981	1989	1989
<b>WATER YEAR 90</b>												
Rdg		10.02		10.06	10.80			10.74		9.99		9.91
Day		7		9	27			2		18		25

**T111 R20 S11 QQQ: CDC1**  
Obwell # 66016

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 158.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.7	25.2	23.6	24.9	23.8	24.2	24.3	23.8		23.9	25.1	24.6
High WL	23.3	23.5	22.1	23.0	22.6	22.0	24.3	21.7		22.0	25.1	22.7
Hi Yr	1984	1983	1986	1985	1984	1986	1989	1986		1986	1989	1986
Low WL	26.2	26.8	25.1	27.2	25.9	27.2	24.3	26.5		26.8	25.1	26.3
Lo Yr	1980	1981	1988	1982	1990	1982	1989	1981		1981	1989	1981
<b>WATER YEAR 90</b>												
Rdg		25.80		25.86	25.89			25.02		24.07		26.25
Day		1		9	27			2		18		25

**T112 R21 S31 QQQ: CBB1**  
Obwell # 66017

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 276.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	139.6	140.2	138.3	139.8	137.2	139.5	137.4	139.4	139.3	139.3	140.5	139.4
High WL	138.4	138.6	137.2	138.2	137.2	138.2	137.4	138.2	137.7	137.9	140.2	136.1
Hi Yr	1984	1985	1986	1988	1987	1985	1987	1985	1987	1986	1989	1987
Low WL	141.8	141.3	139.5	141.5	137.2	140.7	137.4	141.6	140.9	141.6	140.9	141.3
Lo Yr	1981	1980	1988	1982	1987	1990	1987	1981	1980	1981	1980	1981
<b>WATER YEAR 90</b>												
Rdg		140.22				140.71				140.53		140.52
Day		15				2				19		19

Rock County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T102 R45 S35**   QQQ: **DDC1**  
Obwell # 67000

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.5  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.1	6.3	5.9	5.4	5.1	4.9	3.8	4.6	5.4	5.6	6.2	6.4
High WL	3.3	4.5	4.3	4.3	4.4	2.2	0.9	1.9	3.8	3.7	3.6	4.1
Hi Yr	1986	1986	1979	1983	1983	1983	1984	1983	1984	1984	1979	1985
Low WL	7.4	7.4	7.3	6.2	6.6	6.5	6.3	6.9	7.0	7.3	7.4	7.5
Lo Yr	1989	1989	1989	1982	1981	1981	1989	1981	1981	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	7.43	7.40	7.30							7.25	7.37	7.53
Day	10	9	12							9	8	6

**T102 R46 S14**   QQQ: **AAA1**  
Obwell # 67001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.5  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.6	7.9	7.8	7.9	7.7	7.2	5.7	6.8	6.7	6.8	7.5	8.3
High WL	3.3	3.4	4.6	6.6	6.6	5.4	2.5	4.9	5.4	4.5	3.6	5.8
Hi Yr	1982	1982	1982	1980	1983	1982	1986	1986	1984	1984	1979	1979
Low WL	9.6	9.3	9.3	9.0	8.8	8.8	8.6	10.0	8.7	8.5	8.7	10.7
Lo Yr	1989	1989	1989	1982	1982	1981	1981	1978	1981	1981	1988	1990
<u>WATER YEAR 90</u>												
Rdg	9.63	9.27	9.34							7.59	8.00	10.70
Day	10	9	12							9	8	6

**T102 R47 S35**   QQQ: **AADD**  
Obwell # 67004

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 177.5  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	49.6	49.3	49.1			48.2	48.3	48.8	49.5	50.4	50.7	50.6
High WL	47.7	47.6	47.0			46.5	46.5	46.9	47.6	47.4	47.9	48.0
Hi Yr	1987	1987	1986			1987	1987	1987	1987	1987	1987	1987
Low WL	51.5	51.7	51.4			49.6	49.6	50.3	50.8	52.0	52.0	51.9
Lo Yr	1989	1989	1989			1989	1989	1989	1989	1990	1990	1990
<u>WATER YEAR 90</u>										52.00	52.02	51.94
Rdg	51.54	51.67	51.40							9	8	6
Day	10	9	12									

**T104 R44 S21**   QQQ: **CDC1**  
Obwell # 67003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.8  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.3	7.5	7.4	7.4	7.3	6.4	6.1	6.6	7.4	7.1	7.4	8.4
High WL	4.9	5.3	6.2	6.8	6.8	4.7	4.2	5.1	6.1	5.4	5.8	6.7
Hi Yr	1986	1986	1979	1980	1984	1983	1984	1986	1984	1984	1979	1979
Low WL	8.3	9.6	9.0	7.6	7.6	7.6	7.6	7.8	10.0	8.2	8.2	17.1
Lo Yr	1988	1989	1989	1982	1982	1979	1981	1981	1979	1990	1988	1985
<u>WATER YEAR 90</u>												
Rdg	7.06	9.56	8.99							8.18	8.14	8.05
Day	10	9	12							9	8	6

Scott County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T113 R24 S4 QQQ: BBA**  
Obwell # 70020Aquifer:  
Observer: SWCDDepth: 325.0  
Years of Record: 7

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	31.7						32.6		37.5			
High WL	29.4						28.8		37.5			
Hi Yr	1985						1985		1987			
Low WL	34.1						37.2		37.5			
Lo Yr	1989						1988		1987			
<b>WATER YEAR 90</b>												
Rdg	34.06						34.24					
Day	12						16					

**T113 R24 S6 QQQ: BCB1**  
Obwell # 70001Aquifer: QBAAQBA  
Observer: USGSDepth: 245.0  
Years of Record: 18

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	123.7	121.6	122.5	121.6	122.4	120.8	118.8	123.0	121.4	121.5	121.9	121.1
High WL	118.9	118.0	117.6	118.6	118.4	117.2	117.0	117.4	118.9	118.3	118.1	117.8
Hi Yr	1984	1985	1986	1985	1987	1985	1984	1985	1987	1985	1979	1986
Low WL	134.6	133.7	136.1	135.9	137.3	130.5	120.2	137.2	126.2	144.0	128.4	136.5
Lo Yr	1983	1983	1981	1981	1981	1981	1976	1981	1982	1981	1983	1981
<b>WATER YEAR 90</b>												
Rdg	121.37			121.36	121.86			121.00		120.06		120.26
Day	8			10	28			16		19		19

**T113 R24 S28 QQQ: DAA1**  
Obwell # 70016Aquifer: CMTSCMTS  
Observer: USGSDepth: 655.0  
Years of Record: 10

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	221.5	133.5	133.0	148.1	133.6	133.1	177.6	145.8	135.0	133.7	179.4	151.5
High WL	221.5	132.1	133.0	132.1	133.6	132.0	133.8	131.7	134.0	131.8	137.1	132.0
Hi Yr	1981	1983	1986	1983	1987	1983	1987	1984	1987	1984	1989	1983
Low WL	221.5	136.5	133.0	221.3	133.6	136.3	221.4	221.2	136.0	136.5	221.7	222.0
Lo Yr	1981	1989	1988	1982	1987	1990	1982	1982	1985	1985	1981	1982
<b>WATER YEAR 90</b>												
Rdg	136.47			136.26		136.32		135.51		135.70		135.56
Day	15			11		2		16		19		19

**T113 R25 S2 QQQ: CAC1**  
Obwell # 70015Aquifer: CFRNCIGL  
Observer: USGSDepth: 323.0  
Years of Record: 12

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	9.2	9.2	10.5	8.9		7.9	8.5	7.8	8.8	7.9	9.6	9.2
High WL	8.4	7.9	10.5	8.3		6.5	7.9	5.6	8.1	5.9	9.2	7.5
Hi Yr	1979	1985	1988	1983		1983	1987	1986	1980	1984	1981	1986
Low WL	9.8	10.6	10.5	10.4		10.2	9.7	10.3	9.9	10.0	10.3	10.9
Lo Yr	1980	1989	1988	1981		1981	1989	1990	1989	1988	1989	1989
<b>WATER YEAR 90</b>												
Rdg	10.57						10.33					9.74
Day	8						23					19

Scott County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T114 R21 S20 QQQ: BAA1**  
Obwell # 70007

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 98.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	37.5	38.6	37.2	37.9	34.0	37.8	36.8	37.6	37.7	37.6	40.1	38.0
High WL	35.1	35.3	34.2	35.2	34.0	35.1	34.2	35.2	35.4	34.9	39.9	34.6
Hi Yr	1987	1985	1986	1988	1987	1985	1987	1985	1987	1986	1980	1986
Low WL	39.7	40.1	39.6	40.1	34.0	39.6	39.5	40.0	40.0	40.7	40.3	40.4
Lo Yr	1981	1979	1979	1982	1987	1981	1980	1981	1980	1981	1989	1979
<u>WATER YEAR 90</u>												
Rdg		39.53		39.09		39.44		39.53		39.79		39.99
Day		15		11		2		16		19		19

**T114 R22 S35 QQQ: DCC1**  
Obwell # 70008

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 235.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	87.0	87.8	86.3	87.1	83.4	87.2	86.5	86.8	86.7	86.0	88.5	86.7
High WL	84.3	84.3	83.3	83.9	83.4	84.1	83.4	84.0	83.5	83.7	87.6	83.4
Hi Yr	1984	1985	1986	1985	1987	1985	1987	1985	1987	1986	1989	1986
Low WL	89.9	90.0	89.6	90.0	83.4	89.8	89.6	89.8	89.9	89.9	89.4	90.3
Lo Yr	1981	1979	1979	1982	1987	1982	1980	1981	1980	1981	1980	1979
<u>WATER YEAR 90</u>												
Rdg		87.52		87.68		87.82		88.03		88.50		87.92
Day		15		11		2		16		19		19

**T115 R21 S9 QQQ: CCC1**  
Obwell # 70002

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 846.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	34.8	44.1	45.3	40.8	39.9	39.6	32.1	40.0	34.0	49.1	32.3	53.6
High WL	28.7	30.8	25.2	23.7	23.8	23.5	21.4	25.8	22.2	28.6	19.0	30.9
Hi Yr	1979	1976	1979	1980	1980	1977	1977	1979	1977	1978	1979	1979
Low WL	40.8	67.5	74.2	68.3	69.6	68.1	59.3	62.8	72.3	80.7	38.7	78.3
Lo Yr	1974	1987	1986	1989	1990	1989	1987	1990	1987	1988	1974	1988
<u>WATER YEAR 90</u>					69.59			62.77		69.09		77.92
Rdg					28			3		19		19
Day												

**T115 R22 S5 QQQ: BAC**  
Obwell # 70018

Aquifer: SWCD  
Observer: SWCD

Depth: 0.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	29.1	29.3	30.3	28.6	30.7	29.7	29.4	29.0	29.5	28.5	29.1	29.5
High WL	26.2	27.4	28.5	28.6	29.5	25.4	25.4	22.7	26.3	26.6	26.5	27.6
Hi Yr	1986	1986	1985	1985	1987	1985	1985	1986	1986	1986	1984	1986
Low WL	31.4	31.1	34.0	28.6	31.8	32.2	32.7	33.3	31.3	31.6	31.6	31.5
Lo Yr	1987	1988	1988	1985	1990	1988	1988	1990	1987	1988	1988	1988
<u>WATER YEAR 90</u>	31.03	31.10	31.13		31.84	31.08	31.41	33.26	29.64	27.16	29.46	30.92
Rdg	16	17	15		15	19	16	17	14	16	16	17
Day												

Scott County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T115 R23 S16 QQQ: CCD**  
Obwell # 70019

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 68.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.0	8.1	8.8	5.4	11.3	8.5	8.4	8.8	9.0	7.9	7.9	8.3
High WL	3.8	3.3	5.5	5.4	11.3	4.3	3.2	5.5	6.0	2.8	2.8	3.4
Hi Yr	1984	1984	1985	1985	1990	1985	1985	1985	1985	1984	1984	1984
Low WL	11.0	11.1	11.1	5.4	11.3	10.9	11.3	11.1	11.0	11.1	11.2	11.2
Lo Yr	1989	1989	1989	1985	1990	1990	1990	1989	1989	1989	1989	1988
<b>WATER YEAR 90</b>												
Rdg	10.98	11.06	11.08		11.30	10.85	11.30	11.06	10.18	9.08	9.62	10.10
Day	16	17	15		15	19	16	17	14	16	16	17

**T115 R23 S28 QQQ: BDD1**  
Obwell # 70021

Aquifer: CJDNCJDN  
Observer: SWCD

Depth: 140.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	40.8	38.2	36.8	38.3	40.6	36.8	38.5	38.9	32.7	38.7	42.3	38.2
High WL	39.3	30.7	36.8	27.1	38.1	25.8	38.5	29.9	32.7	33.8	42.3	31.8
Hi Yr	1987	1984	1986	1985	1987	1985	1987	1985	1985	1985	1989	1988
Low WL	42.2	42.3	36.8	43.0	43.2	42.3	38.5	43.1	32.7	42.2	42.3	42.4
Lo Yr	1989	1989	1986	1990	1990	1989	1987	1990	1985	1990	1989	1989
<b>WATER YEAR 90</b>												
Rdg	42.20	42.28		42.95	43.20			43.10		42.20		41.33
Day	4	3		11	28			3		19		19

**T115 R23 S28 QQQ: BDD2**  
Obwell # 70022

Aquifer: CIGLCIGL  
Observer: SWCD

Depth: 350.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	30.5	30.0	24.8	23.2	23.6	23.0	25.3	28.9	31.5	33.1	34.1	31.5
High WL	28.4	27.6	23.0	20.8	21.2	21.2	21.1	25.2	29.0	27.1	30.2	28.8
Hi Yr	1987	1985	1986	1987	1987	1987	1987	1986	1987	1986	1987	1986
Low WL	31.6	33.6	26.4	25.6	26.6	24.5	27.0	31.8	33.5	44.0	37.4	36.6
Lo Yr	1989	1989	1989	1985	1989	1985	1989	1988	1989	1988	1988	1989
<b>WATER YEAR 90</b>												
Rdg	31.62	33.58	26.43	24.71	24.30	24.17	26.47	30.67	31.87	29.27	31.98	32.52
Day	29	1	1	1	1	1	1	1	1	1	1	1

**T115 R23 S28 QQQ: BDD3**  
Obwell # 70023

Aquifer: CMTSCMITS  
Observer: SWCD

Depth: 520.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	46.2	42.4	40.5	38.7	39.9	39.6	40.7	40.7	44.2	47.2	49.3	48.2
High WL	40.1	35.1	37.1	34.4	37.1	33.9	36.2	35.6	41.1	42.5	43.5	41.7
Hi Yr	1986	1984	1985	1985	1987	1985	1987	1986	1985	1985	1986	1986
Low WL	51.8	51.5	46.0	44.4	44.6	46.1	46.0	45.1	46.5	53.0	55.1	53.3
Lo Yr	1989	1989	1988	1989	1989	1990	1990	1989	1988	1988	1988	1989
<b>WATER YEAR 90</b>												
Rdg	51.78	51.52				46.06	46.02	44.93		47.52	47.44	49.96
Day	1	1				1	1	1		25	1	1

## SUMMARY FOR 1990 WATER YEAR

T33 R27 S21 QQQ: CCA1  
Obwell # 71000

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.6	11.5	11.7	11.6	11.6	12.2	11.7	11.6	11.3	11.4	11.9	11.7
High WL	7.6	7.9	8.2	8.3	8.6	8.8	8.2	7.3	7.5	8.1	8.0	8.3
Hi Yr	1986	1985	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Low WL	16.2	16.2	16.4	16.1	13.8	16.9	16.5	16.4	15.9	16.1	16.8	16.4
Lo Yr	1989	1989	1989	1989	1977	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	16.16	16.22	16.38			16.87	16.54	16.41	15.93	13.87	13.40	13.11
Day	5	2	1			2	3	8	6	5	7	5

T33 R27 S21 QQQ: CCA2  
Obwell # 71001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 52.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.8	11.5	11.6	11.9	11.9	12.3	11.8	11.7	11.4	11.5	12.0	11.8
High WL	7.7	7.9	8.2	8.3	8.7	8.9	8.3	7.5	7.6	7.9	8.0	8.3
Hi Yr	1986	1985	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Low WL	16.2	16.3	16.4	16.7	16.8	16.9	16.6	16.5	16.0	16.2	16.8	16.5
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	16.19	16.27	16.41	16.66	16.82	16.89	16.57	16.45	15.95	14.25	13.44	13.14
Day	5	2	1	15	8	2	3	8	6	5	7	5

T33 R27 S21 QQQ: CCA5  
Obwell # 71019

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 35.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.9	11.3	11.0	11.5	11.8	11.9	11.2	11.0	11.0	18.4	18.2	16.3
High WL	11.0	10.3	10.4	10.6	10.9	11.1	10.7	10.5	10.7	10.6	11.1	11.1
Hi Yr	1978	1979	1979	1980	1980	1980	1979	1979	1979	1978	1978	1978
Low WL	12.9	12.5	11.8	12.4	12.5	12.8	12.2	11.4	11.5	26.3	25.4	24.7
Lo Yr	1977	1977	1977	1978	1978	1978	1978	1978	1978	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg									26.27	25.35	24.67	
Day									5	7	5	

T33 R27 S21 QQQ: CCC1  
Obwell # 71020

Aquifer: CMTSCMSH  
Observer: SWCD

Depth: 250.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.7	12.3	13.4	13.1	13.5	13.3	13.8	12.6	15.3	14.3	16.5	13.1
High WL	9.5	9.4	10.7	12.3	13.1	11.2	10.6	9.9	11.2	12.2	11.2	10.2
Hi Yr	1985	1985	1984	1980	1980	1985	1985	1985	1984	1983	1985	1985
Low WL	17.7	15.0	14.8	14.0	14.2	14.9	18.1	14.3	28.4	16.4	22.2	15.8
Lo Yr	1989	1982	1981	1981	1981	1978	1990	1982	1979	1982	1982	1982
<u>WATER YEAR 90</u>												
Rdg	17.71						18.10					
Day	5						3					

Sherburne County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T33 R27 S29 QQQ: CDC1**  
Obwell # 71005

Aquifer: CMTSCMSH  
Observer: SWCD

Depth: 218.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.6	10.9	11.6	11.8	13.4	12.2	12.6	11.3	10.7	13.6	17.0	12.3
High WL	8.1	7.9	9.7	10.3	11.2	10.1	9.5	8.4	8.7	10.0	11.6	9.3
Hi Yr	1985	1985	1984	1980	1980	1986	1985	1985	1985	1978	1985	1985
Low WL	18.0	13.6	14.0	12.5	17.5	14.5	17.2	14.1	12.7	18.0	21.0	14.6
Lo Yr	1988	1976	1976	1981	1977	1982	1990	1977	1981	1982	1982	1986
<b>WATER YEAR 90</b>												
Rdg	17.37							17.22				
Day	5							3				

**T33 R28 S16 QQQ: DDD2**  
Obwell # 71017

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 51.0  
Years of Record: 14

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.9	31.2	31.1	29.1	30.3	31.8	31.4	31.8	31.7	31.7	32.8	32.6
High WL	27.1	25.9	26.0	26.5	27.2	28.2	27.7	28.1	27.1	26.5	27.0	27.7
Hi Yr	1985	1986	1986	1987	1987	1986	1979	1986	1986	1986	1986	1986
Low WL	36.9	36.4	36.3	32.0	33.1	36.4	36.1	36.1	35.9	36.7	38.3	37.5
Lo Yr	1989	1989	1988	1978	1978	1989	1990	1990	1990	1988	1989	1989
<b>WATER YEAR 90</b>												
Rdg	36.87	36.44	36.20				36.32	36.05	36.10	35.91	34.51	34.91
Day	5	2	1				2	3	8	6	5	5

**T34 R27 S10 QQQ: DDD2**  
Obwell # 71009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 35.0  
Years of Record: 15

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.1	24.7	24.8	24.6	25.3	25.3	25.1	25.2	25.1	25.3	25.0	24.9
High WL	21.5	21.4	21.1	22.2	23.0	22.2	22.9	22.9	22.8	22.6	21.8	21.7
Hi Yr	1985	1985	1985	1987	1986	1986	1986	1986	1986	1986	1985	1985
Low WL	28.4	26.8	26.5	26.7	26.6	27.4	27.5	27.5	27.4	27.5	27.2	27.0
Lo Yr	1976	1989	1988	1989	1977	1990	1990	1990	1990	1984	1977	1977
<b>WATER YEAR 90</b>												
Rdg	26.70	26.80	25.91				27.37	27.46	27.49	27.38	26.27	25.35
Day	5	2	1				2	3	8	6	5	5

**T34 R27 S18 QQQ: AAB1**  
Obwell # 71023

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 115.0  
Years of Record: 12

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.8	11.8	12.1	12.8	13.4	11.8	12.1	11.1	11.4	11.1	11.7	11.7
High WL	8.8	10.8	10.5	12.3	13.4	9.3	10.1	9.2	9.6	8.9	9.8	9.9
Hi Yr	1986	1984	1984	1980	1981	1986	1985	1985	1985	1984	1984	1986
Low WL	13.8	12.6	13.0	13.3	13.4	13.7	14.3	13.0	12.7	12.6	13.2	13.5
Lo Yr	1989	1980	1981	1981	1981	1981	1990	1981	1981	1982	1982	1982
<b>WATER YEAR 90</b>												
Rdg	13.77							14.26				
Day	5							3				

Sherburne County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T34 R28 S4 QQQ: ADA2**  
Obwell # 71010Aquifer: QWTAQWTA  
Observer: SWCDDepth: 13.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.4	5.9	6.2	6.3	6.5	6.9	5.9	5.2	5.1	5.4	6.1	6.2
High WL	3.9	4.0	4.8	5.4	5.6	5.0	3.5	2.9	2.8	3.6	4.2	2.9
Hi Yr	1985	1985	1985	1978	1986	1984	1979	1986	1979	1984	1990	1990
Low WL	8.8	8.9	8.8	8.8	8.8	8.9	8.1	7.2	7.3	8.1	8.5	8.7
Lo Yr	1988	1988	1988	1989	1977	1989	1990	1988	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	8.11	8.25	8.36			8.75	8.09	7.07	5.64	4.31	4.19	2.92
Day	5	2	1			2	3	8	6	5	7	5

**T34 R28 S31 QQQ: BDD2**  
Obwell # 71011Aquifer: QWTAQWTA  
Observer: SWCDDepth: 27.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	20.0	20.2	18.9	20.1	20.4	21.0	20.8	20.6	20.4	20.1	20.2	20.1
High WL	17.2	17.3	2.0	18.3	18.7	19.0	18.5	18.1	17.4	17.2	17.5	17.9
Hi Yr	1985	1985	1980	1986	1986	1984	1984	1986	1986	1983	1983	1984
Low WL	23.3	23.5	23.7	23.5	22.5	24.1	24.0	24.1	23.7	23.2	23.3	23.2
Lo Yr	1989	1989	1989	1989	1977	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	23.32	23.53	23.69			24.14	23.95	24.07	23.72	21.78	20.91	19.04
Day	3	2	1			2	3	8	6	5	7	5

**T34 R28 S36 QQQ: CCC2**  
Obwell # 71012Aquifer: QWTAQWTA  
Observer: SWCDDepth: 21.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.1	12.2	12.3	12.5	12.6	12.3	11.4	11.4	11.6	11.7	12.4	12.2
High WL	10.2	10.8	11.1	11.8	11.7	11.1	10.5	10.0	10.6	10.4	10.6	10.0
Hi Yr	1986	1984	1982	1986	1984	1984	1982	1986	1979	1990	1990	1990
Low WL	13.8	16.1	13.8	13.1	14.1	13.3	12.4	12.4	12.8	13.6	14.0	14.0
Lo Yr	1988	1976	1976	1989	1977	1990	1981	1987	1977	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	12.89	12.71	12.62	12.99	13.19	13.26	12.40	11.85	11.10	10.40	10.58	10.03
Day	5	2	1	15	8	2	3	8	6	5	7	5

**T34 R29 S21 QQQ: ABB2**  
Obwell # 71006Aquifer: QWTAQWTA  
Observer: SWCDDepth: 36.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.8	21.2	21.2	20.8	21.6	21.6	21.3	21.1	20.8	21.2	21.5	21.4
High WL	16.4	16.5	16.7	16.9	17.2	17.4	17.5	16.5	16.6	17.2	17.1	17.2
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	28.2	25.8	26.0	24.6	24.5	26.4	26.2	26.2	25.9	25.7	26.7	26.1
Lo Yr	1976	1989	1989	1989	1977	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	25.85	25.84	25.95			26.42	26.17	26.20	25.90	23.77	24.46	22.89
Day	3	2	1			2	3	8	6	5	7	5

Sherburne County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T34 R29 S21 QQQ: ABB3**  
Obwell # 71021

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 111.5  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.3	21.1	21.2	20.8	21.0	21.5	21.3	21.1	21.7	21.4	22.1	21.8
High WL	16.7	16.8	17.0	17.2	17.5	17.6	17.9	16.8	16.9	17.5	17.7	17.7
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1986	1986	1986	1986	1986
Low WL	26.1	26.1	26.1	24.9	23.4	26.6	26.4	26.5	28.9	26.3	26.7	26.3
Lo Yr	1989	1989	1989	1989	1978	1990	1990	1990	1983	1989	1989	1989
<u>WATER YEAR 90</u>						26.62	26.41	26.45	26.12	24.09	24.76	23.08
Rdg	26.06	26.06	26.14			2	3	8	6	5	7	5
Day	5	2	1									

**T34 R30 S11 QQQ: ACD2**  
Obwell # 71013

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.7	16.3	16.6	15.6	16.9	16.9	16.5	16.3	16.4	16.4	16.6	16.6
High WL	11.0	11.4	11.3	11.6	12.0	12.2	12.4	11.5	11.6	11.8	11.5	11.3
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1986	1986	1986	1986	1986
Low WL	20.7	20.8	20.9	20.6	19.9	21.5	20.8	20.6	20.0	19.9	20.7	20.6
Lo Yr	1989	1989	1989	1978	1977	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>						21.52	20.77	20.56	20.04	19.70	18.99	17.67
Rdg	20.65	20.79	20.88			2	3	8	6	5	7	5
Day	3	2	1									

**T34 R30 S12 QQQ: ADA**  
Obwell # 71025

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 125.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.4	13.2	13.4	10.2	11.5	14.1	13.9	13.8	15.2	17.1	16.5	14.3
High WL	8.6	9.0	9.5	9.8	10.3	10.6	10.8	9.3	11.0	13.7	10.5	9.9
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1984	1984	1986	1986
Low WL	18.6	18.4	18.5	10.6	12.6	19.2	19.0	19.1	19.1	23.2	22.2	19.4
Lo Yr	1989	1989	1989	1986	1984	1990	1990	1990	1988	1989	1988	1989
<u>WATER YEAR 90</u>						19.24	18.96	19.05	18.41	17.52	17.34	14.57
Rdg	18.56	18.42	18.53			2	3	8	6	5	7	5
Day	3	2	1									

**T34 R30 S13 QQQ: ACB**  
Obwell # 71026

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 116.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.0	13.7	13.9	10.3	11.5	14.6	14.2	14.0	14.5	15.5	16.0	14.9
High WL	8.5	8.9	9.4	9.7	10.2	10.5	10.8	9.6	9.8	11.0	11.0	10.0
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1986	1984	1984	1986
Low WL	19.7	19.5	19.6	10.9	12.9	20.4	20.2	20.2	19.5	21.2	22.2	20.6
Lo Yr	1989	1988	1989	1986	1984	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>						20.40	20.15	20.23	19.45	18.07	18.01	15.41
Rdg	19.65	19.50	19.62			2	3	8	6	5	7	5
Day	3	2	1									

## SUMMARY FOR 1990 WATER YEAR

T34 R30 S18 QQQ: ACB  
Obwell # 71024

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 72.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	17.6	17.3	17.5	14.0	15.1	18.1	17.7	17.5	17.9	18.3	19.0	18.5
High WL	12.4	12.8	13.2	13.5	13.9	14.1	14.1	13.2	13.4	13.8	13.8	13.7
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1986	1984	1986	1986
Low WL	23.3	23.1	23.3	14.4	16.4	24.2	24.0	24.0	23.5	24.0	26.0	25.1
Lo Yr	1988	1988	1989	1986	1984	1990	1990	1990	1990	1989	1989	1989
WATER YEAR 90						24.18	24.02	23.99	23.49	19.88	20.67	19.06
Rdg	23.24	23.04	23.26			2	3	8	6	5	7	5
Day	3	2	1									

T35 R26 S15 QQQ: DBB1  
Obwell # 71002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 56.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.8	6.5	6.7	6.8	7.0	7.1	6.3	6.0	5.9	6.2	6.7	6.7
High WL	3.7	4.3	5.0	5.3	5.6	4.5	4.0	3.9	3.6	3.9	3.4	4.1
Hi Yr	1985	1985	1986	1986	1986	1976	1986	1985	1986	1984	1972	1990
Low WL	9.1	9.3	9.0	9.4	8.7	9.9	9.0	8.3	8.2	9.0	9.2	9.0
Lo Yr	1988	1988	1988	1989	1981	1990	1990	1990	1988	1988	1988	1976
WATER YEAR 90						9.85	9.00	8.29	6.56	5.47	5.30	4.05
Rdg	8.49	8.61	9.01			2	3	8	6	5	7	5
Day	5	2	1									

T35 R26 S15 QQQ: DBB2  
Obwell # 71003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 15.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.6	6.3	6.4	6.6	6.9	7.0	6.1	5.6	5.7	6.0	6.5	6.5
High WL	3.4	4.1	3.2	4.7	5.2	4.2	3.8	2.6	3.4	3.6	3.4	3.8
Hi Yr	1985	1985	1984	1973	1979	1976	1986	1986	1986	1984	1972	1990
Low WL	8.9	9.1	8.8	9.2	8.6	9.7	8.8	8.1	7.9	8.7	9.0	8.8
Lo Yr	1988	1988	1988	1989	1975	1990	1990	1990	1988	1988	1988	1976
WATER YEAR 90						9.66	8.76	8.05	6.32	5.23	5.11	3.82
Rdg	8.29	8.37	8.78			2	3	8	6	5	7	5
Day	5	2	1									

T35 R27 S7 QQQ: CCA2  
Obwell # 71018

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.1	5.0	5.0	4.8	5.5	5.4	4.1	4.3	4.4	4.8	5.4	4.9
High WL	2.8	3.2	3.2	3.1	3.1	3.0	2.2	2.5	3.2	3.1	3.5	2.7
Hi Yr	1985	1982	1985	1986	1986	1986	1986	1983	1985	1990	1990	1990
Low WL	7.8	7.8	6.9	6.5	6.8	8.2	5.2	6.6	5.6	7.8	8.7	7.9
Lo Yr	1988	1988	1988	1981	1981	1990	1988	1977	1988	1988	1977	1988
WATER YEAR 90						8.16	3.65	3.32	3.46	3.06	3.51	2.66
Rdg	5.66	6.00	6.16			2	3	8	6	5	7	5
Day	5	2	1									

Sherburne County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T35 R27 S14 QQQ: DCD1**  
Obwell # 71014

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.2	15.9	16.1	15.7	16.7	16.3	16.0	15.6	15.7	15.8	16.0	15.9
High WL	14.1	14.4	14.6	14.8	14.9	15.1	14.8	13.8	14.0	13.6	14.4	13.8
Hi Yr	1986	1986	1986	1987	1987	1987	1985	1986	1986	1984	1984	1990
Low WL	18.2	17.2	18.3	16.8	18.5	18.1	18.0	17.7	17.9	18.1	18.4	18.0
Lo Yr	1976	1977	1976	1978	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	16.29	16.33	16.44			16.81	16.44	16.21	15.86	15.00	15.22	13.82
Day	5	2	1			2	3	8	6	5	7	5

**T35 R29 S28 QQQ: ABC1**  
Obwell # 71004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 31.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	19.7	19.6	19.6	20.0	20.3	20.5	20.2	20.1	19.9	19.6	19.1	19.4
High WL	14.1	14.2	15.0	17.8	18.6	18.2	18.4	17.5	17.1	16.0	16.4	16.6
Hi Yr	1985	1985	1985	1986	1987	1986	1986	1986	1986	1984	1985	1990
Low WL	23.3	23.3	23.4	23.4	22.0	23.3	22.3	22.2	22.4	22.7	23.1	23.2
Lo Yr	1988	1988	1988	1989	1975	1989	1989	1988	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	21.89	21.80	21.89			22.31	21.90	21.85	21.36	18.47	17.56	16.60
Day	3	2	1			2	3	8	6	5	7	5

**T35 R30 S10 QQQ: CCB1**  
Obwell # 71016

Aquifer: TILLTILL  
Observer: SWCD

Depth: 32.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.2	11.8	12.5	12.1	13.0	13.0	11.8	11.1	11.5	11.6	12.5	12.5
High WL	8.9	9.8	9.8	11.3	10.9	9.7	9.4	8.8	9.4	9.6	9.8	10.3
Hi Yr	1986	1983	1982	1978	1984	1983	1984	1986	1979	1978	1986	1986
Low WL	15.4	15.5	15.2	12.8	15.6	15.6	14.2	13.7	14.0	15.1	15.5	15.4
Lo Yr	1988	1988	1976	1981	1977	1990	1990	1990	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	14.49	14.73	14.85			15.59	14.24	13.69	10.91	9.69	10.65	10.58
Day	3	2	1			2	3	8	6	5	7	5

St. Louis County

DNR Region 2

## SUMMARY FOR 1990 WATER YEAR

**T57 R16 S3 QQQ: ADD**  
Obwell # **69051**

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 136.0  
Years of Record: 7

<b>MONTHLY WATER LEVEL SUMMARY</b>												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.7					8.2	8.1					
High WL	6.2					8.2	5.6					
Hi Yr	1986					1984	1984					
Low WL	8.6					8.2	9.1					
Lo Yr	1988					1984	1990					
<u>WATER YEAR 90</u>												
Rdg	8.19						9.11					
Day	17						13					

**T57 R20 S5 QQQ: DAD1**  
Obwell # **69000**

Aquifer: PXBIPXB  
Observer: USGS

Depth: 430.0  
Years of Record: 36

<b>MONTHLY WATER LEVEL SUMMARY</b>												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	59.6	59.8	59.2	58.9	59.8	59.7	60.2	59.9	60.2	60.0	59.4	59.3
High WL	46.5	44.7	46.6	44.6	44.5	44.5	47.2	44.7	47.5	44.2	45.7	44.2
Hi Yr	1988	1989	1988	1990	1990	1990	1988	1990	1988	1990	1989	1990
Low WL	68.1	68.6	68.8	68.9	68.8	68.8	68.9	68.9	68.3	67.9	67.6	67.5
Lo Yr	1964	1964	1964	1965	1965	1965	1965	1965	1965	1965	1965	1964
<u>WATER YEAR 90</u>												
Rdg	44.74			44.58	44.46	44.53		44.67		44.24		44.17
Day	21			5	9	21		3		27		4

**T58 R18 S12 QQQ: CCC1**  
Obwell # **69009**

Aquifer: QBAAQBA  
Observer: USGS

Depth: 97.0  
Years of Record: 37

<b>MONTHLY WATER LEVEL SUMMARY</b>												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.4	14.0	13.9	14.4	14.8	14.8	14.2	13.3	13.4	13.5	13.3	13.3
High WL	11.8	11.9	11.8	12.9	13.4	13.0	12.2	11.7	12.0	12.4	11.6	11.9
Hi Yr	1982	1982	1983	1983	1956	1983	1982	1956	1956	1979	1955	1986
Low WL	15.4	17.1	15.9	16.3	16.7	17.0	17.2	15.8	15.6	14.9	15.0	15.6
Lo Yr	1962	1979	1962	1963	1963	1963	1964	1964	1964	1964	1961	1961
<u>WATER YEAR 90</u>												
Rdg	13.17	13.45		14.04	14.41	13.18		12.43	12.71	13.02		13.65
Day	13	21		5	8	21		3	21	26		4

**T58 R18 S14 QQQ: DAA1**  
Obwell # **69015**

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 144.0  
Years of Record: 8

<b>MONTHLY WATER LEVEL SUMMARY</b>												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.8	6.8	7.0	6.7	7.0	7.5	6.6	6.5	6.6	6.6	6.8	6.6
High WL	6.2	6.3	6.5	6.7	7.0	6.8	5.9	6.1	6.2	6.0	6.0	5.7
Hi Yr	1986	1986	1983	1984	1984	1990	1989	1989	1990	1987	1989	1986
Low WL	7.5	7.2	7.4	6.7	7.0	8.3	7.2	7.6	7.5	7.9	8.2	7.1
Lo Yr	1985	1987	1987	1984	1984	1988	1985	1986	1988	1988	1988	1990
<u>WATER YEAR 90</u>												
Rdg	6.60	6.80	7.07			6.81	6.82	6.17	6.21	6.11	6.83	7.08
Day	17	22	18			16	17	18	19	18	20	18

St. Louis County

DNR Region 2

## SUMMARY FOR 1990 WATER YEAR

**T58 R20 S16 QQQ: DBC1**  
**Obwell # 69001**

Aquifer: QBAAQBA  
 Observer: USGS

Depth: 40.0  
 Years of Record: 38

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.6	7.8	8.5	9.8	11.4	11.2	8.4	5.8	5.6	6.9	7.5	8.1
High WL	1.4	1.4	2.8	3.7	3.8	3.3	1.2	1.0	1.0	1.6	1.2	2.1
Hi Yr	1982	1982	1986	1990	1990	1990	1985	1986	1984	1989	1982	1980
Low WL	13.4	13.2	13.2	13.6	14.5	15.0	15.1	13.3	11.5	11.0	14.0	13.0
Lo Yr	1956	1956	1956	1957	1957	1957	1957	1977	1958	1961	1970	1961
<u>WATER YEAR 90</u>												
Rdg		3.11		3.72	3.81	3.27		1.82	1.47	2.72		4.08
Day		21		5	9	21		3	21	27		4

**T60 R13 S1 QQQ: BBA1**  
**Obwell # 69020**

Aquifer: QWTAQWTA  
 Observer: USGS

Depth: 30.0  
 Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.3	21.6	21.2	21.6	22.0	22.5	22.6	22.5	22.4	21.9	21.8	21.5
High WL	20.2	20.1	20.1	20.4	20.8	21.0	21.0	21.1	20.9	20.3	20.5	19.8
Hi Yr	1986	1986	1986	1983	1987	1987	1983	1983	1984	1989	1989	1989
Low WL	23.0	23.5	22.6	24.3	23.4	24.9	25.4	26.0	26.0	25.7	24.3	24.7
Lo Yr	1976	1976	1977	1977	1976	1977	1977	1977	1977	1977	1988	1977
<u>WATER YEAR 90</u>												
Rdg		20.46	20.83	21.25	21.67	22.29	22.46	22.42	21.88	21.21	20.92	20.92
Day		3	5	2	1	5	3	3	1	2	1	4

**T61 R18 S4 QQQ: BBA**  
**Obwell # 69050**

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 47.0  
 Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.7	6.7	6.9	5.7	6.3	7.3	7.1	6.2	6.1	6.1	6.8	6.8
High WL	4.9	5.3	5.8	5.7	6.3	6.1	5.4	4.6	4.0	4.9	6.0	5.6
Hi Yr	1986	1986	1986	1984	1984	1984	1984	1986	1984	1984	1984	1986
Low WL	7.4	7.8	8.1	5.7	6.3	8.4	8.6	8.3	8.6	9.0	7.5	7.9
Lo Yr	1987	1987	1987	1984	1984	1990	1988	1988	1988	1988	1988	1990
<u>WATER YEAR 90</u>												
Rdg		7.35	7.66	7.96		8.39	8.37	7.24	6.55	5.97	7.03	7.92
Day		23	27	27		16	16	18	19	18	17	18

**T63 R12 S26 QQQ: ABB1**  
**Obwell # 69002**

Aquifer: QWTAQWTA  
 Observer: USGS

Depth: 9.0  
 Years of Record: 21

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.5	3.9	4.2	4.7	4.9	4.4	2.5	2.9	3.1	3.9	4.4	4.2
High WL	1.8	2.2	2.9	3.4	3.6	3.1	1.7	1.5	1.8	2.8	2.4	2.7
Hi Yr	1970	1977	1988	1989	1984	1987	1982	1986	1974	1990	1977	1988
Low WL	6.1	6.5	6.6	6.8	5.8	5.6	3.6	4.1	4.2	5.5	5.7	6.9
Lo Yr	1984	1976	1976	1977	1985	1985	1975	1977	1977	1988	1976	1976
<u>WATER YEAR 90</u>												
Rdg		3.77	4.98		5.25	4.63	2.05		2.85	2.79	4.98	
Day		2	26		7	14	25		11	18	29	

Stearns County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T121 R29 S1 QQQ: ABBC**  
Obwell # 73033

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 29.0  
Years of Record: 4

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.3	12.6	12.8			13.1	13.2	13.2	13.3	12.1	12.4	12.4
High WL	9.7	9.9	10.0			10.4	10.6	10.8	11.3	8.9	9.2	9.4
Hi Yr	1987	1987	1987			1988	1988	1988	1988	1987	1987	1987
Low WL	14.6	14.8	15.1			15.2	15.4	15.4	14.7	14.0	14.2	14.3
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1989
<u>WATER YEAR 90</u>						15.22	15.43	15.35	14.71	14.00	13.83	13.51
Rdg	14.56	14.76	15.06			29	27	16	20	24	20	25
Day	19	27	29									

**T121 R29 S1 QQQ: ABBC**  
Obwell # 73034

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 19.0  
Years of Record: 4

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.5	12.6	12.7			12.3	12.7	12.8	12.8	12.2	12.4	12.9
High WL	9.9	9.9	9.9			9.9	10.2	10.4	11.4	9.3	9.5	9.7
Hi Yr	1987	1987	1987			1988	1988	1988	1988	1987	1987	1987
Low WL	14.5	14.7	14.9			14.7	15.0	14.9	13.6	13.9	14.0	14.8
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1990	1989	1990
<u>WATER YEAR 90</u>						14.71	14.97	14.85	13.55	13.86	13.59	14.75
Rdg	14.54	14.66	14.90			29	27	16	20	24	20	25
Day	19	27	29									

**T121 R29 S1 QQQ: BCAA**  
Obwell # 73036

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 38.0  
Years of Record: 4

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	30.3	30.6	30.8			30.7	30.9	31.1	30.8	29.6	30.0	30.2
High WL	27.5	27.8	28.0			28.4	28.7	28.9	29.5	26.4	27.0	27.2
Hi Yr	1987	1987	1987			1988	1988	1988	1988	1987	1987	1987
Low WL	32.4	32.8	32.9			32.8	33.1	33.2	31.4	31.8	32.3	32.4
Lo Yr	1989	1989	1989			1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>						32.78	33.10	33.21	31.40	30.40	30.35	30.40
Rdg	32.40	32.75	32.92			29	27	16	20	24	20	25
Day	19	27	29									

**T122 R28 S7 QQQ: ABA2**  
Obwell # 73002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.0  
Years of Record: 15

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.5	13.6	13.7	13.5	13.7	13.9	13.5	13.4	13.2	13.5	13.7	13.7
High WL	10.7	11.2	11.4	11.7	11.6	11.9	11.1	11.0	10.6	10.9	11.3	10.9
Hi Yr	1986	1986	1983	1984	1984	1984	1986	1986	1984	1983	1986	1985
Low WL	17.1	16.8	17.4	14.7	15.1	17.3	17.4	17.2	16.0	16.7	17.1	17.0
Lo Yr	1989	1989	1989	1982	1977	1990	1990	1990	1989	1989	1989	1976
<u>WATER YEAR 90</u>						17.31	17.37	17.16	15.28	15.10	14.85	14.57
Rdg	17.07	16.77	17.36			29	27	16	20	24	20	26
Day	19	27	29									

Stearns County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T122 R28 S30 QQQ: BCC2**  
Obwell # 73003Aquifer: QWTAQWTA  
Observer: SWCDDepth: 41.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.9	31.6	31.9	32.2	32.1	32.3	32.0	32.1	31.9	32.2	32.0	32.4
High WL	25.9	26.4	26.9	28.1	28.3	28.1	27.5	27.4	26.6	27.6	27.5	27.4
Hi Yr	1986	1986	1986	1984	1984	1987	1984	1984	1984	1986	1984	1986
Low WL	36.8	36.9	37.1	34.1	34.2	37.4	37.5	37.5	36.7	36.1	36.7	37.4
Lo Yr	1989	1989	1989	1982	1982	1990	1990	1990	1990	1989	1989	1976
<u>WATER YEAR 90</u>						37.40	37.49	37.52	36.70	35.53	35.67	34.90
Rdg	36.84	36.88	37.11			29	27	16	20	24	20	25
Day	19	27	29									

**T122 R29 S23 QQQ: CAA2**  
Obwell # 73019Aquifer: QWTAQWTA  
Observer: SWCDDepth: 37.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	27.4	27.4	26.8	28.1	28.3	28.1	27.6	27.9	27.4	28.2	28.0	27.9
High WL	22.5	22.8	23.2	24.7	24.7	24.4	24.0	23.6	23.0	23.7	23.8	23.5
Hi Yr	1986	1986	1986	1984	1984	1987	1984	1986	1984	1986	1986	1986
Low WL	32.2	32.4	30.3	30.0	30.6	32.4	32.3	32.5	32.8	32.4	32.3	32.0
Lo Yr	1988	1988	1977	1978	1982	1989	1989	1989	1989	1990	1990	1990
<u>WATER YEAR 90</u>										32.37	32.28	31.97
Rdg										24	20	25
Day												

**T122 R29 S25 QQQ: DBD**  
Obwell # 73022Aquifer: QBAA  
Observer: SWCDDepth: 165.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.8					23.0						
High WL	10.8					19.4						
Hi Yr	1984					1986						
Low WL	28.2					28.7						
Lo Yr	1989					1990						
<u>WATER YEAR 90</u>							28.74					
Rdg	28.18					27						
Day	19											

**T122 R29 S36 QQQ: CBCB**  
Obwell # 73028Aquifer: QWTAQWTA  
Observer: SWCDDepth: 24.5  
Years of Record: 4

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.3	9.7	12.6			10.1	10.2	10.4	11.1	9.8	11.0	11.4
High WL	10.5	7.1	12.6			7.5	7.6	7.9	10.9	6.4	10.1	10.9
Hi Yr	1988	1987	1989			1988	1988	1988	1990	1987	1988	1990
Low WL	12.2	12.4	12.6			12.7	12.7	12.6	11.2	11.7	12.1	12.0
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>	12.18	12.37	12.60			12.66	12.67	12.60	10.90	11.27	10.91	10.92
Rdg	19	27	29			29	27	16	20	24	28	25
Day												

## SUMMARY FOR 1990 WATER YEAR

**T122 R29 S36 QQQ: CBCB**  
Obwell # 73029

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 17.5  
Years of Record: 4

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.6	11.0	13.9			11.4	11.5	11.7	12.4	11.1	12.3	12.8
High WL	11.8	8.4	13.9			8.8	8.9	9.2	12.3	7.6	11.5	12.2
Hi Yr	1988	1987	1989			1988	1988	1988	1990	1987	1988	1990
Low WL	13.4	13.7	13.9			14.0	14.0	13.9	12.5	13.0	13.3	13.3
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>						13.97	13.98	13.92	12.26	12.58	12.21	12.23
Rdg	13.41	13.67	13.92			29	27	16	20	24	26	25
Day	19	27	29									

**T122 R29 S36 QQQ: ADCB**  
Obwell # 73032

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.5  
Years of Record: 4

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.0	11.2	11.4			12.0	12.0	12.1	11.5	11.1	11.3	11.6
High WL	9.1	9.2	9.3			9.5	9.7	9.9	10.7	8.2	8.6	8.9
Hi Yr	1987	1987	1987			1988	1988	1988	1988	1987	1987	1987
Low WL	12.4	12.5	12.7			14.2	14.1	13.9	12.7	12.9	13.3	13.4
Lo Yr	1988	1988	1988			1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>						14.18	14.11	13.94	11.18	11.94	11.39	12.03
Rdg	11.67	11.92	12.15			29	27	16	20	24	20	25
Day	19	27	29									

**T123 R28 S12 QQQ: BAB2**  
Obwell # 73004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	16.0	16.3	16.3	16.3	16.6	16.7	16.7	16.3	16.1	16.3	16.3	16.1
High WL	12.1	12.5	12.9	13.6	13.8	13.9	13.4	13.0	12.4	12.8	12.8	12.7
Hi Yr	1986	1986	1986	1984	1984	1984	1984	1984	1984	1986	1986	1986
Low WL	19.6	19.7	19.9	18.1	18.9	20.2	20.3	20.3	19.2	19.0	19.6	19.5
Lo Yr	1989	1989	1989	1982	1977	1990	1990	1990	1977	1977	1989	1989
<u>WATER YEAR 90</u>						20.20	20.31	20.25	19.15	17.88	18.05	16.84
Rdg	19.56	19.72	19.91			29	27	16	20	24	20	25
Day	19	27	29									

**T123 R28 S30 QQQ: ABA2**  
Obwell # 73005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.1	12.3	12.5	12.2	12.7	12.8	12.2	12.1	11.9	12.2	12.3	12.3
High WL	10.4	10.6	10.9	11.1	10.9	11.1	10.3	10.3	10.2	10.2	10.9	10.2
Hi Yr	1986	1983	1983	1984	1984	1984	1986	1986	1984	1983	1986	1985
Low WL	14.5	14.5	14.6	12.9	14.5	14.2	14.1	13.7	13.8	14.1	14.3	14.4
Lo Yr	1988	1988	1988	1982	1977	1990	1990	1990	1988	1988	1988	1988
<u>WATER YEAR 90</u>						14.21	14.10	13.68	11.81	11.80	11.49	11.66
Rdg	14.10	14.22	14.38			28	25	22	21	25	23	26
Day	19	29	28									

Stearns County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T123 R29 S7 QQQ: DBC2**  
Obwell # 73006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.3	9.6	9.8	9.7	10.0	9.8	9.0	9.2	8.9	9.4	9.7	9.7
High WL	7.0	6.7	6.7	7.7	8.6	8.8	7.2	6.7	6.5	6.5	7.8	6.2
Hi Yr	1977	1977	1977	1978	1984	1985	1979	1978	1979	1978	1978	1977
Low WL	11.9	11.8	11.9	10.9	11.0	11.0	11.3	11.0	10.9	11.3	11.8	12.7
Lo Yr	1989	1989	1989	1982	1982	1990	1990	1977	1988	1988	1989	1976
<u>WATER YEAR 90</u>												
Rdg	11.90	11.79	11.92			11.04	11.26	10.68	9.07	9.85	10.46	10.91
Day	19	29	28			28	25	22	21	25	23	26

**T123 R29 S27 QQQ: CCC2**  
Obwell # 73020

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.9	12.1	12.1	11.8	11.9	11.9	11.5	11.7	11.7	12.1	12.3	12.1
High WL	10.9	11.2	11.3	11.6	11.3	11.3	10.6	10.8	10.6	10.8	11.4	10.6
Hi Yr	1983	1983	1977	1984	1984	1983	1986	1986	1983	1983	1986	1985
Low WL	13.9	13.8	13.7	12.2	12.3	12.9	12.8	12.4	13.4	13.7	13.8	14.0
Lo Yr	1988	1988	1988	1981	1985	1990	1990	1989	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	13.60	13.57	13.68			12.94	12.79	12.35	10.95	11.91	11.60	11.99
Day	19	29	28			28	25	22	21	25	23	26

**T123 R30 S12 QQQ: ADD**  
Obwell # 73025

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.5	7.7	7.8			7.4	6.9	7.1	7.2	7.7	7.4	7.1
High WL	5.0	5.5	5.9			6.3	4.4	4.9	5.9	5.1	4.9	2.0
Hi Yr	1986	1986	1986			1987	1986	1986	1986	1986	1986	1986
Low WL	9.8	9.7	9.8			8.7	9.1	8.5	8.3	9.5	9.5	9.7
Lo Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	9.77	9.71	9.81			8.70	9.12	8.54	6.41	7.96	8.43	8.80
Day	19	29	28			28	25	22	21	25	23	26

**T123 R30 S18 QQQ: BCC2**  
Obwell # 73007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.3	7.3	7.4	7.2	7.3	7.1	7.0	7.0	6.9	7.3	7.7	7.5
High WL	5.4	5.8	6.0	6.4	6.0	6.0	5.3	5.2	5.1	5.1	5.3	5.2
Hi Yr	1986	1986	1983	1984	1984	1979	1986	1986	1984	1986	1986	1986
Low WL	10.0	9.9	9.9	7.9	8.1	9.1	9.1	8.5	9.2	9.8	10.2	10.1
Lo Yr	1988	1988	1989	1981	1977	1990	1990	1990	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	9.85	9.69	9.86			9.13	9.12	8.54	7.52	7.76	8.35	8.41
Day	19	29	28			28	25	22	21	25	23	26

## SUMMARY FOR 1990 WATER YEAR

**T123 R32 S33 QQQ: AAD2**  
Obwell # 73008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.2	8.1	8.8	8.6	9.0	9.7	8.8	8.7	7.8	8.4	8.5	8.5
High WL	2.9	4.3	5.3	5.9	5.9	5.7	4.5	2.6	2.1	2.4	2.8	2.1
Hi Yr	1986	1986	1983	1984	1984	1984	1984	1986	1984	1986	1986	1986
Low WL	13.3	13.2	13.6	11.1	11.4	13.7	13.8	13.9	13.4	13.1	13.1	13.2
Lo Yr	1989	1989	1989	1981	1981	1990	1990	1990	1990	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	13.30	13.18	13.60			13.72	13.81	13.85	13.42	13.13	12.79	12.41
Day	19	29	28			28	24	22	21	25	23	26

**T123 R34 S4 QQQ: ABDC**  
Obwell # 73045

Aquifer: QBAA  
Observer: SWCD

Depth: 167.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	0.6	-0.2	-0.4			-0.2		-0.3	0.6	18.0	11.1	2.0
High WL	0.6	-0.2	-0.4			-0.2		-0.4	-0.8	12.8	10.1	1.6
Hi Yr	1989	1989	1989			1990		1990	1990	1989	1990	1990
Low WL	0.6	-0.2	-0.4			-0.2		-0.2	2.0	23.1	12.0	2.3
Lo Yr	1989	1989	1989			1990		1989	1989	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	0.64	-0.24	-0.37			-0.24		-0.36	-0.77	12.79	11.96	1.58
Day	19	30	29			22		3	22	25	24	21

**T123 R34 S4 QQQ: ABDC**  
Obwell # 73046

Aquifer: QWTA  
Observer: SWCD

Depth: 6.1  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave						6.2		5.3	5.3	5.8	6.1	6.2
High WL						6.2		5.1	4.6	5.8	6.1	6.2
Hi Yr						1990		1989	1990	1990	1990	1990
Low WL						6.2		5.5	6.1	5.8	6.1	6.2
Lo Yr						1990		1990	1989	1990	1990	1990
<u>WATER YEAR 90</u>						6.16		5.48	4.60	5.78	6.09	6.20
Rdg						22		3	22	25	24	21

**T123 R35 S2 QQQ: ADAA**  
Obwell # 73037

Aquifer: QBAA  
Observer: SWCD

Depth: 118.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.7	10.1	10.3			10.2		10.1	10.5	57.0	19.2	11.4
High WL	10.7	10.2	10.3			10.2		9.9	9.2	53.7	17.6	11.2
Hi Yr	1989	1989	1989			1990		1990	1990	1990	1989	1990
Low WL	10.7	10.2	10.3			10.2		10.3	11.7	60.4	20.7	11.7
Lo Yr	1989	1989	1989			1990		1989	1989	1990	1990	1989
<u>WATER YEAR 90</u>						10.16		9.85	9.23	53.71	20.70	11.19
Rdg	10.67	10.15	10.33			22		3	22	25	24	21
Day	18	30	29									

Stearns County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T123 R35 S2 QQQ: ADAA**  
Obwell # 73038

Aquifer: QWTA  
Observer: SWCD

Depth: 12.7  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.0	8.1	8.4			8.4		8.3	7.9	8.4	8.4	7.7
High WL	8.0	8.1	8.4			8.4		7.9	7.1	7.4	7.7	7.6
Hi Yr	1989	1989	1989			1990		1990	1990	1990	1990	1990
Low WL	8.0	8.1	8.4			8.4		8.7	8.8	9.4	9.2	7.7
Lo Yr	1989	1989	1989			1990		1989	1989	1989	1989	1989
<u>WATER YEAR 90</u>	Rdg	7.96	8.12	8.42		8.40		7.92	7.09	7.44	7.67	7.64
	Day	18	30	29		22		3	22	25	24	21

**T123 R35 S2 QQQ: AADD**  
Obwell # 73039

Aquifer: QBAA  
Observer: SWCD

Depth: 170.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.9	9.3	9.5			9.4		9.3	9.8	54.8	18.6	10.9
High WL	9.9	9.3	9.5			9.4		9.1	8.5	51.3	17.7	10.6
Hi Yr	1989	1989	1989			1990		1990	1990	1989	1990	1990
Low WL	9.9	9.3	9.5			9.4		9.5	11.2	58.4	19.5	11.1
Lo Yr	1989	1989	1989			1990		1989	1989	1990	1990	1989
<u>WATER YEAR 90</u>	Rdg	9.93	9.34	9.50		9.43		9.14	8.53	51.34	19.45	10.64
	Day	18	30	29		22		3	22	25	24	21

**T123 R35 S7 QQQ: CABB**  
Obwell # 73041

Aquifer: QBAA  
Observer: SWCD

Depth: 153.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	32.9	31.7	31.8			31.5		31.3	31.9	59.3	44.0	34.9
High WL	32.9	31.7	31.8			31.5		31.2	30.8	53.9	42.2	34.8
Hi Yr	1989	1989	1989			1990		1990	1990	1989	1989	1989
Low WL	32.9	31.7	31.8			31.5		31.3	33.1	64.7	45.9	35.1
Lo Yr	1989	1989	1989			1990		1989	1989	1990	1990	1990
<u>WATER YEAR 90</u>	Rdg	32.92	31.71	31.80		31.45		31.24	30.81	53.87	45.92	35.10
	Day	18	30	29		22		3	22	25	24	21

**T123 R35 S7 QQQ: CABB**  
Obwell # 73042

Aquifer: QWTA  
Observer: SWCD

Depth: 33.5  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	28.2	28.0	28.0			28.1		28.0	28.0	28.4	29.0	28.4
High WL	28.2	28.0	28.0			28.1		28.0	27.9	27.9	27.9	27.9
Hi Yr	1989	1989	1989			1990		1989	1989	1990	1990	1990
Low WL	28.2	28.0	28.0			28.1		28.1	28.0	28.9	30.0	28.8
Lo Yr	1989	1989	1989			1990		1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>	Rdg	28.23	27.98	27.98		28.12		28.05	28.00	27.90	27.91	27.91
	Day	18	30	29		22		3	22	25	24	21

Stearns County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T123 R35 S17 QQQ: ADC1**  
Obwell # 73026

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.2  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.1	16.3	16.3			16.1	15.8	16.0	16.2	16.2	16.4	16.1
High WL	14.5	14.9	15.3			15.7	14.9	14.6	14.8	14.0	14.4	14.5
Hi Yr	1986	1986	1986			1986	1986	1986	1986	1986	1986	1986
Low WL	17.4	17.4	17.3			16.5	16.5	16.7	17.1	17.3	17.5	17.5
Lo Yr	1988	1988	1988			1989	1988	1988	1988	1988	1988	1988
<u>WATER YEAR 90</u>						16.44		16.43	16.36	16.48	16.52	16.40
Rdg	16.44	16.63	16.65			22		3	22	25	24	21
Day	18	30	29									

**T123 R35 S33 QQQ: CCCC**  
Obwell # 73043

Aquifer: QBAA  
Observer: SWCD

Depth: 170.0  
Years of Record: 2

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.5	8.2	8.3			8.2		7.5	7.6	8.4	8.8	8.1
High WL	8.5	8.2	8.3			8.2		7.3	7.4	7.9	8.2	7.6
Hi Yr	1989	1989	1989			1990		1989	1990	1990	1990	1990
Low WL	8.5	8.2	8.3			8.2		7.8	7.7	9.0	9.4	8.6
Lo Yr	1989	1989	1989			1990		1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>						8.17		7.80	7.37	7.88	8.19	7.60
Rdg	8.49	8.17	8.28			22		3	22	25	24	21
Day	18	30	29									

**T123 R35 S33 QQQ: CCCC**  
Obwell # 73044

Aquifer: QWTA  
Observer: SWCD

Depth: 8.9  
Years of Record: 2

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.9					6.5		5.8	6.0	6.6	5.9	6.0
High WL	6.9					6.5		5.7	5.4	6.6	5.9	6.0
Hi Yr	1989					1990		1990	1990	1990	1990	1990
Low WL	6.9					6.5		5.9	6.7	6.6	5.9	6.0
Lo Yr	1989					1990		1989	1989	1990	1990	1990
<u>WATER YEAR 90</u>		6.90				6.53		5.71	5.39	6.57	5.87	6.02
Rdg		30				22		3	22	25	24	21
Day												

**T124 R28 S6 QQQ: CDD**  
Obwell # 73010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 15

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.4	7.7	8.3	8.0	8.7	8.9	7.6	7.3	7.2	7.9	7.9	8.2
High WL	4.2	5.2	5.8	6.4	5.9	6.1	4.8	3.9	4.1	3.9	4.1	4.2
Hi Yr	1986	1986	1983	1984	1984	1983	1984	1986	1984	1983	1986	1986
Low WL	11.4	11.5	11.4	9.4	10.9	11.0	10.5	10.7	11.1	11.2	11.1	12.0
Lo Yr	1988	1988	1988	1982	1977	1988	1988	1988	1988	1988	1988	1976
<u>WATER YEAR 90</u>	10.19	10.50	10.75			10.06	10.17	9.08	6.71	6.86	7.47	8.21
Rdg	18	30	29			29	27	23	18	26	24	28
Day												

## SUMMARY FOR 1990 WATER YEAR

**T124 R28 S21** QQQ: CDA1  
Obwell # 73001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.2	7.3	7.2	7.5	7.6	8.4	7.4	7.1	6.7	7.0	7.3	7.4
High WL	5.2	5.4	4.9	5.4	4.9	5.8	4.7	4.3	4.5	4.7	5.1	4.7
Hi Yr	1986	1972	1976	1972	1977	1984	1986	1975	1984	1975	1972	1979
Low WL	12.6	13.1	13.0	9.5	9.9	13.3	13.5	13.3	11.4	11.1	12.4	12.5
Lo Yr	1989	1989	1989	1982	1982	1990	1990	1990	1990	1980	1989	1989
<b>WATER YEAR 90</b>						13.34	13.52	13.29	11.43	9.97	9.75	10.06
Rdg	12.63	13.05	12.99			28	25	22	21	25	23	26
Day	19	29	28									

**T124 R35 S36** QQQ: DCA  
Obwell # 73023

Aquifer: QBAA  
Observer: SWCD

Depth: 155.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.8	4.5					9.9	11.4				
High WL	7.6	4.5					8.0	11.4				
Hi Yr	1986	1984					1986	1990				
Low WL	13.2	4.5					12.0	11.4				
Lo Yr	1988	1984					1989	1990				
<b>WATER YEAR 90</b>								11.38				
Rdg	11.80							3				
Day	19											

**T125 R30 S22** QQQ: CDD1  
Obwell # 73011

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.7	4.9	5.2	5.0	5.7	5.2	4.6	4.5	4.5	4.7	5.1	5.1
High WL	3.0	3.6	4.0	4.3	3.6	3.7	3.0	2.8	2.7	2.4	3.5	3.1
Hi Yr	1984	1977	1984	1978	1984	1983	1986	1986	1984	1978	1986	1986
Low WL	7.4	7.5	7.5	5.6	8.0	6.7	6.5	6.0	6.6	6.9	7.0	7.3
Lo Yr	1988	1988	1988	1981	1985	1977	1977	1977	1988	1988	1988	1988
<b>WATER YEAR 90</b>						6.37	6.24	5.56	4.53	4.99	5.47	5.81
Rdg	6.70	6.85	7.04			29	27	23	18	26	24	28
Day	18	30	29									

**T125 R33 S3** QQQ: CDA2  
Obwell # 73012

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.3	6.0	10.0	5.4	5.9	6.1	5.4	5.7	5.7	6.4	6.7	6.4
High WL	3.7	4.3	4.6	4.9	4.3	4.4	3.6	3.8	3.4	3.9	4.9	4.2
Hi Yr	1984	1983	1983	1984	1984	1983	1979	1982	1984	1978	1983	1983
Low WL	11.2	8.5	59.4	6.2	7.9	8.4	7.2	7.6	8.7	9.4	9.1	9.0
Lo Yr	1976	1988	1980	1981	1977	1989	1988	1988	1988	1988	1988	1988
<b>WATER YEAR 90</b>						7.00		6.96	6.59	7.23	7.76	7.49
Rdg	7.66	7.65	7.82			22		1	26	26	24	21
Day	19	29	28									

## SUMMARY FOR 1990 WATER YEAR

**T126 R28 S17** QQQ: CAA1  
Obwell # 73015

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	17.3	17.5	17.9	17.8	18.5	18.3	17.2	16.2	16.1	16.6	17.1	17.8
High WL	14.0	15.2	16.2	16.4	17.3	15.6	15.1	12.3	13.2	14.0	15.2	15.3
Hi Yr	1986	1984	1982	1978	1983	1983	1986	1986	1984	1978	1986	1986
Low WL	20.1	20.3	20.9	19.5	21.0	20.0	19.8	19.1	19.3	19.3	19.4	19.8
Lo Yr	1987	1987	1976	1981	1977	1977	1981	1987	1987	1987	1987	1987
<u>WATER YEAR 90</u>												
Rdg	17.36	18.02	18.30			17.34	16.64	15.54	13.84	15.06	16.27	17.25
Day	18	30	29			29	27	25	18	26	24	25

**T126 R28 S33** QQQ: BCA  
Obwell # 73024

Aquifer: QBAA  
Observer: SWCD

Depth: 66.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.7	8.1					12.5					
High WL	5.3	8.1					8.9					
Hi Yr	1986	1984					1987					
Low WL	16.4	8.1					16.2					
Lo Yr	1989	1984					1990					
<u>WATER YEAR 90</u>												
Rdg	16.39						16.21					
Day	18						27					

**T126 R30 S17** QQQ: ABC2  
Obwell # 73017

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.8	11.1	11.4	11.3	11.7	11.3	10.4	10.5	10.8	10.8	11.1	11.3
High WL	8.4	9.7	9.9	10.5	10.2	9.6	8.7	8.3	7.9	8.8	9.1	9.2
Hi Yr	1984	1984	1984	1984	1984	1985	1986	1986	1984	1978	1978	1986
Low WL	12.9	12.9	13.2	11.9	13.3	12.9	11.8	11.9	12.5	12.9	12.7	13.0
Lo Yr	1988	1988	1976	1981	1977	1982	1977	1988	1988	1988	1988	1976
<u>WATER YEAR 90</u>												
Rdg	12.25	11.89	12.05			10.84	11.21	10.87	10.50	10.61	10.65	11.16
Day	18	30	29			29	27	23	18	26	24	28

**T126 R34 S23** QQQ: CDA1  
Obwell # 73018

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 15

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	20.0	20.0	20.1	20.7	20.5	20.6	20.1	20.1	19.9	19.9	19.9	19.9
High WL	14.7	15.1	15.6	19.0	18.3	17.3	17.9	17.5	16.7	15.2	15.3	15.4
Hi Yr	1986	1986	1986	1980	1985	1987	1987	1986	1986	1986	1986	1986
Low WL	22.2	22.3	22.5	21.8	21.9	23.0	21.6	21.8	21.9	22.0	22.0	22.0
Lo Yr	1977	1988	1988	1982	1982	1989	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>												
Rdg	21.14	21.08	21.26			20.69		21.14	19.53	19.57	19.46	19.52
Day	10	13	28			22		1	26	26	24	21

## SUMMARY FOR 1990 WATER YEAR

T126 R35 S9 QQQ: BAD  
Obwell # 73027

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.3  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.1	6.1	6.6			6.4	5.0	5.5	5.2	6.2	6.0	6.0
High WL	4.3	5.0	5.7			6.1	3.3	3.6	2.4	4.9	3.7	3.8
Hi Yr	1986	1986	1986			1990	1986	1986	1986	1986	1986	1986
Low WL	7.2	7.2	7.1			7.0	6.4	6.8	7.2	7.5	7.2	7.3
Lo Yr	1988	1988	1988			1989	1988	1988	1988	1988	1988	1988
WATER YEAR 90						6.11		5.36	4.24	5.35	6.12	6.27
Rdg	6.36	6.49	6.65			22		3	26	26	24	21
Day	30	29	19									

Steele County

DNR Region 5

## SUMMARY FOR 1990 WATER YEAR

T106 R20 S30    QQQ: BAD1  
Obwell # 74000

Aquifer: OGWD/GWD  
Observer: USGS

Depth: 215.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	32.3	32.9	32.7	32.3	32.8	32.1	32.5	31.3	33.1	32.6	33.4	33.1
High WL	32.3	31.6	31.8	31.8	32.3	30.1	32.3	29.9	32.6	30.9	33.4	31.6
Hi Yr	1982	1985	1986	1984	1988	1984	1989	1984	1989	1990	1989	1990
Low WL	32.3	34.3	33.5	33.4	33.3	33.6	32.6	31.9	33.7	34.5	33.4	34.0
Lo Yr	1982	1987	1988	1990	1987	1990	1987	1990	1987	1985	1989	1985
<u>WATER YEAR 90</u>												
Rdg		33.28			33.36		33.63		31.92		30.92	
Day		7			9		6		22		24	
												31.57
												25

Stevens County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

T R S QQQ:  
Obwell # 75018Aquifer:  
Observer:Depth:  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave						15.4	15.4	15.6	15.5	15.4	14.7	15.7
High WL						15.4	15.4	15.6	15.5	15.4	14.7	15.7
Hi Yr						1990	1990	1990	1990	1990	1990	1990
Low WL						15.4	15.4	15.6	15.5	15.4	14.7	15.7
Lo Yr						1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>						15.39	15.43	15.56	15.53	15.39	14.68	15.68
Rdg						23	23	24	20	24	23	16
Day												

T123 R41 S3 QQQ: BCD  
Obwell # 75006Aquifer: QBAAQBAA  
Observer: SWCDDepth: 64.5  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	93.7	95.3	96.0			94.8	93.0	94.4	98.2	94.6	94.7	92.3
High WL	86.3	86.6	86.3			87.3	85.8	85.2	84.7	86.3	87.3	86.4
Hi Yr	1984	1985	1985			1986	1986	1986	1986	1985	1985	1985
Low WL	112.5	111.7	113.4			120.4	104.7	113.8	123.7	113.2	108.0	97.3
Lo Yr	1988	1988	1988			1988	1988	1988	1988	1987	1988	1986
<u>WATER YEAR 90</u>	90.90		91.21			91.34	90.61	90.98	91.04	92.23	92.06	91.86
Rdg	27		15			23	23	24	20	24	23	16
Day												

T123 R41 S27 QQQ: DBD  
Obwell # 75004Aquifer: QBAAQBAA  
Observer: SWCDDepth: 178.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.8	10.6	11.9			13.5	12.1	12.5	13.3	20.1	17.8	14.5
High WL	9.3	10.6	10.5			13.5	10.0	11.7	12.3	20.1	17.2	13.2
Hi Yr	1986	1984	1984			1983	1986	1984	1985	1983	1984	1984
Low WL	16.8	10.6	13.2			13.5	14.0	13.2	15.0	20.1	18.6	15.7
Lo Yr	1988	1984	1983			1983	1990	1983	1983	1983	1982	1982
<u>WATER YEAR 90</u>	14.47					14.01						
Rdg	27					23						
Day												

T123 R41 S27 QQQ: CBB  
Obwell # 75012Aquifer: QBAAQBAA  
Observer:Depth: 192.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.7		20.5			20.5	20.3	20.3	20.3	30.3	28.4	22.8
High WL	21.7		20.5			20.4	19.8	19.9	19.9	28.9	26.0	22.7
Hi Yr	1989		1989			1990	1989	1989	1989	1989	1990	1989
Low WL	21.7		20.5			20.6	20.8	20.8	20.7	31.7	30.7	22.9
Lo Yr	1989		1989			1989	1990	1990	1990	1990	1989	1990
<u>WATER YEAR 90</u>	21.74		20.51			20.44	20.83	20.75	20.69	31.73	26.00	22.88
Rdg	27		15			23	23	24	20	24	23	16
Day												

Stevens County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T123 R42 S4 QQQ: BBD**  
Obwell # 75003

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 149.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	70.7	68.3	70.6			71.5	70.1	71.1	70.5	70.8	71.5	71.6
High WL	67.9	68.3	68.2			70.4	68.2	69.4	68.6	69.3	69.6	70.0
Hi Yr	1986	1984	1984			1984	1986	1984	1985	1985	1984	1984
Low WL	72.7	68.3	72.6			72.6	72.0	72.0	72.0	71.9	72.9	72.5
Lo Yr	1988	1984	1989			1990	1989	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	72.46		72.62			72.61	71.83	72.04	71.99			
Day	25		15			23	23	24	20			

**T123 R42 S21 QQQ: BBC**  
Obwell # 75002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.5  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.2	12.8	13.2			12.4	11.8	12.0	12.7	13.4	14.2	13.8
High WL	10.6	10.5	11.0			10.1	9.2	9.1	9.8	10.7	11.0	11.1
Hi Yr	1984	1984	1984			1985	1986	1986	1986	1986	1986	1986
Low WL	15.4	15.2	14.9			13.7	13.8	13.9	16.0	16.7	16.8	15.7
Lo Yr	1988	1988	1988			1990	1990	1990	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	14.56		14.48			13.68	13.77	13.91	14.04	15.02	15.42	14.99
Day	25		15			23	23	24	20	24	23	16

**T123 R44 S13 QQQ: BDB**  
Obwell # 75017

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 237.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	85.4						86.6					
High WL	81.1						85.8					
Hi Yr	1988						1989					
Low WL	88.1						87.7					
Lo Yr	1986						1987					
<u>WATER YEAR 90</u>												
Rdg	86.79						86.50					
Day	25						23					

**T124 R41 S12 QQQ: ACA**  
Obwell # 75016

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 106.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	43.7						43.5	45.9				
High WL	39.2						40.1	45.9				
Hi Yr	1986						1987	1989				
Low WL	46.7						46.8	45.9				
Lo Yr	1989						1990	1989				
<u>WATER YEAR 90</u>												
Rdg	46.72						46.79					
Day	27						23					

Stevens County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T124 R42 S30 QQQ: ABA**  
Obwell # 75013

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 117.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	82.6	82.1	82.3			82.3	82.2	82.2	82.9	83.3	83.0	82.9
High WL	80.6	80.3	80.3			80.2	80.3	80.4	80.6	80.8	80.5	79.9
Hi Yr	1986	1986	1986			1987	1987	1987	1987	1986	1986	1986
Low WL	84.6	84.4	84.7			84.8	84.0	84.1	84.5	86.1	84.8	85.0
Lo Yr	1988	1988	1989			1990	1989	1990	1985	1984	1990	1990
<u>WATER YEAR 90</u>												
Rdg	84.39		84.68			84.79	83.81	84.11	83.94	84.33	84.85	85.04
Day	25		15			23	23	24	20	24	23	16

**T124 R42 S35 QQQ: BBB**  
Obwell # 75001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 61.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	19.4	19.6	19.3			18.6	18.3	18.5	19.1	19.7	21.1	20.3
High WL	16.5	16.7	17.2			16.9	15.9	15.3	16.1	16.7	16.7	16.9
Hi Yr	1984	1984	1984			1985	1986	1986	1986	1986	1986	1986
Low WL	21.8	23.5	20.9			19.5	19.7	20.6	22.8	21.6	26.6	23.5
Lo Yr	1988	1987	1988			1990	1990	1988	1988	1983	1988	1988
<u>WATER YEAR 90</u>												
Rdg	20.67		20.49			19.51	19.67	19.84	19.84	21.36	22.53	21.89
Day	25		15			23	23	24	20	24	23	14

**T126 R41 S13 QQQ: CB**  
Obwell # 75008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 52.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.1	6.4	7.3			7.2	5.9	6.6	6.4	6.7	7.7	7.7
High WL	3.2	3.7	4.0			5.6	3.4	3.5	3.5	3.2	3.4	4.5
Hi Yr	1986	1986	1986			1987	1986	1985	1986	1986	1986	1986
Low WL	10.4	10.2	9.7			9.5	9.3	8.9	8.7	9.5	10.1	9.4
Lo Yr	1988	1988	1989			1990	1990	1990	1990	1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg	9.48		9.65			9.50	9.31	8.88	8.65	8.88	9.58	9.40
Day	25		15			23	24	22	21	23	23	16

**T126 R42 S36 QQQ: CCC**  
Obwell # 75014

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 93.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.9	24.5	24.1			25.8	24.4	24.7	24.5	24.9	25.3	25.4
High WL	20.1	20.3	20.6			21.8	21.8	21.8	21.1	20.8	20.3	20.1
Hi Yr	1986	1986	1986			1987	1987	1986	1986	1986	1986	1986
Low WL	28.3	28.3	27.6			28.3	27.7	27.8	27.5	27.6	28.0	28.2
Lo Yr	1988	1988	1989			1989	1990	1989	1990	1989	1988	1990
<u>WATER YEAR 90</u>												
Rdg	27.76		27.58			27.70	27.65	27.57	27.53	27.56	28.00	28.22
Day	25		15			23	24	22	21	23	23	16

Stevens County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T126 R44 S14 QQQ: BBB**  
**Obwell # 75015**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 207.0  
 Years of Record: 7

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	27.1	27.1	27.3			27.0	27.0	27.2	27.4	27.6	27.8	27.4
High WL	26.1	26.5	26.3			26.0	26.1	26.6	26.8	26.6	26.9	26.1
Hi Yr	1985	1986	1986			1987	1987	1986	1986	1987	1986	1985
Low WL	27.8	27.6	28.0			28.1	28.1	28.2	28.1	28.8	28.7	28.8
Lo Yr	1989	1984	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>						28.07	28.11	28.18	28.10	28.77	28.72	28.76
Rdg	27.81		27.96			23	24	22	21	23	23	16
Day	25		15									

Swift County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T120 R41 S11**   QQQ: **BCA**  
**Obwell # 76026**

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 126.0  
 Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.3	12.2	12.1	12.2	11.8	11.7	11.2	14.2	28.9	38.1	44.0	17.3
High WL	8.6	8.4	8.7	9.1	9.6	8.8	9.1	8.2	9.9	8.6	12.1	9.5
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1984	1984	1986	1986
Low WL	18.3	16.3	15.4	15.1	14.5	14.4	14.5	21.9	60.6	64.4	59.6	23.6
Lo Yr	1989	1989	1989	1989	1989	1990	1990	1988	1988	1989	1988	1989
<b>WATER YEAR 90</b>												
Rdg	18.25	16.31	15.44	14.86	14.45	14.39	14.52	20.25	14.21	36.72	54.40	19.00
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T120 R41 S12**   QQQ: **BBA**  
**Obwell # 76016**

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 157.0  
 Years of Record: 12

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.3	13.6	13.3	13.1	13.4	13.5	12.9	16.3	17.5	27.4	30.4	18.0
High WL	9.8	9.7	10.1	10.6	11.2	11.3	10.3	9.4	9.9	14.5	12.5	10.6
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1979	1982	1986	1986
Low WL	22.3	18.0	17.3	16.9	16.7	16.5	16.5	27.7	39.2	43.8	43.0	23.7
Lo Yr	1979	1989	1989	1990	1990	1990	1990	1981	1988	1989	1989	1979
<b>WATER YEAR 90</b>												
Rdg	19.75	18.04	17.30	16.90	16.65	16.49	16.50	19.28	15.69	28.85	42.08	19.32
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T120 R41 S12**   QQQ: **BBA**  
**Obwell # 76027**

Aquifer:  
 Observer: SWCD

Depth: 0.0  
 Years of Record: 8

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.2	7.1	7.5	8.2	8.1	8.7	6.6	6.4	6.5	7.1	7.6	7.6
High WL	3.9	3.9	5.1	6.0	6.5	6.7	2.6	2.9	3.3	4.0	4.1	4.5
Hi Yr	1986	1984	1984	1987	1987	1987	1986	1986	1984	1986	1986	1986
Low WL	10.5	10.6	10.2	10.5	10.7	10.9	10.7	10.0	9.4	10.1	10.7	11.0
Lo Yr	1988	1988	1989	1990	1990	1990	1990	1990	1988	1988	1988	1988
<b>WATER YEAR 90</b>												
Rdg	10.37	10.09	10.22	10.53	10.67	10.88	10.73	9.97	8.61	7.87	8.45	7.64
Day	17	17	15	17	14	16	5	16	19	17	17	14

**T120 R41 S17**   QQQ: **AAB**  
**Obwell # 76042**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 23.0  
 Years of Record: 2

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.8	8.7	8.5	8.4	8.3	8.1	8.3	8.5	8.1	8.3	8.6	8.5
High WL	8.8	8.7	8.5	8.4	8.3	8.1	8.3	8.5	8.1	8.0	8.4	8.1
Hi Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1990	1990
Low WL	8.8	8.7	8.5	8.4	8.3	8.1	8.3	8.5	8.1	8.6	8.8	8.8
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1989	1989	1989
<b>WATER YEAR 90</b>												
Rdg	8.83	8.72	8.53	8.40	8.26	8.05	8.28	8.49	8.12	8.04	8.41	8.09
Day	13	15	13	16	13	14	4	15	18	16	16	13

## SUMMARY FOR 1990 WATER YEAR

T120 R42 S4 QQQ: BBA  
Obwell # 76020

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 204.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	40.4	35.3	32.5	30.3	28.7	27.7	26.7	30.5	34.7	47.5	66.4	52.3
High WL	25.3	23.9	22.9	22.2	21.8	21.4	21.1	23.7	24.0	28.8	33.2	28.5
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1986	1986	1981	1986	1986
Low WL	53.7	45.8	41.2	37.6	35.6	33.5	32.6	40.9	68.3	80.6	97.0	70.1
Lo Yr	1988	1988	1988	1989	1989	1989	1990	1988	1988	1989	1988	1988
WATER YEAR 90	Rdg	49.57	42.99	39.60	36.69	34.91	33.36	32.57	39.88	34.70	70.34	95.90
	Day	13	15	13	16	13	14	4	15	18	16	13

T120 R42 S4 QQQ: BBA  
Obwell # 76029

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.4	6.6	6.9	7.3	7.7	7.5	6.1	6.0	6.2	6.5	6.8	6.7
High WL	4.0	4.1	4.8	5.8	6.2	5.9	2.7	3.7	4.1	4.3	4.7	4.0
Hi Yr	1984	1984	1984	1987	1987	1986	1986	1986	1984	1986	1986	1985
Low WL	8.8	9.1	9.3	9.5	9.6	9.7	9.5	9.3	8.0	8.3	8.4	8.9
Lo Yr	1989	1988	1989	1990	1990	1990	1990	1990	1989	1989	1988	1988
WATER YEAR 90	Rdg	8.83	8.98	9.27	9.50	9.60	9.68	9.54	9.28	7.95	7.47	7.90
	Day	17	17	15	17	14	16	5	16	19	17	14

T120 R42 S22 QQQ: AAA  
Obwell # 76004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.8	6.7	6.7	6.8	7.0	7.0	6.7	6.4	6.4	6.4	6.5	6.6
High WL	4.6	4.5	4.6	4.6	4.8	4.9	1.9	2.3	2.6	3.0	3.5	4.1
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1987	1987	1987	1987	1987
Low WL	8.2	8.4	8.4	8.6	8.7	8.7	8.6	8.3	8.2	8.0	8.3	8.0
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1990	1990	1990	1976
WATER YEAR 90	Rdg	7.90	7.98	8.01	8.10	8.16	8.24	8.24	8.22	8.15	8.02	8.34
	Day	13	15	13	16	13	14	4	15	18	16	13

T120 R42 S28 QQQ: DDD  
Obwell # 76044

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	37.9	36.7	35.8	34.8	34.0	33.3	33.0	32.3	31.8	32.3	38.1	38.5
High WL	37.9	36.7	35.8	34.8	34.1	33.3	33.0	32.4	31.8	32.3	37.6	38.2
Hi Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1990	1990
Low WL	37.9	36.7	35.8	34.8	34.1	33.3	33.0	32.4	31.8	32.3	38.6	38.8
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1989	1989
WATER YEAR 90	Rdg	37.93	36.69	35.76	34.78	34.05	33.34	33.00	32.35	31.83	2.32	37.61
	Day	13	15	13	16	13	14	4	15	18	16	13

Swift County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T120 R42 S28 QQQ: DDD**  
Obwell # 76045

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.3	7.7	8.1	8.2	9.0	8.1	6.6	6.8	3.5	4.9	6.9	6.3
High WL	8.3	7.7	8.1	8.2	9.0	8.1	6.6	6.8	3.5	5.0	6.6	4.8
Hi Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1990	1990
Low WL	8.3	7.7	8.1	8.2	9.0	8.1	6.6	6.8	3.5	5.0	7.2	7.7
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	8.32	7.66	8.10	8.19	8.97	8.12	6.62	6.78	3.47	4.95	6.60	4.81
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T120 R43 S2 QQQ: DDD1**  
Obwell # 76001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.8	22.7	22.7	23.1	23.0	23.0	22.5	22.3	22.3	22.2	22.3	22.5
High WL	18.9	18.9	19.1	19.3	19.4	19.5	19.3	19.2	18.7	18.6	18.8	18.4
Hi Yr	1986	1972	1972	1987	1987	1973	1973	1986	1986	1986	1986	1972
Low WL	25.0	24.7	25.0	25.0	25.0	24.8	24.6	24.6	24.4	24.3	24.4	24.8
Lo Yr	1977	1989	1977	1982	1982	1982	1990	1990	1990	1990	1990	1977
<u>WATER YEAR 90</u>												
Rdg	24.49	24.65	24.70	24.75	24.74	24.70	24.63	24.60	24.38	24.28	24.36	24.19
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T120 R43 S7 QQQ: ABB**  
Obwell # 76022

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 173.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	20.5	20.0	19.8	19.6	19.8	19.6	19.1	19.7	20.3	24.3	25.9	22.4
High WL	15.8	15.8	16.0	16.1	16.3	16.3	15.9	15.4	15.5	17.0	16.8	16.3
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	23.9	23.0	22.7	22.3	22.1	22.0	21.4	23.6	25.3	30.5	32.4	27.9
Lo Yr	1988	1988	1988	1982	1982	1982	1990	1981	1988	1990	1988	1982
<u>WATER YEAR 90</u>												
Rdg	23.23	22.28	21.80	21.63	21.34	21.30	21.38	21.35	21.37	30.48	28.55	25.26
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T120 R43 S7 QQQ: BBA**  
Obwell # 76031

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.5	14.6	14.6	14.8	15.0	15.0	14.4	14.1	14.2	14.2	14.6	14.8
High WL	11.5	11.6	11.8	12.0	12.2	12.4	11.1	10.4	10.3	10.8	11.2	11.6
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	17.3	17.5	17.6	17.6	17.7	17.8	17.9	17.0	18.1	18.0	18.1	17.9
Lo Yr	1989	1989	1990	1990	1990	1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	17.28	17.47	17.50	17.58	17.66	17.76	17.92	17.00	18.11	18.02	18.13	17.90
Day	17	17	15	17	14	16	5	16	19	17	17	14

## SUMMARY FOR 1990 WATER YEAR

**T120 R43 S13** QQQ: DDD  
Obwell # 76007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	17.8	17.5	17.4	17.2	17.3	17.2	16.7	16.8	16.9	17.5	18.6	17.8
High WL	13.2	13.2	13.4	13.6	13.9	13.9	13.7	13.0	13.2	13.9	13.9	13.6
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	20.1	20.1	20.0	20.1	20.1	19.6	19.4	19.3	19.2	19.7	22.7	20.2
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1990	1989	1988
<b>WATER YEAR 90</b>												
Rdg	19.15	18.94	18.85	19.23	19.25	19.26	19.26	19.22	18.96	19.65	20.70	19.25
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T120 R43 S23** QQQ: BCB  
Obwell # 76030

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 162.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.3	24.1	24.3	24.3	24.3	24.5	23.6	23.4	23.5	24.4	25.0	24.6
High WL	19.8	19.8	20.3	20.6	21.1	21.4	20.6	19.0	19.1	20.1	20.3	20.4
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	27.5	27.4	27.4	27.1	27.0	27.1	26.6	26.4	26.2	27.1	27.9	27.1
Lo Yr	1988	1988	1988	1989	1989	1989	1990	1990	1990	1988	1990	1988
<b>WATER YEAR 90</b>												
Rdg	26.59	26.54	26.53	26.76	26.67	26.72	26.60	26.42	26.24	26.82	27.88	26.80
Day	17	17	15	17	14	16	5	16	19	17	17	14

**T121 R37 S10** QQQ: CCC  
Obwell # 76034

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 231.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	48.4	48.0	48.2	48.8	49.4	49.5	49.6	49.3	49.0	48.8	49.1	49.2
High WL	42.6	42.8	43.4	44.3	45.2	45.8	46.0	45.3	44.6	44.2	43.7	43.3
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1986	1986	1986	1986	1986
Low WL	54.4	54.0	54.6	54.9	55.1	55.3	55.4	55.3	54.8	54.5	54.4	54.1
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1990	1989
<b>WATER YEAR 90</b>												
Rdg	54.40	54.01	54.64	54.86	55.12	55.25	55.35	55.34	54.84	54.52	54.40	53.86
Day	17	17	15	17	14	16	5	16	19	17	17	14

**T121 R38 S29** QQQ: BDA  
Obwell # 76032

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 378.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.4	5.1	5.2	5.4	5.6	5.7	5.4	5.4	5.4	5.3	5.6	5.7
High WL	3.3	2.9	2.9	3.2	3.4	3.5	1.5	2.0	2.3	2.5	2.9	3.4
Hi Yr	1986	1984	1984	1987	1987	1987	1987	1987	1987	1987	1987	1987
Low WL	8.6	8.7	8.7	8.8	8.9	9.0	8.9	9.0	8.9	8.8	8.7	8.5
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1990	1989
<b>WATER YEAR 90</b>												
Rdg	8.60	8.66	8.70	8.78	8.93	8.98	8.90	8.97	8.95	8.77	8.69	8.37
Day	17	17	15	17	14	16	5	16	19	17	17	14

Swift County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T121 R39 S6 QQQ: BDB1**  
Obwell # 76014

Aquifer: QBAAQBA  
Observer: USGS

Depth: 143.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.6	10.3	9.5	9.9	9.3	8.7	9.0	9.7	10.1	13.7	13.9	10.1
High WL	3.9	6.9	6.7	8.3	7.6	3.0	5.7	5.7	4.6	8.8	10.3	6.8
Hi Yr	1984	1985	1986	1985	1986	1979	1979	1986	1984	1986	1979	1986
Low WL	11.8	12.3	11.4	12.0	10.4	11.4	12.5	13.9	18.9	19.0	17.8	12.7
Lo Yr	1979	1989	1988	1981	1989	1981	1990	1981	1988	1980	1989	1987
<u>WATER YEAR 90</u>												
Rdg		12.28			10.91			10.36		12.54		
Day		2			9			14		19		
									9.05		13.33	
									14		3	11.92
												27

**T121 R39 S7 QQQ: AAC1**  
Obwell # 76013

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 167.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.9	7.7	7.9	8.0	8.0	7.7	6.7	7.1	7.3	7.6	8.2	7.5
High WL	5.7	5.5	5.9	6.1	6.8	6.1	5.3	4.9	4.4	5.9	6.0	2.9
Hi Yr	1986	1984	1984	1985	1987	1988	1986	1986	1980	1986	1986	1990
Low WL	10.9	10.7	10.5	10.4	9.4	14.0	11.4	8.6	9.4	10.2	11.0	11.0
Lo Yr	1989	1989	1989	1990	1990	1979	1979	1979	1988	1988	1989	1989
<u>WATER YEAR 90</u>												
Rdg	10.92	10.66	10.50	10.39	9.45	8.15	6.65	8.45	9.24	9.30	10.07	2.93
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T121 R39 S28 QQQ: AAA**  
Obwell # 76036

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 177.5  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.8	14.2	14.6	15.1	15.5	15.5	14.6	14.3	14.3	14.8	15.7	14.8
High WL	10.4	11.1	11.8	12.9	13.8	13.8	11.0	10.0	11.0	11.3	11.4	11.2
Hi Yr	1986	1984	1984	1985	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	18.0	17.8	17.8	17.7	17.8	17.9	17.8	17.4	17.0	18.0	18.7	18.0
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1988	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	18.00	17.82	17.76	17.67	17.84	17.86	17.78	17.43	16.48	16.29	17.61	14.82
Day	17	17	15	17	14	16	5	16	19	17	17	14

**T121 R40 S8 QQQ: AAA**  
Obwell # 76018

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 175.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.1	2.9	3.2	3.3	3.7	3.5	2.3	2.5	2.3	4.0	5.3	3.7
High WL	0.8	0.6	1.4	2.2	2.2	2.1	0.2	0.1	1.0	1.5	0.9	
Hi Yr	1986	1984	1984	1986	1985	1985	1986	1986	1984	1986	1986	1986
Low WL	5.5	5.3	5.3	5.2	5.3	5.3	4.9	4.4	6.6	7.2	7.7	6.3
Lo Yr	1989	1988	1988	1990	1990	1990	1990	1988	1988	1988	1989	1989
<u>WATER YEAR 90</u>												
Rdg	5.51	5.07	5.15	5.23	5.27	5.29	4.91	4.36	3.06	3.77	7.19	3.31
Day	13	15	13	16	13	14	4	15	18	16	16	13

Swift County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T121 R40 S14**   QQQ: BAC  
 Obwell # 76019

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 147.0  
 Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.0	9.5	9.3	9.3	10.0	10.1	9.2	9.0	8.3	8.9	9.7	10.0
High WL	6.3	6.5	6.8	7.2	8.0	7.4	6.3	6.3	3.3	6.8	6.6	6.8
Hi Yr	1986	1986	1984	1985	1984	1984	1980	1986	1979	1986	1986	1986
Low WL	13.1	12.7	12.4	12.5	12.5	12.7	12.7	11.9	11.1	12.1	13.0	13.3
Lo Yr	1988	1989	1989	1990	1990	1990	1990	1990	1981	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	13.04	12.73	12.35	12.45	12.50	12.68	12.73	11.92	10.47	9.82	10.90	9.51
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T121 R40 S35**   QQQ: ABBB  
 Obwell # 76040

Aquifer: QBAA  
 Observer: SWCD

Depth: 178.0  
 Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.9	15.6	15.4	15.6	15.7	15.4	15.3	14.4	13.8	13.9	14.8	13.8
High WL	15.9	15.6	15.4	15.6	15.7	15.1	14.8	14.1	13.4	13.0	14.0	11.7
Hi Yr	1989	1989	1989	1990	1990	1989	1989	1989	1990	1990	1990	1990
Low WL	15.9	15.6	15.4	15.6	15.7	15.8	15.8	14.7	14.1	14.7	15.6	15.8
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	15.93	15.56	15.42	15.63	15.73	15.80	15.75	14.73	13.40	13.03	13.98	11.70
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T121 R40 S35**   QQQ: ABB2  
 Obwell # 76041

Aquifer:  
 Observer: SWCD

Depth: 0.0  
 Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.5	4.4	5.1	5.9	6.2	5.9	5.2	3.4	2.7	4.6	5.6	3.6
High WL	5.5	4.4	5.1	5.9	6.2	5.9	5.2	3.4	1.3	3.9	5.3	2.5
Hi Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1990	1990
Low WL	5.5	4.4	5.1	5.9	6.2	5.9	5.2	3.4	4.1	5.3	6.0	4.8
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1989	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg	5.53	4.40	5.12	5.93	6.20	5.93	5.17	3.44	1.26	3.90	5.31	2.45
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T121 R42 S17**   QQQ: ABB  
 Obwell # 76035

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 174.0  
 Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.0	5.8	5.8	5.7	6.1	5.6	5.0	4.8	5.0	5.5	6.3	6.4
High WL	3.2	3.2	3.3	3.5	3.8	3.8	3.2	2.4	2.6	3.0	3.3	3.5
Hi Yr	1986	1986	1986	1987	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	8.4	8.2	8.1	7.7	7.7	7.3	7.0	6.9	6.8	8.0	8.8	8.7
Lo Yr	1988	1988	1988	1989	1989	1989	1990	1990	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	7.97	7.85	7.71	7.52	7.23	7.04	7.00	6.88	6.80	7.11	8.10	7.55
Day	17	17	15	16	13	14	4	15	18	16	16	13

Swift County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T121 R42 S30 QQQ: DAD**  
Obwell # 76011Aquifer: QWTAQWTA  
Observer: SWCDDepth: 25.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.9	9.9	9.6	9.4	9.2	8.9	8.3	8.8	9.0	9.4	10.1	10.1
High WL	7.1	7.1	7.6	7.8	8.0	7.4	4.9	5.2	6.2	6.9	7.3	7.2
Hi Yr	1986	1984	1984	1987	1987	1985	1986	1986	1986	1986	1986	1972
Low WL	12.1	11.9	11.3	10.9	10.6	10.1	10.4	10.5	11.0	13.0	12.9	12.6
Lo Yr	1988	1988	1988	1989	1989	1981	1981	1990	1988	1989	1988	1988
<u>WATER YEAR 90</u>												
Rdg	11.17	11.00	10.84	10.43	10.22	10.13	10.19	10.52	10.20	10.62	11.88	12.30
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T121 R43 S32 QQQ: CCC**  
Obwell # 76012Aquifer: QWTAQWTA  
Observer: SWCDDepth: 21.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.1	12.4	12.4	12.5	12.6	12.6	11.9	11.8	11.8	11.8	11.8	12.0
High WL	9.9	9.8	10.4	10.6	10.4	10.3	9.8	9.7	9.3	9.4	9.6	9.8
Hi Yr	1986	1986	1986	1987	1973	1973	1973	1986	1986	1986	1980	1986
Low WL	13.8	13.7	13.6	13.8	14.1	14.2	13.9	14.0	14.1	14.0	13.6	13.5
Lo Yr	1977	1977	1976	1977	1978	1978	1981	1981	1981	1981	1981	1977
<u>WATER YEAR 90</u>												
Rdg	13.20	13.18	13.17	13.31	13.39	13.50	13.53	13.57	13.50	13.43	13.29	13.04
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T121 R43 S32 QQQ: BAA**  
Obwell # 76024Aquifer: QBAAQBAA  
Observer: SWCDDepth: 46.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.5	24.9	24.7	24.5	24.6	24.5	24.0	24.3	25.6	30.8	31.6	26.9
High WL	20.5	20.4	20.5	20.6	20.9	20.9	20.8	20.4	20.4	22.5	22.0	21.2
Hi Yr	1986	1986	1987	1987	1987	1987	1987	1986	1986	1986	1986	1986
Low WL	28.6	28.2	27.9	27.4	27.4	27.2	27.0	27.0	31.8	37.3	38.4	30.1
Lo Yr	1988	1988	1988	1989	1989	1989	1990	1990	1988	1989	1990	1990
<u>WATER YEAR 90</u>												
Rdg	28.36	27.72	27.33	27.03	26.96	26.90	26.97	26.96	26.95	34.47	38.36	30.10
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T121 R43 S32 QQQ: ACC**  
Obwell # 76025Aquifer: QBAAQBAA  
Observer: SWCDDepth: 132.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	20.4	19.7	19.5	19.4	19.0	19.3	18.7	19.1	20.2	25.3	26.2	21.8
High WL	16.0	14.9	15.0	15.0	15.3	15.4	15.4	15.0	15.1	16.8	16.5	15.8
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1986	1986	1986	1986	1986
Low WL	23.8	23.2	22.8	23.0	23.0	22.4	21.7	21.7	24.9	30.9	34.0	25.2
Lo Yr	1988	1988	1988	1989	1989	1989	1990	1990	1988	1988	1990	1988
<u>WATER YEAR 90</u>												
Rdg	23.26	22.58	22.20	21.90	21.63	21.75	21.71	21.71	21.75	28.77	34.00	25.03
Day	13	15	13	16	13	14	4	15	18	16	16	13

Swift County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T122 R38 S22 QQQ: BCA**  
Obwell # 76033

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 133.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	35.3	35.1	35.2	35.6	35.8	35.6	35.2	35.0	35.0	35.6	36.6	36.0
High WL	32.6	32.6	33.0	33.5	33.3	33.9	33.2	32.5	32.7	29.1	32.3	32.3
Hi Yr	1986	1984	1984	1987	1985	1987	1986	1986	1986	1986	1986	1986
Low WL	38.4	38.3	38.3	38.6	38.7	38.8	38.5	38.1	37.5	38.4	39.7	38.4
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1989	1989	1990	1989
<u>WATER YEAR 90</u>												
Rdg	38.44	38.30	38.30	38.55	38.70	38.78	38.52	38.05	37.33	38.05	39.70	37.69
Day	17	17	15	17	14	16	5	16	19	17	17	14

**T122 R39 S20 QQQ: BBC**  
Obwell # 76015

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 130.0  
Years of Record: 12

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.1	12.4	6.9	7.2	7.6	7.4	6.2	6.5	6.2	9.5	10.8	7.6
High WL	4.0	4.0	4.6	5.7	6.2	5.9	3.6	3.3	3.8	4.0	4.2	4.5
Hi Yr	1986	1984	1984	1987	1984	1987	1986	1986	1984	1986	1986	1986
Low WL	10.1	69.7	9.8	9.7	9.8	9.7	9.2	9.7	10.8	14.9	14.1	10.8
Lo Yr	1988	1981	1988	1989	1989	1989	1990	1988	1988	1988	1990	1988
<u>WATER YEAR 90</u>												
Rdg	9.87	9.35	9.24	9.43	9.58	9.44	9.15	8.29	7.27	11.95	14.05	8.42
Day	13	15	13	16	13	14	4	15	18	16	16	13

**T122 R40 S11 QQQ: DDAA**  
Obwell # 76038

Aquifer: QBAA  
Observer: SWCD

Depth: 167.0  
Years of Record: 2

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.9	3.3	3.2	3.3	3.4	3.2	2.9	2.2	2.0	8.1	9.8	3.8
High WL	3.9	3.3	3.2	3.3	3.4	3.2	2.7	2.1	1.5	7.1	9.6	3.2
Hi Yr	1989	1989	1989	1990	1990	1989	1989	1989	1990	1990	1989	1990
Low WL	3.9	3.3	3.2	3.3	3.4	3.2	3.0	2.4	2.6	9.2	9.9	4.4
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1989	1989	1990	1989
<u>WATER YEAR 90</u>												
Rdg	3.93	3.27	3.19	3.29	3.40	3.24	3.04	2.35	1.50	7.10	9.89	3.19
Day	17	17	15	17	14	16	5	16	19	17	17	14

**T122 R40 S11 QQQ: DDA2**  
Obwell # 76039

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.2	4.5	5.0	5.4	5.5	5.4	4.5	4.3	2.9	3.8	4.8	4.5
High WL	5.2	4.5	5.0	5.4	5.5	5.4	4.5	4.3	1.4	3.8	4.5	4.2
Hi Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1990	1990
Low WL	5.2	4.5	5.0	5.4	5.5	5.4	4.5	4.3	4.4	3.8	5.2	4.8
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1989	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	5.19	4.53	4.98	5.36	5.46	5.44	4.54	4.27	1.37	3.75	4.52	4.19
Day	17	17	15	17	14	16	5	16	19	17	17	14

Swift County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T122 R40 S26 QQQ: DDD**  
Obwell # 76037

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 166.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.9	4.9	5.3	5.9	6.3	6.0	4.2	4.2	4.3	5.1	5.9	4.9
High WL	2.7	2.6	3.5	4.8	5.0	4.8	1.1	2.1	2.9	1.7	2.9	1.7
Hi Yr	1986	1984	1984	1987	1986	1987	1986	1985	1985	1986	1986	1986
Low WL	6.9	7.0	6.9	7.4	7.5	7.5	6.5	6.0	6.7	7.1	7.7	7.7
Lo Yr	1988	1988	1988	1989	1989	1989	1990	1988	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg.	6.63	6.01	6.40	6.82	7.02	7.09	6.52	5.46	3.20	4.78	6.23	4.08
Day	17	17	15	17	14	16	5	16	19	17	17	14

**T122 R41 S25 QQQ: CDD**  
Obwell # 76043

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.3	11.1	11.0	11.0	11.0	10.9	10.7	10.3	9.4	12.4	14.3	10.6
High WL	11.3	11.1	11.0	11.0	11.0	10.9	10.7	10.3	9.4	11.9	13.8	9.7
Hi Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1990	1990	1990
Low WL	11.3	11.1	11.0	11.0	11.0	10.9	10.7	10.3	9.4	12.9	14.9	11.6
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1989	1989	1989
<u>WATER YEAR 90</u>												
Rdg.	11.33	11.05	10.99	11.00	10.96	10.87	10.71	10.33	9.39	11.86	13.75	9.68
Day	13	15	13	16	13	14	4	15	18	16	16	13

Todd County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T127 R33 S10** QQQ: DDD  
Obwell # 77034

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 125.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.5	20.6	20.8			21.1	20.8	20.5	20.4	20.3	20.5	20.6
High WL	18.4	18.9	19.4			20.1	19.6	18.2	18.0	18.3	18.7	19.1
Hi Yr	1986	1986	1986			1987	1986	1986	1986	1986	1986	1986
Low WL	22.1	22.1	22.2			22.4	21.5	21.5	21.6	21.8	22.0	22.1
Lo Yr	1988	1988	1988			1989	1989	1988	1988	1988	1988	1988
<b>WATER YEAR 90</b>						21.42	21.27	21.03	20.78	20.05	20.26	20.38
Rdg	21.13	21.21	21.35			14	17	18	18	17	15	17
Day	16	13	13									

**T127 R33 S13** QQQ: DBA  
Obwell # 77011

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.1	5.1	5.4	5.3	5.6	5.6	4.4	4.3	4.1	4.7	5.4	5.3
High WL	3.4	3.3	4.2	4.6	4.8	3.7	2.4	1.7	3.0	3.5	3.5	3.3
Hi Yr	1986	1979	1983	1984	1984	1983	1986	1986	1984	1982	1986	1986
Low WL	8.1	8.2	7.9	6.5	6.7	8.1	6.5	6.2	6.7	7.3	7.7	8.1
Lo Yr	1988	1988	1988	1979	1979	1989	1979	1988	1988	1988	1988	1988
<b>WATER YEAR 90</b>						6.93	6.32	5.42	3.87	4.45	5.45	5.64
Rdg	6.47	6.47	6.74			14	17	18	18	17	15	17
Day	16	13	13									

**T128 R33 S5** QQQ: BBB  
Obwell # 77030

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 12

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.9	21.0	21.1	20.8	21.4	21.5	20.6	20.4	20.2	20.6	20.9	21.0
High WL	19.3	19.8	20.1	20.2	21.0	20.3	19.1	18.5	18.7	19.9	20.2	19.8
Hi Yr	1986	1986	1983	1984	1984	1983	1985	1986	1982	1986	1986	1986
Low WL	22.8	22.9	23.1	21.3	21.9	23.5	22.4	21.4	21.3	21.7	22.3	22.5
Lo Yr	1988	1988	1988	1982	1982	1989	1990	1981	1989	1989	1989	1988
<b>WATER YEAR 90</b>						23.22	22.42	20.95	20.64	20.56	21.02	21.38
Rdg	22.23	22.32	22.50			14	17	18	18	17	15	17
Day	16	13	13									

**T128 R33 S6** QQQ: AAA  
Obwell # 77033

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 147.0  
Years of Record: 6

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.4	3.5	3.6			3.9	2.8	2.7	3.0	3.5	3.6	3.5
High WL	1.8	2.0	2.2			2.2	1.7	1.4	1.9	2.0	2.1	2.0
Hi Yr	1986	1986	1986			1987	1986	1986	1986	1986	1986	1986
Low WL	5.1	5.1	5.2			5.4	4.1	3.3	3.9	4.6	5.3	5.1
Lo Yr	1988	1988	1988			1989	1990	1989	1989	1989	1989	1988
<b>WATER YEAR 90</b>						4.76	4.10	3.24	3.10	3.49	4.14	4.24
Rdg	4.69	4.54	4.90			14	17	18	19	17	15	17
Day	16	13	18									

Todd County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T129 R33 S5 QQQ: CDC**  
Obwell # 77009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.9	10.4	10.7	10.4	11.2	10.9	8.7	8.5	8.6	9.1	10.1	10.5
High WL	7.4	7.6	8.7	8.9	9.5	8.3	6.7	6.0	6.8	7.4	8.6	8.2
Hi Yr	1986	1984	1986	1980	1984	1983	1986	1986	1985	1986	1986	1986
Low WL	15.2	13.5	13.5	12.1	13.4	13.8	11.5	11.1	11.9	13.0	13.4	13.4
Lo Yr	1985	1988	1988	1979	1979	1989	1990	1988	1988	1988	1988	1988
<b>WATER YEAR 90</b>												
Rdg	11.58	11.96	12.31				12.07	11.54	10.07	8.66	9.15	10.39
Day	16	14	13				14	16	14	18	16	15

**T129 R33 S9 QQQ: CAA**  
Obwell # 77028

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	22.9	22.5	23.0	22.9	23.4	23.3	22.6	22.5	22.3	22.1	22.2	22.3
High WL	19.4	19.5	21.0	21.8	22.2	22.0	21.5	20.9	20.1	19.9	19.8	19.5
Hi Yr	1986	1986	1986	1980	1985	1987	1982	1986	1986	1986	1986	1986
Low WL	25.1	24.6	24.9	24.1	24.2	25.0	24.4	24.0	24.5	24.8	24.8	24.7
Lo Yr	1988	1987	1987	1982	1982	1990	1990	1988	1988	1988	1988	1988
<b>WATER YEAR 90</b>												
Rdg	23.91	24.27	24.59				24.97	24.41	23.91	23.33	22.64	22.81
Day	16	14	13				14	16	14	18	16	15

**T130 R33 S2 QQQ: AAA**  
Obwell # 77012

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.2	3.3	3.7	3.7	4.1	3.9	2.6	2.5	2.3	2.9	3.4	3.5
High WL	1.7	2.1	3.0	2.6	3.5	2.1	1.3	1.1	1.5	1.6	1.7	2.1
Hi Yr	1982	1984	1982	1983	1980	1983	1986	1986	1979	1979	1979	1986
Low WL	5.2	5.3	5.2	4.3	4.5	5.6	3.6	3.4	4.1	4.8	4.9	5.2
Lo Yr	1988	1988	1988	1979	1981	1989	1979	1988	1988	1988	1988	1988
<b>WATER YEAR 90</b>												
Rdg	3.84	3.96	4.20				4.11	3.58	2.59	1.72	3.00	3.97
Day	16	14	13				14	16	14	19	16	15

**T130 R33 S4 QQQ: DBD**  
Obwell # 77026

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 48.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.2	13.8	14.0		13.6	13.9	13.4	16.1	16.4	20.2	24.1	16.2
High WL	10.5	10.6	10.9		13.6	11.8	12.0	11.9	11.2	11.6	13.7	12.0
Hi Yr	1986	1986	1986		1981	1987	1987	1985	1985	1983	1983	1986
Low WL	17.5	16.8	16.8		13.6	15.5	15.5	25.1	25.4	30.4	31.6	26.1
Lo Yr	1988	1988	1988		1981	1990	1989	1982	1982	1989	1989	1990
<b>WATER YEAR 90</b>												
Rdg	16.54	15.76	15.56				15.53	15.44	14.72	13.86	25.19	27.84
Day	16	14	13				14	16	14	18	16	15

Todd County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T130 R33 S4 QQQ: BAB**  
Obwell # 77029

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 55.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.6	12.5	12.7	12.6	12.7	12.4	12.0	12.0	12.0	12.7	13.0	12.7
High WL	9.7	10.5	10.9	11.9	11.7	11.0	10.7	9.7	10.5	10.6	10.7	10.2
Hi Yr	1986	1986	1986	1985	1985	1980	1982	1986	1985	1986	1986	1986
Low WL	14.0	14.2	14.2	13.3	13.2	14.1	13.4	13.3	14.0	15.2	15.1	14.1
Lo Yr	1988	1988	1988	1982	1982	1989	1981	1988	1988	1988	1989	1988
<b>WATER YEAR 90</b>												
Rdg	13.37	13.70	13.87			13.49	13.32	12.64	12.30	12.72	13.74	13.19
Day	16	14	13			14	16	14	18	16	15	18

**T130 R33 S16 QQQ: BBA1**  
Obwell # 77027

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.0  
Years of Record: 10

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.6	13.6	13.7	13.5	13.7	13.7	13.1	13.1	13.1	13.5	13.7	13.8
High WL	11.9	12.2	12.5	13.0	13.2	12.4	12.0	11.8	12.2	12.2	12.2	11.9
Hi Yr	1986	1986	1986	1985	1985	1987	1986	1986	1986	1986	1986	1986
Low WL	15.6	15.5	15.6	14.0	14.1	15.6	14.5	14.1	14.8	15.7	15.7	15.8
Lo Yr	1988	1988	1988	1982	1981	1989	1990	1981	1988	1988	1989	1988
<b>WATER YEAR 90</b>												
Rdg	14.83	14.88	15.10			14.97	14.46	13.97	13.26	13.51	14.24	14.24
Day	16	14	13			14	16	14	18	16	15	18

**T130 R33 S17 QQQ: DBB**  
Obwell # 77008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.8	10.6	10.9	10.8	11.1	11.2	9.9	9.7	10.1	9.9	10.3	10.5
High WL	8.4	8.9	9.1	10.1	10.2	9.6	3.2	4.2	8.7	6.2	6.9	8.0
Hi Yr	1986	1986	1986	1985	1979	1987	1978	1978	1986	1978	1978	1978
Low WL	12.6	12.8	12.8	11.8	11.6	12.9	11.9	11.2	11.6	12.2	12.5	12.7
Lo Yr	1988	1988	1988	1982	1981	1989	1990	1988	1988	1988	1988	1988
<b>WATER YEAR 90</b>												
Rdg	11.85	12.06	12.33			12.66	11.91	10.96	10.52	10.39	10.94	11.30
Day	16	14	13			14	16	14	18	16	15	17

**T131 R32 S18 QQQ: BCC**  
Obwell # 77015

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.3	9.3	9.7	9.8	10.1	9.8	8.4	8.4	8.3	9.1	9.4	9.5
High WL	7.3	8.3	9.0	8.9	9.9	8.2	6.8	5.9	7.4	7.7	8.2	7.3
Hi Yr	1986	1986	1986	1982	1980	1983	1986	1986	1990	1983	1979	1986
Low WL	10.6	10.4	10.7	10.6	10.4	10.4	9.8	9.5	9.9	12.8	11.0	10.8
Lo Yr	1988	1988	1981	1985	1981	1989	1981	1987	1988	1982	1988	1988
<b>WATER YEAR 90</b>												
Rdg	9.20	9.19	9.42			9.45	8.28	7.74	7.35	8.21	9.50	9.76
Day	17	14	13			14	16	14	19	16	15	18

Todd County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T131 R33 S15 QQQ: CDD**  
Obwell # 77031

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.4	9.3	9.7	10.1	10.7	9.5	8.0	7.9	7.4	7.9	8.6	9.2
High WL	5.2	6.8	7.6	9.2	9.6	5.5	4.2	4.2	4.3	5.0	6.0	7.7
Hi Yr	1986	1986	1986	1985	1985	1983	1986	1986	1985	1983	1979	1986
Low WL	11.3	11.4	11.7	10.7	11.5	11.2	10.8	10.6	10.9	11.5	11.5	11.2
Lo Yr	1987	1989	1989	1984	1982	1988	1981	1981	1988	1988	1988	1989
<b>WATER YEAR 90</b>						<b>6.37</b>	<b>8.83</b>	<b>8.28</b>	<b>8.43</b>	<b>8.69</b>	<b>9.37</b>	<b>10.16</b>
Rdg	10.96	11.38	11.68			14	16	14	18	16	15	17
Day	16	14	13									

**T131 R34 S25 QQQ: CBC**  
Obwell # 77013

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.9	8.1	8.3	8.5	8.7	8.1	7.2	7.3	7.4	7.9	8.1	8.3
High WL	5.9	7.2	7.5	8.0	8.3	6.8	6.1	6.2	6.6	7.0	7.6	7.4
Hi Yr	1982	1984	1983	1983	1983	1983	1982	1986	1985	1983	1985	1986
Low WL	8.8	9.4	9.5	9.6	9.6	8.9	8.2	8.0	8.5	8.9	9.0	9.2
Lo Yr	1979	1978	1978	1979	1979	1980	1979	1988	1988	1988	1989	1978
<b>WATER YEAR 90</b>						<b>7.91</b>	<b>7.47</b>	<b>7.24</b>	<b>7.00</b>	<b>7.83</b>	<b>8.59</b>	<b>8.60</b>
Rdg	8.11	8.19	8.39			14	17	14	18	16	15	17
Day	17	14	13									

**T131 R35 S13 QQQ: DAA**  
Obwell # 77014

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.1	3.4	3.7	3.9	4.2	3.5	2.4	2.5	2.7	3.0	3.5	3.4
High WL	1.7	2.1	2.0	3.4	3.2	1.2	0.9	0.7	1.3	1.2	1.5	1.2
Hi Yr	1984	1984	1984	1980	1985	1983	1982	1986	1985	1979	1985	1986
Low WL	5.1	5.1	5.1	4.6	4.7	5.4	3.7	3.5	4.4	5.0	5.0	5.3
Lo Yr	1988	1988	1988	1982	1982	1989	1979	1981	1988	1988	1988	1988
<b>WATER YEAR 90</b>						<b>2.60</b>	<b>2.25</b>	<b>3.44</b>	<b>3.38</b>	<b>3.93</b>	<b>4.66</b>	<b>4.80</b>
Rdg	4.41	4.32	4.58			14	17	14	18	16	15	17
Day	17	14	13									

**T132 R32 S6 QQQ: CBA**  
Obwell # 77020

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.0  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.1	6.1	6.5	6.3	6.9	6.9	5.9	5.5	5.5	5.8	6.2	6.3
High WL	4.8	5.1	5.5	5.1	6.1	4.9	3.8	4.2	4.8	4.4	4.7	4.7
Hi Yr	1982	1982	1982	1983	1983	1983	1982	1986	1985	1978	1979	1986
Low WL	7.9	8.1	8.1	7.4	8.0	8.4	7.4	7.2	7.6	8.0	7.5	7.9
Lo Yr	1988	1988	1988	1979	1981	1989	1981	1988	1988	1988	1989	1988
<b>WATER YEAR 90</b>						<b>7.41</b>	<b>6.57</b>	<b>5.74</b>	<b>5.31</b>	<b>5.76</b>	<b>6.73</b>	<b>7.22</b>
Rdg	6.45	6.40	6.70			14	16	14	19	16	16	17
Day	17	14	13									

Todd County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T132 R32 S8 QQQ: CBC**  
Obwell # 77022

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 25.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.2	4.2	4.4	4.3	4.4	4.5	3.9	3.7	3.8	4.0	4.3	4.5
High WL	3.1	3.0	3.3	3.7	3.3	3.4	3.1	2.9	3.0	3.1	3.2	3.2
Hi Yr	1986	1982	1986	1984	1984	1984	1982	1986	1982	1983	1982	1986
Low WL	5.9	5.9	5.9	5.4	5.4	6.2	4.7	4.5	5.2	5.7	5.7	6.1
Lo Yr	1988	1988	1988	1979	1979	1989	1990	1988	1988	1988	1989	1988
<u>WATER YEAR 90</u>												
Rdg	4.94	4.75	5.07			4.94	4.68	4.08	3.95	4.13	4.94	5.32
Day	17	14	13			14	16	14	19	16	16	17

**T132 R33 S2 QQQ: DDD**  
Obwell # 77021

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 17.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.4	13.1	13.5	13.8	14.0	14.0	12.7	12.2	12.0	12.4	13.1	13.5
High WL	11.3	12.1	12.8	13.7	14.0	13.3	11.2	10.1	10.7	11.2	11.6	12.1
Hi Yr	1986	1981	1981	1982	1983	1983	1982	1986	1979	1983	1979	1986
Low WL	15.2	14.0	14.3	13.9	14.0	15.4	14.1	14.0	12.9	13.9	14.9	14.8
Lo Yr	1979	1989	1989	1983	1983	1990	1990	1981	1983	1989	1989	1990
<u>WATER YEAR 90</u>												
Rdg	13.84	13.97	14.33			15.37	14.13	12.65	12.05	12.52	13.80	14.79
Day	17	14	13			14	16	14	19	16	16	17

**T132 R33 S26 QQQ: DCC1**  
Obwell # 77016

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.8	10.0	10.3	10.4	10.6	10.9	10.3	9.9	9.6	9.3	9.3	9.6
High WL	7.1	7.7	8.3	9.8	10.1	9.5	9.5	8.4	7.8	7.6	7.3	7.3
Hi Yr	1986	1986	1986	1983	1983	1987	1987	1986	1986	1986	1986	1986
Low WL	11.9	12.1	12.2	11.2	11.2	12.3	11.3	11.1	11.3	11.5	11.6	11.7
Lo Yr	1988	1988	1988	1979	1979	1989	1990	1988	1988	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	11.51	11.73	11.91			11.81	11.31	10.65	10.33	10.06	10.24	10.52
Day	17	14	13			14	16	14	19	16	15	17

**T133 R32 S5 QQQ: ABC**  
Obwell # 77032

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	15.4	15.4	15.6	15.0	15.8	16.2	15.9	15.7	15.8	15.3	15.3	15.4
High WL	13.4	13.5	13.8	14.4	14.8	14.6	14.7	14.3	13.6	13.5	13.5	13.7
Hi Yr	1986	1986	1986	1983	1983	1987	1987	1986	1986	1986	1986	1986
Low WL	17.8	17.8	17.9	15.5	17.2	18.2	17.4	17.3	21.0	17.7	17.7	17.8
Lo Yr	1988	1988	1988	1985	1981	1989	1981	1981	1981	1988	1988	1988
<u>WATER YEAR 90</u>												
Rdg	16.32	16.29	16.51			16.81	16.60	16.42	16.15	15.92	15.97	17.18
Day	17	14	13			14	16	14	19	16	16	17

Todd County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

T133 R32 S14 QQQ: CCC  
Obwell # 77018Aquifer: QWTAQWTA  
Observer: SWCDDepth: 24.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.5	3.7	3.9	4.2	4.0	3.5	3.0	3.0	3.4	3.7	3.8	3.9
High WL	2.3	3.2	3.6	3.8	3.1	1.8	2.1	2.1	2.4	2.8	2.4	2.0
Hi Yr	1981	1989	1988	1984	1982	1990	1982	1985	1990	1978	1988	1986
Low WL	4.6	5.0	4.9	4.7	4.5	4.3	4.7	4.0	4.2	4.4	4.6	4.7
Lo Yr	1979	1978	1978	1979	1979	1979	1979	1980	1988	1988	1987	1978
WATER YEAR 90						1.83	2.27	2.68	2.43	3.26	4.26	4.40
Rdg	3.36	3.23	3.74			14	16	14	19	16	16	17
Day	17	14	13									

T133 R32 S19 QQQ: DCC  
Obwell # 77006Aquifer: QWTAQWTA  
Observer: SWCDDepth: 50.0  
Years of Record: 6

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.5	5.5	5.8			5.8	4.5	4.4	4.8	5.5	5.7	5.8
High WL	4.2	4.5	4.8			5.4	4.0	3.7	4.2	4.8	4.6	3.9
Hi Yr	1986	1986	1986			1987	1986	1986	1990	1986	1985	1986
Low WL	6.6	6.4	6.5			6.3	5.0	5.3	6.1	6.8	6.7	7.0
Lo Yr	1987	1987	1989			1988	1988	1988	1988	1988	1987	1987
WATER YEAR 90						5.88	4.85	4.34	4.15	4.78	6.08	6.64
Rdg	5.69	5.46	6.53			14	16	14	19	16	16	17
Day	17	14	13									

T133 R32 S20 QQQ: DCD  
Obwell # 77019Aquifer: QWTAQWTA  
Observer: SWCDDepth: 12.0  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.1	4.6	5.0	5.1	5.8	5.5	4.2	3.9	3.8	4.1	4.5	4.8
High WL	0.4	3.0	3.8	3.6	4.5	3.3	2.2	2.0	2.7	2.5	3.1	2.4
Hi Yr	1985	1982	1981	1983	1982	1983	1982	1986	1982	1982	1981	1986
Low WL	6.1	7.0	7.3	7.7	7.7	7.4	6.6	5.5	5.9	6.3	5.8	6.3
Lo Yr	1979	1978	1978	1979	1979	1979	1979	1988	1988	1988	1989	1978
WATER YEAR 90						5.79	4.94	4.43	3.49	4.06	5.28	5.94
Rdg	5.13	5.24	5.56			14	16	14	19	16	16	17
Day	17	14	13									

T133 R35 S2 QQQ: CAC1  
Obwell # 77000Aquifer: QWTAQWTA  
Observer: SWCDDepth: 28.0  
Years of Record: 27

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.7	7.7	8.0	8.2	8.4	8.1	7.9	7.3	7.2	7.2	7.1	7.7
High WL	5.2	5.6	5.2	6.2	6.8	2.1	5.2	4.6	4.4	4.4	4.1	4.7
Hi Yr	1986	1986	1985	1973	1973	1990	1972	1966	1985	1985	1972	1985
Low WL	10.4	10.7	10.9	11.1	11.2	10.8	11.2	10.9	10.6	10.0	10.2	10.5
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
WATER YEAR 90						2.13	9.70	9.68	8.97	8.52	8.49	8.93
Rdg	8.50	8.96	9.30			14	17	14	18	16	15	17
Day	17	14	13									

Todd County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T133 R35 S7 QQQ: CCC1**  
**Obwell # 77001**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 14.5  
 Years of Record: 25

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	2.6	2.2	2.5	3.1	3.2	2.9	1.3	1.4	1.5	2.6	3.1	3.1
High WL	1.0	-0.1	0.7	2.1	1.7	0.9	0.2		0.3	0.3	-0.1	0.8
Hi Yr	1972	1971	1971	1970	1969	1983	1967	1972	1974	1968	1972	1972
Low WL	4.1	4.0	4.0	4.3	4.6	4.5	3.0	2.9	3.9	8.0	6.1	5.3
Lo Yr	1988	1988	1978	1979	1968	1979	1981	1981	1988	1985	1977	1977
<u>WATER YEAR 90</u>						2.46	2.40	2.50	1.72	2.15	4.09	4.17
Rdg	3.26	3.13	3.43			14	17	14	18	16	15	17
Day	17	14	13									

Traverse County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T129 R47 S25 QQQ: CDC1**  
**Obwell # 78000**Aquifer: QWTAQWTA  
Observer: USGSDepth: 39.0  
Years of Record: 26

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.7	10.5	10.1	10.7	10.5	10.6	9.3	9.6	9.2	9.5	9.3	16.5
High WL	8.0	9.2	7.4	9.6	8.5	8.1	7.1	7.5	7.0	7.1		5.4
Hi Yr	1984	1985	1986	1985	1987	1987	1989	1989	1986	1978	1980	1986
Low WL	12.4	12.0	12.4	12.2	12.1	12.0	11.6	11.3	11.4	12.1	12.2	99.0
Lo Yr	1974	1981	1983	1982	1984	1983	1977	1974	1982	1983	1983	1980
<u>WATER YEAR 90</u>												
Rdg	10.49	10.68		11.13		11.17		10.65				11.45
Day	6	13		4		22		18				27

## SUMMARY FOR 1990 WATER YEAR

**T111 R12 S4 QQQ: BBD1**  
**Obwell # 79000**

Aquifer: CMTSCMTS  
 Observer: USGS

Depth: 430.0  
 Years of Record: 17

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.0	9.9	10.0	10.4	10.7	10.4	8.1	7.4	9.0	8.8	10.1	10.1
High WL	4.9	7.6	8.1	8.9	9.8	7.6	3.7	3.6	6.3	4.9	7.9	8.6
Hi Yr	1986	1986	1982	1984	1987	1984	1986	1975	1986	1984	1986	1979
Low WL	11.3	11.2	11.2	11.3	11.4	11.2	10.9	10.7	10.9	11.1	11.4	11.3
Lo Yr	1974	1976	1976	1977	1977	1990	1975	1977	1977	1976	1976	1988
<u>WATER YEAR 90</u>												
Rdg	22.30	11.05	10.79	11.12	11.11	11.22	10.24	9.12	9.82	8.02	9.62	10.52
Day	11	6	4	2	5	5	2	7	4	2	5	4

Wadena County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

T R S QQQ:  
Obwell # 80034Aquifer:  
Observer:Depth:  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave		25.0	24.9			24.7	25.0	25.3	25.5	25.4	24.8	24.6
High WL		25.0	24.9			24.7	25.0	25.3	25.5	25.4	24.8	24.7
Hi Yr		1989	1989			1990	1990	1990	1990	1990	1990	1990
Low WL		25.0	24.9			24.7	25.0	25.3	25.5	25.4	24.8	24.7
Lo Yr		1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>						24.72	25.02	25.30	25.45	25.35	24.75	24.65
Rdg		25.01	24.92			21	19	25	18	24	28	25
Day		18	19									

T R S QQQ:  
Obwell # 80035Aquifer:  
Observer:Depth:  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave		5.2	5.6			5.2	4.5	4.1	3.6	4.3	5.6	6.0
High WL		5.2	5.6			5.2	4.5	4.1	3.6	4.4	5.6	6.0
Hi Yr		1989	1989			1990	1990	1990	1990	1990	1990	1990
Low WL		5.2	5.6			5.2	4.5	4.1	3.6	4.4	5.6	6.0
Lo Yr		1989	1989			1990	1990	1990	1990	1990	1990	1990
<u>WATER YEAR 90</u>						5.24	4.54	4.12	3.58	4.35	5.57	6.00
Rdg		5.19	5.64			21	19	25	18	24	28	25
Day		18	19									

T134 R34 S12 QQQ: BAD1  
Obwell # 80001Aquifer: QWTAQWTA  
Observer: SWCDDepth: 25.0  
Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.2	4.7	4.8	5.1	5.4	5.3	4.4	3.7	3.6	5.3	5.8	5.1
High WL	2.9	3.3	3.3	3.9	4.2	3.4	2.2	1.9	2.2	2.3	3.1	3.4
Hi Yr	1982	1982	1979	1972	1969	1972	1969	1972	1983	1983	1979	1972
Low WL	7.8	8.1	8.2	8.3	8.4	8.5	8.1	7.5	7.2	14.5	11.1	7.6
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1972	1967	1976
<u>WATER YEAR 90</u>		6.36					5.84					
Rdg		13					19					
Day												

T134 R34 S19 QQQ: ADD1  
Obwell # 80002Aquifer: QWTAQWTA  
Observer: USGSDepth: 37.0  
Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.3	12.0	12.2	12.6	12.9	13.1	12.6	11.8	11.6	11.6	11.8	11.9
High WL	10.4	9.7	10.2	10.7	11.2	11.5	10.8	9.2	9.3	10.0	9.6	9.4
Hi Yr	1966	1986	1986	1987	1987	1987	1972	1986	1986	1972	1985	1986
Low WL	14.5	14.6	14.8	14.9	15.1	15.3	15.1	14.8	14.7	14.3	14.2	14.3
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 90</u>		13.33			13.91	14.00	14.19	13.69	13.65		12.88	13.21
Rdg		25			18	2	1	3	7		3	8
Day												

Wadena County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T134 R34 S27 QQQ: DAA**  
Obwell # 80003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.8  
Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.1	2.7	3.1	3.3	3.5	3.6	1.9	1.7	1.7	2.3	2.9	3.2
High WL	0.8	0.2	0.8	1.6	2.4	1.0	0.1	0.1	0.2	0.3	0.6	0.4
Hi Yr	1982	1971	1971	1972	1972	1972	1969	1979	1983	1968	1972	1986
Low WL	5.1	5.2	5.3	5.4	5.5	5.2	4.7	4.3	4.6	5.1	4.5	4.9
Lo Yr	1976	1976	1976	1977	1977	1989	1977	1988	1988	1988	1988	1976
<u>WATER YEAR 90</u>												
Rdg	4.53	4.62	4.82			4.51	3.86	3.24	2.58	2.97	4.09	4.49
Day	13	18	19			21	19	25	18	24	28	25

**T134 R35 S9 QQQ: DBC**  
Obwell # 80005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 29.8  
Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.1	8.0	8.2	8.1	8.4	8.6	7.9	7.5	7.4	7.4	7.8	8.1
High WL	3.1	3.4	3.7	3.3	3.7	3.3	3.3	3.9	2.8	3.3	2.8	2.6
Hi Yr	1980	1980	1980	1980	1980	1980	1980	1980	1980	1980	1980	1980
Low WL	10.4	10.6	10.7	10.8	11.0	10.9	10.6	10.0	10.0	10.1	9.8	10.3
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1988	1988	1976
<u>WATER YEAR 90</u>												
Rdg	9.07	9.19	9.27			8.82	9.06	8.82	8.43	8.76	9.75	9.80
Day	13	18	19			21	19	25	18	24	28	25

**T135 R33 S3 QQQ: ACB**  
Obwell # 80023

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 9.5  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.5	4.4	4.6	4.7	4.9	4.7	3.8	3.8	3.9	4.2	4.7	4.7
High WL	3.2	3.2	3.4	3.9	4.0	3.5	2.9	2.5	2.9	3.0	3.0	2.6
Hi Yr	1985	1986	1985	1980	1980	1986	1982	1986	1983	1979	1985	1986
Low WL	6.6	6.7	6.9	7.0	7.1	6.5	6.3	5.9	5.5	5.8	6.0	6.4
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1988	1976	1976
<u>WATER YEAR 90</u>												
Rdg	5.13	5.15	5.51			4.86	4.64	4.52	4.13	4.90	5.55	5.97
Day	13	18	19			21	19	25	18	24	28	25

**T135 R33 S5 QQQ: CBC**  
Obwell # 80021

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.0	4.7	5.0	5.3	5.5	5.1	3.8	4.0	4.2	4.5	4.9	5.1
High WL	3.5	3.8	4.1	4.5	4.7	4.1	0.1	2.5	3.2	3.0	3.3	2.9
Hi Yr	1986	1986	1986	1983	1980	1983	1975	1986	1985	1979	1985	1986
Low WL	7.1	5.7	7.3	7.5	7.6	6.9	6.0	6.0	5.8	6.1	6.1	6.8
Lo Yr	1976	1975	1976	1977	1977	1977	1977	1977	1977	1988	1976	1976
<u>WATER YEAR 90</u>												
Rdg	5.29	5.38	5.62			5.04	4.59	4.65	4.22	4.95	5.70	6.11
Day	13	18	19			21	19	25	18	24	28	25

## SUMMARY FOR 1990 WATER YEAR

**T135 R33 S14 QQQ: ADD1**  
Obwell # 80024

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.5	13.5	13.5	13.7	13.6	13.3	12.8	12.4	12.6	12.6	13.0	13.4
High WL	11.9	12.3	12.2	12.7	12.9	12.5	11.5	10.6	10.9	10.7	11.2	11.5
Hi Yr	1985	1985	1985	1978	1978	1986	1986	1986	1982	1979	1985	1985
Low WL	15.0	15.2	15.1	14.8	14.7	14.4	14.2	14.1	14.1	14.2	14.5	14.8
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1976	1976	1976
<b>WATER YEAR 90</b>												
Rdg	13.14	13.29	13.33				12.72	12.23	12.59	12.62	12.92	13.37
Day	13	18	19				21	19	25	18	24	28
												13.59
												25

**T135 R34 S16 QQQ: DAC**  
Obwell # 80006

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 54.0  
Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.5	3.3	3.7	4.4	4.7	4.5	3.5	2.7	3.0	3.9	5.4	3.6
High WL	1.0		0.9	1.8	1.5	2.1	0.4	0.8		0.2	0.6	0.8
Hi Yr	1986	1973	1973	1974	1974	1972	1972	1969	1968	1968	1972	1972
Low WL	8.2	8.3	8.5	8.8	9.0	8.5	8.5	8.5	14.4	13.4	12.5	8.2
Lo Yr	1980	1980	1980	1981	1981	1980	1980	1980	1977	1977	1978	1980
<b>WATER YEAR 90</b>								4.13				
Rdg	4.17							19				
Day	13											

**T136 R33 S19 QQQ: BCB**  
Obwell # 80027

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.9	4.6	4.9	5.4	5.7	5.4	3.9	3.5	3.8	4.1	4.9	5.1
High WL	3.1	2.3	3.5	4.2	4.9	4.1	2.3	1.6	2.4	2.8	2.5	2.5
Hi Yr	1985	1986	1986	1978	1978	1986	1986	1985	1985	1983	1985	1986
Low WL	7.4	7.6	7.7	7.9	7.9	7.8	7.1	6.0	5.6	6.1	6.6	7.1
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1976	1988	1976	1976
<b>WATER YEAR 90</b>												
Rdg	5.00	5.07	5.42				5.20	4.20	4.08	3.35	4.40	5.41
Day	13	18	19				21	19	25	18	24	28
												5.82
												25

**T136 R33 S36 QQQ: BCB**  
Obwell # 80028

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 19.8  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.7	12.8	12.9	13.1	13.3	13.3	13.0	12.3	12.3	12.3	12.6	12.8
High WL	11.3	11.3	11.6	12.2	12.3	12.4	11.7	10.7	10.7	10.4	10.6	11.2
Hi Yr	1986	1986	1986	1978	1978	1986	1986	1986	1986	1979	1979	1979
Low WL	14.8	14.9	15.0	15.1	15.3	15.1	15.1	14.8	14.0	13.9	14.2	14.5
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1976	1976	1976
<b>WATER YEAR 90</b>												
Rdg	12.35	13.02	13.26				13.06	12.89	12.51	12.38	12.52	12.91
Day	13	18	19				21	19	25	18	24	28
												13.12
												25

## SUMMARY FOR 1990 WATER YEAR

T137 R33 S29 QQQ: DAA1  
Obwell # 80029

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 70.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	40.1	40.0	40.1	40.3	40.4	40.2	39.8	39.6	39.7	39.9	40.2	40.3
High WL	38.7	38.8	38.9	39.5	39.8	39.5	39.1	38.6	38.7	38.6	38.4	38.5
Hi Yr	1985	1977	1977	1978	1975	1986	1979	1986	1985	1985	1985	1985
Low WL	42.2	42.2	42.2	42.1	42.2	41.4	41.2	40.9	41.0	41.7	41.7	42.1
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1988	1988	1976	1976
<u>WATER YEAR 90</u>						39.66	39.79	39.96	39.66	40.20	40.95	41.08
Rdg	40.28	40.26	40.41			21	19	25	18	24	28	25
Day	13	18	19									

T137 R34 S7 QQQ: DDD1  
Obwell # 80030

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 9.7  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.1	2.9	3.2	3.6	3.8	3.6	2.0	2.2	2.3	2.9	3.4	3.4
High WL	1.6	1.6	1.9	2.6	3.1	2.3	0.2	0.8	1.4	1.6	1.7	1.5
Hi Yr	1982	1977	1977	1978	1978	1986	1979	1982	1983	1978	1985	1986
Low WL	5.4	5.5	5.4	5.6	5.5	4.4	3.9	3.6	4.1	4.9	4.8	5.2
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1988	1988	1976	1976
<u>WATER YEAR 90</u>						2.52	2.53	2.78	2.49	3.65	4.46	4.55
Rdg	3.32	3.46	3.91			21	19	25	18	24	28	25
Day	13	18	19									

T137 R34 S35 QQQ: CDC  
Obwell # 80022

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.6	3.6	4.0	4.4	4.5	4.2	2.6	2.9	3.0	3.3	3.8	3.7
High WL	2.0	2.2	2.7	3.6	4.0	2.8	1.1	1.5	2.0	2.0	1.9	1.2
Hi Yr	1982	1977	1977	1978	1978	1990	1979	1985	1985	1983	1985	1986
Low WL	5.6	5.6	5.7	5.9	6.1	6.2	4.6	4.6	4.6	5.1	5.1	5.4
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1976	1988	1976	1976
<u>WATER YEAR 90</u>						2.77	2.82	3.36	2.55	3.36	3.95	4.41
Rdg	3.63	3.92	4.36			21	19	25	18	24	28	25
Day	13	18	19									

T138 R33 S6 QQQ: DDD  
Obwell # 80031

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.5  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	22.0	22.1	22.3	22.6	22.7	22.6	22.6	22.3	22.0	22.2	22.1	22.2
High WL	19.8	19.7	20.0	21.5	21.8	20.7	20.5	20.1	19.7	19.8	20.0	20.1
Hi Yr	1985	1985	1985	1980	1980	1986	1986	1986	1986	1986	1986	1985
Low WL	23.8	23.8	23.9	24.0	24.1	24.2	24.2	24.2	23.4	23.9	23.9	24.0
Lo Yr	1977	1988	1988	1977	1977	1977	1977	1977	1990	1977	1977	1977
<u>WATER YEAR 90</u>						23.36	23.54	23.49	23.43	23.37	23.50	23.63
Rdg	23.35	23.54	23.64			21	19	25	18	24	28	25
Day	13	18	19									

## SUMMARY FOR 1990 WATER YEAR

**T138 R34 S15 QQQ: CCC**  
**Obwell # 80032**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 14.5  
 Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.8	7.8	8.0	8.2	8.4	8.5	7.8	7.1	7.1	7.3	7.7	7.9
High WL	6.0	6.2	6.5	7.7	7.9	7.1	5.8	4.9	5.6	5.4	6.1	5.5
Hi Yr	1985	1986	1986	1980	1980	1987	1986	1986	1986	1975	1985	1985
Low WL	9.3	9.5	9.9	10.0	10.2	10.3	10.1	9.3	8.9	8.8	9.2	9.5
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1990	1990	1990
<b>WATER YEAR 90</b>						9.34	8.84	8.37	8.32	8.77	9.24	9.51
Rdg	8.57	8.87	9.08			21	19	25	18	24	28	25
Day	13	18	19									

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## SUMMARY FOR 1990 WATER YEAR

**T27 R20 S2 QQQ: BCC2**  
Obwell # 82014

Aquifer: CIGLCIGL  
Observer: USGS

Depth: 385.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	-27.6	-28.7		-23.8	-28.6	-24.9	-33.9	-28.3	-8.3	-34.5	-22.4	-30.1
High WL	-35.8	-34.9		-23.8	-28.6	-34.9	-35.2	-36.5	-34.2	-35.8	-33.7	-35.3
Hi Yr	1986	1987		1985	1987	1988	1987	1989	1984	1987	1985	1987
Low WL				-23.8	-28.6	-32.1			35.3	-32.6		
Lo Yr	1983	1983		1985	1987	1980	1984	1980	1987	1985	1980	1983
<u>WATER YEAR 90</u>											-34.16	
Rdg		-32.55									20	
Day		14										

**T27 R20 S2 QQQ: BCC3**  
Obwell # 82015

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 535.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	-8.7	-8.9		-16.5	-9.4	-7.0	-9.9	-8.4	-7.1	-7.9	-5.6	-8.0
High WL	-14.5	-17.9		-17.9	-9.4	-10.5	-11.5	-12.4	-12.1	-10.3	-10.3	-14.5
Hi Yr	1981	1980		1980	1987	1988	1984	1984	1984	1986	1984	1981
Low WL				-15.1	-9.4	-8.5			-4.9			
Lo Yr	1983	1983		1981	1987	1980	1985	1980	1980	1990	1980	1983
<u>WATER YEAR 90</u>											-4.90	
Rdg		-3.40									20	
Day		14										

**T27 R21 S28 QQQ: BCC1**  
Obwell # 82016

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 345.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	66.9	71.4	65.3	69.6	68.2	69.4	66.1	70.7	66.3	69.9	72.1	69.1
High WL	60.3	67.6	62.3	63.9	62.0	63.6	65.2	66.3	65.9	63.5	67.3	62.6
Hi Yr	1986	1980	1979	1980	1987	1987	1980	1987	1984	1983	1980	1986
Low WL	72.7	75.9	68.3	76.0	74.3	74.3	67.3	75.3	66.7	79.1	76.9	76.5
Lo Yr	1989	1988	1980	1989	1990	1989	1984	1989	1980	1988	1989	1988
<u>WATER YEAR 90</u>	72.73			73.20	74.29			74.09		69.72		67.92
Rdg	30			5	27			2		18		13

**T28 R20 S11 QQQ: CAA1**  
Obwell # 82011

Aquifer: CFRNCFRN  
Observer: USGS

Depth: 94.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	36.5	37.4		37.9	38.1	37.9	36.9	34.1	35.3	35.7	36.5	37.1
High WL	32.9	35.0		36.9	37.7	36.3	34.1	31.3	31.5	32.3	35.3	34.8
Hi Yr	1986	1985		1983	1987	1984	1985	1986	1984	1986	1979	1986
Low WL	38.5	38.4		38.8	38.3	38.7	38.3	38.0	37.9	38.5	37.7	38.7
Lo Yr	1988	1989		1990	1979	1982	1990	1988	1987	1988	1980	1988
<u>WATER YEAR 90</u>		38.43		38.79		38.40	38.30			35.64		37.50
Rdg		14		16		19	30			20		12

Washington County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

T29 R21 S6 QQQ: CAD1  
Obwell # 82005Aquifer: OSTPOSTP  
Observer: USGSDepth: 210.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	75.1	75.4	75.3	75.0	74.1	74.9	74.6	74.9	74.7	75.7	76.0	75.5
High WL	71.4	73.1	74.1	72.5	71.1	73.0	71.2	72.7	72.1	73.5	73.7	72.3
Hi Yr	1986	1985	1980	1986	1987	1988	1987	1986	1987	1985	1987	1986
Low WL	77.2	77.7	76.6	77.4	75.9	77.4	77.6	76.7	77.0	78.3	77.2	78.4
Lo Yr	1977	1989	1977	1990	1977	1990	1990	1978	1978	1990	1977	1990
WATER YEAR 90												
Rdg		77.65		77.44		77.39	77.64			78.26		78.40
Day		14		16		13	30			20		12

T29 R21 S10 QQQ: CCC1  
Obwell # 82028Aquifer: CJDNCJDN  
Observer: USGSDepth: 348.0  
Years of Record: 14

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	36.1	39.5		39.2	39.4	39.8	38.0	39.3	36.3	39.5	38.4	39.3
High WL	31.9	34.8		34.8	32.3	35.7	32.9	34.5	33.3	34.8	35.2	32.9
Hi Yr	1986	1985		1986	1987	1986	1987	1986	1986	1987	1987	1986
Low WL	40.2	43.2		43.5	45.5	44.4	44.3	42.0	41.2	43.9	40.2	45.7
Lo Yr	1988	1989		1990	1978	1990	1990	1989	1981	1990	1988	1977
WATER YEAR 90												
Rdg		43.19		43.52		44.41	44.34			43.93		43.89
Day		14		16		19	30			20		12

T30 R20 S3 QQQ: CAD1  
Obwell # 82022Aquifer: CIGLCIGL  
Observer: DNRDepth: 360.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	132.1	133.6	131.1	132.3	134.2	131.8	131.9	132.1	132.7	132.3	132.1	134.3
High WL	126.5	129.1	125.3	126.3	129.4	126.8	126.9	126.6	128.8	127.0	126.5	128.7
Hi Yr	1984	1983	1986	1985	1984	1984	1987	1985	1984	1987	1985	1983
Low WL	138.3	138.4	138.4	138.4	137.7	137.8	137.7	137.7	137.4	137.0	136.9	139.2
Lo Yr	1980	1980	1980	1981	1981	1981	1981	1981	1981	1981	1981	1980
WATER YEAR 90												
Rdg	133.70	134.64	134.61			135.20	136.13		136.27	136.66	136.53	136.83
Day	20	29	28			2	30		7	10	7	10

T30 R20 S3 QQQ: CAD2  
Obwell # 82023Aquifer: QBAAQBAA  
Observer: DNRDepth: 252.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	130.6	132.2	130.0	131.1	132.4	130.4	130.6	130.8	131.3	130.9	130.7	132.7
High WL	124.9	127.5	124.8	125.2	127.3	125.4	125.4	125.0	127.3	125.4	125.0	128.0
Hi Yr	1984	1983	1984	1985	1984	1987	1987	1985	1984	1987	1985	1983
Low WL	137.5	137.6	137.8	137.5	136.8	136.9	136.7	136.8	136.5	136.0	135.9	137.6
Lo Yr	1980	1980	1980	1981	1981	1981	1981	1981	1981	1981	1981	1980
WATER YEAR 90												
Rdg	132.49	133.10	133.34			133.94	134.92		135.10	135.38	135.28	135.62
Day	20	29	28			2	30		7	10	7	10

Washington County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T30 R20 S3 QQQ: CAD3**  
Obwell # 82024

Aquifer: QBAAQBAA  
Observer: DNR

Depth: 130.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	101.2	102.4	100.1	101.7	102.9	100.2	99.8	100.6	101.3	100.8	99.9	101.2
High WL	96.0	100.2	95.1	97.1	100.2	95.1	95.1	96.5	97.0	96.4	96.6	97.7
Hi Yr	1987	1989	1986	1985	1984	1987	1987	1985	1988	1987	1985	1988
Low WL	106.2	106.2	106.1	106.1	105.4	105.6	105.3	105.4	105.3	104.9	104.9	104.9
Lo Yr	1980	1980	1980	1981	1981	1981	1981	1981	1981	1981	1981	1981
<b>WATER YEAR 90</b>												
Rdg	99.61	100.16	100.29			100.67	101.13		101.30	101.53	101.41	101.67
Day	20	29	28			2	30		7	10	7	10

**T31 R20 S7 QQQ: AAA**  
Obwell # 82035

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 114.0  
Years of Record: 7

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	40.6	40.4	40.6		39.3	41.3	41.0	40.7	40.9	40.8	40.8	40.8
High WL	38.2	37.9	38.1		39.3	39.1	39.0	39.5	39.2	38.1	37.9	37.6
Hi Yr	1984	1984	1984		1987	1987	1985	1985	1986	1984	1984	1984
Low WL	43.4	43.5	43.5		39.3	43.8	43.8	42.8	43.0	43.7	43.6	43.4
Lo Yr	1989	1989	1989		1987	1990	1990	1989	1989	1990	1990	1990
<b>WATER YEAR 90</b>												
Rdg	43.36	43.47	43.48			43.83	43.82		42.25	43.66	43.63	43.36
Day	20	29	28			2	30		7	10	7	10

**T31 R20 S7 QQQ: AAA**  
Obwell # 82037

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 7

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	18.9	19.1	19.5		17.0	21.2	20.5	19.6	20.0	19.1	18.9	19.0
High WL	15.6	15.9	16.5		17.0	18.3	18.0	16.4	16.3	15.8	15.8	16.1
Hi Yr	1986	1986	1986		1987	1987	1986	1986	1986	1986	1986	1986
Low WL	21.3	21.9	22.3		17.0	23.0	23.2	22.1	22.5	22.0	21.4	21.2
Lo Yr	1989	1989	1989		1987	1990	1990	1988	1990	1988	1989	1989
<b>WATER YEAR 90</b>												
Rdg	21.28	21.86	22.28			23.00	23.18		22.49	20.13	19.95	19.87
Day	20	29	28			2	30		7	10	7	10

**T31 R20 S18 QQQ: AAA**  
Obwell # 82033

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 106.0  
Years of Record: 7

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.3	24.2	24.3		23.2	25.1	24.7	24.3	24.7	24.4	24.5	24.6
High WL	22.3	21.9	22.2		23.2	23.4	22.9	23.0	22.9	22.0	22.0	22.0
Hi Yr	1984	1984	1984		1987	1987	1985	1986	1986	1984	1984	1984
Low WL	26.7	26.9	27.0		23.2	27.2	27.0	26.2	26.8	26.7	26.6	26.7
Lo Yr	1989	1989	1989		1987	1990	1990	1989	1990	1990	1989	1990
<b>WATER YEAR 90</b>												
Rdg	26.72	26.93	27.00			27.24	27.01		26.79	26.73	26.63	26.72
Day	20	29	28			2	30		7	10	7	10

Washington County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T31 R21 S27 QQQ: ABB**  
Obwell # 82032

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 145.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	56.6	56.6	56.6		54.0	57.4	58.7	56.5	57.8	57.2	57.2	57.3
High WL	52.8	52.7	53.0		54.0	53.8	54.8	54.4	53.6	53.5	53.4	53.3
Hi Yr	1986	1986	1986		1987	1987	1987	1986	1986	1986	1986	1986
Low WL	60.9	61.4	61.5		54.0	61.9	62.0	60.1	61.6	61.4	61.3	61.2
Lo Yr	1989	1989	1989		1987	1990	1990	1989	1990	1990	1990	1990
<u>WATER YEAR 90</u>												
Rdg	60.94	61.40	61.45			61.87	61.96		61.60	61.43	61.26	61.23
Day	20	29	28			2	30		7	10	7	10

**T31 R21 S28 QQQ: ABD1**  
Obwell # 82029

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 142.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.8	10.4	11.1	11.1	10.8	10.5	11.7	10.3	10.9	10.3	12.1	11.1
High WL	7.6	8.7	11.1	8.9	8.7	8.7	11.0	7.9	11.0	8.1	10.3	8.3
Hi Yr	1986	1984	1980	1985	1987	1987	1980	1986	1980	1986	1987	1986
Low WL	13.8	12.7	11.1	14.2	12.8	14.2	12.5	13.8	11.0	13.1	13.7	13.7
Lo Yr	1989	1988	1980	1990	1978	1990	1989	1990	1980	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	13.84			14.16		14.17		13.76		13.09		12.87
Day	31			16		13		15		26		21

**T32 R20 S30 QQQ: BCD1**  
Obwell # 82030

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 260.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	54.3	53.7		53.3	52.6	53.7	56.6	54.0	53.3	53.5		54.2
High WL	51.6	52.1		50.0	52.6	52.1	56.6	52.5	53.3	52.0		51.7
Hi Yr	1986	1984		1985	1987	1985	1989	1985	1987	1986		1986
Low WL	56.9	56.9		56.6	52.6	57.4	56.6	57.5	53.3	57.5		58.5
Lo Yr	1989	1988		1989	1987	1990	1989	1990	1987	1988		1988
<u>WATER YEAR 90</u>						57.37		57.45				
Rdg	56.94					13		15				56.92
Day	31											21

**T32 R20 S34 QQQ: BDB**  
Obwell # 82031

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 125.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.8	11.9	11.9		9.7	12.6	12.5	11.8	12.7	12.9	12.5	12.4
High WL	9.2	9.0	9.2		9.7	9.6	9.3	9.6	9.6	9.5	9.4	9.1
Hi Yr	1986	1986	1986		1987	1987	1985	1985	1985	1986	1986	1984
Low WL	16.0	16.5	16.6		9.7	17.0	17.5	15.7	17.5	17.5	17.4	17.4
Lo Yr	1989	1989	1989		1987	1990	1990	1989	1990	1990	1990	1990
<u>WATER YEAR 90</u>						16.97	17.48		17.46	17.49	17.38	17.40
Rdg	16.03	16.51	16.58		2		30		7	10	7	10
Day	20	29	28									

Washington County

DNR Region 6

## SUMMARY FOR 1990 WATER YEAR

**T32 R21 S36 QQQ: CDD**  
**Obwell # 82034**

Aquifer: OPDCOPDC  
 Observer: SWCD

Depth: 78.0  
 Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.6	27.7	27.8		26.4	29.0	28.2	27.3	28.0	27.7	27.9	28.0
High WL	24.8	24.8	25.3		26.4	26.3	25.5	24.3	24.7	24.2	24.8	25.1
Hi Yr	1986	1986	1986		1987	1987	1986	1986	1986	1984	1984	1984
Low WL	30.5	31.1	31.3		26.4	31.5	31.8	30.4	31.3	30.8	30.5	30.6
Lo Yr	1989	1989	1989		1987	1990	1990	1989	1990	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	30.54	31.11	31.25			31.50	31.75		31.26	30.76	30.39	30.47
Day	20	29	28			2	30		7	10	7	10

**T32 R21 S36 QQQ: CDD**  
**Obwell # 82036**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 27.0  
 Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	28.0	28.0	28.0		26.9	29.3	28.9	27.7	28.5	28.1	28.4	28.4
High WL	25.2	25.1	25.1		26.9	26.7	26.1	24.5	24.5	24.5	25.2	25.4
Hi Yr	1986	1986	1984		1987	1987	1985	1986	1986	1984	1984	1984
Low WL	31.1	31.8	31.9		26.9	32.2	32.4	31.0	32.0	31.4	31.1	31.2
Lo Yr	1989	1989	1989		1987	1990	1990	1989	1990	1990	1989	1989
<u>WATER YEAR 90</u>												
Rdg	31.06	31.76	31.85			32.18	32.39		31.96	31.35	31.06	31.10
Day	20	29	28			2	30		7	10	7	10

Watonwan County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T105 R32 S28 QQQ: ABBA**  
Obwell # 83015

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 124.3  
Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	46.0	46.0	50.0			50.5	59.1	52.3	49.8	40.8	38.5	47.8
High WL	30.5	37.5	38.5			30.5	50.8	45.7	40.5	35.5	35.5	47.4
Hi Yr	1989	1989	1989			1990	1990	1990	1989	1989	1989	1989
Low WL	61.4	54.4	61.5			70.5	67.3	59.0	59.8	46.2	41.6	48.3
Lo Yr	1988	1988	1988			1989	1989	1989	1988	1990	1990	1990
<b>WATER YEAR 90</b>						30.50	50.80	45.70	49.10	46.20	41.60	48.30
Rdg	30.50	37.50	38.50			12	17	22	1	3	7	13
Day	11	20	20									

**T106 R31 S19 QQQ: DDB**  
Obwell # 83013

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 295.0  
Years of Record: 7

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	34.1	33.4	41.7			34.6	35.3		31.2	29.1	37.3	37.5
High WL	31.1	33.4	41.7			33.1	32.3		31.2	29.1	37.3	37.5
Hi Yr	1985	1984	1984			1984	1986		1984	1984	1984	1984
Low WL	38.7	33.4	41.7			36.0	38.9		31.2	29.1	37.3	37.5
Lo Yr	1989	1984	1984			1985	1985		1984	1984	1984	1984
<b>WATER YEAR 90</b>							37.80					
Rdg	38.70						17					
Day	11											

**T106 R32 S1 QQQ: DDB1**  
Obwell # 83000

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 22.0  
Years of Record: 26

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.6	9.6	9.9	10.0	9.0	10.7	9.3	9.3	9.5	9.5	9.5	10.0
High WL	6.3	4.9	5.0	5.3	5.8	5.9	4.6	4.3	4.8	4.9	5.2	6.0
Hi Yr	1968	1968	1968	1969	1969	1969	1969	1969	1969	1969	1969	1969
Low WL	14.0	15.5	14.3	15.9	13.1	16.2	15.4	14.9	14.6	14.8	14.7	15.0
Lo Yr	1988	1989	1988	1990	1979	1990	1990	1990	1989	1989	1989	1989
<b>WATER YEAR 90</b>		15.50		15.93		16.22	15.43	14.92	14.13	13.52		12.98
Rdg		8		10		7	12	23	7	25		26

**T106 R33 S27 QQQ: BDB**  
Obwell # 83014

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 7

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	81.8	81.3	88.0			82.2	83.6	85.2	86.3	86.1	87.8	83.8
High WL	62.7	66.1	77.9			61.1	72.1	75.3	82.3	74.8	81.4	69.6
Hi Yr	1985	1985	1988			1985	1985	1985	1988	1987	1986	1986
Low WL	93.6	96.9	98.0			91.6	93.5	91.1	92.4	98.8	95.7	101.1
Lo Yr	1988	1989	1987			1988	1989	1988	1989	1989	1989	1988
<b>WATER YEAR 90</b>		86.52	96.92	97.42		85.32						
Rdg		10	16	20		12						

Watonwan County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T107 R31 S14** QQQ: **DAC1**  
Obwell # **83009**

Aquifer: KRET  
KRET  
Observer: USGS

Depth: 150.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.8	13.7	13.4	13.6	12.6	12.9	13.1	12.1	13.5	13.7		14.0
High WL	12.8	12.5	12.1	12.4	12.6	10.6	12.4	10.4	13.5	11.3		11.9
Hi Yr	1982	1985	1986	1983	1987	1983	1987	1983	1987	1986		1986
Low WL	12.8	15.3	14.8	15.1	12.6	15.2	14.0	14.5	13.5	16.3		15.7
Lo Yr	1982	1989	1988	1990	1987	1990	1989	1990	1987	1988		1989
<u>WATER YEAR 90</u>												
Rdg		15.26		15.07		15.19		14.49		13.54		13.62
Day		8		10		7		23		25		26

**T107 R31 S27** QQQ: **AAC**  
Obwell # **83012**

Aquifer: KRET  
KRET  
Observer: SWCD

Depth: 484.0  
Years of Record: 7

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.4	6.6	10.7			5.0	10.6	4.2	4.2	7.8	12.1	4.0
High WL	3.2	6.6	10.7			4.8	3.7	4.2	4.2	7.8	12.1	4.0
Hi Yr	1985	1984	1984			1985	1986	1984	1984	1984	1984	1984
Low WL	28.0	6.6	10.7			5.2	30.7	4.2	4.2	7.8	12.1	4.0
Lo Yr	1988	1984	1984			1984	1990	1984	1984	1984	1984	1984
<u>WATER YEAR 90</u>												
Rdg		4.30					30.70					
Day		11					12					

**T107 R31 S35** QQQ: **CAC1**  
Obwell # **83010**

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 350.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	32.2	33.1	32.9	33.8	31.1	32.7	32.5	31.8	33.0	34.2		33.8
High WL	32.2	31.7	30.7	31.8	31.1	31.3	31.1	29.8	33.0	30.7		31.3
Hi Yr	1982	1984	1986	1985	1987	1986	1987	1983	1987	1986		1986
Low WL	32.2	35.9	35.2	35.7	31.1	35.2	34.9	35.4	33.0	41.6		36.7
Lo Yr	1982	1989	1988	1990	1987	1989	1989	1990	1987	1988		1989
<u>WATER YEAR 90</u>												
Rdg		35.93		35.70				35.35		34.38		34.20
Day		8		10				23		25		26

**T107 R32 S16** QQQ: **BAD**  
Obwell # **83011**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 60.0  
Years of Record: 7

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.8	12.0	12.6			14.1	14.8	11.2	10.6		13.4	15.2
High WL	8.7	12.0	12.6			13.1	9.0	11.2	10.6		13.4	15.2
Hi Yr	1985	1984	1984			1985	1986	1984	1984		1984	1984
Low WL	13.7	12.0	12.6			15.1	19.8	11.2	10.6		13.4	15.2
Lo Yr	1988	1984	1984			1984	1987	1984	1984		1984	1984
<u>WATER YEAR 90</u>												
Rdg		12.90					14.10					
Day		11					17					

Wilkin County

DNR Region 1

## SUMMARY FOR 1990 WATER YEAR

**T135 R46 S2 QQQ: C**  
**Obwell # 84018**

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 188.0  
 Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.9	4.0	2.4			8.5	3.3	2.5	5.0	9.0	7.2	12.4
High WL	0.5	4.0	2.4			8.5	2.2	1.2	5.0	9.0	5.3	4.8
Hi Yr	1986	1982	1982			1983	1989	1986	1983	1982	1983	1983
Low WL	33.6	4.0	2.4			8.5	4.6	4.5	5.0	9.0	9.0	20.0
Lo Yr	1984	1982	1982			1983	1983	1983	1983	1982	1982	1982
<b>WATER YEAR 90</b>												
Rdg	3.00							2.20				
Day	31							30				

**T135 R46 S16 QQQ: A**  
**Obwell # 84019**

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 183.0  
 Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.6	9.3	8.4			9.6	8.7	8.3	8.4	9.4	9.5	8.9
High WL	3.0	9.3	8.4			9.6	8.4	6.8	8.4	8.7	8.4	8.4
Hi Yr	1986	1982	1982			1983	1983	1986	1983	1983	1983	1983
Low WL	11.0	9.3	8.4			9.6	8.8	8.8	8.4	10.0	10.7	9.4
Lo Yr	1987	1982	1982			1983	1985	1984	1983	1982	1982	1982
<b>WATER YEAR 90</b>												
Rdg	11.00							8.70				
Day	31							30				

Winona County

DNR Region 5

## SUMMARY FOR 1990 WATER YEAR

**T106 R10 S19** QQQ: **DDA2**  
**Obwell # 85001**

Aquifer: CIGLCIGL  
 Observer: USGS

Depth: 720.0  
 Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	240.8	238.7	232.6	232.2	232.2	232.0	239.1	235.7	236.6	236.4	237.9	236.8
High WL	223.7	220.9	220.8	221.8	226.1	222.8	220.2	225.8	224.4	222.7	220.4	222.4
Hi Yr	1987	1987	1987	1988	1987	1987	1987	1986	1986	1986	1987	1987
Low WL	267.1	267.8	263.4	252.8	250.2	246.2	299.3	251.4	254.0	260.1	261.1	262.1
Lo Yr	1988	1988	1985	1986	1986	1986	1989	1987	1985	1985	1985	1985
<b>WATER YEAR 90</b>												
Rdg	235.22	231.90	229.26	228.52	228.67	237.10	237.22	239.80	237.30	239.76	242.12	241.12
Day	2	7	4	2	6	6	4	3	5	9	1	5

Wright County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T118 R27 S15 QQQ: CDC1**  
Obwell # 86007

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 128.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.7	13.5	13.4	13.6	13.6	14.0	13.8	13.4	14.0	13.6	13.7	13.4
High WL	10.7	10.2	10.2	10.5	10.9	11.1	10.2	10.5	10.3	10.3	10.7	11.0
Hi Yr	1985	1985	1985	1986	1986	1986	1985	1986	1986	1986	1986	1986
Low WL	18.5	18.7	18.6	18.8	18.8	19.0	18.9	18.0	18.2	18.5	18.7	18.6
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1989	1989	1989	1989	1989
<b>WATER YEAR 90</b>												
Rdg	18.54	18.65	18.63	18.75	18.84	19.03	18.92		18.16	17.13	16.75	16.57
Day	10	1	8	5	5	1	3		7	6	16	6

**T119 R26 S24 QQQ: BAB2**  
Obwell # 86003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.6	5.4	5.7	5.9	6.2	6.0	5.0	4.8	5.1	5.2	5.6	5.6
High WL	3.1	3.4	3.6	3.5	3.9	4.0	3.2	3.2	2.6	2.9	3.2	3.2
Hi Yr	1986	1985	1984	1986	1986	1983	1985	1986	1986	1986	1986	1985
Low WL	8.1	8.2	8.3	8.4	8.4	8.6	7.3	6.1	6.7	7.4	7.8	7.9
Lo Yr	1988	1988	1988	1989	1990	1990	1990	1977	1990	1977	1977	1988
<b>WATER YEAR 90</b>												
Rdg	7.61	7.87	8.12	8.30	8.45	8.59	7.33		6.71	6.09	6.10	6.12
Day	5	1	8	5	5	1	3		7	6	16	6

**T119 R26 S35 QQQ: DDA1**  
Obwell # 86001

Aquifer: CMTSCMSH  
Observer: USGS

Depth: 693.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	76.6	76.3	77.7	76.2	75.8	76.5	76.2	76.9	75.9	76.1	76.0	76.4
High WL	74.0	74.2	76.6	74.2	74.9	74.4	75.0	75.0	74.0	74.0	74.2	73.5
Hi Yr	1986	1985	1979	1987	1985	1986	1984	1987	1986	1986	1971	1981
Low WL	78.4	78.4	78.3	78.0	76.5	78.3	77.0	78.1	78.2	77.5	77.8	78.1
Lo Yr	1977	1977	1970	1990	1979	1978	1979	1977	1977	1990	1989	1976
<b>WATER YEAR 90</b>												
Rdg	77.79			78.02			77.94		77.69		77.53	
Day	3			12			20		17		27	

**T121 R23 S22 QQQ: ACC1**  
Obwell # 86004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.8	7.1	7.0	6.8	7.3	7.4	7.2	6.7	6.5	6.4	6.6	6.8
High WL	3.3	3.3	3.9	4.3	4.7	5.1	4.6	3.3	2.8	3.1	3.7	4.1
Hi Yr	1985	1985	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Low WL	9.1	11.2	9.4	9.1	9.5	9.6	9.2	9.2	8.6	8.7	8.7	9.1
Lo Yr	1988	1976	1988	1990	1989	1989	1990	1990	1989	1977	1988	1988
<b>WATER YEAR 90</b>												
Rdg	8.88	8.67	8.92	9.08	9.25	9.42	9.21	9.18	8.48	6.92	6.75	6.85
Day	10	1	8	5	5	1	7	1	7	6	16	6

Wright County

DNR Region 3

## SUMMARY FOR 1990 WATER YEAR

**T121 R25 S15 QQQ: BBA2**  
Obwell # 86005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 40.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	33.9	33.9	34.1	34.1	34.3	34.2	34.1	33.9	34.0	33.8	33.9	33.9
High WL	30.4	30.5	31.3	31.6	31.7	30.2	30.5	30.0	30.7	30.8	30.8	30.6
Hi Yr	1985	1985	1985	1986	1985	1986	1986	1986	1986	1986	1986	1986
Low WL	37.0	37.1	37.2	37.3	37.3	37.4	37.1	36.8	37.0	36.6	36.9	37.1
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1989	1989	1989
<b>WATER YEAR 90</b>												
Rdg	36.98	37.08	37.17	37.25	37.29	37.38	37.08	36.79	36.95	35.71	35.15	35.21
Day	10	1	8	5	5	1	2	1	7	6	13	6

**T122 R27 S11 QQQ: AAC2**  
Obwell # 86006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	38.0	38.4	38.2	38.5	38.7	38.4	38.4	38.3	38.3	38.2	38.1	38.2
High WL	34.6	34.6	34.7	34.7	35.7	34.9	35.8	35.4	35.6	34.7	34.4	34.1
Hi Yr	1984	1984	1984	1985	1985	1984	1985	1986	1984	1984	1984	1984
Low WL	41.4	41.2	41.5	41.6	41.5	41.7	41.5	41.5	41.4	41.0	41.1	41.3
Lo Yr	1989	1989	1989	1990	1990	1990	1990	1990	1990	1989	1989	1989
<b>WATER YEAR 90</b>												
Rdg	41.41	41.21	41.48	41.60	41.53	41.70	41.45	41.49	41.40	40.50	39.40	39.07
Day	10	1	8	5	5	1	6	1	7	6	13	6

Yellow Medicine County

DNR Region 4

## SUMMARY FOR 1990 WATER YEAR

**T114 R45 S4 QQQ: DCD1**  
Obwell # 87002Aquifer: QWTAQWTA  
Observer: USGSDepth: 68.0  
Years of Record: 27

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.8	9.0	9.2	9.2	9.2	8.6	7.6	8.1	8.5	9.5	9.9	9.9
High WL	7.7	8.3	8.1	8.7	8.6	6.1	5.4	7.1	4.8	8.3	7.9	9.2
Hi Yr	1965	1984	1977	1987	1984	1984	1969	1964	1965	1986	1990	1989
Low WL	11.3	9.9	9.9	9.9	9.8	9.6	9.1	9.3	10.2	10.0	10.5	10.7
Lo Yr	1976	1978	1980	1981	1979	1979	1968	1976	1977	1978	1983	1974
<b>WATER YEAR 90</b>					8.68		7.78		5.45		7.90	
Rdg					5		11		18		2	
Day												

**T115 R39 S16 QQQ: DCD**  
Obwell # 87003Aquifer: QBAAQBAA  
Observer: SWCDDepth: 96.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	17.1	17.9	17.7			17.3	16.4	15.8	15.7	16.8	24.6	17.9
High WL	14.5	17.9	17.7			17.3	14.2	15.8	15.7	15.2	17.6	17.2
Hi Yr	1985	1982	1982			1983	1984	1983	1983	1983	1983	1983
Low WL	20.4	17.9	17.7			17.3	19.2	15.8	15.7	18.3	31.6	18.5
Lo Yr	1989	1982	1982			1983	1990	1983	1983	1982	1982	1982
<b>WATER YEAR 90</b>						19.20						
Rdg	20.40					4						
Day	5											

