



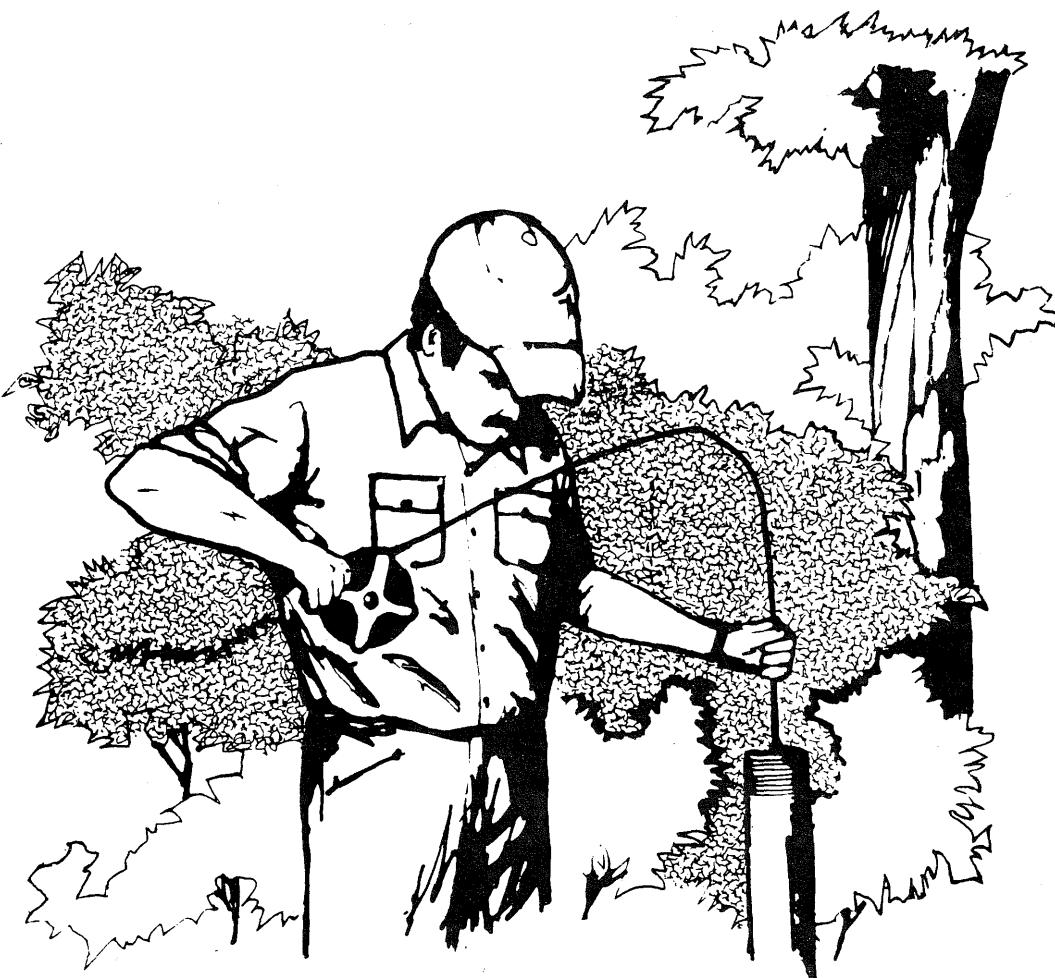
3 0307 00007 4354

910696

# OBSERVATION WELL DATA

## S·U·M·M·A·R·Y

WATER YEAR '89



**DEPARTMENT OF NATURAL RESOURCES**  
Division of Waters

TD  
407  
.026  
1989

**MINNESOTA**

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Saint Paul, Minnesota 55155



## AQUIFER CODES FOR WELLS SAMPLED IN WY89

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.



# Observation Well Network

## Annual Report, Water Year 1989

### 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 650 wells. In the 1989 water year (WY89), which began October 1988 and ended September 1989, 506+ obwells were measured by Soil and Water Conservation Districts (SWCD's) and 144 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. This year's summary has a few changes from previous summaries. The most significant is the inclusion of high, low and average water levels for the entire period of record of the well, not just the reported water year. In addition, the data is now arranged alphabetically by county without division into DNR regions. Within each county the wells are ordered by township-range-section which is shown in bold type as is the obwell number. Unlike previous years, separate versions for each DNR region will not be published; only one version for the whole state is available. Discussion of the data for each geographic region is included in the overview which follows.

### Aquifers

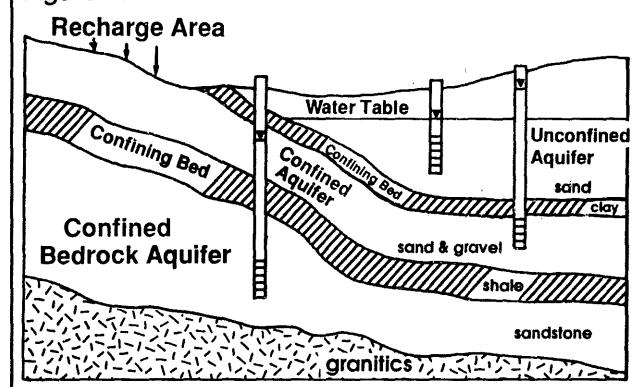
An aquifer is a geologic formation which is saturated and sufficiently permeable to transmit economic quantities of water to wells and springs. Aquifers may exist under either unconfined or confined conditions (Figure 1).

**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.

Figure 1.



### Statewide Summary

This section discusses the ground water levels in unconfined aquifers and confined (both buried drift and bedrock) aquifers during WY89 and compares them with levels at the end of WY88. Figure 2 illustrates the total number of obwells statewide and the location of the obwells in each of the three groups (Figures 3, 4, 5) that are discussed in this section. No analysis has been done on the possible effects on obwells from nearby pumping wells. Wells that are known to be within the cone of influence of a pumping well were not selected for this summary.

Figure 2.

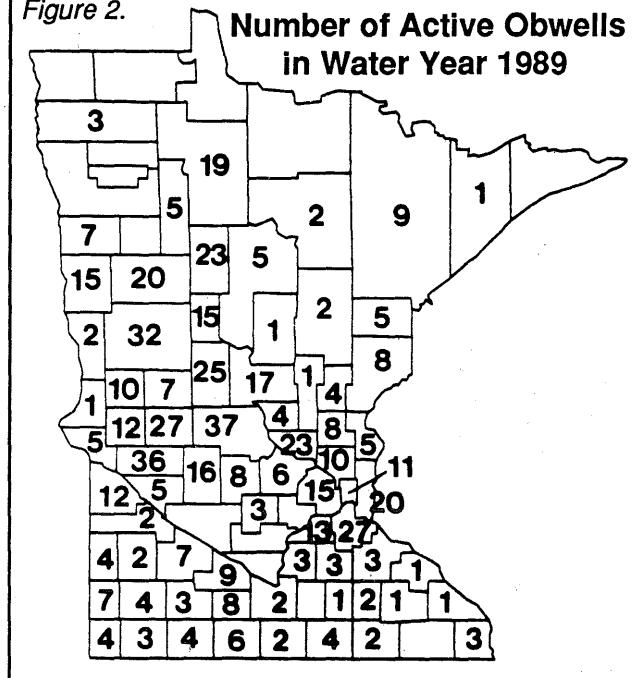
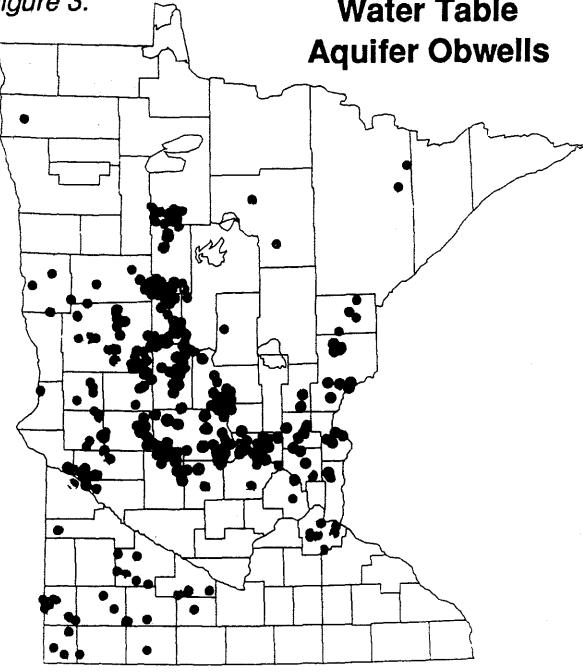


Figure 3.

### Water Table Aquifer Obwells

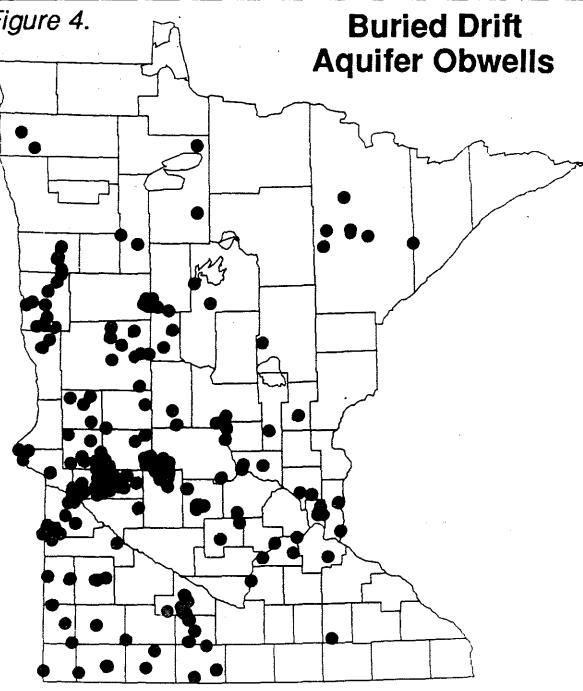


### Unconfined Aquifers

The drought conditions that have gripped much of Minnesota to varying degrees since late 1986 were preceded by ten years of above average precipitation. In 1985, water tables in unconfined aquifers were near or above their recorded highest known levels in response to ten years of above normal precipitation. In the fall of 1986, precipitation declined and water tables in unconfined aquifers began to drop.

Figure 4.

### Buried Drift Aquifer Obwells



Although the water table at a specific well may have dropped, generally, water tables statewide responded to increased precipitation in 1989. Compared to the end of WY88, water tables at the end of WY89 were up .5' to 2.5' in the northeast, nearly the same in the Twin Cities Metro area and up .25' to 2.25' in the southwest. In central Minnesota the water table fluctuated down 2.75' to up 2' compared with WY88. However, water tables dropped in parts of the northwest in response to continued below average precipitation. In Becker County Obwell #3009 for example, the water table was nearly 1' lower at the end of WY89 than at the end of WY88.

Overall, water tables were below average statewide\*. Water tables of 3' to 5' below average were common, especially in the northwest and central counties. The water table was as much as 7' below average in the northwest. Elsewhere the water table varied up to 1' from average.

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.

No trend in the water levels in buried drift aquifers was apparent in the northwest. In several wells, the water level rose above their WY88 level; in others the water level dropped up to 1' below their level at the end of WY88. Most of the obwells in the buried drift aquifer lack a sufficient period of record to develop a reliable average level. However one well in Clay County, which has been read for 41 years, was 6.17' below its average water level in September.

In the southwest, water levels in the buried drift aquifers declined from 1988 with decreases ranging from .5' to 4'. In central and northeast Minnesota, buried drift aquifer water levels fluctuated both up and down from 1988 levels. Water levels in the buried drift aquifers in the Twin Cities Metropolitan areas declined up to 1.5'. Hydrographs for selected confined aquifers are shown on Figure 7.

\*Approximately half of the referenced wells in unconfined aquifers contained in this report have a total period of record in excess of 20 years. 3 have records less than 10 years.

## 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. Most of the bedrock aquifers monitored by obwells are confined although bedrock aquifers may be either confined or unconfined. Figure 7 shows hydrographs from bedrock wells.

The Mt. Simon aquifer in central Minnesota is monitored by a series of wells stretching from McLeod to Chisago Counties. These wells have been monitored for a period of 12 years to 22 years. The levels range from almost 6' below the 1988 level in McLeod County, to 2.5'

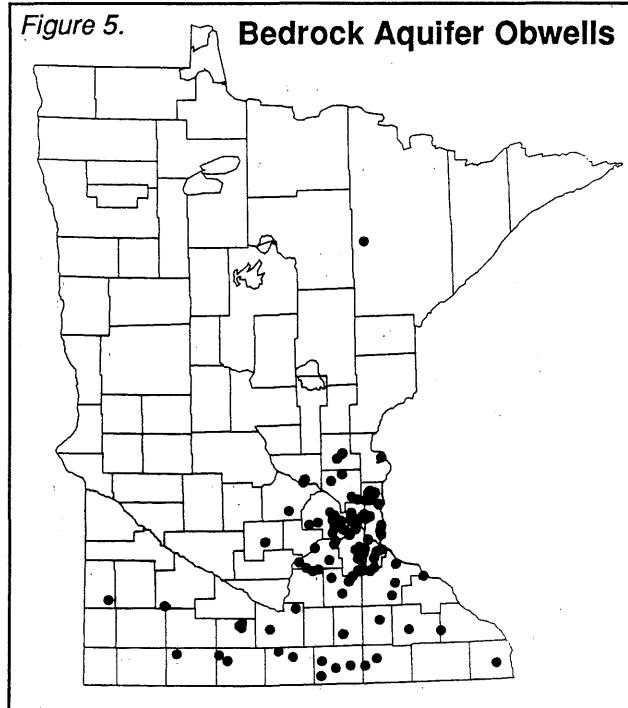
The Prairie du Chien/Jordan aquifer is monitored on a limited basis in a few counties southeast of the Twin Cities. The trend in this aquifer was downward from 1988 about .5' to 2.5' but as much as 7' one well. All wells except one were below average. Since there are relatively few wells monitored, care should be taken in using this data.

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.

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 wells. They 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.

Water levels in the Prairie du Chien/Jordan aquifer in the Twin Cities Metro area were declining at the end of WY89 in downtown St. Paul and rising in downtown Minneapolis. Likewise these levels were below average in St. Paul and above average in Minneapolis. As you move toward the outer edges of the Twin Cities basin, levels in all the wells in the Prairie du Chien/Jordan aquifer except two were down 1' to 2.5' below 1988, with a 6' drop noted in one well.

For the Mount Simon-Hinckley aquifer, (the Twin Cities' second principal aquifer) the data in the Twin Cities area was inconclusive.



below 1988 level in Sherburne County, to about the same level in the other counties. The levels in all these wells are below the average. The McLeod County well, which has been monitored for 12 years, was nearly 9.5' below average. The deficit slowly decreases northeast to Chisago County where the level was about .5' below average. Along the Mississippi River south of the Twin Cities, levels in the Mt. Simon wells are slightly lower than 1988 levels and are below average about 2'.

Figure 6.

## Historical Unconfined Aquifer Levels

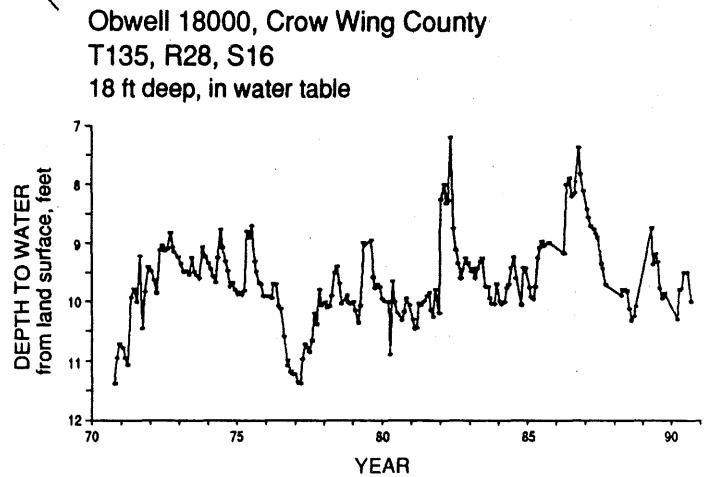
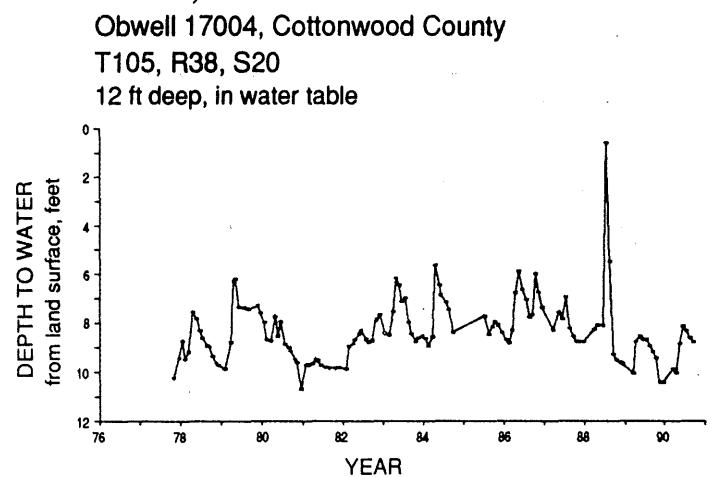
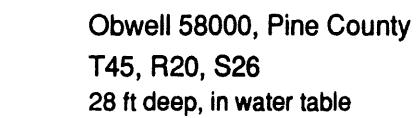
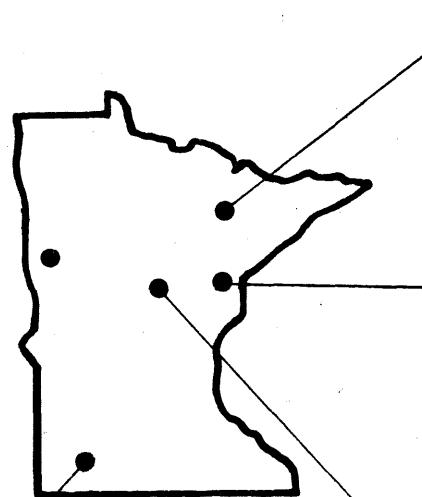
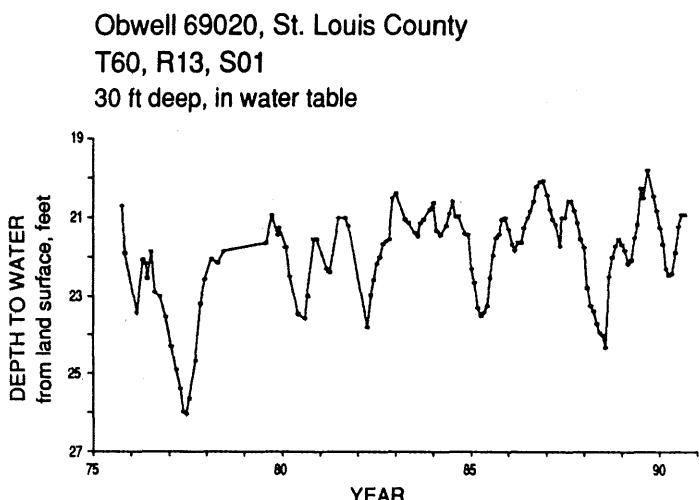
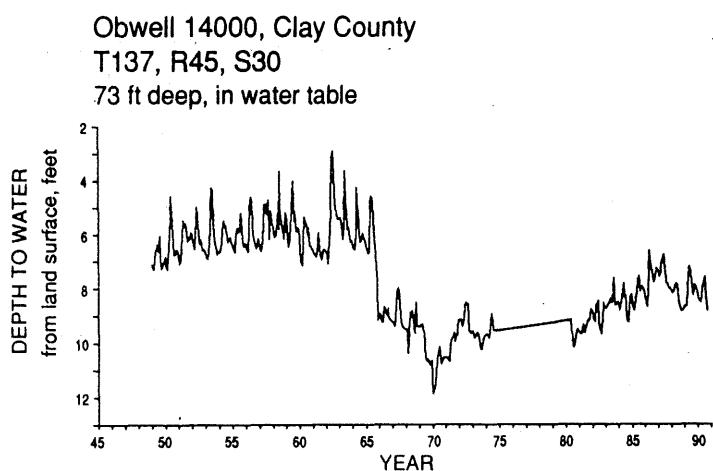
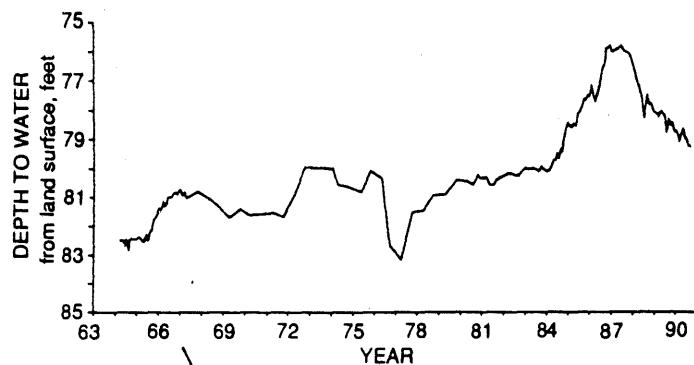


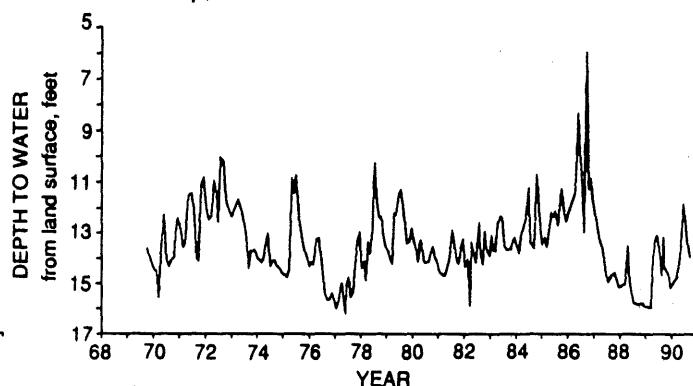
Figure 7.

## Historical Water Levels in Confined Aquifers

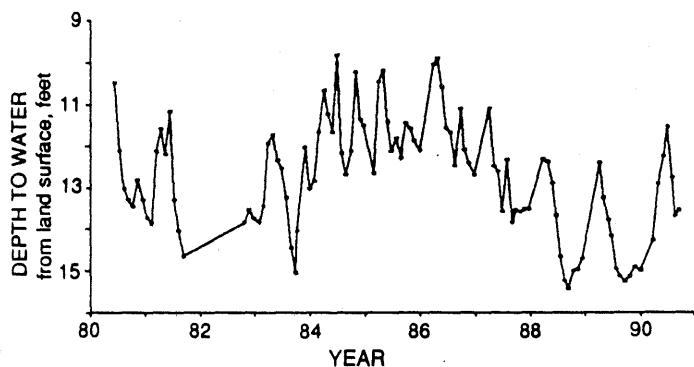
Obwell 21000, Douglas County  
T127, R40, S27  
259 ft deep, in buried drift



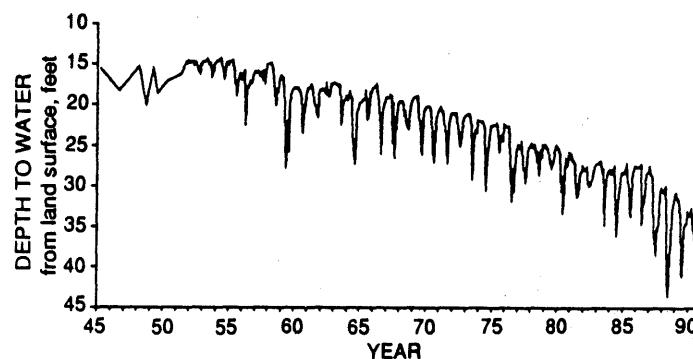
Obwell 49004, Morrison County  
T39, R32, S35  
92 ft deep, in buried drift



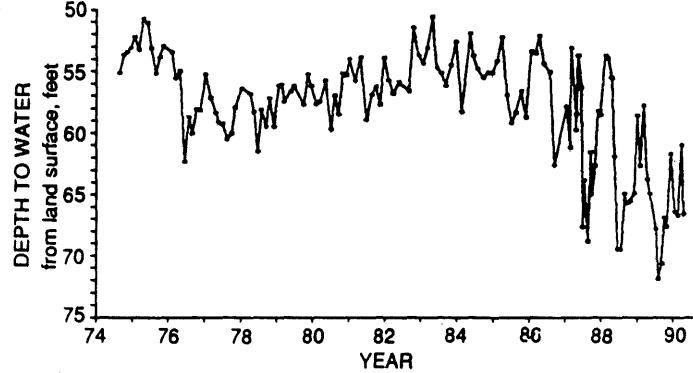
Obwell 37006, Lac Qui Parle County  
T116, R46, S15  
70 ft deep, in buried drift



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



## **Expansion**

The observation well network is expanded, when appropriate, by drilling of new wells 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 wells 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.

Although only three wells were added to the network during WY 1989, each well was checked to see if the criteria for inclusion in the network were met. The wells were ranked in order of preferred location and wells were then selected until the available funds were exhausted.

## **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  
(612)296-0442 or (612)297-3902

## 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	ADD1	PEAT	A-1
1000	47	27	26	BBC1	PEAT QBAAQBAA	A-1
<b>Anoka County</b>						
2007	31	22	18	AAA1	CFRNCIGL	A-2
2008	31	22	18	AAA2	QBAAQBAA	A-2
2009	31	22	18	AAA3	QBAAQBAA	A-2
2010	31	22	18	AAA5	QWTAQWTA	A-2
2012	31	22	23	CBC2	CJ DNC JDN	A-3
2016	31	24	1	CBB1	QBAAQBAA	A-3
2014	32	23	4	AAD2	QWTAQWTA	A-3
2024	33	23	5	BAB1	CFRNCFRN	A-3
2015	33	24	30	ABB1	CMTSCMTS	A-4
2025	34	24	25	DAC1	QWTAQWTA	A-4
<b>Becker County</b>						
3119	138	40	20	BBC		A-5
3113	138	42	26	CDA1	QWTAQWTA	A-5
3011	138	43	18	CDA1	QWTAQWTA	A-5
3121	138	43	25	CBB		A-5
3006	139	36	2	CCC1	QWTAQWTA	A-6
3129	139	36	4	BBB1		A-6
3130	139	36	4	BBB2		A-6
3133	139	36	14	DDD		A-6
3117	139	41	3	AAA		A-7
3118	139	41	22	DAD		A-7
3131	140	36	16	BBB1		A-7
3132	140	36	16	BBB2		A-7
3123	140	36	25	BBD	QWTAQWTA	A-8
3122	140	36	26	AAA	QBAAQBAA	A-8
3124	140	36	26	DAA	QWTAQWTA	A-8
3127	140	36	29	ABA1		A-8
3125	140	36	36	AAA	QBAAQBAA	A-9
3126	140	37	13	ADD	QWTAQWTA	A-9
3012	140	41	26	CCD1	QWTAQWTA	A-9
3009	141	37	17	AAA1	QWTAQWTA	A-9
<b>Beltrami County</b>						
4011	146	32	34	DAB		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

## 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>Beltrami County</b>						
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
4022	147	34	15	DDA	QWTAQWTA	A-12
4023	147	34	19	BAD	QWTAQWTA	A-12
4000	147	34	35	ADC1	QWTAQWTA	A-13
4024	147	35	4	BCA	QWTAQWTA	A-13
4025	147	35	36	BCB	QWTAQWTA	A-13
4004	149	31	25	DCD1	QBAAQBAA	A-13
4005	149	31	25	DCD2	TILLTILL	A-14
4006	149	31	25	DCD3	QBAAQBAA	A-14
4009	156	31	36	DAA2	QBAAQBAA	A-14
<b>Benton County</b>						
5001	36	29	30	BCC2	QWTAQWTA	A-15
5000	38	31	18	DCD2	QWTAQWTA	A-15
5005	38	31	18	DCA1	QBAAQBAA	A-15
5004	38	31	23	AAB2	QWTAQWTA	A-15
<b>Big Stone County</b>						
6000	121	44	27	CCC1	QWTAQWTA	A-16
6008	122	46	11	DDD	QBAAQBAA	A-16
6002	124	48	17	AAA1	QBAAQBAA	A-16
6006	124	48	31	BBB1	QBAAQBAA	A-16
6007	124	49	2	DDD1	QBAAQBAA	A-17
<b>Blue Earth County</b>						
7001	106	28	3	DBA1	CFRNCIGL	A-18
7003	108	25	4	BBC1	OPDCOPDC	A-18
<b>Brown County</b>						
8000	108	30	9	ADD1	QWTAQWTA	A-19
8005	108	32	16	BBD	QWTAQWTA	A-19
8006	108	32	29	BBD	QBAAQBAA	A-19
8004	108	33	2	ADB	QBAAQBAA	A-19
8008	108	33	28	CAC	QWTAQWTA	A-20
8010	108	33	29	DDA		A-20
8009	108	34	21	BBCC	QBAAQBAA	A-20
8007	109	32	8	DCC	QBAAQBAA	A-20
8001	110	32	30	DDB1	QBAAQBAA	A-21

## 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>Carlton County</b>						
9005	46	19	21	CBB1	QWTAQWTA	A-22
9030	47	17	7	AAB1	QWTAQWTA	A-22
9028	48	18	21	ACD1	QWTAQWTA	A-22
9034	49	17	17	ADD1	QWTAQWTA	A-22
9035	49	17	17	ADD		A-23
<b>Cass County</b>						
11002	134	32	28	ACB	QWTAQWTA	A-24
11003	135	32	33	CDD1	QWTAQWTA	A-24
11005	138	32	15	AAA1	QWTAQWTA	A-24
11008	140	29	31	DAAB	QBAA	A-24
11009	140	29	31	DAAB	QBAA	A-25
<b>Chippewa County</b>						
12008	117	39	29	AB		A-26
12009	119	37	34	AAB	QBAAQBAA	A-26
12004	119	41	29	DDD1	QWTAQWTA	A-26
12005	119	42	17	DDD1	QWTAQWTA	A-26
12007	119	43	1	ACA	QBAAQBAA	A-27
<b>Chisago County</b>						
13006	35	19	17	BDB1	CMTSCMTS	A-28
13007	35	19	17	BAB2	QWTAQWTA	A-28
13009	35	20	3	BDD	QWTAQWTA	A-28
13008	35	20	31	DAB	QWTAQWTA	A-28
13002	35	21	26	BCC1	QWTAQWTA	A-29
<b>Clay County</b>						
14035	137	45	17	CAB	QBAAQBAA	A-30
14000	137	45	30	CDB1	QWTAQWTA	A-30
14045	137	46	13	BAA	QBAAQBAA	A-30
14037	137	47	13	CBD	QBAAQBAA	A-30
14044	138	46	14	ADD	QBAAQBAA	A-31
14046	139	46	10	ACA	QBAAQBAA	A-31
14001	139	47	5	CDC1	QWTAQWTA	A-31
14005	139	47	6	AAA1	QBAAQBAA	A-31
14003	139	48	11	ABA1	QBAAQBAA	A-32
14038	140	45	4	DDD		A-32
14039	141	45	27	ADD		A-32
14040	141	45	29	BBA	QBAAQBAA	A-32
14041	141	45	32	ADD	QWTAQWTA	A-33
14043	141	45	33	DAD		A-33

### 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>Clay County</b>						
14047	142	45	25	CDC	QBAAQBAA	A-33
<b>Clearwater County</b>						
15001	146	37	36	DAC	QBAAQBAA	A-34
15002	146	38	5	BAB	QBAAQBAA	A-34
15005	147	37	5	CCC		A-34
15003	147	37	22	CDD		A-34
15004	148	36	33	BCB		A-35
<b>Cottonwood County</b>						
17005	105	36	8	ACA1	QWTAQWTA	A-36
17004	105	38	20	BAA	QWTAQWTA	A-36
17006	105	38	20	BAAA	QBAAQBAA	A-36
<b>Crow Wing County</b>						
18000	135	28	16	CCD1	QWTAQWTA	A-37
<b>Dakota County</b>						
19030	27	23	9	ABD1	CJ DNC JDN	A-38
19005	28	22	19	DCC2	OP DC OP DC	A-38
19060	112	18	6	ADB	OP DCC JDN	A-38
19006	112	18	8	ABA1	QWTAQWTA	A-38
19007	112	18	8	BBC1	OP DC OP DC	A-39
19059	112	19	11	BBD	OP DCC JDN	A-39
19043	112	19	30	DBD1	CJ DNC JDN	A-39
19062	113	17	33	BCC	OP DCC JDN	A-39
19046	113	18	7	BAC1	OP DCC JDN	A-40
19064	113	19	2	BCA	OP DC OP DC	A-40
19061	114	16	7	BDB	OP DCC JDN	A-40
19008	114	17	10	AAA1	OP DC OP DC	A-40
19018	114	17	16	CBB1	QWTAQWTA	A-41
19029	114	17	33	BBC1	OP DC OP DC	A-41
19050	114	18	17	AAB1	OP DCC JDN	A-41
19051	114	18	35	CCB1	QBAAQBAA	A-41
19017	114	19	4	DAC1	CJ DNC JDN	A-42
19058	114	19	11	CCB	OP DC OP DC	A-42
19013	114	19	22	DDD1	QWTAQWTA	A-42
19065	114	19	27	ADD	QWTAQWTA	A-42
19066	114	20	13	DCA	QWTAQWTA	A-43
19055	114	20	36	BDC	QWTAQWTA	A-43
19067	115	17	27	BDC1	QWTAQWTA	A-43
19068	115	17	27	BDC2	QWTAQWTA	A-43

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<b>Dakota County</b>						
19015	115	18	18	BCB1	QWTAQWTA	A-44
19063	115	18	32	ADB	OPDCCJDN	A-44
19057	115	19	24	CDB	OPDCCJDN	A-44
<b>Dodge County</b>						
20000	105	18	13	DDD1	QBAAQBAA	A-45
20001	107	17	13	BBA1	OGALOGAL	A-45
<b>Douglas County</b>						
21008	127	37	9	BDC1	QWTAQWTA	A-46
21000	127	40	27	CBB1	QBAAQBAA	A-46
21009	129	36	9	BBB1	QWTAQWTA	A-46
21001	129	36	15	BBB	QBAAQBAA	A-46
21002	129	36	18	CBB	QWTAQWTA	A-47
21003	130	36	4	BCC	QWTAQWTA	A-47
21004	130	36	23	DDD	QWTAQWTA	A-47
<b>Faribault County</b>						
22021	104	26	36	CAC1	OPVLOPVL	A-48
22022	104	27	16	ABA1	OSTPOSTP	A-48
<b>Freeborn County</b>						
24002	101	23	2	DAC1	DCVAOMQG	A-49
24003	102	21	9	CCB1	DCVADCVA	A-49
24004	103	20	36	CCB1	DCVADCVA	A-49
24005	103	23	13	CDA1	OGWDODWD	A-49
<b>Goodhue County</b>						
25000	110	15	31	BBD1	OPDCOPDC	A-50
25001	111	15	21	CDA1	OPDCCJDN	A-50
25005	113	15	27	BAB1	CMTSCMTS	A-50
<b>Grant County</b>						
26001	127	41	6	CAC1	QBAAQBAA	A-51
26002	127	41	32	BBA1	QWTAQWTA	A-51
26004	128	43	28	CDC1	QWTAQWTA	A-51
26005	129	41	18	ACB1	QWTAQWTA	A-51
26007	129	41	31	ACA1	QWTAQWTA	A-52

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<b>Grant County</b>						
26000	129	42	9	CCC1	QBAAQBAA	A-52
26011	130	42	23	DBD1	QBAAQBAA	A-52
26012	130	42	26	DAA1	QBAAQBAA	A-52
26013	130	42	36	CCC1	QWTAQWTA	A-53
26015	130	44	25	BCB1	QBAAQBAA	A-53
<b>Hennepin County</b>						
27001	27	24	30	BDA1	CJ DNC JDN	A-54
27035	27	24	30	AAA1	QBAAQBAA	A-54
27036	28	24	23	ADD1	OPDCOPDC	A-54
27002	29	24	6	CCC1	OSTPOSTP	A-54
27039	29	24	26	BAB1	OPDCCJDN	A-55
27004	29	24	27	ABD1	PYHFPYHF	A-55
27040	116	21	7	DAD1	CJ DNC JDN	A-55
27041	117	21	16	CDB1	CIGLCIGL	A-55
27015	117	21	32	DAD1	PYHFPYHF	A-56
27010	117	23	11	BBD1	OPDCCJDN	A-56
27043	117	24	13	BBC	CMSHCMSP	A-56
27011	118	21	7	DCB1	CJ DNC JDN	A-56
27012	118	21	32	CBD1	OSTPOSTP	A-57
27038	118	21	32	CBB1	QWTAQWTA	A-57
27034	119	21	4	BBA1	QWTAQWTA	A-57
<b>Houston County</b>						
28000	102	5	3	DCC1	CJ DNC JDN	A-58
28001	102	5	3	DCC2	CIGLCIGL	A-58
28002	102	5	3	DCC3	CMTSCMTS	A-58
<b>Hubbard County</b>						
29000	139	32	16	AAA1	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	CCC1	QWTAQWTA	A-60
29033	139	35	10	BAB	QBAA	A-61
29035	139	35	10	BAB	QWTA	A-61
29042	139	35	11	ABD1	QWTAQWTA	A-61
29007	139	35	13	DAD1	QWTAQWTA	A-61
29008	140	32	32	BBA1	QWTAQWTA	A-62
29009	140	33	20	AAA	QWTAQWTA	A-62
29002	140	33	28	CAB	QWTAQWTA	A-62

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<b>Hubbard County</b>						
29011	140	35	16	BCC1	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	QWTAQWTA	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
<b>Isanti County</b>						
30004	34	24	17	DCC2	QWTAQWTA	A-65
30007	35	23	3	BAB2	QWTAQWTA	A-65
30006	35	23	5	CCC2	QWTAQWTA	A-65
30001	35	24	14	BCD1	CMTSCMTS	A-65
30002	35	24	14	CDC1	QWTAQWTA	A-66
30008	36	23	23	BBB2	QWTAQWTA	A-66
30003	36	23	32	ACB1	PYHFPYHF	A-66
30005	36	25	15	CAB2	QWTAQWTA	A-66
<b>Itasca County</b>						
31000	55	25	17	ACD1	QWTAQWTA	A-67
31002	148	25	8	DDD1	QWTAQWTA	A-67
<b>Jackson County</b>						
32003	102	36	17	CCAB	QBAAQBAA	A-68
32004	102	36	17	CCAB	QWTAQWTA	A-68
32005	104	35	19	CCAB	QBAAQBAA	A-68
32000	104	37	19	DBD1	PYSXPYSX	A-68
<b>Kanabec County</b>						
33009	38	23	7	DBB1	QWTAQWTA	A-69
33005	39	23	5	DAC1	QWTAQWTA	A-69
33000	39	24	11	DDC1	QBAAQBAA	A-69
33011	39	24	20	DDD1	TILLTILL	A-69
<b>Kandiyohi County</b>						
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	BCD1	QWTAQWTA	A-70

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<b>Kandiyohi County</b>						
34045	122	33	28	CBA	QWTAQWTA	A-71
34049	122	34	2	BBC	QBAAQBA	A-71
34002	122	34	6	CBC1	QWTAQWTA	A-71
34046	122	34	14	BAC	QWTAQWTA	A-71
34047	122	34	19	C	QWTAQWTA	A-72
34052	122	34	28	ADDB	QBAA	A-72
34053	122	34	28	ADDB	QWTA	A-72
34050	122	34	29	BCB1	QWTAQWTA	A-72
34054	122	34	31	CBCB	QBAA	A-73
34055	122	34	31	CBCB	QWTA	A-73
34051	122	35	14	AAB1	QWTAQWTA	A-73
34048	122	35	16	AD	QWTAQWTA	A-73
<b>Lac Qui Parle County</b>						
37004	116	45	7	ADA	QBAAQBA	A-74
37001	116	45	20	CBA	QBAAQBA	A-74
37002	116	46	2	CBC1	QBAAQBA	A-74
37000	116	46	13	DDD	QBAAQBA	A-74
37006	116	46	15	ADA	QBAAQBA	A-75
37005	116	46	20	BCC	QBAAQBA	A-75
37007	117	43	21	BBB	QBAAQBA	A-75
37003	117	46	26	CDD	QBAAQBA	A-75
37008	118	44	29	ACA	QBAAQBA	A-76
37009	119	43	4	CDD	QBAAQBA	A-76
37010	119	43	18	CBB	QWTAQWTA	A-76
37011	119	44	14	BBD	QBAAQBA	A-76
<b>Lake County</b>						
38013	57	11	32	CB	QBAAQBA	A-77
<b>Le Sueur County</b>						
40006	111	26	14	ADA1	QBAAQBA	A-78
40007	112	23	2	BAB1	CSTLCSTL	A-78
40005	112	23	6	DDD1	CSTLCSTL	A-78
<b>Lincoln County</b>						
41005	109	45	31	CCCD	QBAAQBA	A-79
41000	110	44	33	DCD1	KRET	A-79
41003	111	44	11	CBB	QBAAQBA	A-79
41004	111	46	4	BBC	QBAAQBA	A-79

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Lyon County						
42013	111	40	5	DCCC	QBAAQBAA	A-80
42012	111	41	17	ABCA	QBAAQBAA	A-80
McLeod County						
43004	115	28	5	ACC1	CMTSCMTS	A-84
43003	116	29	35	DDC1	QBAAQBAA	A-84
43001	117	27	10	DAA1	QBAAQBAA	A-84
Marshall County						
45000	155	47	11	AAA3	QBAAQBAA	A-81
45001	156	48	10	DAA2	QWTAQWTA	A-81
45002	157	48	27	BAA1	QBAAQBAA	A-81
Martin County						
46002	101	32	13	ADAA	QBAAQBAA	A-82
46003	102	29	20	BDDD	QBAAQBAA	A-82
46000	103	32	8	CDD1	KRETKRET	A-82
46004	104	30	5	BBAB	QBAAQBAA	A-82
46005	104	30	5	BBAB	QBAAQBAA	A-83
46001	104	33	28	BAB1	PYSXPYSX	A-83
Meeker County						
47000	119	30	19	AAB1	QWTAQWTA	A-85
47006	119	30	19	BCB	QBAAQBAA	A-85
47005	119	30	27	CCA		A-85
47002	119	31	20	AC	QBAAQBAA	A-85
47003	119	31	21	A	QBAAQBAA	A-86
47001	121	31	26	BDC1	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	ABC1	QBAAQBAA	A-87
Morrison County						
49000	39	31	16	BCB	QBAAQBAA	A-88
49001	39	31	23	DAA1	QWTAQWTA	A-88
49002	39	32	1	BBD	QWTAQWTA	A-88

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<b>Morrison County</b>						
49003	39	32	9	DCD	QWTAQWTA	A-88
49004	39	32	35	CAD1	QBAAQBAA	A-89
49005	39	32	35	CAD2	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	DCA2	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		A-91
49014	130	29	8	DCC1	QWTAQWTA	A-91
49026	132	30	18	DCC	QWTAQWTA	A-91
49025	133	31	21	CBB	QWTAQWTA	A-92
<b>Mower County</b>						
50003	102	18	5	ACB1	DCVADCVA	A-93
50000	103	17	9	DAA1	DCVADCVA	A-93
<b>Murray County</b>						
51004	105	43	18	BCC1	QWTAQWTA	A-94
51000	106	40	12	ABB1	QWTAQWTA	A-94
51005	107	41	32	DCCD	QBAAQBAA	A-94
51002	108	41	36	BBC1	QWTAQWTA	A-94
<b>Nobles County</b>						
53009	102	40	7	AAAA	QBAAQBAA	A-95
53010	102	43	32	DDAD	QBAAQBAA	A-95
53011	102	43	32	DDAD	QWTAQWTA	A-95
<b>Norman County</b>						
54006	143	44	29	ABA	QBAAQBAA	A-96
54002	143	44	32	ABC	QBAAQBAA	A-96
54005	144	44	7	BD	QBAAQBAA	A-96
54003	144	45	12	ACA	QBAAQBAA	A-96
54007	144	45	12	CCD	QBAAQBAA	A-97
54008	145	44	8	DDA	QBAAQBAA	A-97
54004	145	44	17	DAC	QBAAQBAA	A-97

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Olmsted County						
55000	106	14	14	ADB1	CJDNCJDN	A-98
Ottertail County						
56018	131	36	20	BCC1	QWTAQWTA	A-99
56019	131	36	31	DDD1	QWTAQWTA	A-99
56021	131	37	3	CBC1	QWTAQWTA	A-99
56034	131	37	8	CCD	QWTAQWTA	A-99
56043	131	37	13	DDC	QBAAQBA	A-100
56020	132	36	28	AAD1	QWTAQWTA	A-100
56022	132	37	16	BCD1	QWTAQWTA	A-100
56023	132	37	32	CAA1	QWTAQWTA	A-100
56024	132	37	36	ABB1	QWTAQWTA	A-101
56000	132	39	28	BBA	QWTAQWTA	A-101
56025	133	36	28	CCC1	QWTAQWTA	A-101
56026	133	37	23	CCB1	QWTAQWTA	A-101
56001	133	39	10	CCD1	QWTAQWTA	A-102
56003	133	40	13	CCA	QWTAQWTA	A-102
56005	134	36	2	DCC3	QWTAQWTA	A-102
56006	134	36	2	DCC4	QBAAQBA	A-102
56042	134	36	8	BCA	QBAAQBA	A-103
56037	134	37	14	CCC	QBAAQBA	A-103
56008	134	39	1	ACD2	QWTAQWTA	A-103
56040	134	39	29	CBC	QBAAQBA	A-103
56009	134	41	8	CCC1	QWTAQWTA	A-104
56010	134	41	15	CBC	QWTAQWTA	A-104
56031	134	43	14	ADB1	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	DAD2	QWTAQWTA	A-105
56014	136	39	19	ABD2	QBAAQBA	A-105
56032	136	43	10	AAA1	QWTAQWTA	A-106
56039	137	37	27	BCB	QBAAQBA	A-106
56041	137	39	18	ADA	QBAAQBA	A-106
56017	137	39	22	ACD1	QWTAQWTA	A-106
Pine County						
58005	39	20	18	DDD1	QWTAQWTA	A-107
58006	40	18	18	DBC1	QWTAQWTA	A-107
58004	41	18	33	AAD1	QWTAQWTA	A-107
58003	41	19	33	CCC	QWTAQWTA	A-107
58002	41	20	32	BBB1	QWTAQWTA	A-108
58001	44	19	10	BAB1	QWTAQWTA	A-108
58007	44	20	13	AAA1	QWTAQWTA	A-108
58000	45	20	26	DBB1	Q' TAQWTA	A-108

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<b>Pipestone County</b>						
59008	105	44	25	CBBB	QBAAQBAA	A-109
59000	106	44	33	CCD1	QWTAQWTA	A-109
59004	106	46	7	BBA	QWTAQWTA	A-109
59007	107	44	31	ABBB	QBAAQBAA	A-109
59005	107	46	12	DAD	QWTAQWTA	A-110
59006	107	46	28	BDB	QWTAQWTA	A-110
59002	107	47	12	CDC1	QWTAQWTA	A-110
<b>Pope County</b>						
61032	123	36	1	ACA2	QWTAQWTA	A-111
61039	123	36	4	ADDD	QBAA	A-111
61040	123	36	4	ADDD	QWTA	A-111
61000	123	40	4	BDA1	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	DAD1	QWTAQWTA	A-112
61030	123	40	30	DAD	QBAAQBAA	A-113
61001	124	36	20	DDD1	QWTAQWTA	A-113
61007	124	36	34	BBD	QBAAQBAA	A-113
61037	124	36	36	CBBB	QBAA	A-113
61018	124	40	5	BCC1	QWTAQWTA	A-114
61002	124	40	18	DAD1	QWTAQWTA	A-114
61020	124	40	30	BCC1	QWTAQWTA	A-114
61021	125	36	4	ADA1	QWTAQWTA	A-114
61022	125	36	16	BBB1	QWTAQWTA	A-115
61024	125	37	2	CBD		A-115
61025	125	37	2	BCC		A-115
61003	125	37	14	DBB1	QWTAQWTA	A-115
61012	125	37	15	ABB2	QWTAQWTA	A-116
61004	126	36	20	BCC1	QWTAQWTA	A-116
61008	126	36	20	BDD	QWTAQWTA	A-116
61035	126	36	20	ACDB	QBAA	A-116
61027	126	37	28	ABC		A-117
61033	126	37	34	DDDD	QBAA	A-117
61026	126	37	35	BCC		A-117
<b>Ramsey County</b>						
62009	29	22	14	CAB1	OPDCCJDN	A-118
62010	29	22	14	CAB2	TILLTILL	A-118
62011	29	22	14	CAB3	QBAAQBAA	A-118
62008	29	22	16	ADD1	QBAAQBAA	A-118
62001	29	22	24	ADA1	CJDNCJDN	A-119
62003	29	22	31	DDD1	OPDCCJDN	A-119
62002	29	23	11	CCC1	OSTPOSTP	A-119
62004	29	23	25	CCD1	PYHFPYHF	A-119

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Ramsey County						
62034	29	23	35	BAD1	OSTPOSTP	A-120
62033	30	22	23	CBB1	QBAAQBAA	A-120
62030	30	23	35	BDC1	CJDN CJDN	A-120
Redwood County						
64007	109	36	21	DCC1	QWTAQWTA	A-121
64009	109	37	9	CCC1	QWTAQWTA	A-121
64000	109	38	30	BBD1	KRET KRET	A-121
64008	110	38	20	CCD1	QWTAQWTA	A-121
64010	110	39	17	AAA1	QWTAQWTA	A-122
64013	112	37	21	CCC1	QWTAQWTA	A-122
64011	112	39	22	BBB1	QWTAQWTA	A-122
Rice County						
66015	110	20	19	BDC1	CJDN CJDN	A-123
66016	111	20	11	CDC1	OPDC OPDC	A-123
66017	112	21	31	CBB1	OPDC OPDC	A-123
Rock County						
67000	102	45	35	DDC1	QWTAQWTA	A-124
67001	102	46	14	AAA1	QWTAQWTA	A-124
67004	102	47	35	AADD	QBAAQBAA	A-124
67003	104	44	21	CDC1	QWTAQWTA	A-124
St. Louis County						
69051	57	16	3	ADD	QBAAQBAA	A-135
69000	57	20	5	DAD1	PXBIPXB1	A-135
69005	57	20	31	DBC1	QBAAQBAA	A-135
69009	58	18	12	CCC1	QBAAQBAA	A-135
69015	58	18	14	DAA1	QBAAQBAA	A-136
69001	58	20	16	DBC1	QBAAQBAA	A-136
69020	60	13	1	BBA1	QWTAQWTA	A-136
69050	61	18	4	BBA	QBAAQBAA	A-136
69002	63	12	26	ABB1	QWTAQWTA	A-137
Scott County						
70020	113	24	4	BBA		A-125
70001	113	24	6	BCB1	QBAAQBAA	A-125
70016	113	24	28	DAA1	CMTSCMTS	A-125
70017	113	24	28	DAA2	CIGLCIGL	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>						
70015	113	25	2	CAC1	CFRNCIGL	A-126
70007	114	21	20	BAA1	QBAAQBAA	A-126
70008	114	22	35	DCC1	OPDCOPDC	A-126
70002	115	21	9	CCC1	CMTSCMITS	A-126
70018	115	22	5	BAC		A-127
70019	115	23	16	CCD	QBAAQBAA	A-127
70021	115	23	28	BDD1	CJDNCJDN	A-127
70022	115	23	28	BDD2	CIGLCIGL	A-127
70023	115	23	28	BDD3	CMTSCMITS	A-128
<b>Sherburne County</b>						
71000	33	27	21	CCA1	QWTAQWTA	A-129
71001	33	27	21	CCA2	QWTAQWTA	A-129
71020	33	27	21	CCC1	CMTSCMSH	A-129
71005	33	27	29	CDC1	CMTSCMSH	A-129
71017	33	28	16	DDD2	QWTAQWTA	A-130
71009	34	27	10	DDD2	QWTAQWTA	A-130
71023	34	27	18	AAB1	QBAAQBAA	A-130
71010	34	28	4	ADA2	QWTAQWTA	A-130
71011	34	28	31	BDD2	QWTAQWTA	A-131
71012	34	28	36	CCC2	QWTAQWTA	A-131
71024	34	29	18	ACB	QWTAQWTA	A-131
71006	34	29	21	ABB2	QWTAQWTA	A-131
71021	34	29	21	ABB3	QWTAQWTA	A-132
71013	34	30	11	ACD2	QWTAQWTA	A-132
71025	34	30	12	ADA	QBAAQBAA	A-132
71026	34	30	13	ACB	QBAAQBAA	A-132
71002	35	26	15	DBB1	QWTAQWTA	A-133
71003	35	26	15	DBB2	QWTAQWTA	A-133
71018	35	27	7	CCA2	QWTAQWTA	A-133
71014	35	27	14	DCD1	QWTAQWTA	A-133
71007	35	27	29	DBB2	QWTAQWTA	A-134
71004	35	29	28	ABC1	QWTAQWTA	A-134
71016	35	30	10	CCB1	TILLTILL	A-134
<b>Stearns County</b>						
73033	121	29	1	ABBC	QWTAQWTA	A-138
73034	121	29	1	ABBC	QWTAQWTA	A-138
73036	121	29	1	BCAA	QWTAQWTA	A-138
73002	122	28	7	ABA2	QWTAQWTA	A-138
73003	122	28	30	BCC2	QWTAQWTA	A-139
73019	122	29	23	CAA2	QWTAQWTA	A-139
73022	122	29	25	DBD	QBAA	A-139
73028	122	29	36	CBCB	QWTAQWTA	A-139
73029	122	29	36	CBCB	QWTAQWTA	A-140
73032	122	29	36	ADCB	QWTAQWTA	A-140

## 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>Stearns County</b>						
73004	123	28	12	BAB2	QWTAQWTA	A-140
73005	123	28	30	ABA2	QWTAQWTA	A-140
73006	123	29	7	DBC2	QWTAQWTA	A-141
73020	123	29	27	CCC2	QWTAQWTA	A-141
73025	123	30	12	ADD	QWTAQWTA	A-141
73007	123	30	18	BCC2	QWTAQWTA	A-141
73008	123	32	33	AAD2	QWTAQWTA	A-142
73045	123	34	4	ABDC	QBAA	A-142
73046	123	34	4	ABDC	QWTA	A-142
73037	123	35	2	ADAA	QBAA	A-142
73038	123	35	2	ADAA	QWTA	A-143
73039	123	35	2	AADD	QBAA	A-143
73041	123	35	7	CABB	QBAA	A-143
73042	123	35	7	CABB	QWTA	A-143
73026	123	35	17	ADC1	QWTAQWTA	A-144
73043	123	35	33	CCCC	QBAA	A-144
73044	123	35	33	CCCC	QWTA	A-144
73010	124	28	6	CDD	QWTAQWTA	A-144
73001	124	28	21	CDA1	QWTAQWTA	A-145
73023	124	35	36	DCA	QBAA	A-145
73011	125	30	22	CDD1	QWTAQWTA	A-145
73012	125	33	3	CDA2	QWTAQWTA	A-145
73015	126	28	17	CAA1	QWTAQWTA	A-146
73024	126	28	33	BCA	QBAA	A-146
73017	126	30	17	ABC2	QWTAQWTA	A-146
73018	126	34	23	CDA1	QWTAQWTA	A-146
73027	126	35	9	BAD	QWTAQWTA	A-147
<b>Steele County</b>						
74000	106	20	30	BAD1	OGWDQWD	A-148
<b>Stevens County</b>						
75006	123	41	3	BCD	QBAAQBAA	A-149
75004	123	41	27	DBD	QBAAQBAA	A-149
75012	123	41	27	CBB	QBAAQBAA	A-149
75003	123	42	4	BBD	QBAAQBAA	A-149
75002	123	42	21	BBC	QWTAQWTA	A-150
75017	123	44	13	BDB	QBAAQBAA	A-150
75016	124	41	12	ACA	QBAAQBAA	A-150
75013	124	42	30	ABA	QBAAQBAA	A-150
75001	124	42	35	BBB	QWTAQWTA	A-151
75008	126	41	13	CB	QWTAQWTA	A-151
75014	126	42	36	CCC	QBAAQBAA	A-151
75015	126	44	14	BBB	QBAAQBAA	A-151

## 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>Swift County</b>						
76026	120	41	11	B	QBAAQBAA	A-152
76016	120	41	12	BBA	QBAAQBAA	A-152
76027	120	41	12	BBA		A-152
76042	120	41	17	AAB	QWTAQWTA	A-152
76020	120	42	4	BBA	QBAAQBAA	A-153
76029	120	42	4	BBA		A-153
76004	120	42	22	AAA	QWTAQWTA	A-153
76044	120	42	28	DDD		A-153
76045	120	42	28	DDD		A-154
76001	120	43	2	DDD1	QWTAQWTA	A-154
76022	120	43	7	ABB	QBAAQBAA	A-154
76031	120	43	7	BBA		A-154
76007	120	43	13	DDD	QWTAQWTA	A-155
76030	120	43	23	BCB	QBAAQBAA	A-155
76034	121	37	10	CCC	QBAAQBAA	A-155
76032	121	38	29	BDA	QBAAQBAA	A-155
76014	121	39	6	BDB1	QBAAQBAA	A-156
76013	121	39	7	AAC1	QBAAQBAA	A-156
76036	121	39	28	AAA	QBAAQBAA	A-156
76018	121	40	8	AAA	QBAAQBAA	A-156
76019	121	40	14	BAC	QBAAQBAA	A-157
76040	121	40	35	ABBB	QBAA	A-157
76041	121	40	35	ABB2		A-157
76035	121	42	17	ABB	QBAAQBAA	A-157
76011	121	42	30	DAD	QWTAQWTA	A-158
76012	121	43	32	CCC	QWTAQWTA	A-158
76024	121	43	32	BAA	QBAAQBAA	A-158
76025	121	43	32	ACC	QBAAQBAA	A-158
76033	122	38	22	BCA	QBAAQBAA	A-159
76015	122	39	20	BBC	QBAAQBAA	A-159
76038	122	40	11	DDAA	QBAA	A-159
76039	122	40	11	DDA2		A-159
76037	122	40	26	DDD	QWTAQWTA	A-160
76043	122	41	25	CDD		A-160
76017	122	41	27	DAA	QBAAQBAA	A-160
76028	122	41	27	CCB		A-160
<b>Todd County</b>						
77034	127	33	10	DDD	QBAAQBAA	A-161
77011	127	33	13	DBA	QWTAQWTA	A-161
77030	128	33	5	BBB	QWTAQWTA	A-161
77033	128	33	6	AAA	QBAAQBAA	A-161
77009	129	33	5	CDC	QWTAQWTA	A-162
77028	129	33	9	CAA	QWTAQWTA	A-162
77012	130	33	2	AAA	QWTAQWTA	A-162
77026	130	33	4	DBD	QWTAQWTA	A-162
77029	130	33	4	BAB	QWTAQWTA	A-163
77027	130	33	16	BBA1	QWTAQWTA	A-163

## 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>Todd County</b>						
77008	130	33	17	DBB	QWTAQWTA	A-163
77015	131	32	18	BCC	QWTAQWTA	A-163
77031	131	33	15	CDD	QWTAQWTA	A-164
77013	131	34	25	CBC	QWTAQWTA	A-164
77014	131	35	13	DAA	QWTAQWTA	A-164
77020	132	32	6	CBA	QWTAQWTA	A-164
77022	132	32	8	CBC	QWTAQWTA	A-165
77021	132	33	2	DDD	QWTAQWTA	A-165
77016	132	33	26	DCC1	QWTAQWTA	A-165
77032	133	32	5	ABC	QWTAQWTA	A-165
77018	133	32	14	CCC	QWTAQWTA	A-166
77006	133	32	19	DCC	QWTAQWTA	A-166
77019	133	32	20	DCD	QWTAQWTA	A-166
77000	133	35	2	CAC1	QWTAQWTA	A-166
77001	133	35	7	CCC1	QWTAQWTA	A-167
<b>Traverse County</b>						
78000	129	47	25	CDC1	QWTAQWTA	A-168
<b>Wabasha County</b>						
79000	111	12	4	BBD1	CMTSCMTS	A-169
<b>Wadena County</b>						
80001	134	34	12	BAD1	QWTAQWTA	A-170
80002	134	34	19	ADD1	QWTAQWTA	A-170
80003	134	34	27	DAA	QWTAQWTA	A-170
80005	134	35	9	DBC	QWTAQWTA	A-170
80023	135	33	3	ACB	QWTAQWTA	A-171
80021	135	33	5	CBC	QWTAQWTA	A-171
80024	135	33	14	ADD1	QWTAQWTA	A-171
80026	135	33	34	AAD	QWTAQWTA	A-171
80006	135	34	16	DAC	QBAAQBAA	A-172
80027	136	33	19	BCB	QWTAQWTA	A-172
80028	136	33	36	BCB	QWTAQWTA	A-172
80029	137	33	29	DAA1	QBAAQBAA	A-172
80030	137	34	7	DDD1	QWTAQWTA	A-173
80022	137	34	35	CDC	QWTAQWTA	A-173
80031	138	33	6	DDD	QWTAQWTA	A-173
80032	138	34	15	CCC	QWTAQWTA	A-173
<b>Washington County</b>						
82013	27	20	2	BCC1	QBAAQBAA	A-174

<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>	<u>Qtr-Sec</u>	<u>Aquifer</u>	<u>Page</u>
<b>Washington County</b>						
82014	27	20	2	BCC2	CIGLCIGL	A-174
82015	27	20	2	BCC3	CMTSCMTS	A-174
82016	27	21	28	BCC1	OPDCCJDN	A-174
82011	28	20	11	CAA1	CFRNCFRN	A-175
82012	28	20	34	ADA1	KRETKRET	A-175
82005	29	21	6	CAD1	OSTPOSTP	A-175
82028	29	21	10	CCC1	CJDNCJDN	A-175
82022	30	20	3	CAD1	CIGLCIGL	A-176
82023	30	20	3	CAD2	QBAAQBAA	A-176
82024	30	20	3	CAD3	QBAAQBAA	A-176
82035	31	20	7	AAA	OPDCOPDC	A-176
82037	31	20	7	AAA	QWTAQWTA	A-177
82033	31	20	18	AAA	OPDCOPDC	A-177
82032	31	21	27	ABB	OPDCOPDC	A-177
82029	31	21	28	ABD1	OPDCOPDC	A-177
82030	32	20	30	BCD1	OPDCCJDN	A-178
82031	32	20	34	BDB	OPDCOPDC	A-178
82034	32	21	36	CDD	OPDCOPDC	A-178
82036	32	21	36	CDD	QWTAQWTA	A-178
<b>Watonwan County</b>						
83015	105	32	28	ABBA	QBAAQBAA	A-179
83013	106	31	19	DDB	QBAAQBAA	A-179
83000	106	32	1	DDB1	QWTAQWTA	A-179
83014	106	33	27	BDB		A-179
83009	107	31	14	DAC1	KRETKRET	A-180
83012	107	31	27	AAC	KRETKRET	A-180
83010	107	31	35	CAC1	CMTSCMTS	A-180
83011	107	32	16	BAD	QBAAQBAA	A-180
<b>Wilkin County</b>						
84018	135	46	2	C	QBAAQBAA	A-181
84019	135	46	16	A	QBAAQBAA	A-181
<b>Winona County</b>						
85001	106	10	19	DDA2	CIGLCIGL	A-182
<b>Wright County</b>						
86007	118	27	15	CDC1	QBAAQBAA	A-183
86003	119	26	24	BAB2	QWTAQWTA	A-183
86001	119	26	35	DDA1	CMTSCMSH	A-183
86004	121	23	22	ACC1	QWTAQWTA	A-183

## 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>
Wright County						
86005	121	25	15	BBA2	QWTAQWTA	A-184
86006	122	27	11	AAC2	QWTAQWTA	A-184
Yellow Medicine County						
87002	114	45	4	DCD1	QWTAQWTA	A-185
87003	115	39	16	DCD	QBAAQBAA	A-185



## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: PEAT  
Observer: SWCD

Depth: 13.0  
Years of Record: 17

## 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	0.3	0.1	0.3	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	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	0.9	0.7	0.8	1.1	1.6	2.8
Lo Yr	1976	1976	1986	1977	1982	1989	1988	1988	1989	1988	1988	1976
<b>WATER YEAR 89</b>						0.63	0.66		0.81	0.98	1.16	1.33
Rdg	1.15	1.13				24	26		15	12	28	25
Day	12	30										

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

Aquifer: QBAAQBA  
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	11.2	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 89</b>						12.09	12.12		12.17	12.42	12.12	11.86
Rdg	12.17	12.05	12.12			24	26		15	12	28	25
Day	13	30	21									

Anoka County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

T31 R22 S18 QQQ: AAA1  
Obwell # 2007

Aquifer: CFRNCIGL  
Observer: SWCD

Depth: 270.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.7	11.0	10.7	10.3	11.1	10.9	10.5	10.8	12.3	12.9	13.0	12.5
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	16.9	15.6	15.3	11.7	12.3	15.1	15.3	16.2	17.0	23.9	18.7	20.3
Lo Yr	1988	1988	1988	1977	1977	1989	1989	1989	1989	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	16.94	15.64	15.28			15.05	15.28	16.19	16.96	19.92	18.26	18.58
Day	17	17	7			30	28	30	30	30	31	29

T31 R22 S18 QQQ: AAA2  
Obwell # 2008

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 214.0  
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	11.2	11.0	10.5	11.4	11.2	10.7	11.3	12.7	13.0	13.3	12.7
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	17.4	16.0	15.7	12.1	12.7	15.4	15.4	16.7	21.9	24.3	19.1	20.7
Lo Yr	1988	1988	1988	1977	1977	1989	1989	1989	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	17.35	16.01	15.66			15.42	15.40	16.67	18.78	20.42	18.56	18.12
Day	17	17	7			30	28	30	30	30	31	29

T31 R22 S18 QQQ: AAA3  
Obwell # 2009

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 125.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.6	10.1	10.2	9.3	10.2	10.1	10.1	10.7	11.2	11.3	10.8	11.2
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	15.5	14.6	14.4	10.4	10.7	14.2	14.0	15.7	17.9	20.3	17.6	17.5
Lo Yr	1988	1988	1988	1979	1978	1989	1989	1989	1988	1988	1988	1989
<u>WATER YEAR 89</u>												
Rdg	15.46	14.61	14.41			14.18	13.95	15.68	17.54	19.27	17.39	17.51
Day	17	17	7			30	28	30	30	30	31	29

T31 R22 S18 QQQ: AAA5  
Obwell # 2010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.2  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.3	5.3	5.4	5.6	5.7	5.3	4.7	4.9	5.2	4.8	5.2	5.2
High WL	4.7	3.7	4.9	5.0	5.4	3.4	3.5	3.1	4.4	2.7	3.8	4.6
Hi Yr	1980	1972	1972	1973	1971	1972	1979	1975	1971	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
<u>WATER YEAR 89</u>												
Rdg	5.81	5.59	5.70			5.15	4.76	5.09	5.21	5.38	5.42	5.49
Day	17	17	7			30	28	30	30	30	31	29

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 277.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.1	11.7	10.7	11.3	11.2	11.5	10.4	11.2	11.0	11.3	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	12.7	17.1	12.2	15.3	13.6	15.3	12.3	15.8	16.2	15.5	18.3	18.0
Lo Yr	1986	1988	1976	1988	1987	1988	1989	1989	1987	1987	1989	1989
<u>WATER YEAR 89</u>												
Rdg		17.09			12.72			12.27			18.29	
Day		15			26			4	10		20	5

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

Aquifer: QBAAQBA  
Observer: USGS

Depth: 193.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.8	20.2	21.3	20.6	21.5	24.6	24.1			28.4	37.0	28.4
High WL	18.8	19.3	19.7	20.6	19.9	24.6	18.4			26.8	37.0	21.5
Hi Yr	1985	1986	1986	1987	1986	1989	1986			1986	1989	1985
Low WL	24.7	21.2	23.5	20.6	23.7	24.6	32.4			31.3	37.0	41.1
Lo Yr	1988	1980	1988	1987	1988	1989	1989			1983	1989	1989
<u>WATER YEAR 89</u>												
Rdg		24.73					24.56	32.44			37.00	
Day		29					4	22			16	21

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

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	10.1	9.7	9.5	9.9	10.5	10.0	9.4	8.5	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	12.2	12.5	11.5	12.9	13.2	13.2	12.1	11.3	11.2	11.9	11.3	12.4
Lo Yr	1976	1976	1969	1977	1977	1977	1977	1977	1977	1988	1977	1988
<u>WATER YEAR 89</u>												
Rdg		12.24			12.57			11.95	10.58			
Day		29			26			4	22			

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

Aquifer: CFRNCFRN  
Observer: USGS

Depth: 141.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.1	21.4	20.9	21.7	20.7	21.8	22.4	21.7	21.7	21.1	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	21.1	23.5	21.6	23.6	20.7	23.1	23.4	23.3	21.7	23.6	23.6	23.6
Lo Yr	1980	1988	1980	1989	1987	1988	1989	1989	1987	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg		23.47			23.64			23.41	23.27			
Day		29			26			4	22			

Anoka County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T33 R24 S30 QQQ: ABB1**  
Obwell # 2015

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 280.0  
Years of Record: 13

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	30.5	30.4	29.8	30.4	29.3	30.2	31.8	29.7	30.6	30.0	32.0	30.7
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	30.5	32.8	30.9	32.8	29.3	31.8	32.0	32.0	30.6	32.7	32.9	32.9
Lo Yr	1980	1988	1980	1989	1987	1988	1989	1989	1987	1988	1989	1988
<u>WATER YEAR 89</u>							31.96	31.96			32.88	32.77
Rdg		32.83		32.82			4	22			16	21
Day		29		26								

**T34 R24 S25 QQQ: DAC1**  
Obwell # 2025

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 17

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.3	9.7	10.5	9.4		9.9	9.4	8.6	9.9	9.5	10.6	10.3
High WL	8.1	8.5	8.5	9.1		8.4	7.8	7.0	7.2	7.5	8.5	8.7
Hi Yr	1986	1986	1986	1983		1984	1986	1986	1986	1983	1986	1986
Low WL	12.1	12.0	11.7	10.0		11.4	10.7	10.2	11.2	11.8	12.0	12.7
Lo Yr	1988	1988	1988	1982		1988	1988	1988	1989	1988	1989	1989
<u>WATER YEAR 89</u>		12.09	12.00	11.65			9.45	9.38	10.19	11.22	11.50	12.03
Rdg		17	17	7			30	28	30	30	30	29
Day												

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer:  
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	6.2	6.2	6.3			6.0	5.9	6.1	6.2	6.5	6.4	6.2
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 89</u>												
Rdg	6.20	6.31	6.39			6.45	5.59	6.07	6.26	6.82	6.75	6.16
Day	4	14	9			20	11	25	13	19	16	18

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 89.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	53.0	52.9	52.9	53.5	53.0	52.9	52.8	52.8	52.8	53.1	52.9	52.8
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	1984
<u>WATER YEAR 89</u>												
Rdg	53.60	53.38	53.16			53.47	53.22	52.71	52.83	53.28	53.38	53.04
Day	4	14	9			20	11	25	13	19	16	18

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 77.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	59.3	59.5	59.6	59.4	59.8	59.6	59.5	59.2	59.2	59.2	59.2	59.3
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	60.1	60.1	60.1	60.3
Lo Yr	1984	1984	1984	1984	1984	1984	1984	1984	1984	1984	1982	1982
<u>WATER YEAR 89</u>												
Rdg	59.48	59.66	59.72			60.09	59.78	59.45	59.53	59.71	59.86	59.93
Day	4	14	9			20	11	25	13	19	16	18

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

Aquifer:  
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	27.1	27.3	27.3			27.4	27.1	26.9	26.8	26.8	27.0	27.1
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	28.0			28.2	27.8	27.7	27.6	27.9	28.1	28.0
Lo Yr	1983	1983	1983			1989	1985	1984	1989	1989	1989	1984
<u>WATER YEAR 89</u>												
Rdg	27.37	27.92	28.02			28.24	27.58	27.50	27.62	27.87	28.05	27.85
Day	4	14	9			20	11	25	13	19	16	18

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 15.5  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.7	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 89</u>	Rdg	9.23	9.25	9.20	9.23	9.22	9.00	7.47	7.35	7.53	7.90	8.68
	Day	18	14	19	16	16	16	14	16	13	15	14
												8.16
												18

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave											19.0	18.9
High WL											19.0	18.9
Hi Yr											1989	1989
Low WL											19.0	18.9
Lo Yr											1989	1989
<u>WATER YEAR 89</u>	Rdg										18.98	18.90
	Day										14	18

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave											18.1	18.6
High WL											18.1	18.6
Hi Yr											1989	1989
Low WL											18.1	18.6
Lo Yr											1989	1989
<u>WATER YEAR 89</u>	Rdg										18.08	18.58
	Day										14	18

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave												10.1
High WL												10.1
Hi Yr												1989
Low WL												10.1
Lo Yr												1989
<u>WATER YEAR 89</u>	Rdg											
	Day											

Becker County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.5	6.5	6.6			6.7	6.5	6.3	6.2	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	1989
<u>WATER YEAR 89</u>	<u>Rdg</u>	<u>6.83</u>	<u>6.98</u>	<u>6.90</u>		<u>7.24</u>	<u>6.43</u>	<u>6.28</u>	<u>6.28</u>	<u>6.70</u>	<u>7.07</u>	<u>6.93</u>
	<u>Day</u>	<u>4</u>	<u>14</u>	<u>9</u>		<u>20</u>	<u>11</u>	<u>25</u>	<u>13</u>	<u>19</u>	<u>16</u>	<u>18</u>

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	2.4	2.5	2.8			3.1	2.4	2.2	2.2	2.8	3.1	3.0
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	4.2			4.7	3.4	3.1	4.0	4.5	4.7	4.5
Lo Yr	1988	1988	1988			1989	1989	1988	1988	1988	1989	1988
<u>WATER YEAR 89</u>	<u>Rdg</u>	<u>4.28</u>	<u>4.21</u>	<u>4.23</u>		<u>4.68</u>	<u>3.38</u>	<u>2.87</u>	<u>3.08</u>	<u>4.10</u>	<u>4.73</u>	<u>4.34</u>
	<u>Day</u>	<u>4</u>	<u>14</u>	<u>9</u>		<u>20</u>	<u>11</u>	<u>25</u>	<u>13</u>	<u>19</u>	<u>16</u>	<u>18</u>

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave											46.4	45.3
High WL											46.4	45.3
Hi Yr											1989	1989
Low WL											46.4	45.3
Lo Yr											1989	1989
<u>WATER YEAR 89</u>	<u>Rdg</u>										<u>46.44</u>	<u>45.26</u>
	<u>Day</u>										<u>14</u>	<u>18</u>

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave											41.9	42.0
High WL											41.9	42.0
Hi Yr											1989	1989
Low WL											41.9	42.0
Lo Yr											1989	1989
<u>WATER YEAR 89</u>	<u>Rdg</u>										<u>41.91</u>	<u>41.99</u>
	<u>Day</u>										<u>14</u>	<u>18</u>

Becker County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

T140 R36 S25 QQQ: BBD  
Obwell # 3123Aquifer: QWTAQWTA  
Observer: SWCDDepth: 89.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	18.3						17.7	20.1				
High WL	15.1						16.0	20.1				
Hi Yr	1985						1986	1984				
Low WL	20.7						18.8	20.1				
Lo Yr	1984						1989	1984				
<u>WATER YEAR 89</u>							18.76					
Rdg	19.98						17					
Day	18											

T140 R36 S26 QQQ: AAA  
Obwell # 3122Aquifer: QBAAQBAA  
Observer: SWCDDepth: 57.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.7						21.8	22.7		19.2	19.2	18.6
High WL	17.9						18.6	22.7		19.2	19.2	18.6
Hi Yr	1985						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
<u>WATER YEAR 89</u>							23.49					
Rdg	22.63						14					
Day	18											

T140 R36 S26 QQQ: DAA  
Obwell # 3124Aquifer: QWTAQWTA  
Observer: SWCDDepth: 66.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.9						12.8	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				
<u>WATER YEAR 89</u>							15.12					
Rdg	14.41						14					
Day	18											

T140 R36 S29 QQQ: ABA1  
Obwell # 3127Aquifer:  
Observer: SWCDDepth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave											5.2	5.1
High WL											5.2	5.1
Hi Yr											1989	1989
Low WL											5.2	5.1
Lo Yr											1989	1989
<u>WATER YEAR 89</u>											5.24	5.13
Rdg											14	18
Day												

Becker County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 110.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	32.9						31.8	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 89</u>							33.45					
Rdg	33.94						17					
Day	18											

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 38.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	34.0	33.8	33.3	34.4	34.7	33.8	33.7	33.5	33.8	34.5	34.9	34.6
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	34.4	34.4	34.7	34.6	34.2	34.3	34.8	35.8	36.1	35.7
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg	34.91	34.58	34.40	34.42	34.68	34.55	34.16	33.50	33.56	34.61	36.07	35.23
Day	17	14	19	16	18	17	13	16	13	15	14	18

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 52.6  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.0	30.8	31.2	31.9	32.1	31.4	31.2	31.1	31.3	31.2	31.1	31.2
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 89</u>												
Rdg	31.09	31.29	31.41			32.03	30.98	31.23	31.37	31.59	31.73	31.54
Day	4	14	9			20	11	25	13	19	16	18

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.9  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	27.7	27.8	27.8	28.2	28.3	28.3	27.7	27.5	27.7	27.7	27.9	27.7
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 89</u>												
Rdg	27.72	27.83	27.94	28.07	28.18	28.33	26.94	26.72	26.94	27.47	28.08	28.02
Day	17	14	19	16	18	16	13	16	13	15	14	18

Beltrami County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							24.0	23.5	23.2	22.5	24.3	23.4
High WL							24.1	23.5	23.2	22.5	24.3	23.4
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							24.1	23.5	23.2	22.5	24.3	23.4
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							24.05	23.47	23.24	22.54	24.27	23.44
Rdg							19	24	20	17	23	21
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.5  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							25.1	24.6	24.4	24.4	24.8	24.9
High WL							25.1	24.6	24.4	24.4	24.8	24.9
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							25.1	24.6	24.4	24.4	24.8	24.9
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							25.11	24.61	24.40	24.43	24.80	24.94
Rdg							19	24	20	17	23	21
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 76.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							15.9	16.1	16.2	12.8	17.0	17.1
High WL							15.9	16.1	16.2	12.8	17.1	17.1
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							15.9	16.1	16.2	12.8	17.1	17.1
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							15.94	16.07	16.21	12.81	17.05	17.07
Rdg							24	24	20	17	23	21
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							11.5	11.5	11.6	15.5	12.3	12.2
High WL							11.5	11.5	11.6	15.5	12.3	12.2
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							11.5	11.5	11.6	15.5	12.3	12.2
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							11.48	11.53	11.57	15.50	12.27	12.20
Rdg							24	24	20	17	23	21
Day												

Beltrami County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 1

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							7.8	7.8	7.8	8.1	8.5	6.8
High WL							7.8	7.8	7.8	8.1	8.5	6.8
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							7.8	7.8	7.8	8.1	8.5	6.8
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg							7.78	7.80	7.84	8.06	8.51	6.80
Day							24	24	20	17	23	21

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.5  
Years of Record: 1

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							10.7	10.7	10.7	11.0	11.5	11.1
High WL							10.7	10.7	10.7	11.0	11.5	11.2
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							10.7	10.7	10.7	11.0	11.5	11.2
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg							10.66	10.66	10.69	11.03	11.51	11.15
Day							18	24	20	17	23	21

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.0  
Years of Record: 1

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							4.9	5.6	5.9	6.8	8.4	7.8
High WL							4.9	5.6	5.9	6.8	8.4	7.8
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							4.9	5.6	5.9	6.8	8.4	7.8
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg							4.87	5.55	5.90	6.79	8.38	7.82
Day							18	24	21	17	23	21

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.0  
Years of Record: 1

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							28.7	27.8	27.5	28.0	27.9	27.9
High WL							28.7	27.8	27.5	28.0	27.9	27.9
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							28.7	27.8	27.5	28.0	27.9	27.9
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg							28.74	27.82	27.50	28.02	27.92	27.90
Day							19	24	20	17	23	21

Beltrami County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

T147 R33 S8 QQQ: CCC  
Obwell # 4020Aquifer: QWTAQWTA  
Observer: SWCDDepth: 20.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								13.6	13.6	13.5	13.8	13.9
High WL								13.6	13.6	13.5	13.8	13.9
Hi Yr								1989	1989	1989	1989	1989
Low WL								13.6	13.6	13.5	13.8	13.9
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg								13.60	13.55	13.50	13.79	13.93
Day								24	20	17	23	21

T147 R33 S15 QQQ: AAB  
Obwell # 4021Aquifer: QWTAQWTA  
Observer: SWCDDepth: 21.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								9.3	9.0	9.0	9.5	9.3
High WL								9.3	9.0	9.0	9.5	9.3
Hi Yr								1989	1989	1989	1989	1989
Low WL								9.3	9.0	9.0	9.5	9.3
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg								9.30	9.02	8.97	9.47	9.31
Day								19	24	20	23	21

T147 R34 S15 QQQ: DDA  
Obwell # 4022Aquifer: QWTAQWTA  
Observer: SWCDDepth: 14.8  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								11.7	11.4	11.4		
High WL								11.7	11.4	11.4		
Hi Yr								1989	1989	1989		
Low WL								11.7	11.4	11.4		
Lo Yr								1989	1989	1989		
<u>WATER YEAR 89</u>												
Rdg								11.67	11.43	11.43		
Day								18	23	20		

T147 R34 S19 QQQ: BAD  
Obwell # 4023Aquifer: QWTAQWTA  
Observer: SWCDDepth: 32.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								15.9	14.9	15.0	14.8	15.0
High WL								15.9	14.9	15.0	14.8	15.2
Hi Yr								1989	1989	1989	1989	1989
Low WL								15.9	14.9	15.0	14.8	15.2
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg								15.85	14.90	14.98	14.83	15.00
Day								18	24	20	17	21

Beltrami County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 20.0  
Years of Record: 20

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.0	9.1	9.2	9.4	9.5	9.7	9.3	8.8	8.9	9.0	8.8	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	10.0	10.2	10.1	10.4	10.7	10.6	10.1	10.4	10.2	10.3	10.6	9.9
Lo Yr	1984	1988	1980	1989	1989	1981	1977	1981	1977	1977	1977	1981
<u>WATER YEAR 89</u>												
Rdg	9.92	10.23		10.37	10.69	10.63		9.58	9.26	9.35		9.74
Day	17	28		6	13	31		8	19	31		14

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.0  
Years of Record: 1

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							17.3	16.8	15.8	16.8	16.4	16.8
High WL							17.3	16.8	15.8	16.8	16.4	16.8
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							17.3	16.8	15.8	16.8	16.4	16.8
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							17.34	16.81	15.83	16.84	16.44	16.79
Rdg							24	30	20	17	23	21
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 1

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							6.5	5.8	5.8	6.2	7.1	10.0
High WL							6.5	5.8	5.8	6.2	7.1	10.0
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							6.5	5.8	5.8	6.2	7.1	10.0
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							6.48	5.83	5.82	6.23	7.10	10.03
Rdg							18	24	20	17	23	21
Day												

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 157.1  
Years of Record: 10

	MONTHLY WATER LEVEL SUMMARY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	105.5	97.9	97.0	101.8	101.6	96.7	97.0	95.0	97.0	95.4	107.9	105.9
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 89</u>	107.76	107.10	106.94			105.99	105.62	106.10	106.10	106.06	105.60	105.70
Rdg	25	22	29			29	18	26	21	21	24	21
Day												

Beltrami County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: TILLTILL  
Observer: SWCD

Depth: 64.8  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.0	20.2	20.6	22.1	24.8	24.5	21.5	17.1	17.9	17.1	24.9	20.8
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	28.3	25.0	23.8	28.6	39.0	28.8
Lo Yr	1988	1987	1988	1985	1985	1989	1981	1985	1985	1988	1987	1987
WATER YEAR 89							36.57	21.61	21.10	16.57	19.74	26.17
Rdg	29.97	27.43	31.46				29	18	26	21	21	24.75
Day	25	22	29									21

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 129.8  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	101.1	95.5	101.0	78.3	100.6	101.0	101.8	101.4	101.6	97.7	105.1	101.5
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	103.8	104.3	104.4	104.3	104.0	118.3	110.9
Lo Yr	1987	1987	1987	1984	1985	1988	1989	1989	1989	1989	1987	1987
WATER YEAR 89							97.75	104.29	104.35	104.31	104.03	103.73
Rdg	103.63	103.67	103.76				29	18	26	21	21	24
Day	25	22	29									21

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 107.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.0	3.4	3.6	2.7	4.0	2.8	2.9	3.3	3.1	4.8	5.2	4.1
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
WATER YEAR 89									3.35	2.33	4.19	4.18
Rdg	1.63	2.69	3.67						21	21	24	20
Day	25	22	29									

Benton County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 19.0  
 Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.6	8.2	8.6	8.5	9.4	9.9	8.9	8.5	8.5	8.5	8.8	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	12.6	12.8	13.0	10.6	11.1	13.6	12.8	12.5	12.3	12.4	12.7	12.9
Lo Yr	1988	1988	1988	1978	1982	1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>						13.60	12.80	12.48	12.26	12.36	12.65	12.86
Rdg	12.57	12.78	12.98			10	5	2	5	5	8	7
Day	3	1	2									

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 36.0  
 Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	26.4	26.1	25.8	26.0	26.9	26.4	26.3	26.1	26.3	26.6	27.2	26.7
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	30.8	30.5	30.3	31.0	32.2	32.1
Lo Yr	1977	1977	1988	1978	1977	1989	1989	1989	1977	1977	1977	1977
<b>WATER YEAR 89</b>						30.85	30.80	30.52	30.22	30.46	32.07	31.10
Rdg	30.87	30.43	30.38			10	5	2	5	5	8	7
Day	3	1	2									

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

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 130.0  
 Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.6	23.6	22.8	23.1	24.0	23.8	23.0	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	25.6	28.0	26.1	26.0	23.9	26.6
Lo Yr	1988	1981	1981	1981	1981	1978	1982	1989	1981	1981	1983	1981
<b>WATER YEAR 89</b>								28.00				
Rdg	27.82							2				
Day	3											

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 13.0  
 Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.7	5.1	5.5	5.6	6.3	6.2	5.3	4.9	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
<b>WATER YEAR 89</b>						8.42	7.25	6.48	6.00	6.32	7.10	6.57
Rdg	7.84	8.04	8.06			10	5	2	5	5	7	7
Day	3	1	2									

Big Stone County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T121 R44 S27 QQQ: CCC1**  
Obwell # 6000

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 22.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.3	7.3	7.0	7.3	8.1	7.8	6.7	6.5	5.7	6.5	7.1	7.2
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	8.3	7.9	7.8	7.7	8.0	8.4	8.5
Lo Yr	1976	1977	1981	1977	1977	1981	1983	1977	1977	1981	1976	1976
<u>WATER YEAR 89</u>												
Rdg	7.92				8.18			7.43				7.62
Day	12				5			28				16

**T122 R46 S11 QQQ: DDD**  
Obwell # 6008

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 246.5  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	26.8	26.7	26.7	27.6	27.6	26.4	26.7	26.3	26.8	27.0	27.1	27.1
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	27.4	27.5	27.7	27.7	28.6	28.7	28.9
Lo Yr	1984	1984	1984	1985	1985	1985	1985	1985	1985	1984	1984	1984
<u>WATER YEAR 89</u>												
Rdg	27.42	27.45	27.41			27.32	27.29		27.38	27.72	27.60	27.65
Day	19	30	29			31	28		5	28	25	27

**T124 R48 S17 QQQ: AAA1**  
Obwell # 6002

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 282.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.8	14.3	15.4	14.8	14.3	13.8	14.9	13.2	14.5	19.2	17.2	15.4
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	13.6	16.8	22.1	21.8	17.1
Lo Yr	1983	1982	1983	1983	1984	1982	1984	1989	1984	1988	1982	1981
<u>WATER YEAR 89</u>												
Rdg		14.85				14.89			13.57			
Day		18				24			16			

**T124 R48 S31 QQQ: BBB1**  
Obwell # 6006

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 29.5  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.2	11.1	11.7	11.8	12.7	11.0	10.1	9.9	9.7	8.5	9.5	11.2
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	9.9	11.2	16.5
Lo Yr	1981	1983	1981	1984	1981	1981	1979	1978	1981	1986	1978	1977
<u>WATER YEAR 89</u>												
Rdg	8.14	8.22	8.28			8.44	8.48		8.52	8.62	8.65	8.72
Day	19	30	29			31	28		2	28	25	27

Big Stone County

DNR Region 4

SUMMARY FOR 1989 WATER YEAR

T124 R49 S2 QQQ: DDD1  
Obwell # 6007

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 21.5  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.2	10.2	10.6	11.4	11.4	9.7	8.7	9.0	9.0	9.0	9.4	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 89						8.86	8.97		9.24	9.89	10.10	9.56
Rdg	10.45	10.52	10.52			31	28		2	28	25	27
Day	19	30	29									

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: CFRNCIGL  
Observer: USGS

Depth: 390.0  
Years of Record: 17

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	74.3	74.4	74.4	74.2	74.2	74.3	74.1	73.8	73.9	74.0	74.2	74.4
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	76.1	75.9	75.8	76.0	76.0	75.8	75.4	75.4	75.7	76.0	76.1	76.5
Lo Yr	1977	1977	1976	1979	1978	1979	1989	1977	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg			75.40			75.70	75.44		75.71	76.04	76.09	76.50
Day			2			2	6		25	5	5	27

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

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 313.0  
Years of Record: 11

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	94.0	93.9	94.4	92.6	94.2	93.5	93.9	94.1	93.8	94.9	93.8	
High WL	93.0	92.6	93.2	92.6	93.2	92.6	92.7	92.9	92.5	94.8	92.7	
Hi Yr	1984	1986	1985	1987	1986	1987	1986	1987	1986	1989	1986	
Low WL	95.3	94.8	95.2	92.6	95.2	94.5	95.1	94.9	95.4	95.1	95.2	
Lo Yr	1981	1979	1981	1987	1982	1989	1979	1980	1980	1979	1989	
<u>WATER YEAR 89</u>												
Rdg			94.24			94.53	94.49		94.62		94.79	95.20
Day			2			2	6		14		3	27

Brown County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 32.0  
Years of Record: 48

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.1	8.5	8.1	8.5	9.0	8.5	6.4	5.5	5.7	6.0	6.6	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	1981
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 89</u>												
Rdg	11.61	13.95	11.53	12.64		8.40	10.50	7.30	7.68	8.22	9.00	10.90
Day	4	10	7	17		29	16	1	1	7	5	14

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.6						4.1					
High WL	3.2						3.3					
Hi Yr	1986						1986					
Low WL	7.1						5.3					
Lo Yr	1988						1989					
<u>WATER YEAR 89</u>												
Rdg	7.10						5.26					
Day	10						13					

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 67.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.6						14.5					
High WL	11.3						12.4					
Hi Yr	1986						1986					
Low WL	18.8						17.9					
Lo Yr	1988						1989					
<u>WATER YEAR 89</u>												
Rdg	18.84						17.86					
Day	10						13					

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 106.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.1						18.7					
High WL	14.6						14.9					
Hi Yr	1986						1986					
Low WL	35.2						25.3					
Lo Yr	1984						1985					
<u>WATER YEAR 89</u>												
Rdg	21.08						19.82					
Day	10						13					

Brown County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 66.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.6						7.1					
High WL	4.4						4.9					
Hi Yr	1986						1986					
Low WL	11.9						10.8					
Lo Yr	1988						1989					
<u>WATER YEAR 89</u>												
Rdg	11.90						10.81					
Day	10						13					

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave									10.9	13.1	12.8	
High WL									11.0	13.1	12.8	
Hi Yr									1989	1989	1989	
Low WL									11.0	13.1	12.8	
Lo Yr									1989	1989	1989	
<u>WATER YEAR 89</u>									10.95	13.05	12.78	
Rdg									7	8	7	
Day												

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 131.7  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	-0.1	0.6	0.3			0.1	-0.4	-0.6	-0.2	0.8	1.3	1.0
High WL	-0.1	0.7	0.3			0.1	-0.4	-0.6	-0.5	0.8	1.2	1.0
Hi Yr	1988	1988	1988			1989	1989	1989	1989	1989	1988	1989
Low WL	-0.1	0.7	0.3			0.1	-0.4	-0.6	0.2	0.8	1.3	1.1
Lo Yr	1988	1988	1988			1989	1989	1989	1988	1989	1989	1988
<u>WATER YEAR 89</u>	-0.10	0.65	0.30			0.10	-0.38	-0.62	-0.50	0.82	2.50	0.95
Rdg	10	10	9			7	4	5	2	7	20	7
Day												

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 175.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	52.7						51.0					
High WL	49.9						49.2					
Hi Yr	1986						1986					
Low WL	56.6						52.6					
Lo Yr	1988						1989					
<u>WATER YEAR 89</u>	56.64						52.62					
Rdg	10						13					
Day												

Brown County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

T110 R32 S30 QQQ: DDB1  
Obwell # 8001

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 176.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	61.5	59.5	56.9	55.2	55.3	54.6	53.3	52.9	52.2	58.0	64.7	67.1
High WL	54.7	54.2	51.2	48.7	47.7	48.2	46.8	47.2	47.3	51.2	55.1	57.7
Hi Yr	1984	1986	1986	1987	1987	1987	1987	1987	1987	1983	1986	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
WATER YEAR 89	Rdg	59.40	58.40	56.70	56.10	55.70	54.70	54.20	54.70	54.70	60.70	61.70
	Day	3	1	1	3	1	1	3	1	2	1	1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 43.0  
Years of Record: 23

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.1	22.1	22.2	22.4	22.8	22.6	21.7	21.7	21.9	22.3	22.4	22.2
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	22.5	22.5	23.2	23.3	23.0	22.3	22.4	22.8	22.9	22.8	22.9
Lo Yr	1967	1987	1987	1981	1981	1981	1987	1987	1988	1988	1984	1984
<u>WATER YEAR 89</u>						22.47	21.10	21.39	22.10	22.77	22.78	22.65
Rdg	22.46	22.21	22.24			30	25	30	28	28	30	22
Day	27	30	28									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 33.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.6	9.4	9.6	10.2	10.7	10.3	9.1	9.4	9.5	9.6	9.7	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	10.6	10.9	11.2	11.4	11.6	10.9	11.0	10.8	10.8	11.0	10.8
Lo Yr	1977	1980	1980	1981	1981	1982	1981	1980	1980	1980	1980	1981
<u>WATER YEAR 89</u>						10.57	9.10	9.47	9.83	10.24	10.56	10.58
Rdg	10.49	10.47	10.50			30	25	30	29	28	30	22
Day	27	30	28									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.4	20.7	20.9	21.2	21.3	21.4	20.5	20.5	20.5	20.7	20.8	20.7
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	21.7	21.9	21.8	21.9	23.4	21.7	21.6	21.5	22.0	21.6	21.6
Lo Yr	1977	1988	1977	1978	1981	1982	1981	1981	1981	1988	1980	1981
<u>WATER YEAR 89</u>						21.77	21.03	21.07	21.20	21.38	21.61	21.63
Rdg	21.63	21.73	21.79			30	25	30	28	28	30	22
Day	27	30	23									

**T49 R17 S17 QQQ: ADD1**  
Obwell # 9034

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 49.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.8	6.8	6.8	7.5	7.8	6.6	6.5	6.6	6.8	7.1	6.8	6.7
High WL	5.9	6.0	6.0	7.3	7.5	5.9	5.7	5.8	5.7	6.2	6.0	5.6
Hi Yr	1985	1985	1988	1984	1980	1987	1986	1987	1986	1986	1986	1986
Low WL	7.7	7.6	8.0	8.0	8.2	8.3	6.9	7.2	7.4	7.9	8.1	7.9
Lo Yr	1980	1980	1980	1981	1981	1981	1980	1984	1982	1980	1984	1984
<u>WATER YEAR 89</u>						5.90						
Rdg	6.27	6.05	6.01			30						
Day	28	30	28									

Carlton County

DNR Region 2

SUMMARY FOR 1989 WATER YEAR

T49 R17 S17 QQQ: ADD  
Obwell # 9035

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave								5.4	5.7	6.7	6.3	5.5
High WL								5.4	5.7	6.7	6.4	5.5
Hi Yr								1989	1989	1989	1989	1989
Low WL								5.4	5.7	6.7	6.4	5.5
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>								5.43	5.65	6.71	6.35	5.54
Rdg								30	27	28	30	22
Day												

Cass County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T134 R32 S28** QQQ: ACB  
Obwell # **11002**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 9.5  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.2	6.1	6.4	6.6	6.8	6.5	5.6	5.5	5.3	5.6	5.9	6.2
High WL	4.6	4.6	5.1	5.4	5.7	5.6	3.2	3.8	4.2	3.8	4.5	5.1
Hi Yr	1982	1982	1982	1983	1983	1987	1986	1986	1979	1983	1979	1985
Low WL	7.9	8.1	8.3	8.5	8.6	8.2	8.1	7.5	7.5	7.4	7.8	7.7
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1988	1977	1977
<u>WATER YEAR 89</u>	Rdg	7.14	7.33	7.83	7.51	7.28	7.09	5.33	5.21			
	Day	21	29	20	21	23	27	24	26			

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.8	5.8	5.9	13.3	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 89</u>	Rdg	6.34	6.98	7.21	7.03	6.77	6.52	4.68	4.87	5.55	6.20	6.02
	Day	21	29	20	21	23	27	24	26	22	24	18

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.5	8.8	9.0	9.2	9.4	9.4	8.9	8.6	8.3	8.3	8.5	8.6
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	10.9
Lo Yr	1976	1988	1988	1989	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 89</u>	Rdg	10.81	11.24	12.06	11.81	11.63	11.42	11.15	10.71	10.52	10.78	10.77
	Day	21	29	20	21	23	27	24	26	22	24	18

**T140 R29 S31** QQQ: DAAB  
Obwell # **11008**

Aquifer: QBAA  
Observer:

Depth: 90.0  
Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	35.1	35.1	35.1		35.1	35.3	35.2	35.1	35.5	34.8	34.8	35.0
High WL	35.0	35.0	35.1		35.1	35.3	35.2	35.1	35.5	34.8	34.6	35.0
Hi Yr	1988	1988	1987		1988	1988	1988	1989	1989	1988	1988	1987
Low WL	35.1	35.1	35.1		35.1	35.3	35.2	35.2	35.6	34.8	35.0	35.0
Lo Yr	1987	1987	1987		1988	1988	1988	1988	1988	1988	1987	1988
<u>WATER YEAR 89</u>	Rdg	70.17	70.11	35.13		35.12	35.26	35.20	70.28	71.07	34.76	69.52
	Day	34	13	1		23	7	6	24	47	5	17

Cass County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T140 R29 S31 QQQ: DAAB**  
**Obwell # 11009**Aquifer: QBAA  
Observer:Depth: 57.0  
Years of Record: 3

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	29.8	29.9	29.9		30.1	30.0	30.1	30.5	30.4	30.4	30.0	29.7
High WL	29.8	29.9	29.9		30.1	30.1	30.1	30.1	30.3	30.4	29.7	29.6
Hi Yr	1988	1987	1987		1988	1988	1988	1988	1988	1988	1987	1988
Low WL	29.9	29.9	29.9		30.1	30.1	30.1	30.9	30.5	30.4	30.3	29.8
Lo Yr	1987	1988	1987		1988	1988	1988	1989	1989	1988	1988	1987
<u>WATER YEAR 89</u>												
Rdg	59.67	59.74	29.92		30.13	30.05	30.07	61.06	60.76	30.43	60.04	59.41
Day	34	13	1		23	7	6	24	47	5	23	17

Chippewa County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

T117 R39 S29 QQQ: AB  
Obwell # 12008Aquifer:  
Observer: SWCDDepth: 0.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.7						3.4					
High WL	2.1						1.9					
Hi Yr	1986						1985					
Low WL	6.2						5.4					
Lo Yr	1988						1989					
<u>WATER YEAR 89</u>												
Rdg	6.19						5.38					
Day	10						18					

T119 R37 S34 QQQ: AAB  
Obwell # 12009Aquifer: QBAAQBAA  
Observer: SWCDDepth: 109.0  
Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.9	4.3	4.5			5.1	4.5	3.9	3.8	3.9	4.4	4.9
High WL	0.2	0.4	0.7			0.7	1.4	-0.3	-0.1	0.3	0.6	0.6
Hi Yr	1986	1986	1986			1987	1986	1986	1986	1986	1986	1986
Low WL	7.5	8.0	8.2			8.8	8.6	8.2	8.1	8.1	8.4	8.4
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						8.83	8.59	8.24	8.05	8.07	8.39	8.43
Rdg	7.50	8.00	8.20			8	10	15	7	10	21	18
Day	10	29	20									

T119 R41 S29 QQQ: DDD1  
Obwell # 12004Aquifer: QWTAQWTA  
Observer: USGSDepth: 19.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.8	5.8	6.4	7.1	6.7	5.6	4.6	5.4	5.4	5.6	6.5	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	7.2	5.6	6.5	7.8	8.0	8.6	7.5
Lo Yr	1988	1980	1980	1977	1977	1981	1977	1977	1977	1988	1977	1977
<u>WATER YEAR 89</u>						8.08		4.32		6.14		6.38
Rdg	7.71					4		28		29		7
Day	12											

T119 R42 S17 QQQ: DDD1  
Obwell # 12005Aquifer: QWTAQWTA  
Observer: USGSDepth: 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	7.6	6.9	7.8	9.0	8.5	6.9	6.3	5.9	6.1	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	10.9	17.5	10.6	12.5	10.5	16.3	13.4
Lo Yr	1988	1980	1980	1981	1979	1981	1977	1977	1977	1988	1977	1977
<u>WATER YEAR 89</u>						11.29		5.35		8.33		8.26
Rdg	9.99					4		28		29		15
Day	12											

Chippewa County

DNR Region 4

SUMMARY FOR 1989 WATER YEAR

T119 R43 S1 QQQ: ACA  
Obwell # 12007

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 140.0  
Years of Record: 6

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	39.4						48.4					
High WL	25.8						46.5					
Hi Yr	1984						1987					
Low WL	49.6						51.5					
Lo Yr	1988						1989					
<u>WATER YEAR 89</u>												
Rdg	49.58						51.52					
Day	10						18					

Chisago County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 270.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	42.6	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 89</u>												
Rdg									42.53			
Day									22		4	30

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 110.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	52.9	52.7	52.3	53.9	53.6	52.9	53.4	52.6	52.5	52.6	52.5	52.4
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	1984	1985	1987	1986	1986	1986	1986	1986	1986	1986
Low WL	53.7	55.8	53.3	54.6	54.2	54.4	54.3	54.0	53.7	55.0	53.7	53.7
Lo Yr	1980	1981	1988	1983	1981	1981	1981	1981	1981	1977	1988	1989
<u>WATER YEAR 89</u>												
Rdg	53.64	53.22	53.32			53.16	53.71	53.39	53.33	54.05	53.71	53.67
Day	11	3	2			2	7	9	12	12	21	1

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

Aquifer: QWTAQWTA  
Observer:

Depth: 29.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.6	11.7	11.9			13.0	13.0	11.7	11.8	12.1	12.0	12.1
High WL	8.1	8.9	9.3			11.6	11.1	9.2	8.4	9.2	9.3	9.1
Hi Yr	1985	1985	1985			1987	1986	1986	1986	1986	1986	1986
Low WL	14.2	14.5	14.5			14.6	14.3	13.7	13.3	13.4	13.8	13.9
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1988
<u>WATER YEAR 89</u>												
Rdg	14.19	14.51	14.45			14.57	14.26	13.72	13.30	13.35	13.80	13.86
Day	11	3	2			2	7	9	12	11	21	1

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 24.5  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.1	7.7	7.8			8.8	8.7	8.1	8.3	8.5	8.6	8.6
High WL	4.6	4.8	5.0			7.8	7.3	6.6	6.4	6.6	6.8	6.7
Hi Yr	1985	1985	1985			1987	1986	1986	1986	1986	1986	1986
Low WL	9.9	9.9	9.8			10.1	9.6	9.4	9.5	9.7	10.1	9.9
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	9.90	9.85	9.76			10.14	9.57	9.45	9.54	9.70	10.06	9.91
Day	11	3	2			2	7	9	12	11	21	1

Chisago County

DNR Region 3

SUMMARY FOR 1989 WATER YEAR

T35 R21 S26 QQQ: BCC1  
Obwell # 13002

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 26.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.6	13.3	13.8	13.7	14.1	14.4	14.1	13.6	13.1	13.4	13.6	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	15.2	15.4	16.7	16.3	16.0	15.8	15.7	15.9	16.3
Lo Yr	1988	1988	1988	1975	1970	1989	1989	1989	1989	1988	1989	1988
<u>WATER YEAR 89</u>						16.68	16.30	16.00	15.75	15.69	15.91	15.95
Rdg	16.45	16.51	16.40			2	7	9	12	11	21	1
Day	11	3	2									

Clay County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 296.0  
 Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	1.3					2.3	1.3	2.4	1.4	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	3.8					2.9	2.8	2.4	2.5	55.1	16.9	2.0
Lo Yr	1988					1983	1983	1984	1989	1984	1982	1983
<b>WATER YEAR 89</b>										2.50		
Rdg	3.80									9		
Day	31											

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

Aquifer: QWTAQWTA  
 Observer: USGS

Depth: 73.0  
 Years of Record: 41

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.8	7.8	7.8	7.8	7.9	8.0	7.6	7.1	7.0	7.1	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
<b>WATER YEAR 89</b>												
Rdg	8.83	8.83	8.75	8.68	8.64	8.65	7.50	7.23	7.30	7.70	8.12	8.25
Day	7	4	2	6	10	3	7	5	2	7	4	1

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

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 64.0  
 Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	-2.7	-2.9	-2.9			-3.1	-2.9	-2.2	-1.2	0.4	1.2	-1.4
High WL	-3.5	-3.6	-3.6			-3.6	-4.0	-3.8	-2.3	-1.7	-0.6	-2.7
Hi Yr	1986	1985	1985			1986	1986	1986	1986	1986	1985	1986
Low WL	-1.5	-1.6	-1.6			-2.6	-2.2		1.3	2.2	5.0	0.4
Lo Yr	1988	1988	1988			1989	1987	1987	1987	1988	1989	1989
<b>WATER YEAR 89</b>												
Rdg	-1.50	-1.60	-1.60			-2.60	-2.50	-2.30	-2.00	0.20	5.00	0.40
Day	31	21	19			27	12	1	9	6	7	20

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

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 216.0  
 Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.0	6.5	5.9			5.0	2.5	1.8	3.1	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	4.9	9.9	3.4	3.5
Lo Yr	1988	1982	1982			1983	1983	1984	1983	1984	1983	1983
<b>WATER YEAR 89</b>												
Rdg	11.50									3.40		
Day	31									9		

Clay County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 277.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.6						16.3		26.5			
High WL	20.5						7.7		25.5			
Hi Yr	1986						1986		1989			
Low WL	26.9						24.9		27.5			
Lo Yr	1988						1988		1987			
<u>WATER YEAR 89</u>												
Rdg	26.90								25.50			
Day	31								9			

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 35.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.5	8.6	8.8			7.2	5.3	5.2	6.8	6.9	8.2	8.6
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 89</u>												
Rdg	11.80	12.00	12.10			12.40	11.00	9.50	7.80	9.00	10.30	10.10
Day	31	21	19			27	12	1	9	6	7	20

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 131.0  
Years of Record: 43

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.5	25.7	25.6	25.7	25.2	25.7	25.6	25.3	25.9	25.2	26.8	25.6
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	30.0	31.8	30.6	31.7	29.9	30.4	30.4	30.6	31.7	30.6	32.9	32.5
Lo Yr	1985	1988	1987	1989	1988	1984	1988	1989	1988	1980	1988	1988
<u>WATER YEAR 89</u>												
Rdg	31.76			31.73		30.38		30.55			32.58	
Day	22			25		27		23			28	

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

Aquifer: QBAAQBA  
Observer: USGS

Depth: 103.0  
Years of Record: 41

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.1	25.2	25.3	25.3	24.9	25.1	25.2	25.2	24.8	24.6	25.6	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	30.0	28.8	30.1	29.2	29.0	31.3	30.4
Lo Yr	1982	1988	1982	1989	1986	1989	1988	1989	1988	1985	1989	1988
<u>WATER YEAR 89</u>												
Rdg	30.30			29.97		30.00		30.05			31.27	
Day	22			25		27		23			28	

Clay County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
 Observer: USGS

Depth: 155.0  
 Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	114.3	114.0	116.6	115.8	112.8	111.6	119.0	114.0	115.6	115.8	118.5	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	1966	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 89</b>												
Rdg	125.88			124.09		118.26		123.09			123.25	
Day		22		25		27		23			28	

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

Aquifer:  
 Observer: SWCD

Depth: 0.0  
 Years of Record: 8

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.4	10.5	10.4			8.8	8.1	7.5	9.2	9.4	10.3	10.4
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 89</b>						14.50	14.10	13.80	13.10	10.50	12.20	9.90
Rdg	13.30	13.40	13.50			27	12	1	9	6	7	20
Day	31	21	19									

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

Aquifer:  
 Observer: SWCD

Depth: 0.0  
 Years of Record: 8

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.6	11.6	11.8			12.0	11.0	9.9	10.3	11.2	11.9	11.7
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 89</b>						14.50	13.80	13.20	12.40	12.40	13.20	10.90
Rdg	13.80	13.90	14.10			27	12	1	9	6	7	20
Day	31	21	19									

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

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 0.0  
 Years of Record: 7

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	56.5	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	59.5	58.1				58.3	56.5	56.4			65.4	60.6
Lo Yr	1988	1984				1985	1983	1983			1982	1983
<b>WATER YEAR 89</b>												
Rdg	59.50											
Day	31											

Clay County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 68.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	36.3	35.7	36.7			36.6	35.6	35.0	35.1	35.7	36.1	36.7
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	38.5	38.1	38.8			38.9	38.8	37.7	38.5	38.8	39.2	39.3
Lo Yr	1982	1983	1982			1983	1983	1989	1983	1982	1982	1982
<u>WATER YEAR 89</u>												
Rdg		38.10	38.40			38.70	38.50	37.70	37.00	38.00	38.20	38.80
Day		21	19			27	12	1	9	6	7	20

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

Aquifer:  
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	6.1	6.2	6.4			6.2	5.4	5.3	5.6	6.6	7.0	6.7
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			7.2	7.0	7.2	7.5	8.0	8.6	8.8
Lo Yr	1988	1988	1988			1984	1989	1989	1989	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	8.80	8.80	9.00				7.00	7.20	7.50	7.60	8.60	6.60
Day	31	21	19				12	1	9	6	7	20

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 112.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.5	3.4	3.4			2.6	2.4	2.5	2.9	3.0	3.7	3.3
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 89</u>												
Rdg	5.00	5.00	4.80			4.40	4.20	3.70	2.90	3.20	4.80	3.40
Day	31	21	19			27	12	1	9	6	7	20

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 138.0  
Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.5	7.6	8.2			7.5	7.6	6.8	6.6			8.1
High WL	6.9	7.0	7.2			4.8	6.1	6.5	6.0			7.2
Hi Yr	1986	1986	1986			1986	1986	1986	1986			1986
Low WL	8.4	8.2	9.1			9.1	9.2	7.1	7.1			9.1
Lo Yr	1988	1988	1988			1989	1988	1989	1989			1989
<u>WATER YEAR 89</u>						9.13	7.57	7.13	7.12			9.08
Rdg	8.42	8.17	9.09			31	21	31	30			27
Day												

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 154.0  
Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.6	4.6	3.8			4.2	4.2	3.7	4.3			4.2
High WL	4.3	4.5	2.7			3.3	3.2	3.3	3.4			3.3
Hi Yr	1987	1986	1986			1989	1989	1989	1989			1989
Low WL	5.0	4.8	4.9			4.8	4.8	4.1	5.3			4.7
Lo Yr	1986	1988	1988			1987	1986	1986	1986			1986
<u>WATER YEAR 89</u>						3.34	3.21	3.28	3.35			3.29
Rdg	4.66	4.79	4.93			31	21	31	30			27
Day												

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave						2.4	5.0	6.7				11.3
High WL						2.4	5.0	6.7				11.3
Hi Yr						1989	1989	1989				1989
Low WL						2.4	5.0	6.7				11.3
Lo Yr						1989	1989	1989				1989
<u>WATER YEAR 89</u>						2.37	5.03	6.73				11.31
Rdg						21	31	30				27
Day												

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave						0.7	0.6	1.6				1.2
High WL						0.7	0.6	1.7				1.2
Hi Yr						1989	1989	1989				1989
Low WL						0.7	0.6	1.7				1.2
Lo Yr						1989	1989	1989				1989
<u>WATER YEAR 89</u>						0.70	0.62	1.65				1.16
Rdg						25	31	30				27
Day												

Clearwater County

DNR Region 1

SUMMARY FOR 1989 WATER YEAR

T148 R36 S33 QQQ: BCB  
Obwell # 15004

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							13.4	12.5	12.7			14.0
High WL							13.4	12.5	12.7			14.0
Hi Yr							1989	1989	1989			1989
Low WL							13.4	12.5	12.7			14.0
Lo Yr							1989	1989	1989			1989
<u>WATER YEAR 89</u>												
Rdg							13.43	12.54	12.72			14.02
Day							21	31	30			27

## SUMMARY FOR 1989 WATER YEAR

**T105 R36 S8 QQQ: ACA1**  
Obwell # 17005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.5  
Years of Record: 13

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.3	21.4	21.6	21.0	21.7	21.8	21.1	19.0	18.8	18.5	19.5	21.1
High WL	16.3	16.9	16.9	17.6	18.3	17.3	18.5	13.9	13.1	12.6	15.0	16.6
Hi Yr	1986	1979	1979	1980	1983	1983	1986	1983	1984	1983	1983	1979
Low WL	25.0	25.2	25.3	23.8	23.7	25.1	25.1	25.0	25.4	24.3	25.9	25.9
Lo Yr	1988	1988	1988	1982	1982	1989	1989	1989	1989	1981	1989	1989
<u>WATER YEAR 89</u>						25.05	25.08	24.96	25.36		25.94	25.90
Rdg	25.00	25.24	25.30			15	15	13	15		24	15
Day	17	29	17									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 13

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.6	8.7	8.9	8.9	9.1	8.7	7.5	7.6	7.9	7.4	8.0	8.6
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	10.2	10.7	9.9	9.9	10.1	9.5	9.5	9.7	9.8	9.0	9.8
Lo Yr	1981	1977	1980	1982	1979	1989	1981	1981	1981	1981	1980	1981
<u>WATER YEAR 89</u>						10.05	8.77	8.56	8.67	8.69	8.93	9.17
Rdg	9.52	9.62	9.68			15	5	15	15	17	17	15
Day	17	29	17									

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 58.0  
Years of Record: 2

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.0	6.0	5.9			5.9	5.5	5.0	6.0	6.5	7.4	7.4
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	6.0	6.0	5.9			5.9	5.5	5.6	6.0	6.5	7.5	7.9
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						5.90	5.46	5.57	5.99	6.53	7.53	7.90
Rdg	6.00	6.00	5.94			15	5	15	15	17	17	15
Day	17	29	17									

Crow Wing County

DNR Region 3

SUMMARY FOR 1989 WATER YEAR

T135 R28 S16 QQQ: CCD1  
Obwell # 18000

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 18.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	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	9.3	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
WATER YEAR 89							8.74	9.36	9.18	9.32	9.77	9.95
Rdg	10.08						11	2	8	3	1	5
Day	5											

Dakota County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 505.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	149.8	152.7	152.3	152.1	148.0	153.7	151.8	155.7	154.5	159.5	157.0	158.8
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	163.5	160.0	163.5	152.7	164.2	161.7	167.5	167.4	164.5	171.4	168.6
Lo Yr	1978	1987	1986	1988	1987	1988	1987	1989	1987	1986	1988	1989
<b>WATER YEAR 89</b>												
Rdg	158.37			161.92		163.09		167.50		170.37		168.57
Day	2			20		14		16		1		26

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

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 539.0  
Years of Record: 19

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	315.0	313.5	313.5	313.2	313.2	312.9	312.8	314.8	317.6	319.5	320.0	317.3
High WL	312.4	310.4	310.5	310.6	310.9	310.4	309.9	311.1	312.6	313.1	315.5	314.7
Hi Yr	1987	1971	1987	1988	1988	1983	1988	1989	1989	1983	1984	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
<b>WATER YEAR 89</b>												
Rdg	314.40	311.85	312.07	311.29	311.57	311.25	311.05	311.11	312.63	318.10	319.10	317.64
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: 6

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.7	16.6	16.8			16.6	15.4	16.5			25.2	18.6
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	22.2	22.0	21.9			19.6	17.6	21.0			25.2	23.4
Lo Yr	1988	1988	1988			1989	1988	1989			1988	1988
<b>WATER YEAR 89</b>												
Rdg	22.24	21.95	21.87			19.55		21.00				23.35
Day	11	10	8			27		17				26

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 44.5  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.1	21.3	19.6	21.7	21.7	21.5	21.3	21.2	22.2	20.6	21.8	20.8
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
<b>WATER YEAR 89</b>												
Rdg	21.74			22.19			21.39	21.26			21.16	21.16
Day	1			24			5	17			15	22

Dakota County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 150.0  
Years of Record: 17

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.2	15.5	14.9	15.1	14.8	14.2	14.5	13.7	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 89</b>												
Rdg		15.95		15.74			13.92	14.84			17.14	17.24
Day		1		24			5	17			15	22

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

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 364.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.2	9.7	9.9			9.3	8.8	8.7	9.7			11.1
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			10.2	9.7	9.6	9.7			13.2
Lo Yr	1985	1985	1985			1986	1989	1989	1989			1985
<b>WATER YEAR 89</b>						9.98	9.74	9.64	9.71			11.03
Rdg	11.34	11.10	10.92			27	6	8	1			27
Day	11	10	8									

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

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 275.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	-11.5	-7.5	-12.2	-5.8	-13.6	-6.9	-10.5	-4.7	-11.8	-5.5	-9.4	-7.0
High WL	-12.5	-13.8	-15.6	-12.4	-13.8	-15.3	-12.5	-15.0	-11.8	-15.0	-11.1	-14.1
Hi Yr	1984	1979	1986	1985	1987	1983	1980	1984	1980	1984	1980	1986
Low WL	-10.7	10.1	-7.7	9.9	-13.3	9.7	-8.5	17.2	-11.8	18.5	-7.7	11.1
Lo Yr	1980	1981	1988	1981	1984	1981	1989	1983	1980	1983	1989	1981
<b>WATER YEAR 89</b>			-7.70	-7.70			-8.50	-9.65			-7.70	-8.50
Rdg			1	24			5	17			2	22
Day												

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

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 395.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	56.5	56.1	52.8			57.6	56.5	57.8				58.5
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	61.7	62.0	62.2			62.5	62.6	62.8				64.0
Lo Yr	1988	1988	1988			1989	1989	1989				1989
<b>WATER YEAR 89</b>	61.66	62.04	62.23			62.48	62.55	62.83				64.04
Rdg	7	10	8			27	20	17				29
Day												

Dakota County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 325.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	27.8	29.9	28.1	29.0	27.2	28.9	28.6	28.9	30.7	27.7	31.6	28.7
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	32.0	31.4	32.4	30.4	32.3	32.0	32.2	31.1	32.1	32.4	32.0
Lo Yr	1980	1981	1980	1982	1980	1982	1979	1979	1989	1981	1989	1989
<u>WATER YEAR 89</u>												
Rdg		30.73			31.10		31.00			31.05		
Day		1			24		31			15		

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

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 190.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.0	25.8	25.3			25.5	24.5	25.2				26.4
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	27.9			27.8	26.0	27.3				30.0
Lo Yr	1988	1988	1988			1989	1988	1989				1988
<u>WATER YEAR 89</u>						27.78		27.26				
Rdg		28.10		30.27		27.91						28.05
Day		7		9		8						26

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

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 300.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	104.7	97.6	102.4			99.2	98.7	99.2				104.0
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	103.7	116.3			103.1	102.4	102.1				116.9
Lo Yr	1985	1988	1985			1989	1989	1989				1985
<u>WATER YEAR 89</u>						103.13	102.36	102.12				104.38
Rdg		104.26		103.71		103.43						26
Day		7		10		2						

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

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 151.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	101.4	101.4	101.3	101.6	101.0	101.4	100.7	100.6	100.8	100.6	101.0	101.1
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 89</u>						101.19	98.41	98.03	98.99	99.51	100.63	101.09
Rdg		99.87		100.16		100.55		100.68		1		1
Day		1		1		1		1	1	1		1

Dakota County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 170.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	81.4	82.0	81.2	81.2	79.3	80.9	80.1	81.2	84.0	79.9	83.8	81.6
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
<u>WATER YEAR 89</u>												
Rdg		79.96			80.19		80.24			79.90		
Day		1			24		31			17		
											81.79	81.94
											15	20

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

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 290.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	64.5	66.6	63.6	63.8	60.5	63.0	62.1	63.2	69.6	66.7	72.8	65.0
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
<u>WATER YEAR 89</u>												
Rdg		65.07			64.74		64.64			64.98		
Day		1			24		31			17		
											71.54	69.10
											15	20

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

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 280.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	66.0	69.7	64.3	67.2	64.4	65.6	64.1	66.9	67.3	69.1	70.8	68.4
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	67.7	71.0	66.8	70.2	68.8	71.6	71.3	74.2
Lo Yr	1980	1988	1980	1982	1980	1982	1980	1989	1980	1981	1980	1988
<u>WATER YEAR 89</u>												
Rdg		73.67			69.15				70.15			
Day		1			24				17			
											70.90	20

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

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 203.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.6	31.9	27.2	29.3	26.0	28.6	26.4	29.0	31.9	25.8	35.1	29.4
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	31.8	36.0	31.6	34.3	32.6	35.8	36.3	38.3
Lo Yr	1980	1982	1980	1982	1980	1982	1980	1981	1980	1981	1989	1982
<u>WATER YEAR 89</u>												
Rdg		32.54			32.01		31.59			31.64		
Day		1			24		31			17		
											36.32	34.65
											15	20

Dakota County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 415.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	62.6	62.0	62.2	61.8	62.3	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
<u>WATER YEAR 89</u>												
Rdg	58.17			58.80		59.07		58.66			59.37	59.45
Day	1			24		16		17			15	22

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

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 305.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	98.2	98.8	98.8			99.4	99.2	99.4				99.6
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	99.7	101.0	101.3			101.9	101.8	103.1				102.4
Lo Yr	1988	1985	1985			1985	1985	1985				1985
<u>WATER YEAR 89</u>						99.87	99.57	100.01				100.98
Rdg	99.67	99.84	99.70			31	20	17				26
Day	11	10	2									

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 22.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.8	8.2	7.5	8.2	8.3	7.7	7.2	7.3	7.7	7.7	8.7	8.2
High WL	6.5	7.4	6.5	7.8	7.3	6.2	5.9	5.5	7.0	5.7	7.9	6.8
Hi Yr	1984	1985	1986	1986	1987	1989	1979	1986	1979	1986	1979	1986
Low WL	9.2	9.2	8.3	9.0	9.1	8.4	8.0	7.9	8.5	9.1	9.5	9.5
Lo Yr	1988	1988	1980	1989	1978	1978	1977	1977	1988	1988	1988	1988
<u>WATER YEAR 89</u>						6.23		7.62				
Rdg	9.22	9.22		9.01		27		17				
Day	7	1		24								

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 77.5  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	27.7	27.9	28.3			28.0	27.5	27.4				28.3
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	30.0			30.1	29.4	29.1				29.9
Lo Yr	1988	1988	1988			1989	1989	1989				1988
<u>WATER YEAR 89</u>						30.05	29.37	29.11				
Rdg	30.05	30.10	30.00	8		21	29	17				
Day	7	9										

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 87.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.4	3.5	3.4			3.2	3.0	2.9				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	3.8			3.7	3.4	3.3				5.4
Lo Yr	1988	1988	1988			1986	1989	1987				1987
<u>WATER YEAR 89</u>						3.26	3.41	3.23				
Rdg	4.15	4.07	3.80			21	29	17				4.10
Day	11	9	8									27

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 81.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.1	11.1	11.3			12.4	11.0	11.2				12.0
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	12.7	12.2			14.4	11.8	12.3				13.0
Lo Yr	1984	1988	1988			1985	1989	1989				1988
<u>WATER YEAR 89</u>						11.82	12.31					
Rdg	13.36	12.66	12.16			20						12.78
Day	7	9	8									26

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 29.5  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.1	21.2	21.7	22.0	22.3	22.1	20.3	20.2	20.9	21.4	22.2	22.1
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 89</u>						21.90	21.28	21.56	22.00	21.90	22.27	21.88
Rdg	22.77	22.60	22.43			27	20	17	15	21	25	25
Day	7	10	2									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 74.1  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	20.3	20.5	20.8	21.3	21.6	21.5	19.7	19.5	20.2	21.2	21.4	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	21.6	21.7	22.2	22.7	23.0	22.6
Lo Yr	1988	1988	1988	1986	1986	1986	1988	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>						21.64	20.99	21.06	21.44	21.68	21.58	21.33
Rdg	22.20	21.88	21.82			27	20	17	15	21	25	25
Day	7	10	2									

Dakota County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 189.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	171.3	172.4	169.9	174.3	173.7	171.2	170.2	172.3	170.5	170.6	170.9	172.1
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
<b>WATER YEAR 89</b>						169.13	169.18	169.49	169.92	170.47	170.37	170.52
Rdg	168.22	168.43	168.54			21	20	17	15	21	25	21
Day	7	9	2									

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

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 330.0  
Years of Record: 6

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	100.3	95.7	96.7			94.0	93.4	94.2				101.5
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			97.8	97.1	98.9				118.5
Lo Yr	1985	1985	1985			1989	1989	1985				1985
<b>WATER YEAR 89</b>						97.76	97.14	97.07				100.67
Rdg	98.34	97.86	97.98			27	20	17				28
Day	7	10	8									

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

Aquifer: OPDCCJDN  
Observer: SWCD

Depth: 308.0  
Years of Record: 4

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	33.8	34.5	33.8			34.1	34.9	35.1				34.5
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	35.1	36.5	35.2			35.6	36.0	35.6				36.3
Lo Yr	1988	1988	1988			1989	1986	1989				1989
<b>WATER YEAR 89</b>						35.64	35.52	35.64				36.34
Rdg	35.13	36.52	35.22			27	20	17				27
Day	7	9	2									

Dodge County

DNR Region 5

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBAA  
Observer: USGS

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	41.8	42.4	40.8	42.3	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 89</u>												
Rdg	43.00	42.92		43.20		43.65		43.48	43.38	43.83		
Day	6	18		18		9		2	9	28		

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

Aquifer: OGALOGAL  
Observer: USGS

Depth: 100.0  
Years of Record: 13

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.7	22.4	20.8	22.8	21.5	22.6	20.1	19.4	22.6	20.4	21.7	21.2
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	25.0	26.6	24.4	26.9	25.3	26.2	24.2	25.0	25.1	25.7	24.3	23.7
Lo Yr	1988	1977	1978	1978	1979	1978	1981	1989	1989	1989	1988	1980
<u>WATER YEAR 89</u>												
Rdg	25.03			25.77		25.95		24.99	25.12	25.74		
Day	6			18		9		2	9	28		

Douglas County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 18.0  
 Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.9	14.7	14.8	15.2	15.2	14.6	13.9	14.7	14.8	15.0	15.2	15.2
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 89</b>	<b>Rdg</b>	<b>16.19</b>	<b>16.17</b>	<b>16.12</b>	<b>16.12</b>	<b>16.06</b>	<b>16.05</b>	<b>14.08</b>	<b>15.19</b>	<b>15.65</b>	<b>15.93</b>	<b>16.19</b>
	<b>Day</b>	<b>31</b>	<b>30</b>	<b>30</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>27</b>	<b>17</b>	<b>5</b>

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

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 259.0  
 Years of Record: 26

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	80.0	79.5	79.0	80.2	79.8	80.3	80.6	79.9	79.3	79.4	79.2	79.6
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 89</b>	<b>Rdg</b>	<b>77.76</b>	<b>77.85</b>	<b>78.07</b>	<b>78.07</b>	<b>78.11</b>	<b>78.22</b>	<b>78.07</b>	<b>78.05</b>	<b>78.20</b>	<b>78.61</b>	<b>78.76</b>
	<b>Day</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>27</b>	<b>17</b>	<b>5</b>

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 19.2  
 Years of Record: 5

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.7	4.8	5.0	5.1	5.0	3.0	3.3	4.0	3.9	4.6	4.5	4.4
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	4.1	4.5	5.1	5.7	6.7	6.3	6.1
Lo Yr	1988	1988	1988	1989	1989	1989	1988	1988	1988	1988	1988	1988
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>6.21</b>	<b>6.23</b>	<b>6.29</b>	<b>6.27</b>	<b>6.32</b>	<b>4.08</b>	<b>3.53</b>	<b>4.59</b>	<b>5.19</b>	<b>6.02</b>	<b>5.75</b>
	<b>Day</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>28</b>	<b>31</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>30</b>

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

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 102.0  
 Years of Record: 18

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.1	6.2	6.4	6.9	7.0	6.3	5.6	5.6	5.3	6.1	6.1	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 89</b>	<b>Rdg</b>	<b>7.64</b>	<b>7.74</b>	<b>7.89</b>	<b>7.99</b>	<b>8.06</b>	<b>7.35</b>	<b>5.91</b>	<b>5.88</b>	<b>6.19</b>	<b>6.89</b>	<b>6.97</b>
	<b>Day</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>28</b>	<b>31</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>30</b>

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 99.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.0	9.7	9.9	10.5	10.5	10.1	8.5	8.6	8.3	9.1	9.2	9.3
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 89</u>												
Rdg	11.06	11.16	11.12	11.41	11.49	10.99	9.64	9.41	9.75	10.89	10.30	10.72
Day	30	30	30	31	28	31	30	30	30	31	31	30

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 0.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.6	4.5	5.0	5.6	5.6	4.7	4.0	4.2	4.5	4.9	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 89</u>												
Rdg	5.38	5.35	5.55	5.63	5.70	4.44	3.52	3.58	4.09	5.01	5.04	5.06
Day	30	30	30	31	28	31	30	30	30	31	31	30

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.1	8.2	8.4	8.9	9.1	8.5	7.9	7.9	7.7	8.0	8.0	8.2
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 89</u>												
Rdg	5.66	5.76	6.08	6.00	5.94	6.16	6.21	6.04	6.28	6.31	6.33	6.36
Day	30	30	30	31	28	31	30	30	30	31	31	30

Faribault County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T104 R26 S36** QQQ: **CAC1**  
**Obwell # 22021**

Aquifer: OPVLOPVL  
 Observer: USGS

Depth: 145.0  
 Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.3	32.4	32.7	31.7	32.1	32.2	33.6	31.5	33.4	32.6	35.8	33.1
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	32.8	33.7	32.6	32.9	34.0	35.0	33.5	33.9	34.1	36.4	35.7
Lo Yr	1982	1981	1988	1985	1988	1989	1989	1981	1989	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg		33.67				33.97	34.96		33.88		36.36	34.83
Day			1				1	5		15		28

**T104 R27 S16** QQQ: **ABA1**  
**Obwell # 22022**

Aquifer: OSTPOSTP  
 Observer: USGS

Depth: 240.0  
 Years of Record: 9

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	29.1	29.5	30.0	28.8	28.8	29.4	30.3	28.5	30.5	30.4		29.9
High WL	29.1	28.8	28.6	28.4	28.8	28.2	29.0	27.5	29.5	30.4		29.2
Hi Yr	1982	1985	1986	1983	1987	1983	1987	1983	1987	1987		1986
Low WL	29.1	30.1	31.5	29.2	28.8	31.8	31.6	29.4	31.5	30.4		31.3
Lo Yr	1982	1987	1988	1985	1987	1989	1989	1988	1989	1987		1988
<u>WATER YEAR 89</u>												
Rdg		31.47				31.76	31.57		31.52			
Day			1				3	5		15		

Freeborn County

DNR Region 5

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: DCVAOMQG  
Observer: USGS

Depth: 373.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	68.4	68.6	69.4	67.3	69.1	68.0	69.8	67.3	70.5	70.5	75.4	69.6
High WL	68.4	67.4	67.5	66.1	68.3	65.6	68.4	65.6	69.2	67.9	75.5	68.3
Hi Yr	1982	1983	1986	1983	1987	1983	1987	1983	1987	1986	1989	1983
Low WL	68.4	70.0	71.5	69.1	70.0	71.3	71.1	69.9	71.7	74.7	75.5	72.3
Lo Yr	1982	1987	1988	1986	1988	1989	1989	1988	1989	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg												
Day												
	71.45					71.30	71.14		71.74		75.45	72.10
		1				1	5		15		2	28

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

Aquifer: DCVADCVA  
Observer: USGS

Depth: 150.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	42.2	43.6	43.9	42.4	43.0	43.1	44.4	42.8	45.6	46.5	49.3	46.0
High WL	42.2	43.0	42.1	41.5	43.0	40.5	43.0	41.9	44.6	45.0	49.3	44.3
Hi Yr	1982	1981	1986	1983	1987	1983	1987	1983	1987	1986	1989	1983
Low WL	42.2	43.9	45.8	43.0	43.0	45.5	45.8	44.2	46.6	48.8	49.3	47.8
Lo Yr	1982	1987	1988	1986	1987	1989	1989	1988	1989	1985	1989	1986
<u>WATER YEAR 89</u>												
Rdg												
Day												
	45.79					45.45	45.80		46.64		49.32	46.76
		1				1	5		15		2	28

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

Aquifer: DCVADCVA  
Observer: USGS

Depth: 231.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	49.7	51.0	51.6	50.3	51.6	50.8	51.6	50.2	52.2	51.8	53.9	52.0
High WL	49.7	50.3	50.0	49.2	51.1	49.3	50.7	48.4	51.4	49.5	53.9	50.8
Hi Yr	1982	1983	1986	1983	1987	1983	1987	1984	1987	1984	1989	1981
Low WL	49.7	51.9	53.1	51.3	52.0	52.8	52.6	51.6	52.9	56.0	53.9	54.0
Lo Yr	1982	1987	1988	1986	1988	1989	1989	1988	1989	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg												
Day												
	53.10					52.75	52.59		52.94		53.93	53.27
		1				1	5		15		2	28

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

Aquifer: OGWDGWD  
Observer: USGS

Depth: 270.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	43.7	44.8	45.1	43.3	44.6	44.0	45.0	43.0		45.5	48.8	45.9
High WL	43.7	43.9	43.4	42.6	43.8	42.3	44.0	42.0		43.2	48.8	44.3
Hi Yr	1982	1983	1986	1983	1987	1983	1987	1983		1984	1989	1986
Low WL	43.7	45.8	46.7	44.0	45.4	46.0	46.0	43.8		48.4	48.8	47.8
Lo Yr	1982	1981	1988	1986	1988	1989	1989	1985		1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg												
Day												
	46.70					45.96	46.00				48.77	47.56
		1				1	5				2	28

Goodhue County

DNR Region 5

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 210.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.4	23.0	23.7	23.2	23.6	22.7	22.7	22.1	22.8	22.1	23.0	23.6
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 89</u>												
Rdg	22.16	21.68		22.91		22.30		23.02		24.15		
Day	4	23		13		14		3		14		

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

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 310.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	130.1	130.7	130.8	131.8	129.1	128.9	131.7	132.7	130.4	128.0	130.5	131.3
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	136.7	144.2	137.1
Lo Yr	1982	1979	1979	1980	1982	1982	1983	1983	1978	1978	1982	1981
<u>WATER YEAR 89</u>												
Rdg	124.85	124.97		126.35		126.22		127.87		128.84		
Day	4	23		13		14		3		14		

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

Aquifer: CMTSCMITS  
Observer: USGS

Depth: 684.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	105.2	103.8	103.7	103.1	103.3	102.4	103.0	102.8	104.0	105.1	105.1	105.6
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	106.0	106.8	106.7	107.1	105.5	106.7	106.2	107.0	108.2	109.1	108.2
Lo Yr	1978	1979	1978	1979	1979	1980	1979	1980	1979	1988	1989	1978
<u>WATER YEAR 89</u>												
Rdg	107.47		104.79	100.62		102.86		103.52	104.84		109.07	107.77
Day	4		5	30		14		8	20		23	29

Grant County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 70.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	36.4	36.6	36.4	31.9	35.9	36.2	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	36.8	36.8	36.8	31.9	36.4	36.3	36.5	39.8	39.8	39.8	39.5	39.5
Lo Yr	1979	1979	1979	1989	1981	1983	1984	1977	1977	1977	1977	1977
<u>WATER YEAR 89</u>				31.90	35.40	36.17	36.10	36.06				
Rdg				31	24	30	24	23				37.48
Day												25

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 44.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.9	6.5	5.6	5.9	5.8	4.8	5.5	5.6	5.5	7.1	10.6	6.3
High WL	5.4	6.2	5.1	5.8	5.8	3.3	4.3	3.1	3.6	3.4	6.1	4.6
Hi Yr	1986	1982	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 89</u>				5.80	5.75	3.30	4.27	4.18				
Rdg				30	24	30	24	23				4.61
Day												25

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 49.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.3	6.8	6.5	5.6	6.3	4.6	6.0	5.9	6.6	6.6	6.7	5.6
High WL	5.2	6.5	6.5	5.6	4.9	2.2	2.4	2.1	6.4	6.5	6.5	3.3
Hi Yr	1985	1982	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 89</u>				5.60	4.90	2.20	2.40	2.08				3.33
Rdg				30	21	31	24	23				25

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 50.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.3	12.3	11.7	12.9	11.6	11.3	10.7	11.0	11.2	11.3	13.0	13.0
High WL	9.7	11.1	11.1	12.1	11.5	11.2	9.1	10.5	10.9	10.9	11.3	11.2
Hi Yr	1985	1982	1982	1989	1981	1983	1986	1989	1978	1978	1982	1982
Low WL	13.6	14.6	12.6	13.6	11.7	11.3	11.2	11.3	11.6	11.6	17.4	18.6
Lo Yr	1980	1980	1978	1979	1989	1989	1983	1982	1980	1979	1978	1978
<u>WATER YEAR 89</u>				12.10	11.68	11.34	10.73	10.50				
Rdg				31	24	30	24	24				12.00
Day												25

Grant County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T129 R41 S31** QQQ: ACA1  
Obwell # 26007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 51.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.3	13.6	13.8	15.3	13.4	13.2	13.0	13.6	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	14.2	14.2	14.2	15.3	13.4	13.2	13.9	14.0	14.2	14.2	14.2	15.0
Lo Yr	1980	1980	1979	1989	1981	1983	1981	1981	1980	1980	1980	1989
<u>WATER YEAR 89</u>				15.30			11.60	13.14				15.00
Rdg				30			5	24				25

**T129 R42 S9** QQQ: CCC1  
Obwell # 26000

Aquifer: QBAAQBA  
Observer: USGS

Depth: 220.0  
Years of Record: 26

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	76.2	76.1	75.9	75.8	75.9	76.3	75.7	75.6	76.2	75.8	76.5	76.1
High WL	71.1	71.9	71.2	72.0	71.3	73.6	71.5	71.7	70.8	71.5	72.7	70.9
Hi Yr	1985	1985	1985	1985	1986	1989	1986	1988	1986	1985	1988	1985
Low WL	79.5	79.5	79.5	78.6	79.5	79.0	79.5	79.0	79.6	78.8	80.5	79.5
Lo Yr	1977	1977	1977	1977	1977	1977	1977	1977	1976	1970	1976	1977
<u>WATER YEAR 89</u>		73.20		73.40		73.60	73.40	73.50	73.40	73.80	74.10	
Rdg		2		3		1	3	2	1	14	31	

**T130 R42 S23** QQQ: DBD1  
Obwell # 26011

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 52.0  
Years of Record: 16

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.8	12.9	12.5	13.2	12.5	12.6	11.6	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	12.5	13.4	14.7	27.4	31.4	31.6
Lo Yr	1980	1980	1979	1978	1981	1974	1981	1977	1977	1978	1978	1978
<u>WATER YEAR 89</u>							10.42	11.92				12.79
Rdg							5	24				25

**T130 R42 S26** QQQ: DAA1  
Obwell # 26012

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 143.0  
Years of Record: 13

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.5	24.9	24.8	26.8	25.8	20.3	24.7	24.8	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	25.0	25.0	26.0	26.8	26.5	25.0	25.3	25.3	27.8	27.0	28.5	26.5
Lo Yr	1981	1981	1977	1989	1989	1983	1981	1981	1977	1977	1977	1977
<u>WATER YEAR 89</u>				26.80	26.46	15.55	24.93	24.80				26.03
Rdg				30	24	30	24	24				25

Grant County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.0  
Years of Record: 9

<b>MONTHLY WATER LEVEL SUMMARY</b>												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.3	6.7	5.2	9.7	9.1	8.9	6.7	7.4	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	8.2	8.1	5.2	9.7	10.0	10.1	8.3	8.4	8.2	8.2	8.2	9.1
Lo Yr	1981	1981	1982	1989	1989	1989	1981	1981	1982	1982	1981	1989
<b>WATER YEAR 89</b>					9.68	10.00	10.10	7.07	7.28			9.09
Rdg					30	24	30	24	24			25
Day												

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 105.0  
Years of Record: 13

<b>MONTHLY WATER LEVEL SUMMARY</b>												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	38.9	38.6	37.9	37.9	37.8	38.2	37.9	41.5	39.5	38.4	44.1	42.7
High WL	37.8	37.8	37.8	37.1	37.6	38.2	37.4	38.1	37.2	36.8	37.1	37.8
Hi Yr	1980	1980	1978	1989	1981	1983	1989	1984	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 89</b>					37.10	38.00		37.40	38.39			41.03
Rdg					30	21		5	23			25
Day												

Hennepin County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

T27 R24 S30 QQQ: BDA1  
Obwell # 27001Aquifer: CJDNCJDN  
Observer: USGSDepth: 330.0  
Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	73.7	72.3	71.7	72.3	72.5	72.1	71.7	72.5	74.4	75.2	75.3	74.4
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	79.0	77.7	77.9	77.6	77.9	77.7	77.5	79.8	83.3	84.9	82.7	80.4
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1989	1988
WATER YEAR 89												
Rdg	79.03	77.67	77.88	77.63	77.86	77.69	77.45	78.74	79.30	80.12	82.71	79.22
Day	1	1	1	1	1	1	1	1	1	1	5	1

T27 R24 S30 QQQ: AAA1  
Obwell # 27035Aquifer: QBAAQBA  
Observer: USGSDepth: 139.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	66.9	68.9	66.9	68.2	66.9	68.4	67.1	68.8	66.7	69.6	68.1	69.3
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	70.8	68.7	71.1	68.6	70.9	68.8	71.1	69.2	70.4	71.8	72.0
Lo Yr	1981	1988	1986	1989	1987	1989	1984	1989	1984	1988	1989	1989
WATER YEAR 89												
Rdg	70.84			71.09			70.87			71.13		
Day	2			20			14			10		

T28 R24 S23 QQQ: ADD1  
Obwell # 27036Aquifer: OPDCOPDC  
Observer: USGSDepth: 245.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	40.5	39.4	37.3	38.4	36.5	38.8	37.7	41.5	48.6	51.1	49.2	44.6
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	41.5	38.0	40.4	36.5	40.3	38.4	45.7	60.2	53.9	57.0	48.2
Lo Yr	1980	1988	1979	1989	1987	1989	1984	1988	1988	1988	1989	1989
WATER YEAR 89												
Rdg	41.52			40.40			40.34			41.82		
Day	2			25			15			10		

T29 R24 S6 QQQ: CCC1  
Obwell # 27002Aquifer: OSTPOSTP  
Observer: USGSDepth: 200.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	32.9	31.1	30.2	29.8	30.7	30.5	30.9	34.8	38.8	40.3	40.6	35.9
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	38.7	33.7	32.6	32.4	33.5	33.4	35.0	44.9	50.2	49.6	48.9	42.7
Lo Yr	1988	1973	1988	1988	1981	1989	1988	1988	1988	1988	1989	1989
WATER YEAR 89	38.69	33.07	32.56	31.94	33.35	33.40	32.89	35.51	39.42	45.26	48.93	42.72
Day	1	1	1	1	1	1	1	1	1	1	1	1

Hennepin County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 445.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	82.2	71.8	68.7	68.3	68.1	70.6	72.0	90.7	102.6	115.5	125.2	98.9
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	96.8	85.4	70.7	72.6	72.4	75.3	76.6	111.7	121.2	136.8	137.9	124.9
Lo Yr	1984	1981	1981	1989	1982	1985	1989	1988	1987	1988	1983	1985
<u>WATER YEAR 89</u>												
Rdg	86.85	64.81	70.70	72.59	63.43	63.52	76.61	77.09	93.04	134.20	121.84	
Day	15	20	5	5	5	5	5	5	10	25	17	

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

Aquifer: PYHFPYHF  
Observer: USGS

Depth: 1074.0  
Years of Record: 20

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	218.2	218.7	211.3	205.2	206.9	208.0	204.2	208.0	210.8	223.4	225.9	224.8
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	258.1	251.3	250.2	248.1	247.0	246.3	245.8	253.8	249.1	263.9	269.9	262.9
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	258.11	251.33	250.17	248.10	247.03	246.33	245.80	253.83	249.14	263.87	269.92	262.91
Day	25	28	27	27	27	28	24	24	26	25	28	25

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

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 420.0  
Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	48.6	39.2	49.1	46.4	46.5	43.5	51.7	54.6	59.4	54.7	53.1	
High WL	47.4	31.7	47.1	46.4	32.7	31.3	49.7	49.1	56.8	47.2	49.3	
Hi Yr	1982	1965	1980	1980	1967	1966	1986	1980	1983	1966	1983	
Low WL	51.1	49.2	51.9	46.4	49.4	50.0	54.8	60.4	63.2	64.0	59.5	
Lo Yr	1987	1986	1989	1980	1983	1989	1985	1987	1981	1989	1987	
<u>WATER YEAR 89</u>												
Rdg	50.82			51.88			50.00	52.00			64.00	
Day	30			12			14	2			15	

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

Aquifer: CIGLCIGL  
Observer: USGS

Depth: 691.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	143.8	141.0	137.2	135.5	133.0	133.5	132.5	133.7	136.2	141.8	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	145.4	139.1	139.8	135.7	137.3	134.5	136.7	139.5	154.1	151.8	155.5
Lo Yr	1980	1988	1980	1989	1981	1989	1981	1989	1987	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg	145.44			139.82			137.26		136.67		151.75	
Day	28			25			15		16		22	

Hennepin County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T117 R21 S32** QQQ: **DAD1**  
Obwell # **27015**

Aquifer: PYHFPYHF  
Observer: USGS

Depth: 1130.0  
Years of Record: 29

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	289.8	307.3	285.6	296.2	282.1	295.0	286.7	300.8	299.7	320.6	322.8	314.8
High WL	234.9	252.7	238.9	240.6	241.6	235.9	230.8	235.3	237.2	288.2	287.7	242.9
Hi Yr	1962	1961	1962	1963	1962	1962	1962	1962	1962	1967	1964	1962
Low WL	326.0	383.8	325.2	373.4	322.7	373.9	361.4	394.0	338.3	374.9	369.6	395.7
Lo Yr	1969	1988	1969	1986	1970	1986	1988	1989	1973	1986	1970	1988
<u>WATER YEAR 89</u>								394.00				
Rdg		383.75						5				
Day		30										

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

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 437.0  
Years of Record: 45

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	22.9	22.0	21.3	21.3	21.1	21.1	21.4	22.8	24.2	25.2	25.7	24.2
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	32.4	31.1	30.8	31.6	31.4	32.0	36.0	41.7	43.6	40.7	36.7
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg	33.52	32.40	31.08	30.75	31.56	31.40	31.95	33.46	35.48	41.06	40.65	34.89
Day	5	5	5	5	5	5	5	5	5	5	5	5

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

Aquifer: CMSHCMSH  
Observer: SWCD

Depth: 129.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	68.0	69.5	67.3	69.2	66.3	68.8	66.2	69.1	69.3	69.2	71.8	70.1
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	71.6	67.3	71.2	66.3	70.9	66.2	70.8	71.0	72.1	71.8	72.5
Lo Yr	1987	1988	1985	1989	1987	1989	1987	1989	1988	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg		71.63			71.24			70.92			70.85	
Day		17			25			16			16	

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

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 422.0  
Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	65.1	63.9	63.4	63.1	63.4	63.2	63.3	64.5	66.1	66.9	67.6	66.1
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	69.7	67.8	68.3	67.2	68.0	68.2	68.3	68.9	73.0	73.8	73.4	71.2
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg	69.68	67.85	68.26	67.17	67.97	68.15	68.28	68.88	68.99	72.22	73.39	71.17
Day	1	1	1	1	1	1	1	1	1	1	1	1

Hennepin County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: OSTPOSTP  
Observer: USGS

Depth: 265.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	33.2	33.3	32.7	33.3	33.2	32.9	32.5	33.6	34.2	35.0	35.8	34.2
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	35.9	33.3	36.5	34.7	35.1	34.0	38.0	37.6	39.5	39.2	38.3
Lo Yr	1976	1988	1972	1989	1971	1988	1987	1988	1987	1988	1989	1989
<b>WATER YEAR 89</b>												
Rdg		35.88		36.46				37.92			39.24	38.30
Day		28		25				16			22	26

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 95.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	19.6	19.6	20.0	19.9	20.0	19.9	20.1	19.5	19.8	19.6	20.6	19.7
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	20.7	20.0	21.1	20.5	21.2	20.4	21.2	20.9	20.8	21.1	21.2
Lo Yr	1980	1988	1979	1989	1980	1989	1980	1989	1987	1988	1989	1989
<b>WATER YEAR 89</b>												
Rdg		20.69		21.13		21.23		21.16			21.13	21.17
Day		28		25		15		16			22	26

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 80.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	17.2	18.7	17.2	18.7	17.8	18.9	17.4	18.2	17.8	17.8	18.7	18.4
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	21.5	18.3	21.8	18.5	21.2	17.9	21.7	18.9	22.4	21.7	21.6
Lo Yr	1977	1988	1977	1989	1978	1985	1987	1989	1987	1988	1989	1989
<b>WATER YEAR 89</b>												
Rdg		21.52		21.80				21.65			21.67	21.61
Day		28		31				16			22	26

Houston County

DNR Region 5

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: CJDNCJDN  
Observer: USGS

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	224.1	220.1		215.3	227.2	215.6	224.7	219.2	226.4	220.6	235.3	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	223.3	234.0	227.7	235.3	236.2
Lo Yr	1987	1983		1985	1989	1985	1988	1984	1989	1988	1989	1989
<u>WATER YEAR 89</u>					231.59				233.98		235.30	236.23
Rdg					1				20		23	29
Day												

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

Aquifer: CIGLCIGL  
Observer: USGS

Depth: 650.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	446.3	443.1	445.0	443.5	447.1	443.8	445.1	443.5	447.4	444.7	450.9	445.9
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	443.8	445.0	443.5	449.2	443.8	447.1	444.9	450.1	449.0	450.9	450.9
Lo Yr	1987	1983	1986	1985	1989	1985	1988	1986	1989	1988	1989	1989
<u>WATER YEAR 89</u>					449.24				450.09		450.92	450.93
Rdg					1				20		23	29
Day												

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

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 888.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	524.4	523.2	523.6	523.3	524.7	523.5	524.1	523.2	524.6	524.4	525.9	524.8
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	523.9	523.6	523.3	525.3	523.5	524.6	523.7	525.6	525.5	525.9	526.0
Lo Yr	1987	1984	1986	1985	1989	1985	1988	1984	1989	1988	1989	1989
<u>WATER YEAR 89</u>					525.25				525.55		525.93	526.00
Rdg					1				20		23	29
Day												

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 21.0  
Years of Record: 20

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.1	13.0	13.1	13.3	13.6	13.7	13.7	13.3	13.2	13.1	13.0	13.1
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	15.3
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1981	1981	1988	1989	1988
<b>WATER YEAR 89</b>												
Rdg	15.34	15.43	15.56	15.67	15.81	15.92	15.80	15.10	14.81	14.96	15.29	15.10
Day	4	1	5	3	7	7	4	2	6	11	8	5

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.5  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.2	39.2	39.2	39.5	39.6	39.6	39.4	39.4	39.4	39.5	39.5	39.4
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	41.0	41.1	41.0
Lo Yr	1977	1977	1988	1989	1989	1989	1977	1977	1977	1977	1977	1977
<b>WATER YEAR 89</b>												
Rdg	40.36	40.50	40.64	40.79	40.89	40.96	40.57	40.12	40.32	40.49	40.74	40.81
Day	18	14	16	17	16	15	12	16	13	14	15	15

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 46.0  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	40.1	40.1	40.2	40.5	40.6	40.5	40.4	40.2	40.3	40.3	40.2	40.3
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
<b>WATER YEAR 89</b>												
Rdg	40.82	40.92	41.04	41.16	41.35	41.40	41.43	41.16	41.02	41.14	41.35	41.45
Day	18	14	16	17	16	15	12	2	13	14	15	1

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 135.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	30.5	30.5	30.6	31.5	31.6	31.2	30.9	31.0	31.6	33.3	31.7	31.3
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	32.9	32.9	32.9	33.1	33.0	33.2	32.5	32.6	32.9	35.7	33.9	33.5
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1988	1988	1989	1989
<b>WATER YEAR 89</b>												
Rdg	32.87	32.89	32.89	33.08	33.03	33.17	32.48	32.55	32.40	34.53	33.90	33.51
Day	18	14	16	17	16	15	12	16	13	14	15	15

Hubbard County

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.5  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.7	16.7	16.9	16.9	17.0	17.8	17.5	17.4	17.6	16.8	16.9	17.1
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	18.7	18.6	18.7	18.8	18.9	26.8	26.5	26.0	27.9	18.5	19.4	19.4
Lo Yr	1977	1988	1988	1989	1989	1979	1979	1979	1979	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	18.57	18.61	18.65	18.76	18.85	18.92	18.08	17.82	17.83	18.48	19.37	19.36
Day	18	14	16	17	16	15	12	16	13	14	15	15

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.5  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.8	23.7	23.7	24.0	24.1	24.0	23.9	23.9	24.0	24.2	24.4	24.2
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	26.1	25.8
Lo Yr	1977	1988	1988	1977	1977	1977	1977	1977	1977	1977	1989	1988
<u>WATER YEAR 89</u>												
Rdg	25.39	25.17	25.05	25.08	25.06	25.09	24.49	24.50	24.55	25.20	26.05	25.73
Day	18	14	16	17	16	15	12	16	13	14	15	15

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 55.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.6						6.0	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				
<u>WATER YEAR 89</u>												
Rdg	6.19						5.30					
Day	18						17					

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 113.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave									21.3	21.5	21.3	
High WL									21.3	21.5	21.3	
Hi Yr									1989	1989	1989	
Low WL									21.3	21.5	21.3	
Lo Yr									1989	1989	1989	
<u>WATER YEAR 89</u>												
Rdg									21.30	21.52	21.28	
Day									14	15	15	

## Hubbard County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAA  
Observer: SWCD

Depth: 200.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.9	25.0	25.6	25.3	25.5	25.9	25.9	26.0	26.1	26.1	25.6	25.2
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 89</u>												
Rdg	27.74	27.73	27.48	27.17	27.33	27.25	27.33	27.39	27.47	27.60	27.79	26.08
Day	18	14	19	17	16	16	14	16	13	14	15	15

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

Aquifer: QWTA  
Observer: SWCD

Depth: 29.0  
Years of Record: 5

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.7	25.8	25.2	25.4	25.4	25.6	25.3	25.4	25.5	25.7	25.6	25.5
High WL	25.3	25.3	24.6	25.3	25.3	24.5	24.4	24.6	24.7	25.3	25.0	24.9
Hi Yr	1988	1988	1987	1989	1989	1988	1988	1989	1989	1989	1988	1989
Low WL	26.4	26.4	25.9	25.5	25.6	26.4	26.4	26.6	26.5	26.7	26.3	26.3
Lo Yr	1987	1987	1986	1986	1986	1987	1987	1987	1987	1987	1987	1987
<u>WATER YEAR 89</u>												
Rdg	25.28	25.31	25.20	25.29	25.30	25.29	24.71	24.64	24.73	25.26	25.64	24.85
Day	18	14	19	17	16	16	14	16	13	14	15	15

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 75.5  
Years of Record: 1

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave										12.2	11.8	10.9
High WL										12.2	11.8	10.9
Hi Yr										1989	1989	1989
Low WL										12.2	11.8	10.9
Lo Yr										1989	1989	1989
<u>WATER YEAR 89</u>										12.23	11.81	10.91
Rdg										14	15	15
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 52.0  
Years of Record: 16

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.8	39.4	39.5	39.8	40.0	40.2	40.0	40.0	40.0	40.7	40.7	40.3
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 89</u>												
Rdg	41.85	41.58	41.52	41.38	41.39	41.44	41.08	40.68	40.60	42.04	43.41	42.27
Day	18	14	16	17	16	15	12	16	13	14	15	15

Hubbard County

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## SUMMARY FOR 1989 WATER YEAR

**T140 R32 S32 QQQ: BBA1**  
Obwell # 29008Aquifer: QWTAQWTA  
Observer: SWCDDepth: 25.5  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	23.4	23.4	23.5	23.8	23.8	23.8	23.7	23.5	23.5	23.5	23.7	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	1987	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 89</u>												
Rdg	24.75	24.81	24.93	25.00	25.49		24.70	24.79	24.77	25.00	25.25	24.60
Day	18	14	19	17	16		12	16	13	14	15	15

**T140 R33 S20 QQQ: AAA**  
Obwell # 29009Aquifer: QWTAQWTA  
Observer: SWCDDepth: 53.5  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	48.5	49.2	50.1	50.7	50.7	50.4	49.7	48.5	47.5	46.9	47.3	48.0
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 89</u>												
Rdg	50.02	50.63	50.89	50.65	50.49	50.26	50.08	48.95	47.69	47.30	48.00	48.42
Day	18	14	19	17	16	15	12	16	14	18	15	14

**T140 R33 S28 QQQ: CAB**  
Obwell # 29002Aquifer: QWTAQWTA  
Observer: SWCDDepth: 34.0  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	28.1	28.2	28.3	28.4	28.6	28.5	28.4	28.2	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 89</u>												
Rdg	28.81	28.87	28.90	28.96	29.10	29.06	28.71	28.45	28.54	28.70	28.93	28.55
Day	18	14	19	17	16	15	12	16	13	14	15	15

**T140 R35 S16 QQQ: BCC1**  
Obwell # 29011Aquifer: QWTAQWTA  
Observer: SWCDDepth: 26.0  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	15.8	16.1	16.0	16.4	16.5	16.3	16.2	16.0	16.1	16.0	16.0	15.9
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 89</u>												
Rdg	16.00	15.99	16.05	16.19	16.32	16.42	16.12	15.73	15.70	15.88	16.17	16.01
Day	18	14	19	17	16	15	14	16	13	14	15	15

Hubbard County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 66.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave											24.3	23.6
High WL											24.3	23.6
Hi Yr											1989	1989
Low WL											24.3	23.6
Lo Yr											1989	1989
<u>WATER YEAR 89</u>											24.30	23.60
Rdg											15	15
Day												

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 91.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.2	7.5	7.8	9.4	9.7	9.1	8.5	8.3	7.8	8.6	8.0	7.9
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	10.3	10.9	11.0	10.4
Lo Yr	1988	1988	1988	1989	1989	1989	1985	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>	10.20	10.66	10.86	11.05	11.28	11.45	10.49	10.25	10.30	10.85	10.98	10.40
Rdg	18	14	19	17	16	16	14	16	13	14	15	15
Day												

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

Aquifer: QBAA  
Observer: SWCD

Depth: 435.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	23.2	23.0	23.1	22.9	23.1	23.1	23.0	22.9	23.5	25.0	25.6	23.8
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	23.6	24.5	26.9	28.5	25.0
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1989	1989
<u>WATER YEAR 89</u>	25.01	24.55	25.02	24.08	24.28	24.08	23.84	23.47	23.46	25.45	28.46	24.95
Rdg	18	14	19	17	16	16	14	16	13	14	15	15
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave											26.5	25.0
High WL											26.5	25.0
Hi Yr											1989	1989
Low WL											26.5	25.0
Lo Yr											1989	1989
<u>WATER YEAR 89</u>											26.48	25.04
Rdg											14	15
Day												

Hubbard County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T143 R34 S5 QQQ: ACA**  
Obwell # 29036Aquifer: QWTAQWTA  
Observer: SWCDDepth: 36.5  
Years of Record: 1

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							19.4	18.8	18.8	17.7	19.3	19.5
High WL							19.4	18.8	18.8	17.7	19.3	19.5
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							19.4	18.8	18.8	17.7	19.3	19.5
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							19.37	18.76	18.75	17.67	19.27	19.50
Rdg							14	16	13	14	14	14
Day												

**T145 R34 S24 QQQ: CAC**  
Obwell # 29037Aquifer: QWTAQWTA  
Observer: SWCDDepth: 21.0  
Years of Record: 1

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							5.1	5.4	5.4		13.5	13.5
High WL							5.1	5.4	5.4		13.5	13.5
Hi Yr							1989	1989	1989		1989	1989
Low WL							5.1	5.4	5.4		13.5	13.5
Lo Yr							1989	1989	1989		1989	1989
<u>WATER YEAR 89</u>							5.06	5.36	5.43		13.54	13.53
Rdg							14	16	13		14	14
Day												

**T145 R34 S35 QQQ: DCC**  
Obwell # 29038Aquifer: QWTAQWTA  
Observer: SWCDDepth: 12.8  
Years of Record: 1

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							12.4	12.1	11.9	4.9	5.2	5.1
High WL							12.4	12.1	11.9	4.9	5.2	5.1
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							12.4	12.1	11.9	4.9	5.2	5.1
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							12.37	12.07	11.89	4.87	5.21	5.10
Rdg							14	16	13	14	14	14
Day												

Isanti County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 17.6  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.9	8.1	8.0	9.2	9.3	8.8	8.5	8.1	8.1	8.5	8.5	8.3
High WL	5.6	5.8	6.8	7.3	8.2	6.9	6.3	4.7	5.6	6.4	6.2	5.6
Hi Yr	1986	1986	1986	1986	1987	1986	1986	1986	1986	1986	1985	1985
Low WL	10.1	10.2	10.2	10.2	10.4	10.2	9.7	9.7	9.4	9.7	10.2	10.3
Lo Yr	1988	1987	1988	1988	1988	1988	1988	1988	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	10.11	10.16	10.18			10.06	9.33	9.17	9.41	9.74	10.21	10.32
Day	27	29	28			31	27	26	30	31	31	27

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	23.4	23.4	23.3	23.8	23.3	23.6	23.8	23.2	24.2	23.9	23.9	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	25.7	25.8	25.8	24.5	24.6	25.8	25.7	24.8	26.2	26.3	26.2	26.0
Lo Yr	1988	1988	1988	1988	1988	1989	1989	1988	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	25.73	25.80	25.84			25.81	25.68		26.20	26.33	26.18	26.03
Day	27	29	28			31	27		30	31	31	27

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	15.4	15.3	15.1	15.8	15.7	15.8	15.6	15.6	15.6	15.3	15.5	15.6
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	17.2	17.3	16.7	16.8	17.2	17.2	17.3	17.2	17.1	17.2	17.2
Lo Yr	1988	1988	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	17.90	17.24	17.33			17.16	17.15	17.33	17.16	17.09	17.20	17.24
Day	27	29	28			31	27	26	30	31	31	27

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

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 30.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.4	13.3	13.5	13.8	15.1	14.0	13.9	13.5	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	15.1	14.5	15.5	14.6	17.2	15.7	15.7	15.3	15.4	14.8	15.6	16.0
Lo Yr	1970	1970	1988	1971	1985	1968	1968	1968	1989	1968	1989	1989
<u>WATER YEAR 89</u>												
Rdg			15.45				15.37		15.36		15.62	15.99
Day			6				7		22		4	30

Isanti County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T35 R24 S14** QQQ: **CDC1**  
Obwell # 30002Aquifer: QWTAQWTA  
Observer: USGSDepth: 17.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.9	8.0	8.0	8.5	8.3	8.4	8.3	7.7	7.6	7.9	7.9	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	9.9	9.6	9.4	9.8	10.5	10.0	10.6	9.6	10.0	9.1	10.4	10.7
Lo Yr	1970	1976	1980	1981	1968	1981	1968	1968	1989	1977	1989	1989
<u>WATER YEAR 89</u>												
Rdg												
Day					8.59			10.37		10.01		
					6		7		22		4	30

**T36 R23 S23** QQQ: **BBB2**  
Obwell # 30008Aquifer: QWTAQWTA  
Observer: SWCDDepth: 29.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.9	11.9	12.0	12.2	12.1	11.9	11.7	12.1	12.5	12.5	12.6	12.2
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	14.7	14.6	14.9	13.1	13.4	14.4	14.1	14.3	14.4	15.4	15.0	15.5
Lo Yr	1988	1988	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	14.65	14.58	14.85			14.41	14.14	14.26	14.41	15.43	15.04	15.51
Day	27	29	28			31	27	26	30	31	31	27

**T36 R23 S32** QQQ: **ACB1**  
Obwell # 30003Aquifer: PYHFPYHF  
Observer: USGSDepth: 630.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.3	4.9	5.1	5.1	5.5	5.5	5.1	5.6	5.8	6.8	7.2	6.7
High WL	2.9	1.9	2.3	2.5	2.9	2.8	2.4	3.4	3.0	3.1	3.3	3.0
Hi Yr	1975	1985	1985	1985	1985	1987	1984	1975	1973	1983	1979	1984
Low WL	8.5	7.2	6.6	7.2	7.0	7.2	7.2	11.4	10.6	18.5	17.0	18.0
Lo Yr	1988	1976	1987	1981	1981	1988	1975	1977	1988	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	8.46									18.50	17.00	18.00
Day	6								6	7	5	

**T36 R25 S15** QQQ: **CAB2**  
Obwell # 30005Aquifer: QWTAQWTA  
Observer: SWCDDepth: 36.5  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	15.6	15.6	15.6	15.9	15.4	16.5	16.6	16.6	16.6	16.6	16.4	16.4
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	18.3	18.5	18.6	16.6	16.7	19.4	19.3	19.3	19.4	19.2	19.6	19.6
Lo Yr	1988	1988	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	18.33	18.45	18.62			19.35	19.28	19.33	19.39	19.17	19.55	19.57
Day	27	29	28			31	27	26	30	31	31	27

Itasca County

DNR Region 2

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 147.0  
Years of Record: 28

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.7	31.7	31.9	32.0	32.2	32.2	32.3	31.9	31.7	31.4	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
<b>WATER YEAR 89</b>												
Rdg	31.45		31.90	32.00	32.18		32.04		32.52		32.90	
Day	27		7	22	26		25		16		16	

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 10.0  
Years of Record: 20

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.0	5.8	6.3	6.5	6.4	6.4	5.7	5.5	6.0	5.8	6.1	6.0
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	6.6	7.3	6.9
Lo Yr	1976	1987	1988	1985	1977	1989	1987	1987	1988	1977	1988	1971
<b>WATER YEAR 89</b>												
Rdg	7.20		7.20	7.31		7.45	6.04	6.10		6.04	6.87	
Day	24		6	22		6	24	30		11	23	

Jackson County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 86.0  
Years of Record: 2

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	16.5	16.5	16.5			16.6	16.2	14.5	16.1	16.5	16.4	16.8
High WL	16.5	16.5	16.5			16.6	16.2	13.4	16.1	16.6	15.6	16.1
Hi Yr	1988	1988	1988			1989	1989	1988	1989	1989	1988	1988
Low WL	16.5	16.5	16.5			16.6	16.2	15.6	16.1	16.6	17.1	17.5
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	16.46	16.54	16.50			16.61	16.21	15.57	16.07	16.55	17.14	17.47
Day	21	18	16			15	14	17	15	14	15	15

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.0  
Years of Record: 2

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.4	13.4	13.4			13.5	12.9	10.8	12.6	13.2	13.2	13.6
High WL	13.4	13.4	13.4			13.5	12.9	9.6	12.6	13.2	12.6	13.0
Hi Yr	1988	1988	1988			1989	1989	1988	1989	1989	1988	1988
Low WL	13.4	13.4	13.4			13.5	12.9	12.0	12.6	13.2	13.8	14.2
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	13.38	13.44	13.39			13.54	12.92	12.03	12.61	13.18	13.76	14.15
Day	21	18	16			15	14	17	15	14	15	15

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 251.0  
Years of Record: 2

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	87.0	86.9	86.8			86.7	86.8	86.6	86.9	87.1	87.1	87.1
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	87.0	86.9	86.8			86.7	86.8	86.9	87.0	87.1	87.3	87.3
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	87.02	86.92	86.85			86.73	86.78	86.89	86.95	87.10	87.31	87.30
Day	21	18	16			15	14	17	15	14	15	15

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

Aquifer: PYSXPYSX  
Observer: USGS

Depth: 360.0  
Years of Record: 23

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	64.0	63.5	63.2	62.6	63.3	62.6	63.5	62.2	63.4	63.6	64.0	64.2
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 89</u>												
Rdg	63.48		62.71	62.30	63.15				63.29		64.60	
Day	24		16	31	22				14		14	

Kanabec County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

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

 Aquifer: QWTAQWTA  
 Observer: SWCD

 Depth: 21.5  
 Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.7	13.6	13.4	13.8	14.1	13.6	13.7	13.7	13.6	13.6	13.4	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	15.3	15.3	15.3	14.9	15.1	15.5	15.1	14.7	14.6	14.9	15.0	15.3
Lo Yr	1988	1988	1988	1981	1981	1989	1989	1989	1989	1989	1988	1989
<u>WATER YEAR 89</u>												
Rdg	15.26	15.29	15.29			15.48	15.05	14.70	14.64	14.87		15.33
Day	19	17	20			20	17	23	19	21		29

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

 Aquifer: QWTAQWTA  
 Observer: SWCD

 Depth: 47.0  
 Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	16.0	15.7	16.3	16.4	16.7	17.1	15.8	15.7	15.4	15.8	15.7	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	18.7	18.6	19.0	17.9	18.3	19.4	18.6	18.4	18.1	18.3	18.3	18.9
Lo Yr	1988	1988	1988	1981	1981	1989	1989	1989	1989	1989	1988	1989
<u>WATER YEAR 89</u>												
Rdg	18.67	18.58	19.00			19.40	18.58	18.39	18.06	18.29		18.88
Day	19	17	20			20	17	23	19	21		29

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

 Aquifer: QBAAQBAA  
 Observer: USGS

 Depth: 170.0  
 Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	38.4	38.2	39.3	39.0	39.6	40.7	40.2	38.6	38.3	37.8	38.4	38.3
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	45.1	45.5	45.1	45.3	46.1	46.3	45.5	45.2	44.6	44.9	45.4	45.5
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg	45.06	45.50	45.12	45.30	46.05	46.29	45.52	45.22	44.57	44.45	45.40	45.45
Day	4	1	5	4	7	7	3	2	5	3	7	5

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

 Aquifer: TILLTILL  
 Observer: SWCD

 Depth: 25.7  
 Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.1	5.3	5.4	5.7	5.7	5.6	5.4	5.3	5.4	5.6	5.3	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	6.1	6.0	6.2	5.9	5.7	6.3	5.8	5.9	6.1	6.3	6.1	6.6
Lo Yr	1988	1988	1988	1983	1984	1989	1989	1989	1989	1989	1988	1989
<u>WATER YEAR 89</u>												
Rdg	6.07	6.00	6.15			6.26	5.77	5.85	6.10	6.34		6.55
Day	19	17	20			20	17	23	19	21		29

Kandiyohi County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 38.5  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.4	18.0	16.3			15.6	14.4	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	19.2	19.2	16.3			15.6	19.4	15.1	14.9	22.5	17.4	17.1
Lo Yr	1988	1988	1982			1983	1989	1983	1983	1983	1982	1982
<u>WATER YEAR 89</u>												
Rdg	19.20	19.20					19.40					
Day	28	18					20					

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 46.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.0	4.9	3.4			2.7	3.3	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	5.1	3.2	1.7	9.2	6.2	4.2
Lo Yr	1988	1988	1982			1983	1989	1983	1983	1983	1982	1982
<u>WATER YEAR 89</u>												
Rdg	7.00	6.70					5.10					
Day	28	18					20					

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 74.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	-1.5	-2.0	-0.5			-1.9	-1.8	-1.9	-1.4	2.8	6.1	5.8
High WL	-3.2	-2.0	-0.5			-1.9	-3.2	-1.9	-1.4	2.8	6.1	2.8
Hi Yr	1985	1982	1982			1983	1986	1983	1983	1983	1982	1983
Low WL	2.7	-1.9	-0.5			-1.9	2.7	-1.9	-1.4	2.8	6.1	8.7
Lo Yr	1983	1988	1982			1983	1985	1983	1983	1983	1982	1982
<u>WATER YEAR 89</u>												
Rdg	-1.10	-1.90					-2.10					
Day	28	18					20					

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 17.0  
Years of Record: 24

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.3	8.4	8.7	9.3	9.6	8.7	8.0	8.2	7.8	7.9	8.3	8.3
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	11.2	11.0	11.2	11.4	11.7	11.9
Lo Yr	1988	1988	1988	1977	1977	1989	1968	1968	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	12.10	12.20	12.30			12.60	10.90	10.90	11.10	11.40	11.70	23.70
Day	28	18	14			24	20	15	16	17	16	34

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 57.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	26.3	26.3	26.3			26.8	27.3	26.8	26.3	29.6	26.5	26.9
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	30.5	30.8	31.0			31.1	31.4	30.7	30.3	34.7	31.5	31.7
Lo Yr	1988	1988	1988			1989	1983	1989	1988	1983	1989	1989
<u>WATER YEAR 89</u>						31.10	30.60	30.70		31.50	31.50	31.70
Rdg	30.50	30.80	31.00			24	20	15		17	16	15
Day	28	18	14									

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 187.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.2	9.0	9.3			9.6	9.1	9.3	10.5	17.0	17.3	10.7
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	11.1	11.0	17.6	29.4	28.5	13.9
Lo Yr	1988	1988	1988			1989	1989	1988	1988	1989	1989	1989
<u>WATER YEAR 89</u>						12.10	11.10	10.90	12.50	29.40	28.50	13.90
Rdg	12.60	12.30	12.10			24	20	15	16	17	16	15
Day	28	18	14									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.0  
Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.7	9.6	9.7	9.9	10.0	9.4	8.4	8.7	8.8	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 89</u>							9.80	9.70	10.00	10.50	11.40	10.60
Rdg	11.60	11.60	11.60				20	15	16	17	16	15
Day	28	18	14									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 28.5  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	2.9	2.9	3.0			2.9	2.7	3.0	2.8	5.2	3.8	3.3
High WL	1.5	1.3	1.3			1.1	1.3	1.5	-0.4	1.5	1.7	1.3
Hi Yr	1983	1983	1983			1984	1984	1985	1983	1986	1983	1986
Low WL	6.6	6.5	6.7			7.0	5.5	5.6	6.1	9.0	8.5	6.6
Lo Yr	1988	1988	1988			1989	1989	1989	1988	1985	1988	1988
<u>WATER YEAR 89</u>						7.00	5.50	5.60	5.70	6.40	6.90	6.40
Rdg	6.60	6.50	6.70			24	20	15	16	17	16	15
Day	28	18	14									

Kandiyohi County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T122 R34 S19 QQQ: C**  
Obwell # 34047

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 33.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.9	5.0	5.0			5.6	5.1	5.2	5.1	5.6	5.9	5.9
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	9.0			8.9	7.2	7.2	7.8	8.6	9.4	9.2
Lo Yr	1987	1988	1988			1989	1989	1988	1988	1989	1988	1988
<u>WATER YEAR 89</u>												
Rdg	9.00	9.00	9.00	9.00		8.90	7.20	7.20	7.70	8.60	8.20	8.80
Day	28	18	14			24	20	15	16	17	16	15

**T122 R34 S28 QQQ: ADDB**  
Obwell # 34052

Aquifer: QBAA  
Observer:

Depth: 244.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								1.5	1.7	2.7	4.1	3.4
High WL								1.5	1.7	2.7	4.1	3.4
Hi Yr								1989	1989	1989	1989	1989
Low WL								1.5	1.7	2.7	4.1	3.4
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg								1.50	1.70	2.70	4.10	3.40
Day								15	16	17	16	15

**T122 R34 S28 QQQ: ADDB**  
Obwell # 34053

Aquifer: QWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								4.9	4.7	4.9	5.7	5.5
High WL								4.9	4.7	4.9	5.7	5.5
Hi Yr								1989	1989	1989	1989	1989
Low WL								4.9	4.7	4.9	5.7	5.5
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg								4.90	4.70	4.90	5.20	5.70
Day								20	15	16	17	16

**T122 R34 S29 QQQ: BCB1**  
Obwell # 34050

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.2  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.3	7.5	6.4			6.6	7.9	6.8	5.8	7.7	7.3	6.8
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	9.9
Lo Yr	1987	1988	1988			1989	1988	1988	1988	1987	1987	1987
<u>WATER YEAR 89</u>												
Rdg	8.70	9.10	8.90	8.90		8.80	8.70	8.70	8.60	8.60	8.50	8.60
Day	28	18	14			24	20	15	16	17	16	15

Kandiyohi County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T122 R34 S31 QQQ: CBCB**  
Obwell # 34054

Aquifer: QBAA  
Observer: SWCD

Depth: 192.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								40.0	50.1	51.8	53.8	51.3
High WL								40.0	50.1	51.8	53.8	51.3
Hi Yr								1989	1989	1989	1989	1989
Low WL								40.0	50.1	51.8	53.8	51.3
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg								40.00	50.10	51.80	53.80	51.30
Day								19	16	17	16	15

**T122 R34 S31 QQQ: CBCB**  
Obwell # 34055

Aquifer: QWTA  
Observer: SWCD

Depth: 52.3  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								40.0	40.2	40.3	40.6	41.8
High WL								40.0	40.2	40.3	40.6	41.0
Hi Yr								1989	1989	1989	1989	1989
Low WL								40.0	40.2	40.3	40.6	41.0
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg								40.00	40.20	40.30	40.60	41.80
Day								20	15	16	17	15

**T122 R35 S14 QQQ: AAB1**  
Obwell # 34051

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.8  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.1	2.8	3.3			3.8	3.5	3.1	3.0	3.2	3.6	3.4
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	5.8	5.9	6.0			6.3	5.4	5.4	5.5	6.0	6.7	6.3
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>	5.80	5.90	6.00			6.30	5.40	5.40	5.50	6.00	6.70	6.30
Rdg	28	18	14			24	20	15	16	17	16	15

**T122 R35 S16 QQQ: AD**  
Obwell # 34048

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 45.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.7	8.9	9.0			8.1	8.5	8.5	8.3	8.8	9.3	9.0
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			10.5	10.7	10.6	10.9	11.8	12.5	12.6
Lo Yr	1988	1988	1988			1988	1989	1989	1989	1989	1989	1988
<u>WATER YEAR 89</u>	12.50	12.50	12.30				10.70	10.60	10.90	11.80	12.50	11.70
Rdg	28	18	14				20	15	16	17	16	15

## SUMMARY FOR 1989 WATER YEAR

**T116 R45 S7 QQQ: ADA**  
Obwell # 37004

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 203.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.2	8.5	8.3	8.9	8.4	8.0	8.0	9.5	11.0	20.2	22.2	14.0
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	11.1	10.2	9.8	9.2	9.4	8.9	9.4	13.3	16.4	27.6	29.3	27.2
Lo Yr	1982	1988	1982	1983	1983	1983	1989	1981	1987	1981	1983	1981
<u>WATER YEAR 89</u>												
Rdg	10.88	10.24	9.71			8.76	9.44	10.13	13.52	19.30	21.37	13.76
Day	12	10	13			30	26	30	23	26	15	19

**T116 R45 S20 QQQ: CBA**  
Obwell # 37001

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 210.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.8	22.1	21.7	22.6	22.1	21.6	21.5	22.7	24.5	33.1	35.5	27.6
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	1984	1985	1986	1986	1986	1984	1986	1987	1986
Low WL	24.8	23.9	23.5	23.2	23.1	22.5	23.1	26.1	29.4	40.8	42.3	40.4
Lo Yr	1982	1988	1982	1983	1983	1983	1989	1981	1988	1981	1983	1981
<u>WATER YEAR 89</u>												
Rdg	24.54	23.86	23.29			22.27	23.13	23.67	27.93	32.99	34.22	27.56
Day	12	10	13			30	26	30	23	26	15	19

**T116 R46 S2 QQQ: CBC1**  
Obwell # 37002

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 210.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	20.2	19.6	19.5	20.1	19.5	19.3	19.2	21.2	22.6	30.2	30.9	24.0
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	22.1	21.4	21.0	20.8	20.7	20.3	21.1	27.4	29.8	36.4	36.9	35.6
Lo Yr	1983	1988	1982	1983	1983	1981	1987	1981	1987	1988	1981	1981
<u>WATER YEAR 89</u>												
Rdg	21.91	21.40	20.92			20.10	20.35	21.22	25.72	30.51	32.51	24.59
Day	12	10	13			30	26	30	23	26	15	19

**T116 R46 S13 QQQ: DDD**  
Obwell # 37000

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 85.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.3	13.0	12.0	12.7	11.6	11.1	10.9	10.9	13.4	21.8	27.0	19.8
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	18.6	18.2	16.5	13.2	13.0	14.4	14.6	14.2	25.5	33.0	37.0	30.6
Lo Yr	1988	1988	1988	1983	1983	1989	1987	1989	1987	1989	1983	1981
<u>WATER YEAR 89</u>												
Rdg	18.59	18.21	16.46			14.40	13.66	14.18	18.10	33.00	32.17	24.24
Day	12	10	13			30	26	30	23	26	15	19

Lac Qui Parle County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 70.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.0	12.8	13.1	13.5	12.9	11.4	11.6	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	15.0	15.0	14.7	13.8	13.9	12.4	13.2	13.8	14.2	15.0	15.2	15.4
Lo Yr	1988	1988	1988	1983	1981	1989	1989	1989	1989	1989	1988	1988
<b>WATER YEAR 89</b>						12.39	13.24	13.77	14.16	14.96	15.12	15.25
Rdg	14.99	14.96	14.70			30	26	30	23	26	15	19
Day	12	10	13									

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 189.0  
Years of Record: 10

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	72.5	71.8	71.4	75.6	75.1	71.1	71.9	72.1	69.8	69.5	70.6	71.5
High WL	62.6	58.1	57.3	74.1	73.5	60.6	62.9	66.1	55.8	55.5	56.5	59.1
Hi Yr	1988	1988	1988	1981	1985	1989	1989	1989	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
<b>WATER YEAR 89</b>						60.59	62.93	66.11	66.19	66.32	69.27	65.23
Rdg	62.61	58.13	57.28			30	26	30	23	26	15	19
Day	12	10	13									

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 143.0  
Years of Record: 10

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	42.5	42.1	42.0	48.2	47.1	42.4	41.6	42.8	43.4	44.6	44.7	42.3
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
<b>WATER YEAR 89</b>						42.73	43.41	46.14	46.24	48.66	47.40	46.24
Rdg	41.90	42.12	41.69			30	26	30	23	26	15	19
Day	12	10	13									

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 189.0  
Years of Record: 10

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.9	14.2	14.0	14.7	14.0	13.6	13.3	14.4	16.1	21.9	23.3	18.4
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	17.0	16.2	15.7	15.3	15.2	14.7	14.7	18.3	21.6	27.2	28.1	27.1
Lo Yr	1982	1988	1982	1983	1983	1981	1981	1981	1988	1988	1982	1981
<b>WATER YEAR 89</b>						14.32	14.50	15.38	18.17	22.28	22.64	19.48
Rdg	16.92	16.16	15.44			30	26	30	23	26	15	19
Day	12	10	13									

Lac Qui Parle County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 146.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	30.9	30.9	31.4	33.3	32.0	30.2	30.2	31.3	31.5	32.6	32.9	32.0
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	35.2	36.4	35.9	36.9	37.2	36.5
Lo Yr	1988	1988	1988	1981	1981	1989	1989	1981	1989	1989	1988	1981
<u>WATER YEAR 89</u>												
Rdg	35.51	35.80	35.14			35.26	35.24	35.50	35.93	36.88	35.57	35.21
Day	12	10	13			30	26	30	23	26	15	19

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 189.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.8	24.6	24.4	26.8	26.2	24.4	24.0	24.7	24.6	26.0	26.9	25.6
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
<u>WATER YEAR 89</u>												
Rdg	24.62	24.73	24.66			24.51	24.54	24.32	24.35	26.71	26.09	25.98
Day	12	10	13			30	26	30	23	26	15	19

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 196.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	47.0	46.5	45.9	49.9	48.7	45.9	45.9	46.2	47.1	49.8	51.0	48.1
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	49.8	55.0	61.6	53.3
Lo Yr	1983	1983	1982	1983	1983	1983	1983	1983	1989	1988	1983	1983
<u>WATER YEAR 89</u>												
Rdg	47.95	47.60	47.11			47.01	47.15	47.38	49.82	52.84	54.09	49.61
Day	12	10	13			30	26	30	23	26	15	19

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

Aquifer: QBAAQBA  
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	35.6	35.3	35.0	34.4	35.0	34.5	35.0	34.8	36.6	40.2	40.6	37.5
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	38.8	38.2	37.8	34.4	35.4	37.3	37.1	36.9	41.2	46.8	48.2	40.4
Lo Yr	1988	1988	1988	1983	1985	1989	1989	1989	1987	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	38.75	38.16	37.77			37.25	37.13	36.85	36.25	46.43	44.27	39.62
Day	12	10	13			30	26	30	23	26	15	19

Lake County

DNR Region 2

SUMMARY FOR 1989 WATER YEAR

T57 R11 S32 QQQ: CB  
Obwell # 38013

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 130.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	38.8	38.8	39.0	39.5	39.6	39.9	40.2	40.1	39.5	39.2	39.2	39.2
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	42.8	42.8	42.4	41.7	42.0	42.0
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1988	1988	1988
WATER YEAR 89												
Rdg	42.00	42.11	42.30	42.40	42.68	42.82	42.79	42.77	42.35			
Day	15	17	15	18	15	20	1	1	1			

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
Observer: USGS

Depth: 242.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	84.1	78.3	75.4	80.9	71.8	79.0	78.2	78.7	77.3	79.1	82.4	78.3
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
<u>WATER YEAR 89</u>												
Rdg			78.78			79.57	79.77		80.17		81.06	81.44
Day			2			2	6		14		3	27

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

Aquifer: CSTLCSTL  
Observer: USGS

Depth: 180.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	96.1	95.9	95.8	95.9	93.6	95.7	96.2	95.9	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
<u>WATER YEAR 89</u>												
Rdg			96.86	96.47		96.18		96.17			97.53	96.87
Day			5	24		22		23			15	22

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

Aquifer: CSTLCSTL  
Observer: USGS

Depth: 265.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	151.4	151.5	151.7	151.4	151.1	151.3	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
<u>WATER YEAR 89</u>												
Rdg			152.67	152.19		152.09		151.59			152.63	152.23
Day			5	24		22		23			15	22

Lincoln County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T109 R45 S31**    QQQ: CCCD  
**Obwell # 41005**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 94.0  
 Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	37.3	37.0	36.7	36.7	36.9	36.6	36.0	36.8	37.0	37.9	38.6	39.1
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	38.1	38.0	38.1	38.4	37.0	37.2	37.7	38.9	40.1	40.5
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	39.20	38.60	38.10	38.00	38.10	38.40	37.00	37.20	37.70	38.40	38.60	39.10
Day	5	2	1	6	6	6	6	9	9	7	1	1

**T110 R44 S33**    QQQ: DCD1  
**Obwell # 41000**

Aquifer: KRET KRET  
 Observer: USGS

Depth: 967.0  
 Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	249.7	249.5	249.7	249.6	249.6	249.1	249.4	249.3	249.3	249.4	249.6	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 89</u>												
Rdg	248.60			248.98			248.92			248.80		
Day	3			4			6			11		

**T111 R44 S11**    QQQ: CBB  
**Obwell # 41003**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 238.0  
 Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	103.3	105.3	105.2	105.2	105.2	105.5	105.5	107.0	105.5	105.4	105.5	105.4
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	105.5	105.5	105.4	105.4	105.5	105.7	105.7	110.5	105.7	105.9	105.9	105.6
Lo Yr	1987	1986	1988	1989	1987	1989	1989	1988	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	105.20	105.10	105.40	105.40	104.90	105.70	105.70	105.30	105.70	105.90	105.90	105.60
Day	5	2	6	4	1	6	5	4	9	7	7	6

**T111 R46 S4**    QQQ: BBC  
**Obwell # 41004**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 69.5  
 Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.5	23.5	23.5	23.3	23.4	23.2	23.2	23.3	23.4	25.0	23.9	24.2
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	24.1	24.1	24.1	24.0	24.0	24.1	24.1	24.1	24.3	27.5	24.6	25.0
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg	24.10	24.10	24.10	24.00	24.00	24.10	24.10	24.10	24.30	24.40	24.60	25.00
Day	5	3	6	4	1	6	5	10	9	7	1	8

Lyon County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBAA  
 Observer: DNR

Depth: 159.0  
 Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.1	13.0	12.3	12.8		12.6	13.0	17.5	19.3	20.6	21.9	17.8
High WL	13.1	13.0	12.3	12.8		12.6	13.0	17.6	19.3	20.6	21.9	13.0
Hi Yr	1988	1988	1988	1989		1989	1989	1989	1989	1989	1989	1988
Low WL	13.1	13.0	12.3	12.8		12.6	13.0	17.6	19.3	20.6	21.9	22.6
Lo Yr	1988	1988	1988	1989		1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>												
Rdg	13.06	12.97	12.28	12.80		12.59	13.02	17.55	19.29	20.62	21.92	22.64
Day	6	7	1	13		2	7	3	1	5	10	6

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

Aquifer: QBAAQBAA  
 Observer: DNR

Depth: 107.3  
 Years of Record: 2

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	59.2	61.0	55.0	57.4	57.5	55.2	58.8	54.0	58.4	57.3	59.8	56.2
High WL	59.2	61.0	55.0	57.4	57.5	55.2	58.8	53.7	56.2	56.7	57.5	54.1
Hi Yr	1988	1988	1988	1989	1989	1989	1989	1988	1989	1989	1989	1989
Low WL	59.2	61.0	55.0	57.4	57.5	55.2	58.8	54.3	60.7	57.9	62.1	58.3
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1988	1988	1988	1988
<b>WATER YEAR 89</b>												
Rdg	59.17	61.02	55.03	57.38	57.54	55.15	58.79	54.31	56.21	56.65	57.53	54.13
Day	6	2	2	13	10	2	7	3	1	5	10	6

Marshall County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T155 R47 S11 QQQ: AAA3**  
Obwell # 45000

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 86.0  
Years of Record: 34

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	18.8	19.3	16.9	16.6	18.0	20.1	17.4	18.6	20.7	20.1	19.2	19.9
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 89</u>												
Rdg	18.54	18.15	18.06	17.85	18.07	17.72	17.66	17.77	18.08	18.50	18.96	18.94
Day	13	17	16	20	16	16	12	15	15	13	18	14

**T156 R48 S10 QQQ: DAA2**  
Obwell # 45001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.0  
Years of Record: 27

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.2	7.9	6.9	7.1	8.3	8.7	6.4	5.6	7.1	5.6	6.2	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 89</u>												
Rdg	6.97	7.04	7.05	7.25	7.37	7.37	6.55	4.88	5.07	6.00	6.83	6.97
Day	6	17	16	20	16	16	12	15	15	13	18	14

**T157 R48 S27 QQQ: BAA1**  
Obwell # 45002

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 24.0  
Years of Record: 19

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr.	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.0	3.9	3.9	4.1	4.1	4.5	4.0	4.2	3.9	3.6	3.9	3.9
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	4.4	4.7	4.8	4.8	5.5	5.0	6.7	4.9	4.9	5.0	5.0
Lo Yr	1980	1988	1979	1980	1989	1982	1989	1982	1980	1980	1980	1980
<u>WATER YEAR 89</u>												
Rdg	4.25	4.41	4.47	4.70	4.82	4.90	4.96	4.78	4.36	4.32	4.61	4.78
Day	13	17	16	20	16	16	12	15	15	13	18	14

Martin County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBAA  
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	82.5	82.5	74.8			82.3	82.3	82.2	82.1	82.7	83.0	82.9
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	1989	1988
Low WL	82.5	82.5	74.8			82.3	82.3	82.2	82.4	82.7	83.0	83.2
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	82.53	82.52	74.82			82.28	82.35	82.19	82.37	82.67	83.03	83.20
Day	17	14	14			20	18	17	15	17	16	15

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 57.0  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.7	27.5	26.9			26.7		26.6	26.8	27.6	28.2	27.8
High WL	27.7	27.6	26.9			26.7		26.6	26.7	27.7	28.2	27.5
Hi Yr	1988	1988	1988			1989		1989	1988	1989	1989	1988
Low WL	27.7	27.6	26.9			26.7		26.6	26.9	27.7	28.2	28.2
Lo Yr	1988	1988	1988			1989		1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	27.68	27.55	26.94			26.66		26.62	26.86	27.65	28.17	28.20
Day	17	14	14			17		1	15	17	16	15

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

Aquifer: KRETKRET  
Observer: USGS

Depth: 412.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	91.7	92.4	91.6	91.2	90.7	91.3	91.3	91.1	91.9	92.6		92.4
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	91.3	90.7	92.3	92.0	91.6	92.2	96.2		94.0
Lo Yr	1982	1983	1988	1986	1987	1989	1989	1982	1989	1987		1989
<u>WATER YEAR 89</u>												
Rdg		92.43				92.27	92.04		92.22			93.95
Day		1				1	5		14			27

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 219.2  
Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.8	7.4	6.6			8.5		8.8	7.9	9.1	9.4	8.6
High WL	7.8	7.4	6.6			8.5		8.8	6.8	9.2	9.4	7.6
Hi Yr	1988	1988	1988			1989		1989	1988	1989	1989	1988
Low WL	7.8	7.4	6.6			8.5		8.8	8.9	9.2	9.4	9.5
Lo Yr	1988	1988	1988			1989		1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	7.82	7.36	6.55			8.46		8.75	8.90	9.15	9.38	9.49
Day	17	14	14			17		1	15	17	16	15

Martin County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 41.0  
 Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	2.8	2.7	2.7			2.7		2.2	1.7	2.8	3.1	2.9
High WL	2.8	2.7	2.7			2.7		2.2	0.9	2.8	3.1	2.8
Hi Yr	1988	1988	1988			1989		1989	1988	1989	1989	1988
Low WL	2.8	2.7	2.7			2.7		2.2	2.4	2.8	3.1	3.0
Lo Yr	1988	1988	1988			1989		1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	2.77	2.66	2.69			2.65		2.24	2.39	2.82	3.13	3.03
Day	17	14	14			17		1	15	17	16	15

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

Aquifer: PYSXPYSX  
 Observer: USGS

Depth: 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	83.9	83.6	340.0	83.6	83.1	83.9	84.1	83.8	84.3	83.8	85.6	84.5
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	83.9	851.7	83.7	83.1	85.3	85.2	84.2	85.5	84.4	85.6	85.9
Lo Yr	1982	1985	1981	1986	1987	1989	1989	1982	1989	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg		85.05				85.29	85.19		85.45		85.60	85.93
Day		1				1	5		14		2	27

McLeod County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T115 R28 S5 QQQ: ACC1**  
Obwell # 43004

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 472.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	94.2	91.4	87.4	88.4	88.4	84.7	84.9	85.4	86.8	89.0	90.7	94.3
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	87.4	90.0	87.4	90.1	93.4	99.7	103.7
Lo Yr	1979	1979	1979	1986	1984	1981	1981	1979	1981	1986	1989	1989
<u>WATER YEAR 89</u>												
Rdg		90.80		87.70					87.88		99.74	103.66
Day		3		31					13		24	26

**T116 R29 S35 QQQ: DDC1**  
Obwell # 43003

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 269.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.5	28.0	25.8	27.8	25.4	26.2	26.3	26.8	26.5	26.1	30.8	29.3
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	32.0	26.3	32.2	26.0	28.1	28.2	28.2	32.6	28.0	34.8	34.3
Lo Yr	1980	1988	1978	1989	1985	1988	1981	1988	1989	1981	1989	1989
<u>WATER YEAR 89</u>												
Rdg		31.97		32.18					32.59		34.80	34.34
Day		3		31					13		24	26

**T117 R27 S10 QQQ: DAA1**  
Obwell # 43001

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 129.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	34.4	36.1	32.9	36.6	33.0	36.7	33.6	36.0	35.9	35.8	38.6	36.6
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	37.9	44.7	45.2	45.3	40.8
Lo Yr	1980	1986	1978	1987	1988	1987	1981	1978	1987	1987	1987	1989
<u>WATER YEAR 89</u>												
Rdg		38.51		39.75		40.00				43.27	40.76	
Day		3		31		16				24	26	

Meeker County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
 Observer: USGS

Depth: 26.0  
 Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.9	5.1	4.8	4.4	6.0	5.3	3.7	4.9	3.8	4.4	5.4	5.0
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	6.7	7.9	5.1	8.1	6.6	5.6	7.0	5.5	6.4	7.9	6.3
Lo Yr	1988	1987	1988	1985	1989	1981	1981	1989	1980	1987	1989	1987
<b>WATER YEAR 89</b>												
Rdg	7.73		7.90		8.09			7.03			7.94	
Day	5		2		13			25			8	

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

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 178.0  
 Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.6	24.6	24.6			24.9	24.5	24.9	26.6	27.5	26.6	26.0
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	28.1	27.9	27.9			27.6	27.4	27.5	31.6	32.3	32.4	31.6
Lo Yr	1988	1988	1988			1989	1989	1989	1988	1988	1989	1988
<b>WATER YEAR 89</b>						27.60	27.44	27.52	28.50	31.38	32.38	28.93
Rdg	28.12	27.88	27.91			31	24	24	28	24	23	26
Day	20	28	22									

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

Aquifer:  
 Observer: SWCD

Depth: 0.0  
 Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.8						31.8	31.6				
High WL	28.1						29.2	31.6				
Hi Yr	1986						1986	1984				
Low WL	37.5						35.4	31.6				
Lo Yr	1988						1989	1984				
<b>WATER YEAR 89</b>							35.36					
Rdg	37.50						24					
Day	20											

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

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 260.0  
 Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	62.0	60.0	61.0			60.7	61.9	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	65.9	61.3	61.0			60.7	65.0	60.6	60.4	65.5	75.4	76.1
Lo Yr	1988	1982	1982			1983	1989	1983	1983	1982	1982	1983
<b>WATER YEAR 89</b>							65.01					
Rdg	65.86						24					
Day	20											

Meeker County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T119 R31 S21** QQQ: A  
Obwell # 47003Aquifer: QBAAQBA  
Observer: SWCDDepth: 224.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	26.0	25.3	25.1			24.7	26.0	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	30.7	25.3	25.1			24.7	29.6	24.5	24.3	27.2	43.1	39.1
Lo Yr	1988	1982	1982			1983	1989	1983	1983	1982	1983	1983
<u>WATER YEAR 89</u>												
Rdg	30.73						29.63					
Day	20						24					

**T121 R31 S26** QQQ: BDC1  
Obwell # 47001Aquifer: QWTAQWTA  
Observer: USGSDepth: 16.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.8	5.3	5.8	4.9	6.5	5.5	4.2	5.0	4.4	5.0	5.4	5.2
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	7.2	8.9	5.6	9.2	6.6	5.4	8.2	5.1	6.5	9.1	6.9
Lo Yr	1988	1987	1988	1985	1989	1979	1981	1989	1980	1987	1989	1987
<u>WATER YEAR 89</u>												
Rdg	8.73			8.92		9.16			8.22		9.12	
Day	5			2		13			25		8	

**T121 R32 S33** QQQ: D  
Obwell # 47004Aquifer: QWTAQWTA  
Observer: SWCDDepth: 41.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.9						10.5	7.5				
High WL	2.7						7.0	7.5				
Hi Yr	1986						1986	1984				
Low WL	14.6						14.2	7.5				
Lo Yr	1988						1989	1984				
<u>WATER YEAR 89</u>							14.20					
Rdg	14.58						24					
Day	20											

**T121 R32 S34** QQQ: CBB  
Obwell # 47007Aquifer: QBAAQBA  
Observer: SWCDDepth: 118.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.7	13.9	14.2			14.8	14.3	14.3	16.0	16.3	15.4	14.7
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	18.6	18.5	18.4			18.1	17.8	17.8	21.6	22.2	21.3	19.3
Lo Yr	1988	1988	1988			1989	1989	1989	1988	1989	1989	1989
<u>WATER YEAR 89</u>						18.13	17.81	17.75	19.30	22.22	21.31	19.30
Rdg	18.57	18.48	18.43			31	24	24	28	24	23	26
Day	20	28	22									

## SUMMARY FOR 1989 WATER YEAR

**T38 R27 S35 QQQ: ABC1**  
**Obwell # 48000**

Aquifer: QBAAQBAA  
 Observer: USGS

Depth: 84.0  
 Years of Record: 23

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.9	39.9	39.7	39.9	39.9	40.0	39.8	39.3	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	42.0	41.6	42.8	42.4	41.9	42.6	41.8	42.4	42.2	40.9	42.7	42.7
Lo Yr	1977	1977	1988	1977	1981	1977	1988	1977	1989	1981	1988	1988
<u>WATER YEAR 89</u>							41.67		42.21		42.36	42.48
Rdg			42.77				7		22		4	30
Day			6									

Morrison County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T39 R31 S16 QQQ: BCB**  
Obwell # 49000

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 31.0  
Years of Record: 21

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.6	20.6	20.7	20.8	21.1	21.4	20.9	20.6	20.4	20.4	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 89</u>												
Rdg	23.85	23.81	23.82			24.20	23.34	22.68	22.20	22.50	23.40	22.71
Day	18	21	19			13	14	23	15	12	18	18

**T39 R31 S23 QQQ: DAA1**  
Obwell # 49001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.2	6.1	6.1	6.9	7.3	7.4	5.8	5.2	9.1	5.7	6.6	6.7
High WL	3.6	4.4	4.6	5.4	5.8	4.0	4.1	3.5	3.7	3.7	4.3	4.1
Hi Yr	1984	1984	1982	1983	1983	1983	1986	1986	1986	1978	1986	1986
Low WL	9.5	8.9	8.4	8.2	8.6	9.1	7.8	7.5	50.8	8.9	9.0	9.5
Lo Yr	1976	1976	1976	1975	1977	1978	1981	1988	1979	1988	1988	1976
<u>WATER YEAR 89</u>												
Rdg												
Day												

**T39 R32 S1 QQQ: BBD**  
Obwell # 49002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 131.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.7	3.4	3.6	3.6	3.9	3.8	2.4	2.6	2.9	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 89</u>												
Rdg	5.99	6.03	5.72				5.49	2.09	4.00	4.55	5.41	5.79
Day	18	22	19				13	17	23	15	12	21

**T39 R32 S9 QQQ: DCD**  
Obwell # 49003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 21

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	1.4	1.4	1.6	2.0	2.4	1.7	0.4	0.5	0.8	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 89</u>												
Rdg	3.10	3.01	2.78				2.40	1.18	0.49	1.28	2.16	3.00
Day	18	21	19				13	17	23	15	12	18

Morrison County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T39 R32 S35 QQQ: CAD1**  
Obwell # 49004

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 92.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.4	13.3	13.5	13.8	14.0	14.3	13.2	12.7	12.9	13.1	13.6	13.3
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
<b>WATER YEAR 89</b>						15.96	13.98	13.27	13.09	13.64	14.69	13.17
Rdg	15.80	15.78	15.92			13	17	23	15	12	18	18
Day	18	21	19									

**T39 R32 S35 QQQ: CAD2**  
Obwell # 49005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 31.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.2	13.2	13.4	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
<b>WATER YEAR 89</b>						15.78	13.88	13.06	12.80	14.32	15.40	13.78
Rdg	15.50	15.70	15.80			13	17	23	15	12	18	18
Day	18	21	19									

**T40 R31 S9 QQQ: CCC**  
Obwell # 49006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	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
<b>WATER YEAR 89</b>						12.56	11.10	10.68	9.85	10.41	11.20	10.30
Rdg	12.06	12.36	12.58			13	14	23	15	12	18	18
Day	26	22	19									

**T40 R31 S26 QQQ: BAA**  
Obwell # 49007

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.1	16.1	16.3	16.5	16.9	16.9	16.2	16.0	16.0	16.0	16.0	16.1
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
<b>WATER YEAR 89</b>						18.92	17.46	17.51	17.52	17.68	18.04	17.73
Rdg	18.32	18.45	18.57			13	14	26	15	12	18	18
Day	18	22	19									

Morrison County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T40 R32 S30 QQQ: DCD**  
Obwell # 49008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.2	4.0	4.2	4.3	4.7	4.5	3.4	3.5	3.8	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
<b>WATER YEAR 89</b>						5.52	3.44	3.69	3.73	4.45	5.35	4.07
Rdg	5.32	5.22	5.14			13	17	23	15	12	18	18
Day	18	21	19									

**T41 R32 S13 QQQ: DCA2**  
Obwell # 49009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.2	4.7	4.8	5.3	5.8	6.1	5.0	4.5	4.4	5.0	6.3	5.4
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
<b>WATER YEAR 89</b>						7.63	7.09	6.81	8.31	10.17	7.68	
Rdg	10.86					14	26	15	12	18		
Day	18											

**T41 R32 S24 QQQ: BBB**  
Obwell # 49010

Aquifer: QWTAQWTA  
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	8.3	8.3	8.6	8.8	9.1	9.1	8.4	7.9	7.9	7.9	8.3	8.5
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	10.1	10.4
Lo Yr	1988	1988	1988	1977	1977	1989	1977	1977	1988	1989	1976	1989
<b>WATER YEAR 89</b>						11.38	9.82	9.50	9.38	9.93		10.44
Rdg	11.42	11.37	10.90			13	14	26	15	12		18
Day	18	23	19									

**T127 R29 S7 QQQ: BAB**  
Obwell # 49012

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.5	5.2	5.5	5.9	6.3	6.3	5.4	4.8	4.8	5.1	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
<b>WATER YEAR 89</b>						5.94	6.93	6.26	6.70	7.22	5.46	
Rdg	6.88	7.10				17	23	15	12	18		
Day	18	21										

Morrison County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T127 R29 S27 QQQ: BAC**  
Obwell # 49013

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 51.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.7	39.5	39.6	39.5	39.5	39.3	39.0	38.9	39.1	39.3	39.6	39.7
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	41.3	41.8	42.7	44.0	43.6	42.2	40.9	41.1	41.7	42.4	42.5
Lo Yr	1988	1988	1976	1977	1977	1977	1977	1977	1977	1988	1988	1988
<b>WATER YEAR 89</b>						39.34	39.05	39.70	39.91	40.41	41.06	40.98
Rdg	42.18	41.33	41.30			13	17	23	15	12	18	18
Day	18	21	19									

**T127 R30 S2 QQQ: CCC**  
Obwell # 49027

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave									20.9	21.1	21.3	20.7
High WL									20.9	21.1	21.3	20.7
Hi Yr									1989	1989	1989	1989
Low WL									20.9	21.1	21.3	20.7
Lo Yr									1989	1989	1989	1989
<b>WATER YEAR 89</b>									20.92	21.13	21.34	20.70
Rdg									26	12	18	18
Day												

**T130 R29 S8 QQQ: DCC1**  
Obwell # 49014

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 59.0  
Years of Record: 41

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.0	12.8	12.8	13.1	13.3	13.5	13.4	13.2	13.1	13.5	13.7	13.2
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
<b>WATER YEAR 89</b>	17.07	16.76	16.77	16.92	17.42	17.25	16.60	15.96	15.97	15.67	16.56	16.23
Rdg	7	4	9	6	3	3	7	5	2	7	4	1
Day												

**T132 R30 S18 QQQ: DCC**  
Obwell # 49026

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 42.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	32.9	33.0	32.9	34.3	34.3	33.6	33.4	32.7	33.1	33.2	33.2	33.0
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
<b>WATER YEAR 89</b>	33.00	33.12	33.27			33.62	32.54	33.48	33.65	33.58	33.57	33.63
Rdg	18	15	16			13	17	19	22	15	16	18
Day												

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 13.5  
 Years of Record: 12

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	1.2	1.6	2.0	2.1	2.7	1.9	0.3	0.9	0.9	1.6	2.1	2.1
High WL		0.6	1.3	1.2	1.7	0.2	-0.9	0.1	-0.9		0.3	-0.1
Hi Yr	1984	1986	1983	1985	1984	1983	1982	1979	1984	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 89</u>						2.36	-0.02	0.44	0.94	2.39	2.98	2.12
Rdg	0.25	0.75	2.04			13	17	19	15	14	16	19
Day	26	15	16									

Mower County

DNR Region 5

## SUMMARY FOR 1989 WATER YEAR

**T102 R18 S5 QQQ: ACB1**  
Obwell # 50003

Aquifer: DCVADCVA  
Observer: USGS

Depth: 100.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	35.1	36.5	36.2	36.5	36.3	36.0	36.8	35.0	37.3	37.0	38.2	36.9
High WL	35.1	35.5	35.1	35.1	36.3	33.9	36.3	33.7	37.1	35.2	38.2	35.6
Hi Yr	1982	1983	1986	1983	1987	1983	1987	1984	1987	1984	1989	1982
Low WL	35.1	37.0	37.3	37.3	36.3	37.7	37.3	36.4	37.6	38.4	38.2	37.9
Lo Yr	1982	1987	1988	1982	1987	1989	1989	1985	1989	1985	1989	1985
<b>WATER YEAR 89</b>			37.27			37.67	37.34		37.60		38.20	37.58
Rdg			1			1	5		15		2	28
Day												

**T103 R17 S9 QQQ: DAA1**  
Obwell # 50000

Aquifer: DCVADCVA  
Observer: USGS

Depth: 130.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	39.4	40.7	39.1	40.1	39.7	40.8	40.3	39.4	40.5	39.5	40.5	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
<b>WATER YEAR 89</b>	40.80	40.70		40.85		41.28		40.60	41.23	41.49		
Rdg	6	18		18		9		2	9	28		
Day												

Murray County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.9	7.9	8.0	8.1	7.8	6.8	6.8	7.4	7.8	7.6	7.8	7.0
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	8.2	8.3	8.4	8.1	8.2	8.3	8.4	8.4	8.2	8.2
Lo Yr	1980	1981	1988	1982	1982	1981	1981	1981	1981	1981	1989	1981
<u>WATER YEAR 89</u>						8.02	8.10	8.01	8.04	7.86	8.19	8.14
Rdg	8.13	8.17	8.23			20	20	22	23	21	21	19
Day	24	23	21									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.8	4.3	3.9	4.7	4.5	3.2	2.1	3.6	3.7	3.7	4.3	4.7
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 89</u>						3.39	3.49	3.69	3.92	3.59	3.86	4.15
Rdg	5.39	5.54	5.44			20	20	22	23	21	21	19
Day	24	23	21									

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 204.8  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	79.9	79.6	79.6			79.7	79.9	79.7	81.6	81.7	81.4	81.1
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	79.9	79.6	79.6			79.7	79.9	80.5	81.6	81.7	82.2	81.9
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						79.69	79.88	80.53	81.55	81.74	82.21	81.90
Rdg	79.89	79.61	79.60			20	20	22	23	21	21	19
Day	24	23	21									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 6.5  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	2.7	2.0	2.4	4.9	3.7	1.5	0.4	0.8	1.8	2.6	3.4	3.3
High WL	-0.2	-0.8	-0.5	4.9	3.5	-1.6	-1.6	-0.8	-0.3	-0.9	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	4.1	3.6	3.1	4.5	5.2	5.9	6.2
Lo Yr	1988	1988	1981	1981	1979	1989	1989	1989	1981	1988	1988	1988
<u>WATER YEAR 89</u>						4.14	3.59	3.14	3.29	3.05	4.28	5.28
Rdg	5.86	5.73	4.96			20	20	22	23	21	21	19
Day	24	23	21									

Nobles County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T102 R40 S7** QQQ: AAAA  
Obwell # 53009

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 134.5  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.6	25.6	25.4			26.0	25.9	25.9	26.1	26.5	26.0	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	25.6	25.6	25.4			26.0	25.9	25.9	26.2	26.5	26.8	27.1
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						25.99	25.89	25.92	26.15	26.52	26.77	27.05
Rdg	25.57	25.56	25.35			1	3	6	5	6	1	
Day	5	1	2									1

**T102 R43 S32** QQQ: DDAD  
Obwell # 53010

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 88.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	26.1	26.2	26.0			26.4	26.1	25.9	26.4	26.6	26.4	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	26.1	26.2	26.0			26.4	26.1	26.1	26.4	26.6	26.6	26.9
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						26.42	26.10	26.08	26.43	26.60	26.57	26.94
Rdg	26.13	26.17	25.95			1	3	6	5	6	1	
Day	5	1	2									1

**T102 R43 S32** QQQ: DDAD  
Obwell # 53011

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 2

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.2	25.3	25.0			25.5	25.2	24.8	25.5	25.7	25.5	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	25.2	25.3	25.0			25.5	25.2	25.0	25.5	25.7	25.7	26.0
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						25.52	25.18	25.02	25.46	25.67	25.66	26.03
Rdg	25.21	25.26	24.98			1	3	6	5	6	1	
Day	5	1	2									1

Norman County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 180.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	36.1	33.8	32.7			31.3	31.0	30.9	33.9	45.1	50.0	41.9
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	34.8			32.5	32.0	31.8	41.2	70.8	78.0	48.0
Lo Yr	1988	1988	1988			1989	1989	1988	1989	1989	1988	1988
<u>WATER YEAR 89</u>												
Rdg	40.86	36.70	34.84			32.48	31.98	31.47	41.17	70.78	58.41	46.58
Day	7	8	8			8	13	24	21	18	21	14

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 248.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	38.3	33.4	34.1	32.8			31.9	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			33.0	31.6	31.5	41.0	59.1	52.0
Lo Yr	1984	1983	1983	1983			1989	1983	1983	1982	1982	1982
<u>WATER YEAR 89</u>												
Rdg	41.03						32.98					
Day	7						13					

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 189.0  
Years of Record: 7

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	31.1	31.6	30.4			30.1	30.1	30.5	28.9	29.7	37.2	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	31.7	29.7	30.9	55.6	40.8
Lo Yr	1984	1983	1984			1985	1984	1984	1988	1984	1989	1989
<u>WATER YEAR 89</u>												
Rdg	31.07	30.72	30.83			30.30	29.35	29.60	29.63	30.32	55.58	40.83
Day	6	4	8			22	13	24	21	18	21	10

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 110.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.5	29.8	27.2	26.7			25.8	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 89</u>												
Rdg	26.57						24.72					
Day	6						13					

Norman County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T144 R45 S12 QQQ: CCD**  
Obwell # 54007

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 134.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.4	24.4	24.3			24.6	24.6	24.5	24.4	24.6	25.1	25.2
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	25.4	25.2	25.3			25.1	25.0	24.8	24.9	25.1	28.3	28.2
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>						25.12	24.97	24.79	24.86	25.08	28.25	28.20
Rdg	25.37	25.18	25.28			8	13	24	21	18	21	10
Day	6	4	8									

**T145 R44 S8 QQQ: DDA**  
Obwell # 54008

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 228.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	29.5	29.3	29.2			29.2	29.3	29.2	29.3	29.5	29.4	29.6
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	29.9	29.6	29.8			29.6	29.6	29.6	29.8	29.8	29.8	30.1
Lo Yr	1988	1988	1988			1989	1989	1989	1985	1989	1985	1989
<b>WATER YEAR 89</b>						29.64	29.61	29.64	29.38	29.77	29.00	30.07
Rdg	29.88	29.62	29.76			8	13	24	21	18	15	10
Day	6	4	8									

**T145 R44 S17 QQQ: DAC**  
Obwell # 54004

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 117.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.4	15.3	15.3	15.3			14.0	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			14.6	14.6	15.0	14.5	45.1	18.4
Lo Yr	1982	1982	1982	1983			1985	1983	1983	1983	1983	1983
<b>WATER YEAR 89</b>		15.52					14.55					
Rdg		6					13					
Day												

Olmsted County

DNR Region 5

## SUMMARY FOR 1989 WATER YEAR

**T106 R14 S14 QQQ: ADB1**  
**Obwell # 55000**

Aquifer: CJDNCJDN  
 Observer: USGS

Depth: 478.0  
 Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	56.8	57.5	55.7	55.8	56.0	56.6	56.2	55.7	60.2	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	65.5	64.9	59.5	62.6	61.2	63.8	64.9	59.1	69.5	71.9	70.6	66.9
Lo Yr	1988	1988	1978	1989	1987	1989	1989	1977	1988	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	65.48	64.89	58.59	62.64	57.78	63.75	64.90		67.79	71.86	70.63	66.86
Day	12	21	20	18	22	29	26		27	26	29	19

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.4	15.2	15.3	15.7	16.0	15.6	15.1	14.6	14.5	14.7	14.9	15.1
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
<u>WATER YEAR 89</u>						17.25	15.79	15.46	15.19	16.01	17.09	17.26
Rdg	16.97	17.01	17.01			23	15	17	15	17	16	15
Day	17	14	14									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 0.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.5	4.1	4.4	4.9	5.1	4.6	3.8	3.8	3.8	4.2	4.5	4.5
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
<u>WATER YEAR 89</u>						5.99	4.06	4.09	4.08	5.10	6.03	5.61
Rdg	5.66	5.60	5.73			23	15	17	15	17	16	15
Day	17	14	14									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 28.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.8	24.4	24.9	25.8	26.0	25.3	25.0	24.8	24.7	24.5	24.6	24.7
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
<u>WATER YEAR 89</u>						26.39	25.40	24.99	24.89	25.27	25.86	25.73
Rdg	25.58	25.70	25.84			23	15	17	15	17	16	15
Day	17	14	14									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	33.2	33.3	33.2	34.9	35.0	33.5	33.0	32.9	33.3	33.3	33.1	33.2
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	34.4	34.3	36.0	35.9	34.9	34.9
Lo Yr	1984	1973	1973	1974	1974	1974	1989	1973	1972	1972	1989	1989
<u>WATER YEAR 89</u>						35.17	34.38	34.21	34.25	34.52	34.88	34.92
Rdg	34.24	34.36	34.61			23	15	17	15	17	16	15
Day	17	14	14									

Ottertail County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 165.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.4					13.1	12.3					
High WL	11.5					10.9	12.0					
Hi Yr	1986					1987	1986					
Low WL	12.9					15.2	12.7					
Lo Yr	1987					1989	1985					
<u>WATER YEAR 89</u>						15.23						
Rdg							23					
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.7	6.6	7.0	7.4	7.5	7.2	5.7	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	7.4	9.8	7.4	8.0	12.1	7.7
Lo Yr	1976	1976	1976	1977	1979	1979	1977	1977	1977	1980	1982	1978
<u>WATER YEAR 89</u>						7.53						
Rdg							23					
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 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	12.1	12.0	12.8	12.9	12.4	11.9	11.7	11.7	11.8	11.9	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 89</u>						13.41	12.47	12.22	12.20	12.52	12.96	12.73
Rdg							23	15	17	15	16	15
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 0.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	26.0	26.0	26.0	27.5	27.3	26.6	26.5	26.4	26.3	26.1	25.8	25.9
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	28.1	28.0	28.2	28.3
Lo Yr	1976	1976	1976	1978	1977	1977	1977	1978	1978	1978	1978	1978
<u>WATER YEAR 89</u>						27.15	27.46	27.51	27.30	27.20	27.44	27.49
Rdg							23	15	17	15	16	15
Day												

Ottertail County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 31.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	19.3	19.2	19.4	19.8	19.9	19.7	18.9	18.6	18.7	18.9	19.1	19.2
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	22.0	21.6	21.0	21.0	21.5	21.7	21.0
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1977
<u>WATER YEAR 89</u>												
Rdg	20.33	20.38	20.40			20.54	18.96	18.76	18.81	19.39	20.35	20.07
Day	17	14	14			23	15	17	15	17	16	15

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 89.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	29.9	30.0	30.3	30.3	30.8	30.3	29.9	30.0	30.1	30.0	30.1	30.1
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	32.7	33.1	33.1
Lo Yr	1977	1977	1977	1978	1978	1978	1984	1984	1977	1977	1971	1977
<u>WATER YEAR 89</u>												
Rdg	29.39	29.70	29.94			30.37	30.49	30.34	30.61	30.83	31.05	31.25
Day	24	21	21			21	20	30	22	26	21	25

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	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 89</u>												
Rdg	11.69	11.64	11.66			11.75	9.67	9.70	9.71	10.23	10.97	10.42
Day	17	14	14			23	15	15	15	17	16	15

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.9	9.9	10.0	10.6	10.8	10.4	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 89</u>												
Rdg	11.49	11.65	11.78			12.23	10.73	9.91	9.73	9.87	10.34	10.42
Day	17	14	14			23	15	17	15	17	16	15

Ottertail County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T133 R39 S10 QQQ: CCD1**  
Obwell # 56001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 23

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.2	8.0	8.0	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 89</u>												
Rdg	8.96	8.45	8.47			8.09	8.37	8.52	8.36	8.51	8.78	8.43
Day	14	15	13			20	13	15	16	14	16	14

**T133 R40 S13 QQQ: CCA**  
Obwell # 56003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	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 89</u>												
Rdg	6.17	6.29	6.38			4.45	4.59	5.32	5.20	5.89	6.15	5.59
Day	24	21	21			21	20	30	22	26	21	25

**T134 R36 S2 QQQ: DCC3**  
Obwell # 56005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 22.2  
Years of Record: 24

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	15.8	15.4	15.5	15.7	15.9	15.8	15.3	15.2	15.3	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 89</u>												
Rdg	16.86	16.90	16.90			17.05	17.06	17.06	17.05	17.10	17.22	17.29
Day	18	14	15			23	17	16	15	17	17	13

**T134 R36 S2 QQQ: DCC4**  
Obwell # 56006

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 63.5  
Years of Record: 23

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	17.6	17.2	17.4	17.6	17.9	17.7	17.4	17.1	17.5	18.7	20.2	18.1
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	25.2	22.6
Lo Yr	1988	1976	1976	1977	1977	1977	1977	1977	1977	1988	1988	1976
<u>WATER YEAR 89</u>												
Rdg	20.55	19.42	19.64			18.94	18.54	18.15	17.86	23.37	24.63	20.03
Day	18	14	15			23	17	16	15	17	17	13

Ottertail County

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## SUMMARY FOR 1989 WATER YEAR

**T134 R36 S8 QQQ: BCA**  
Obwell # 56042

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 107.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	40.3					42.3	40.5					
High WL	39.2					41.6	40.0					
Hi Yr	1986					1987	1986					
Low WL	41.7					43.2	41.1					
Lo Yr	1987					1989	1985					
<u>WATER YEAR 89</u>						43.18						
Rdg	40.10											
Day	18					23						

**T134 R37 S14 QQQ: CCC**  
Obwell # 56037

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 130.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	28.7					29.3	27.8					
High WL	25.7					26.6	26.3					
Hi Yr	1986					1987	1986					
Low WL	31.6					32.2	29.3					
Lo Yr	1988					1989	1985					
<u>WATER YEAR 89</u>						32.20						
Rdg	31.57											
Day	17					23						

**T134 R39 S1 QQQ: ACD2**  
Obwell # 56008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 52.5  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	2.6	2.5	2.7	2.8	2.9	2.7	2.0	2.7	3.0	4.2	4.0	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 89</u>						3.89	2.47	3.37	2.75	6.36	5.12	3.46
Rdg	3.90	3.87	3.88									
Day	14	15	13			20	13	15	16	14	15	14

**T134 R39 S29 QQQ: CBC**  
Obwell # 56040

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 145.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	25.6					25.8	24.6					
High WL	23.2					24.1	24.3					
Hi Yr	1985					1987	1986					
Low WL	28.3					27.4	25.1					
Lo Yr	1988					1989	1985					
<u>WATER YEAR 89</u>						27.42						
Rdg	28.27											
Day	17					20						

Ottertail County

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## SUMMARY FOR 1989 WATER YEAR

**T134 R41 S8 QQQ: CCC1**  
Obwell # 56009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 43.3  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	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	27.9	27.9	28.3	28.4	28.6	29.0	29.0
Lo Yr	1983	1983	1983	1982	1982	1982	1977	1983	1984	1984	1984	1984
<u>WATER YEAR 89</u>						25.98	25.96	25.93	25.99	26.36	26.54	26.40
Rdg	26.90	27.10	27.10			21	20	30	22	26	21	25
Day	24	21	21									

**T134 R41 S15 QQQ: CBC**  
Obwell # 56010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.5  
Years of Record: 21

HISTORICAL	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 89</u>						13.99	13.97	13.90	14.04	14.40	14.59	14.35
Rdg	13.10	13.35	13.50			21	20	30	20	26	21	25
Day	24	21	21									

**T134 R43 S14 QQQ: ADB1**  
Obwell # 56031

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 49.0  
Years of Record: 13

HISTORICAL	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	25.0	24.9	25.0	25.3	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 89</u>						25.33	25.16	24.98	25.21	25.81	26.06	25.72
Rdg	26.47	26.43	26.48			21	20	30	22	26	21	25
Day	24	21	21									

**T135 R38 S8 QQQ: BCB**  
Obwell # 56038

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 67.0  
Years of Record: 6

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.9					9.3	8.7					
High WL	7.1					8.1	7.5					
Hi Yr	1986					1988	1986					
Low WL	11.3					11.2	9.9					
Lo Yr	1988					1989	1985					
<u>WATER YEAR 89</u>		11.33				11.16						
Rdg		17				31						
Day												

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.2  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.7	24.7	24.8	24.8	25.0	25.0	24.5	24.4	24.4	24.3	24.6	24.7
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
<u>WATER YEAR 89</u>												
Rdg	26.48	26.54	26.63			26.94	25.87	25.32	25.32	24.89	26.46	26.20
Day	14	15	13			20	13	15	16	14	15	14

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 37.8  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	28.5	28.6	28.6	28.8	28.9	29.0	28.8	28.8	28.7	28.6	28.4	28.4
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
<u>WATER YEAR 89</u>												
Rdg	30.22	30.33	30.43			30.78	30.39	29.89	29.66	29.85	30.00	29.88
Day	14	15	13			20	13	15	16	14	15	14

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 31.0  
Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.7	22.5	22.6	22.5	22.6	22.8	22.6	22.4	22.6	22.5	22.7	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
<u>WATER YEAR 89</u>												
Rdg	24.48	24.49	24.65			24.46	24.20	23.68	23.60	24.08	24.70	24.27
Day	14	14	13			20	13	15	16	14	15	14

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 64.0  
Years of Record: 22

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	42.0	41.9	41.7	41.9	41.8	41.7	41.5	42.5	42.4	43.2	43.7	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
<u>WATER YEAR 89</u>												
Rdg	43.45	43.50	43.52			43.83	43.38	42.90	42.81	44.21	45.27	44.50
Day	14	14	13			20	13	15	15	18	16	14

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.1	8.1	8.2	8.3	8.4	7.7	7.7	7.7	7.8	8.0	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	8.5	8.6	8.7	8.7	8.7	8.4	8.4	8.4	8.5	8.5	8.6	8.7
Lo Yr	1978	1980	1980	1981	1981	1979	1979	1981	1983	1989	1989	1982
<u>WATER YEAR 89</u>						7.53	7.78	8.05	8.13	8.50	8.63	8.42
Rdg	8.29	8.47	8.50			21	20	30	22	26	21	25
Day	24	21	21									

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 160.0  
Years of Record: 5

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.2	8.1	8.5			9.1	8.0	7.5	8.5	11.7	10.5	8.6
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	9.4	10.5			11.1	8.8	9.2	12.2	17.8	18.7	10.3
Lo Yr	1988	1988	1988			1989	1988	1988	1988	1989	1989	1988
<u>WATER YEAR 89</u>						11.07	8.54	7.62	8.36	17.76	18.69	10.05
Rdg	10.40	9.43	10.51			20	13	15	19	14	18	14
Day	14	15	14									

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 72.0  
Years of Record: 6

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.0					14.6	13.5					
High WL	12.8					13.6	12.9					
Hi Yr	1985					1987	1986					
Low WL	15.4					15.4	14.2					
Lo Yr	1988					1989	1985					
<u>WATER YEAR 89</u>						15.39						
Rdg	15.40					31						
Day	17											

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

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 23.5  
Years of Record: 23

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.2	8.8	9.1	9.3	9.5	9.5	9.0	8.8	8.7	8.7	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 89</u>				11.01	11.14	10.47	9.95	9.52	9.52	10.07	10.05	9.50
Rdg	10.62	10.79		14	15	24	17	20	16	17	18	20
Day	19	30										

Pine County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.8  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.4	9.8	9.7	10.1	10.9	10.3	9.5	9.5	9.4	9.7	10.0	9.8
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	10.3	10.2	10.2	10.8	10.9	11.0
Lo Yr	1988	1988	1988	1981	1981	1989	1989	1980	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	11.07	11.09	11.17			11.39	10.26	10.15	9.00	9.58	10.40	10.43
Day	4	4	2			7	7	10	8	5	7	6

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.5  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.9	11.9	11.7	28.5	28.3	8.3	11.1	13.9	13.8	12.9	10.4	12.8
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	1986	1984	1984	1987	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 89</u>												
Rdg	4.71	4.75	4.09			3.84	2.90	2.76	2.46	3.58	4.34	4.40
Day	4	4	4			7	10	19	7	6	9	11

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 24.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.0	9.1	9.1	8.9	9.5	9.7	8.9	8.5	8.3	8.5	9.2	9.2
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 89</u>												
Rdg	12.17	12.15	11.72			12.65	12.11	11.42	9.34	9.66	10.56	10.85
Day	4	4	4			7	10	19	7	6	9	11

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 51.2  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.2	25.5	25.4	25.8	26.4	25.8	25.5	25.3	25.3	25.3	25.5	25.4
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	26.2	26.6	26.7	26.8
Lo Yr	1988	1977	1988	1981	1981	1989	1989	1989	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	26.92	26.98	27.02			27.40	26.82	26.60	25.84	25.87	26.08	26.11
Day	4	4	4			7	10	19	7	6	8	11

Pine County

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 42.7  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	17.8	18.3	18.4	19.5	19.3	19.1	18.3	18.2	18.3	17.9	18.0	18.2
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	1984	1984	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	20.2	21.5	20.5	20.1	20.3	21.0	20.5	20.6	20.7	20.6	20.7	20.7
Lo Yr	1988	1977	1988	1978	1981	1989	1981	1981	1981	1981	1981	1981
WATER YEAR 89						21.03	20.43	20.54	20.26	20.29	20.44	20.53
Rdg	20.16	20.34	20.48			7	7	10	7	5	7	6
Day	4	4	2									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.5  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.9	10.5	10.4	11.5	12.2	11.1	10.5	10.0	9.9	10.2	10.2	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	12.1	11.4	11.3	11.2	11.5	11.2	11.3
Lo Yr	1988	1977	1980	1981	1981	1981	1981	1981	1980	1980	1988	1988
WATER YEAR 89						11.70	11.05	10.46	9.45	10.55	11.15	11.08
Rdg	11.40	11.28	11.22			8	5	19	7	5	8	5
Day	4	8	9									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 28.6  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.0	9.9	10.2	9.4	9.6	10.6	10.2	9.5	9.4	9.7	10.0	10.0
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	12.1	11.8	10.3	10.3	11.0	11.4	11.4
Lo Yr	1988	1988	1988	1983	1984	1989	1989	1989	1987	1988	1988	1988
WATER YEAR 89						12.05	11.76	10.31	9.95	10.36	11.15	11.30
Rdg	11.61	11.77	11.67			8	4	19	7	5	8	5
Day	4	8	2									

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 28.0  
Years of Record: 22

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.0	19.8	19.9	20.0	20.0	20.3	20.2	19.8	19.4	19.5	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
WATER YEAR 89						21.43	21.59	20.77	20.44	20.36	20.79	21.08
Rdg	20.96	21.09	21.17	21.31		8	5	19	7	5	8	5
Day	4	8	2	13								

Pipestone County

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 59.0  
 Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	31.9	32.5	32.1			36.0	37.3	37.4	38.4	38.5	39.3	39.0
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	40.8	41.1	41.4			42.4	44.1	43.0	43.3	43.6	43.7	44.0
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>40.79</b>	<b>41.12</b>	<b>41.42</b>		<b>42.43</b>	<b>44.07</b>	<b>42.98</b>	<b>43.26</b>	<b>43.59</b>	<b>43.72</b>	<b>43.95</b>
	<b>Day</b>	<b>5</b>	<b>21</b>	<b>16</b>		<b>10</b>	<b>14</b>	<b>4</b>	<b>2</b>	<b>14</b>	<b>11</b>	<b>8</b>

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 12.5  
 Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.4	5.5	5.1	5.5	5.2	3.9	3.6	4.5	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
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>6.27</b>	<b>6.14</b>	<b>5.77</b>		<b>3.77</b>	<b>4.90</b>	<b>5.31</b>	<b>5.82</b>	<b>5.67</b>	<b>6.10</b>	<b>6.03</b>
	<b>Day</b>	<b>5</b>	<b>21</b>	<b>16</b>		<b>10</b>	<b>14</b>	<b>4</b>	<b>2</b>	<b>14</b>	<b>11</b>	<b>8</b>

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 63.0  
 Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	28.0	31.3	30.8			29.5	27.8	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	32.9	31.3	30.8			29.5	32.3	27.3	25.8	31.3	32.8	32.3
Lo Yr	1988	1982	1982			1983	1989	1983	1983	1982	1982	1982
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>32.92</b>				<b>32.30</b>						
	<b>Day</b>	<b>5</b>				<b>14</b>						

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

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 26.0  
 Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.6	4.7	4.1			4.4	3.7	3.8	4.9	5.4	6.4	6.7
High WL	3.1	3.4	1.5			3.6	3.3	3.6	4.3	4.1	5.3	5.5
Hi Yr	1986	1986	1986			1988	1987	1987	1987	1987	1987	1987
Low WL	6.3	6.0	6.0			5.4	4.6	4.0	5.5	6.2	7.3	7.5
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1988	1988	1988
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>6.31</b>	<b>6.00</b>	<b>6.02</b>		<b>5.43</b>	<b>4.57</b>	<b>3.97</b>	<b>5.45</b>	<b>6.01</b>	<b>6.71</b>	<b>7.07</b>
	<b>Day</b>	<b>5</b>	<b>21</b>	<b>16</b>		<b>10</b>	<b>14</b>	<b>4</b>	<b>2</b>	<b>14</b>	<b>11</b>	<b>8</b>

Pipestone County

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 57.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.7	10.3	9.1			9.3	10.6	7.0	7.5	7.9	9.4	11.7
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	9.1			9.3	14.1	7.0	7.5	9.3	10.6	11.9
Lo Yr	1988	1982	1982			1983	1986	1983	1983	1982	1982	1983
<u>WATER YEAR 89</u>												
Rdg	16.07						11.77					
Day	5						14					

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 44.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.4	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 89</u>												
Rdg	10.42						14.08					
Day	5						14					

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.5  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.6	9.8	9.5	9.6	9.7	8.7	8.0	9.0	9.2	9.4	10.0	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	10.4	10.6	10.6	10.7	10.3	12.7	10.6	10.9	12.0	16.0
Lo Yr	1983	1988	1988	1979	1981	1979	1981	1978	1981	1981	1985	1985
<u>WATER YEAR 89</u>												
Rdg	10.61	10.60	10.40			10.21	9.66	9.89	10.30	10.14	10.42	10.50
Day	5	21	16			10	14	4	2	14	11	8

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.2	9.6	8.6	10.0	9.3	9.1	7.7	8.7	8.1	8.9	9.6	8.6
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	12.3	12.4	12.5	11.2	11.1	11.0	11.2	12.2	12.6	12.2
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1988
<u>WATER YEAR 89</u>												
Rdg	12.00	12.18	12.27	12.37	12.48	11.22	11.07	10.98	11.19	12.24	12.58	11.06
Day	31	30	30	31	28	30	26	30	30	28	31	28

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

Aquifer: QBAA  
Observer: SWCD

Depth: 126.0  
Years of Record: 1

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave							25.7	25.7	37.1	70.7	36.3	29.2
High WL							25.7	25.7	37.1	70.7	36.3	29.2
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							25.7	25.7	37.1	70.7	36.3	29.2
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							25.68	25.69	37.14	70.68	36.31	29.21
Rdg							26	30	30	28	31	28
Day												

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

Aquifer: QWTA  
Observer: SWCD

Depth: 20.6  
Years of Record: 1

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave							19.3	19.2	19.5	20.3		20.5
High WL							19.3	19.2	19.5	20.3		20.5
Hi Yr							1989	1989	1989	1989		1989
Low WL							19.3	19.2	19.5	20.3		20.5
Lo Yr							1989	1989	1989	1989		1989
<u>WATER YEAR 89</u>							19.25	19.17	19.50	20.26		20.49
Rdg							26	30	30	28		28
Day												

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 20.0  
Years of Record: 24

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.9	5.8	5.8	6.3	6.4	5.8	5.1	5.0	4.4	5.0	5.6	5.8
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	7.8	7.5	7.7	6.9	7.5	7.8	8.2
Lo Yr	1976	1976	1976	1989	1977	1977	1977	1977	1989	1988	1976	1976
<u>WATER YEAR 89</u>												
Rdg	7.96	8.19	8.25	8.37	8.59	7.35	7.14	6.79	6.93	7.12	7.20	7.37
Day	31	30	30	31	28	30	27	31	30	28	31	28

Pope County

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 34.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.4	8.4	8.1	8.7	8.4	8.7	7.1	8.2	8.7	14.0	10.6	9.1
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	9.6	9.1	9.8	10.6	20.3	13.3	11.5
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1989	1988	1988	1988
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>10.70</b>	<b>10.46</b>	<b>10.30</b>	<b>10.14</b>	<b>10.29</b>	<b>9.63</b>	<b>9.08</b>	<b>9.03</b>	<b>10.62</b>	<b>17.22</b>	<b>12.81</b>
	<b>Day</b>	<b>31</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>28</b>	<b>30</b>	<b>27</b>	<b>31</b>	<b>30</b>	<b>28</b>	<b>31</b>

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

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	4.1	3.9	4.5	4.9	4.8	4.2	2.7	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	4.1	4.5	4.9	4.8	4.2	5.8	5.0	4.0		5.4	4.9
Lo Yr	1988	1982	1982	1983	1983	1983	1989	1988	1983		1982	1982
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>7.00</b>					<b>5.84</b>					
	<b>Day</b>	<b>31</b>					<b>26</b>					

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

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 136.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave							8.3	8.1	11.2	34.0	11.3	9.8
High WL							8.3	8.1	11.2	34.0	11.3	9.8
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							8.3	8.1	11.2	34.0	11.3	9.8
Lo Yr							1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>	<b>Rdg</b>						<b>8.05</b>	<b>11.20</b>	<b>34.01</b>	<b>11.25</b>	<b>9.80</b>	<b>28</b>
	<b>Day</b>	<b>31</b>					<b>31</b>	<b>30</b>	<b>28</b>	<b>31</b>		

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.0	4.3	4.5	5.3	5.2	4.0	3.7	3.9	3.6	4.5	4.4	4.5
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	5.9	5.8	5.3	5.7	6.6	6.9	6.8
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1988	1988	1988
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>6.82</b>	<b>6.80</b>	<b>6.89</b>	<b>6.94</b>	<b>7.04</b>	<b>5.88</b>	<b>5.80</b>	<b>5.31</b>	<b>5.71</b>	<b>6.03</b>	<b>5.98</b>
	<b>Day</b>	<b>31</b>	<b>30</b>	<b>30</b>	<b>31</b>	<b>28</b>	<b>30</b>	<b>27</b>	<b>31</b>	<b>30</b>	<b>28</b>	<b>28</b>

Pope County

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## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QBAAQBA  
Observer: USGS

Depth: 165.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							6.4	6.2	7.2	17.6	10.9	8.8
High WL							6.5	6.2	7.2	17.6	10.9	8.8
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							6.5	6.2	7.2	17.6	10.9	8.8
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							6.45	6.15	7.21	17.64	10.89	8.76
Rdg							27	31	30	28	31	28
Day												

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 18.0  
Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.9	7.8	7.7	8.2	8.2	7.9	7.2	7.1	6.9	7.3	7.9	7.9
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	11.2	11.0	10.1	9.7	9.7	11.0	11.5	11.0
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1988
<u>WATER YEAR 89</u>	10.95	10.97	11.09	11.19	11.24	10.98	10.10	9.65	9.72	11.04	11.52	10.41
Rdg	31	30	30	31	28	17	14	30	16	28	18	18
Day												

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

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 159.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.4						20.6	22.8	21.0			
High WL	17.8						19.2	22.8	21.0			
Hi Yr	1986						1986	1988	1984			
Low WL	25.8						23.7	22.8	21.0			
Lo Yr	1988						1989	1988	1984			
<u>WATER YEAR 89</u>	25.83						23.68					
Rdg	31						26					
Day												

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

Aquifer: QBAA  
Observer: SWCD

Depth: 151.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							15.9	15.8	32.6	80.3	31.4	20.4
High WL							15.9	15.8	32.6	80.3	31.4	20.4
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							15.9	15.8	32.6	80.3	31.4	20.4
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							15.84	32.63	80.27	31.41	20.37	
Rdg							30	30	28	31	28	
Day												

Pope County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.0	6.8	6.7	7.1	6.5	6.6	5.3	6.1	5.8	6.7	7.2	7.1
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	9.0	9.3	9.1	9.2	8.8	8.7	8.7	8.9	9.5	9.7	9.5
Lo Yr	1981	1983	1981	1984	1989	1983	1981	1983	1983	1988	1982	1982
<u>WATER YEAR 89</u>	<u>8.87</u>	<u>8.88</u>	<u>8.95</u>	<u>9.03</u>	<u>9.19</u>	<u>8.20</u>	<u>8.22</u>	<u>8.05</u>	<u>8.12</u>	<u>8.65</u>	<u>9.61</u>	<u>9.24</u>
Rdg Day	31	30	30	31	28	30	27	31	30	28	31	28

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.0  
Years of Record: 24

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.8	8.5	8.5	8.6	8.5	8.4	7.9	8.0	7.8	8.7	9.2	8.5
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	10.2	10.9	9.5	12.4	12.2	11.0
Lo Yr	1977	1977	1977	1978	1977	1977	1977	1977	1983	1977	1977	1976
<u>WATER YEAR 89</u>	<u>10.06</u>	<u>10.05</u>	<u>10.19</u>	<u>10.25</u>	<u>10.39</u>	<u>9.15</u>	<u>9.28</u>	<u>9.20</u>	<u>9.41</u>	<u>6.35</u>	<u>7.31</u>	<u>6.94</u>
Rdg Day	31	30	30	31	28	30	27	31	30	28	31	28

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 40.5  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	23.4	23.5	23.2	56.0	23.5	23.8	22.3	22.9	22.4	23.0	23.5	23.7
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	25.8	25.4	25.3	25.3	24.8	25.2	25.8	25.7
Lo Yr	1988	1988	1988	1981	1989	1989	1981	1981	1989	1988	1989	1989
<u>WATER YEAR 89</u>	<u>25.69</u>	<u>25.71</u>	<u>25.72</u>	<u>25.74</u>	<u>25.79</u>	<u>25.44</u>	<u>25.01</u>	<u>24.83</u>	<u>24.83</u>	<u>25.24</u>	<u>25.75</u>	<u>25.70</u>
Rdg Day	31	30	30	31	28	30	27	31	30	28	31	28

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.6	7.8	7.7	8.2	8.0	7.9	7.0	7.1	7.0	8.1	8.2	7.9
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	9.9	9.3	9.0	9.6	11.1	10.6	10.5
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1988	1989	1989	1988
<u>WATER YEAR 89</u>	<u>10.30</u>	<u>10.33</u>	<u>10.35</u>	<u>10.48</u>	<u>10.56</u>	<u>9.91</u>	<u>9.29</u>	<u>9.02</u>	<u>9.49</u>	<u>11.08</u>	<u>10.58</u>	<u>9.82</u>
Rdg Day	31	30	30	31	28	30	26	30	30	28	31	28

Pope County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	15.5	15.7	15.5	16.2	15.5	16.0	15.2	15.5	15.1	15.5	15.9	15.9
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	17.6	17.3	17.2	17.2	17.8	18.2	18.1
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1988
<u>WATER YEAR 89</u>												
Rdg	18.09	18.14	18.20	18.26	18.32	17.59	17.27	17.19	17.22	17.83	18.17	17.92
Day	31	30	30	31	28	30	26	30	30	28	31	28

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	122.0	66.6	122.0	106.3	94.1	122.0	65.8	135.9	57.9	122.7	122.2	106.1
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 89</u>												
Rdg	11.97	12.02	11.97	11.93	11.93	10.65	10.78	10.75	11.06	11.90	12.12	11.73
Day	31	30	30	31	28	30	26	30	30	28	31	28

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

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	128.1	79.5	128.1	112.8	104.0	123.9	86.3	138.5	73.2	128.3	119.9	104.1
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 89</u>												
Rdg	36.41	36.43	36.29	36.34	36.30	35.86	35.00	34.93	35.12	35.60	36.03	35.85
Day	31	30	30	31	28	30	26	30	30	28	31	28

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

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 64.3  
Years of Record: 24

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	36.8	36.9	36.7	37.0	36.9	37.0	36.5	36.5	36.5	36.9	37.3	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 89</u>												
Rdg	38.00	37.95	37.93	37.93	37.93	37.60	37.30	37.30	37.69	39.00	38.20	37.95
Day	31	30	30	31	28	30	26	30	30	28	31	28

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 32.7  
 Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.0	25.0	24.2	25.2	24.5	24.8	23.8	24.1	23.9	24.1	24.4	24.4
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	26.1	26.2	26.3	26.3	26.4	25.8	25.3	25.4	26.4	25.7	26.1	26.2
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	26.14	26.20	26.26	26.32	26.35	25.81	25.28	25.35	26.41	25.70	26.10	26.24
Day	31	30	30	31	28	30	26	30	30	28	31	28

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

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 17.0  
 Years of Record: 24

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.6	7.6	7.6	8.0	8.2	8.0	7.1	6.9	6.7	7.0	7.4	7.6
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	9.5	9.6	9.6	9.6	10.3	10.1	10.1
Lo Yr	1977	1988	1988	1989	1989	1977	1977	1977	1977	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	10.02	10.13	10.25	10.39	10.52	9.15	8.77	8.61	8.70	9.50	9.55	9.27
Day	31	30	30	31	28	30	26	30	30	28	31	28

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

Aquifer: QWTAQWTA  
 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	8.5		9.4				7.7	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				10.2	9.8	7.2			
Lo Yr	1988		1983				1989	1988	1984			
<u>WATER YEAR 89</u>							10.15					
Rdg	11.33						26					
Day	31											

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

Aquifer: QBAA  
 Observer: SWCD

Depth: 105.0  
 Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave							11.7	11.6	35.5	35.3	13.8	12.6
High WL							11.7	11.6	35.5	35.3	13.8	12.7
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							11.7	11.6	35.5	35.3	13.8	12.7
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg							11.56		35.50	35.33	13.79	12.65
Day							30	30	28	31	28	28

Pope County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T126 R37 S28 QQQ: ABC**  
Obwell # **61027**

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	117.1	61.4	117.3	99.8	89.4	68.4	9.3	112.1	61.2	117.3	107.5	89.4
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
<u>WATER YEAR 89</u>												
Rdg	11.74	11.39	12.11	12.18	12.32	8.88	8.07	10.35	10.79	11.52	10.66	11.00
Day	31	30	30	31	28	30	26	30	30	28	31	28

**T126 R37 S34 QQQ: DDDD**  
Obwell # **61033**

Aquifer: QBAA  
Observer: SWCD

Depth: 112.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave							30.9	30.7	33.0	49.8	35.1	32.2
High WL							30.9	30.7	33.0	49.8	35.1	32.2
Hi Yr							1989	1989	1989	1989	1989	1989
Low WL							30.9	30.7	33.0	49.8	35.1	32.2
Lo Yr							1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							30.93	30.74	32.96	49.83	35.13	32.24
Rdg							26	30	30	28	31	28
Day												

**T126 R37 S35 QQQ: BCC**  
Obwell # **61026**

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	110.9	9.6	111.1	94.4	84.9	106.0	65.4	122.2	51.1	111.0	101.8	84.7
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
<u>WATER YEAR 89</u>												
Rdg	11.27	11.34	11.46	11.55	11.61	9.96	9.85	9.63	9.75	10.25	10.43	10.39
Day	31	30	30	31	28	30	26	30	30	28	31	28

## SUMMARY FOR 1989 WATER YEAR

**T29 R22 S14 QQQ: CAB1**  
Obwell # 62009

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 520.0  
Years of Record: 25

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	127.7	128.8	86.4	114.2	126.3	122.8	113.3	130.7	135.5	132.1	122.0	130.2
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	130.4	87.5	129.9	127.9	130.1	140.6	136.1	139.3	139.2	136.2	136.5
Lo Yr	1988	1982	1966	1989	1981	1989	1966	1989	1987	1989	1966	1989
<b>WATER YEAR 89</b>												
Rdg	129.72			129.86		130.10		136.11		139.19		136.53
Day	31			17		31		15		24		18

**T29 R22 S14 QQQ: CAB2**  
Obwell # 62010

Aquifer: TILLTILL  
Observer: USGS

Depth: 80.0  
Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	37.1	38.2	40.6	37.7	38.4	38.9	38.5	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
<b>WATER YEAR 89</b>												
Rdg	38.10			38.88		39.59		39.84		39.65		38.42
Day	31			17		31		15		24		18

**T29 R22 S14 QQQ: CAB3**  
Obwell # 62011

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 52.0  
Years of Record: 23

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.8	18.1	19.5	18.8	18.2	19.1	17.7	19.1	16.7	19.3	19.1	17.3
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
<b>WATER YEAR 89</b>												
Rdg	20.72			21.65		22.97		23.26		23.57		22.23
Day	31			17		31		15		24		18

**T29 R22 S16 QQQ: ADD1**  
Obwell # 62008

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 163.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	69.4	71.1		70.5	66.0	70.1	67.6	70.4	68.3	70.7	69.5	70.5
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	73.0		73.2	66.0	72.2	69.1	71.8	70.3	72.4	70.7	72.8
Lo Yr	1988	1982		1983	1987	1983	1985	1989	1984	1989	1988	1989
<b>WATER YEAR 89</b>												
Rdg	71.27			71.70		71.83		71.76		72.40		72.85
Day	31			17		13		15		24		18

Ramsey County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

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

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 523.0  
Years of Record: 20

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	137.8	137.0	138.5	136.8	137.8	136.9	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	140.0	140.1	140.3	140.6	145.8	141.9	151.0	147.5	148.3	147.7	143.3
Lo Yr	1970	1970	1979	1971	1971	1978	1987	1981	1978	1989	1979	1976
<b>WATER YEAR 89</b>								141.92		148.30		
Rdg		135.90			137.06				15		24	
Day		30			31							

**T29 R22 S31 QQQ: DDD1**  
Obwell # 62003

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 313.0  
Years of Record: 19

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	46.7	41.8	40.7	40.8	41.7	40.4	38.4	48.4	62.9	64.5	70.4	59.2
High WL	34.8	35.6	34.2	34.0	32.8	33.0	32.0	32.9	41.8	50.2	51.5	47.3
Hi Yr	1986	1979	1982	1980	1980	1983	1980	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
<b>WATER YEAR 89</b>												
Rdg	55.54	47.00	46.19	44.47	37.68	37.52	34.31	36.77	62.16	68.94	79.16	69.41
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: 19

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	108.8	109.2	109.0	108.7	108.1	108.5	108.9	109.0	109.3	109.4	109.8	109.3
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	109.4	110.8	110.0	110.3	110.0	110.8	111.2	110.9
Lo Yr	1983	1982	1975	1984	1980	1984	1976	1984	1977	1981	1975	1981
<b>WATER YEAR 89</b>												
Rdg	107.95			107.99			108.22			108.60		
Day	31			17			13			10		
									110.63			109.99
									24			18

**T29 R23 S25 QQQ: CCD1**  
Obwell # 62004

Aquifer: PYHFPYHF  
Observer: USGS

Depth: 1120.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	189.6	188.2	187.3	186.4	185.2	184.2	183.6	183.2	184.1	188.0	189.6	193.6
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	220.6	220.7	218.7	216.8	216.1	214.4	213.0	214.0	214.6	215.8	220.3	225.9
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>												
Rdg	220.60	220.68	218.66	216.75	216.05	214.39	213.00	214.03	214.60	215.76	220.28	225.92
Day	1	1	1	1	1	1	1	1	1	1	1	1

Ramsey County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T29 R23 S35 QQQ: BAD1**  
Obwell # 62034Aquifer: OSTPOSTP  
Observer: USGSDepth: 234.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	122.2	122.5		121.9	121.3	120.9	121.6	122.4	124.4	122.3	121.2	123.1
High WL	120.1	122.1		119.8	118.8	119.3	121.2	118.9	120.3	120.6	121.1	120.6
Hi Yr	1987	1984		1989	1987	1987	1985	1988	1986	1986	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 89</u>												
Rdg	120.35			119.76		119.37		119.92		120.95		121.10
Day	31			17		13		10		24		15

**T30 R22 S23 QQQ: CBB1**  
Obwell # 62033Aquifer: QBAAQBA  
Observer: USGSDepth: 96.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	17.5	21.5		21.7	18.5	21.1	23.2	21.5	21.8	21.4	24.4	22.3
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	17.5	25.6		25.7	18.5	22.6	25.7	26.6	22.5	26.7	27.6	27.9
Lo Yr	1986	1988		1989	1987	1988	1989	1989	1987	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg	25.62			25.72			25.72	26.62			27.63	27.85
Day	15			27			4	22			16	21

**T30 R23 S35 QQQ: BDC1**  
Obwell # 62030Aquifer: CJDNCJDN  
Observer: USGSDepth: 536.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	136.0	135.1	135.1	135.1	135.1	134.5	134.3	134.7	136.0	138.5	139.0	137.6
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	139.7	138.9	139.0	138.3	139.1	139.5	136.7	137.7	138.3	143.2	144.7	143.6
Lo Yr	1982	1982	1982	1983	1989	1989	1979	1980	1988	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	135.03	134.55	138.00	139.13	139.49	135.10	135.28	136.11	143.18	144.73	143.60	143.60
Day	1	1	1	1	1	1	1	1	1	1	1	1

Redwood County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T109 R36 S21 QQQ: DCC1**  
Obwell # 64007Aquifer: QWTAQWTA  
Observer: SWCDDepth: 20.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.1	9.8	9.8	9.9	11.0	9.8	8.8	9.5	9.7	10.2	10.8	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	12.4	12.2	12.2	10.3	11.5	11.6	11.5	11.5	12.5	12.5	12.5	12.5
Lo Yr	1987	1987	1987	1978	1981	1981	1981	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg							10.90	11.50	12.50	12.50	12.50	12.50
Day							19	16	23	18	16	19

**T109 R37 S9 QQQ: CCC1**  
Obwell # 64009Aquifer: QWTAQWTA  
Observer: SWCDDepth: 18.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	14.5	14.4	14.2	14.5	14.0	11.7	12.2	13.3	13.2	14.3	15.1	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	15.8	15.7	15.5	16.1	15.0	15.1	16.2	16.2	16.5	16.9	16.9
Lo Yr	1978	1978	1978	1981	1979	1981	1981	1981	1989	1989	1989	1978
<u>WATER YEAR 89</u>												
Rdg	15.45	15.41	15.50				14.70	15.20	16.20	16.50	16.85	16.70
Day	17	18	12				19	16	23	18	16	19

**T109 R38 S30 QQQ: BBD1**  
Obwell # 64000Aquifer: KRETKRET  
Observer: USGSDepth: 240.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.5	25.6	25.4	25.6	25.3	25.4	25.0	25.4	25.3	25.6	25.4	25.8
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	25.7	26.3	25.9	26.5	26.3	26.8
Lo Yr	1988	1984	1988	1985	1989	1985	1986	1985	1988	1985	1987	1984
<u>WATER YEAR 89</u>												
Rdg	26.41		26.27	26.22	26.29			26.07		26.17		26.36
Day	24		16	31	22			24		27		15

**T110 R38 S20 QQQ: CCD1**  
Obwell # 64008Aquifer: QWTAQWTA  
Observer: SWCDDepth: 18.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.6	7.1	7.1	6.8	7.8	6.9	5.3	5.5	6.5	6.2	6.8	7.7
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	8.4	8.3	11.5	7.8	7.9	10.3
Lo Yr	1988	1988	1988	1981	1979	1988	1988	1981	1981	1980	1978	1981
<u>WATER YEAR 89</u>												
Rdg	11.65	12.50	12.50	12			5.20	5.60	6.40	6.90	7.50	8.15
Day	17	18	12				19	16	23	18	16	19

Redwood County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T110 R39 S17 QQQ: AAA1**  
Obwell # 64010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.7	7.8	7.5	6.8	7.4	5.6	5.4	6.8	7.0	7.5	8.1	8.3
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	9.8	9.7	9.3	8.4	8.5	8.2	8.2	8.8	9.3	9.5	9.9	10.2
Lo Yr	1988	1988	1988	1981	1979	1987	1981	1980	1989	1989	1988	1988
<u>WATER YEAR 89</u>							8.10	8.60	9.30	9.50	9.89	10.15
Rdg	9.80	9.67	9.32				19	16	23	18	16	19
Day	17	18	12									

**T112 R37 S21 QQQ: CCC1**  
Obwell # 64013

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.1	12.0	12.2	11.8	12.5	12.1	10.8	10.7	10.9	11.7	12.2	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	14.4	14.7	13.4	13.9	14.1	12.8	12.9	13.6	13.6	14.1	14.5
Lo Yr	1988	1988	1988	1981	1978	1978	1989	1989	1989	1988	1988	1987
<u>WATER YEAR 89</u>							12.80	12.90	13.61	12.55	13.86	14.20
Rdg	14.37	14.42	14.65				19	16	23	18	16	19
Day	17	18	12									

**T112 R39 S22 QQQ: BBB1**  
Obwell # 64011

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.5  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.7	6.8	6.6	6.2	6.0	4.4	4.1	5.2	5.5	6.4	6.8	7.0
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	1984	1979	1979
Low WL	71.6	7.8	7.6	7.4	7.5	7.1	7.2	7.4	7.3	7.1	7.9	8.1
Lo Yr	1981	1988	1987	1981	1979	1981	1981	1981	1981	1988	1988	1988
<u>WATER YEAR 89</u>							5.90	6.20	7.10	7.00	7.74	7.60
Rdg	7.75	7.76	7.52				19	16	23	18	16	19
Day	17	18	12									

Rice County

DNR Region 5

## SUMMARY FOR 1989 WATER YEAR

**T110 R20 S19 QQQ: BDC1**  
Obwell # 66015

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 400.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.8	7.8	7.8	8.1	6.6	7.7	8.5	7.7	8.9	8.5	9.3	8.4
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	8.9	9.4	9.3	6.6	9.0	9.2	9.9	9.3	10.9	9.9	10.5
Lo Yr	1987	1981	1988	1981	1987	1981	1989	1989	1979	1981	1989	1989
<u>WATER YEAR 89</u>												
Rdg												
Day					9.42	9.24		9.17	9.89		9.93	10.50
					1	24		5	17		2	22

**T111 R20 S11 QQQ: CDC1**  
Obwell # 66016

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 158.0  
Years of Record: 10

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.7	25.1	23.6	24.8	22.7	24.2	24.3	23.7		23.9	25.1	24.4
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	22.8	27.2	24.3	26.5		26.8	25.1	26.3
Lo Yr	1980	1981	1988	1982	1987	1982	1989	1981		1981	1989	1981
<u>WATER YEAR 89</u>												
Rdg												
Day					25.13	25.12		24.28	24.20		25.07	25.35
					1	24		5	17		2	22

**T112 R21 S31 QQQ: CBB1**  
Obwell # 66017

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 276.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	139.6	140.2	138.3	139.8	137.2	139.2	137.4	139.4	139.3	139.1	140.5	139.3
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	140.5	137.4	141.6	140.9	141.6	140.9	141.3
Lo Yr	1981	1980	1988	1982	1987	1983	1987	1981	1980	1981	1980	1981
<u>WATER YEAR 89</u>												
Rdg					139.46	139.58		139.74	139.68		140.16	140.11
Day					5	24		22	17		15	22

Rock County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T102 R45 S35 QQQ: DDC1**  
Obwell # 67000

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.5  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.9	6.2	5.8	5.4	5.1	4.9	3.8	4.6	5.4	5.5	6.1	6.3
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	7.3	7.2	7.0	6.2	6.6	6.5	6.3	6.9	7.0	7.1	7.3	7.5
Lo Yr	1988	1988	1988	1982	1981	1981	1989	1981	1981	1988	1988	1988
<b>WATER YEAR 89</b>						5.07	6.32	6.65	6.94	6.89	7.31	7.23
Rdg	7.31	7.21	7.04			16	11	11	13	6	8	11
Day	13	18	12									

**T102 R46 S14 QQQ: AAA1**  
Obwell # 67001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.5  
Years of Record: 12

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.5	7.7	7.6	7.9	7.7	7.2	5.7	6.8	6.7	6.8	7.4	8.1
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	9.2	9.1	9.0	9.0	8.8	8.8	8.6	10.0	8.7	8.5	8.7	9.0
Lo Yr	1988	1988	1988	1982	1982	1981	1981	1978	1981	1981	1988	1988
<b>WATER YEAR 89</b>						7.79	7.66	7.59	8.09	8.22	8.55	8.83
Rdg	9.16	9.14	8.99			16	11	11	13	6	8	11
Day	13	18	12									

**T102 R47 S35 QQQ: AADD**  
Obwell # 67004

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 177.5  
Years of Record: 4

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	48.9	48.5	48.3			48.2	48.3	48.8	49.5	49.8	50.2	50.1
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	50.6	50.1	50.0			49.6	49.6	50.3	50.8	51.6	51.8	51.7
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>						49.56	49.58	50.30	50.79	51.59	51.82	51.70
Rdg	50.55	50.12	50.00			16	11	11	13	6	8	11
Day	13	18	12									

**T104 R44 S21 QQQ: CDC1**  
Obwell # 67003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.8  
Years of Record: 12

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.3	7.2	7.2	7.4	7.3	6.4	6.1	6.6	7.4	7.0	7.4	8.5
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	8.3	8.3	7.6	7.6	7.6	7.6	7.8	10.0	8.0	8.2	17.1
Lo Yr	1988	1988	1988	1982	1982	1979	1981	1981	1979	1988	1988	1985
<b>WATER YEAR 89</b>						6.24	6.74	7.44	7.66	7.84	8.00	8.16
Rdg	8.30	8.26	8.25			16	11	11	13	6	8	11
Day	13	18	12									

Scott County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T113 R24 S4 QQQ: BBA**  
Obwell # 70020

Aquifer:  
Observer: SWCD

Depth: 325.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	31.3							32.2				37.5
High WL	29.4							28.8				37.5
Hi Yr	1985							1985				1987
Low WL	33.4							37.2				37.5
Lo Yr	1988							1988				1987
<u>WATER YEAR 89</u>												
Rdg	33.44							33.70				
Day	14							17				

**T113 R24 S6 QQQ: BCB1**  
Obwell # 70001

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 245.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	123.7	121.6	122.5	121.7	122.5	120.8	118.8	123.2	121.4	121.6	121.9	121.2
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
<u>WATER YEAR 89</u>												
Rdg			121.32				121.33				120.70	
Day			2				2				14	

**T113 R24 S28 QQQ: DAA1**  
Obwell # 70016

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 655.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	221.5	132.8	133.0	150.5	133.6	132.4	177.6	147.5	135.0	133.3	179.4	153.3
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	133.8	133.0	221.3	133.6	132.9	221.4	221.2	136.0	136.5	221.7	222.0
Lo Yr	1981	1987	1988	1982	1987	1989	1982	1982	1985	1985	1981	1982
<u>WATER YEAR 89</u>												
Rdg			133.00	132.99			132.86				137.07	
Day			5	24			27				15	

**T113 R24 S28 QQQ: DAA2**  
Obwell # 70017

Aquifer: CIGLCIGL  
Observer: USGS

Depth: 450.0  
Years of Record: 9

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	132.3	222.6	223.6	204.8	222.5	222.2	177.3	204.1	222.4	222.4	132.7	200.4
High WL	132.3	221.8	222.6	132.6	222.5	221.3	132.4	132.2	222.4	221.3	132.7	132.2
Hi Yr	1981	1982	1986	1982	1987	1983	1982	1982	1985	1983	1981	1982
Low WL	132.3	223.6	224.7	224.6	222.5	222.7	222.3	223.0	222.5	224.1	132.7	225.8
Lo Yr	1981	1987	1988	1989	1987	1989	1987	1988	1987	1988	1981	1988
<u>WATER YEAR 89</u>												
Rdg			224.73	224.59			222.74					
Day			5	24			27					

Scott County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T113 R25 S2 QQQ: CAC1**  
Obwell # 70015

Aquifer: CFRNCIGL  
Observer: USGS

Depth: 323.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.2	9.0	10.5	8.9		7.9	8.5	7.4	8.8	7.9	9.6	9.1
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	10.3	10.5	10.4		10.2	9.7	10.0	9.9	10.0	10.3	10.9
Lo Yr	1980	1980	1988	1981		1981	1989	1981	1989	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg							9.65				10.28	
Day				2			6		9.87	14	3	27

**T114 R21 S20 QQQ: BAA1**  
Obwell # 70007

Aquifer: QBAAQBAA  
Observer: USGS

Depth: 98.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	37.5	38.4	37.2	37.8	34.0	37.6	36.8	37.4	37.7	37.3	40.1	37.9
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 89</u>												
Rdg				37.84	38.08		37.68		38.26		40.29	
Day				5	24		24		17		15	22

**T114 R22 S35 QQQ: DCC1**  
Obwell # 70008

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 235.0  
Years of Record: 11

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	87.0	87.9	86.3	87.0	83.4	87.1	86.5	86.7	86.7	85.6	88.5	86.6
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 89</u>												
Rdg				86.01	86.59		87.05		86.87		87.55	
Day				5	24		24		17		15	22

**T115 R21 S9 QQQ: CCC1**  
Obwell # 70002

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 846.0  
Years of Record: 19

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	34.8	44.1	45.3	40.8	34.9	39.6	32.1	38.1	34.0	47.4	32.3	51.4
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	58.2	68.1	59.3	59.7	72.3	80.7	38.7	78.3
Lo Yr	1974	1987	1986	1989	1987	1989	1987	1986	1987	1988	1974	1988
<u>WATER YEAR 89</u>												
Rdg				72.35	68.31		68.05					
Day				2	20		14					

Scott County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T115 R22 S5 QQQ: BAC**  
Obwell # 70018

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	28.8	28.9	30.1	28.6	29.5	29.4	29.0	28.1	29.4	28.7	29.0	29.2
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	29.5	32.2	32.7	30.8	31.3	31.6	31.6	31.5
Lo Yr	1987	1988	1988	1985	1987	1988	1988	1988	1987	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	31.28	31.14	34.00			31.03	30.31	30.09	30.45	30.71	30.91	30.92
Day	14	15	27			17	17	12	21	13	15	18

**T115 R23 S16 QQQ: CCD**  
Obwell # 70019

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 68.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.4	7.5	8.3	5.4		8.0	7.9	8.4	8.8	7.7	7.6	7.9
High WL	3.8	3.3	5.5	5.4		4.3	3.2	5.5	6.0	2.8	2.8	3.4
Hi Yr	1984	1984	1985	1985		1985	1985	1985	1985	1984	1984	1984
Low WL	10.9	10.8	10.5	5.4		10.6	11.1	11.1	11.0	11.1	11.2	11.2
Lo Yr	1988	1988	1988	1985		1989	1989	1989	1989	1989	1989	1988
<u>WATER YEAR 89</u>												
Rdg	10.93	10.75	10.51			10.60	11.14	11.13	11.01	11.05	11.17	10.55
Day	14	15	27			17	17	12	21	13	15	18

**T115 R23 S28 QQQ: BDD1**  
Obwell # 70021

Aquifer: CJDNCJDN  
Observer: SWCD

Depth: 140.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	39.3	37.2	36.8	37.1	38.1	36.8	38.5	38.0	32.7	37.8	42.3	37.6
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	39.3	41.7	36.8	42.8	38.1	42.3	38.5	42.1	32.7	41.3	42.3	42.4
Lo Yr	1987	1988	1986	1989	1987	1989	1987	1989	1985	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg		41.69		42.84		42.26		42.11			42.25	42.36
Day		3		20		14		18			14	27

**T115 R23 S28 QQQ: BDD2**  
Obwell # 70022

Aquifer: CIGLCIGL  
Observer: SWCD

Depth: 350.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	30.2	29.3	24.2	23.0	23.4	22.8	25.0	28.5	31.4	33.9	34.8	31.2
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	31.5	30.2	25.8	25.6	26.6	24.5	27.0	31.8	33.5	44.0	37.4	36.6
Lo Yr	1988	1988	1988	1985	1989	1985	1989	1988	1989	1988	1988	1989
<u>WATER YEAR 89</u>												
Rdg	31.52	30.24	25.84	24.10	26.63	24.36	26.97	29.00	33.54	35.42	36.84	36.57
Day	1	1	1	1	1	1	1	1	1	1	1	1

Scott County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T115 R23 S28** QQQ: **BDD3**  
**Obwell # 70023**

Aquifer: CMTSCMTS  
 Observer: SWCD

Depth: 520.0  
 Years of Record: 6

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	44.9	40.5	40.5	38.7	39.9	38.4	39.4	39.8	44.2	47.2	49.8	47.8
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	49.8	47.7	46.0	44.4	44.6	44.5	44.4	45.1	46.5	53.0	55.1	53.3
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1988	1988	1988	1989
<u>WATER YEAR 89</u>												
Rdg	49.80	47.65	46.04	44.36	44.58	44.48	44.44	45.10	45.35	48.80	53.44	53.26
Day	1	1	1	1	1	1	1	1	1	1	1	1

Sherburne County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T33 R27 S21 QQQ: CCA1**  
**Obwell # 71000**

Aquifer: QWTAQWTA  
 Observer: SWCD

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	11.4	11.2	11.4	11.6	11.6	11.9	11.4	11.3	11.0	11.2	11.8	11.6
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	15.7	15.8	15.9	16.1	13.8	16.4	15.6	15.5	15.3	16.1	16.8	16.4
Lo Yr	1988	1988	1988	1989	1977	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	15.67	15.76	15.85	16.09		16.40	15.64	15.54	15.25	16.09	16.79	16.41
Day	4	4	1	12		13	10	8	7	6	15	5

**T33 R27 S21 QQQ: CCA2**  
**Obwell # 71001**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 52.0  
 Years of Record: 21

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.6	11.3	11.3	11.6	11.6	12.0	11.5	11.5	11.1	11.4	11.9	11.7
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	15.7	15.8	15.9	16.1	13.8	16.5	15.7	15.6	15.3	16.2	16.8	16.5
Lo Yr	1988	1988	1988	1989	1982	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	15.70	15.83	15.89	16.13		16.45	15.69	15.56	15.29	16.18	16.84	16.45
Day	4	4	1	12		13	10	8	7	6	15	5

**T33 R27 S21 QQQ: CCC1**  
**Obwell # 71020**

Aquifer: CMTSCMSH  
 Observer: SWCD

Depth: 250.0  
 Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.3	12.3	13.4	13.1	13.5	13.3	13.4	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	17.6	15.0	14.8	14.0	14.2	14.9	17.3	14.3	28.4	16.4	22.2	15.8
Lo Yr	1988	1982	1981	1981	1981	1978	1989	1982	1979	1982	1982	1982
<u>WATER YEAR 89</u>												
Rdg	17.57						17.28					
Day	4						10					

**T33 R27 S29 QQQ: CDC1**  
**Obwell # 71005**

Aquifer: CMTSCMSH  
 Observer: SWCD

Depth: 218.0  
 Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.2	10.9	11.6	11.8	13.4	12.2	12.2	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	16.7	14.1	12.7	18.0	21.0	14.6
Lo Yr	1988	1976	1976	1981	1977	1982	1989	1977	1981	1982	1982	1986
<u>WATER YEAR 89</u>												
Rdg	17.98						16.66					
Day	4						10					

Sherburne County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T33 R28 S16 QQQ: DDD2**  
Obwell # 71017

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 51.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	31.4	30.7	30.7	29.1	30.3	31.4	31.0	31.4	31.3	31.5	32.6	32.4
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	36.6	36.4	36.3	32.0	33.1	36.4	35.8	35.5	35.3	36.7	38.3	37.5
Lo Yr	1988	1988	1988	1978	1978	1989	1989	1989	1989	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg	36.64	36.35	36.32			36.41	35.84	35.52	35.34	36.56	38.30	37.52
Day	4	4	1			13	10	8	7	6	15	5

**T34 R27 S10 QQQ: DDD2**  
Obwell # 71009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 35.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.0	24.5	24.7	24.6	25.3	25.2	25.0	25.0	24.9	25.2	24.9	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	26.4	26.5	26.7	26.6	27.1	27.0	27.0	27.0	27.5	27.2	27.0
Lo Yr	1976	1977	1988	1989	1977	1977	1977	1977	1977	1984	1977	1977
<u>WATER YEAR 89</u>												
Rdg	26.26	26.37	26.48	26.65		26.26	25.83	26.67	26.44	26.26	26.38	26.58
Day	4	4	1	12		13	10	8	7	6	15	5

**T34 R27 S18 QQQ: AAB1**  
Obwell # 71023

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 115.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.6	11.8	12.1	12.8	13.4	11.8	11.8	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	13.7	12.6	13.0	13.3	13.4	13.7	13.7	13.0	12.7	12.6	13.2	13.5
Lo Yr	1988	1980	1981	1981	1981	1981	1989	1981	1981	1982	1982	1982
<u>WATER YEAR 89</u>												
Rdg	13.65					13.72						
Day	4					10						

**T34 R28 S4 QQQ: ADA2**  
Obwell # 71010

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.3	5.7	6.1	6.3	6.5	6.7	5.8	5.0	5.1	5.5	6.3	6.4
High WL	3.9	4.0	4.8	5.4	5.6	5.0	3.5	2.9	2.8	3.6	4.8	4.9
Hi Yr	1985	1985	1985	1978	1986	1984	1979	1986	1979	1984	1978	1980
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	1989	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	8.76	8.85	8.75	8.84		8.86	8.05	7.24	6.29	7.01	8.02	8.01
Day	4	4	1	12		13	10	8	7	6	15	5

## SUMMARY FOR 1989 WATER YEAR

**T34 R28 S31 QQQ: BDD2**  
Obwell # 71011

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	19.7	19.9	18.5	20.1	20.4	20.7	20.6	20.3	20.2	20.0	20.2	20.2
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	23.2	23.4	22.2	23.5	22.5	24.0	23.5	23.5	23.3	23.2	23.3	23.2
Lo Yr	1988	1988	1987	1989	1977	1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>												
Rdg	23.20	23.40	22.07	23.52		24.04	23.50	23.49	23.25	23.17	23.28	23.21
Day	4	4	1	12		13	10	8	7	6	15	5

**T34 R28 S36 QQQ: CCC2**  
Obwell # 71012

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.0	12.1	12.2	12.4	12.6	12.3	11.4	11.3	11.6	11.8	12.5	12.4
High WL	10.2	10.8	11.1	11.8	11.7	11.1	10.5	10.0	10.6	10.5	11.3	11.3
Hi Yr	1986	1984	1982	1986	1984	1984	1982	1986	1979	1978	1986	1985
Low WL	13.8	16.1	13.8	13.1	14.1	13.0	12.4	12.4	12.8	13.6	14.0	14.0
Lo Yr	1988	1976	1976	1989	1977	1981	1981	1987	1977	1988	1988	1988
<b>WATER YEAR 89</b>												
Rdg	13.82	13.73	13.41	13.08		12.51	11.59	11.87	11.60	12.59	13.76	13.14
Day	4	4	1	12		13	10	8	7	6	15	5

**T34 R29 S18 QQQ: ACB**  
Obwell # 71024

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 72.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.5	16.3	16.6	14.0	15.1	17.1	16.7	16.5	17.0	18.0	18.7	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	23.1	14.4	16.4	23.6	22.2	22.2	22.3	24.0	26.0	25.1
Lo Yr	1988	1988	1988	1986	1984	1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>												
Rdg	23.29	23.12	23.09			23.62	22.16	22.21	22.30	24.02	25.96	25.06
Day	4	4	1			13	10	8	7	6	15	5

**T34 R29 S21 QQQ: ABB2**  
Obwell # 71006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.4	20.8	20.7	20.8	21.6	21.2	20.9	20.7	20.3	21.0	21.1	21.3
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	24.3	24.4	24.6	24.5	25.0	24.5	24.5	24.6	25.7	26.7	26.1
Lo Yr	1976	1988	1988	1989	1977	1989	1977	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>												
Rdg	24.08	24.26	24.38	24.62		24.95	24.45	24.54	24.64	25.69	26.66	26.13
Day	4	4	1	12		13	10	8	7	6	15	5

## SUMMARY FOR 1989 WATER YEAR

**T34 R29 S21 QQQ: ABB3**  
Obwell # 71021

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 111.5  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.9	20.6	20.8	20.8	21.0	21.1	20.8	20.7	21.4	21.2	21.8	21.6
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	24.4	24.5	24.7	24.9	23.4	25.2	24.7	24.8	28.9	26.3	26.7	26.3
Lo Yr	1988	1988	1988	1989	1978	1989	1989	1989	1983	1989	1989	1989
WATER YEAR 89	24.36	24.52	24.65	24.89		25.20	24.73	24.77	24.94	26.33	26.74	26.34
Rdg					13	10	8	7	6	15		5
Day	4	4	1	12								

**T34 R30 S11 QQQ: ACD2**  
Obwell # 71013

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.4	15.9	16.3	15.6	16.9	16.5	16.2	16.0	16.1	16.2	16.4	16.5
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	19.5	19.4	19.7	20.6	19.9	20.0	19.3	19.4	19.6	19.9	20.7	20.6
Lo Yr	1977	1988	1976	1978	1977	1989	1977	1977	1977	1989	1989	1989
WATER YEAR 89	19.19	19.41	19.49			20.02	19.21	19.12	19.51	19.88	20.67	20.55
Rdg					13	10	8	7	6	15		5
Day	4	4	1									

**T34 R30 S12 QQQ: ADA**  
Obwell # 71025

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 125.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.4	12.3	12.6	10.2	11.5	13.3	13.0	12.9	14.7	17.0	16.3	14.2
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	18.3	18.1	18.0	10.6	12.6	18.8	17.9	17.8	19.1	23.2	22.2	19.4
Lo Yr	1988	1988	1988	1986	1984	1989	1989	1989	1988	1989	1988	1989
WATER YEAR 89	18.27	18.14	18.01			18.77	17.90	17.77	18.22	23.17	21.97	19.39
Rdg				1		13	10	8	7	6	15	5
Day	4	4										

**T34 R30 S13 QQQ: ACB**  
Obwell # 71026

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 116.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.9	12.7	13.0	10.3	11.5	13.7	13.2	13.0	13.7	15.1	15.6	14.8
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	19.6	19.5	19.5	10.9	12.9	19.9	18.8	18.6	19.3	21.2	22.2	20.6
Lo Yr	1988	1988	1988	1986	1984	1989	1989	1989	1989	1989	1989	1989
WATER YEAR 89	19.63	19.51	19.54			19.85	18.80	18.63	19.33	21.22	22.20	20.57
Rdg				1		13	10	8	7	6	15	5
Day	4	4										

## SUMMARY FOR 1989 WATER YEAR

**T35 R26 S15 QQQ: DBB1**  
Obwell # 71002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 56.0  
Years of Record: 21

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.7	6.4	6.5	6.8	7.0	7.0	6.2	5.9	5.9	6.3	6.8	6.9
High WL	3.7	4.3	5.0	5.3	5.6	4.5	4.0	3.9	3.6	3.9	3.4	4.5
Hi Yr	1985	1985	1986	1986	1986	1976	1986	1985	1986	1984	1972	1972
Low WL	9.1	9.3	9.0	9.4	8.7	9.7	8.5	7.9	8.2	9.0	9.2	9.0
Lo Yr	1988	1988	1988	1989	1981	1989	1989	1989	1988	1988	1988	1976
<u>WATER YEAR 89</u>												
Rdg	9.10	9.28	9.04	9.42		9.66	8.46	7.85	7.50	8.31	9.14	8.37
Day	4	4	1	12		13	10	8	7	6	15	5

**T35 R26 S15 QQQ: DBB2**  
Obwell # 71003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 15.0  
Years of Record: 21

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.5	6.2	6.2	6.6	6.9	6.9	6.0	5.5	5.7	6.1	6.5	6.6
High WL	3.4	4.1	3.2	4.7	5.2	4.2	3.8	2.6	3.4	3.6	3.4	4.3
Hi Yr	1985	1985	1984	1973	1979	1976	1986	1986	1986	1984	1972	1972
Low WL	8.9	9.1	8.8	9.2	8.6	9.4	8.2	7.7	7.9	8.7	9.0	8.8
Lo Yr	1988	1988	1988	1989	1975	1989	1989	1989	1988	1988	1988	1976
<u>WATER YEAR 89</u>												
Rdg	8.89	9.06	8.82	9.16		9.42	8.20	7.65	7.25	8.12	8.92	8.16
Day	4	4	1	12		13	10	8	7	6	15	5

**T35 R27 S7 QQQ: CCA2**  
Obwell # 71018

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.0	4.9	4.9	4.8	5.5	5.1	4.2	4.3	4.5	5.0	5.5	5.1
High WL	2.8	3.2	3.2	3.1	3.1	3.0	2.2	2.5	3.2	3.3	3.6	3.4
Hi Yr	1985	1982	1985	1986	1986	1986	1986	1983	1985	1985	1985	1985
Low WL	7.8	7.8	6.9	6.5	6.8	8.0	5.2	6.6	5.6	7.8	8.7	7.9
Lo Yr	1988	1988	1988	1981	1981	1989	1988	1977	1988	1988	1977	1988
<u>WATER YEAR 89</u>												
Rdg	7.80	7.80	6.94			8.00	4.00	3.77	4.14	5.00	6.22	4.90
Day	4	4	1			13	10	8	7	6	15	5

**T35 R27 S14 QQQ: DCD1**  
Obwell # 71014

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	16.2	15.9	16.1	15.7	16.7	16.3	16.0	15.5	15.7	15.9	16.1	16.1
High WL	14.1	14.4	14.6	14.8	14.9	15.1	14.8	13.8	14.0	13.6	14.4	14.9
Hi Yr	1986	1986	1986	1987	1987	1987	1985	1986	1986	1984	1984	1986
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 89</u>												
Rdg	17.04	16.99	16.98			16.98	16.49	16.24	16.11	16.36	16.86	16.28
Day	4	4	1			13	10	8	7	6	15	5

Sherburne County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T35 R27 S29 QQQ: DBB2**  
Obwell # 71007

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 15.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.1	6.9	6.4	6.9	6.8	6.2	5.4	5.2	5.5	6.4	6.7	6.6
High WL	3.8	5.4	4.5	6.2	5.1	4.3	4.0	4.0	3.6	5.2	6.4	6.2
Hi Yr	1986	1985	1986	1982	1987	1986	1987	1989	1987	1979	1978	1979
Low WL	9.6	8.5	8.4	8.4	8.4	8.4	7.1	6.8	7.0	7.5	7.0	7.2
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1988	1977
<u>WATER YEAR 89</u>												
Rdg		7.06						3.97		6.28		
Day		9						22		21		

**T35 R29 S28 QQQ: ABC1**  
Obwell # 71004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 31.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	19.5	19.5	19.5	20.0	20.3	20.4	20.1	20.0	19.8	19.7	19.2	19.6
High WL	14.1	14.2	15.0	17.8	18.6	18.2	18.4	17.5	17.1	16.0	16.4	16.8
Hi Yr	1985	1985	1985	1986	1987	1986	1986	1986	1986	1984	1985	1985
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 89</u>												
Rdg	23.29	23.32	23.36	23.35		23.29	22.29	22.16	22.32	21.78	22.46	22.21
Day	4	4	1	12		13	10	8	7	6	15	5

**T35 R30 S10 QQQ: CCB1**  
Obwell # 71016

Aquifer: TILLTILL  
Observer: SWCD

Depth: 32.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.0	11.5	12.3	12.1	13.0	12.7	11.6	10.9	11.5	11.7	12.7	12.6
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	15.3	14.0	13.7	14.0	15.1	15.5	15.4
Lo Yr	1988	1988	1976	1981	1977	1989	1977	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	15.40	15.50	15.16			15.32	13.35	12.79	12.50	13.29	14.61	14.16
Day	4	4	1			13	10	8	7	6	15	5

St. Louis County

DNR Region 2

## SUMMARY FOR 1989 WATER YEAR

**T57 R16 S3 QQQ: ADD**  
Obwell # 69051

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 136.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.6					8.2	7.9					
High WL	6.2					8.2	5.6					
Hi Yr	1986					1984	1984					
Low WL	8.6					8.2	9.0					
Lo Yr	1988					1984	1985					
<u>WATER YEAR 89</u>												
Rdg	8.55					8.53						
Day	17					18						

**T57 R20 S5 QQQ: DAD1**  
Obwell # 69000

Aquifer: PXBIPXBI  
Observer: USGS

Depth: 430.0  
Years of Record: 35

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	59.6	60.3	59.2	59.4	60.3	60.3	60.2	60.5	60.2	60.6	59.4	59.8
High WL	46.5	47.1	46.6	46.2	48.0	46.3	47.2	46.4	47.5	45.9	45.7	45.1
Hi Yr	1988	1987	1988	1989	1987	1989	1988	1989	1988	1989	1989	1989
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 89</u>												
Rdg	46.47		46.59	46.23		46.31		46.40		45.92	45.72	45.14
Day	27		8	26		10		22		13	21	28

**T57 R20 S31 QQQ: DBC1**  
Obwell # 69005

Aquifer: QBAAQBA  
Observer: USGS

Depth: 92.0  
Years of Record: 32

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.5	7.7	7.2	7.4	9.0	9.4	7.8	7.4	7.1	7.1	7.4	7.4
High WL	2.6	3.2	2.6	2.4	3.6	4.2	3.1	2.6	0.8	1.8	2.0	3.7
Hi Yr	1986	1985	1988	1989	1987	1988	1986	1986	1988	1985	1989	1987
Low WL	10.4	10.6	10.5	10.6	11.7	11.5	11.1	10.6	15.1	10.6	14.4	12.8
Lo Yr	1958	1979	1980	1981	1958	1958	1964	1958	1980	1958	1980	1980
<u>WATER YEAR 89</u>												
Rdg	2.80		2.60	2.44							2.02	
Day	29		8	27							21	

**T58 R18 S12 QQQ: CCC1**  
Obwell # 69009

Aquifer: QBAAQBA  
Observer: USGS

Depth: 97.0  
Years of Record: 36

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.4	14.1	13.9	14.5	14.8	14.9	14.2	13.4	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 89</u>												
Rdg	13.67		13.77	14.26		13.44	12.72	13.07		13.02	13.62	
Day	27		7	26		10	25	22		13	21	

St. Louis County

DNR Region 2

## SUMMARY FOR 1989 WATER YEAR

**T58 R18 S14 QQQ: DAA1**  
Obwell # 69015

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 144.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.8	6.8	7.0	6.7	7.0	7.6	6.6	6.5	6.6	6.6	6.8	6.6
High WL	6.2	6.3	6.5	6.7	7.0	6.9	5.9	6.1	6.3	6.0	6.0	5.7
Hi Yr	1986	1986	1983	1984	1984	1987	1989	1989	1985	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	1984
<u>WATER YEAR 89</u>						7.92	5.85	6.05	6.34	6.48	5.95	6.28
Rdg	7.02	7.12	7.07			21	18	1	14	18	10	6
Day	17	21	19									

**T58 R20 S16 QQQ: DBC1**  
Obwell # 69001

Aquifer: QBAAQBA  
Observer: USGS

Depth: 40.0  
Years of Record: 37

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.6	8.0	8.5	10.1	11.7	11.6	8.4	5.9	5.8	7.0	7.5	8.2
High WL	1.4	1.4	2.8	4.5	7.3	4.1	1.2	1.0	1.0	1.6	1.2	2.1
Hi Yr	1982	1982	1986	1981	1966	1979	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 89</u>								1.87		1.57	3.43	2.45
Rdg	2.75		2.78					22		13	21	28
Day	27		8									

**T60 R13 S1 QQQ: BBA1**  
Obwell # 69020

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 30.0  
Years of Record: 15

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.3	21.7	21.2	21.6	22.0	22.5	22.6	22.5	22.4	22.0	21.9	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 89</u>												
Rdg	22.00	21.71	21.54	21.67	21.83	22.17	22.08	21.50	21.17	20.25	20.50	19.79
Day	3	3	1	4	1	3	3	1	1	5	1	6

**T61 R18 S4 QQQ: BBA**  
Obwell # 69050

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 47.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.5	6.5	6.7	5.7	6.3	7.1	6.9	6.0	6.0	6.1	6.7	6.6
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	7.6	8.6	8.3	8.6	9.0	7.5	7.0
Lo Yr	1987	1987	1987	1984	1984	1989	1988	1988	1988	1988	1988	1987
<u>WATER YEAR 89</u>												
Rdg	6.90	6.94	6.62			7.64	6.50	6.16	6.36	5.35	6.81	6.40
Day	17	21	21			21	18	22	21	18	1	6

St. Louis County

DNR Region 2

## SUMMARY FOR 1989 WATER YEAR

**T63 R12 S26 QQQ: ABB1**  
**Obwell # 69002**Aquifer: QWTAQWTA  
Observer: USGSDepth: 9.0  
Years of Record: 20

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.5	3.9	4.1	4.7	4.9	4.3	2.5	2.9	3.2	4.0	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	1986	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 89</u>		3.26	2.91	3.37	3.77		2.15	2.90		3.20	4.42	3.57
Rdg		2	6	19	27		26	23		14	16	27
Day												

Stearns County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T121 R29 S1 QQQ: ABBC**  
**Obwell # 73033**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 29.0  
 Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.2	11.5	11.7			12.0	12.0	12.1	12.6	11.5	11.9	12.1
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	12.8	13.1	13.4			13.6	13.5	13.5	13.8	13.9	14.2	14.3
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>12.81</b>	<b>13.09</b>	<b>13.37</b>		<b>13.55</b>	<b>13.46</b>	<b>13.50</b>	<b>13.78</b>	<b>13.94</b>	<b>14.16</b>	<b>14.27</b>
	<b>Day</b>	<b>24</b>	<b>25</b>	<b>28</b>		<b>30</b>	<b>18</b>	<b>23</b>	<b>22</b>	<b>20</b>	<b>22</b>	<b>18</b>

**T121 R29 S1 QQQ: ABBC**  
**Obwell # 73034**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 19.0  
 Years of Record: 3

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.5	11.5	11.6			11.1	11.6	11.8	12.4	11.7	12.0	12.3
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	13.1	13.1	13.3			12.3	13.0	13.1	13.4	13.7	14.0	14.2
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>13.07</b>	<b>13.13</b>	<b>13.26</b>		<b>12.30</b>	<b>12.98</b>	<b>13.06</b>	<b>13.44</b>	<b>13.74</b>	<b>13.97</b>	<b>14.21</b>
	<b>Day</b>	<b>24</b>	<b>25</b>	<b>28</b>		<b>30</b>	<b>18</b>	<b>23</b>	<b>22</b>	<b>20</b>	<b>22</b>	<b>18</b>

**T121 R29 S1 QQQ: BCAA**  
**Obwell # 73036**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 38.0  
 Years of Record: 3

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	29.2	29.5	29.7			29.7	29.8	30.1	30.4	29.4	29.9	30.1
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	31.0	31.2	31.3			30.9	30.9	31.2	31.3	31.8	32.3	32.4
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>30.98</b>	<b>31.16</b>	<b>31.34</b>		<b>30.93</b>	<b>30.88</b>	<b>31.22</b>	<b>31.34</b>	<b>31.84</b>	<b>32.27</b>	<b>32.44</b>
	<b>Day</b>	<b>24</b>	<b>25</b>	<b>28</b>		<b>30</b>	<b>18</b>	<b>23</b>	<b>22</b>	<b>20</b>	<b>22</b>	<b>18</b>

**T122 R28 S7 QQQ: ABA2**  
**Obwell # 73002**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 22.0  
 Years of Record: 14

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.2	13.3	13.4	13.5	13.7	13.6	13.2	13.1	13.0	13.4	13.6	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	16.5	16.6	16.7	14.7	15.1	16.1	15.8	15.7	16.0	16.7	17.1	17.0
Lo Yr	1988	1988	1988	1982	1977	1989	1989	1989	1989	1989	1989	1976
<b>WATER YEAR 89</b>	<b>Rdg</b>	<b>16.48</b>	<b>16.58</b>	<b>16.69</b>		<b>16.06</b>	<b>15.79</b>	<b>15.74</b>	<b>16.02</b>	<b>16.73</b>	<b>17.13</b>	<b>16.87</b>
	<b>Day</b>	<b>24</b>	<b>25</b>	<b>28</b>		<b>30</b>	<b>18</b>	<b>23</b>	<b>22</b>	<b>20</b>	<b>22</b>	<b>18</b>

## SUMMARY FOR 1989 WATER YEAR

**T122 R28 S30** QQQ: **BCC2**  
Obwell # **73003**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	31.4	31.2	31.5	32.2	32.1	31.9	31.6	31.7	31.5	31.9	31.7	32.2
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	35.2	35.3	35.5	34.1	34.2	35.5	35.3	35.5	35.7	36.1	36.7	37.4
Lo Yr	1988	1988	1988	1982	1982	1989	1989	1989	1989	1989	1989	1976
<u>WATER YEAR 89</u>												
Rdg	35.16	35.34	35.49			35.46	35.28	35.49	35.68	36.08	36.68	36.74
Day	24	25	28			30	18	23	22	20	22	18

**T122 R29 S23** QQQ: **CAA2**  
Obwell # **73019**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 37.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.4	27.4	26.8	28.1	28.3	28.1	27.6	27.9	27.4	27.7	27.5	27.5
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	30.9	31.6	31.9
Lo Yr	1988	1988	1977	1978	1982	1989	1989	1989	1989	1977	1988	1988
<u>WATER YEAR 89</u>												
Rdg	32.17	32.36				32.40	32.27	32.47	32.75			
Day	24	25				30	18	23	22			

**T122 R29 S25** QQQ: **DBD**  
Obwell # **73022**

Aquifer: QBAA  
Observer: SWCD

Depth: 165.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	19.3						21.9					
High WL	10.8						19.4					
Hi Yr	1984						1986					
Low WL	26.6						26.6					
Lo Yr	1988						1989					
<u>WATER YEAR 89</u>												
Rdg	26.59						26.64					
Day	24						18					

**T122 R29 S36** QQQ: **CBCB**  
Obwell # **73028**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 24.5  
Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.5	7.1				7.4	9.0	9.3	11.2	9.0	11.1	12.0
High WL	10.5	7.1				7.5	7.6	7.9	11.2	6.4	10.1	12.0
Hi Yr	1988	1987				1988	1988	1988	1989	1987	1988	1989
Low WL	10.5	7.1				7.5	10.4	10.7	11.2	11.7	12.1	12.0
Lo Yr	1988	1987				1988	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	10.47						10.40	10.67	11.21	11.65	12.05	11.98
Day	24						18	23	22	20	22	18

## SUMMARY FOR 1989 WATER YEAR

**T122 R29 S36** QQQ: **CBCB**  
Obwell # **73029**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 17.5  
Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.8	8.4				8.8	10.3	10.6	12.5	10.3	12.4	13.3
High WL	11.8	8.4				8.8	8.9	9.2	12.5	7.6	11.5	13.3
Hi Yr	1988	1987				1988	1988	1988	1989	1987	1988	1989
Low WL	11.8	8.4				8.8	11.7	12.0	12.5	13.0	13.3	13.3
Lo Yr	1988	1987				1988	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	11.76						11.70	11.95	12.51	12.95	13.32	13.30
Day	24						18	23	22	20	22	18

**T122 R29 S36** QQQ: **ADCB**  
Obwell # **73032**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.5  
Years of Record: 3

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.7	10.9	11.0			10.9	11.0	11.1	11.7	10.8	11.2	11.5
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			12.3	12.3	12.4	12.7	12.9	13.3	13.4
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	12.35	12.52	12.66			12.34	12.27	12.36	12.68	12.91	13.26	13.41
Day	24	25	28			30	18	23	22	20	22	18

**T123 R28 S12** QQQ: **BAB2**  
Obwell # **73004**

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	15.7	16.0	16.1	16.3	16.6	16.4	16.3	16.0	15.9	16.2	16.2	16.0
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	19.4	19.6	19.6	18.1	18.9	19.1	19.2	19.2	19.2	19.0	19.6	19.5
Lo Yr	1988	1988	1988	1982	1977	1977	1977	1977	1977	1977	1989	1989
<u>WATER YEAR 89</u>												
Rdg	19.44	19.56	19.55								19.55	
Day	24	23	22								22	18

**T123 R28 S30** QQQ: **ABA2**  
Obwell # **73005**

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	11.9	12.1	12.4	12.2	12.7	12.6	12.1	12.0	11.9	12.2	12.4	12.4
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	14.0	13.7	13.3	13.8	14.1	14.3	14.4
Lo Yr	1988	1988	1988	1982	1977	1989	1977	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	14.50	14.51	14.56			14.01	13.62	13.24	13.37	13.65	13.93	13.89
Day	24	23	22			29	20	22	20	21	23	20

## SUMMARY FOR 1989 WATER YEAR

**T123 R29 S7 QQQ: DBC2**  
Obwell # **73006**

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	9.1	9.4	9.6	9.7	10.0	9.7	8.8	9.1	8.9	9.4	9.6	9.6
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	11.7	11.7	11.6	10.9	11.0	10.9	10.2	11.0	10.9	11.3	11.8	12.7
Lo Yr	1988	1988	1988	1982	1982	1982	1981	1977	1988	1988	1989	1976
<u>WATER YEAR 89</u>												
Rdg	11.73	11.65	11.61			10.39	10.03	10.15	10.61	11.17	11.77	11.81
Day	24	25	22			29	20	22	20	21	23	20

**T123 R29 S27 QQQ: CCC2**  
Obwell # **73020**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	11.8	11.9	11.9	11.8	11.9	11.8	11.4	11.6	11.8	12.1	12.4	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	12.7	12.5	12.4	13.4	13.7	13.8	14.0
Lo Yr	1988	1988	1988	1981	1985	1989	1989	1989	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	13.86	13.75	13.71			12.71	12.50	12.41	13.02	13.35	13.70	13.53
Day	24	23	22			29	20	22	20	21	23	20

**T123 R30 S12 QQQ: ADD**  
Obwell # **73025**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.9	7.1	7.3			7.0	6.4	6.7	7.4	7.6	7.2	6.7
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	9.5	9.4	9.4			8.1	7.6	7.8	8.3	9.5	9.5	9.7
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	9.46	9.42	9.36			8.11	7.60	7.75	8.31	9.50	9.52	9.67
Day	24	25	22			29	20	22	20	21	23	20

**T123 R30 S18 QQQ: BCC2**  
Obwell # **73007**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.1	7.1	7.2	7.2	7.3	7.0	6.8	6.9	6.8	7.3	7.6	7.4
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	9.8	7.9	8.1	8.1	8.0	8.2	9.2	9.8	10.2	10.1
Lo Yr	1988	1988	1988	1981	1977	1988	1988	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	9.96	9.87	9.83			7.62	7.98	7.89	8.36	8.98	10.00	9.90
Day	24	23	22			29	20	22	20	21	23	20

## SUMMARY FOR 1989 WATER YEAR

**T123 R32 S33 QQQ: AAD2**  
Obwell # **73008**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 14

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.7	7.6	8.4	8.6	9.0	9.4	8.5	8.3	7.2	7.9	8.1	8.2
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	11.1	11.3	11.6	11.1	11.4	12.5	12.7	12.7	12.7	13.0	13.1	13.2
Lo Yr	1987	1987	1987	1981	1981	1989	1989	1989	1989	1988	1989	1989
<u>WATER YEAR 89</u>					12.52	12.72	12.65	12.70			13.14	13.15
Rdg					29	20	22	20			24	20
Day												

**T123 R34 S4 QQQ: ABDC**  
Obwell # **73045**

Aquifer: QBAA  
Observer: SWCD

Depth: 167.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave								-0.2	2.0	23.1	10.1	2.3
High WL								-0.2	2.0	23.1	10.1	2.3
Hi Yr								1989	1989	1989	1989	1989
Low WL								-0.2	2.0	23.1	10.1	2.3
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>								-0.17	1.99	23.13	10.14	2.33
Rdg								24	22	28	31	25
Day												

**T123 R34 S4 QQQ: ABDC**  
Obwell # **73046**

Aquifer: QWTA  
Observer: SWCD

Depth: 6.1  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave								5.1	6.1			
High WL								5.1	6.1			
Hi Yr								1989	1989			
Low WL								5.1	6.1			
Lo Yr								1989	1989			
<u>WATER YEAR 89</u>								5.12	6.07			
Rdg								24	22			
Day												

**T123 R35 S2 QQQ: ADAA**  
Obwell # **73037**

Aquifer: QBAA  
Observer: SWCD

Depth: 118.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave								10.3	11.7	60.4	17.6	11.7
High WL								10.3	11.7	60.4	17.6	11.7
Hi Yr								1989	1989	1989	1989	1989
Low WL								10.3	11.7	60.4	17.6	11.7
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>								10.25	11.74	60.37	17.60	11.69
Rdg								24	21	28	29	25
Day												

## SUMMARY FOR 1989 WATER YEAR

**T123 R35 S2 QQQ: ADAA**  
Obwell # 73038

Aquifer: QWTA  
Observer: SWCD

Depth: 12.7  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
<u>HISTORICAL</u>													
Ave								8.7	8.8	9.4	9.2	7.7	
High WL								8.7	8.8	9.4	9.2	7.7	
Hi Yr								1989	1989	1989	1989	1989	
Low WL								8.7	8.8	9.4	9.2	7.7	
Lo Yr								1989	1989	1989	1989	1989	
<u>WATER YEAR 89</u>									8.67	8.76	9.37	9.19	7.67
Rdg								24	21	28	29	25	
Day													

**T123 R35 S2 QQQ: AADD**  
Obwell # 73039

Aquifer: QBAA  
Observer: SWCD

Depth: 170.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								9.5	11.1	58.4	17.7	11.1
High WL								9.5	11.2	58.4	17.7	11.1
Hi Yr								1989	1989	1989	1989	1989
Low WL								9.5	11.2	58.4	17.7	11.1
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>								9.52	11.15	58.36	17.68	11.13
Rdg								24	21	28	29	25
Day												

**T123 R35 S7 QQQ: CABB**  
Obwell # 73041

Aquifer: QBAA  
Observer: SWCD

Depth: 153.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								31.3	33.1	64.7	42.2	34.8
High WL								31.3	33.1	64.7	42.2	34.8
Hi Yr								1989	1989	1989	1989	1989
Low WL								31.3	33.1	64.7	42.2	34.8
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>								31.34	33.08	64.65	42.18	34.77
Rdg								24	22	28	29	25
Day												

**T123 R35 S7 QQQ: CABB**  
Obwell # 73042

Aquifer: QWTA  
Observer: SWCD

Depth: 33.5  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave								28.0	27.9	28.9	30.0	28.8
High WL								28.0	27.9	28.9	30.0	28.8
Hi Yr								1989	1989	1989	1989	1989
Low WL								28.0	27.9	28.9	30.0	28.8
Lo Yr								1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>								27.95	27.90	28.89	30.03	28.83
Rdg								24	22	28	29	25
Day												

Stearns County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T123 R35 S17** QQQ: ADC1  
Obwell # 73026

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.2  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	16.0	16.2	16.2			16.0	15.8	16.0	16.1	16.2	16.3	16.0
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
<b>WATER YEAR 89</b>						16.51	16.29	16.57	16.78	17.26	17.13	16.23
Rdg	17.44	17.35	17.27			29	19	24	22	28	29	25
Day	26	23	22									

**T123 R35 S33** QQQ: CCCC  
Obwell # 73043

Aquifer: QBAA  
Observer: SWCD

Depth: 170.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave								7.3	7.7	9.0	9.4	8.6
High WL								7.3	7.7	9.0	9.4	8.6
Hi Yr								1989	1989	1989	1989	1989
Low WL								7.3	7.7	9.0	9.4	8.6
Lo Yr								1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>								7.28	7.73	8.96	9.35	8.59
Rdg								24	22	28	29	25
Day												

**T123 R35 S33** QQQ: CCCC  
Obwell # 73044

Aquifer: QWTA  
Observer: SWCD

Depth: 8.9  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave								5.9	6.7			
High WL								5.9	6.7			
Hi Yr								1989	1989			
Low WL								5.9	6.7			
Lo Yr								1989	1989			
<b>WATER YEAR 89</b>								5.91	6.70			
Rdg								24	22			
Day												

**T124 R28 S6** QQQ: CDD  
Obwell # 73010

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	7.1	7.4	8.1	8.0	8.7	8.8	7.4	7.2	7.3	8.0	8.0	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
<b>WATER YEAR 89</b>						9.71	8.64	8.13	8.76	9.25	9.81	9.76
Rdg	11.40	11.48	11.41			29	18	24	23	26	23	21
Day	24	23	22									

Stearns County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T124 R28 S21** QQQ: **CDA1**  
Obwell # **73001**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 11.0  
Years of Record: 21

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.9	7.0	6.9	7.5	7.6	8.0	7.0	6.7	6.4	6.9	7.2	7.3
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	10.3	10.7	8.9	9.5	9.9	10.0	10.1	9.9	9.2	11.1	12.4	12.5
Lo Yr	1987	1987	1981	1982	1982	1981	1981	1981	1981	1980	1989	1989
<u>WATER YEAR 89</u>												
Rdg											12.41	
Day											23	12.52

**T124 R35 S36** QQQ: **DCA**  
Obwell # **73023**

Aquifer: QBAA  
Observer: SWCD

Depth: 155.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.6	4.5						9.9				
High WL	7.6	4.5						8.0				
Hi Yr	1986	1984						1986				
Low WL	13.2	4.5						12.0				
Lo Yr	1988	1984						1989				
<u>WATER YEAR 89</u>												
Rdg	13.23							11.99				
Day	26							19				

**T125 R30 S22** QQQ: **CDD1**  
Obwell # **73011**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.5	4.7	5.1	5.0	5.7	5.1	4.4	4.4	4.5	4.6	5.0	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
<u>WATER YEAR 89</u>												
Rdg	7.44	7.47	7.51					5.77	5.50	5.97	6.35	6.66
Day	24	23	22					21	24	23	26	23

**T125 R33 S3** QQQ: **CDA2**  
Obwell # **73012**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.1	5.8	10.1	5.4	5.9	6.0	5.4	5.6	5.7	6.3	6.6	6.3
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
<u>WATER YEAR 89</u>												
Rdg	8.61	8.50	8.39					8.37	6.82	6.73	7.63	8.84
Day	26	29	22					24	18	22	21	28

## SUMMARY FOR 1989 WATER YEAR

**T126 R28 S17** QQQ: CAA1  
Obwell # 73015

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	17.3	17.4	17.9	17.8	18.5	18.4	17.2	16.3	16.3	16.7	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	1981	1987	1987	1987	1987	1987	1987
<u>WATER YEAR 89</u>												
Rdg	19.94	20.12	20.04			18.31	16.33	15.30	15.51	16.55	17.34	16.95
Day	24	23	22			29	21	24	23	26	23	21

**T126 R28 S33** QQQ: BCA  
Obwell # 73024

Aquifer: QBAA  
Observer: SWCD

Depth: 66.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.5	8.1					11.5					
High WL	5.3	8.1					8.9					
Hi Yr	1986	1984					1987					
Low WL	16.2	8.1					15.4					
Lo Yr	1988	1984					1989					
<u>WATER YEAR 89</u>												
Rdg	16.20						15.39					
Day	24						18					

**T126 R30 S17** QQQ: ABC2  
Obwell # 73017

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	10.7	11.1	11.4	11.3	11.7	11.3	10.3	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 89</u>												
Rdg	12.87	12.93	12.91			11.93	10.56	10.83	11.77	12.39	12.54	12.00
Day	24	23	22			29	21	24	23	26	23	21

**T126 R34 S23** QQQ: CDA1  
Obwell # 73018

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	19.9	19.9	20.0	20.7	20.5	20.5	20.1	20.0	19.9	19.9	19.9	20.0
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 89</u>												
Rdg	22.15	22.34	22.46			23.00	21.05	21.28	21.37	21.47	21.55	21.34
Day	26	29	22			24	11	5	13	28	17	13

Stearns County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T126 R35 S9 QQQ: BAD**  
**Obwell # 73027**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 26.3  
 Years of Record: 5

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.0	6.1	6.6			6.5	5.0	5.5	5.4	6.4	6.0	5.9
High WL	4.3	5.0	5.7			6.2	3.3	3.6	2.4	4.9	3.7	3.8
Hi Yr	1986	1986	1986			1986	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
<u>WATER YEAR 89</u>						6.99	4.63	5.31	6.03	6.77	6.11	5.90
Rdg	7.18	7.17	7.11			24	18	26	22	28	30	25
Day	26	29	22									

Steele County

DNR Region 5

## SUMMARY FOR 1989 WATER YEAR

**T106 R20 S30 QQQ: BAD1**  
**Obwell # 74000**

Aquifer: OGWDGWD  
 Observer: USGS

Depth: 215.0  
 Years of Record: 9

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	32.3	32.8	32.7	32.1	32.8	31.9	32.5	31.2	33.1	32.9	33.4	33.3
High WL	32.3	31.6	31.8	31.8	32.3	30.1	32.3	29.9	32.6	31.5	33.4	32.5
Hi Yr	1982	1985	1986	1984	1988	1984	1989	1984	1989	1986	1989	1986
Low WL	32.3	34.3	33.5	32.4	33.3	33.5	32.6	31.9	33.7	34.5	33.4	34.0
Lo Yr	1982	1987	1988	1985	1987	1989	1987	1982	1987	1985	1989	1985
<u>WATER YEAR 89</u>			33.50			33.48	32.32		32.55		33.37	33.23
Rdg				1			1	5		15		2
Day												28

Stevens County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T123 R41 S3 QQQ: BCD**  
Obwell # 75006

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 64.5  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	94.0	95.3	96.7			95.3	93.3	94.9	99.4	94.9	95.0	92.4
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 89</u>						100.49	100.32	100.13	100.45	100.86	102.29	91.13
Rdg	112.47	111.65	113.37			29	25	25	22	24	17	25
Day	28	23	29									

**T123 R41 S27 QQQ: DBD**  
Obwell # 75004

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 178.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.5	10.6	11.9			13.5	11.8	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	13.5	13.2	15.0	20.1	18.6	15.7
Lo Yr	1988	1984	1983			1983	1989	1983	1983	1983	1982	1982
<u>WATER YEAR 89</u>							13.45					
Rdg	16.76						25					
Day	24											

**T123 R41 S27 QQQ: CBB**  
Obwell # 75012

Aquifer: QBAAQBA  
Observer:

Depth: 192.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave						20.5	19.8	19.9	19.9	28.9	30.7	22.7
High WL						20.6	19.8	19.9	19.9	28.9	30.7	22.7
Hi Yr						1989	1989	1989	1989	1989	1989	1989
Low WL						20.6	19.8	19.9	19.9	28.9	30.7	22.7
Lo Yr						1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						20.55	19.81	19.94	19.89	28.85	30.73	22.71
Rdg						31	25	25	22	24	17	25
Day												

**T123 R42 S4 QQQ: BBD**  
Obwell # 75003

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 149.0  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	70.4	68.3	70.0			70.9	69.9	70.8	70.2	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	71.6			71.4	72.0	71.9	71.6	71.9	72.9	72.5
Lo Yr	1988	1984	1982			1983	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>							71.98	71.94	71.64	71.90	72.87	72.53
Rdg	72.72						7	10	7	6	7	7
Day	24											

Stevens County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T123 R42 S21** QQQ: BBC  
Obwell # 75002

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 23.5  
Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.0	12.8	13.0			12.2	11.5	11.7	12.5	13.2	14.0	13.6
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	13.3	13.7	16.0	16.7	16.8	15.7
Lo Yr	1988	1988	1988			1989	1988	1988	1988	1988	1988	1988
<b>WATER YEAR 89</b>						13.67	12.45	12.45	12.86	13.53	15.95	14.69
Rdg	15.43	15.24	14.92			24	7	10	7	6	7	7
Day	6	4	29									

**T123 R44 S13** QQQ: BDB  
Obwell # 75017

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 237.0  
Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	85.0						86.6					
High WL	81.1						85.8					
Hi Yr	1988						1989					
Low WL	88.1						87.7					
Lo Yr	1986						1987					
<b>WATER YEAR 89</b>							85.77					
Rdg	81.05						24					
Day	26											

**T124 R41 S12** QQQ: ACA  
Obwell # 75016

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 106.0  
Years of Record: 4

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	42.7						41.9	45.9				
High WL	39.2						40.1	45.9				
Hi Yr	1986						1987	1989				
Low WL	46.1						43.7	45.9				
Lo Yr	1988						1988	1989				
<b>WATER YEAR 89</b>							45.94	1				
Rdg	46.09						1					
Day	24											

**T124 R42 S30** QQQ: ABA  
Obwell # 75013

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 117.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	82.2	82.1	81.9			81.8	81.9	81.8	82.6	83.1	82.7	82.6
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	84.6			84.3	84.0	83.7	84.5	86.1	84.8	84.7
Lo Yr	1988	1988	1988			1989	1989	1989	1985	1984	1988	1988
<b>WATER YEAR 89</b>						1989	1989	1989	1985	1984	1988	1988
Rdg	84.64	84.39	84.64			84.26	83.97	83.66	83.98	84.23	84.59	84.56
Day	26	23	29			24	24	25	22	24	17	25

Stevens County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T124 R42 S35 QQQ: BBB**  
**Obwell # 75001**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 61.0  
 Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	19.2	19.6	19.1			18.5	18.1	18.3	19.0	19.4	20.9	20.2
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			19.3	19.6	20.6	22.8	21.6	26.6	23.5
Lo Yr	1988	1987	1988			1983	1988	1988	1988	1983	1988	1988
<u>WATER YEAR 89</u>												
Rdg	21.79	21.20	20.86			19.16	18.71	18.78	19.34	20.16	21.70	20.84
Day	6	4	29			29	24	10	22	24	17	25

**T126 R41 S13 QQQ: CB**  
**Obwell # 75008**

Aquifer: QWTAQWTA  
 Observer: SWCD

Depth: 52.0  
 Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.8	6.4	6.7			6.6	5.3	6.2	6.1	6.4	7.4	7.5
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	8.7			7.8	7.7	8.4	8.5	9.5	10.1	9.4
Lo Yr	1988	1988	1983			1983	1983	1988	1989	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg	10.37	10.24						8.15	8.53	8.37	10.11	9.39
Day	28	22						1	22	24	17	25

**T126 R42 S36 QQQ: CCC**  
**Obwell # 75014**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 93.0  
 Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	24.4	24.5	23.2			25.1	23.6	24.2	23.8	24.5	24.8	24.9
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	24.8			28.3	25.5	27.8	27.5	27.6	28.0	28.1
Lo Yr	1988	1988	1987			1989	1988	1989	1989	1989	1988	1988
<u>WATER YEAR 89</u>												
Rdg	28.28	28.28				28.25		27.84	27.52	27.57	27.93	27.98
Day	28	23				31		1	22	24	17	25

**T126 R44 S14 QQQ: BBB**  
**Obwell # 75015**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 207.0  
 Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.0	27.1	27.1			26.7	26.7	27.0	27.3	27.5	27.7	27.2
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	27.8			27.5	27.3	27.4	27.7	28.1	28.5	28.3
Lo Yr	1984	1984	1988			1989	1985	1989	1989	1984	1984	1984
<u>WATER YEAR 89</u>												
Rdg	27.68	27.58	27.84			27.48		27.44	27.68	28.07	28.20	27.98
Day	28	23	29			24		1	22	25	17	25

Swift County

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## SUMMARY FOR 1989 WATER YEAR

**T120 R41 S11 QQQ: B**  
Obwell # 76026Aquifer: QBAAQBAA  
Observer: SWCDDepth: 140.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.5	11.5	11.5	11.7	11.2	11.1	10.7	13.2	31.3	38.3	42.3	17.1
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	17.4	16.0	15.4	15.1	14.5	14.2	13.6	21.9	60.6	64.4	59.6	23.6
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1989	1988	1989
<u>WATER YEAR 89</u>												
Rdg	17.43	15.98	15.35	15.10	14.54	14.16	13.63	13.51	38.17	64.44	55.95	23.60
Day	14	14	15	17	14	15	13	15	15	13	15	13

**T120 R41 S12 QQQ: BBA**  
Obwell # 76016Aquifer: QBAAQBAA  
Observer: SWCDDepth: 157.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.9	13.1	12.9	12.6	13.1	13.2	12.6	16.0	17.6	27.2	29.4	17.9
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	17.8	17.2	16.6	16.6	16.4	16.0	27.7	39.2	43.8	43.0	23.7
Lo Yr	1979	1988	1988	1989	1989	1989	1989	1981	1988	1989	1989	1979
<u>WATER YEAR 89</u>												
Rdg	19.09	17.75	17.17	16.60	16.55	16.36	16.00	15.67	23.55	43.83	43.02	23.55
Day	14	14	15	17	14	15	13	15	15	13	15	13

**T120 R41 S12 QQQ: BBA**  
Obwell # 76027Aquifer:  
Observer: SWCDDepth: 0.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	6.7	6.6	6.6	7.4	6.8	8.0	5.9	5.8	6.1	6.9	7.5	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	9.2	9.6	7.1	9.5	10.3	9.3	9.4	10.1	10.7	11.0
Lo Yr	1988	1988	1987	1988	1985	1988	1989	1989	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	10.51	10.56					10.26	9.27	9.07	9.58	9.97	10.02
Day	17	16					14	15	15	14	15	14

**T120 R41 S17 QQQ: AAB**  
Obwell # 76042Aquifer: QWTAQWTA  
Observer: SWCDDepth: 23.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave										8.6	8.8	8.8
High WL										8.6	8.8	8.8
Hi Yr										1989	1989	1989
Low WL										8.6	8.8	8.8
Lo Yr										1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg										8.59	8.79	8.84
Day										13	15	13

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## SUMMARY FOR 1989 WATER YEAR

**T120 R42 S4 QQQ: BBA**  
Obwell # 76020

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 204.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	39.3	34.5	31.8	29.6	28.1	27.1	26.1	29.6	34.7	44.6	62.2	51.3
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	31.6	40.9	68.3	80.6	97.0	70.1
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1989	1988	1988
<u>WATER YEAR 89</u>												
Rdg	53.69	45.82	41.19	37.60	35.64	33.54	31.62	36.97	37.67	80.55	79.59	61.50
Day	14	14	15	17	14	15	13	15	15	13	15	13

**T120 R42 S4 QQQ: BBA**  
Obwell # 76029

Aquifer:  
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	6.0	6.2	6.5	6.9	7.4	7.1	5.5	5.5	5.9	6.3	6.7	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	8.7	9.1	9.2	9.4	9.5	9.5	8.7	8.1	8.0	8.3	8.4	8.9
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1988	1988
<u>WATER YEAR 89</u>												
Rdg	8.68	9.05	9.18	9.39	9.47	9.47	8.73	8.08	8.04	8.34	8.32	8.47
Day	17	16	16	17	14	15	13	15	15	14	16	14

**T120 R42 S22 QQQ: AAA**  
Obwell # 76004

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 17

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.7	6.6	6.6	6.7	6.9	6.9	6.6	6.3	6.3	6.3	6.4	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	8.1	8.0	8.1	8.0
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1977	1977	1976
<u>WATER YEAR 89</u>												
Rdg	7.38	7.55	7.68	7.83	7.91	8.01	7.98	7.80	7.72	7.68	7.74	7.85
Day	14	14	15	17	14	15	13	15	15	13	15	13

**T120 R42 S28 QQQ: DDD**  
Obwell # 76044

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave											38.6	38.8
High WL											38.6	38.8
Hi Yr											1989	1989
Low WL											38.6	38.8
Lo Yr											1989	1989
<u>WATER YEAR 89</u>											38.57	38.75
Rdg											15	13
Day												

Swift County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T120 R42 S28 QQQ: DDD**  
Obwell # 76045

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave											7.2	7.7
High WL											7.2	7.7
Hi Yr											1989	1989
Low WL											7.2	7.7
Lo Yr											1989	1989
<b>WATER YEAR 89</b>												
Rdg											7.17	7.69
Day											15	13

**T120 R43 S2 QQQ: DDD1**  
Obwell # 76001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.0  
Years of Record: 18

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	22.7	22.6	22.6	23.0	22.9	22.9	22.3	22.1	22.2	22.1	22.2	22.4
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	24.5	25.0	25.0	25.0	24.8	24.2	24.3	24.3	24.2	24.2	24.8
Lo Yr	1977	1981	1977	1982	1982	1982	1981	1981	1981	1981	1981	1977
<b>WATER YEAR 89</b>												
Rdg	24.13	24.45	24.58	24.70	24.77	24.65	24.04	23.84	23.82	23.91	24.03	24.26
Day	14	14	15	17	14	15	13	15	15	13	15	13

**T120 R43 S7 QQQ: ABB**  
Obwell # 76022

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 173.0  
Years of Record: 11

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	20.3	19.8	19.6	19.3	19.6	19.5	18.9	19.5	20.2	23.7	25.7	22.1
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	21.1	23.6	25.3	30.3	32.4	27.9
Lo Yr	1988	1988	1988	1982	1982	1982	1981	1981	1988	1989	1988	1982
<b>WATER YEAR 89</b>												
Rdg	23.90	22.97	22.72	21.86	21.94	21.66	20.72	20.78	22.02	30.31	27.00	26.03
Day	14	14	15	17	14	15	13	1	15	13	15	1

**T120 R43 S7 QQQ: BBA**  
Obwell # 76031

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 7

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>HISTORICAL</b>												
Ave	14.1	14.1	14.1	14.4	14.5	14.6	13.8	13.6	13.6	13.5	14.0	14.3
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	16.3	16.6	16.0	16.9	17.0	17.2	16.6	16.3	16.5	16.7	16.9	17.1
Lo Yr	1988	1988	1983	1989	1989	1989	1989	1989	1989	1989	1989	1989
<b>WATER YEAR 89</b>												
Rdg	16.30	16.55	15.74	16.91	17.03	17.19	16.58	16.34	16.49	16.70	16.88	17.10
Day	17	16	16	17	14	15	13	15	15	14	16	14

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## SUMMARY FOR 1989 WATER YEAR

**T120 R43 S13** QQQ: **DDD**  
Obwell # **76007**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 36.0  
Years of Record: 18

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	17.7	17.4	17.3	17.0	17.2	17.1	16.5	16.6	16.7	17.3	18.4	17.7
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	19.6	22.7	20.2
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1988	1989	1988
<u>WATER YEAR 89</u>											22.71	19.60
Rdg	19.50	19.27	19.17								15	13
Day	14	14	15									

**T120 R43 S23** QQQ: **BCB**  
Obwell # **76030**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 162.0  
Years of Record: 7

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	24.0	23.7	23.9	23.9	24.0	24.2	23.1	22.9	23.0	24.0	24.6	24.3
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	25.9	25.4	25.8	27.1	27.2	27.1
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1988	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg	27.48	27.42	27.37	27.05	27.00	27.10	25.86	25.44	25.59	26.73	27.21	26.80
Day	17	16	16	17	15	17	14	15	16	14	16	14

**T121 R37 S10** QQQ: **CCC**  
Obwell # **76034**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 231.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	47.2	46.9	46.9	47.5	48.2	48.5	48.7	48.3	48.0	47.9	48.2	48.4
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	52.4	52.4	52.8	53.1	53.5	53.1	53.6	53.6	53.7	54.0	54.2	54.1
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	52.35	52.43	52.82	53.07	53.45	53.05	53.61	53.61	53.71	53.95	54.17	54.12
Day	17	16	16	17	15	17	14	15	16	14	16	14

**T121 R38 S29** QQQ: **BDA**  
Obwell # **76032**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 378.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.8	4.4	4.5	4.7	4.9	5.1	4.8	4.8	4.8	4.8	5.0	5.3
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	7.4	7.5	7.7	7.7	7.8	8.0	8.0	8.1	8.2	8.3	8.4	8.5
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	7.37	7.48	7.65	7.72	7.76	7.95	8.02	8.10	8.20	8.33	8.45	8.53
Day	17	16	16	17	15	17	14	15	16	14	16	14

Swift County

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## SUMMARY FOR 1989 WATER YEAR

**T121 R39 S6 QQQ: BDB1**  
Obwell # 76014

Aquifer: QBAAQBA  
Observer: USGS

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	8.6	9.8	9.5	9.7	9.3	8.5	7.2	9.7	10.3	13.7	14.0	9.9
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	10.8	11.4	12.0	10.4	11.4	8.8	13.9	18.9	19.0	17.8	12.7
Lo Yr	1979	1988	1988	1981	1989	1981	1980	1981	1988	1980	1989	1987
<u>WATER YEAR 89</u>												
Rdg	10.75	11.36			10.36	9.80		11.44				17.82
Day	2	2			13	31		25				8

**T121 R39 S7 QQQ: AAC1**  
Obwell # 76013

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 167.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.6	7.4	7.7	7.8	7.8	7.7	6.8	6.9	7.1	7.4	8.0	7.9
High WL	5.7	5.5	5.9	6.1	6.8	6.1	5.3	4.9	4.4	5.9	6.0	5.8
Hi Yr	1986	1984	1984	1985	1987	1988	1986	1986	1980	1986	1986	1985
Low WL	10.5	10.4	10.2	10.3	8.9	14.0	11.4	8.6	9.4	10.2	11.0	11.0
Lo Yr	1988	1988	1988	1989	1988	1979	1979	1979	1988	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg	10.53	10.37	10.17	10.31			5.98	8.30	9.27	10.10	10.97	11.00
Day	14	14	15	17			13	15	15	13	15	14

**T121 R39 S28 QQQ: AAA**  
Obwell # 76036

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 177.5  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	14.1	13.4	14.0	14.5	15.0	15.1	14.0	13.6	13.9	14.5	15.4	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	17.4	17.2	17.3	17.3	17.5	17.3	17.1	16.8	17.0	18.0	18.7	18.0
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1988	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	17.37	17.19	17.26	17.33	17.47	17.28	17.06	16.78	16.87	17.96	18.74	18.03
Day	17	16	16	17	15	17	14	15	16	13	15	14

**T121 R40 S8 QQQ: AAA**  
Obwell # 76018

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 175.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	2.9	2.7	3.0	3.0	3.5	3.2	2.0	2.3	2.3	4.0	5.1	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	5.4	5.3	5.3	5.2	5.3	5.1	4.2	4.4	6.6	7.2	7.7	6.3
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1989	1989
<u>WATER YEAR 89</u>												
Rdg	5.40	5.29	5.27	5.20	5.25	5.07	4.20	3.85	4.53	6.47	7.73	6.26
Day	14	14	15	17	14	15	13	15	15	13	15	1

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## SUMMARY FOR 1989 WATER YEAR

**T121 R40 S14 QQQ: BAC**  
Obwell # 76019

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 147.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.7	9.2	9.0	9.0	9.7	9.8	8.9	8.7	8.1	8.8	9.6	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	12.6	12.3	12.2	12.3	12.5	12.3	11.5	11.1	12.1	13.0	13.3
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1981	1981	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	13.09	12.55	12.33	12.17	12.32	12.51	12.32	11.28	10.66	11.61	12.68	13.07
Day	14	14	15	17	14	15	13	15	15	13	15	13

**T121 R40 S35 QQQ: ABBB**  
Obwell # 76040

Aquifer: QBAA  
Observer: SWCD

Depth: 178.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave						15.1	14.8	14.1	14.1	14.7	15.6	15.8
High WL						15.1	14.8	14.1	14.1	14.7	15.6	15.8
Hi Yr						1989	1989	1989	1989	1989	1989	1989
Low WL						15.1	14.8	14.1	14.1	14.7	15.6	15.8
Lo Yr						1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						15.08	14.79	14.05	14.11	14.69	15.60	15.80
Rdg						31	14	15	16	13	15	13
Day												

**T121 R40 S35 QQQ: ABB2**  
Obwell # 76041

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave									4.1	5.3	6.0	4.8
High WL									4.1	5.3	6.0	4.8
Hi Yr									1989	1989	1989	1989
Low WL									4.1	5.3	6.0	4.8
Lo Yr									1989	1989	1989	1989
<u>WATER YEAR 89</u>									4.10	5.25	5.98	4.77
Rdg									16	13	15	13
Day												

**T121 R42 S17 QQQ: ABB**  
Obwell # 76035

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 174.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.6	5.4	5.4	5.4	5.8	5.4	4.7	4.5	4.7	5.3	6.0	6.2
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	6.5	6.3	6.8	8.0	8.8	8.7
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>	8.40	8.20	8.07	7.70	7.65	7.26	6.50	6.18	6.26	7.04	7.93	8.12
Rdg	14	14	15	17	15	17	14	15	16	13	15	13
Day												

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## SUMMARY FOR 1989 WATER YEAR

**T121 R42 S30 QQQ: DAD**  
Obwell # 76011

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 25.0  
Years of Record: 18

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.8	9.8	9.6	9.3	9.1	8.9	8.2	8.6	8.9	9.4	10.0	10.0
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	1981	1988	1989	1988	1988
<u>WATER YEAR 89</u>												
Rdg	12.11	11.85	11.30	10.90	10.60	9.77	9.27	9.42	9.91	13.00	11.64	11.40
Day	14	14	15	17	14	15	13	1	15	13	15	1

**T121 R43 S32 QQQ: CCC**  
Obwell # 76012

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 21.0  
Years of Record: 17

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.0	12.3	12.3	12.4	12.5	12.6	11.8	11.7	11.6	11.7	11.7	11.9
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 89</u>												
Rdg	12.66	12.80	12.94	13.10	13.22	13.37	13.37	13.30	13.26	13.21	13.20	13.17
Day	14	14	15	17	14	15	13	15	15	13	15	13

**T121 R43 S32 QQQ: BAA**  
Obwell # 76024

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 46.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	25.1	24.5	24.4	24.2	24.2	24.1	23.6	24.0	25.4	30.2	30.8	26.5
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	1986	1987	1987	1987	1987	1986	1986	1986	1986	1986
Low WL	28.6	28.2	27.9	27.4	27.4	27.2	26.4	26.3	31.8	37.3	36.1	30.0
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1989	1988	1988
<u>WATER YEAR 89</u>												
Rdg	28.64	28.17	27.90	27.35	27.35	27.15	26.35	26.04	26.68	37.29	33.72	29.78
Day	14	14	15	17	14	15	13	15	15	13	15	13

**T121 R43 S32 QQQ: ACC**  
Obwell # 76025

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 132.0  
Years of Record: 8

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	20.0	19.3	19.1	19.1	18.6	18.9	18.3	18.8	20.0	24.8	25.2	21.4
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	21.3	21.3	24.9	30.9	30.5	25.2
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	23.78	23.16	22.84	22.98	23.00	22.44	21.25	20.87	21.98	30.26	28.35	24.74
Day	14	14	15	17	14	15	13	15	15	13	15	13

Swift County

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## SUMMARY FOR 1989 WATER YEAR

**T122 R38 S22 QQQ: BCA**  
Obwell # 76033

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 133.0  
Years of Record: 6

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	34.7	34.5	34.6	35.0	35.2	35.1	34.6	34.5	34.6	35.2	36.0	35.7
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	37.7	37.6	37.7	37.9	38.1	38.1	37.8	37.5	37.5	38.4	39.5	38.4
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	37.69	37.63	37.65	37.90	38.10	38.05	37.75	37.49	37.53	38.40	39.47	38.37
Day	17	16	16	17	15	17	14	15	16	14	16	14

**T122 R39 S20 QQQ: BBC**  
Obwell # 76015

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 130.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.8	12.7	6.7	6.9	7.5	7.3	5.9	6.4	6.1	9.2	10.5	7.5
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	8.5	9.7	10.8	14.9	13.6	10.8
Lo Yr	1988	1981	1988	1989	1989	1989	1989	1988	1988	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg	10.08	9.88	9.78	9.68	9.75	9.65	8.53	7.97	8.39	14.07	13.57	10.02
Day	14	14	15	17	14	15	13	15	15	13	15	14

**T122 R40 S11 QQQ: DDAA**  
Obwell # 76038

Aquifer: QBAA  
Observer: SWCD

Depth: 167.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave						3.2	2.7	2.1	2.5	9.2	9.6	4.3
High WL						3.2	2.7	2.1	2.6	9.2	9.6	4.4
Hi Yr						1989	1989	1989	1989	1989	1989	1989
Low WL						3.2	2.7	2.1	2.6	9.2	9.6	4.4
Lo Yr						1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg						3.18	2.68	2.09	2.55	9.20	9.61	4.35
Day						31	14	15	16	13	16	14

**T122 R40 S11 QQQ: DDA2**  
Obwell # 76039

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave									4.4		5.2	4.8
High WL									4.4		5.2	4.8
Hi Yr									1989		1989	1989
Low WL									4.4		5.2	4.8
Lo Yr									1989		1989	1989
<u>WATER YEAR 89</u>												
Rdg									4.43		5.17	4.78
Day									16		16	14

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## SUMMARY FOR 1989 WATER YEAR

**T122 R40 S26** QQQ: DDD  
Obwell # 76037

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 166.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.6	4.7	5.1	5.8	6.2	5.7	3.7	4.0	4.5	5.1	5.8	5.0
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	5.9	6.0	6.7	7.1	7.7	7.7
Lo Yr	1988	1988	1988	1989	1989	1989	1989	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	6.87	7.03	6.94	7.40	7.47	7.45	5.90	5.07	5.69	6.59	7.04	6.28
Day	17	16	16	17	15	17	14	15	16	14	16	14

**T122 R41 S25** QQQ: CDD  
Obwell # 76043

Aquifer:  
Observer: SWCD

Depth: 0.0  
Years of Record: 1

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave										12.9	14.9	11.6
High WL										12.9	14.9	11.6
Hi Yr										1989	1989	1989
Low WL										12.9	14.9	11.6
Lo Yr										1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg										12.89	14.94	11.61
Day										13	15	13

**T122 R41 S27** QQQ: DAA  
Obwell # 76017

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 184.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	21.1	20.9	20.8	20.8	21.0	21.0	21.4	21.9	22.1	23.7	26.3	21.9
High WL	17.3	17.5	17.7	18.0	18.4	18.7	18.5	17.7	17.7	17.2	18.0	17.9
Hi Yr	1986	1986	1986	1987	1987	1987	1987	1986	1986	1986	1986	1986
Low WL	22.4	22.3	22.2	22.2	22.3	22.2	25.4	28.8	32.2	29.2	37.5	23.6
Lo Yr	1980	1988	1988	1983	1981	1981	1984	1981	1988	1980	1983	1979
<u>WATER YEAR 89</u>												
Rdg	22.24	22.34	22.18	22.00	22.10	22.10	21.95	22.60	22.85	23.77		
Day	14	14	15	17	14	15	13	15	15	13		

**T122 R41 S27** QQQ: CCB  
Obwell # 76028

Aquifer:  
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	16.8	16.8	18.1	17.4	17.8	17.8	16.7	16.1	16.5	16.5	16.0	16.2
High WL	9.8	12.2	14.8	13.3	14.5	14.8	11.1	8.0	10.3	10.4	11.4	12.2
Hi Yr	1986	1986	1984	1987	1987	1987	1986	1986	1986	1986	1986	1986
Low WL	21.2	21.3	21.2	21.2	21.1	21.0	20.8	20.8	21.3	21.2	19.5	19.9
Lo Yr	1983	1983	1983	1984	1984	1989	1989	1989	1989	1989	1988	1988
<u>WATER YEAR 89</u>												
Rdg	19.91	20.23	20.40	20.60	20.81	21.00	20.78	20.83	21.29	21.24		
Day	17	16	16	17	15	17	14	15	15	14		

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## SUMMARY FOR 1989 WATER YEAR

**T127 R33 S10** QQQ: DDD  
Obwell # 77034Aquifer: QBAAQBAA  
Observer: SWCDDepth: 125.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.3	20.5	20.7			21.1	20.7	20.4	20.3	20.4	20.6	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
<u>WATER YEAR 89</u>						22.35	21.49	21.31	21.21	21.36	21.60	21.13
Rdg	22.14	22.14	22.18			13	13	8	16	18	16	18
Day	19	15	12									

**T127 R33 S13** QQQ: DBA  
Obwell # 77011Aquifer: QWTAQWTA  
Observer: SWCDDepth: 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	4.9	4.9	5.3	5.3	5.6	5.5	4.2	4.3	4.1	4.7	5.4	5.2
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
<u>WATER YEAR 89</u>						8.06	6.38	5.68	5.83	6.60	7.30	6.04
Rdg	8.10	8.15	7.86			13	13	8	16	18	16	18
Day	19	15	12									

**T128 R33 S5** QQQ: BBB  
Obwell # 77030Aquifer: QWTAQWTA  
Observer: SWCDDepth: 41.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	20.8	20.9	21.0	20.8	21.4	21.3	20.4	20.4	20.1	20.5	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	22.0	21.4	21.3	21.7	22.3	22.5
Lo Yr	1988	1988	1988	1982	1982	1989	1989	1981	1989	1989	1989	1988
<u>WATER YEAR 89</u>						23.53	21.99	21.32	21.29	21.69	22.30	21.99
Rdg	22.77	22.93	23.05			13	13	8	15	18	16	18
Day	19	15	12									

**T128 R33 S6** QQQ: AAA  
Obwell # 77033Aquifer: QBAAQBAA  
Observer: SWCDDepth: 147.0  
Years of Record: 5

## MONTHLY WATER LEVEL SUMMARY

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.1	3.2	3.3			3.7	2.4	2.5	2.9	3.5	3.5	3.4
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	3.3	3.3	3.9	4.6	5.3	5.1
Lo Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1988
<u>WATER YEAR 89</u>						5.43	3.30	3.32	3.85	4.56	5.28	4.53
Rdg	5.13	5.12	5.17			13	13	8	15	18	16	18
Day	19	15	12									

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## SUMMARY FOR 1989 WATER YEAR

**T129 R33 S5 QQQ: CDC**  
Obwell # 77009

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.8	10.3	10.5	10.4	11.2	10.8	8.4	8.4	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	10.7	11.1	11.9	13.0	13.4	13.4
Lo Yr	1985	1988	1988	1979	1979	1989	1981	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	13.42	13.53	13.49			13.75	9.14	9.10	10.00	11.23	12.22	11.28
Day	18	15	14			13	13	8	15	17	16	18

**T129 R33 S9 QQQ: CAA**  
Obwell # 77028

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	22.8	22.3	22.8	22.9	23.4	23.1	22.4	22.3	22.2	22.1	22.1	22.2
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	24.3	23.8	24.0	24.5	24.8	24.8	24.7
Lo Yr	1988	1987	1987	1982	1982	1988	1989	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	25.08						23.79	23.18	23.46	23.70	24.20	23.47
Day	18						13	8	15	17	15	18

**T130 R33 S2 QQQ: AAA**  
Obwell # 77012

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.2	3.2	3.7	3.7	4.1	3.9	2.6	2.5	2.4	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
<u>WATER YEAR 89</u>												
Rdg	5.19	5.31	5.17			5.56	3.26	2.99	3.12	4.03	4.64	4.01
Day	18	14	13			16	17	8	15	17	15	18

**T130 R33 S4 QQQ: DBD**  
Obwell # 77026

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 48.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.9	13.6	13.6		13.6	13.3	13.2	16.3	16.7	19.5	23.7	15.0
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	14.5	15.5	25.1	25.4	30.4	31.6	18.2
Lo Yr	1988	1988	1988		1981	1988	1989	1982	1982	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	17.53	16.77	16.81				15.48	14.98	16.68	30.42	31.58	18.23
Day	18	14	13				17	8	15	17	15	18

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## SUMMARY FOR 1989 WATER YEAR

**T130 R33 S4 QQQ: BAB**  
Obwell # 77029

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 55.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.5	12.4	12.5	12.6	12.7	12.3	11.8	12.0	12.0	12.7	13.0	12.6
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 89</b>												
Rdg	14.04	14.18	14.22			14.12	12.33	12.47	12.89	14.25	15.13	13.38
Day	18	14	13			16	13	8	15	17	15	18

**T130 R33 S16 QQQ: BBA1**  
Obwell # 77027

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 34.0  
Years of Record: 9

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.4	13.5	13.6	13.5	13.7	13.6	12.9	13.0	13.1	13.5	13.6	13.7
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	13.9	14.1	14.8	15.7	15.7	15.8
Lo Yr	1988	1988	1988	1982	1981	1989	1981	1981	1988	1988	1989	1988
<b>WATER YEAR 89</b>												
Rdg	15.57	15.51	15.56			15.56	13.78	13.99	14.11	15.02	15.71	14.79
Day	18	14	13			13	13	8	15	17	15	18

**T130 R33 S17 QQQ: DBB**  
Obwell # 77008

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.6	10.5	10.7	10.8	11.1	11.0	9.7	9.6	10.1	9.8	10.2	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	11.6	11.2	11.6	12.2	12.5	12.7
Lo Yr	1988	1988	1988	1982	1981	1989	1989	1988	1988	1988	1988	1988
<b>WATER YEAR 89</b>												
Rdg	12.63	12.76	12.82			12.88	11.57	11.04	11.16	11.68	12.45	12.16
Day	18	14	14			13	13	8	15	17	16	18

**T131 R32 S18 QQQ: BCC**  
Obwell # 77015

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

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	8.4	9.2	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	1986	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 89</b>												
Rdg	10.55	10.44	10.29			10.43	7.92	8.17	8.59	9.34	10.25	9.79
Day	18	14	13			16	17	8	15	17	15	18

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## SUMMARY FOR 1989 WATER YEAR

**T131 R33 S15** QQQ: CDD  
Obwell # 77031

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.2	9.0	9.4	10.1	10.7	9.8	7.9	7.8	7.3	7.8	8.5	9.1
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	10.3	10.6	10.7	11.5	11.2	10.8	10.6	10.9	11.5	11.5	11.2
Lo Yr	1987	1983	1981	1984	1982	1988	1981	1981	1988	1988	1988	1989
<u>WATER YEAR 89</u>												
Rdg							10.52	9.72	9.52	10.00	10.78	11.23
Day							13	8	15	17	16	18

**T131 R34 S25** QQQ: CBC  
Obwell # 77013

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.0  
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	8.1	8.2	8.5	8.7	8.2	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
<u>WATER YEAR 89</u>												
Rdg	8.49	8.63	8.60			8.82	6.77	7.10	7.69	8.55	8.98	8.40
Day	18	14	13			15	17	8	15	17	16	18

**T131 R35 S13** QQQ: DAA  
Obwell # 77014

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 13.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	2.9	3.3	3.6	3.9	4.2	3.6	2.4	2.4	2.6	2.9	3.4	3.3
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
<u>WATER YEAR 89</u>												
Rdg	5.13	5.11	5.13			5.38	1.63	2.90	3.26	4.22	4.71	4.39
Day	18	14	13			15	17	8	15	17	16	18

**T132 R32 S6** QQQ: CBA  
Obwell # 77020

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 16.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	6.1	6.1	6.4	6.3	6.9	6.9	5.8	5.4	5.5	5.8	6.1	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	1982	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
<u>WATER YEAR 89</u>												
Rdg	7.87	8.05	8.08			8.43	6.54	6.19	6.03	6.76	7.46	6.40
Day	18	14	13			15	17	8	15	17	15	18

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## SUMMARY FOR 1989 WATER YEAR

**T132 R32 S8 QQQ: CBC**  
Obwell # 77022

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 25.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.2	4.1	4.3	4.3	4.4	4.5	3.8	3.7	3.7	4.0	4.3	4.4
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	4.5	4.5	5.2	5.7	5.7	6.1
Lo Yr	1988	1988	1988	1979	1979	1989	1979	1988	1988	1988	1989	1988
<u>WATER YEAR 89</u>												
Rdg	5.87	5.85	5.87			6.16	4.32	4.19	4.23	5.11	5.74	5.01
Day	18	14	13			16	17	8	15	17	15	18

**T132 R33 S2 QQQ: DDD**  
Obwell # 77021

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 17.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	13.3	12.9	13.3	13.8	14.0	13.8	12.6	12.1	12.0	12.3	13.1	13.3
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	13.8	13.9	13.9	14.0	14.1	13.3	14.0	12.9	13.9	14.9	14.1
Lo Yr	1979	1985	1985	1983	1983	1987	1987	1981	1983	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg							12.85	12.43	12.56	13.85	14.93	14.08
Day	17						8	15	17	15	15	18

**T132 R33 S26 QQQ: DCC1**  
Obwell # 77016

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 26.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.6	9.8	10.1	10.4	10.6	10.8	10.2	9.9	9.5	9.2	9.3	9.5
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	11.2	11.1	11.3	11.5	11.6	11.7
Lo Yr	1988	1988	1988	1979	1979	1989	1981	1988	1988	1988	1988	1988
<u>WATER YEAR 89</u>												
Rdg	11.92	12.07	12.20			12.27	11.02	10.78	10.56	10.90	11.15	11.48
Day	18	14	13			16	17	8	15	17	15	18

**T133 R32 S5 QQQ: ABC**  
Obwell # 77032

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 41.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	15.3	15.3	15.5	15.0	15.8	16.1	15.8	15.7	15.7	15.2	15.2	15.2
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 89</u>												
Rdg	17.79	17.84	17.88			18.23	17.15	16.70	16.32	16.41	16.65	16.42
Day	18	14	13			15	17	8	15	17	15	18

Todd County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T133 R32 S14 QQQ: CCC**  
Obwell # 77018

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 24.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	3.5	3.7	3.9	4.2	4.0	3.6	3.1	3.1	3.5	3.8	3.7	3.9
High WL	2.3	3.3	3.6	3.8	3.1	2.9	2.1	2.1	2.9	2.8	2.4	2.0
Hi Yr	1981	1981	1988	1984	1982	1988	1982	1985	1985	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
<u>WATER YEAR 89</u>												
Rdg	3.70	3.61	3.57			3.42	2.46	2.13	3.31	4.02	3.74	3.21
Day	18	14	13			15	17	8	15	17	15	18

**T133 R32 S19 QQQ: DCC**  
Obwell # 77006

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 50.0  
Years of Record: 5

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	5.5	5.5	5.6			5.8	4.4	4.5	5.0	5.7	5.6	5.6
High WL	4.2	4.5	4.8			5.4	4.0	3.7	4.6	4.8	4.6	3.9
Hi Yr	1986	1986	1986			1987	1986	1986	1989	1986	1985	1986
Low WL	6.6	6.4	6.4			6.3	5.0	5.3	6.1	6.8	6.7	7.0
Lo Yr	1987	1987	1987			1988	1988	1988	1988	1988	1987	1987
<u>WATER YEAR 89</u>												
Rdg	6.02	6.00	5.94			6.13	4.24	4.09	4.55	5.75	6.63	5.66
Day	18	14	13			15	17	8	15	17	15	18

**T133 R32 S20 QQQ: DCD**  
Obwell # 77019

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 12

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.0	4.6	5.0	5.1	5.8	5.5	4.1	3.8	3.8	4.1	4.4	4.7
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
<u>WATER YEAR 89</u>												
Rdg	5.69	5.95	5.84			6.33	4.06	3.91	3.91	4.93	5.82	4.94
Day	18	14	13			15	17	8	15	17	15	18

**T133 R35 S2 QQQ: CAC1**  
Obwell # 77000

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 28.0  
Years of Record: 26

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	7.7	7.7	8.0	8.2	8.4	8.4	7.8	7.2	7.2	7.1	7.1	7.6
High WL	5.2	5.6	5.2	6.2	6.8	6.2	5.2	4.6	4.4	4.4	4.1	4.7
Hi Yr	1986	1986	1985	1973	1973	1972	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
<u>WATER YEAR 89</u>												
Rdg	10.19	10.35	10.34			10.48	8.76	9.03	8.64	8.39	9.09	8.24
Day	18	14	13			15	17	8	15	17	15	18

Todd County

DNR Region 3

SUMMARY FOR 1989 WATER YEAR

T133 R35 S7 QQQ: CCC1  
Obwell # 77001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 24

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	2.6	2.1	2.4	3.1	3.2	3.0	1.2	1.3	1.5	2.7	3.1	3.0
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
WATER YEAR 89						4.27	2.06	1.89	2.55	4.23	4.93	3.88
Rdg	4.08	4.04	4.04			15	17	8	15	17	15	18
Day	18	14	13									

Traverse County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T129 R47 S25 QQQ: CDC1**  
**Obwell # 78000**

Aquifer: QWTAQWTA  
 Observer: USGS

Depth: 39.0  
 Years of Record: 25

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.7	10.4	10.1	10.7	10.5	10.6	9.3	9.5	9.2	9.5	9.3	16.9
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	1965	1986	1985	1987	1987	1969	1969	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 89</u>							11.13		9.40		10.32	
Rdg		10.90					24		7		15	
Day		18										

Wabasha County

DNR Region 5

SUMMARY FOR 1989 WATER YEAR

T111 R12 S4 QQQ: BBD1  
Obwell # 79000

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 430.0  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	9.8	9.8	9.9	10.4	10.7	10.3	8.0	7.3	8.9	8.9	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	1989	1975	1977	1977	1976	1976	1988
WATER YEAR 89												
Rdg	11.18	11.09	11.12	11.03	10.88	11.18	10.06	9.26	9.28	10.54	11.29	10.93
Day	3	14	5	3	6	6	3	1	5	3	7	5

Wadena County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T134 R34 S12 QQQ: BAD1**  
Obwell # 80001

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 25.0  
Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.1	4.7	4.8	5.1	5.4	5.3	4.3	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
<b>WATER YEAR 89</b>												
Rdg	6.82							5.24				
Day	13							17				

**T134 R34 S19 QQQ: ADD1**  
Obwell # 80002

Aquifer: QWTAQWTA  
Observer: USGS

Depth: 37.0  
Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.2	12.0	12.2	12.6	12.8	13.0	12.5	11.7	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
<b>WATER YEAR 89</b>												
Rdg	13.90	14.14		14.31	14.57				12.93			13.16
Day	19	30		14	15			12				2

**T134 R34 S27 QQQ: DAA**  
Obwell # 80003

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.8  
Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.1	2.6	3.0	3.3	3.5	3.5	1.8	1.7	1.6	2.3	2.9	3.1
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
<b>WATER YEAR 89</b>												
Rdg	4.95	5.03	5.06			5.21	2.86	2.71	3.12	3.66	4.38	4.63
Day	13	18	13			24	17	25	21	17	14	14

**T134 R35 S9 QQQ: DBC**  
Obwell # 80005

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 29.8  
Years of Record: 24

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	8.0	7.9	8.1	8.1	8.4	8.6	7.8	7.4	7.3	7.3	7.7	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
<b>WATER YEAR 89</b>												
Rdg	9.62	9.74	9.79			10.06	8.43	8.02	8.09	8.53	9.35	9.37
Day	13	18	13			24	17	26	21	17	14	14

## SUMMARY FOR 1989 WATER YEAR

**T135 R33 S3 QQQ: ACB**  
Obwell # 80023

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 9.5  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.4	4.4	4.5	4.7	4.9	4.7	3.8	3.8	3.9	4.2	4.7	4.6
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
<b>WATER YEAR 89</b>						5.94	4.00	4.02	4.58	5.30	5.89	5.23
Rdg	5.66	5.65	5.76			24	17	25	21	17	14	14
Day	13	18	13									

**T135 R33 S5 QQQ: CBC**  
Obwell # 80021

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.9	4.6	4.9	5.3	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
<b>WATER YEAR 89</b>						5.72	3.94	4.00	4.59	5.27	6.05	5.55
Rdg	5.42	5.72	5.52			24	17	25	21	17	14	14
Day	13	19	13									

**T135 R33 S14 QQQ: ADD1**  
Obwell # 80024

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 20.0  
Years of Record: 16

## 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 89</b>						13.87	12.35	11.82	12.29	12.72	13.23	13.29
Rdg	14.12	14.08	13.86			24	17	25	21	17	14	14
Day	13	18	13									

**T135 R33 S34 QQQ: AAD**  
Obwell # 80026

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 10.0  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	4.6	4.4	4.7	5.1	5.1	5.3	4.0	3.7	3.8	4.2	4.6	4.7
High WL	3.1	3.3	3.5	4.0	4.5	4.1	3.0	2.6	2.7	2.9	3.1	2.6
Hi Yr	1986	1977	1977	1978	1978	1983	1986	1985	1985	1983	1985	1986
Low WL	7.3	7.5	7.5	7.8	6.3	7.3	7.0	6.1	5.6	6.6	6.4	7.0
Lo Yr	1976	1976	1976	1977	1979	1977	1977	1977	1988	1988	1976	1976
<b>WATER YEAR 89</b>						6.06	3.35	3.48	3.86	4.69	5.68	5.17
Rdg	5.66	5.87	5.88			24	17	25	21	17	14	14
Day	13	18	13									

Wadena County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T135 R34 S16** QQQ: **DAC**  
Obwell # **80006**

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 54.0  
Years of Record: 24

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	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
<u>WATER YEAR 89</u>												
Rdg	5.48							4.49				
Day	13							17				

**T136 R33 S19** QQQ: **BCB**  
Obwell # **80027**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	4.9	4.6	4.9	5.4	5.7	5.5	3.9	3.5	3.8	4.1	4.8	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
<u>WATER YEAR 89</u>												
Rdg	5.92	5.96	5.94				6.17	3.44	3.21	4.04	4.73	5.74
Day	13	18	13				24	17	26	21	17	14

**T136 R33 S36** QQQ: **BCB**  
Obwell # **80028**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 19.8  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	12.7	12.7	12.8	13.1	13.3	13.3	13.0	12.3	12.3	12.3	12.5	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	1976	1976	1976	1976
<u>WATER YEAR 89</u>												
Rdg	14.13	14.08	14.14				13.88	13.50	12.60	12.60	12.92	13.34
Day	13	18	13				24	17	25	21	17	14

**T137 R33 S29** QQQ: **DAA1**  
Obwell # **80029**

Aquifer: QBAAQBA  
Observer: SWCD

Depth: 70.0  
Years of Record: 16

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	40.1	40.0	40.0	40.3	40.4	40.3	39.8	39.6	39.7	39.8	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 89</u>												
Rdg	41.18	41.06	40.84				40.92	39.59	39.50	40.07	40.50	41.24
Day	13	18	13				24	17	26	21	17	14

Wadena County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T137 R34 S7 QQQ: DDD1**  
Obwell # 80030

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 9.7  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.1	2.8	3.2	3.6	3.8	3.6	2.0	2.2	2.3	2.8	3.4	3.3
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
<b>WATER YEAR 89</b>												
Rdg	4.38	4.08	3.95				4.17	2.02	2.39	3.27	4.12	4.42
Day	13	18	13				24	17	26	21	17	14

**T137 R34 S35 QQQ: CDC**  
Obwell # 80022

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	3.6	3.5	4.0	4.4	4.5	4.3	2.6	2.9	3.1	3.3	3.8	3.7
High WL	2.0	2.2	2.7	3.6	4.0	3.3	1.1	1.5	2.0	2.0	1.9	1.2
Hi Yr	1982	1977	1977	1978	1978	1983	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
<b>WATER YEAR 89</b>												
Rdg	5.05	4.93	4.92				5.13	2.68	2.72	3.82	4.28	4.71
Day	13	18	13				24	17	26	21	17	14

**T138 R33 S6 QQQ: DDD**  
Obwell # 80031

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 30.5  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	21.9	22.0	22.2	22.6	22.7	22.6	22.5	22.2	21.8	22.1	22.0	22.1
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	23.2	23.9	23.9	24.0
Lo Yr	1977	1988	1988	1977	1977	1977	1977	1977	1988	1977	1977	1977
<b>WATER YEAR 89</b>												
Rdg	23.67	23.81	23.89				23.99	23.59	22.28	23.17	23.14	23.30
Day	13	18	13				24	17	26	21	17	14

**T138 R34 S15 QQQ: CCC**  
Obwell # 80032

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 14.5  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	7.7	7.7	7.9	8.2	8.4	8.4	7.8	7.0	7.0	7.2	7.6	7.7
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	8.7	8.9	9.0
Lo Yr	1976	1976	1976	1977	1977	1977	1977	1977	1977	1988	1977	1976
<b>WATER YEAR 89</b>												
Rdg	8.98	9.17	9.25				9.35	8.42	7.54	7.87	8.13	8.68
Day	13	18	13				24	17	26	21	17	14

Washington County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T27 R20 S2 QQQ: BCC1**  
Obwell # 82013

Aquifer: QBAAQBA  
Observer: USGS

Depth: 285.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	-29.1	-27.8		-24.7	-23.6	-28.0	-27.9	-30.4	-29.0	-28.7	-28.3	-28.1
High WL	-29.6	-30.7		-29.8	-23.6	-29.1	-29.2	-33.9	-30.5	-29.6	-29.8	-29.3
Hi Yr	1980	1980		1981	1987	1980	1987	1980	1980	1989	1980	1989
Low WL	-27.5	-25.0		-19.7	-23.6	-27.0	-26.3	-27.7	-28.0	-26.8	-27.5	-25.2
Lo Yr	1981	1983		1985	1987	1985	1984	1984	1985	1985	1984	1983
<u>WATER YEAR 89</u>								-30.71		-29.56		-29.33
Rdg		-28.41						25		31		21
Day		2										

**T27 R20 S2 QQQ: BCC2**  
Obwell # 82014

Aquifer: CIGLCIGL  
Observer: USGS

Depth: 385.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	-34.8	-33.3		-23.8	-28.6	-33.8	-33.9	-36.8	-17.8	-34.6	-33.8	-34.0
High WL	-35.8	-34.9		-23.8	-28.6	-35.8	-35.2	-42.4	-38.1	-35.8	-34.3	-35.3
Hi Yr	1983	1987		1985	1987	1980	1987	1980	1980	1987	1980	1987
Low WL	-32.7	-31.6		-23.8	-28.6	-32.1	-32.1	-33.9	35.3	-32.6	-33.5	-31.2
Lo Yr	1981	1983		1985	1987	1985	1984	1984	1987	1985	1984	1983
<u>WATER YEAR 89</u>								-36.46		-34.74		-34.62
Rdg		-34.39						25		31		21
Day		2										

**T27 R20 S2 QQQ: BCC3**  
Obwell # 82015

Aquifer: CMTSCMITS  
Observer: USGS

Depth: 535.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	-12.3	-11.0		-16.5	-9.4	-11.1	-9.9	-12.8	-11.5	-8.5	-11.5	-9.7
High WL	-14.5	-17.9		-17.9	-9.4	-16.4	-11.5	-22.1	-17.6	-10.3	-17.6	-14.5
Hi Yr	1981	1980		1980	1987	1980	1984	1980	1980	1986	1980	1981
Low WL	-9.8	-7.5		-15.1	-9.4	-7.7	-8.5	-7.5	-8.2	-7.5	-6.6	-4.7
Lo Yr	1987	1988		1981	1987	1985	1985	1989	1985	1987	1985	1989
<u>WATER YEAR 89</u>								-7.54		-7.66		-4.70
Rdg		-7.54						25		31		21
Day		2										

**T27 R21 S28 QQQ: BCC1**  
Obwell # 82016

Aquifer: OPDCCJDN  
Observer: USGS

Depth: 345.0  
Years of Record: 11

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	65.9	71.4	65.3	69.2	66.7	69.4	66.1	70.3	66.3	69.9	72.1	69.2
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	72.2	75.9	68.3	76.0	71.7	74.3	67.3	75.3	66.7	79.1	76.9	76.5
Lo Yr	1981	1988	1980	1989	1983	1989	1984	1989	1980	1988	1989	1988
<u>WATER YEAR 89</u>		75.89		75.97		74.26		75.29		76.87		73.22
Rdg		1		24		31		10		15		20
Day												

Washington County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T28 R20 S11 QQQ: CAA1**  
Obwell # 82011

Aquifer: CFRNCFRN  
Observer: USGS

Depth: 94.0  
Years of Record: 12

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	36.5	37.2		37.8	38.1	37.8	36.7	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	38.0		38.5	38.3	38.7	37.7	38.0	37.9	38.5	37.7	38.7
Lo Yr	1988	1978		1989	1979	1982	1988	1988	1987	1988	1980	1988
<u>WATER YEAR 89</u>												
Rdg	38.53			38.54		38.63		36.28		37.90		38.21
Day	31			17		13		15		31		21

**T28 R20 S34 QQQ: ADA1**  
Obwell # 82012

Aquifer: KRETKRET  
Observer: USGS

Depth: 306.0  
Years of Record: 11

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	241.3	241.5	242.7	243.1	242.6	242.5	242.2	241.9	242.1	243.1	244.2	242.5
High WL	240.7	241.5	242.7	243.1	242.1	241.0	241.2	240.7	241.2	241.1	244.0	240.9
Hi Yr	1987	1985	1979	1980	1987	1988	1987	1986	1987	1986	1979	1987
Low WL	242.1	241.5	242.7	243.2	243.0	244.2	243.6	242.8	243.2	245.6	244.5	244.2
Lo Yr	1979	1985	1979	1985	1980	1983	1984	1983	1984	1987	1980	1983
<u>WATER YEAR 89</u>												
Rdg								242.78		243.64		243.44
Day								15		31		21

**T29 R21 S6 QQQ: CAD1**  
Obwell # 82005

Aquifer: OSTPOSTP  
Observer: USGS

Depth: 210.0  
Years of Record: 16

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	75.1	75.1	75.3	74.8	74.1	74.7	74.3	74.9	74.7	75.5	76.0	75.3
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	76.0	76.6	77.0	75.9	76.3	76.2	76.7	77.0	77.7	77.2	77.5
Lo Yr	1977	1976	1977	1978	1977	1975	1975	1978	1978	1989	1977	1989
<u>WATER YEAR 89</u>												
Rdg	76.27			75.66		75.55		76.02		77.68		77.50
Day	31			17		13		15		24		18

**T29 R21 S10 QQQ: CCC1**  
Obwell # 82028

Aquifer: CJDNCJDN  
Observer: USGS

Depth: 348.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	36.1	38.8		38.7	39.4	39.2	35.8	39.3	36.3	38.8	38.4	38.9
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	40.9		41.5	45.5	41.7	38.3	42.0	41.2	42.7	40.2	45.7
Lo Yr	1988	1982		1982	1978	1982	1984	1989	1981	1989	1988	1977
<u>WATER YEAR 89</u>												
Rdg	40.17			40.95		41.42		41.96		42.67		42.74
Day	31			17		13		15		24		18

Washington County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T30 R20 S3 QQQ: CAD1**  
Obwell # 82022

Aquifer: CIGLCIGL  
Observer: DNR

Depth: 360.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	131.9	133.2	130.7	132.3	134.2	131.3	131.3	132.1	132.0	131.4	131.2	133.9
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	1987	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 89	Rdg	127.33		131.01			132.53	133.04			133.16	133.75
	Day	14		9			22	31			3	28

**T30 R20 S3 QQQ: CAD2**  
Obwell # 82023

Aquifer: QBAAQBAA  
Observer: DNR

Depth: 252.0  
Years of Record: 10

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	130.3	131.9	129.6	131.1	132.4	129.9	130.0	130.8	130.6	130.0	129.8	132.3
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 89	Rdg	125.83		129.60			131.24	131.75			131.86	132.44
	Day	14		9			22	31			3	28

**T30 R20 S3 QQQ: CAD3**  
Obwell # 82024

Aquifer: QBAAQBAA  
Observer: DNR

Depth: 130.0  
Years of Record: 10

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	101.4	103.1	100.0	101.7	102.9	100.1	99.6	100.6	101.3	100.6	99.6	101.2
High WL	96.0	100.5	95.1	97.1	100.2	95.1	95.1	96.5	97.0	96.4	96.6	97.7
Hi Yr	1987	1983	1986	1985	1984	1987	1987	1985	1988	1987	1985	1988
Low WL	106.2	106.2	106.4	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
WATER YEAR 89	Rdg	95.97		98.08			98.91	99.27			99.29	99.80
	Day	14		9			22	31			3	28

**T31 R20 S7 QQQ: AAA**  
Obwell # 82035

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 114.0  
Years of Record: 6

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	40.0	39.8	40.0		39.3	40.6	40.5	40.7	40.7	40.3	40.3	40.3
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	42.6	42.6	42.6		39.3	42.7	42.8	42.8	43.0	43.1	43.2	43.1
Lo Yr	1988	1988	1988		1987	1989	1989	1989	1989	1989	1989	1989
WATER YEAR 89	Rdg	42.56	42.61	42.56		42.70	42.75	42.84	42.98	43.12	43.15	43.14
	Day	26	22	19		30	24	26	26	28	28	28

Washington County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

**T31 R20 S7 QQQ: AAA**  
Obwell # 82037

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 47.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	18.4	18.6	18.9		17.0	20.7	20.0	19.6	19.5	18.9	18.8	18.9
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	20.9	21.2	21.1		17.0	22.4	22.3	22.1	21.8	22.0	21.4	21.2
Lo Yr	1988	1988	1988		1987	1989	1988	1988	1988	1988	1989	1989
<u>WATER YEAR 89</u>						22.37	22.13	21.95	21.43	21.33	21.43	21.24
Rdg	20.92	21.17	21.09			30	24	26	26	28	28	
Day	26	22	19									

**T31 R20 S18 QQQ: AAA**  
Obwell # 82033

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 106.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	23.8	23.7	23.8		23.2	24.6	24.2	24.3	24.3	24.1	24.2	24.2
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	26.1	26.0	26.0		23.2	26.2	26.1	26.2	26.2	26.5	26.6	26.7
Lo Yr	1988	1988	1988		1987	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						26.15	26.13	26.23	26.23	26.53	26.64	26.70
Rdg	26.05	26.03	25.95			30	24	26	26	28	28	
Day	26	22	19									

**T31 R21 S27 QQQ: ABB**  
Obwell # 82032

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 145.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	55.7	55.7	55.7		54.0	56.5	57.6	56.5	56.9	56.5	56.6	56.6
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	59.9	59.8	59.6		54.0	60.3	60.1	60.1	60.2	60.8	60.9	61.0
Lo Yr	1988	1988	1988		1987	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						60.33	60.12	60.12	60.18	60.80	60.90	60.97
Rdg	59.88	59.82	59.57			30	24	26	26	28	28	
Day	26	22	19									

**T31 R21 S28 QQQ: ABD1**  
Obwell # 82029

Aquifer: OPDCOPDC  
Observer: USGS

Depth: 142.0  
Years of Record: 13

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.2	10.4	11.1	10.6	10.8	10.1	11.7	9.9	10.9	9.9	12.1	11.0
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	10.8	12.7	11.1	12.9	12.8	11.5	12.5	12.5	11.0	12.9	13.7	13.7
Lo Yr	1980	1988	1980	1989	1978	1981	1989	1989	1980	1988	1989	1989
<u>WATER YEAR 89</u>		12.68		12.88			12.54	12.45			13.70	13.68
Rdg		15		26			4	22			16	21
Day												

Washington County

DNR Region 6

## SUMMARY FOR 1989 WATER YEAR

T32 R20 S30 QQQ: BCD1  
Obwell # 82030

Aquifer: OPDCCJDN  
Observer: USGS

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	51.6	53.7		53.3	52.6	53.2	56.6	53.5	53.3	53.5		53.9
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	51.6	56.9		56.6	52.6	54.0	56.6	54.8	53.3	57.5		58.5
Lo Yr	1986	1988		1989	1987	1983	1989	1988	1987	1988		1988
<u>WATER YEAR 89</u>												
Rdg		56.88		56.58			56.56					56.85
Day		15		26			4					21

T32 R20 S34 QQQ: BDB  
Obwell # 82031

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 125.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	10.9	11.0	10.9		9.7	11.8	11.5	11.8	11.8	12.0	11.6	11.6
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	14.5	14.6	14.5		9.7	15.6	15.5	15.7	15.6	15.9	16.0	16.0
Lo Yr	1988	1988	1988		1987	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	14.54	14.60	14.51			15.55	15.50	15.66	15.59	15.89	15.95	16.00
Day	26	22	19		30	24	26	26	26	28	28	28

T32 R21 S36 QQQ: CDD  
Obwell # 82034

Aquifer: OPDCOPDC  
Observer: SWCD

Depth: 78.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.0	27.0	27.1		26.4	28.3	27.5	27.3	27.3	27.1	27.5	27.5
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	30.3	30.2	30.2		26.4	30.8	30.4	30.4	30.0	30.4	30.5	30.6
Lo Yr	1988	1988	1988		1987	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						30.81	30.37	30.41	30.03	30.36	30.53	30.63
Rdg	30.31	30.22	30.23			30	24	26	26	28	28	28
Day	26	22	19									

T32 R21 S36 QQQ: CDD  
Obwell # 82036

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 27.0  
Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	27.4	27.3	27.2		26.9	28.6	28.2	27.7	27.8	27.5	27.9	28.0
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	30.6	30.7	30.5		26.9	31.3	31.4	31.0	30.7	30.9	31.1	31.2
Lo Yr	1988	1988	1988		1987	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						31.34	31.35	30.95	30.66	30.89	31.06	31.15
Rdg	30.64	30.74	30.45			30	24	26	26	28	28	28
Day	26	22	19									

Watonwan County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T105 R32 S28 QQQ: ABBA**  
**Obwell # 83015**

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 124.3  
 Years of Record: 2

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	61.4	54.4	61.5			70.5	67.3	59.0	50.1	35.5	35.5	47.4
High WL	61.4	54.4	61.5			70.5	67.3	59.0	40.5	35.5	35.5	47.4
Hi Yr	1988	1988	1988			1989	1989	1989	1989	1989	1989	1989
Low WL	61.4	54.4	61.5			70.5	67.3	59.0	59.8	35.5	35.5	47.4
Lo Yr	1988	1988	1988			1989	1989	1989	1988	1989	1989	1989
<u>WATER YEAR 89</u>						70.50	67.30	59.00	40.50	35.50	35.50	47.40
Rdg	61.40	54.40	61.50			3	4	22	27	10	7	18
Day												

**T106 R31 S19 QQQ: DDB**  
**Obwell # 83013**

Aquifer: QBAAQBA  
 Observer: SWCD

Depth: 295.0  
 Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	33.1	33.4	41.7			34.6	34.8		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	36.6	33.4	41.7			36.0	38.9		31.2	29.1	37.3	37.5
Lo Yr	1988	1984	1984			1985	1985		1984	1984	1984	1984
<u>WATER YEAR 89</u>							36.00					
Rdg	36.60						4					
Day	6											

**T106 R32 S1 QQQ: DDB1**  
**Obwell # 83000**

Aquifer: QWTAQWTA  
 Observer: USGS

Depth: 22.0  
 Years of Record: 25

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.6	9.2	9.9	9.7	9.0	10.3	9.0	9.0	9.2	9.3	9.5	9.9
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	13.4	14.3	14.7	13.1	14.8	14.2	14.4	14.6	14.8	14.7	15.0
Lo Yr	1988	1976	1988	1989	1979	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>						14.82	14.20	14.40	14.59	14.78	14.67	15.00
Rdg	14.02		14.34	14.66		2	6	24	14	11	3	15
Day	24			31								

**T106 R33 S27 QQQ: BDB**  
**Obwell # 83014**

Aquifer:  
 Observer: SWCD

Depth: 0.0  
 Years of Record: 6

MONTHLY WATER LEVEL SUMMARY												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	80.9	78.1	86.2			81.6	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	85.7	98.0			91.6	93.5	91.1	92.4	98.8	95.7	101.1
Lo Yr	1988	1988	1987			1988	1989	1988	1989	1989	1989	1988
<u>WATER YEAR 89</u>						90.92	93.52	86.52	92.42	98.82	95.72	95.02
Rdg	93.62	85.72	77.92			13	4	22	20	10	7	18
Day	6	9	2									

Watonwan County

DNR Region 4

## SUMMARY FOR 1989 WATER YEAR

**T107 R31 S14 QQQ: DAC1**  
Obwell # 83009

Aquifer: KRETKRET  
Observer: USGS

Depth: 150.0  
Years of Record: 10

MONTHLY WATER LEVEL SUMMARY												
HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	12.8	13.4	13.4	12.8	12.6	12.5	13.1	11.7	13.5	13.8		14.1
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	14.1	14.8	13.2	12.6	14.7	14.0	13.0	13.5	16.3		15.7
Lo Yr	1982	1987	1988	1985	1987	1989	1989	1982	1987	1988		1989
<u>WATER YEAR 89</u>												
Rdg			14.78			14.66	14.04					15.73
Day			2			2	6					27

**T107 R31 S27 QQQ: AAC**  
Obwell # 83012

Aquifer: KRETKRET  
Observer: SWCD

Depth: 484.0  
Years of Record: 6

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	10.5	6.6	10.7			5.0	7.2	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	10.0	4.2	4.2	7.8	12.1	4.0
Lo Yr	1988	1984	1984			1984	1989	1984	1984	1984	1984	1984
<u>WATER YEAR 89</u>												
Rdg			28.00				10.00					
Day			6				4					

**T107 R31 S35 QQQ: CAC1**  
Obwell # 83010

Aquifer: CMTSCMTS  
Observer: USGS

Depth: 350.0  
Years of Record: 10

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	32.2	32.5	32.9	31.8	31.1	32.7	32.5	31.2	33.0	34.1		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	33.6	35.2	31.8	31.1	35.2	34.9	33.0	33.0	41.6		36.7
Lo Yr	1982	1987	1988	1985	1987	1989	1989	1988	1987	1988		1989
<u>WATER YEAR 89</u>												
Rdg			35.17			35.22	34.88					36.68
Day			2			2	6					27

**T107 R32 S16 QQQ: BAD**  
Obwell # 83011

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 60.0  
Years of Record: 6

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	11.5	12.0	12.6			14.1	14.9	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 89</u>												
Rdg			13.70				16.60					
Day			6				4					

Wilkin County

DNR Region 1

## SUMMARY FOR 1989 WATER YEAR

**T135 R46 S2 QQQ: C**  
**Obwell # 84018**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 188.0  
 Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	9.9	4.0	2.4			8.5	3.7	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
<u>WATER YEAR 89</u>												
Rdg	4.10						2.20					
Day	20						26					

**T135 R46 S16 QQQ: A**  
**Obwell # 84019**

Aquifer: QBAAQBAA  
 Observer: SWCD

Depth: 183.0  
 Years of Record: 8

## MONTHLY WATER LEVEL SUMMARY

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<u>HISTORICAL</u>												
Ave	8.2	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
<u>WATER YEAR 89</u>												
Rdg	8.80						8.80					
Day	20						26					

## SUMMARY FOR 1989 WATER YEAR

**T106 R10 S19 QQQ: DDA2**  
**Obwell # 85001**

Aquifer: CIGLCIGL  
 Observer: USGS

Depth: 720.0  
 Years of Record: 6

**MONTHLY WATER LEVEL SUMMARY**

<u>HISTORICAL</u>	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	241.9	240.0	233.2	232.9	232.9	230.9	239.4	235.0	236.5	235.9	237.1	236.0
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
<u>WATER YEAR 89</u>												
Rdg	267.10	267.80	234.90	235.32	233.72	233.60	299.32	230.90	237.18	233.70	240.40	231.54
Day	14	4	3	13	3	3	3	1	6	5	2	5

Wright County

DNR Region 3

## SUMMARY FOR 1989 WATER YEAR

**T118 R27 S15** QQQ: **CDC1**  
Obwell # **86007**

Aquifer: QBAAQBAA  
Observer: SWCD

Depth: 128.0  
Years of Record: 13

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	13.2	13.0	12.6	13.0	12.9	13.6	13.2	13.4	13.6	13.2	13.3	13.2
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	17.0	17.4	17.4	17.6	17.8	18.1	18.0	18.0	18.2	18.5	18.7	18.6
Lo Yr	1977	1988	1988	1989	1989	1989	1989	1989	1989	1989	1989	1989
<u>WATER YEAR 89</u>												
Rdg	17.03	17.40	17.43	17.57	17.83	18.13	17.98	18.01	18.20	18.45	18.66	18.61
Day	3	7	8	4	1	5	4	11	7	6	2	15

**T119 R26 S24** QQQ: **BAB2**  
Obwell # **86003**

Aquifer: QWTAQWTA  
Observer: SWCD

Depth: 12.0  
Years of Record: 14

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	5.4	5.2	5.5	5.6	6.1	5.8	4.8	4.8	5.0	5.1	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	5.9	6.1	6.6	7.4	7.8	7.9
Lo Yr	1988	1988	1988	1989	1989	1989	1988	1977	1977	1977	1977	1988
<u>WATER YEAR 89</u>												
Rdg	8.10	8.22	8.29	8.37	8.44	8.55	5.82	5.82	6.13	6.56	7.19	7.55
Day	3	7	2	4	1	5	6	12	7	6	2	15

**T119 R26 S35** QQQ: **DDA1**  
Obwell # **86001**

Aquifer: CMTSCMSH  
Observer: USGS

Depth: 693.0  
Years of Record: 20

## MONTHLY WATER LEVEL SUMMARY

HISTORICAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Ave	76.6	76.2	77.7	76.0	75.8	76.4	76.2	76.7	75.9	75.9	76.0	76.3
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	77.9	76.5	78.3	77.0	78.1	78.2	77.2	77.8	78.1
Lo Yr	1977	1977	1970	1978	1979	1978	1979	1977	1977	1978	1989	1976
<u>WATER YEAR 89</u>												
Rdg	76.79			76.64			77.26		77.30		77.76	78.01
Day	3			31			16		1		24	26

**T121 R23 S22** QQQ: **ACC1**  
Obwell # **86004**

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	6.6	6.9	6.9	6.5	7.1	7.2	7.0	6.5	6.4	6.3	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	8.4	9.5	9.6	8.9	8.8	8.6	8.7	8.7	9.1
Lo Yr	1988	1976	1988	1982	1989	1989	1989	1989	1989	1977	1988	1988
<u>WATER YEAR 89</u>												
Rdg	9.08	9.23	9.35		9.53	9.58	8.90	8.77	8.60	8.55	8.55	8.73
Day	3	7	7		1	1	10	10	5	6	2	15

