

OBSERVATION WELL MONITORING PROGRAM

The District continues to monitor 25 observation wells for the Department of Natural Resources, checking the fluctuation of the water table in the counties irrigated sand plains. The Observation Well Program is administered by Kim Krueger. This program began in Minnesota in 1942 by a cooperative program between DNR and the United States Geological Survey (USGS). Statewide there are about 700-750 wells. The wells monitored in 2007 are recorded below showing the low and high months. The graph below shows the fluctuation in water levels in the Sedan Well. We have been recording the variations in water fluctuation in this well for 24 years.

Observation Wells Monitored in 2008

	High Month	Low Month	Difference (in feet)
<i>Sedan</i>	8.05	6.80	1.25
<i>Glenwood</i>	37.84	35.98	1.86
<i>Schiermeister</i>	25.24	23.82	1.42
<i>Hauge</i>	32.78	22.48	10.30
<i>Lake Johanna (West)</i>	68.81	24.62	44.19
<i>Lake Johanna (East)</i>	20.25	18.04	2.21
<i>Fiedler</i>	9.99	8.59	1.40
<i>Westport</i>	41.01	9.74	31.27
<i>McKigney</i>	10.79	8.15	2.64
<i>Cinderland</i>	16.10	15.34	0.76
<i>Terpstra</i>	85.35	14.44	70.91
<i>Welte</i>	9.98	4.24	5.74
<i>#3</i>	11.58	9.85	1.73
<i>Hill-Leven</i>	58.28	29.01	29.27
<i>#5</i>	9.98	8.28	1.70
<i>Villard</i>	8.38	6.05	2.33
<i>Schaeffer</i>	25.00	23.09	1.91
<i>North</i>	9.64	6.58	3.06
<i>Wrolson</i>	7.59	4.93	2.66
<i>South</i>	6.38	4.09	2.29
<i>USGS</i>	22.20	8.33	13.87
<i>BLX</i>	38.51	6.84	31.67
<i>Hwy 9 SE</i>	39.99	6.69	33.30
<i>Hwy 9 NW</i>	6.91	5.50	1.41
<i>Duncan</i>	5.69	5.00	0.69