



Water-Data Report 2008

453333098254201 Local number ORDWAY GW WELL NEAR ORDWAY, SD

Sand and gravel aquifers (glaciated regions)

Elm Aquifer

Brown County, SD

LOCATION.--Lat 45°33'33", long 98°25'42" referenced to North American Datum of 1983, in NE ¼ NW ¼ NW ¼ sec.16, T.124 N., R.63 W., Brown County, SD, Hydrologic Unit 10160004, 1.0 mi south and 0.8 mi west of Ordway.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled water table unused public supply well. Well diameter 2 in, depth 20.5 ft (measured), screened 7.0 to 17.0 feet. Owned by city of Aberdeen.

DATUM.--Land-surface datum is 1295.91 ft above NGVD of 1929. Datum determined by city of Aberdeen. Measuring point is 3.20 ft above land-surface datum.

PERIOD OF RECORD.--May 3, 2007 to April 29, 2008.

GAGE.--Satellite data-collection platform and submersible pressure transducer.

REMARKS.--Water levels affected by pumping of nearby wells. Record good.

EXTREMES FOR PERIOD OF RECORD.--Maximum water level, 8.50 ft. (observed) below land-surface datum, February 25-26, 2008; minimum water level, 6.77 ft. (observed) below land-surface datum, June 25, 2007.

453333098254201 Local number ORDWAY GW WELL NEAR ORDWAY, SD—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
 DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.02	7.94	8.06	8.12	8.30	8.27	7.88	---	---	---	---	---
2	8.00	7.97	8.10	8.11	8.32	8.25	7.83	---	---	---	---	---
3	7.99	7.96	8.07	7.96	8.30	8.25	7.78	---	---	---	---	---
4	8.04	7.94	8.02	7.95	8.33	8.17	7.76	---	---	---	---	---
5	8.02	8.01	8.06	7.96	8.34	8.21	7.76	---	---	---	---	---
6	8.05	8.02	7.98	8.04	8.27	8.23	7.79	---	---	---	---	---
7	8.06	7.94	8.06	8.07	8.23	8.23	7.79	---	---	---	---	---
8	8.03	7.95	8.08	8.09	8.24	8.17	7.76	---	---	---	---	---
9	8.07	7.97	8.05	8.05	8.37	8.22	7.69	---	---	---	---	---
10	8.07	7.93	8.02	8.04	8.38	8.22	7.56	---	---	---	---	---
11	8.03	8.00	8.05	8.09	8.34	8.13	7.44	---	---	---	---	---
12	8.02	8.02	8.02	8.12	8.33	8.10	7.49	---	---	---	---	---
13	8.05	7.94	8.07	8.13	8.32	8.10	7.51	---	---	---	---	---
14	8.05	8.04	8.07	8.14	8.40	8.12	7.49	---	---	---	---	---
15	8.02	8.04	8.01	8.04	8.40	8.14	7.51	---	---	---	---	---
16	7.93	7.96	7.99	8.14	8.32	8.15	7.64	---	---	---	---	---
17	7.90	8.02	7.98	8.11	8.38	8.12	7.65	---	---	---	---	---
18	7.84	8.00	8.02	8.17	8.40	8.10	7.63	---	---	---	---	---
19	7.77	8.02	8.02	8.17	8.44	8.11	7.66	---	---	---	---	---
20	7.80	8.06	7.99	8.19	8.45	8.11	7.66	---	---	---	---	---
21	7.90	8.07	8.08	8.19	8.40	8.09	7.76	---	---	---	---	---
22	7.90	8.06	8.09	8.15	8.45	8.11	7.75	---	---	---	---	---
23	7.91	8.00	8.05	8.22	8.46	8.09	7.76	---	---	---	---	---
24	7.92	7.98	8.05	8.21	8.46	8.03	7.78	---	---	---	---	---
25	7.87	8.03	8.07	8.19	8.50	8.03	7.78	---	---	---	---	---
26	7.95	8.07	8.05	8.22	8.50	8.02	7.80	---	---	---	---	---
27	7.95	8.08	8.05	8.22	8.43	7.97	7.80	---	---	---	---	---
28	7.95	8.06	8.03	8.22	8.35	7.92	7.80	---	---	---	---	---
29	7.89	8.10	7.99	8.27	8.32	7.87	7.77	---	---	---	---	---
30	7.91	8.11	7.99	8.30	---	7.90	---	---	---	---	---	---
31	7.96	---	8.10	8.30	---	7.86	---	---	---	---	---	---
Max	8.07	8.11	8.10	8.30	8.50	8.27	---	---	---	---	---	---

