

Water-Data Report 2011

423549104120901 Local number 30-061-09bbb01 Prairie Center #5

High Plains aquifer
Arikaree Formation

Goshen County, WY

LOCATION.--Lat 42°35'49", long 104°12'09" referenced to North American Datum of 1927, in NW ¼ NW ¼ NW ¼ sec.9, T.30 N., R.61 W., Goshen County, WY, Hydrologic Unit 10180009.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 220 ft.

DATUM.--Land-surface datum is 4,850 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1.60 ft above land-surface datum.

PERIOD OF RECORD.--1981 to current year.

COOPERATION.--Data collected and records provided by the Wyoming State Engineer's Office and reviewed by U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 80.61 ft below land surface, May 1, 1981; lowest, 89.82 ft below land surface, October 26, 2008.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MINIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	89.06	88.93	88.78	---	---	88.37	88.16	88.04	---	---	---	---
2	89.04	88.89	88.78	---	---	88.35	88.17	88.04	---	---	---	---
3	89.05	88.88	88.79	---	---	88.34	88.17	88.02	---	---	---	---
4	89.04	88.90	88.76	---	---	88.32	88.19	88.02	---	---	---	---
5	89.03	88.89	88.76	---	---	88.32	88.12	88.03	---	---	---	---
6	89.01	88.89	88.78	---	---	88.32	88.13	88.02	---	---	---	---
7	89.01	88.88	88.74	---	---	88.29	88.14	88.03	---	---	---	---
8	89.05	88.89	88.74	---	---	88.29	88.12	87.97	---	---	---	---
9	89.04	88.90	88.74	---	---	88.28	88.12	87.98	---	---	---	---
10	89.02	88.89	88.75	---	---	88.28	88.13	87.98	---	---	---	---
11	89.00	88.86	88.74	---	---	88.29	88.12	88.02	---	---	---	---
12	89.01	88.85	88.73	---	---	88.28	88.10	88.02	---	---	---	---
13	89.00	88.89	88.73	---	---	88.28	88.10	88.02	---	---	---	---
14	88.99	88.89	88.75	---	---	88.30	88.11	88.01	---	---	---	---
15	89.03	88.89	---	---	---	88.28	88.12	88.00	---	---	---	---
16	89.01	88.89	---	---	---	88.27	88.09	88.00	---	---	---	---
17	88.96	88.87	---	---	---	88.26	88.09	88.00	---	---	---	---
18	88.96	88.87	---	---	---	88.25	88.09	87.97	---	---	---	---
19	88.94	88.88	---	---	---	88.26	88.09	87.98	---	---	---	---
20	88.96	88.84	---	---	---	88.24	88.09	87.98	---	---	---	---
21	88.98	88.84	---	---	---	88.24	88.09	87.90	---	---	---	---
22	88.95	88.81	---	---	---	88.23	88.08	87.91	---	---	---	---
23	88.94	88.82	---	---	---	88.26	88.08	87.92	---	---	---	---
24	88.94	88.81	---	---	---	88.23	88.09	---	---	---	---	---
25	88.99	88.82	---	---	---	88.19	88.09	---	---	---	---	---
26	88.90	88.81	---	---	---	88.19	88.08	---	---	---	---	---
27	88.90	88.81	---	---	---	88.23	88.02	---	---	---	---	---
28	88.96	88.81	---	---	---	88.19	88.02	---	---	---	---	---
29	88.91	88.81	---	---	---	88.15	88.04	---	---	---	---	---
30	88.91	88.78	---	---	---	88.14	88.05	---	---	---	---	---
31	88.93	---	---	---	---	88.16	---	---	---	---	---	---
Max	89.06	88.93	---	---	---	88.37	88.19	---	---	---	---	---
Min	88.90	88.78	---	---	---	88.14	88.02	---	---	---	---	---

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MINIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	88.14	88.06	87.96	87.88	87.73	87.65	87.51	87.45	87.37	87.33
2	---	---	88.13	88.06	87.96	87.83	87.66	87.65	87.50	87.42	87.37	87.33
3	---	---	88.13	88.06	87.94	87.83	87.70	87.62	87.53	87.42	87.35	87.33
4	---	---	88.17	88.06	87.92	87.86	87.68	87.63	87.50	87.42	87.37	87.33
5	---	---	88.17	88.06	87.92	87.81	87.67	87.58	87.50	87.44	87.35	87.33
6	---	---	88.13	88.04	87.96	87.81	87.70	87.58	87.48	87.43	87.36	87.33
7	---	---	88.13	88.04	87.90	87.81	87.68	87.58	87.48	87.43	87.35	87.34
8	---	---	88.11	88.04	87.97	87.81	87.71	87.58	87.51	87.42	87.36	87.33
9	---	88.17	88.12	88.04	87.91	87.84	87.69	87.58	87.50	87.42	87.35	87.33
10	---	88.23	88.08	88.07	87.91	87.76	87.69	87.63	87.51	87.42	87.36	87.33
11	---	88.23	88.17	88.05	87.92	87.76	87.69	87.62	87.49	87.42	87.36	87.33
12	---	88.20	88.11	88.01	87.90	87.85	87.69	87.62	87.48	87.42	87.36	87.33
13	---	88.17	88.11	88.01	87.88	87.84	87.67	87.59	87.48	87.42	87.35	87.33
14	---	88.17	88.07	88.03	87.88	87.78	87.67	87.59	87.48	87.42	87.35	87.33
15	---	88.17	88.08	88.01	87.88	87.78	87.67	87.58	87.47	87.42	87.35	87.33
16	---	88.15	88.15	87.95	87.87	87.76	87.67	87.54	87.47	87.42	87.37	87.32
17	---	88.21	88.11	87.97	87.87	87.78	87.67	87.54	87.48	87.42	87.35	87.32
18	---	88.16	88.09	88.01	87.90	87.76	87.69	87.54	87.48	87.42	87.34	87.34
19	---	88.17	88.08	87.99	87.87	87.74	87.69	87.56	87.47	87.41	87.35	87.28
20	---	88.15	88.06	87.93	87.87	87.78	87.66	87.55	87.48	87.41	87.35	87.32
21	---	88.16	88.15	87.93	87.90	87.73	87.64	87.54	87.48	87.39	87.35	87.32
22	---	88.17	88.08	87.91	87.88	87.73	87.65	87.54	87.47	87.39	87.34	87.32
23	---	88.13	88.08	87.96	87.88	87.81	87.67	87.55	87.47	87.39	87.34	87.31
24	---	88.13	88.11	87.98	87.88	87.69	87.66	87.55	87.45	87.39	87.34	87.29
25	---	88.18	88.07	87.98	87.85	87.74	87.63	87.56	87.45	87.37	87.34	87.29
26	---	88.19	88.07	87.95	87.84	87.75	87.63	87.48	87.45	87.37	87.34	87.29
27	---	88.13	88.08	87.96	87.85	87.73	87.66	87.52	87.47	87.37	87.33	87.30
28	---	88.13	88.02	87.96	87.88	87.74	87.61	87.52	87.45	87.37	87.33	87.30
29	---	88.19	87.97	87.95	---	87.73	87.59	87.51	87.44	87.37	87.33	87.31
30	---	88.14	88.05	87.97	---	87.70	87.64	87.52	87.44	87.37	87.34	87.30
31	---	---	88.05	87.97	---	87.70	---	87.56	---	87.37	87.33	---
Max	---	---	88.17	88.07	87.97	87.88	87.73	87.65	87.53	87.45	87.37	87.34
Min	---	---	87.97	87.91	87.84	87.69	87.59	87.48	87.44	87.37	87.33	87.28

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