

Water-Data Report 2011

411751105312701 Local number 15-073-01dba01 Huntoon #1

Paleozoic aquifers
Casper Formation

Albany County, WY

LOCATION.--Lat 41°17'51", long 105°31'27" referenced to North American Datum of 1927, in NE ¼ NW ¼ SE ¼ sec.1, T.15 N., R.73 W., Albany County, WY, Hydrologic Unit 10180010.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 182 ft.

DATUM.--Land-surface datum is 6,500 ft above National Geodetic Vertical Datum of 1929. Measuring point: 0.9 ft above land-surface datum.

PERIOD OF RECORD.--1977 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, 104.45 ft below land surface, October 17, 1984; lowest, 133.15 ft below land surface, July 16, 2006.

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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	125.86	124.77	124.31	124.24	124.12	124.09	123.74	121.99	120.77	121.30	121.34	120.85
2	125.77	124.80	124.34	124.18	124.20	124.09	123.68	122.00	120.77	121.18	121.13	120.84
3	125.70	124.75	124.35	124.24	124.05	124.04	123.62	122.11	120.90	121.02	121.11	121.14
4	125.60	124.79	124.28	124.28	123.99	123.95	123.66	122.00	120.88	120.96	121.05	121.08
5	125.57	124.76	124.25	124.19	124.05	123.93	123.65	121.93	121.04	121.30	120.99	120.98
6	125.57	124.64	124.23	124.12	124.05	124.06	123.58	121.86	121.20	120.97	121.29	120.84
7	125.44	124.64	124.20	124.23	124.03	124.02	123.76	121.97	121.12	120.84	121.17	120.69
8	125.44	124.67	124.05	124.21	124.03	123.95	123.65	121.79	120.80	120.76	121.75	120.74
9	125.37	124.71	124.19	124.22	124.04	123.95	123.63	121.66	120.80	121.19	121.37	120.57
10	125.26	124.70	124.24	124.24	124.00	123.88	123.78	121.58	120.66	121.16	121.20	120.51
11	125.13	124.63	124.27	124.29	123.99	123.97	123.72	121.44	120.47	121.60	121.39	120.56
12	125.15	124.47	124.23	124.23	124.03	124.05	123.52	121.40	120.41	121.38	121.06	120.89
13	125.10	124.44	124.15	124.16	124.01	124.00	123.46	121.43	120.20	121.16	121.75	120.80
14	125.05	124.45	124.28	124.16	124.13	124.05	123.55	121.34	120.16	121.67	121.34	120.74
15	125.09	124.54	124.38	124.19	124.11	124.18	123.56	121.25	120.15	121.46	121.63	120.65
16	125.13	124.59	124.39	124.13	124.13	124.18	123.48	121.21	120.15	122.24	121.15	120.55
17	125.15	124.55	124.32	124.11	124.08	124.11	123.37	121.04	120.16	121.90	120.86	120.80
18	125.09	124.48	124.36	124.06	124.02	124.00	123.38	120.89	120.63	121.95	120.96	120.73
19	125.04	124.53	124.34	124.01	123.99	124.00	123.32	120.81	120.60	122.11	120.56	120.85
20	124.95	124.45	124.32	123.93	123.96	124.07	123.25	120.75	120.80	121.73	120.84	120.68
21	124.97	124.38	124.22	123.86	123.99	124.08	123.12	120.47	121.04	121.61	120.93	120.35
22	124.89	124.44	124.21	123.77	123.99	124.00	123.04	120.41	120.89	121.50	121.16	120.18
23	124.86	124.41	124.20	123.86	124.09	123.96	122.95	120.35	120.80	121.68	121.14	120.16
24	124.78	124.50	124.22	123.98	124.02	124.07	123.04	120.32	121.30	121.76	121.01	120.34
25	124.89	124.50	124.13	124.05	123.99	123.94	123.04	120.40	121.25	122.23	121.51	120.27
26	124.79	124.51	124.20	124.06	124.09	123.88	122.97	120.31	120.85	122.27	121.25	120.76
27	124.65	124.45	124.30	124.09	124.03	124.01	122.55	120.26	120.77	121.81	121.52	120.52
28	124.61	124.37	124.32	124.10	123.94	124.08	122.14	120.50	121.36	121.64	121.23	120.40
29	124.68	124.39	124.20	124.10	---	123.94	122.02	120.55	121.09	121.20	121.10	120.49
30	124.62	124.45	124.15	124.06	---	123.84	121.94	120.57	121.02	121.32	120.86	120.38
31	124.76	---	124.25	124.01	---	123.83	---	120.87	---	121.16	120.77	---
Max	125.86	124.80	124.39	124.29	124.20	124.18	123.78	122.11	121.36	122.27	121.75	121.14
Min	124.61	124.37	124.05	123.77	123.94	123.83	121.94	120.26	120.15	120.76	120.56	120.16

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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	120.50	---	---	---	---	---	116.78	116.57	116.37	---	---	---
2	120.44	---	---	---	---	---	116.71	116.68	116.28	---	---	---
3	120.60	---	---	---	---	117.10	116.63	116.63	116.39	---	---	---
4	120.54	---	---	---	---	117.12	116.84	116.55	116.73	---	---	---
5	120.29	---	---	---	---	117.17	116.70	116.52	116.77	---	---	---
6	---	---	---	---	---	117.00	116.73	116.44	116.97	---	---	---
7	---	---	---	---	---	116.84	116.59	116.41	116.94	---	---	---
8	---	---	---	---	---	116.86	116.60	116.39	116.97	---	---	---
9	---	---	---	---	---	117.10	116.63	116.37	116.97	---	---	---
10	---	---	---	---	---	117.04	116.61	116.34	117.39	---	---	---
11	---	---	---	---	---	117.04	116.85	116.58	117.39	---	---	---
12	---	---	---	---	---	117.06	116.79	116.57	117.68	---	---	---
13	---	---	---	---	---	117.06	116.68	116.63	117.85	---	---	---
14	---	---	---	---	---	117.10	116.61	116.55	117.73	---	---	---
15	---	---	---	---	---	117.06	116.75	116.47	---	---	---	---
16	---	---	---	---	---	116.91	116.70	116.33	---	---	---	---
17	---	---	---	---	---	116.94	116.58	116.23	---	---	---	---
18	---	---	---	---	---	117.04	116.50	116.19	---	---	---	---
19	---	---	---	---	---	116.88	116.50	116.14	---	---	---	---
20	---	---	---	---	---	116.92	116.59	116.20	---	---	---	---
21	---	---	---	---	---	116.78	116.48	116.20	---	---	---	---
22	---	---	---	---	---	116.76	116.48	116.21	---	---	---	---
23	---	---	---	---	---	116.87	116.59	116.23	---	---	---	---
24	---	---	---	---	---	116.77	116.55	116.14	---	---	---	---
25	---	---	---	---	---	116.75	116.40	116.23	---	---	---	---
26	---	---	---	---	---	116.75	116.35	116.13	---	---	---	---
27	---	---	---	---	---	116.71	116.48	116.09	---	---	---	---
28	---	---	---	---	---	116.75	116.46	115.97	---	---	---	---
29	---	---	---	---	---	116.88	116.29	115.86	---	---	---	---
30	---	---	---	---	---	116.78	116.42	115.94	---	---	---	---
31	---	---	---	---	---	116.76	---	116.28	---	---	---	---
Max	---	---	---	---	---	---	116.85	116.68	---	---	---	---
Min	---	---	---	---	---	---	116.29	115.86	---	---	---	---

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