GROUND-WATER LEVELS IN WYOMING, 1982 THROUGH SEPTEMBER 1991

By Hugh I. Kennedy and Sharon L. Green

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Cheyenne, Wyoming
1992
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iii
CONVERSION FACTORS

<table>
<thead>
<tr>
<th>Multiply</th>
<th>By</th>
<th>To obtain</th>
</tr>
</thead>
<tbody>
<tr>
<td>acre</td>
<td>0.4047</td>
<td>hectare</td>
</tr>
<tr>
<td>foot (ft)</td>
<td>0.3048</td>
<td>meter</td>
</tr>
<tr>
<td>mile (mi)</td>
<td>1.609</td>
<td>kilometer</td>
</tr>
<tr>
<td>pound per square inch (lb/sq in)</td>
<td>2.31</td>
<td>feet (head) of water</td>
</tr>
</tbody>
</table>
GROUND-WATER LEVELS IN WYOMING, 1982 THROUGH SEPTEMBER 1991

By Hugh I. Kennedy and Sharon L. Green

ABSTRACT

Ground-water levels are monitored in a network of 85 observation wells in Wyoming, mostly in areas where ground water is used in large quantities for irrigation or municipal purposes. The ground-water level program is conducted by the U.S. Geological Survey in cooperation with the Wyoming State Engineer. This report includes maps showing the locations of the selected wells, tables listing well history and highest and lowest water levels for the period of record, and hydrographs for 1982 through September 1991.

INTRODUCTION

Since 1940 the Geological Survey, in cooperation with city, State, and other Federal agencies, periodically has measured ground-water levels in a large number of wells in Wyoming. These observation wells primarily have been in areas where ground water is used in large quantities for irrigation or municipal purposes. The program currently is conducted by the U.S. Geological Survey in cooperation with the Wyoming State Engineer.

A more extensive program was started in 1972 in an effort to expand the ground-water-level data base throughout the State. Part of the expansion included the installation of continuous recorders on selected observation wells in the well network. During 1991 a continuous record of water levels was obtained from 65 wells equipped with float driven digital water-level recorders and 2 artesian wells equipped with pressure-sensing transducers and electronic data recorders. The remaining wells periodically were measured by hand using a steel drop tape.

Hydrographs for the 85 wells in the observation network are included in this report. The hydrographs were plotted using data from either continuous water-level records or periodic water-level measurements. The daily maximum water level was used in plotting hydrographs for those wells equipped with continuous recorders. These hydrographs depict annual water-level fluctuations and water-level trends during 1982-91. If more precise water levels are needed, tabulations of actual water-level measurements (recorded to the nearest one-hundredth of a foot) are available from the U.S. Geological Survey, 2617 East Lincolnway, Suite B, Cheyenne, Wyoming 82001 (telephone 307/772-2153).

PRESENTATION OF DATA

The data are presented alphabetically by county. Locations of counties are shown in figure 1. Records of observation wells for each county are listed in a table that is preceded by a map showing the locations of the wells in that county (figs. 2-16). Hydrographs for wells for 1982 through September 1991 or for the period of record, if less than 10 years, succeed the table for each county.

Numbering System for Wells

The locations of most wells in this report are based on the Federal system of land subdivision. The first number denotes the township north of the 40th Parallel Base Line, the second number denotes the range west of the Sixth Principal Meridian, and the third number denotes the section. A section is divided into quarters of 160 acres each; each quarter is designated a, b, c, or d in a counterclockwise direction, beginning in the northeast quarter. Each quarter is divided into quarters of 40 acres each and again into quarters (10-acre tracts). Alphabetical designations are also assigned to the subsequent subdivisions. A numeral appearing after the letters distinguishes that well from other numbered wells within the same 10-acre tract.

The following illustration shows the location of well 12-60-07dd01 in Laramie County:
Figure 1.--Counties of Wyoming.
Observation wells on the Wind River Indian Reservation and adjacent area in Fremont County (fig. 8) are similarly located; however, they are in a land subdivision that is referenced as the Wind River Base Line and Meridian (McGreevy and others, 1969). Wells within this system may be in the northeast, northwest, southwest, or southeast quadrants of this base-line and meridian net. Well numbers in this land net have uppercase-letter prefixes that designate the quadrants; A designates the northeast quadrant, B the northwest, C the southwest, and D the southeast.

The following illustration shows the location of well A1-04-28acc01 in Fremont County:
The latitude, longitude, and sequence number (found in the upper right-hand corner of the hydrograph for each well) is an identification number assigned according to the grid system of latitude and longitude. The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude, the next seven digits denote the degrees, minutes, and seconds of longitude, and the last two digits identify the well within a 1-second grid.

**Explanation of Column Headings for Tables of Well Records**

**Well number:** See text for description of the well-numbering system.

**Well depth:** Depth of well, in feet below land surface. Dashes indicate the depth is not known.

**Use of water:** H, domestic; I, irrigation; P, municipal; S, stock; U, unused. Dashes indicate the use of water is not known.

**Geologic source:** The geologic source codes are from the Water Data Storage and Retrieval System (WATSTORE) of the U.S. Geological Survey and may not follow the current usage of the U.S. Geological Survey. Dashes indicate the geologic source is not known.

<table>
<thead>
<tr>
<th>Principal geologic source</th>
<th>Geologic unit and age</th>
</tr>
</thead>
<tbody>
<tr>
<td>111ALVM</td>
<td>Alluvium; Holocene</td>
</tr>
<tr>
<td>111TRRC</td>
<td>Terrace deposits; Holocene</td>
</tr>
<tr>
<td>121NRPK</td>
<td>North Park Formation; Pliocene</td>
</tr>
<tr>
<td>121OGLL</td>
<td>Ogallala Formation; Pliocene</td>
</tr>
<tr>
<td>122ARKR</td>
<td>Arikaree Formation; Miocene</td>
</tr>
<tr>
<td>123BRUL</td>
<td>Brule Formation; Oligocene</td>
</tr>
<tr>
<td>123WRVR</td>
<td>White River Formation or Group; Oligocene</td>
</tr>
<tr>
<td>124WDRV</td>
<td>Wind River Formation; Eocene</td>
</tr>
<tr>
<td>124WSTC</td>
<td>Wasatch Formation; Eocene</td>
</tr>
<tr>
<td>125LEBO</td>
<td>Lebo Member of Fort Union Formation; Paleocene</td>
</tr>
<tr>
<td>211FXHL</td>
<td>Fox Hills Sandstone; Late Cretaceous</td>
</tr>
<tr>
<td>217LKOT</td>
<td>Lakota Formation; Early Cretaceous</td>
</tr>
<tr>
<td>311PRKC</td>
<td>Park City Formation; Permian</td>
</tr>
<tr>
<td>317CSPR</td>
<td>Casper Formation; Early Permian and Middle and</td>
</tr>
<tr>
<td></td>
<td>Late Pennsylvanian</td>
</tr>
<tr>
<td>317MNLS</td>
<td>Minnelusa Formation; Early Permian and Permian</td>
</tr>
<tr>
<td></td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>317TSLP</td>
<td>Tensleep Sandstone; Early Permian and Middle and</td>
</tr>
<tr>
<td></td>
<td>Late Pennsylvanian</td>
</tr>
<tr>
<td>331MDSN</td>
<td>Madison Limestone; Early and Late Mississippian</td>
</tr>
<tr>
<td>337PHSP</td>
<td>Pahasapa Limestone; Early Mississippian</td>
</tr>
<tr>
<td>374FLTD</td>
<td>Flathead Sandstone; Middle Cambrian</td>
</tr>
</tbody>
</table>
Record available: Years for which water-level measurements are available.

Water levels: The highest and lowest water levels are for the period of record and reflect the static water level unless otherwise footnoted.

Explanation of Hydrographs

Water-level data obtained by continuous water-level recorders. Missing sections of lines are periods of no data.

Individual water-level measurements. Dashed line represents periods of no data between measurements.

Local reference name is shown at the bottom of the hydrograph. Also any additional information is shown at the bottom of the hydrograph.
REFERENCES CITED


GROUND-WATER LEVELS BY COUNTY
Figure 2.—Location of observation wells in Albany County, Wyoming.
Records of observation wells in Albany County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level</th>
<th>Lowest Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-73-01dba01</td>
<td>182</td>
<td>S</td>
<td>317CSPR</td>
<td>1977-91</td>
<td>104.45</td>
<td>129.80</td>
</tr>
<tr>
<td>15-73-12dbb01</td>
<td>243</td>
<td>S</td>
<td>317CSPR</td>
<td>1978-91</td>
<td>59.84</td>
<td>85.56</td>
</tr>
</tbody>
</table>

1 From hand-measured data.
Figure 3.—Location of observation well in Big Horn County, Wyoming.
Record of observation well in Big Horn County, Wyoming, and highest and lowest recorded water levels, in feet above land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level (feet)</th>
<th>Month-Year</th>
<th>Lowest Level (feet)</th>
<th>Month-Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-91-12dba01</td>
<td>4,210</td>
<td>H</td>
<td>331MDSN</td>
<td>1988-91</td>
<td>409.50</td>
<td>03-88</td>
<td>335.12</td>
<td>08-91</td>
</tr>
</tbody>
</table>

1 Artesian well, water level is shut-in pressure converted to feet above land surface by multiplying pounds per square inch times 2.31.
Worland-1 Artesian well, vertical axis is feet above land surface.
EXPLANATION

- **R.** OBSERVATION WELL
- **R.** WITH RECORDER

---

Figure 4.—Location of observation wells in Campbell County, Wyoming.
Records of observation wells in Campbell County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Water levels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Highest</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Level</td>
</tr>
<tr>
<td>42-71-35aaa01</td>
<td>399</td>
<td>U</td>
<td>124WSTC</td>
<td>1988-91</td>
<td>135.13</td>
</tr>
<tr>
<td>48-72-36bba01</td>
<td>380</td>
<td>U</td>
<td>124WSTC</td>
<td>1988-91</td>
<td>143.34</td>
</tr>
<tr>
<td>49-70-31bbb01</td>
<td>3,754</td>
<td>U</td>
<td>211FXHL</td>
<td>1983-91</td>
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<td>50-72-20cab01</td>
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<td>125LEBO</td>
<td>1985-91</td>
<td>712.08</td>
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<tr>
<td>50-72-21aba01</td>
<td>320</td>
<td>P</td>
<td>124WSTC</td>
<td>1983-91</td>
<td>65.21</td>
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</tbody>
</table>
CAMPBELL COUNTY

Gillette H-13
Figure 5.—Location of observation wells in Carbon County, Wyoming.
Records of observation wells in Carbon County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level (feet)</th>
<th>Month-Year</th>
<th>Lowest Level (feet)</th>
<th>Month-Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-83-03cba01</td>
<td>58</td>
<td>I</td>
<td>121NRPK</td>
<td>1980-91</td>
<td>8.77</td>
<td>05-84</td>
<td>16.40</td>
<td>09-82</td>
</tr>
<tr>
<td>28-87-16cca01</td>
<td>812</td>
<td>U</td>
<td>122ARKR</td>
<td>1981-91</td>
<td>162.80</td>
<td>05-84</td>
<td>182.66</td>
<td>10-81</td>
</tr>
</tbody>
</table>

1 Nearby well being pumped.
CARBON COUNTY

WATER LEVEL, FEET BELOW LAND SURFACE

28-87-16cca01

422338107145001

165.5 166.0 166.5 167.0 167.5 168.0 168.5 169.0 169.5 170.0


Split Rock #2
Figure 6.—Location of observation wells in Converse County, Wyoming.
Records of observation wells in Converse County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level (feet)</th>
<th>Month-Year</th>
<th>Lowest Level (feet)</th>
<th>Month-Year</th>
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<tr>
<td>32-73-16cdb01</td>
<td>220</td>
<td>U</td>
<td>317CSPR</td>
<td>1986-91</td>
<td>46.12</td>
<td>07-91</td>
<td>59.12</td>
<td>02-87</td>
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<tr>
<td>32-74-08dbc01</td>
<td>100</td>
<td>U</td>
<td>331MDSN</td>
<td>1980-91</td>
<td>5.51</td>
<td>05-83</td>
<td>58.50</td>
<td>09-82</td>
</tr>
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<td>35-71-23ccd01</td>
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<td>211FXHL</td>
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<td>707.00</td>
<td>09-86</td>
<td>710.72</td>
<td>09-91</td>
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<tr>
<td>37-70-10cbb01</td>
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<td>18.85</td>
<td>04-87</td>
<td>25.38</td>
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</table>
CONVERSE COUNTY

Natural Bridge East Well

WATER LEVEL, IN FEET BELOW LAND SURFACE


32-73-16cdb01

424420105364201
Figure 7.--Location of observation wells in Crook County, Wyoming.
Records of observation wells in Crook County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level (feet)</th>
<th>Month-year</th>
<th>Lowest Level (feet)</th>
<th>Month-year</th>
</tr>
</thead>
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<td>331MDSN</td>
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<td>388.66</td>
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<td>1939.60</td>
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<tr>
<td>52-63-25dcd01</td>
<td>1,123</td>
<td>P</td>
<td>331MDSN</td>
<td>1982-84, 1985-91</td>
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<td>02-91</td>
<td>1521.88</td>
<td>08-90</td>
</tr>
<tr>
<td>52-63-25dcd02</td>
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<td>P</td>
<td>331MDSN</td>
<td>1984-85, 1987-90</td>
<td>1408.35</td>
<td>01-89, 03-89</td>
<td>1583.37</td>
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<td>53-65-18bbd02</td>
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<td>337PHSP</td>
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<td>157.97</td>
<td>04-91</td>
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<td>U</td>
<td>331MDSN</td>
<td>1982-91</td>
<td>151.65</td>
<td>11-84</td>
<td>162.36</td>
<td>09-91</td>
</tr>
<tr>
<td>56-67-28aab02</td>
<td>2,240</td>
<td>U</td>
<td>331MNLS</td>
<td>1983-91</td>
<td>128.18</td>
<td>05-87</td>
<td>143.15</td>
<td>09-91</td>
</tr>
</tbody>
</table>

1 From hand-measured data.
Gillette Madison M-8
Data reflect static and pumping water levels.
Cole #3A
Data reflect static and pumping water levels.
CROOK COUNTY

WATER LEVEL, IN FEET BELOW LAND SURFACE

Cole #3B
Data reflect static and pumping water levels.
WATER LEVEL, IN FEET BELOW LAND SURFACE

CROOK COUNTY

56-67-28aab01

150 152 154 156 158 160 162 164


Cole #41 Madison
Figure 8.—Location of observation well in Fremont County, Wyoming.
Records of observation well in Fremont County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Water levels</th>
<th>Lowest Level (feet)</th>
<th>Month-year</th>
<th>Highest Level (feet)</th>
<th>Month-year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Al-04-28acc01</td>
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<td>U</td>
<td>124WDRV</td>
<td>1983-91</td>
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<td>114.22</td>
<td>10-87</td>
<td>139.45</td>
<td>06-89</td>
</tr>
</tbody>
</table>

1 From hand-measured data.
WATER LEVEL, IN FEET BELOW LAND SURFACE

FREMONT COUNTY

A1-04-28acc01

430205108243201

110
115
120
125
130
135
140
145


Brentwood
Figure 9.--Location of observation wells in Goshen County, Wyoming.
Records of observation wells in Goshen County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level (feet)</th>
<th>Month-year</th>
<th>Lowest Level (feet)</th>
<th>Month-year</th>
</tr>
</thead>
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<td>U</td>
<td>123BRUL</td>
<td>1980-91</td>
<td>8.56</td>
<td>06-83</td>
<td>15.64</td>
<td>09-89</td>
</tr>
<tr>
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<td>U</td>
<td>123BRUL</td>
<td>1978-91</td>
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<td>06-83</td>
<td>161.25</td>
<td>07-78</td>
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<td>20-61-03dad01</td>
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<td>123WRVR</td>
<td>1980-91</td>
<td>16.85</td>
<td>06-83</td>
<td>25.74</td>
<td>01-90</td>
</tr>
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<td>20-61-23bdb02</td>
<td>70</td>
<td>U</td>
<td>123BRUL</td>
<td>1978-91</td>
<td>2.10</td>
<td>04-84</td>
<td>126.74</td>
<td>09-78</td>
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<td>U</td>
<td>111ALVM</td>
<td>1972-91</td>
<td>9.89</td>
<td>05-87</td>
<td>132.59</td>
<td>09-78</td>
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<td>28-61-02ccd01</td>
<td>255</td>
<td>U</td>
<td>122ARKR</td>
<td>1986-91</td>
<td>161.31</td>
<td>05-86</td>
<td>165.07</td>
<td>09-91</td>
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<td>28-61-06aba01</td>
<td>220</td>
<td>U</td>
<td>122ARKR</td>
<td>1979-91</td>
<td>127.23</td>
<td>05-79</td>
<td>134.52</td>
<td>09-91</td>
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<td>220</td>
<td>U</td>
<td>122ARKR</td>
<td>1980-91</td>
<td>124.50</td>
<td>01-81</td>
<td>127.74</td>
<td>03-91</td>
</tr>
<tr>
<td>29-61-23abb01</td>
<td>300</td>
<td>U</td>
<td>122ARKR</td>
<td>1979-91</td>
<td>198.29</td>
<td>06-87</td>
<td>212.96</td>
<td>09-91</td>
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<td>29-61-26cbb01</td>
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<td>1980-91</td>
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<td>1981-91</td>
<td>80.61</td>
<td>05-81</td>
<td>85.79</td>
<td>11-90</td>
</tr>
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</table>

1 From hand-measured data.
WATER LEVEL, IN FEET BELOW LAND SURFACE

GOSHEN COUNTY

LaGrange #2
WATER LEVEL, IN FEET BELOW LAND SURFACE

GOSHEN COUNTY

29-61-17a901

124  125  126  127  128


Prairie Center #4
Goshen County #1
Data affected by poor hydraulic connection between aquifer and well.
Prairie Center #5

Water level, in feet below land surface

GOSHEN COUNTY
Figure 10.—Location of observation wells in Hot Springs County, Wyoming.
Records of observation wells in Hot Springs County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level (feet)</th>
<th>Month-Year</th>
<th>Lowest Level (feet)</th>
<th>Month-Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>43-95-18cab01</td>
<td>354</td>
<td>U</td>
<td>317TSLP</td>
<td>1983-91</td>
<td>243.79</td>
<td>02-87</td>
<td>253.74</td>
<td>09-83</td>
</tr>
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<td>43-95-25cdc01</td>
<td>228</td>
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<td>311PRKC</td>
<td>1983-91</td>
<td>107.91</td>
<td>04-87</td>
<td>116.11</td>
<td>09-85</td>
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</table>
Figure 11.—Location of observation wells in Laramie County, Wyoming.
Records of observation wells in Laramie County, Wyoming, and highest and lowest recorded water levels, in feet below land surface—Continued.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level (feet)</th>
<th>Month - year</th>
<th>Lowest Level (feet)</th>
<th>Month - year</th>
</tr>
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<tbody>
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<td>15-68-27ccc01</td>
<td>300</td>
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<td>09-86</td>
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<td>1983-91</td>
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<td>150.42</td>
<td>03-91</td>
</tr>
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</table>

1 From hand-measured data.
WATER LEVEL, IN FEET BELOW LAND SURFACE

LARAMIE COUNTY

12-60-07dd01


16  18  20  22  24  26  28
LARAMIE COUNTY

12-62-13baa01

410100104160301

o

50

q 55

I   J

w

60

t  J

s

65


USGS southeast of Carpenter

WATER LEVEL, IN FEET BELOW LAND SURFACE
WATER LEVEL, IN FEET BELOW LAND SURFACE

13-68-13ccc01

LARAMIE COUNTY

410530104574001


55 60 65 70 75 80 85 90

WATER LEVEL, IN FEET BELOW LAND SURFACE
Laramie County

WATER LEVEL, IN FEET BELOW LAND SURFACE

Laramie County #3
WATER LEVEL, IN FEET BELOW LAND SURFACE

LARAMIE COUNTY

14-64-19bce01

156 157 158 159 160


Laramie County #9

WATER LEVEL, IN FEET BELOW LAND SURFACE
LARAMIE COUNTY

WATER LEVEL, IN FEET BELOW LAND SURFACE

14-66-23dd01

410940104435701

Laramie County #15
LARAMIE COUNTY

WATER LEVEL, IN FEET BELOW LAND SURFACE


Laramie County #10
LARAMIE COUNTY

WATER LEVEL, IN FEET BELOW LAND SURFACE

14-67-27bac01 410930104524701

Laramie County #13
WATER LEVEL, IN FEET BELOW LAND SURFACE

LARAMIE COUNTY


90  95  100  105  110  115

14-68-35ddc02

King #3
Laramie County

WATER LEVEL, IN FEET BELOW LAND SURFACE


Laramie County #4
WATER LEVEL, IN FEET BELOW LAND SURFACE

LARAMIE COUNTY

16-60-07bb02

147.0 147.5 148.0 148.5 149.0 149.5 150.0


USGS southwest of Albin

WATER LEVEL, IN FEET BELOW LAND SURFACE
WATER LEVEL, IN FEET BELOW LAND SURFACE

LARAMIE COUNTY

16061-17aaa01


Laramie County #5

USGS south of Albin
Well flushed in March 1991 to improve connection between aquifer and well.
Figure 12.—Location of observation wells in Niobrara County, Wyoming.
Records of observation wells in Niobrara County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Water levels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td>Highest</td>
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<tr>
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<td>Lowest</td>
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<td>1979-91</td>
<td>92.26</td>
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</table>

1 From hand-measured data.
WATER LEVEL, IN FEET BELOW LAND SURFACE:

NIORARA COUNTY


ETS 0–2

96
Figure 13. Location of observation wells in Platte County, Wyoming.
Records of observation wells in Platte County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Water levels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>Highest</td>
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<td>Level</td>
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<td>Month-year</td>
</tr>
<tr>
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</table>

1 From hand-measured data.
WATER LEVEL, IN FEET BELOW LAND SURFACE

PLATTE COUNTY

WATER LEVEL, IN FEET BELOW LAND SURFACE
Platte County #2
WATER LEVEL, IN FEET BELOW LAND SURFACE

PLATTE COUNTY

25-68-12dda01

420859104565001


Platte County #4
Platte County #6
Record questionable prior to April 1991. Data affected by poor hydraulic connection between aquifer and well.
Platte County #3
Record questionable prior to April 1988. Data affected by poor hydraulic connection between aquifer and well.
PLATTE COUNTY

WATER LEVEL, IN FEET BELOW LAND SURFACE


Platte County #7
PLAITE COUNTY

WATER LEVEL IN FEET BELOW LAND SURFACE

26-68-12bd01

E. Rutherford

109
PLATTE COUNTY

WATER LEVEL, IN FEET BELOW LAND SURFACE

26-68-36bbb01

421128104575801

Platte County #5
Figure 14.—Location of observation wells in Sweetwater County, Wyoming.
Records of observation wells in Sweetwater County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Water levels</th>
<th>Water levels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Highest Level</td>
<td>Month-year</td>
</tr>
<tr>
<td>18-106-16ada01</td>
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<td>1984-91</td>
<td>54.97</td>
<td>09-91</td>
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</tbody>
</table>
SWEETWATER COUNTY

Green River Oil Shale

WATER LEVEL, IN FEET BELOW LAND SURFACE

SWEETWATER COUNTY

WATER LEVEL, IN FEET BELOW LAND SURFACE

Rock Springs Golf Course
Figure 15.—Location of observation well in Washakie County, Wyoming.
Record of observation well in Washakie County, Wyoming, and highest and lowest recorded water levels, in feet above land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level (feet)</th>
<th>Highest Month-year</th>
<th>Lowest Level (feet)</th>
<th>Lowest Month-year</th>
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<td>1612.20</td>
<td>04-88</td>
<td>11.90</td>
<td>10-89</td>
</tr>
</tbody>
</table>

1 Artesian well, water level is shut-in pressure converted to feet above land surface by multiplying pounds per square inch times 2.31.
Mills
Artesian well, vertical axis is feet above land surface.
Figure 16.—Location of observation wells in Weston County, Wyoming.
Records of observation wells in Weston County, Wyoming, and highest and lowest recorded water levels, in feet below land surface.

<table>
<thead>
<tr>
<th>Well number</th>
<th>Well depth (feet)</th>
<th>Use of water</th>
<th>Principal geologic source</th>
<th>Record available (year)</th>
<th>Highest Level (feet)</th>
<th>Month-year</th>
<th>Lowest Level (feet)</th>
<th>Month-year</th>
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</thead>
<tbody>
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<td>44-63-26cac01</td>
<td>6,881</td>
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<td>1155.89</td>
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<td>1,2204.10</td>
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<td>46-66-25dbb01</td>
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<td>331MDSN</td>
<td>1982-91</td>
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</tbody>
</table>

1 From hand-measured data.
2 Well being pumped.
Townsend Well
Data reflect static and pumping water levels.
Terra Resources Madison
Data reflect static condition and pumping of water-flood system nearby.
Town of Upton #6
Data reflect static and pumping water levels.
Town of Upton #4
Data reflect static and pumping water levels.