

Water-Data Report 2012

**404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.**

Undefined Basin

LOCATION.--Lat 40°48'23.6", long 96°38'00.2" referenced to North American Datum of 1983, Lancaster County, NE, Hydrologic Unit is unknown, on left bank 300 ft north of Mesaverde Drive in Lincoln.

DRAINAGE AREA.--0.14 mi<sup>2</sup>

**WATER-QUALITY RECORDS**

PERIOD OF DAILY RECORD.--Seasonal deployment from July 2008 to Nov 28, 2011.

INSTRUMENTATION.--Seasonal deployment of a continuous water-quality monitor. Measured parameters include water temperature, specific conductance, dissolved oxygen, and turbidity. Turbidity measurements conform to ISO 7027 standards and were made using a Yellow Springs International (YSI) 6136 sensor. Dissolved oxygen data were collected using a luminescent sensor. An autosampler, stage sensor, and velocimeter are also maintained at the site by the University of Nebraska.

REMARKS.--Water-quality data during the winter period were affected by ice-induced backwater that resulted in substantial vertical stratification in the pool being monitored. Though the winter data represent a point within the pool, they may not represent the full channel and are thus considered to be of poor quality. All parameters were rated as excellent for FY 12.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 20.2°C, Oct 8, 2011; minimum, 3.8 °C, Nov 2, 2011.

SPECIFIC CONDUCTANCE: Maximum, 2060 µS/cm, Oct 22, 2011; minimum, 41 µS/cm, Oct 12, 2011.

TURBIDITY: Maximum, 440 FNU, on Oct 12, 2011; minimum, 0.1 FNU, on various days.

DISSOLVED OXYGEN: Maximum, 13.9 mg/L, November 2, 2011; minimum, 0.5 mg/L, Oct 9, 2011

## 404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

**DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

| Day          | Max     | Min | Mean | Max      | Min | Mean | Max      | Min | Mean | Max     | Min | Mean |
|--------------|---------|-----|------|----------|-----|------|----------|-----|------|---------|-----|------|
|              | October |     |      | November |     |      | December |     |      | January |     |      |
| <b>1</b>     | 7.3     | 1.9 | 4.9  | 8.4      | 3.6 | 5.6  | ---      | --- | ---  | ---     | --- | ---  |
| <b>2</b>     | 6.6     | 1.6 | 4.2  | 13.9     | 3.8 | 7.9  | ---      | --- | ---  | ---     | --- | ---  |
| <b>3</b>     | 6.4     | 2.1 | 4.4  | 7.6      | 5.4 | 6.5  | ---      | --- | ---  | ---     | --- | ---  |
| <b>4</b>     | 6.6     | 1.8 | 4.2  | 7.6      | 5.2 | 6.3  | ---      | --- | ---  | ---     | --- | ---  |
| <b>5</b>     | 5.8     | 1.2 | 3.2  | 7.0      | 4.1 | 5.6  | ---      | --- | ---  | ---     | --- | ---  |
| <b>6</b>     | 5.0     | 1.2 | 3.1  | 6.7      | 3.2 | 4.8  | ---      | --- | ---  | ---     | --- | ---  |
| <b>7</b>     | 5.1     | 1.6 | 3.3  | 11.9     | 4.3 | 7.2  | ---      | --- | ---  | ---     | --- | ---  |
| <b>8</b>     | 5.0     | 1.6 | 3.0  | 11.4     | 5.6 | 7.6  | ---      | --- | ---  | ---     | --- | ---  |
| <b>9</b>     | 7.5     | 0.5 | 2.0  | 8.7      | 6.0 | 7.3  | ---      | --- | ---  | ---     | --- | ---  |
| <b>10</b>    | 7.5     | 0.8 | 3.3  | 8.8      | 6.3 | 7.3  | ---      | --- | ---  | ---     | --- | ---  |
| <b>11</b>    | 3.3     | 1.0 | 2.0  | 7.9      | 5.3 | 6.7  | ---      | --- | ---  | ---     | --- | ---  |
| <b>12</b>    | 8.1     | 1.0 | 3.2  | 8.2      | 5.2 | 6.3  | ---      | --- | ---  | ---     | --- | ---  |
| <b>13</b>    | 4.9     | 1.9 | 3.3  | 8.5      | 4.9 | 6.1  | ---      | --- | ---  | ---     | --- | ---  |
| <b>14</b>    | 7.0     | 2.7 | 4.2  | 8.1      | 4.4 | 5.8  | ---      | --- | ---  | ---     | --- | ---  |
| <b>15</b>    | 6.6     | 3.2 | 4.5  | 8.3      | 5.4 | 6.3  | ---      | --- | ---  | ---     | --- | ---  |
| <b>16</b>    | 7.5     | 3.4 | 4.6  | 9.6      | 6.4 | 7.8  | ---      | --- | ---  | ---     | --- | ---  |
| <b>17</b>    | 6.9     | 4.1 | 5.2  | 9.5      | 7.1 | 7.9  | ---      | --- | ---  | ---     | --- | ---  |
| <b>18</b>    | 8.1     | 4.7 | 5.8  | 8.4      | 5.6 | 7.0  | ---      | --- | ---  | ---     | --- | ---  |
| <b>19</b>    | 9.6     | 4.9 | 6.8  | 8.0      | 5.7 | 6.7  | ---      | --- | ---  | ---     | --- | ---  |
| <b>20</b>    | 9.2     | 5.2 | 6.8  | 10.5     | 7.3 | 8.5  | ---      | --- | ---  | ---     | --- | ---  |
| <b>21</b>    | 8.9     | 2.7 | 5.7  | 9.9      | 7.1 | 8.3  | ---      | --- | ---  | ---     | --- | ---  |
| <b>22</b>    | 6.8     | 2.5 | 4.8  | 9.0      | 6.5 | 7.5  | ---      | --- | ---  | ---     | --- | ---  |
| <b>23</b>    | 6.0     | 1.9 | 4.2  | 9.3      | 6.0 | 7.5  | ---      | --- | ---  | ---     | --- | ---  |
| <b>24</b>    | 7.3     | 2.6 | 4.7  | 9.3      | 5.3 | 6.8  | ---      | --- | ---  | ---     | --- | ---  |
| <b>25</b>    | 6.6     | 2.6 | 4.5  | 7.2      | 4.2 | 5.8  | ---      | --- | ---  | ---     | --- | ---  |
| <b>26</b>    | 7.7     | 4.2 | 5.7  | 9.5      | 4.1 | 6.4  | ---      | --- | ---  | ---     | --- | ---  |
| <b>27</b>    | 8.8     | 4.9 | 6.3  | 12.0     | 6.6 | 8.1  | ---      | --- | ---  | ---     | --- | ---  |
| <b>28</b>    | 8.9     | 5.1 | 6.6  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |
| <b>29</b>    | 9.4     | 3.4 | 6.7  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |
| <b>30</b>    | 10.5    | 4.3 | 6.7  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |
| <b>31</b>    | 10.3    | 3.9 | 6.7  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |
| <b>Month</b> | 10.5    | 0.5 | 4.7  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |

404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

| Day   | Max      | Min | Mean | Max   | Min | Mean | Max   | Min | Mean | Max | Min | Mean |
|-------|----------|-----|------|-------|-----|------|-------|-----|------|-----|-----|------|
|       | February |     |      | March |     |      | April |     |      | May |     |      |
| 1     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 2     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 3     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 4     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 5     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 6     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 7     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 8     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 9     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 10    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 11    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 12    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 13    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 14    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 15    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 16    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 17    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 18    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 19    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 20    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 21    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 22    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 23    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 24    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 25    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 26    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 27    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 28    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 29    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 30    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 31    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| Month | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |

404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

| Day   | Max  | Min | Mean | Max  | Min | Mean | Max    | Min | Mean | Max       | Min | Mean |
|-------|------|-----|------|------|-----|------|--------|-----|------|-----------|-----|------|
|       | June |     |      | July |     |      | August |     |      | September |     |      |
| 1     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 2     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 3     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 4     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 5     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 6     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 7     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 8     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 9     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 10    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 11    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 12    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 13    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 14    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 15    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 16    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 17    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 18    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 19    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 20    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 21    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 22    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 23    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 24    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 25    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 26    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 27    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 28    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 29    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 30    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 31    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| Month | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |

## 404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

| Day   | Max     | Min   | Mean  | Max      | Min   | Mean  | Max      | Min | Mean | Max     | Min | Mean |
|-------|---------|-------|-------|----------|-------|-------|----------|-----|------|---------|-----|------|
|       | October |       |       | November |       |       | December |     |      | January |     |      |
| 1     | 1,120   | 957   | 1,040 | 1,130    | 974   | 1,080 | ---      | --- | ---  | ---     | --- | ---  |
| 2     | 1,170   | 932   | 1,090 | 1,130    | 71    | 700   | ---      | --- | ---  | ---     | --- | ---  |
| 3     | 1,140   | 996   | 1,080 | 1,120    | 865   | 1,080 | ---      | --- | ---  | ---     | --- | ---  |
| 4     | ---     | ---   | ---   | 1,130    | 1,090 | 1,120 | ---      | --- | ---  | ---     | --- | ---  |
| 5     | ---     | ---   | ---   | 1,130    | 1,080 | 1,120 | ---      | --- | ---  | ---     | --- | ---  |
| 6     | 1,100   | 1,010 | 1,060 | 1,140    | 1,100 | 1,130 | ---      | --- | ---  | ---     | --- | ---  |
| 7     | 1,200   | 995   | 1,070 | 1,140    | 52    | 833   | ---      | --- | ---  | ---     | --- | ---  |
| 8     | 1,110   | 308   | 976   | 1,140    | 150   | 799   | ---      | --- | ---  | ---     | --- | ---  |
| 9     | 1,080   | 99    | 811   | 1,150    | 1,140 | 1,150 | ---      | --- | ---  | ---     | --- | ---  |
| 10    | 1,140   | 107   | 704   | 1,150    | 1,140 | 1,150 | ---      | --- | ---  | ---     | --- | ---  |
| 11    | 1,160   | 987   | 1,090 | 1,150    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 12    | 1,160   | 41    | 845   | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 13    | 1,120   | 1,020 | 1,080 | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 14    | 1,130   | 1,050 | 1,110 | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 15    | 1,120   | 1,000 | 1,080 | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 16    | 1,120   | 1,040 | 1,100 | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 17    | 1,120   | 989   | 1,090 | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 18    | 1,130   | 1,010 | 1,080 | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 19    | 1,140   | 1,040 | 1,100 | 1,140    | 1,140 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 20    | 1,140   | 1,050 | 1,110 | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 21    | 1,430   | 1,000 | 1,160 | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 22    | 2,060   | 948   | 1,220 | 1,140    | 1,120 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 23    | 1,280   | 1,040 | 1,120 | 1,140    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 24    | 1,130   | 1,040 | 1,100 | 1,160    | 1,130 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 25    | 1,130   | 990   | 1,080 | 1,140    | 1,110 | 1,130 | ---      | --- | ---  | ---     | --- | ---  |
| 26    | 1,130   | 1,030 | 1,090 | 1,150    | 1,120 | 1,140 | ---      | --- | ---  | ---     | --- | ---  |
| 27    | 1,130   | 1,010 | 1,090 | 1,150    | 1,140 | 1,150 | ---      | --- | ---  | ---     | --- | ---  |
| 28    | 1,130   | 1,010 | 1,100 | ---      | ---   | ---   | ---      | --- | ---  | ---     | --- | ---  |
| 29    | 1,130   | 1,020 | 1,090 | ---      | ---   | ---   | ---      | --- | ---  | ---     | --- | ---  |
| 30    | 1,130   | 1,090 | 1,110 | ---      | ---   | ---   | ---      | --- | ---  | ---     | --- | ---  |
| 31    | 1,130   | 1,070 | 1,120 | ---      | ---   | ---   | ---      | --- | ---  | ---     | --- | ---  |
| Month | ---     | ---   | ---   | ---      | ---   | ---   | ---      | --- | ---  | ---     | --- | ---  |

404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

| Day   | Max      | Min | Mean | Max   | Min | Mean | Max   | Min | Mean | Max | Min | Mean |
|-------|----------|-----|------|-------|-----|------|-------|-----|------|-----|-----|------|
|       | February |     |      | March |     |      | April |     |      | May |     |      |
| 1     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 2     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 3     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 4     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 5     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 6     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 7     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 8     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 9     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 10    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 11    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 12    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 13    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 14    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 15    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 16    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 17    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 18    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 19    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 20    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 21    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 22    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 23    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 24    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 25    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 26    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 27    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 28    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 29    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 30    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 31    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| Month | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |

404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

| Day   | Max  | Min | Mean | Max  | Min | Mean | Max    | Min | Mean | Max       | Min | Mean |
|-------|------|-----|------|------|-----|------|--------|-----|------|-----------|-----|------|
|       | June |     |      | July |     |      | August |     |      | September |     |      |
| 1     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 2     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 3     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 4     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 5     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 6     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 7     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 8     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 9     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 10    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 11    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 12    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 13    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 14    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 15    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 16    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 17    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 18    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 19    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 20    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 21    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 22    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 23    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 24    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 25    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 26    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 27    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 28    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 29    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 30    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 31    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| Month | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |

## 404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

| Day   | Max     | Min | Mean | Max      | Min | Mean | Max      | Min | Mean | Max     | Min | Mean |
|-------|---------|-----|------|----------|-----|------|----------|-----|------|---------|-----|------|
|       | October |     |      | November |     |      | December |     |      | January |     |      |
| 1     | 2.8     | 0.6 | 1.1  | 1.8      | 0.2 | 0.6  | ---      | --- | ---  | ---     | --- | ---  |
| 2     | 7.9     | 0.6 | 1.4  | 140      | 0.1 | 18   | ---      | --- | ---  | ---     | --- | ---  |
| 3     | 34      | 0.7 | 3.6  | 5.0      | 0.1 | 0.8  | ---      | --- | ---  | ---     | --- | ---  |
| 4     | 5.8     | 0.5 | 1.3  | 1.1      | 0.1 | 0.2  | ---      | --- | ---  | ---     | --- | ---  |
| 5     | 8.6     | 0.6 | 2.2  | 0.9      | 0.1 | 0.2  | ---      | --- | ---  | ---     | --- | ---  |
| 6     | 1.0     | 0.3 | 0.6  | 0.4      | 0.1 | 0.1  | ---      | --- | ---  | ---     | --- | ---  |
| 7     | 19      | 0.3 | 1.6  | 76       | 0.1 | 8.9  | ---      | --- | ---  | ---     | --- | ---  |
| 8     | 130     | 0.6 | 8.0  | 37       | 1.5 | 14   | ---      | --- | ---  | ---     | --- | ---  |
| 9     | 240     | 0.7 | 10   | 24       | 1.5 | 8.3  | ---      | --- | ---  | ---     | --- | ---  |
| 10    | 35      | 0.9 | 5.9  | 2.1      | 0.9 | 1.4  | ---      | --- | ---  | ---     | --- | ---  |
| 11    | 2.3     | 0.6 | 1.0  | 3.5      | 1.0 | 1.2  | ---      | --- | ---  | ---     | --- | ---  |
| 12    | ---     | --- | ---  | 1.9      | 1.1 | 1.2  | ---      | --- | ---  | ---     | --- | ---  |
| 13    | ---     | --- | ---  | 3.1      | 1.0 | 1.3  | ---      | --- | ---  | ---     | --- | ---  |
| 14    | ---     | --- | ---  | 1.4      | 1.0 | 1.2  | ---      | --- | ---  | ---     | --- | ---  |
| 15    | 2.1     | 0.1 | 0.4  | 4.5      | 1.1 | 1.6  | ---      | --- | ---  | ---     | --- | ---  |
| 16    | 3.0     | 0.1 | 0.4  | 3.6      | 0.8 | 1.2  | ---      | --- | ---  | ---     | --- | ---  |
| 17    | 1.5     | 0.1 | 0.4  | 1.9      | 0.8 | 0.9  | ---      | --- | ---  | ---     | --- | ---  |
| 18    | 2.0     | 0.1 | 0.4  | 5.3      | 0.8 | 1.1  | ---      | --- | ---  | ---     | --- | ---  |
| 19    | 1.4     | 0.1 | 0.2  | 1.9      | 0.7 | 0.9  | ---      | --- | ---  | ---     | --- | ---  |
| 20    | 3.9     | 0.1 | 0.3  | 1.5      | 0.7 | 0.7  | ---      | --- | ---  | ---     | --- | ---  |
| 21    | 2.5     | 0.1 | 0.5  | 1.2      | 0.7 | 0.7  | ---      | --- | ---  | ---     | --- | ---  |
| 22    | 5.4     | 0.3 | 0.9  | 0.8      | 0.7 | 0.8  | ---      | --- | ---  | ---     | --- | ---  |
| 23    | 4.0     | 0.2 | 1.0  | 0.8      | 0.7 | 0.7  | ---      | --- | ---  | ---     | --- | ---  |
| 24    | 0.8     | 0.2 | 0.5  | 0.8      | 0.7 | 0.8  | ---      | --- | ---  | ---     | --- | ---  |
| 25    | 1.0     | 0.2 | 0.4  | 8.1      | 0.8 | 2.7  | ---      | --- | ---  | ---     | --- | ---  |
| 26    | 5.9     | 0.1 | 0.7  | 6.3      | 1.2 | 1.6  | ---      | --- | ---  | ---     | --- | ---  |
| 27    | 3.3     | 0.1 | 0.6  | 1.4      | 1.2 | 1.2  | ---      | --- | ---  | ---     | --- | ---  |
| 28    | 8.6     | 0.1 | 1.1  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |
| 29    | 1.9     | 0.1 | 0.3  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |
| 30    | 0.4     | 0.1 | 0.2  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |
| 31    | 20      | 0.1 | 1.3  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |
| Month | ---     | --- | ---  | ---      | --- | ---  | ---      | --- | ---  | ---     | --- | ---  |

404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

| Day   | Max      | Min | Mean | Max   | Min | Mean | Max   | Min | Mean | Max | Min | Mean |
|-------|----------|-----|------|-------|-----|------|-------|-----|------|-----|-----|------|
|       | February |     |      | March |     |      | April |     |      | May |     |      |
| 1     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 2     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 3     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 4     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 5     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 6     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 7     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 8     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 9     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 10    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 11    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 12    | ---      | --- | ---  | 0.0   | 0.0 | 0.0  | ---   | --- | ---  | --- | --- | ---  |
| 13    | ---      | --- | ---  | 0.0   | 0.0 | 0.0  | ---   | --- | ---  | --- | --- | ---  |
| 14    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 15    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 16    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 17    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 18    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 19    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 20    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 21    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 22    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 23    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 24    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 25    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 26    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 27    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 28    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 29    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 30    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 31    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| Month | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |

404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

| Day   | Max  | Min | Mean | Max  | Min | Mean | Max    | Min | Mean | Max       | Min | Mean |
|-------|------|-----|------|------|-----|------|--------|-----|------|-----------|-----|------|
|       | June |     |      | July |     |      | August |     |      | September |     |      |
| 1     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 2     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 3     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 4     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 5     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 6     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 7     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 8     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 9     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 10    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 11    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 12    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 13    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 14    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 15    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 16    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 17    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 18    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 19    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 20    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 21    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 22    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 23    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 24    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 25    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 26    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 27    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 28    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 29    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 30    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 31    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| Month | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |

## 404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

| Day          | Max     | Min  | Mean | Max      | Min  | Mean | Max      | Min | Mean | Max     | Min | Mean |
|--------------|---------|------|------|----------|------|------|----------|-----|------|---------|-----|------|
|              | October |      |      | November |      |      | December |     |      | January |     |      |
| <b>1</b>     | 17.9    | 12.7 | 14.6 | 15.6     | 11.3 | 12.7 | ---      | --- | ---  | ---     | --- | ---  |
| <b>2</b>     | 18.5    | 13.6 | 15.5 | 12.0     | 3.8  | 8.9  | ---      | --- | ---  | ---     | --- | ---  |
| <b>3</b>     | 18.7    | 14.2 | 16.0 | 11.2     | 7.3  | 8.8  | ---      | --- | ---  | ---     | --- | ---  |
| <b>4</b>     | 19.8    | 15.6 | 17.2 | 12.0     | 7.7  | 9.4  | ---      | --- | ---  | ---     | --- | ---  |
| <b>5</b>     | 20.0    | 15.8 | 17.4 | 12.8     | 9.6  | 10.9 | ---      | --- | ---  | ---     | --- | ---  |
| <b>6</b>     | 18.9    | 15.5 | 16.8 | 13.4     | 9.9  | 11.1 | ---      | --- | ---  | ---     | --- | ---  |
| <b>7</b>     | 19.9    | 16.4 | 17.9 | 12.2     | 8.0  | 9.5  | ---      | --- | ---  | ---     | --- | ---  |
| <b>8</b>     | 20.2    | 17.3 | 18.6 | 10.9     | 8.4  | 10.2 | ---      | --- | ---  | ---     | --- | ---  |
| <b>9</b>     | 20.1    | 17.4 | 18.7 | 11.9     | 9.1  | 9.7  | ---      | --- | ---  | ---     | --- | ---  |
| <b>10</b>    | 20.1    | 16.8 | 18.1 | 11.5     | 8.2  | 9.3  | ---      | --- | ---  | ---     | --- | ---  |
| <b>11</b>    | 19.9    | 15.8 | 17.4 | 13.2     | 8.9  | 10.4 | ---      | --- | ---  | ---     | --- | ---  |
| <b>12</b>    | 18.3    | 15.7 | 17.2 | 12.4     | 10.0 | 11.0 | ---      | --- | ---  | ---     | --- | ---  |
| <b>13</b>    | 18.1    | 14.6 | 15.8 | 11.7     | 10.4 | 11.1 | ---      | --- | ---  | ---     | --- | ---  |
| <b>14</b>    | 16.1    | 13.5 | 14.8 | 13.3     | 10.5 | 11.5 | ---      | --- | ---  | ---     | --- | ---  |
| <b>15</b>    | 16.6    | 12.4 | 14.2 | 12.3     | 8.7  | 10.3 | ---      | --- | ---  | ---     | --- | ---  |
| <b>16</b>    | 15.4    | 13.1 | 14.4 | 10.0     | 7.2  | 8.3  | ---      | --- | ---  | ---     | --- | ---  |
| <b>17</b>    | 13.7    | 12.4 | 13.1 | 10.2     | 6.4  | 7.8  | ---      | --- | ---  | ---     | --- | ---  |
| <b>18</b>    | 13.2    | 10.4 | 11.8 | 11.5     | 7.5  | 9.2  | ---      | --- | ---  | ---     | --- | ---  |
| <b>19</b>    | 11.7    | 9.0  | 9.9  | 10.5     | 5.6  | 8.5  | ---      | --- | ---  | ---     | --- | ---  |
| <b>20</b>    | 12.8    | 8.6  | 10.1 | 7.4      | 4.3  | 5.7  | ---      | --- | ---  | ---     | --- | ---  |
| <b>21</b>    | 15.0    | 9.2  | 11.8 | 7.9      | 5.1  | 6.5  | ---      | --- | ---  | ---     | --- | ---  |
| <b>22</b>    | 14.9    | 11.8 | 13.1 | 9.6      | 7.7  | 8.4  | ---      | --- | ---  | ---     | --- | ---  |
| <b>23</b>    | 16.1    | 11.2 | 13.2 | 10.9     | 7.0  | 8.5  | ---      | --- | ---  | ---     | --- | ---  |
| <b>24</b>    | 15.7    | 11.7 | 13.5 | 12.7     | 8.7  | 10.3 | ---      | --- | ---  | ---     | --- | ---  |
| <b>25</b>    | 16.8    | 12.5 | 14.6 | 12.6     | 10.2 | 11.4 | ---      | --- | ---  | ---     | --- | ---  |
| <b>26</b>    | 12.5    | 10.9 | 11.5 | 11.4     | 6.2  | 8.9  | ---      | --- | ---  | ---     | --- | ---  |
| <b>27</b>    | 13.4    | 9.6  | 11.0 | 7.3      | 4.5  | 5.7  | ---      | --- | ---  | ---     | --- | ---  |
| <b>28</b>    | 12.9    | 9.1  | 10.3 | ---      | ---  | ---  | ---      | --- | ---  | ---     | --- | ---  |
| <b>29</b>    | 13.0    | 8.9  | 10.8 | ---      | ---  | ---  | ---      | --- | ---  | ---     | --- | ---  |
| <b>30</b>    | 12.8    | 10.2 | 11.3 | ---      | ---  | ---  | ---      | --- | ---  | ---     | --- | ---  |
| <b>31</b>    | 13.0    | 8.4  | 10.4 | ---      | ---  | ---  | ---      | --- | ---  | ---     | --- | ---  |
| <b>Month</b> | 20.2    | 8.4  | 14.2 | ---      | ---  | ---  | ---      | --- | ---  | ---     | --- | ---  |

404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

| Day   | Max      | Min | Mean | Max   | Min | Mean | Max   | Min | Mean | Max | Min | Mean |
|-------|----------|-----|------|-------|-----|------|-------|-----|------|-----|-----|------|
|       | February |     |      | March |     |      | April |     |      | May |     |      |
| 1     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 2     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 3     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 4     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 5     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 6     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 7     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 8     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 9     | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 10    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 11    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 12    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 13    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 14    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 15    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 16    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 17    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 18    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 19    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 20    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 21    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 22    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 23    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 24    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 25    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 26    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 27    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 28    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 29    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 30    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| 31    | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |
| Month | ---      | --- | ---  | ---   | --- | ---  | ---   | --- | ---  | --- | --- | ---  |

404824096380001 Deadmans Run Tributary at Mesaverde Drive at Lincoln, Nebr.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

| Day   | Max  | Min | Mean | Max  | Min | Mean | Max    | Min | Mean | Max       | Min | Mean |
|-------|------|-----|------|------|-----|------|--------|-----|------|-----------|-----|------|
|       | June |     |      | July |     |      | August |     |      | September |     |      |
| 1     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 2     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 3     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 4     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 5     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 6     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 7     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 8     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 9     | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 10    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 11    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 12    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 13    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 14    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 15    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 16    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 17    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 18    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 19    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 20    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 21    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 22    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 23    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 24    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 25    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 26    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 27    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 28    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 29    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 30    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| 31    | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |
| Month | ---  | --- | ---  | ---  | --- | ---  | ---    | --- | ---  | ---       | --- | ---  |