

**Prepared in cooperation with the
Elkhorn-Loup Model Group**

Streamflow Measurements in North-Central Nebraska, November 2006



Data Series 332

Cover. Photograph of streamflow measurement site L414, Calamus River in central Loup County, Nebraska, November 14, 2006 (photograph taken by R.A. Drudik, U.S. Geological Survey).

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By Steven M. Peterson and Kellan R. Strauch

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**U.S. Department of the Interior
U.S. Geological Survey**

U.S. Department of the Interior
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Conversion Factors and Datum

Multiply	By	To obtain
	Length	
mile (mi)	1.609	kilometer (km)
	Flow rate	
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second (m ³ /s)

Horizontal coordinate information is referenced to the North American Datum of 1983 (NAD 83).

Streamflow Measurements in North-Central Nebraska, November 2006

By Steven M. Peterson and Kellan R. Strauch

Abstract

Streamflow measurements were made during November of 2006 in the Elkhorn and Loup River basins and selected streams in the Niobrara and Platte River basins in north-central Nebraska. At these 531 sites, flows ranging from no flow to 2,600 ft³/s were measured or observed. The data are presented in a table along with the quality of measurement and the method that was used. Maps show the location of the study area and the sites.

Introduction

This report presents the results of 531 streamflow measurements and observations of no flow made during November 2006 by the U.S. Geological Survey (USGS) in the Elkhorn and Loup River basins and for some tributary streams of the Niobrara and Platte River basins in north-central Nebraska (fig. 1). Measurements were made in cooperation with the Elkhorn-Loup Model group, which included the Lewis and Clark Natural Resources District (NRD), the Lower Elkhorn NRD, the Lower Loup NRD, the Lower Niobrara NRD, the Lower Platte North NRD, the Middle Niobrara NRD, the Upper Elkhorn NRD, and the Upper Loup NRD. Streamflow measurements were made as part of a larger ongoing study for the Elkhorn-Loup Model in north-central Nebraska (U.S. Geological Survey, 2007).

Historically, the USGS and other Federal, State, and local agencies have collected streamflow measurements and related information at established gaging stations throughout Nebraska. These gaging stations provide daily streamflow data over long periods of time. However, in many cases, the established stream-gaging stations are far apart, and streams may have only a few stations along their entire length. In north-central Nebraska, miscellaneous streamflow measurements at selected sites have been made at various times over small portions of the study area, but synoptic measurements had not been previously done. Synoptic measurements made during base flow can provide a temporal “snapshot” of streamflow conditions over a large area and can provide a basis for a more comprehensive understanding of surface-water/ground-water interaction and the state of the hydrologic system during the time of data collection (in this case, November 2006). Base flow in this report refers to sustained flow that is composed largely of ground water (Langbein and Iseri, 1960).

Purpose and Scope

The purpose of this report is to present the results of the streamflow measurements and observations of no flow that were made in the Elkhorn and Loup River basins during November 2006 by the USGS. This report lists the location and describes the method that was used for each measurement.

Acknowledgments

The authors would like to thank landowners in north-central Nebraska who allowed access to their property for streamflow measurements. Also, the authors appreciate the support of personnel from the Lower Loup, Lower Platte North, Upper Loup, and Upper Elkhorn NRDs who contributed to the data-collection effort and were critical to the success of this effort by providing logistical assistance during data collection, site selection to find the most favorable access to certain streams, and coordination of stream access with local landowners.

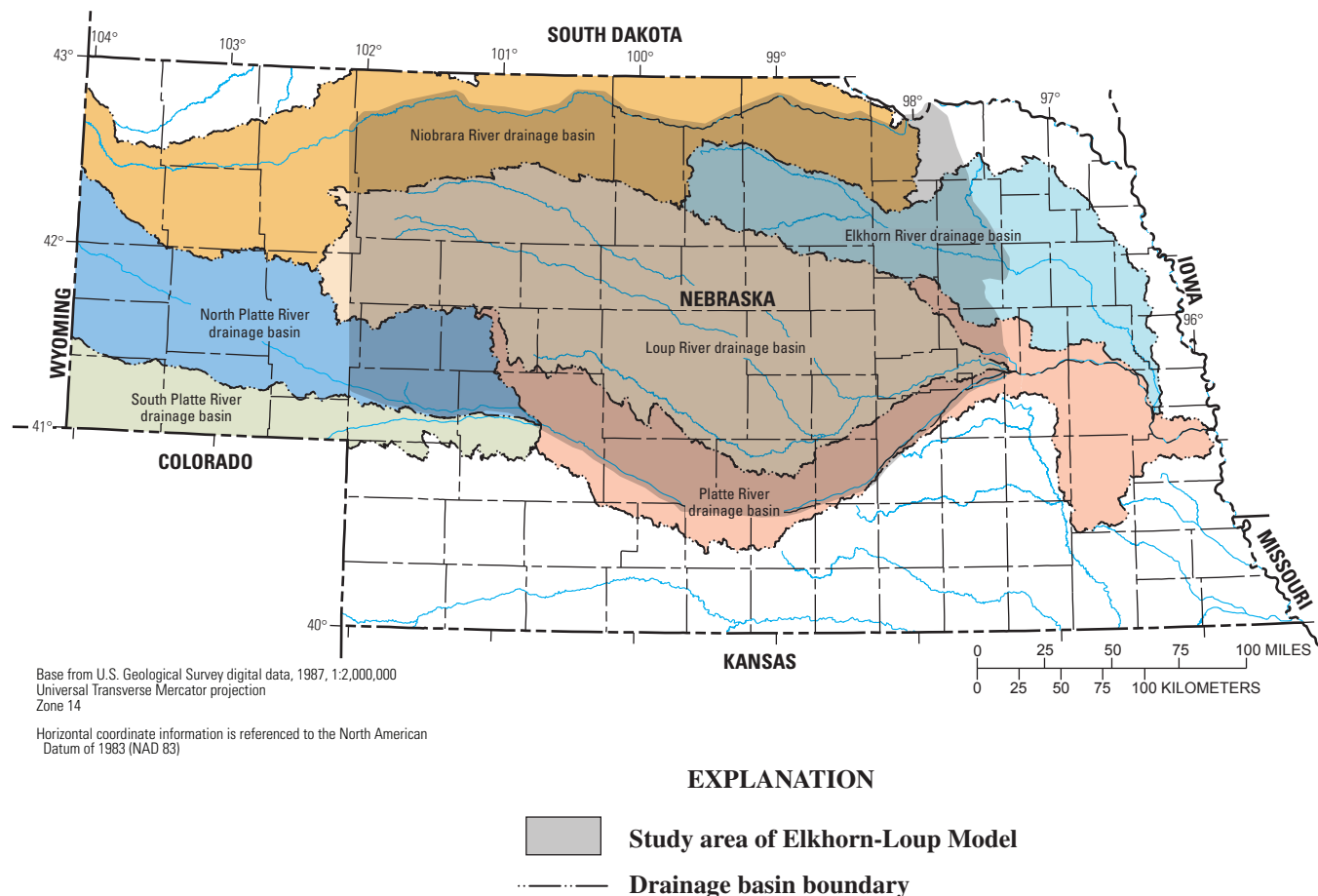


Figure 1. Location of study area in north-central Nebraska.

Methods of Study

Site Selection

Sites were selected based on accessibility, distance from other measurement sites, geomorphic characteristics of the stream at gaging station locations, and proximity to confluences with other streams. All sites with active stream gaging stations in the Elkhorn-Loup Model area were measured. Additional sites were measured upstream from and between active gaging stations, every several miles on major streams, where bridges across streams on highways or county roads provided access. USGS topographic maps were used to distinguish perennial streams from ephemeral streams. In addition, sites were selected upstream and downstream from tributary confluences, so that gains and losses could be calculated and properly attributed to each stream and tributary. In most cases, such sites were measured within a few miles of confluences with other streams due to lack of access closer to the confluence. Similarly, sites were further apart in areas with fewer roads. The locations of the measurement sites are shown in figure 2.

Streamflow Measurements

Streamflow measurements were made using one of three methods depending on the flow condition of the stream at each measurement site. Measurement methods used were based on the type of equipment used and included: Parshall flume, current meter (Price AA or Pygmy), and acoustic Doppler velocimeter (ADV). Modified 3-inch Parshall flumes have a maximum rated capacity of about 0.50 ft³/s and were only used where these small flows could be entirely directed through the flume, usually by means of small earthen dikes. Each flume had been previously rated at the USGS Hydrologic Instrumentation Facility. Two types of mechanical current meters were used for this study, the Price AA meter and the Price Pygmy meter; both were used with the midsection computational method to determine discharge. Pygmy meters were generally used where the mean depth of

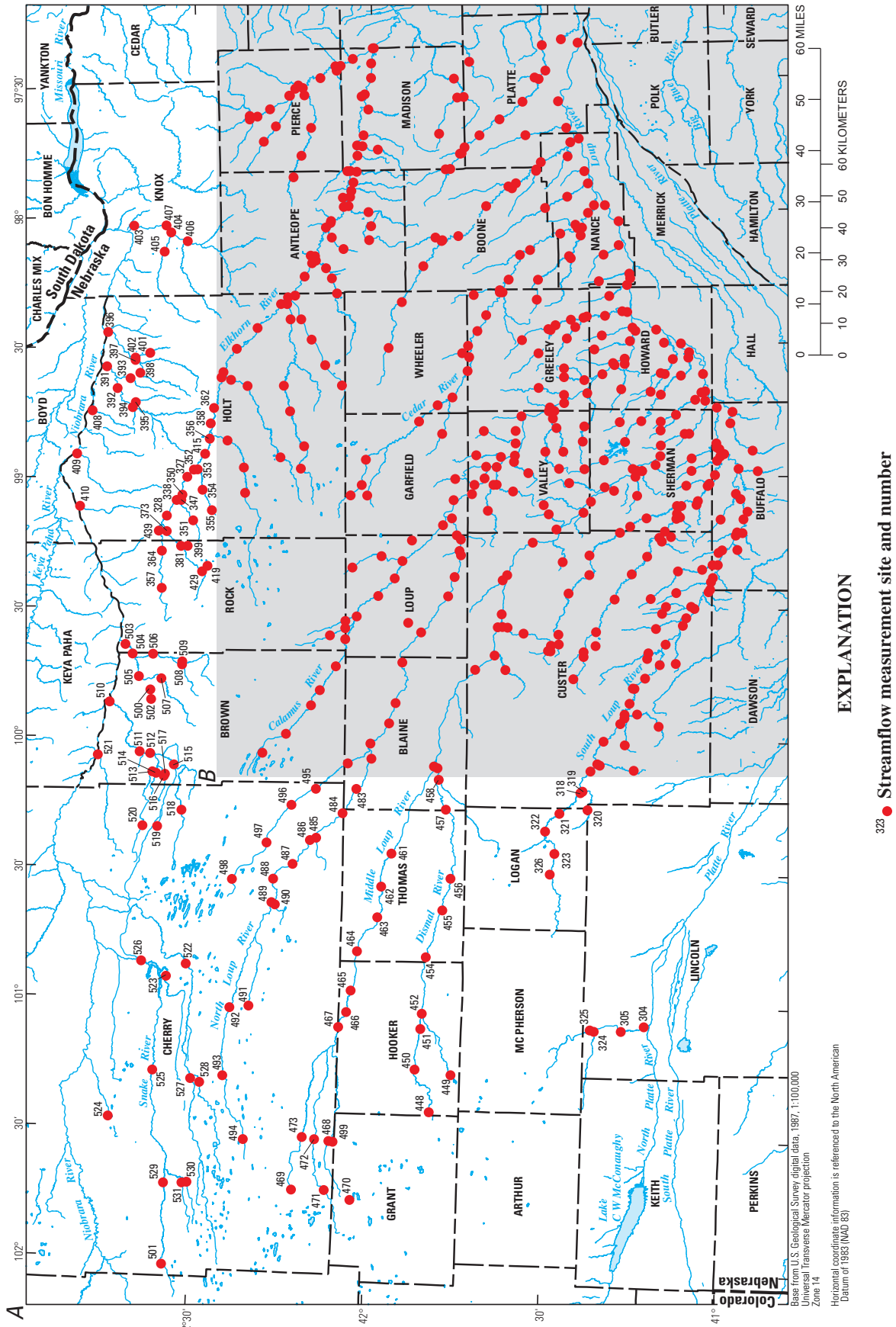


Figure 2. (A) Location of streamflow measurement sites, November 2006.

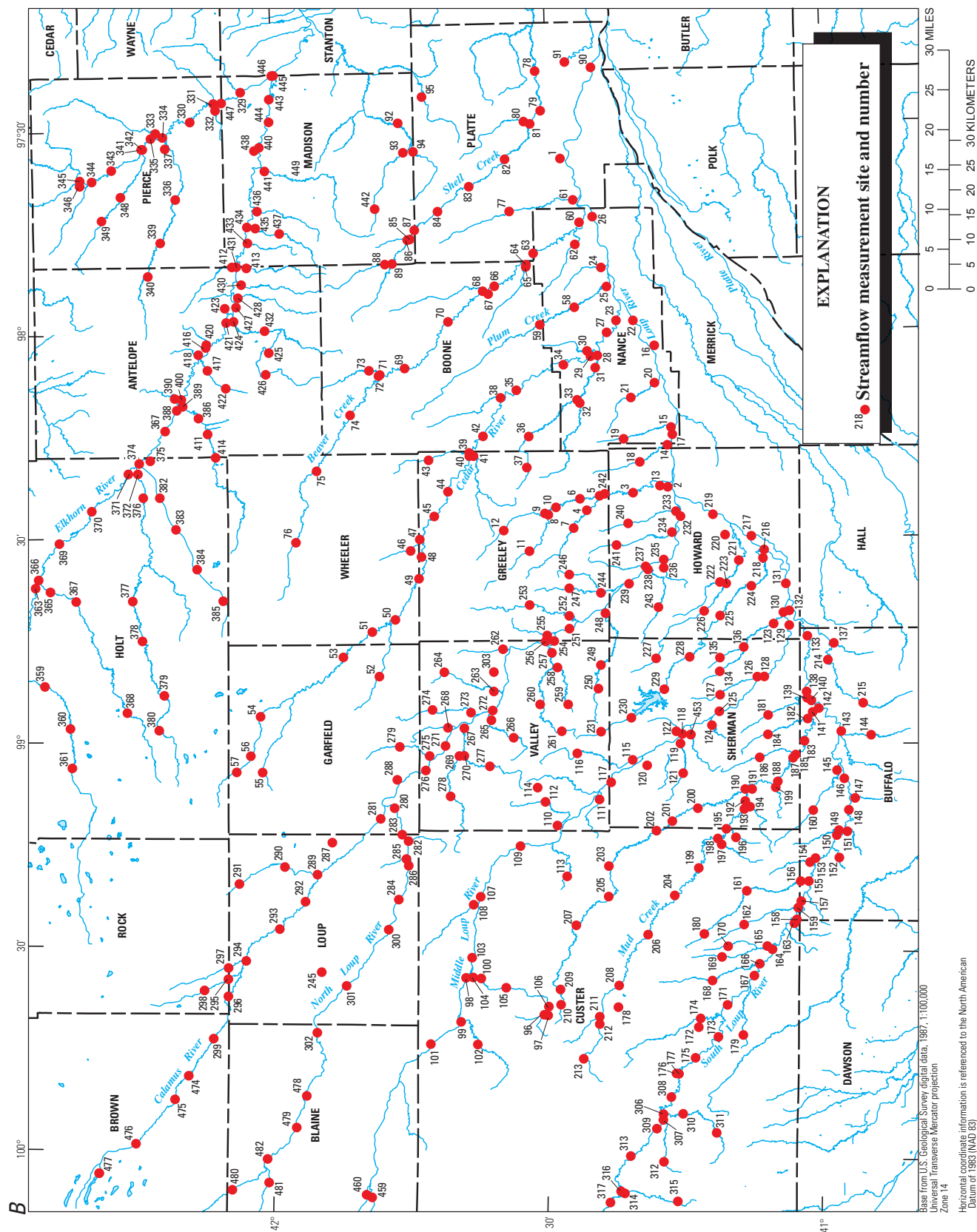


Figure 2. (B) Location of streamflow measurement sites, November 2006.—Continued

the stream was less than 2 feet and were mounted to top-setting wading rods. Price AA meters were used for streams that had mean depths greater than 2 feet. Price AA meters were mounted on top-setting rods for wading measurements and to sounding weights suspended by cables from bridges for flows that were too deep to wade. All flume and current meter measurements followed the standard methods of the USGS (Rantz and others, 1982; Nolan and Shields, 2000; Kilpatrick and Schneider, 1982). ADVs were mounted on top-setting rods, but were not restricted by depth as long as the stream could be waded. They were used for the majority of the measurements because of their suitability for a wide variety of streamflow conditions and their programmable functionality that eliminated the need for manual computations. The ADV measurement procedures followed the standard methods of the USGS (Morlock and Fisher, 2002; U.S. Geological Survey Office of Surface Water Technical Memorandum 2004.4, 2004). All streamflow measurements were made by trained and experienced personnel. The measurement method and streamflow measurement quality rating are listed in table 1 at the end of the report. The measurement quality ratings are either excellent, good, fair, or poor. An excellent rating means that the true value of flow is expected to be within 2 percent of the measurement, a good rating within 2–5 percent error, a fair rating within 5–8 percent, and a poor rating expected to be greater than 8 percent error. Streamflow measurement quality ratings were determined following the standard methods of the USGS (Sauer and Meyer, 1992; Nolan and Shields, 2000). All measurement equipment was used only by staff that were trained and experienced in using them to make streamflow measurements.

Streamflow Measurement Results

Streamflow measurements were made during November 2006, and ranged from no flow on many small tributary streams to 2,600 ft³/s at site F482 on the Loup River (table 1 at end of report). The measurements most likely represent base flow because there was little precipitation over the study area prior to and during the time the measurements were made, snow fall that happened during the measurement dates was minimal and did not affect streamflow (National Oceanic and Atmospheric Administration, 2006). Therefore, there was very little direct surface runoff to streams. Furthermore, riparian vegetation was dormant during November 2006, so transpiration of shallow ground water by plants was not occurring and did not affect base flow.

References Cited

- Kilpatrick, F.A., Schneider, V.R., 1982, Use of flume in metering discharge at gaging stations: U.S Geological Survey Open-File Report 82–871, 174 p.
- Langbein, W.B., and Iseri, K.T., 1960, General introduction and hydrologic definitions, in Manual of hydrology, part 1, General surface-water techniques: U.S. Geological Survey Water-Supply Paper 1541–A, p. 1–29.
- Morlock, S.E., and Fisher, P.E., 2002, Hydroacoustic current meters for the measurement of discharge in shallow rivers and streams: U.S. Geological Survey information available on Web, accessed May 8, 2007, at <http://hydroacoustic.usgs.gov/reports/SEMpaper.pdf>
- National Oceanic and Atmospheric Administration, 2006, Climatological data for Nebraska, November 2006: Nat. Oceanic and Atmos. Admin. information available on Web, accessed November 2006, at http://www.srh.noaa.gov/rfcshare/precip_analysis_new.php
- Nolan, K.M., and Shields R.R., 2000, Measurement of stream discharge by wading: U.S. Geological Survey Water-Resources Investigations Report 00–4036, on CD-ROM.
- Rantz, S.E., and others, 1982, Measurement and computation of streamflow: U.S. Geological Survey Water-Supply Paper 2175, 631 p.
- Sauer, V.B., and Meyer, R.W., 1992, Determination of error in individual discharge measurements: U.S. Geological Survey Open-File Report 92–144, 21 p.
- U.S. Geological Survey, 2004, Policy on the use of the FlowTracker for discharge measurements: Office of Surface Water Technical Memorandum 2004.4, accessed May 8, 2007, at <http://hydroacoustic.usgs.gov/policy/OSW2004.04.pdf>
- U.S. Geological Survey, 2007, Elkhorn-Loup Model: Lincoln, Nebr., U.S. Geological Survey information available on the web, accessed September 19, 2007, at <http://ne.water.usgs.gov/projects/elm.html>

Table

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow measure- ment quality	Measurement method
1	412829097345301	Cherry Creek	F123	11/16/06	41° 28' 29.9"	-097° 34' 53.6"	0.031	(E)	Flume
2	067911100	Spring Creek	F347	11/16/06	41° 17' 07.8"	-098° 22' 44.1"	10.1	(F)	ADV
3	412055098233401	Spring Creek	F465	11/16/06	41° 20' 55.4"	-098° 23' 34.7"	5.03	(F)	ADV
4	412600098260401	West Branch Spring Creek	F466	11/16/06	41° 26' 00.7"	-098° 26' 04.5"	.10	(P)	ADV
5	412435098235801	Spring Creek	F467	11/16/06	41° 24' 35.4"	-098° 23' 58.1"	2.84	(F)	ADV
6	412645098242301	Spring Creek	F468	11/16/06	41° 26' 45.3"	-098° 24' 23.7"	1.05	(P)	ADV
7	06790700	West Branch Spring Creek	F469	11/16/06	41° 27' 27.0"	-098° 28' 39.3"	0	(E)	Observed
8	413013098264101	Spring Creek	F470	11/16/06	41° 30' 13.0"	-098° 26' 41.0"	.014	(P)	ADV
9	413035098262901	East Branch Spring Creek	F471	11/16/06	41° 30' 35.9"	-098° 26' 29.6"	.010	(P)	ADV
10	412922098253701	Spring Creek	F472	11/16/06	41° 29' 22.8"	-098° 25' 37.5"	.17	(P)	ADV
11	413218098315801	Spring Creek	F474	11/15/06	41° 32' 18.0"	-098° 31' 58.0"	0	(E)	Observed
12	413505098285801	East Branch Spring Creek	F476	11/15/06	41° 35' 05.4"	-098° 28' 58.1"	0	(E)	Observed
13	06791000	Spring Creek	F477	11/16/06	41° 17' 58.9"	-098° 22' 34.6"	8.84	(F)	ADV
14	411707098163801	Rock Creek	F478	11/15/06	41° 17' 07.8"	-098° 16' 38.5"	.096	(P)	ADV
15	411643098140401	Cottonwood Creek	F480	11/15/06	41° 16' 43.0"	-098° 14' 04.0"	1.10	(F)	ADV
16	411828098021201	Elk Creek	F481	11/16/06	41° 18' 28.5"	-098° 02' 12.9"	0	(E)	Observed
17	06791150	Loup River	F482	11/16/06	41° 16' 34.9"	-098° 15' 07.6"	2,600	(F)	Current Meter
18	412010098190501	Rock Creek	F483	11/16/06	41° 20' 10.2"	-098° 19' 05.3"	0	(E)	Observed
19	412155098154301	Cottonwood Creek	F484	11/15/06	41° 21' 55.1"	-098° 15' 43.6"	0	(E)	Observed
20	411829098073701	Horse Creek	F485	11/16/06	41° 18' 29.9"	-098° 07' 37.5"	1.41	(P)	ADV
21	412105098094501	Horse Creek	F486	11/16/06	41° 21' 05.0"	-098° 09' 45.0"	0	(E)	Observed
22	412046097583201	Loup River	F487	11/16/06	41° 20' 46.0"	-097° 58' 32.5"	2,400	(F)	Current Meter
23	412237097583001	Cedar River	F489	11/16/06	41° 22' 37.9"	-097° 58' 30.9"	205	(G)	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow measure- ment quality	Stream- flow measure- ment quality	Measurement method
24	412411097504801	Council Creek	F490	11/16/06	41° 24' 11.4"	-097° 50' 48.7"	0	(E)	Observed
25	412337097533401	Plum Creek	F491	11/16/06	41° 23' 37.9"	-097° 53' 34.8"	.90	(P)	ADV
26	06793000	Loup River	F492	11/16/06	41° 25' 04.5"	-097° 43' 23.9"	17.4	(G)	ADV
27	412340098001401	Cedar River	F493	11/16/06	41° 23' 40.2"	-098° 00' 14.7"	159	(G)	ADV
28	412442098033501	Timber Creek	F494	11/16/06	41° 24' 42.5"	-098° 03' 35.5"	7.13	(F)	ADV
29	412527098034001	Cedar River	F495	11/16/06	41° 25' 27.9"	-098° 03' 40.1"	181	(F)	Current Meter
30	412550098025401	Ash Creek	F496	11/16/06	41° 25' 50.2"	-098° 02' 54.2"	0	(E)	Observed
31	06791900	Timber Creek	F497	11/16/06	41° 24' 57.2"	-098° 05' 21.7"	3.94	(F)	ADV
32	412640098102901	South Branch Timber Creek	F498	11/16/06	41° 26' 40.3"	-098° 10' 29.2"	3.05	(P)	ADV
33	412658098100001	North Branch Timber Creek	F499	11/16/06	41° 26' 58.5"	-098° 10' 00.4"	.73	(P)	ADV
34	06791800	Cedar River	F501	11/16/06	41° 28' 25.7"	-098° 04' 53.5"	248	(G)	Current Meter
35	413336098083101	Cedar River	F502	11/16/06	41° 33' 36.0"	-098° 08' 31.1"	189	(G)	Current Meter
36	413218098151701	North Branch Timber Creek	F503	11/16/06	41° 32' 18.1"	-098° 15' 17.7"	0	(E)	Observed
37	413231098194701	North Branch Timber Creek	F504	11/16/06	41° 32' 31.6"	-098° 19' 47.1"	0	(E)	Observed
38	413520098093601	Silver Valley Creek	F505	11/16/06	41° 35' 20.0"	-098° 09' 36.3"	0	(E)	Observed
39	413849098173601	Mud Creek	F508	11/16/06	41° 38' 49.5"	-098° 17' 36.3"	0	(E)	Observed
40	413848098180401	Cedar River	F509	11/16/06	41° 38' 48.3"	-098° 18' 04.3"	130	(G)	ADV
41	413820098180301	Freeman Creek	F510	11/16/06	41° 38' 20.8"	-098° 18' 03.5"	.21	(P)	ADV
42	06791750	Cedar River	F511	11/16/06	41° 37' 17.4"	-098° 15' 11.5"	198	(F)	ADV
43	414316098183701	Mud Creek	F512	11/16/06	41° 43' 16.7"	-098° 18' 37.1"	0	(E)	Observed
44	414109098231501	Cedar River	F513	11/16/06	41° 41' 09.9"	-098° 23' 15.1"	164	(F)	ADV
45	414241098265001	Cedar River	F514	11/16/06	41° 42' 41.8"	-098° 26' 50.2"	170	(F)	ADV
46	414517098315101	Clear Creek	F515	11/16/06	41° 45' 17.3"	-098° 31' 51.2"	.42	(P)	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow measure- ment quality	Stream- flow (ft ³ /s)	Measurement method
47	414417098301001	Cedar River	F516	11/16/06	41° 44' 17.3"	-098° 30' 10.7"	(G)	156	ADV
48	414406098324401	Cedar River	F517	11/16/06	41° 44' 06.6"	-098° 32' 44.8"	(G)	152	Current Meter
49	414423098355401	Cedar River	F518	11/16/06	41° 44' 23.6"	-098° 35' 54.7"	(G)	124	Current Meter
50	414700098415401	Cedar River	F519	11/16/06	41° 47' 00.5"	-098° 41' 54.3"	(F)	104	Current Meter
51	414931098434001	Cedar Creek	F521	11/16/06	41° 49' 31.4"	-098° 43' 40.2"	(G)	83.8	Current Meter
52	414845098501201	Dry Cedar Creek	F522	11/16/06	41° 48' 45.3"	-098° 50' 12.4"	(E)	0	Observed
53	415241098472301	Cedar Creek	F523	11/16/06	41° 52' 41.9"	-098° 47' 23.3"	(F)	61.3	Current Meter
54	420145098560301	Big Cedar Creek	F525	11/16/06	42° 01' 45.6"	-098° 56' 03.7"	(G)	1.47	ADV
55	420131099041501	Little Cedar Creek	F526	11/17/06	42° 01' 31.9"	-099° 04' 15.0"	(F)	.25	ADV
56	420238099015001	Big Cedar Creek	F527	11/16/06	42° 02' 38.8"	-099° 01' 50.3"	(E)	0	Observed
57	420422099041301	Big Cedar Creek	F528	11/16/06	42° 04' 22.5"	-099° 04' 13.2"	(E)	0	Observed
58	412710097563201	Plum Creek	F529	11/16/06	41° 27' 10.0"	-097° 56' 32.0"	(F)	.23	ADV
59	413058097590201	Plum Creek	F530	11/16/06	41° 30' 58.4"	-097° 59' 02.0"	(E)	0	Observed
60	06794000	Beaver Creek	F535	11/16/06	41° 26' 31.9"	-097° 44' 11.5"	(G)	76.1	ADV
61	412710097405501	Looking Glass Creek	F536	11/16/06	41° 27' 10.6"	-097° 40' 55.1"	(G)	7.24	ADV
62	412700097472401	Skeedee Creek	F537	11/16/06	41° 27' 00.9"	-097° 47' 24.3"	(E)	0	Observed
63	413136097483801	Beaver Creek	F539	11/16/06	41° 31' 36.0"	-097° 48' 38.0"	(G)	70.6	ADV
64	413223097501701	Beaver Creek	F540	11/16/06	41° 32' 23.0"	-097° 50' 17.0"	(G)	73.5	ADV
65	413225097503401	Bogus Creek	F541	11/16/06	41° 32' 25.0"	-097° 50' 34.0"	(F)	.57	ADV
66	413553097532101	Beaver Creek	F543	11/16/06	41° 35' 53.0"	-097° 53' 21.0"	(G)	69.2	ADV
67	413634097542901	Beaver Creek	F544	11/16/06	41° 36' 34.0"	-097° 54' 29.0"	(G)	71.1	ADV
68	413709097540201	Vorhees Creek	F545	11/16/06	41° 37' 09.9"	-097° 54' 02.3"	(E)	0	Observed
69	067933500	Beaver Creek	F547	11/16/06	41° 45' 48.0"	-098° 05' 11.5"	(G)	73	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow measure- ment quality	Stream- flow measure- ment method
70	06793600	Beaver Creek	F548	11/16/06	41° 41' 00.3"	-097° 58' 27.4"	(G)	ADV
71	414830098060501	Beaver Creek	F549	11/16/06	41° 48' 30.9"	-098° 06' 05.4"	(P)	ADV
72	414840098061501	Beaver Creek	F550	11/16/06	41° 48' 40.3"	-098° 06' 15.3"	(G)	ADV
73	414942098052801	Rae Creek	F551	11/16/06	41° 49' 42.5"	-098° 05' 28.9"	(E)	Observed
74	415148098115801	Beaver Creek	F552	11/16/06	41° 51' 48.2"	-098° 11' 58.5"	(G)	ADV
75	415532098200601	Beaver Creek	F553	11/16/06	41° 55' 32.0"	-098° 20' 06.3"	(G)	ADV
76	415750098303301	Beaver Creek	F554	11/16/06	41° 57' 50.3"	-098° 30' 33.1"	(F)	ADV
77	413409097422701	Looking Glass Creek	F555	11/16/06	41° 34' 09.5"	-097° 42' 27.9"	(E)	Observed
78	413106097220501	Shell Creek	F556	11/9/06	41° 31' 06.3"	-097° 22' 05.9"	(G)	ADV
79	413034097275301	Shell Creek	F557	11/9/06	41° 30' 34.5"	-097° 27' 53.6"	(F)	ADV
80	413225097292501	Elm Creek	F558	11/9/06	41° 32' 25.8"	-097° 29' 25.9"	(P)	ADV
81	413144097294601	Shell Creek	F559	11/9/06	41° 31' 44.6"	-097° 29' 46.7"	(G)	ADV
82	413433097345101	Shell Creek	F560	11/8/06	41° 34' 33.8"	-097° 34' 51.6"	(G)	ADV
83	413831097384501	Shell Creek	F561	11/8/06	41° 38' 31.0"	-097° 38' 45.9"	(F)	ADV
84	414159097422001	Shell Creek	F562	11/8/06	41° 41' 59.3"	-097° 42' 20.9"	(P)	ADV
85	414504097462101	Shell Creek	F563	11/8/06	41° 45' 04.0"	-097° 46' 21.1"	(P)	ADV
86	414520097462701	Dry Creek	F564	11/8/06	41° 45' 20.9"	-097° 46' 27.8"	(P)	Current Meter
87	06795000	Shell Creek	F565	11/8/06	41° 44' 33.6"	-097° 45' 01.8"	(F)	ADV
88	414749097495801	North Shell Creek	F566	11/8/06	41° 47' 50.0"	-097° 49' 58.6"	(P)	ADV
89	414702097495301	Shell Creek	F567	11/8/06	41° 47' 02.1"	-097° 49' 53.8"	(P)	ADV
90	412459097214201	Loup River	F568	11/16/06	41° 24' 59.1"	-097° 21' 42.4"	(F)	ADV
91	412749097205201	Lost Creek	F569	11/16/06	41° 27' 49.5"	-097° 20' 52.0"	(F)	Current Meter
92	414610097292001	Union Creek	F570	11/9/06	41° 46' 10.4"	-097° 29' 20.4"	(F)	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow measure- ment quality	Measurement method
93	414540097334001	North Fork Union Creek	F571	11/9/06	41° 45' 40.5"	-097° 33' 40.6"	1.07	(P)	ADV
94	414433097333401	Union Creek	F572	11/9/06	41° 44' 33.9"	-097° 33' 34.0"	.19	(P)	ADV
95	414331097253301	Meridian/Tracy Creek	F94	11/16/06	41° 43' 31.6"	-097° 25' 33.8"	.63	(F)	Current Meter
96	06777700	Lillian Creek	L170	11/13/06	41° 30' 36.8"	-099° 39' 28.0"	0	(E)	Observed
97	06777600	Lillian Creek	L171	11/13/06	41° 30' 12.5"	-099° 39' 32.0"	0	(E)	Observed
98	413912099340901	Middle Loup River	L174	11/14/06	41° 39' 12.7"	-099° 34' 09.0"	918	(F)	Current Meter
99	413942099403501	Victoria Creek	L175	11/14/06	41° 39' 42.9"	-099° 40' 35.7"	3.67	(F)	ADV
100	06777800	Lillian Creek	L177	11/14/06	41° 37' 33.1"	-099° 34' 13.6"	0	(E)	Observed
101	414300099435301	Middle Loup River	L179	11/13/06	41° 43' 00.3"	-099° 43' 53.0"	913	(G)	Current Meter
102	413751099435201	Victoria Creek	L181	11/13/06	41° 37' 51.7"	-099° 43' 52.1"	2.17	(P)	ADV
103	413832099311201	Middle Loup River	L182	11/14/06	41° 38' 32.8"	-099° 31' 12.1"	997	(F)	Current Meter
104	413825099340501	Lillian Creek	L183	11/14/06	41° 38' 25.2"	-099° 34' 05.8"	0	(E)	Observed
105	413448099353401	Lillian Creek	L184	11/14/06	41° 34' 48.2"	-099° 35' 34.7"	0	(E)	Observed
106	413007099381501	Lillian Creek	L185	11/13/06	41° 30' 07.8"	-099° 38' 15.5"	0	(E)	Observed
107	413739099221901	Middle Loup River	L186	11/15/06	41° 37' 39.2"	-099° 22' 19.0"	1,140	(F)	Current Meter
108	413825099232901	Sand Creek	L187	11/15/06	41° 38' 25.2"	-099° 23' 29.9"	0	(E)	Observed
109	413319099145501	Middle Loup River	L190	11/14/06	41° 33' 19.7"	-099° 14' 55.1"	1,042	(F)	Current Meter
110	412917099115501	Cottonwood Creek	L193	11/14/06	41° 29' 17.5"	-099° 11' 55.1"	0	(E)	Observed
111	412440099080601	Lee Creek	L196	11/14/06	41° 24' 40.9"	-099° 08' 06.0"	0	(E)	Observed
112	413035099082801	Cottonwood Creek	L197	11/14/06	41° 30' 35.7"	-099° 08' 28.5"	0	(E)	Observed
113	412812099191801	Spring Creek	L198	11/14/06	41° 28' 12.9"	-099° 19' 18.2"	0	(E)	Observed
114	413127099062401	Hawthorne Creek	L199	11/14/06	41° 31' 27.0"	-099° 06' 24.7"	0	(E)	Observed
115	412104099022001	Hays Creek	L200	11/14/06	41° 21' 04.6"	-099° 02' 20.6"	0	(E)	Observed

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow meas- ure- ment quality	Stream- flow meas- ure- ment quality	Measurement method
116	412707099012401	Hays Creek	L201	11/14/06	41° 27' 07.2"	-099° 01' 24.5"	0	(E)	Observed
117	412324099053701	Middle Loup River	L202	11/14/06	41° 23' 24.8"	-099° 05' 37.7"	531	(F)	ADV
118	411537098583501	Middle Loup River	L204	11/14/06	41° 15' 37.7"	-098° 58' 35.2"	639	(G)	ADV
119	411550098595701	Cob Creek	L205	11/14/06	41° 15' 50.8"	-098° 59' 57.8"	.050	(P)	Current Meter
120	411928099030801	Cole Creek	L206	11/14/06	41° 19' 28.9"	-099° 03' 08.3"	.057	(P)	ADV
121	411532099041601	Cob Creek	L207	11/14/06	41° 15' 32.5"	-099° 04' 16.7"	0	(E)	Observed
122	411617098581301	Dead Horse Creek	L208	11/14/06	41° 16' 17.4"	-098° 58' 13.0"	.40	(G)	Flume
123	06778500	Deer Creek	L211	11/14/06	41° 05' 38.1"	-098° 42' 37.6"	0.91	(F)	Current Meter
124	411224098572001	Wiggle Creek	L212	11/14/06	41° 12' 24.5"	-098° 57' 20.2"	.009	(P)	Current Meter
125	411135098551901	Middle Loup River	L213	11/14/06	41° 11' 35.1"	-098° 55' 19.0"	536	(F)	ADV
126	410726098501701	Rock Creek	L214	11/14/06	41° 07' 26.5"	-098° 50' 17.8"	0	(E)	Observed
127	411130098525401	Rock Creek	L215	11/14/06	41° 11' 30.7"	-098° 52' 54.1"	0	(E)	Observed
128	410640098501601	Middle Loup River	L216	11/14/06	41° 06' 40.3"	-098° 50' 16.6"	626	(G)	ADV
129	410355098425001	Middle Loup River	L217	11/14/06	41° 03' 55.3"	-098° 42' 50.5"	557	(F)	ADV
130	410433098405801	Deer Creek	L218	11/15/06	41° 04' 33.4"	-098° 40' 58.9"	1.98	(F)	ADV
131	410416098364901	Middle Loup River	L219	11/15/06	41° 04' 16.4"	-098° 36' 49.3"	1,450	(G)	Current Meter
132	410354098404401	South Loup River	L220	11/15/06	41° 03' 54.6"	-098° 40' 44.5"	174	(G)	ADV
133	06781530	South Loup River	L221	11/15/06	41° 01' 56.4"	-098° 44' 23.5"	161	(G)	ADV
134	411132098493101	Deer Creek	L222	11/14/06	41° 11' 32.1"	-098° 49' 31.7"	0	(E)	Observed
135	411131098473301	Deer Creek	L223	11/14/06	41° 11' 31.3"	-098° 47' 33.0"	0	(E)	Observed
136	410854098460001	Deer Creek	L224	11/14/06	41° 08' 54.6"	-098° 46' 00.6"	0	(E)	Observed
137	405920098452401	Cherry Creek	L226	11/15/06	40° 59' 20.7"	-098° 45' 24.9"	0	(E)	Observed
138	410202098522801	South Loup River	L227	11/15/06	41° 02' 02.3"	-098° 52' 28.5"	145	(F)	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow meas- ure- ment quality	Measurement method
139	410158098532101	Beaver Creek	L228	11/15/06	41° 01' 58.6"	-098° 53' 21.9"	.029	(P)	ADV
140	410131098534601	South Loup River	L229	11/15/06	41° 01' 31.4"	-098° 53' 46.2"	156	(F)	ADV
141	410123098552501	Mud Creek	L230	11/15/06	41° 01' 23.0"	-098° 55' 25.1"	12.1	(F)	ADV
142	06782500	South Loup River	L231	11/15/06	41° 00' 42.7"	-098° 54' 51.1"	126	(G)	ADV
143	405815098581101	Cedar Creek	L232	11/15/06	40° 58' 15.8"	-098° 58' 11.5"	0.22	(P)	ADV
144	405458098584301	Cedar Creek	L233	11/14/06	40° 54' 58.8"	-098° 58' 43.1"	0	(E)	Observed
145	405842099034901	Dry Creek	L234	11/15/06	40° 58' 42.2"	-099° 03' 49.6"	0	(E)	Observed
146	405755099045901	South Loup River	L235	11/15/06	40° 57' 55.8"	-099° 04' 59.5"	121	(F)	ADV
147	405644099075001	Rusco Creek	L236	11/14/06	40° 56' 44.0"	-099° 07' 50.3"	0	(E)	Observed
148	405724099093301	South Loup River	L237	11/15/06	40° 57' 24.9"	-099° 09' 33.0"	137	(G)	ADV
149	405829099122801	Swenson Creek	L238	11/15/06	40° 58' 29.6"	-099° 12' 28.3"	0	(E)	Observed
150	405843099131201	South Loup River	L239	11/15/06	40° 58' 43.0"	-099° 13' 12.0"	117	(G)	ADV
151	405734099123801	Deer Creek	L240	11/15/06	40° 57' 34.7"	-099° 12' 38.6"	0	(E)	Observed
152	405827099162601	Death Creek	L241	11/15/06	40° 58' 27.1"	-099° 16' 26.4"	0	(E)	Observed
153	410102099163101	South Loup River	L242	11/15/06	41° 01' 02.9"	-099° 16' 31.9"	120	(G)	ADV
154	410138099170701	Black Hill Creek	L243	11/15/06	41° 01' 38.5"	-099° 17' 07.0"	0	(E)	Observed
155	410146099195101	South Loup River	L244	11/14/06	41° 01' 46.0"	-099° 19' 51.7"	106	(G)	ADV
156	410239099195101	Elk Creek	L245	11/14/06	41° 02' 39.7"	-099° 19' 51.8"	0	(E)	Observed
157	410235099224501	South Loup River	L246	11/14/06	41° 02' 35.5"	-099° 22' 45.3"	115	(G)	ADV
158	410304099252401	South Loup River	L247	11/15/06	41° 03' 04.2"	-099° 25' 24.5"	116	(G)	ADV
159	410255099234101	Cat Creek	L248	11/15/06	41° 02' 55.3"	-099° 23' 41.3"	0	(E)	Observed
160	41019099093501	Dry Creek	L249	11/14/06	41° 01' 19.0"	-099° 09' 35.6"	0	(E)	Observed
161	410833099211701	Elk Creek	L250	11/14/06	41° 08' 33.2"	-099° 21' 17.8"	0	(E)	Observed

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow measurement (ft ³ /s)	Stream- flow measure- ment quality	Measurement method
162	410850099261101	Cat Creek	L251	11/14/06	41° 08' 50.0"	-099° 26' 11.0"	0	(E)	Observed
163	410319099255701	Sand Creek	L252	11/15/06	41° 03' 19.7"	-099° 25' 57.7"	0	(E)	Observed
164	410543099294501	South Loup River	L254	11/14/06	41° 05' 43.0"	-099° 29' 45.1"	107	(G)	ADV
165	410616099291601	Box Elder Creek	L255	11/14/06	41° 06' 16.6"	-099° 29' 16.8"	0	(E)	Observed
166	410705099315001	Deer Creek	L256	11/14/06	41° 07' 05.7"	-099° 31' 50.0"	0	(E)	Observed
167	410740099333401	South Loup River	L257	11/14/06	41° 07' 40.0"	-099° 33' 34.0"	107	(G)	ADV
168	411214099341801	Deer Creek	L258	11/14/06	41° 12' 14.9"	-099° 34' 18.7"	0	(E)	Observed
169	411113099305301	Box Elder Creek	L259	11/14/06	41° 11' 13.3"	-099° 30' 53.8"	0	(E)	Observed
170	411034099292001	East Box Elder Creek	L260	11/14/06	41° 10' 34.4"	-099° 29' 20.0"	0	(E)	Observed
171	411035099375001	South Loup River	L262	11/14/06	41° 10' 35.0"	-099° 37' 50.0"	97.5	(G)	ADV
172	411343099410501	Ash Creek	L263	11/14/06	41° 13' 43.2"	-099° 41' 05.3"	0	(E)	Observed
173	411134099422901	South Loup River	L264	11/14/06	41° 11' 34.0"	-099° 42' 29.0"	93	(G)	ADV
174	411331099394801	Ash Creek	L265	11/14/06	41° 13' 31.1"	-099° 39' 48.9"	0	(E)	Observed
175	411403099453201	South Loup River	L266	11/14/06	41° 14' 03.1"	-099° 45' 32.9"	86.4	(G)	ADV
176	411606099474901	Spring Creek	L267	11/14/06	41° 16' 06.2"	-099° 47' 49.8"	.36	(P)	ADV
177	411550099475201	South Loup River	L268	11/14/06	41° 15' 50.0"	-099° 47' 52.2"	77	(G)	ADV
178	06782900	Mud Creek Tributary	L285	11/14/06	41° 22' 31.5"	-099° 38' 16.6"	0	(E)	Observed
179	410849099420901	Burr Oak Creek	L290	11/14/06	41° 08' 49.5"	-099° 42' 09.6"	0	(E)	Observed
180	411310099273401	Elk Creek	L291	11/14/06	41° 13' 10.2"	-099° 27' 34.4"	0	(E)	Observed
181	410614098555001	Beaver Creek	L292	11/15/06	41° 06' 14.8"	-098° 55' 50.2"	0	(E)	Observed
182	410155098562201	Dry Creek	L293	11/15/06	41° 01' 55.9"	-098° 56' 22.9"	0	(E)	Observed
183	410216098593401	Mud Creek	L294	11/15/06	41° 02' 16.6"	-098° 59' 34.7"	9.66	(F)	ADV
184	410616098583901	Dry Creek	L295	11/15/06	41° 06' 16.0"	-098° 58' 39.3"	0	(E)	Observed

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow meas- ure- ment quality	Measurement method
185	410313099013301	Bloody Run Creek	L296	11/15/06	41° 03' 13.6"	-099° 01' 33.8"	0	(E)	Observed
186	410710099015901	Bloody Run Creek	L297	11/15/06	41° 07' 10.3"	-099° 01' 59.1"	0	(E)	Observed
187	410332099020301	Mud Creek	L298	11/15/06	41° 03' 32.0"	-099° 02' 03.0"	12.2	(G)	ADV
188	410511099052701	Mud Creek	L299	11/15/06	41° 05' 11.0"	-099° 05' 27.3"	13.4	(P)	ADV
189	410525099061801	Spring Branch	L301	11/15/06	41° 05' 25.4"	-099° 06' 18.5"	0	(E)	Observed
190	410844099063401	Clear Creek	L302	11/15/06	41° 08' 44.7"	-099° 06' 34.4"	0	(E)	Observed
191	410800099063401	Mud Creek	L303	11/15/06	41° 08' 00.6"	-099° 06' 34.3"	11	(G)	ADV
192	410845099081701	Mud Creek	L304	11/15/06	41° 08' 45.5"	-099° 08' 17.0"	10.8	(G)	ADV
193	410851099092701	Mud Creek	L305	11/15/06	41° 08' 51.7"	-099° 09' 27.6"	10.8	(G)	ADV
194	410813099090601	Oak Creek	L306	11/15/06	41° 08' 13.6"	-099° 09' 06.6"	0	(E)	Observed
195	411048099121801	Mud Creek	L307	11/15/06	41° 10' 48.7"	-099° 12' 18.8"	9.64	(G)	ADV
196	410945099133301	Dutch Creek	L308	11/15/06	41° 09' 45.4"	-099° 13' 33.9"	0	(E)	Observed
197	411119099143501	Stoddard Creek	L309	11/15/06	41° 11' 19.1"	-099° 14' 35.7"	0	(E)	Observed
198	411144099134301	Mud Creek	L310	11/14/06	41° 11' 44.2"	-099° 13' 43.6"	9.05	(P)	ADV
199	411349099180001	Mud Creek	L311	11/14/06	41° 13' 49.1"	-099° 18' 00.5"	6.39	(P)	ADV
200	411356099092001	Clear Creek	L312	11/14/06	41° 13' 56.0"	-099° 09' 20.7"	0	(E)	Observed
201	411642099111501	Clear Creek	L313	11/14/06	41° 16' 42.9"	-099° 11' 15.2"	0	(E)	Observed
202	411826099123701	Clear Creek	L314	11/14/06	41° 18' 26.6"	-099° 12' 37.2"	0	(E)	Observed
203	412338099174701	Clear Creek	L315	11/14/06	41° 23' 38.6"	-099° 17' 47.5"	0	(E)	Observed
204	411625099220101	Mud Creek	L316	11/14/06	41° 16' 25.3"	-099° 22' 01.0"	4.01	(P)	ADV
205	412339099221201	Clear Creek	L317	11/14/06	41° 23' 39.3"	-099° 22' 12.6"	0	(E)	Observed
206	411919099274301	Mud Creek	L318	11/14/06	41° 19' 19.0"	-099° 27' 43.1"	.75	(P)	ADV
207	412710099262401	Clear Creek	L319	11/14/06	41° 27' 10.5"	-099° 26' 24.6"	0	(E)	Observed

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

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Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow measure- ment quality	Stream- flow measure- ment quality	Measurement method
208	06783000	Mud Creek	L320	11/14/06	41° 22' 27.5"	-099° 35' 07.8"	(P)	.70	ADV
209	412852099354501	Clear Creek	L321	11/13/06	41° 28' 52.5"	-099° 35' 45.0"	(E)	0	Observed
210	412848099375801	Clear Creek	L322	11/13/06	41° 28' 48.3"	-099° 37' 58.5"	(E)	0	Observed
211	06782800	North Branch Mud Creek	L323	11/14/06	41° 24' 32.9"	-099° 39' 41.0"	(E)	0	Observed
212	06782620	Mud Creek	L324	11/14/06	41° 24' 33.2"	-099° 40' 45.1"	(E)	0	Observed
213	412616099454801	Mud Creek	L326	11/14/06	41° 26' 16.3"	-099° 45' 48.7"	(E)	0	Observed
214	405948098475301	Sweet Creek	L327	11/14/06	40° 59' 48.5"	-098° 47' 53.0"	(E)	0	Observed
215	405551098540601	Sweet Creek	L328	11/15/06	40° 55' 51.1"	-098° 54' 06.1"	(E)	0	Observed
216	410638098315301	Middle Loup River	L329	11/15/06	41° 06' 38.7"	-098° 31' 53.8"	(G)	909	ADV
217	410802098295401	Big Slough	L330	11/15/06	41° 08' 02.0"	-098° 29' 54.0"	(P)	0.093	ADV
218	06784510	Oak Creek	L331	11/15/06	41° 06' 46.0"	-098° 33' 07.0"	(G)	24.3	ADV
219	06785000	Middle Loup River	L332	11/16/06	41° 12' 12.6"	-098° 26' 46.0"	(F)	1,820	Current Meter
220	06784820	Turkey Creek	L333	11/15/06	41° 10' 54.0"	-098° 29' 44.0"	(F)	1.63	ADV
221	06784800	Turkey Creek	L334	11/15/06	41° 09' 25.0"	-098° 33' 26.0"	(G)	8.73	ADV
222	411129098363501	Cow Creek	L335	11/15/06	41° 11' 29.0"	-098° 36' 35.0"	(F)	1.20	ADV
223	06784750	Turkey Creek	L336	11/15/06	41° 10' 48.0"	-098° 36' 47.0"	(G)	2.44	ADV
224	410803098370901	Oak Creek	L337	11/15/06	41° 08' 03.0"	-098° 37' 09.0"	(G)	19.5	ADV
225	06784400	Oak Creek	L338	11/14/06	41° 11' 29.2"	-098° 41' 26.0"	(P)	15.0	Current Meter
226	06784700	Turkey Creek	L339	11/14/06	41° 13' 13.4"	-098° 40' 47.0"	(F)	1.58	Current Meter
227	411828098473801	Turkey Creek	L340	11/14/06	41° 18' 29.0"	-098° 47' 38.3"	(E)	0	Observed
228	411449098472501	Oak Creek	L341	11/14/06	41° 14' 49.8"	-098° 47' 25.6"	(F)	8.77	Current Meter
229	06784300	Oak Creek	L342	11/14/06	41° 17' 36.7"	-098° 52' 06.2"	(P)	4.55	Current Meter
230	412112098561501	Oak Creek	L343	11/14/06	41° 21' 12.1"	-098° 56' 15.2"	(E)	0	Observed

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow measure- ment quality	Measurement method
231	412432098581501	Oak Creek	L344	11/14/06	41° 24' 32.0"	-098° 58' 15.4"	0	(E)	Observed
232	411545098270001	North Loup River	L346	11/16/06	41° 15' 45.5"	-098° 27' 00.9"	830	(F)	Current Meter
233	411615098261801	Cady Creek	L348	11/15/06	41° 16' 15.7"	-098° 26' 18.1"	.063	(P)	ADV
234	411642098291901	Cedar Creek	L349	11/15/06	41° 16' 42.8"	-098° 29' 19.3"	.13	(P)	ADV
235	411737098331701	North Loup River	L350	11/16/06	41° 17' 37.1"	-098° 33' 17.9"	968	(F)	ADV
236	06790245	Auger Creek	L351	11/16/06	41° 17' 38.0"	-098° 34' 28.3"	2.24	(F)	ADV
237	411936098341601	Moffet Creek	L352	11/16/06	41° 19' 36.6"	-098° 34' 16.0"	0	(E)	Observed
238	411921098344301	Munson Creek	L353	11/16/06	41° 19' 21.4"	-098° 34' 43.4"	4.13	(F)	ADV
239	412126098364601	North Loup River	L354	11/15/06	41° 21' 26.0"	-098° 36' 46.0"	838	(F)	ADV
240	412129098280101	Cady Creek	L355	11/15/06	41° 21' 29.1"	-098° 28' 01.5"	0	(E)	Observed
241	412246098310901	Cedar Creek	L356	11/15/06	41° 22' 46.4"	-098° 31' 09.4"	0	(E)	Observed
242	06790900	Mary's Creek	L358	11/16/06	41° 24' 02.2"	-098° 23' 42.7"	0	(E)	Observed
243	411813098401201	Munson Creek	L359	11/15/06	41° 18' 13.8"	-098° 40' 12.0"	.74	(P)	ADV
244	412430098380501	Fish Creek	L360	11/15/06	41° 24' 30.3"	-098° 38' 05.5"	.061	(P)	ADV
245	412430098375601	Dry Creek	L361	11/15/06	41° 54' 30.0"	-099° 33' 24.0"	0	(E)	Observed
246	412757098352401	Dry Creek	L362	11/15/06	41° 27' 57.7"	-098° 35' 25.0"	0	(E)	Observed
247	412757098372301	Fish Creek	L363	11/15/06	41° 27' 57.5"	-098° 37' 24.0"	0	(E)	Observed
248	06789500	Davis Creek	L364	11/14/06	41° 24' 00.9"	-098° 41' 02.8"	9.11	(P)	Current Meter
249	06789400	Davis Creek	L366	11/14/06	41° 24' 32.7"	-098° 48' 34.2"	.15	(P)	Current Meter
250	06789300	Davis Creek	L368	11/14/06	41° 24' 48.1"	-098° 51' 59.7"	0	(E)	Observed
251	06789000	North Loup River	L369	11/15/06	41° 27' 58.3"	-098° 43' 15.8"	945	(G)	Current Meter
252	412759098412501	Wallace Creek	L370	11/15/06	41° 27' 59.3"	-098° 41' 25.7"	.041	(P)	ADV
253	413218098394901	Wallace Creek	L371	11/15/06	41° 32' 18.5"	-098° 39' 49.7"	0	(E)	Observed

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow meas- ure- ment quality	Stream- flow (ft ³ /s)	Measurement method
254	412937098450301	Mira Creek	L373	11/15/06	41° 29' 37.7"	-098° 45' 03.5"	(F)	5.16	Current Meter
255	413034098441501	Shepard Creek	L374	11/15/06	41° 30' 34.7"	-098° 44' 15.7"	(P)	.24	ADV
256	413034098450701	North Loup River	L375	11/15/06	41° 30' 34.6"	-098° 45' 07.1"	(G)	966	Current Meter
257	412953098464701	Mira Creek	L376	11/15/06	41° 29' 53.7"	-098° 46' 47.8"	(F)	4.18	Current Meter
258	412917098485501	South Branch Mira Creek	L377	11/14/06	41° 29' 17.4"	-098° 48' 55.5"	(F)	.77	ADV
259	412807098541701	South Branch Mira Creek	L379	11/14/06	41° 28' 07.9"	-098° 54' 17.4"	(E)	0	Observed
260	413111098541701	North Branch Mira Creek	L380	11/14/06	41° 31' 11.3"	-098° 54' 17.9"	(P)	1.87	Current Meter
261	412852099581701	North Branch Mira Creek	L381	11/14/06	41° 28' 52.1"	-098° 58' 17.4"	(E)	0	Observed
262	413514098461301	Messenger Creek	L382	11/15/06	41° 35' 14.4"	-098° 46' 13.8"	(P)	3	Current Meter
263	413614098522301	Elm Creek	L383	11/15/06	41° 36' 14.3"	-098° 52' 24.0"	(E)	0	Observed
264	414139098493401	Elm Creek	L385	11/15/06	41° 41' 39.7"	-098° 49' 34.9"	(E)	0	Observed
265	06788495	Dane Creek	L386	11/14/06	41° 36' 30.9"	-098° 56' 35.7"	(P)	.88	ADV
266	413404098590801	Dane Creek	L387	11/15/06	41° 34' 04.9"	-098° 59' 08.1"	(P)	.81	Current Meter
267	413929098574501	North Branch Turtle Creek	L388	11/15/06	41° 39' 29.0"	-098° 57' 45.5"	(F)	5.61	ADV
268	414116098574101	Gravel Creek	L389	11/15/06	41° 41' 16.9"	-098° 57' 41.9"	(E)	0	Observed
269	414001099014701	North Branch Turtle Creek	L390	11/15/06	41° 40' 01.9"	-099° 01' 47.7"	(P)	.040	Current Meter
270	413928099014601	South Branch Turtle Creek	L391	11/15/06	41° 39' 28.4"	-099° 01' 46.9"	(F)	1.98	Current Meter
271	414132099002001	North Loup River	L392	11/15/06	41° 41' 32.2"	-099° 00' 20.5"	(P)	823	ADV
272	06788500	North Loup River	L393	11/15/06	41° 36' 22.9"	-098° 55' 10.9"	(F)	761	Current Meter
273	413844098552701	Haskell Creek	L394	11/15/06	41° 38' 44.7"	-098° 55' 27.7"	(F)	0.45	ADV
274	414257098550501	Haskell Creek	L395	11/15/06	41° 42' 57.8"	-098° 55' 05.2"	(E)	0	Observed
275	414315099014701	Bean Creek	L396	11/15/06	41° 43' 15.9"	-099° 01' 47.8"	(P)	1.98	ADV
276	414340099035501	North Loup River	L397	11/15/06	41° 43' 40.8"	-099° 03' 55.1"	(P)	810	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow measure- ment quality	Measurement method
277	413641099031801	South Branch Turtle Creek	L398	11/15/06	41° 36' 41.6"	-099° 03' 18.7"	.003	(P)	Current Meter
278	414058099074101	North Branch Turtle Creek	L399	11/15/06	41° 40' 58.8"	-099° 07' 41.1"	0	(E)	Observed
279	414632099002801	Bean Creek	L400	11/15/06	41° 46' 32.2"	-099° 00' 28.4"	0	(E)	Observed
280	414706099092601	North Loup River	L402	11/15/06	41° 47' 06.0"	-099° 09' 26.6"	692	(G)	ADV
281	414836099105901	Calamus River	L403	11/15/06	41° 48' 36.7"	-099° 10' 59.4"	104	(G)	Current Meter
282	414533099141401	Sioux Creek	L404	11/15/06	41° 45' 33.7"	-099° 14' 14.8"	.040	(P)	ADV
283	414616099131801	North Loup River	L405	11/15/06	41° 46' 16.1"	-099° 13' 18.2"	646	(G)	ADV
284	414636099224701	North Loup River	L406	11/14/06	41° 46' 36.7"	-099° 22' 47.6"	457	(G)	ADV
285	414547099165101	Cedar Creek	L407	11/14/06	41° 45' 47.6"	-099° 16' 51.8"	0	(E)	Observed
286	414532099174901	North Loup River	L408	11/15/06	41° 45' 32.0"	-099° 17' 49.4"	608	(G)	ADV
287	415354099143001	Dry Creek	L409	11/14/06	41° 53' 54.4"	-099° 14' 30.5"	.13	(P)	Current Meter
288	414648099051701	Jones Canyon	L410	11/15/06	41° 46' 48.5"	-099° 05' 17.4"	0	(E)	Observed
289	415530099191101	Gracie Creek	L411	11/14/06	41° 55' 30.8"	-099° 19' 11.9"	18.6	(G)	Current Meter
290	415905099180501	Gracie Creek	L412	11/14/06	41° 59' 05.3"	-099° 18' 05.2"	0	(E)	Observed
291	420425099205501	Gracie Creek	L413	11/14/06	42° 04' 25.5"	-099° 20' 55.2"	0	(E)	Observed
292	06787000	Calamus River	L414	11/14/06	41° 56' 49.2"	-099° 23' 09.7"	215	(G)	ADV
293	415936099271201	Calamus River	L415	11/14/06	41° 59' 36.3"	-099° 27' 12.0"	183	(G)	Current Meter
294	420316099315201	Calamus River	L416	11/14/06	42° 03' 16.0"	-099° 31' 52.7"	149	(G)	ADV
295	420512099343601	Skull Creek	L417	11/14/06	42° 05' 12.1"	-099° 34' 36.1"	2.70	(P)	Current Meter
296	420511099370701	Calamus River	L418	11/14/06	42° 05' 11.1"	-099° 37' 07.0"	125	(G)	Current Meter
297	420511099325601	Bloody Creek	L419	11/14/06	42° 05' 11.5"	-099° 32' 56.0"	1.73	(F)	ADV
298	420747099361501	Skull Creek	L420	11/14/06	42° 07' 47.9"	-099° 36' 15.5"	2.40	(G)	Current Meter
299	420644099431901	Calamus River	L421	11/14/06	42° 06' 44.8"	-099° 43' 19.9"	103	(G)	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error), ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow measure- ment quality	Stream- flow measure- ment quality	Measurement method
300	414741099271201	North Loup River	L427	11/14/06	41° 47' 41.4"	-099° 27' 12.1"	(G)	528	ADV
301	415215099352601	North Loup River	L428	11/13/06	41° 52' 15.3"	-099° 35' 26.8"	(F)	478	ADV
302	415525099422101	North Loup River	L429	11/13/06	41° 55' 25.8"	-099° 42' 21.2"	(P)	444	ADV
303	413614098493301	Spring Creek	L50	11/15/06	41° 36' 14.3"	-098° 49' 33.4"	(F)	.54	Current Meter
304	06692000	Birdwood Creek	M124	11/21/06	41° 13' 17.7"	-101° 04' 12.6"	(F)	163	Current Meter
305	411711101052201	Birdwood Creek	M125	11/21/06	41° 17' 11.6"	-101° 05' 22.2"	(F)	154	Current Meter
306	411728099534401	Cottonwood Creek	M269	11/13/06	41° 17' 28.8"	-099° 53' 44.5"	(E)	0	Observed
307	411730099543401	Sand Creek	M270	11/13/06	41° 17' 30.0"	-099° 54' 34.0"	(P)	.43	ADV
308	411639099511501	South Loup River	M271	11/14/06	41° 16' 39.4"	-099° 51' 15.6"	(G)	69.8	ADV
309	06781800	South Loup River	M272	11/13/06	41° 18' 11.3"	-099° 55' 51.5"	(G)	60.8	ADV
310	411520099534001	Cottonwood Creek	M273	11/13/06	41° 15' 20.7"	-099° 53' 40.7"	(E)	0	Observed
311	411138099562201	Cottonwood Creek	M274	11/13/06	41° 11' 38.4"	-099° 56' 22.7"	(E)	0	Observed
312	411723100004001	Sand Creek	M275	11/13/06	41° 17' 23.3"	-100° 00' 40.0"	(E)	0	Observed
313	412101099595301	South Loup River	M276	11/13/06	41° 21' 01.2"	-099° 59' 53.0"	(G)	55.8	ADV
314	412137100051801	Sand Creek	M277	11/13/06	41° 21' 37.1"	-100° 05' 18.7"	(E)	0	Observed
315	411548100062101	Sand Creek	M278	11/13/06	41° 15' 48.7"	-100° 06' 21.6"	(E)	0	Observed
316	412202100050001	South Loup River	M279	11/13/06	41° 22' 02.0"	-100° 04' 60.0"	(G)	51	ADV
317	412311100063901	South Loup River	M280	11/13/06	41° 23' 11.0"	-100° 06' 39.0"	(G)	44.3	ADV
318	412450100113601	South Loup River	M281	11/13/06	41° 24' 50.0"	-100° 11' 36.0"	(G)	23.5	ADV
319	412430100111501	Sand Creek	M282	11/13/06	41° 24' 30.0"	-100° 11' 15.0"	(P)	.17	ADV
320	412335100152401	Sand Creek	M283	11/13/06	41° 23' 35.8"	-100° 15' 24.5"	(E)	0	Observed
321	412822100162001	South Loup River	M284	11/13/06	41° 28' 22.1"	-100° 16' 20.0"	(G)	14.5	ADV
322	413045100202301	South Loup River	M286	11/13/06	41° 30' 45.6"	-100° 20' 23.5"	(G)	14.7	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow measure- ment quality	Measurement method
323	412906100252601	South Loup River	M287	11/13/06	41° 29' 06.9"	-100° 25' 26.8"	4.36	(F)	ADV
324	412148101053001	West Birdwood Creek	M629	11/21/06	41° 21' 48.2"	-101° 05' 30.7"	60.6	(F)	Current Meter
325	412230101051301	North Fork Birdwood Creek	M630	11/21/06	41° 22' 30.1"	-101° 05' 13.1"	74.8	(F)	Current Meter
326	412950100300801	South Loup River	M632	11/13/06	41° 29' 50.8"	-100° 30' 08.0"	2.39	(P)	ADV
327	423211098595801	Elkhorn River	O1	11/16/06	42° 32' 11.8"	-098° 59' 58.8"	12.8	(F)	ADV
328	42354009085301	Elkhorn River	O10	11/17/06	42° 35' 40.1"	-099° 08' 53.7"	5.78	(F)	ADV
329	420320097242701	North Fork Elkhorn River	O100	11/17/06	42° 03' 20.0"	-097° 24' 27.0"	54.8	(F)	ADV
330	06799100	North Fork Elkhorn River	O101	11/17/06	42° 08' 54.6"	-097° 28' 42.7"	40.2	(G)	ADV
331	06799110	North Fork Elkhorn River	O103	11/17/06	42° 06' 19.0"	-097° 26' 03.7"	53.7	(G)	ADV
332	420606097270301	Hadar Creek	O104	11/17/06	42° 06' 06.9"	-097° 27' 03.9"	.11	(P)	ADV
333	06799040	Yankton Slough	O105	11/17/06	42° 12' 42.6"	-097° 30' 17.4"	.14	(P)	ADV
334	421156097305301	North Fork Elkhorn River	O106	11/17/06	42° 11' 56.4"	-097° 30' 53.8"	29.6	(G)	ADV
335	421313097310201	North Fork Elkhorn River	O107	11/17/06	42° 13' 13.9"	-097° 31' 02.0"	28.3	(G)	ADV
336	06799080	Willow Creek	O108	11/17/06	42° 10' 37.9"	-097° 40' 02.7"	9.60	(G)	ADV
337	421141097323501	Willow Creek	O109	11/17/06	42° 11' 41.2"	-097° 32' 35.7"	4.46	(F)	ADV
338	423401099051801	Elkhorn River	O11	11/17/06	42° 34' 00.4"	-099° 05' 18.5"	12.7	(F)	ADV
339	421221097462401	Willow Creek	O110	11/17/06	42° 12' 21.7"	-097° 46' 24.4"	3.70	(G)	ADV
340	421344097511901	Willow Creek	O111	11/17/06	42° 13' 44.9"	-097° 51' 19.1"	0	(E)	Observed
341	421416097323601	North Fork Elkhorn River	O113	11/17/06	42° 14' 16.5"	-097° 32' 36.6"	16.6	(G)	ADV
342	06799030	Dry Creek	O114	11/17/06	42° 14' 09.4"	-097° 32' 37.4"	10.3	(F)	ADV
343	421735097353901	North Fork Elkhorn River	O116	11/17/06	42° 17' 35.2"	-097° 35' 39.3"	14.1	(G)	ADV
344	421945097371601	North Fork Elkhorn River	O117	11/17/06	42° 19' 45.2"	-097° 37' 16.2"	11.3	(G)	ADV
345	422104097370701	North Fork Elkhorn River	O118	11/17/06	42° 21' 04.0"	-097° 37' 07.1"	7.56	(G)	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

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Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow meas- ure- ment quality	Stream- flow (ft ³ /s)	Measurement method
346	422103097375301	West Branch North Fork Elkhorn	O119	11/17/06	42° 21' 03.8"	-097° 37' 53.4"	(G)	1.15	ADV
347	423312099051701	Keegan Creek	O12	11/17/06	42° 33' 12.8"	-099° 05' 17.8"	(G)	0.13	Flume
348	421637097393501	Dry Creek	O121	11/17/06	42° 16' 37.3"	-097° 39' 35.2"	(F)	4.26	ADV
349	421843097430401	Dry Creek	O122	11/17/06	42° 18' 43.3"	-097° 43' 04.2"	(F)	.97	ADV
350	423302099040401	Elkhorn River	O13	11/17/06	42° 33' 02.1"	-099° 04' 04.9"	(F)	14.3	ADV
351	423112099100001	Keegan Creek	O14	11/17/06	42° 31' 12.1"	-099° 10' 00.6"	(E)	0	Observed
352	06796970	Elkhorn River	O15	11/17/06	42° 31' 04.8"	-098° 58' 19.2"	(P)	11.4	ADV
353	423025098581501	Dry Creek	O16	11/17/06	42° 30' 25.7"	-098° 58' 15.8"	(E)	0	Observed
354	422936099025701	Dry Creek	O17	11/17/06	42° 29' 36.1"	-099° 02' 57.8"	(P)	.24	ADV
355	422800099073801	Dry Creek	O18	11/17/06	42° 28' 00.2"	-099° 07' 38.8"	(E)	0	Observed
356	422822098511201	Elkhorn River	O19	11/17/06	42° 28' 22.2"	-098° 51' 12.4"	(F)	13.7	ADV
357	423630099253401	North Branch Elkhorn River	O2	11/15/06	42° 36' 30.7"	-099° 25' 34.2"	(E)	0	Observed
358	06796985	Elkhorn River	O20	11/17/06	42° 28' 11.9"	-098° 47' 40.4"	(F)	21.9	ADV
359	422521098513901	Holt Creek	O22	11/16/06	42° 25' 20.9"	-098° 51' 38.3"	(F)	12	ADV
360	422233098574901	Holt Creek	O23	11/16/06	42° 22' 33.7"	-098° 57' 49.8"	(G)	3.94	ADV
361	422221099033801	Holt Creek	O24	11/17/06	42° 22' 21.3"	-099° 03' 38.7"	(F)	.12	ADV
362	422737098440801	Elkhorn River	O28	11/17/06	42° 27' 37.2"	-098° 44' 08.9"	(G)	22.8	ADV
363	422620098370601	Elkhorn River	O29	11/16/06	42° 26' 20.0"	-098° 37' 06.0"	(G)	25.1	ADV
364	423630099170001	North Branch Elkhorn River	O3	11/15/06	42° 36' 30.6"	-099° 17' 00.7"	(E)	0	Observed
365	06797200	Dry Creek	O30	11/17/06	42° 24' 42.8"	-098° 37' 41.4"	(F)	7.09	ADV
366	422559098355401	Elkhorn River	O31	11/16/06	42° 25' 59.0"	-098° 35' 54.6"	(F)	41.1	ADV
367	422154098390601	Dry Creek	O32	11/17/06	42° 21' 54.3"	-098° 39' 06.6"	(F)	2.93	ADV
368	421619098553001	Dry Creek	O35	11/16/06	42° 16' 19.7"	-098° 55' 30.6"	(F)	.37	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow measure- ment quality	Measurement method
369	06797400	Elkhorn River	O36	11/16/06	42° 23' 42.2"	-098° 30' 32.5"	31.3	(G)	ADV
370	422007098254901	Elkhorn River	O37	11/16/06	42° 20' 07.8"	-098° 25' 49.0"	35.3	(G)	ADV
371	06797500	Elkhorn River	O38	11/17/06	42° 16' 06.4"	-098° 20' 21.8"	51.4	(F)	Current Meter
372	421504098202201	South Fork Elkhorn River	O39	11/16/06	42° 15' 04.1"	-098° 20' 22.0"	41.7	(G)	ADV
373	06796950	South Fork Elkhorn River	O4	11/17/06	42° 35' 40.6"	-099° 12' 28.7"	2.33	(G)	ADV
374	421454098184901	Elkhorn River	O40	11/17/06	42° 14' 54.3"	-098° 18' 49.6"	93.7	(F)	Current Meter
375	06798150	Cache Creek	O42	11/17/06	42° 13' 42.6"	-098° 18' 26.9"	8.99	(F)	Current Meter
376	421430098235201	South Fork Elkhorn River	O43	11/17/06	42° 14' 30.1"	-098° 23' 52.9"	32.6	(F)	ADV
377	421542098390501	South Fork Elkhorn River	O45	11/16/06	42° 15' 42.7"	-098° 39' 05.0"	5.10	(P)	Current Meter
378	421440098445601	South Fork Elkhorn River	O47	11/16/06	42° 14' 40.2"	-098° 44' 56.9"	3.97	(G)	Current Meter
379	421216098525801	South Fork Elkhorn River	O48	11/17/06	42° 12' 16.6"	-098° 52' 58.2"	.33	(P)	ADV
380	421251098580601	South Fork Elkhorn River	O49	11/16/06	42° 12' 51.2"	-098° 58' 06.0"	0	(E)	Observed
381	423315099155301	South Fork Elkhorn River	O5	11/15/06	42° 33' 15.1"	-099° 15' 53.8"	3.03	(F)	ADV
382	421241098235201	Cache Creek	O51	11/17/06	42° 12' 41.4"	-098° 23' 52.7"	5.75	(F)	Current Meter
383	421056098283301	Cache Creek	O52	11/16/06	42° 10' 56.5"	-098° 28' 33.8"	1.87	(P)	ADV
384	420839098342501	Cache Creek	O53	11/16/06	42° 08' 39.2"	-098° 34' 25.0"	.80	(P)	ADV
385	420548098930401	Cache Creek	O54	11/16/06	42° 05' 48.9"	-098° 39' 04.3"	0	(E)	Observed
386	06798300	Clearwater Creek	O55	11/17/06	42° 08' 23.4"	-098° 12' 14.4"	23.2	(G)	ADV
387	421203098140501	Elkhorn River	O56	11/17/06	42° 12' 03.3"	-098° 14' 05.7"	105	(G)	ADV
388	421046098110301	Elkhorn River	O57	11/17/06	42° 10' 46.2"	-098° 11' 03.8"	103	(G)	ADV
389	06798302	Clearwater Creek	O58	11/17/06	42° 10' 07.2"	-098° 10' 28.9"	25.6	(G)	ADV
390	421059098091801	Hackberry Creek	O59	11/17/06	42° 10' 59.0"	-098° 09' 18.5"	0	(E)	Observed
391	06465310	Eagle Creek	O592	11/16/06	42° 45' 48.5"	-098° 34' 26.1"	40.3	(G)	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow measure- ment quality	Stream- flow measure- ment quality	Measurement method
392	424401098392701	Eagle Creek	O593	11/16/06	42° 44' 01.8"	-098° 39' 27.8"	(G)	30.3	ADV
393	424149098371101	Camp Creek	O594	11/16/06	42° 41' 49.2"	-098° 37' 11.2"	(G)	.14	Flume
394	424128098435201	Eagle Creek	O595	11/16/06	42° 41' 28.3"	-098° 43' 52.7"	(G)	25.3	ADV
395	424056098424201	Honey Creek	O596	11/16/06	42° 40' 56.2"	-098° 42' 42.9"	(G)	2.50	ADV
396	06465440	Redbird Creek	O597	11/16/06	42° 45' 34.9"	-098° 26' 28.3"	(G)	33.4	ADV
397	424056098325801	Redbird Creek	O598	11/16/06	42° 40' 56.7"	-098° 32' 58.5"	(F)	23.7	ADV
398	06465420	Blackbird Creek	O599	11/16/06	42° 40' 09.8"	-098° 35' 56.6"	(G)	5.33	ADV
399	423206099155201	Dry Creek	O6	11/15/06	42° 32' 06.7"	-099° 15' 52.2"	(E)	0	Observed
400	421014098092701	Elkhorn River	O60	11/17/06	42° 10' 14.7"	-098° 09' 27.9"	(F)	127	ADV
401	423827098332201	Redbird Creek	O600	11/16/06	42° 38' 27.4"	-098° 31' 22.6"	(F)	15.9	ADV
402	424057098322601	Spring Creek	O601	11/16/06	42° 40' 57.4"	-098° 32' 26.5"	(P)	2.11	Current Meter
403	06465700	Verdigre Creek	O602	11/17/06	42° 40' 60.0"	-098° 01' 60.0"	(G)	93.4	ADV
404	423441098033901	North Branch Verdigre Creek	O603	11/16/06	42° 34' 41.3"	-098° 03' 39.1"	(G)	25.7	ADV
405	423550098080301	North Branch Verdigre Creek	O604	11/16/06	42° 35' 50.8"	-098° 08' 03.5"	(F)	24.5	ADV
406	423154098054201	Verdigre Creek	O605	11/16/06	42° 31' 54.6"	-098° 05' 42.8"	(F)	66.5	ADV
407	06465685	Verdigre Creek	O607	11/16/06	42° 35' 30.3"	-098° 02' 01.1"	(P)	112	ADV
408	424819098443501	Turkey Creek	O608	11/16/06	42° 48' 19.0"	-098° 44' 35.5"	(P)	5.44	ADV
409	425057098543401	Big Sandy Creek	O610	11/15/06	42° 50' 57.8"	-098° 54' 34.1"	(G)	37.8	ADV
410	425027099064001	Beaver Creek	O611	11/15/06	42° 50' 27.4"	-099° 06' 40.3"	(P)	7.66	ADV
411	420724098143301	Clearwater Creek	O62	11/17/06	42° 07' 24.0"	-098° 14' 33.6"	(G)	18.8	ADV
412	420433097500401	Al Hopkins Creek	O627	11/17/06	42° 04' 33.4"	-097° 50' 04.6"	(P)	.060	Current Meter
413	420259097501401	Giles Creek	O628	11/17/06	42° 02' 59.2"	-097° 50' 14.6"	(P)	2.48	Current Meter
414	420633098180101	Clearwater Creek	O63	11/17/06	42° 06' 33.2"	-098° 18' 01.1"	(F)	14.7	Current Meter

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow measure- ment quality	Measurement method
415	06796973	Elkhorn River	O66	11/16/06	42° 29' 09.7"	-098° 54' 40.8"	13.7	(F)	ADV
416	420731098015101	Elkhorn River	O67	11/17/06	42° 07' 31.2"	-098° 01' 51.7"	151	(G)	ADV
417	06798450	Antelope Creek	O68	11/17/06	42° 07' 22.0"	-098° 05' 14.0"	.59	(G)	ADV
418	420820098025401	Hail Creek	O69	11/17/06	42° 08' 20.5"	-098° 02' 54.2"	0	(E)	Observed
419	422844099202701	Dry Creek	O7	11/15/06	42° 28' 44.3"	-099° 20' 27.8"	0	(E)	Observed
420	420727098012601	Belmer Creek	O70	11/17/06	42° 07' 27.3"	-098° 01' 26.8"	.10	(P)	ADV
421	420515097581301	Elkhorn River	O71	11/17/06	42° 05' 15.9"	-097° 58' 13.8"	162	(F)	ADV
422	420523098075201	Antelope Creek	O72	11/17/06	42° 05' 23.0"	-098° 07' 52.0"	.34	(G)	ADV
423	420523097560701	Trueblood Creek	O73	11/17/06	42° 05' 23.4"	-097° 56' 07.9"	0	(E)	Observed
424	420427097580401	Blacksnake Creek	O74	11/17/06	42° 04' 27.0"	-097° 58' 04.0"	15.9	(G)	ADV
425	420038098024401	Blacksnake Creek	O75	11/17/06	42° 00' 38.0"	-098° 02' 44.0"	0	(E)	Observed
426	420059098055401	Blacksnake Creek	O76	11/17/06	42° 00' 59.3"	-098° 05' 54.6"	0	(E)	Observed
427	420409097555901	Elkhorn River	O78	11/17/06	42° 04' 09.3"	-097° 55' 59.0"	173	(G)	ADV
428	420356097543601	Saint Clair Creek	O79	11/17/06	42° 03' 56.5"	-097° 54' 36.6"	.003	(P)	ADV
429	422938099214401	Elkhorn River	O8	11/15/06	42° 29' 38.6"	-099° 21' 44.3"	0	(E)	Observed
430	420334097524101	Ives Creek	O80	11/17/06	42° 03' 34.3"	-097° 52' 41.5"	.99	(P)	ADV
431	420404097500201	Elkhorn River	O81	11/17/06	42° 04' 04.5"	-097° 50' 02.9"	189	(F)	Current Meter
432	420104097593001	Cedar Creek	O82	11/17/06	42° 01' 04.0"	-097° 59' 30.0"	7.34	(G)	ADV
433	420248097463501	Dry Creek	O84	11/17/06	42° 02' 48.7"	-097° 46' 35.4"	1.63	(P)	ADV
434	06798800	Elkhorn River	O85	11/17/06	42° 02' 50.7"	-097° 44' 13.8"	190	(G)	ADV
435	420156097442601	Buffalo Creek	O86	11/17/06	42° 01' 56.0"	-097° 44' 26.1"	4.05	(P)	Current Meter
436	420142097415601	Deer Creek	O87	11/17/06	42° 01' 42.9"	-097° 41' 56.3"	2.38	(P)	Current Meter
437	415919097451601	Buffalo Creek	O88	11/17/06	41° 59' 19.7"	-097° 45' 16.1"	.20	(P)	Current Meter

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

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Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow meas- ure- ment quality	Stream- flow (ft ³ /s)	Measurement method
438	06798900	Elkhorn River	O89	11/17/06	42° 01' 57.5"	-097° 33' 03.9"	(F)	251	ADV
439	423702099122301	North Branch Elkhorn River	O9	11/15/06	42° 37' 02.4"	-099° 12' 23.1"	(E)	0	Observed
440	420123097323501	Elkhorn River	O90	11/17/06	42° 01' 23.7"	-097° 32' 35.9"	(F)	272	ADV
441	06798920	Battle Creek	O91	11/17/06	42° 00' 50.5"	-097° 36' 04.6"	(G)	15.5	ADV
442	414850097415001	Battle Creek	O93	11/17/06	41° 48' 50.5"	-097° 41' 50.8"	(E)	0	Observed
443	06799000	Elkhorn River	O95	11/17/06	42° 00' 13.6"	-097° 25' 33.7"	(G)	285	ADV
444	420017097285201	Elkhorn River	O96	11/17/06	42° 00' 17.1"	-097° 28' 52.0"	(F)	263	ADV
445	415943097220501	Elkhorn River	O97	11/17/06	41° 59' 43.4"	-097° 22' 05.3"	(F)	293	ADV
446	415954097220601	North Fork Elkhorn River	O98	11/17/06	41° 59' 54.8"	-097° 22' 06.4"	(G)	60.8	ADV
447	42052609725901	North Fork Elkhorn River	O99	11/17/06	42° 05' 26.8"	-097° 25' 59.0"	(G)	56.2	ADV
448	414932101244301	North Fork Dismal River	T126	11/13/06	41° 49' 32.6"	-101° 24' 43.4"	(P)	.51	Current Meter
449	414601101161001	South Fork Dismal River	T127	11/13/06	41° 46' 00.9"	-101° 16' 10.4"	(G)	.060	Flume
450	415209101150501	North Fork Dismal River	T129	11/13/06	41° 52' 09.0"	-101° 15' 05.7"	(F)	21.7	Current Meter
451	415121101054801	North Fork Dismal River	T130	11/13/06	41° 51' 21.2"	-101° 05' 48.9"	(F)	49.1	Current Meter
452	06775700	North Fork Dismal River	T131	11/13/06	41° 51' 09.8"	-101° 02' 19.6"	(G)	51	Current Meter
453	411442098584001	South Fork Dismal River	T132	11/13/06	41° 14' 42.7"	-098° 58' 40.1"	(G)	32.3	Current Meter
454	415041100492701	Dismal River	T133	11/13/06	41° 50' 41.9"	-100° 49' 27.3"	(G)	121	ADV
455	414802100384201	Dismal River	T134	11/13/06	41° 48' 02.8"	-100° 38' 42.5"	(G)	163	ADV
456	414644100312701	Dismal River	T135	11/13/06	41° 46' 44.4"	-100° 31' 27.9"	(F)	207	ADV
457	414744100154601	Dismal River	T138	11/13/06	41° 47' 44.2"	-100° 15' 46.6"	(P)	323	ADV
458	414901100090001	Wild Horse Creek	T141	11/13/06	41° 49' 01.0"	-100° 09' 00.4"	(E)	0	Observed
459	414914100062101	Dismal River	T142	11/13/06	41° 49' 14.6"	-100° 06' 21.3"	(G)	397	ADV
460	06775500	Middle Loup River	T145	11/13/06	41° 49' 51.3"	-100° 05' 58.3"	(F)	515	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

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Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow meas- ure- ment quality	Stream- flow (ft ³ /s)	Measurement method
461	415653100255801	Middle Loup River	T148	11/13/06	41° 56' 53.0"	-100° 25' 58.1"	(F)	357	ADV
462	415832100333201	Middle Loup River	T149	11/13/06	41° 58' 32.3"	-100° 33' 32.1"	(P)	321	ADV
463	415905100403301	Middle Loup River	T150	11/13/06	41° 59' 05.6"	-100° 40' 33.6"	(P)	277	ADV
464	420226100482501	Middle Loup River	T151	11/13/06	42° 02' 26.2"	-100° 48' 25.4"	(F)	233	ADV
465	06775000	Middle Loup River	T153	11/13/06	42° 03' 22.9"	-100° 57' 24.8"	(G)	181	ADV
466	420403101022101	Middle Loup River	T154	11/13/06	42° 04' 03.6"	-101° 02' 21.3"	(F)	156	ADV
467	420520101054801	Middle Loup River	T155	11/13/06	42° 05' 20.8"	-101° 05' 48.9"	(F)	113	ADV
468	420629101315501	South Branch Middle Loup River	T162	11/13/06	42° 06' 29.8"	-101° 31' 55.9"	(F)	.67	ADV
469	421236101431701	North Branch Middle Loup River	T164	11/13/06	42° 12' 36.2"	-101° 43' 17.6"	(P)	.080	ADV
470	420235101451501	South Branch Middle Loup River	T165	11/13/06	42° 02' 35.5"	-101° 45' 15.7"	(P)	.093	ADV
471	420700101431101	Middle Branch Middle Loup River	T166	11/13/06	42° 07' 00.9"	-101° 43' 11.2"	(F)	1.69	ADV
472	420855101313701	Middle Branch Middle Loup River	T168	11/13/06	42° 08' 55.7"	-101° 31' 37.8"	(F)	.74	ADV
473	421102101311101	North Branch Middle Loup River	T172	11/13/06	42° 11' 02.0"	-101° 31' 11.2"	(F)	1.79	ADV
474	420927099484901	Calamus River	T422	11/14/06	42° 09' 27.0"	-099° 48' 49.4"	(G)	70.6	ADV
475	421055099521801	Calamus River	T423	11/13/06	42° 10' 55.6"	-099° 52' 18.4"	(G)	55.1	ADV
476	421508099585401	Calamus River	T424	11/13/06	42° 15' 08.0"	-099° 58' 54.0"	(G)	20	Current Meter
477	421907100031801	Calamus River	T426	11/13/06	42° 19' 07.1"	-100° 03' 18.2"	(F)	1.70	Current Meter
478	415631099513601	North Loup River	T431	11/13/06	41° 56' 31.2"	-099° 51' 36.5"	(F)	406	ADV
479	415735099561501	North Loup River	T432	11/13/06	41° 57' 35.5"	-099° 56' 15.8"	(G)	409	ADV
480	420432100053001	Goose Creek	T433	11/13/06	42° 04' 32.5"	-100° 05' 30.5"	(G)	29.1	ADV
481	420032100042201	North Loup River	T434	11/13/06	42° 00' 32.1"	-100° 04' 22.1"	(F)	315	ADV
482	420043100005401	North Loup River	T435	11/13/06	42° 00' 43.8"	-100° 00' 54.6"	(F)	377	ADV
483	420301100111901	North Loup River	T436	11/13/06	42° 03' 01.8"	-100° 11' 19.0"	(G)	260	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

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Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow measure- ment quality	Stream- flow measure- ment quality	Measurement method
484	420519100165501	North Loup River	T437	11/13/06	42° 05' 19.6"	-100° 16' 55.9"	(G)	267	ADV
485	420945100223701	Calf Creek	T438	11/13/06	42° 09' 45.2"	-100° 22' 37.8"	(F)	1.30	ADV
486	421048100231001	North Loup River	T440	11/13/06	42° 10' 48.2"	-100° 23' 10.6"	(G)	212	ADV
487	421341100284101	North Loup River	T441	11/13/06	42° 13' 41.9"	-100° 28' 41.5"	(G)	170	Current Meter
488	421657100321001	North Loup River	T442	11/13/06	42° 16' 57.7"	-100° 32' 10.5"	(G)	166	Current Meter
489	421711100373201	North Loup River	T444	11/13/06	42° 17' 11.0"	-100° 37' 32.8"	(G)	155	Current Meter
490	421635100380301	Pass Creek	T445	11/13/06	42° 16' 35.0"	-100° 38' 03.6"	(F)	.25	Current Meter
491	422042101012401	Big Creek	T449	11/14/06	42° 20' 42.2"	-101° 01' 24.0"	(P)	2.35	ADV
492	422357101015301	North Loup River	T453	11/14/06	42° 23' 57.8"	-101° 01' 53.1"	(F)	79.9	ADV
493	422451101173201	North Loup River	T455	11/14/06	42° 24' 51.4"	-101° 17' 32.8"	(F)	24.3	ADV
494	422103101320401	North Loup River	T458	11/13/06	42° 21' 03.3"	-101° 32' 04.2"	(F)	.18	ADV
495	420955100112401	Goose Creek	T460	11/13/06	42° 09' 55.2"	-100° 11' 24.8"	(F)	11.3	ADV
496	421403100151001	Goose Creek	T461	11/13/06	42° 14' 03.2"	-100° 15' 10.8"	(F)	5.01	ADV
497	421812100235301	Goose Creek	T462	11/13/06	42° 18' 12.0"	-100° 23' 53.1"	(P)	.57	Current Meter
498	422358100322401	Goose Creek	T464	11/13/06	42° 23' 58.5"	-100° 32' 24.5"	(P)	.65	Current Meter
499	420546101320401	South Branch Middle Loup River	T625	11/13/06	42° 05' 46.9"	-101° 32' 04.9"	(F)	1.58	ADV
500	423819099490101	Sand Draw Creek	V112	11/15/06	42° 38' 19.4"	-099° 49' 01.3"	(P)	13.7	ADV
501	423417102011901	Snake River	V27	11/13/06	42° 34' 17.5"	-102° 01' 19.5"	(P)	2.85	ADV
502	06463310	Sand Draw Creek	V538	11/15/06	42° 38' 10.7"	-099° 51' 12.9"	(P)	7.92	ADV
503	424237099383401	Long Pine Creek	V573	11/15/06	42° 42' 37.5"	-099° 38' 34.9"	(F)	163	ADV
504	424122099404601	Long Pine Creek	V574	11/15/06	42° 41' 22.7"	-099° 40' 46.7"	(G)	152	ADV
505	06463350	Bone Creek	V575	11/15/06	42° 40' 17.8"	-099° 45' 58.4"	(F)	51.6	ADV
506	423754099404701	Long Pine Creek	V576	11/15/06	42° 37' 54.8"	-099° 40' 47.0"	(G)	95	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

[Streamflow measurement quality: (E), excellent (less than 2 percent error), (G), good (2-5 percent error), (F), fair (5-8 percent error), (P), poor (greater than 8 percent error). ft³/s, cubic feet per second; ADV, acoustic Doppler velocimeter]

Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow meas- ure- ment quality	Measurement method
507	423627099462601	Bone Creek	V577	11/15/06	42° 36' 27.1"	-099° 46' 26.7"	20.6	(F)	ADV
508	06463050	Willow Creek	V578	11/15/06	42° 32' 58.1"	-099° 43' 11.5"	.78	(F)	ADV
509	423255099423001	Long Pine Creek	V579	11/15/06	42° 32' 55.4"	-099° 42' 30.6"	50.7	(G)	ADV
510	424513099515201	Plum Creek	V580	11/15/06	42° 45' 13.8"	-099° 51' 52.8"	117	(F)	ADV
511	06462470	Plum Creek	V582	11/14/06	42° 40' 01.5"	-100° 03' 19.0"	62	(G)	ADV
512	423814100034101	Plum Creek	V583	11/14/06	42° 38' 14.5"	-100° 03' 41.3"	52.9	(F)	ADV
513	423749100075401	Evergreen Creek	V584	11/14/06	42° 37' 49.1"	-100° 07' 54.9"	2.61	(P)	ADV
514	423710100081401	Dry Creek	V585	11/14/06	42° 37' 10.8"	-100° 08' 14.0"	0	(E)	Observed
515	06462450	Plum Creek	V586	11/14/06	42° 34' 09.8"	-100° 06' 14.2"	20.9	(F)	ADV
516	423550100085601	Cedar Creek	V587	11/14/06	42° 35' 50.5"	-100° 08' 56.1"	.020	(P)	ADV
517	423540100082601	Dry Creek	V588	11/14/06	42° 35' 40.2"	-100° 08' 26.6"	.29	(F)	ADV
518	423246100163901	North Fork Plum Creek	V589	11/15/06	42° 32' 46.3"	-100° 16' 39.7"	0	(E)	Observed
519	423651100203101	Cedar Creek	V590	11/15/06	42° 36' 51.8"	-100° 20' 31.0"	0	(E)	Observed
520	423922100202201	Evergreen Creek	V591	11/15/06	42° 39' 22.3"	-100° 20' 22.6"	0	(E)	Observed
521	424708100041001	Fairfield Creek	V612	11/14/06	42° 47' 08.1"	-100° 04' 10.0"	27.4	(G)	ADV
522	423132100520401	Gordon Creek	V615	11/14/06	42° 31' 32.9"	-100° 52' 04.0"	0	(E)	Observed
523	423453100545901	Boardman Creek	V616	11/14/06	42° 34' 53.2"	-100° 54' 59.0"	13.2	(P)	ADV
524	424409101273401	Medicine Creek	V617	11/13/06	42° 44' 09.7"	-101° 27' 34.0"	0	(E)	Observed
525	06459175	Snake River	V619	11/13/06	42° 36' 49.5"	-101° 16' 40.2"	160	(G)	ADV
526	423909100513401	Snake River	V621	11/13/06	42° 39' 09.6"	100° 51' 34.2"	65.3	(F)	ADV
527	423020101182401	Gordon Creek	V622	11/13/06	42° 30' 20.1"	101° 18' 24.8"	150	(F)	ADV
528	422846101191301	Betsy Creek	V623	11/13/06	42° 28' 46.0"	-101° 19' 13.5"	0	(E)	Observed
529	423425101423501	Snake River	V624	11/13/06	42° 34' 25.5"	-101° 42' 35.9"	62.9	(G)	ADV

Table 1. Streamflow measurements on selected streams in north-central Nebraska, November 2006.—Continued

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Site number (fig. 2)	U.S. Geological Survey station number	Site name (location)	Short name	Date (month/ day/year)	Latitude (degrees, minutes, seconds)	Longitude (degrees, minutes, seconds)	Stream- flow (ft ³ /s)	Stream- flow measure- ment quality	Measurement method
530	423026101421601	Clifford Creek	V625	11/13/06	42° 30' 26.2"	-101° 42' 16.1"	2.28	(P)	ADV
531	423116101422601	North Branch Clifford Creek	V631	11/13/06	42° 31' 16.4"	-101° 42' 26.7"	2.42	(F)	ADV

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Back cover. Photograph of streamflow measurement site M414, Birdwood Creek in Lincoln County, Nebraska, November 21, 2006 (photograph taken by D.E. Hitch, U.S. Geological Survey).

