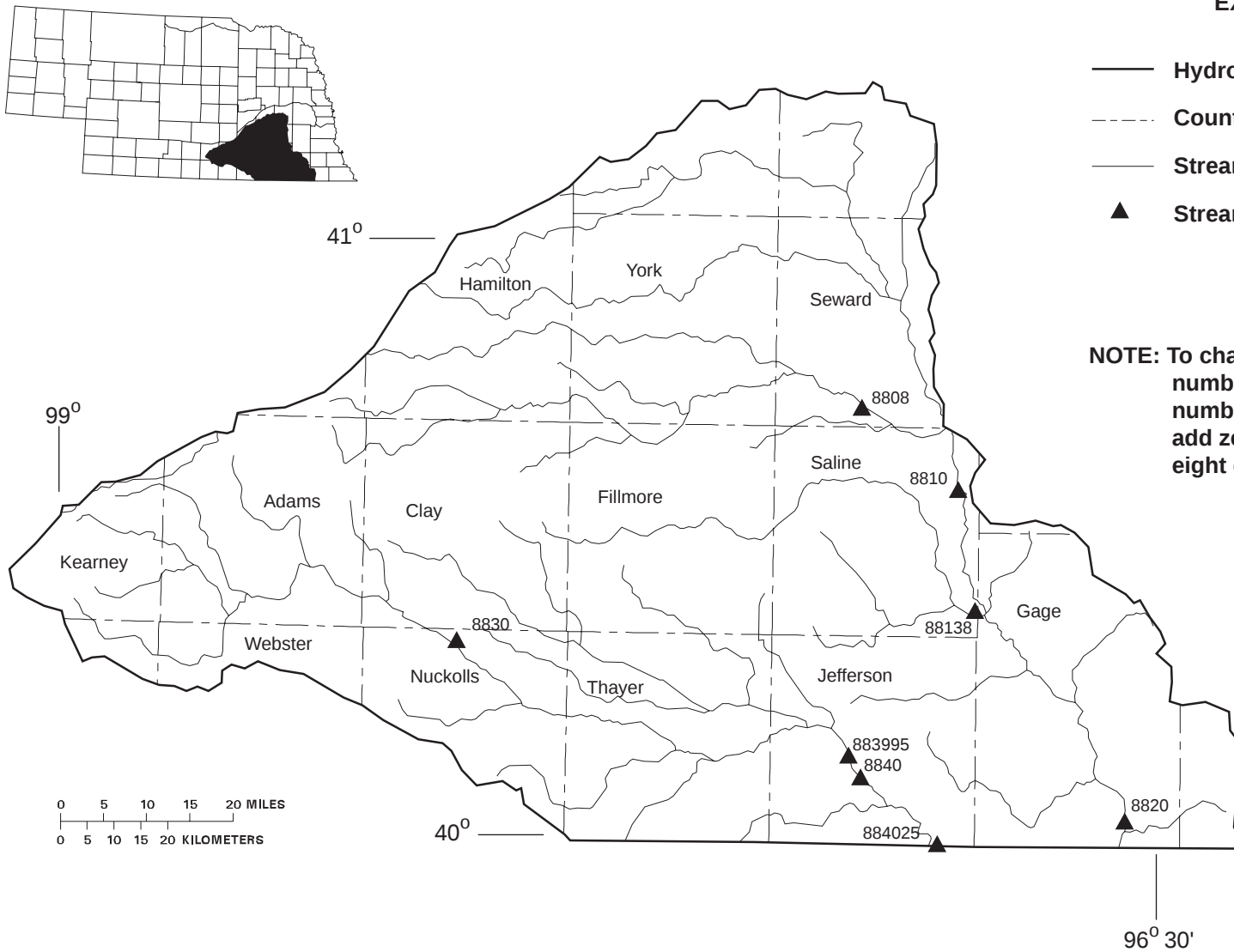


EXPLANATION

- Hydrologic boundary
- - - County line
- Streams
- ▲ Stream-flow gaging station

NOTE: To change abbreviated station number to complete station number, prefix with "06" and add zero's required to give eight digits.



SURFACE-WATER DISCHARGE RECORDS
KANSAS RIVER BASIN
BLUE RIVER BASIN

345

*Station number	Station name	Page
--------------------	--------------	------

BIG BLUE RIVER BASIN

8808	West Fork Big Blue River near Dorchester.....	346
8810	Big Blue River near Crete.....	350
881380	Turkey Creek near DeWitt.....	352
8820	Big Blue River at Barneston.....	354

LITTLE BLUE RIVER BASIN

8830	Little Blue River near Deweese.....	358
883995/ 8840	Little Blue River at Fairbury/Little Blue River near Fairbury.....	360
884025	Little Blue River at Hollenberg, KS.....	364

*NOTE: To change abbreviated station number to complete station number, prefix with "06" and add zeros required to give eight digits.

06880800 WEST FORK BIG BLUE RIVER NEAR DORCHESTER, NE

LOCATION.--Lat 40° 43' 52", long 97° 10' 38", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 23, T.9 N., R.2 E., Seward County, Hydrologic Unit 10270203, on right bank 60 ft downstream from bridge on county road, 6.2 mi northwest of Dorchester, and 22.8 mi upstream from mouth.

DRAINAGE AREA.--1,192 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1958 to current year.

REVISED RECORDS.--WDR NE-94-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,403.48 ft above sea level. Prior to Apr. 14, 1970, on bridge pier 60 ft upstream at same datum. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some diversion by pumping for irrigation above station. Natural flow of stream affected by ground-water withdrawals for irrigation and return flow from irrigated areas.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	68	56	57	e56	e68	67	87	77	88	83	56
2	63	68	56	57	e58	70	66	79	81	82	80	55
3	70	67	56	58	e60	70	66	77	82	79	79	54
4	196	66	54	57	e64	71	68	87	82	79	80	52
5	99	66	54	58	67	64	69	93	83	79	82	51
6	93	66	57	57	69	e72	72	95	87	76	74	47
7	82	63	54	57	e68	77	77	83	80	76	67	44
8	74	61	55	56	e66	75	75	96	82	74	74	41
9	72	59	56	58	e62	71	76	133	82	71	79	51
10	76	58	56	53	e64	73	73	124	100	68	80	84
11	72	57	56	e49	68	68	71	114	88	67	81	1,170
12	68	57	59	e46	68	73	69	99	741	70	74	1,030
13	64	57	57	e46	66	72	69	91	930	78	67	669
14	64	57	57	e47	69	72	68	85	821	82	66	433
15	63	56	57	e47	73	70	68	82	518	77	72	433
16	64	57	57	e46	63	69	68	85	255	67	72	307
17	64	57	57	e47	70	73	66	81	160	66	66	206
18	64	57	56	e47	75	74	67	77	178	69	62	144
19	63	56	55	e47	73	73	68	125	215	70	73	111
20	62	56	54	e46	74	75	69	178	120	70	78	97
21	61	55	53	e46	73	74	69	154	143	77	92	78
22	61	55	53	e45	72	73	68	150	168	81	76	71
23	62	55	e51	e45	68	71	70	131	127	81	69	67
24	64	55	e49	e46	e64	69	76	109	124	83	66	59
25	65	54	e50	e46	e62	68	76	102	114	92	65	55
26	64	55	e52	e48	e62	68	76	91	112	96	61	53
27	65	55	e53	e50	e64	69	72	86	105	93	57	49
28	66	55	e55	e50	e64	69	70	82	110	87	53	47
29	66	56	e56	e51	---	68	77	85	111	77	56	45
30	71	57	e58	e52	---	68	82	88	99	69	57	45
31	68	---	58	e54	---	68	---	79	---	76	57	---
TOTAL	2,246	1,761	1,707	1,569	1,862	2,195	2,128	3,128	6,075	2,400	2,198	5,704
MEAN	72.5	58.7	55.1	50.6	66.5	70.8	70.9	101	202	77.4	70.9	190
MAX	196	68	59	58	75	77	82	178	930	96	92	1,170
MIN	60	54	49	45	56	64	66	77	77	66	53	41
AC-FT	4,450	3,490	3,390	3,110	3,690	4,350	4,220	6,200	12,050	4,760	4,360	11,310

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2003, BY WATER YEAR (WY)

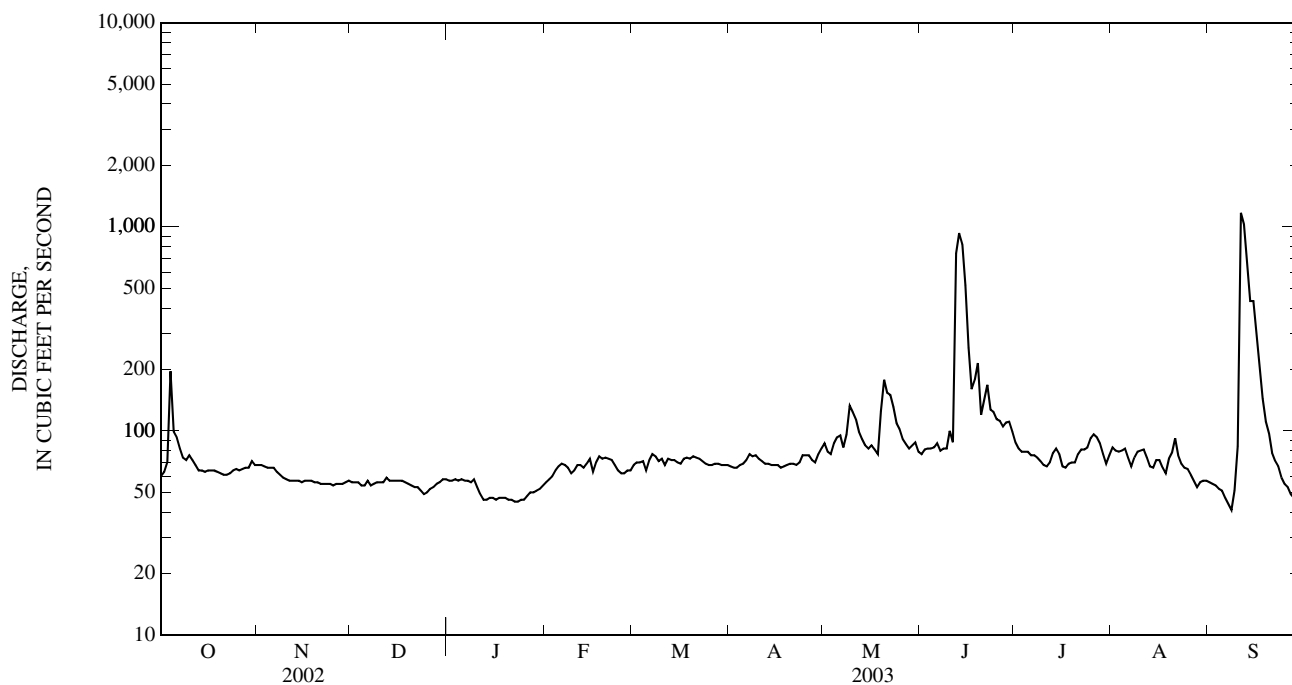
	MEAN	116	81.9	69.7	74.1	140	298	170	262	354	322	186	152
MAX	812	224	202	377	671	1,762	887	1,147	1,749	1,395	480	855	
(WY)	(1974)	(1997)	(1998)	(1973)	(1984)	(1993)	(1984)	(1984)	(1967)	(1986)	(1993)	(1989)	
MIN	35.7	33.6	26.4	25.4	40.1	41.6	50.0	60.4	43.1	46.7	34.8	33.1	
(WY)	(1982)	(1981)	(1977)	(1977)	(1979)	(1981)	(1981)	(1989)	(1981)	(1980)	(1976)	(1976)	

06880800 WEST FORK BIG BLUE RIVER NEAR DORCHESTER, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1958 - 2003	
ANNUAL TOTAL	34,905		32,973		185	
ANNUAL MEAN	95.6		90.3		441	
HIGHEST ANNUAL MEAN					54.4	
LOWEST ANNUAL MEAN					11,100	
HIGHEST DAILY MEAN	843	May 12	1,170	Sep 11	11,100	Mar 11, 1993
LOWEST DAILY MEAN	49	Dec 24	41	Sep 8	12	Dec 31, 1976
ANNUAL SEVEN-DAY MINIMUM	52	Dec 21	46	Jan 19	17	Jul 11, 1976
MAXIMUM PEAK FLOW			1,460	Sep 11	*12,400	Mar 11, 1993
MAXIMUM PEAK STAGE			10.07	Sep 11	22.62	Jul 1, 1986
ANNUAL RUNOFF (AC-FT)	69,230		65,400		134,400	
10 PERCENT EXCEEDS	121		107		305	
50 PERCENT EXCEEDS	76		68		83	
90 PERCENT EXCEEDS	56		53		48	

e Estimated.

* Stage 21.71 ft.



06880800 WEST FORK BIG BLUE RIVER NEAR DORCHESTER, NE—Continued

WATER-QUALITY RECORDS

Pesticide Reconnaissance Study

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd 25 degC (00095)	Temperature, water, deg C (00010)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Acetochlor ESA, water, fltrd 0.7u GF (61029)	Acetochlor OA, water, fltrd 0.7u GF (61030)
OCT 04...	0920	4.35	213	718	8.0	82	7.2	350	13.5	0.17	0.10	0.13	0.17

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Acetochlor, water, fltrd, ug/L (49260)	Alachlor ESA, water, fltrd 0.7u GF (50009)	Alachlor OA, water, fltrd 0.7u GF (61031)	Alachlor, water, fltrd, ug/L (46342)	Ametryn, water, fltrd, ug/L (38401)	Aminomethylphosphonic acid, wat fltrd, ug/L (62649)	Atrazine, water, fltrd, ug/L (39632)	Cyanazine amide, water, fltrd, ug/L (61709)	Cyanazine, water, fltrd, ug/L (04041)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid, water, fltrd, ug/L (61588)	Flufenacet ESA, water, fltrd, ug/L (61952)
OCT 04...	<0.05	0.15	0.08	<0.05	<0.05	1.3	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Glufo-sinate, water, fltrd 0.7u GF (62721)	Glyphosate, water, fltrd 0.7u GF (62722)	Metolachlor ESA, water, fltrd 0.7u GF (61043)	Metolachlor OA, water, fltrd 0.7u GF (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Pendimethalin, water, fltrd 0.7u GF (82683)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propachlor, water, fltrd, ug/L (04024)	Propazine, water, fltrd, ug/L (38535)
OCT 04...	<0.05	<0.05	<0.1	0.2	0.35	0.44	0.13	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Simazine, water, fltrd, ug/L (04035)	Terbutryn, water, fltrd, ug/L (38888)
OCT 04...	<0.05	<0.05

Remark codes used in this table:

< -- Less than

06880800 WEST FORK BIG BLUE RIVER NEAR DORCHESTER, NE—Continued

THIS PAGE LEFT BLANK INTENTIONALLY

06881000 BIG BLUE RIVER NEAR CRETE, NE

LOCATION.--Lat 40° 35'47", long 96° 57'33", in SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.3, T.7 N., R.4 E., Saline County, Hydrologic Unit 10270202, on right bank near downstream side of county road bridge, 1.8 mi south of Missouri Pacific Railroad station in Crete, 3.3 mi downstream from Walnut Creek, 3.6 mi upstream from Squaw Creek, and at mile 167.

DRAINAGE AREA.--2,710 mi².

PERIOD OF RECORD.--March 1945 to current year. Prior to Oct. 1, 1953, discharge published only for stages above 12.0 ft because of variable backwater from dam downstream until 1952 and diurnal fluctuation from powerplant upstream in 1952-53.

REVISED RECORDS.--WDR NE-94-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,311.7 ft above sea level. Prior to Jan. 20, 1954, nonrecording gage and Jan. 21, 1954 to Mar. 27, 1986, recording gage on right bank at downstream side of county road bridge at present datum. Mar. 28, 1986 to May 11, 1988 at temporary location, on right bank 250 ft downstream from bridge at present datum. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges which are poor. Natural flow of stream affected by ground-water and surface-water withdrawals for irrigation and return flow from irrigated areas.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	108	132	102	108	99	122	128	152	134	254	79	62
2	145	126	112	103	e96	118	129	155	140	212	86	65
3	126	124	103	101	e92	132	129	149	136	178	88	61
4	881	121	104	106	e90	126	129	179	135	150	88	58
5	906	120	94	102	e86	85	129	406	134	134	86	58
6	376	116	86	102	e82	116	137	322	138	127	83	60
7	235	115	112	94	e80	129	145	293	165	121	74	59
8	182	113	110	103	71	147	143	266	144	113	68	59
9	159	111	92	100	81	111	140	352	140	108	71	67
10	147	109	113	90	89	133	140	351	757	97	75	87
11	143	107	112	65	90	131	139	280	1,670	82	77	942
12	139	104	105	e64	88	124	136	232	2,220	77	81	2,740
13	131	103	103	e63	92	129	134	198	2,450	70	74	2,590
14	125	103	103	e61	98	131	132	194	1,430	77	60	1,410
15	123	104	105	e59	101	132	131	184	997	80	58	789
16	124	104	109	e56	107	128	131	167	623	76	61	697
17	126	104	105	e54	98	138	127	160	395	71	61	567
18	125	103	104	e56	96	148	124	155	302	65	67	416
19	124	103	104	e56	117	161	122	254	802	66	89	301
20	121	104	102	e57	124	168	121	615	678	67	116	225
21	118	104	94	e55	130	161	121	381	285	74	113	188
22	117	103	81	e54	120	158	120	283	264	79	118	155
23	120	102	72	e53	114	151	122	242	281	99	102	134
24	122	103	84	e55	71	147	128	224	221	97	88	121
25	121	102	98	e59	101	144	128	195	209	86	83	108
26	120	102	103	e60	113	141	127	180	221	88	78	99
27	122	102	96	e66	109	139	124	162	387	90	64	97
28	125	100	101	e76	117	137	121	152	361	107	56	92
29	123	107	106	e82	---	133	143	144	406	97	52	86
30	134	104	107	88	---	131	143	143	320	78	54	83
31	135	---	97	95	---	130	---	144	---	72	57	---
TOTAL	5,903	3,255	3,119	2,343	2,752	4,181	3,923	7,314	16,545	3,192	2,407	12,476
MEAN	190	108	101	75.6	98.3	135	131	236	552	103	77.6	416
MAX	906	132	113	108	130	168	145	615	2,450	254	118	2,740
MIN	108	100	72	53	71	85	120	143	134	65	52	58
AC-FT	11,710	6,460	6,190	4,650	5,460	8,290	7,780	14,510	32,820	6,330	4,770	24,750

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2003, BY WATER YEAR (WY)

MEAN	234	157	133	142	301	677	395	556	912	655	334	313
MAX	1,864	439	390	865	1,576	3,968	2,257	2,339	5,808	4,739	1,048	2,065
(WY)	(1974)	(1974)	(1998)	(1973)	(1984)	(1993)	(1984)	(1984)	(1967)	(1986)	(1987)	(1989)
MIN	46.5	41.1	60.3	52.2	66.8	86.3	92.2	84.5	70.7	48.6	28.4	51.2
(WY)	(1957)	(1957)	(1977)	(1978)	(1977)	(1977)	(1967)	(1967)	(1981)	(1970)	(1955)	(1976)

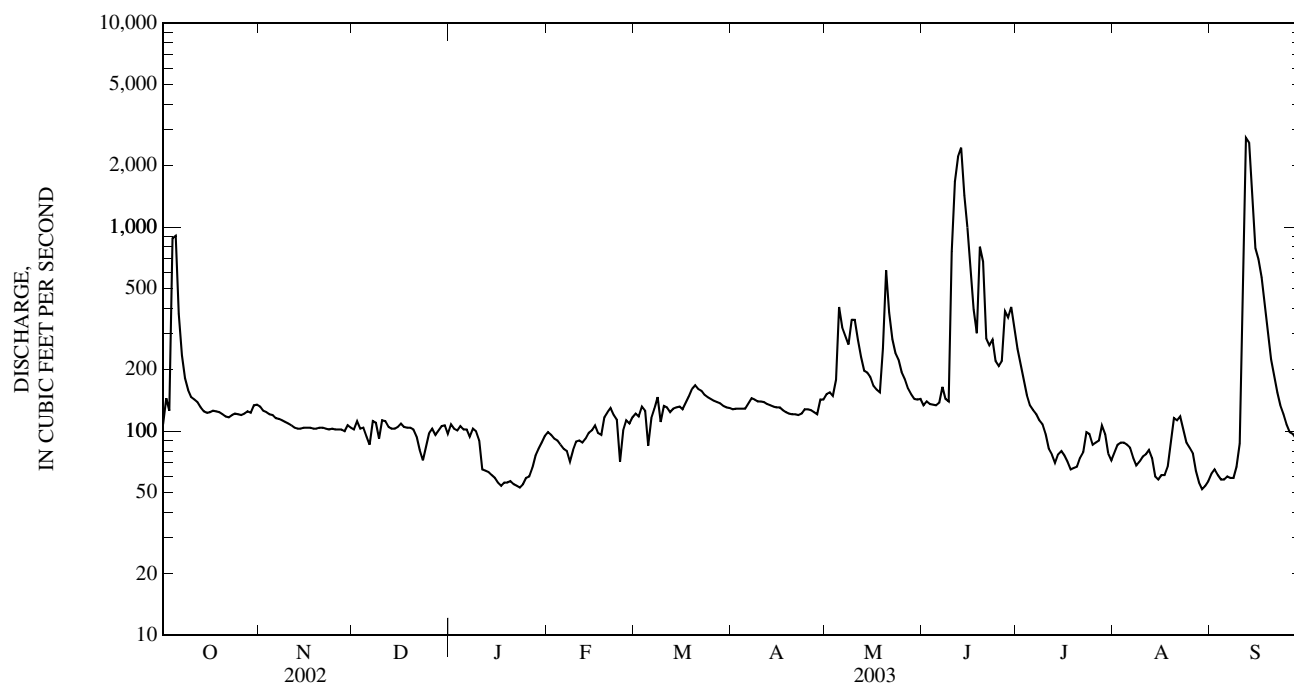
06881000 BIG BLUE RIVER NEAR CRETE, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1954 - 2003	
ANNUAL TOTAL	68,540		67,410		401	
ANNUAL MEAN	188		185		1,030	
HIGHEST ANNUAL MEAN					96.6	
LOWEST ANNUAL MEAN					21,400	
HIGHEST DAILY MEAN	1,980	May 13	2,740	Sep 12	6.0	Jun 19, 1957
LOWEST DAILY MEAN	55	Aug 2	52	Aug 29	11	Aug 1, 1980
ANNUAL SEVEN-DAY MINIMUM	65	Aug 1	55	Jan 17	27,600	Jul 12, 1976
MAXIMUM PEAK FLOW			3,260	Jun 12	29.86	Jul 10, 1950
MAXIMUM PEAK STAGE			17.57	Jun 12		Jul 3, 1986
ANNUAL RUNOFF (AC-FT)	135,900		133,700		290,500	
10 PERCENT EXCEEDS	308		282		721	
50 PERCENT EXCEEDS	126		116		159	
90 PERCENT EXCEEDS	78		67		79	

e Estimated.

* Stage 28.74 ft.

** From floodmark.



06881380 TURKEY CREEK NEAR DEWITT, NE

LOCATION.--Lat 40° 22'03", long 96° 53'36", in NW 1/4 SW 1/4 sec. 29, T.5N., R.5E., Gage County, Hydrologic Unit 10270202, on right downstream end of county road bridge, 2.2 mi southeast of Dewitt.

DRAINAGE AREA.--740 mi² approximately.

PERIOD OF RECORD.--April 2002 to current year. Miscellaneous measurements made at this location from 1989 to 2001.

GAGE.--Water-stage recorder. Datum of gage is 1,253.80 ft above sea level. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges and records for June 10-20, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	132	20	e20	e27	e20	27	159	48	28	17	5.1
2	180	75	21	e21	e25	e20	26	88	53	24	15	4.5
3	408	53	20	e20	e23	e23	27	73	48	21	18	3.6
4	935	41	20	e20	e21	e25	27	70	50	22	15	3.0
5	1,140	e34	20	e20	e20	e27	27	69	49	22	16	2.6
6	726	e28	22	e20	e19	e41	31	195	45	21	14	2.1
7	422	e22	21	e20	e19	34	36	101	44	18	10	1.6
8	213	e19	20	e19	e19	28	34	127	46	16	11	3.4
9	110	e19	17	e19	e22	26	35	435	43	17	10	8.1
10	74	e20	20	e19	e23	32	36	361	41	17	9.5	29
11	57	e20	20	e18	e21	33	33	188	186	14	6.8	428
12	46	e20	e20	e18	e20	28	31	124	217	12	9.3	1,190
13	38	20	e20	e19	e19	32	31	89	260	11	12	1,200
14	33	20	e20	e19	e18	33	30	68	192	7.0	8.7	1,200
15	29	20	e20	e18	e17	31	29	58	138	6.2	9.5	1,110
16	28	19	e20	e19	e18	32	30	51	100	9.3	8.1	505
17	27	19	e21	e18	e19	34	28	45	59	15	5.2	294
18	25	19	22	e18	e22	50	28	42	57	18	4.1	197
19	23	19	22	e18	e25	73	29	229	43	19	59	138
20	22	18	22	e19	e26	56	28	701	127	19	52	104
21	21	19	21	e18	e26	57	27	709	39	17	22	85
22	21	18	e21	e17	e22	52	26	669	30	19	12	69
23	23	18	e20	e17	e20	45	28	517	42	19	8.0	56
24	23	18	e21	e18	e18	40	32	262	42	18	6.1	48
25	23	18	e21	e18	e17	35	31	150	35	16	4.9	41
26	22	19	e22	e20	e17	32	33	108	30	14	5.0	38
27	23	19	e22	e22	e17	31	33	86	27	13	5.0	33
28	26	20	e22	e24	e19	30	32	73	23	21	7.1	28
29	27	20	e21	e25	---	28	35	63	30	22	6.5	25
30	99	20	e21	e26	---	28	185	56	30	18	6.5	25
31	244	---	e20	e27	---	28	---	51	---	16	6.2	---
TOTAL	5,099	826	640	614	579	1,084	1,065	6,017	2,174	529.5	399.5	6,877.0
MEAN	164	27.5	20.6	19.8	20.7	35.0	35.5	194	72.5	17.1	12.9	229
MAX	1,140	132	22	27	27	73	185	709	260	28	59	1,200
MIN	11	18	17	17	17	20	26	42	23	6.2	4.1	1.6
AC-FT	10,110	1,640	1,270	1,220	1,150	2,150	2,110	11,930	4,310	1,050	792	13,640

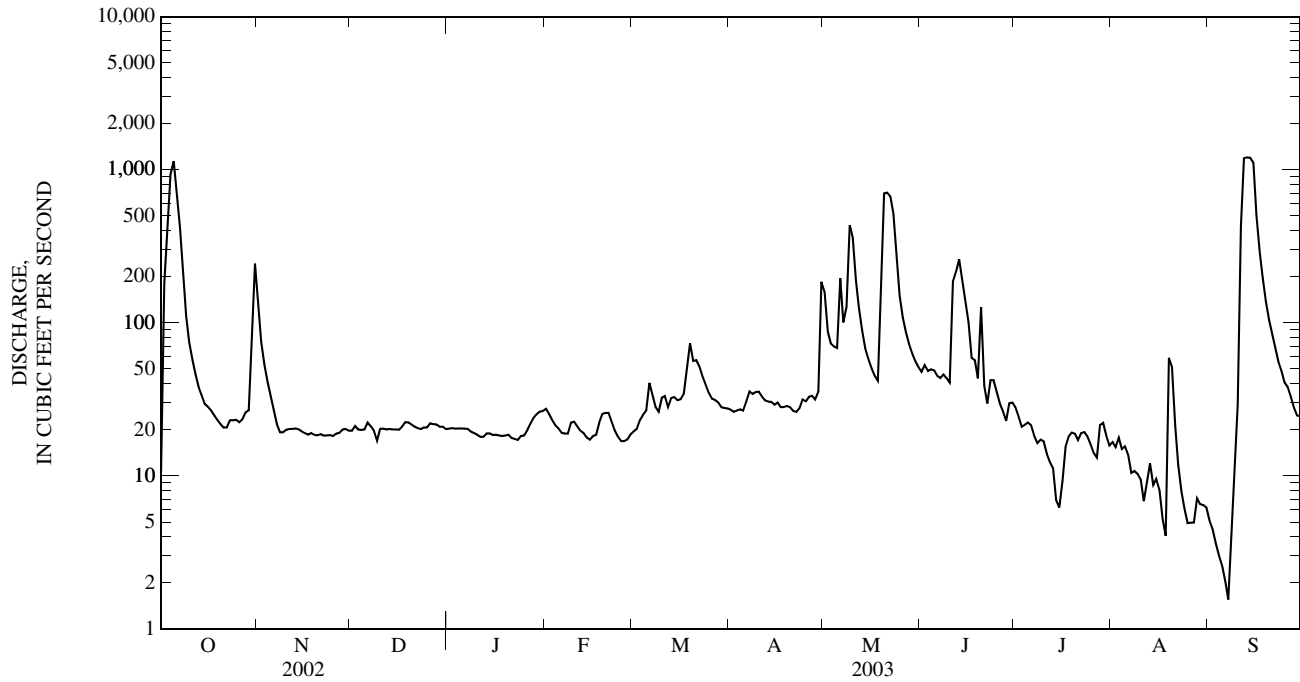
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2003, BY WATER YEAR (WY)

MEAN	164	27.5	20.6	19.8	20.7	35.0	35.5	176	67.4	17.4	18.9	127
MAX	164	27.5	20.6	19.8	20.7	35.0	35.5	194	72.5	17.7	24.9	229
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2002)	(2002)	(2003)
MIN	164	27.5	20.6	19.8	20.7	35.0	35.5	158	62.3	17.1	12.9	24.8
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2002)	(2002)	(2003)	(2003)	(2002)

06881380 TURKEY CREEK NEAR DEWITT, NE—Continued

SUMMARY STATISTICS	FOR 2	003 WATER YEAR	WATER YEARS 2002 - 2003	
ANNUAL TOTAL		04.0		
ANNUAL MEAN		71.0	71.0	
HIGHEST ANNUAL MEAN			71.0	2003
LOWEST ANNUAL MEAN			71.0	2003
HIGHEST DAILY MEAN	00	Sep 13	1,200	Sep 13, 2003
LOWEST DAILY MEAN		1.6	1.6	Sep 7, 2003
ANNUAL SEVEN-DAY MINIMUM		3.0	3.0	Sep 2, 2003
ANNUAL RUNOFF (AC-FT)		80	51,410	
10 PERCENT EXCEEDS		29	129	
50 PERCENT EXCEEDS		23	23	
90 PERCENT EXCEEDS		12	12	

e Estimated.



06882000 BIG BLUE RIVER AT BARNESTON, NE

LOCATION.--Lat 40° 02' 40", long 96° 35' 12", in NE 1/4 NW 1/4 sec. 24, T.1 N., R.7 E., Gage County, Hydrologic Unit 10270205, on right bank at right downstream end of bridge on State Highway 8, 0.6 mi southwest of Barneston, 1.3 mi upstream from Plum Creek, and 4.3 mi upstream from Nebraska-Kansas State line.

DRAINAGE AREA.--4,447 mi², of which about 4,370 mi² contributes directly to surface runoff.

PERIOD OF RECORD.--May 1932 to current year.

REVISED RECORDS.--WSP 896: 1932, 1935. WSP 1919: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,162.2 ft above sea level. Prior to June 9, 1941, water-stage recorder at site 0.3 mi downstream at datum 1.56 ft higher. June 9 to Nov. 17, 1941, nonrecording gage and Nov. 18, 1941 to Sept. 30, 1979, water-stage recorder at site 0.7 mi upstream at datum 2.0 ft higher. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor. Low flow regulated by dam at unused powerplant 0.7 mi upstream. No large tributaries between station and Nebraska-Kansas State line. Some pump diversions for irrigation above station. Natural flow of stream affected by ground-water withdrawals for irrigation and return flow from irrigated areas.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	127	572	170	197	e190	230	211	402	258	585	113	114
2	150	410	171	191	e210	235	211	409	297	475	111	108
3	251	306	167	190	e200	238	212	327	291	376	116	108
4	646	254	173	189	e195	209	206	314	277	307	121	107
5	2,540	227	168	186	e195	239	198	299	267	263	128	105
6	2,560	215	152	187	e190	223	209	339	305	219	121	100
7	1,330	204	175	185	e180	233	259	590	277	190	98	96
8	756	197	170	184	e190	248	262	839	271	155	91	92
9	488	194	160	180	e195	250	259	4,120	286	128	82	144
10	341	188	187	177	e200	216	251	2,290	458	120	76	245
11	271	174	185	157	e200	216	247	1,280	428	112	79	317
12	231	170	185	e155	e210	231	239	874	5,230	100	84	1,760
13	196	168	202	e150	e220	233	233	647	7,510	84	72	3,970
14	182	174	186	e145	e220	222	233	520	4,380	87	79	4,070
15	170	175	181	e140	e210	230	232	433	2,520	91	99	3,590
16	164	171	186	e135	e200	230	239	392	1,630	66	93	2,410
17	170	170	190	e130	e190	310	226	362	1,130	62	82	1,200
18	164	173	196	e135	e195	644	226	330	798	66	77	959
19	157	168	190	e138	e200	383	238	424	608	72	169	749
20	151	168	183	e140	200	583	229	1,540	499	68	434	579
21	153	168	177	e145	217	625	218	1,720	988	80	356	469
22	151	167	159	e140	231	429	208	1,410	609	95	274	382
23	169	172	141	e138	235	344	213	1,100	1,590	101	204	313
24	181	168	e140	e140	166	305	256	822	1,940	107	174	271
25	188	162	e135	e145	146	272	249	597	1,100	109	157	224
26	179	165	e145	e140	207	255	235	489	703	125	125	205
27	185	166	150	e145	206	248	240	421	500	117	107	185
28	192	171	195	e150	218	231	236	370	430	114	108	165
29	190	173	202	e155	---	217	238	325	540	118	128	154
30	242	170	204	e160	---	210	263	298	571	134	112	161
31	510	---	183	e165	---	211	---	267	---	130	111	---
TOTAL	13,385	6,160	5,408	4,914	5,616	8,950	6,976	24,550	36,691	4,856	4,181	23,352
MEAN	432	205	174	159	201	289	233	792	1,223	157	135	778
MAX	2,560	572	204	197	235	644	263	4,120	7,510	585	434	4,070
MIN	127	162	135	130	146	209	198	267	258	62	72	92
AC-FT	26,550	12,220	10,730	9,750	11,140	17,750	13,840	48,690	72,780	9,630	8,290	46,320

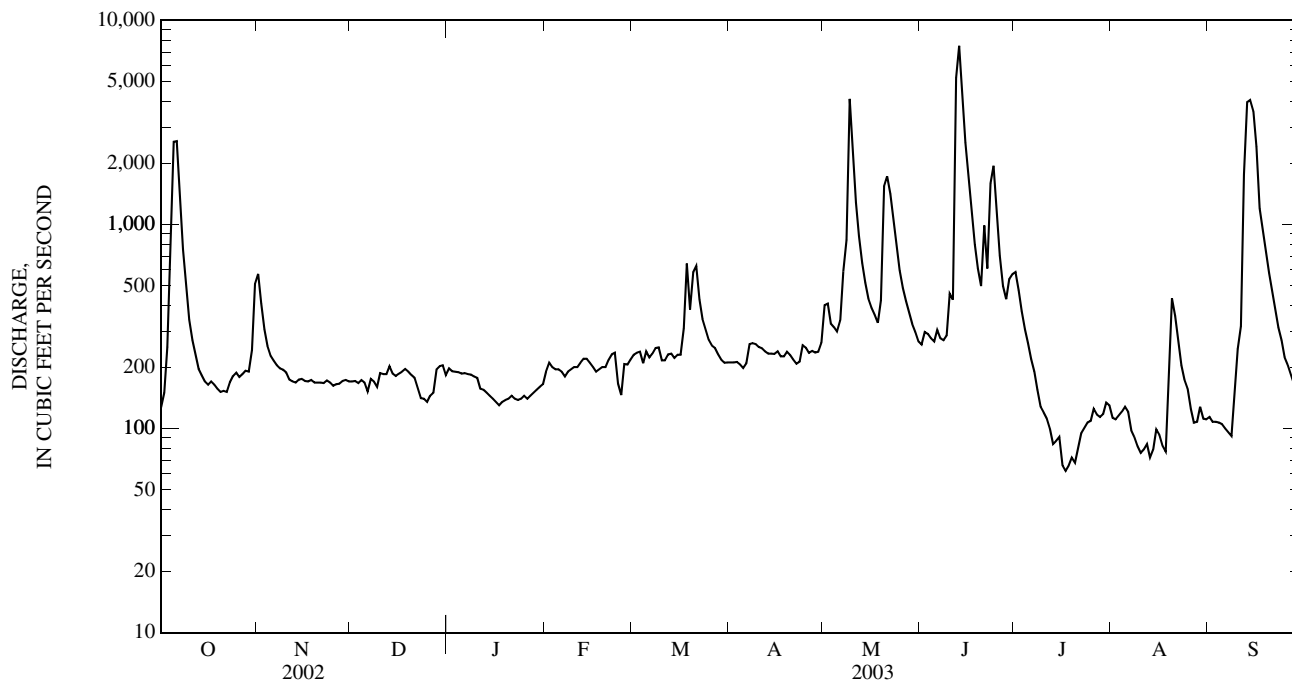
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1933 - 2003, BY WATER YEAR (WY)

MEAN	543	310	240	288	640	1,353	855	1,286	2,054	1,329	694	709
MAX	7,451	1,526	851	1,596	2,876	10,560	5,280	5,207	10,460	12,270	5,227	3,420
(WY)	(1974)	(1999)	(1998)	(1973)	(1984)	(1979)	(1984)	(1995)	(1951)	(1993)	(1954)	(1989)
MIN	61.5	77.5	87.4	67.6	116	137	132	96.0	69.3	30.7	21.1	50.6
(WY)	(1941)	(1937)	(1977)	(1937)	(1940)	(1968)	(1934)	(1934)	(1934)	(1934)	(1934)	(1939)

06882000 BIG BLUE RIVER AT BARNESTON, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1933 - 2003	
ANNUAL TOTAL	147,044		145,039		859	
ANNUAL MEAN	403		397		2,781	
HIGHEST ANNUAL MEAN					115	
LOWEST ANNUAL MEAN					50,000	
HIGHEST DAILY MEAN	7,020	May 28	7,510	Jun 13	1.0	Nov 30, 1945
LOWEST DAILY MEAN	49	Aug 5	62	Jul 17	15	Aug 3, 1934
ANNUAL SEVEN-DAY MINIMUM	60	Aug 3	72	Jul 15	57,700	Jun 9, 1941
MAXIMUM PEAK FLOW			12,100	Jun 12	34.30	Jun 9, 1941
MAXIMUM PEAK STAGE			16.07	Jun 12	622,000	
ANNUAL RUNOFF (AC-FT)	291,700		287,700		1,770	
10 PERCENT EXCEEDS	665		645		279	
50 PERCENT EXCEEDS	231		200		105	
90 PERCENT EXCEEDS	115		111			

e Estimated.



06882000 BIG BLUE RIVER AT BARNESTON, NE—Continued

WATER-QUALITY RECORDS

Pesticide Reconnaissance Study

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd std units (00400)	Specif. conductance, wat unfiltered, uS/cm (00095)	Temperature, water, deg C (00010)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Acetochlor ESA, water, fltrd, 0.7u GF ug/L (61029)	Acetochlor OA, water, fltrd, 0.7u GF ug/L (61030)	Acetochlor, water, fltrd, ug/L (49260)	Alachlor ESA, water, fltrd, 0.7u GF ug/L (50009)
OCT 04...	1300	4.91	668	9.6	8.4	773	16.5	0.09	0.07	0.08	0.08	<0.05	0.16

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Alachlor OA, water, fltrd, 0.7u GF ug/L (61031)	Alachlor, water, fltrd, ug/L (46342)	Ametryn water, fltrd, ug/L (38401)	Aminomethylphosphonic acid, water, fltrd, ug/L (62649)	Atrazine, water, fltrd, ug/L (39632)	Cyanazine amide, water, fltrd, ug/L (61709)	Cyanazine, water, fltrd, ug/L (04041)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Flufenacet ESA, water, fltrd, ug/L (61952)	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)
OCT 04...	0.05	<0.05	<0.05	1.3	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Glufo-sinate, water, fltrd, 0.7u GF ug/L (62721)	Glyphosate, water, fltrd, 0.7u GF ug/L (62722)	Metolachlor ESA, water, fltrd, 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd, 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Pendimethalin, water, fltrd, 0.7u GF ug/L (82683)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propachlor, water, fltrd, ug/L (04024)	Propazine, water, fltrd, ug/L (38535)	Simazine, water, fltrd, ug/L (04035)	Terbutryn, water, fltrd, ug/L (38888)
OCT 04...	<0.1	0.5	0.16	0.10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Remark codes used in this table:
 < -- Less than

06882000 BIG BLUE RIVER AT BARNESTON, NE—Continued

THIS PAGE LEFT BLANK INTENTIONALLY

06883000 LITTLE BLUE RIVER NEAR DEWEESE, NE

LOCATION.--Lat 40° 19'58", long 98° 04'00", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.12, T.4 N., R.7 W., Nuckolls County, Hydrologic Unit 10270206, on right bank 10 ft downstream from bridge on State Highway 14, 1 mi upstream from Walnut Creek, 3.2 mi southeast of Deweese, 6 mi northwest of Angus, and at mile 122.57.

DRAINAGE AREA.--984 mi².

PERIOD OF RECORD.--February 1953 to September 1972, October 1974 to current year.

REVISED RECORDS.--WDR NE-97-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,632.67 ft above sea level. Datum lowered to 1,630.67 ft above sea level on Aug. 5, 2002. Prior to May 16, 1957, non-recording gage and Oct. 1, 1974 to Mar. 24, 1981, recording gage at present site and at datum 2.00 ft higher; May 16, 1957 to Sept. 30, 1972 and Mar. 25, 1981 to Mar. 24, 1982 at site 1,500 ft upstream from bridge at datum 2.00 ft higher. Data collection platform at station.

REMARKS.--Records good except those for winter period and estimated daily discharges, which are poor. Natural flow affected by irrigation development above station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	35	57	55	52	55	e59	61	85	106	78	32	15
2	50	52	56	52	55	e58	62	78	114	68	29	11
3	53	52	53	52	e54	e59	63	72	104	60	31	9.3
4	130	50	54	54	e52	e59	62	76	102	56	33	8.1
5	95	51	54	54	e51	e60	60	71	105	54	35	7.0
6	55	50	55	53	e52	e58	67	69	115	51	36	6.1
7	44	50	54	53	e52	e56	68	67	130	48	45	5.7
8	47	52	53	56	e52	e55	65	106	123	46	32	5.3
9	44	54	53	55	e53	56	63	160	100	43	28	7.1
10	44	53	54	54	55	55	63	90	94	47	36	7.8
11	44	51	55	e55	56	58	64	77	93	43	72	22
12	42	50	55	e56	56	59	64	67	133	42	49	105
13	38	51	55	e50	58	58	63	66	116	44	33	110
14	40	53	55	e51	e59	59	64	64	102	42	18	104
15	40	53	56	e50	e59	60	64	63	100	42	13	60
16	43	52	56	e51	e60	61	67	66	90	35	18	42
17	43	53	57	e51	59	64	63	62	85	39	20	33
18	43	54	57	e52	61	65	64	61	83	37	18	29
19	42	52	54	e51	62	65	64	153	81	36	25	25
20	42	53	52	e51	62	64	61	141	81	35	33	23
21	42	54	53	e50	63	62	59	93	87	53	36	22
22	44	54	53	e50	e60	61	60	87	93	51	30	23
23	52	56	53	e50	e57	61	65	76	147	34	26	23
24	49	54	52	e50	e54	61	75	742	114	29	20	23
25	47	54	53	e51	e55	60	69	777	154	34	15	23
26	46	56	53	e50	e56	61	65	580	129	38	13	24
27	48	55	53	e51	e55	62	63	352	162	38	13	24
28	49	56	53	e50	e57	59	61	208	116	35	15	25
29	49	57	54	e49	---	57	93	144	98	34	17	26
30	65	55	54	e48	---	58	123	123	86	29	15	30
31	75	---	52	56	---	60	---	111	---	29	14	---
TOTAL	1,580	1,594	1,676	1,608	1,580	1,850	2,005	4,987	3,243	1,350	850	878.4
MEAN	51.0	53.1	54.1	51.9	56.4	59.7	66.8	161	108	43.5	27.4	29.3
MAX	130	57	57	56	63	65	123	777	162	78	72	110
MIN	35	50	52	48	51	55	59	61	81	29	13	5.3
AC-FT	3,130	3,160	3,320	3,190	3,130	3,670	3,980	9,890	6,430	2,680	1,690	1,740

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2003, BY WATER YEAR (WY)

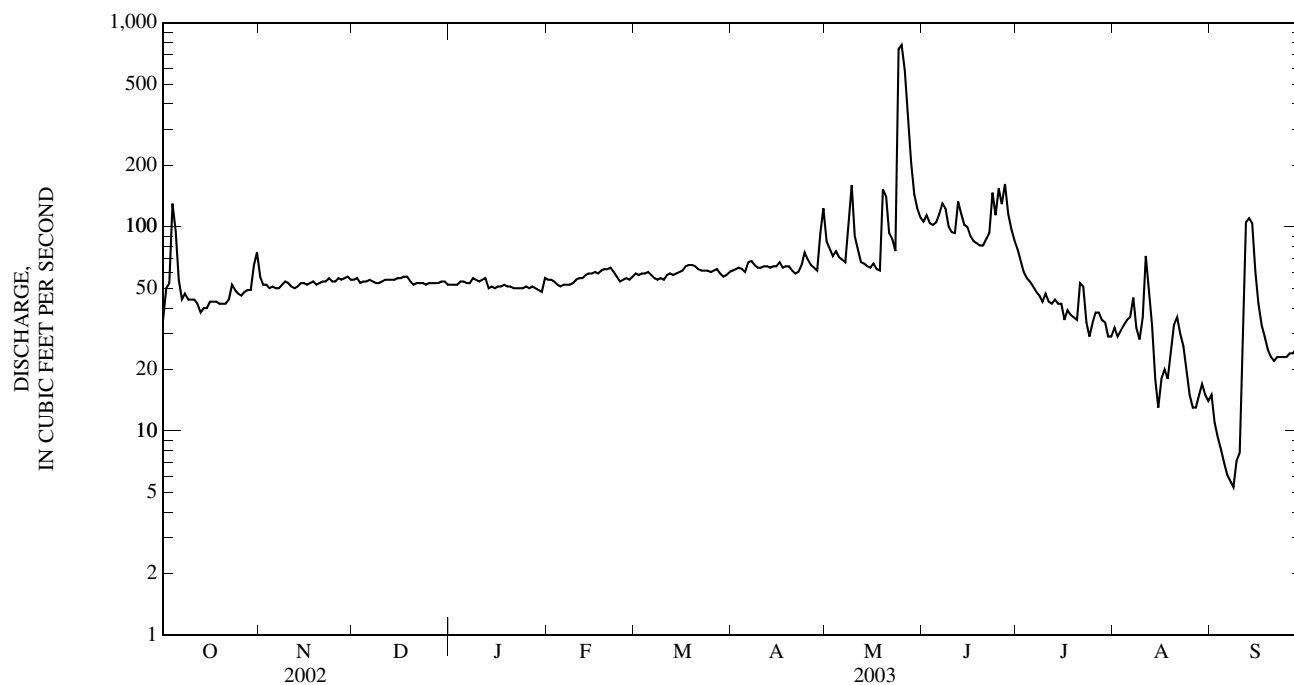
	MEAN	80.8	69.4	64.8	68.3	93.3	193	127	247	258	262	145	126
MAX	347	193	115	207	245	1,140	762	1,348	1,145	2,655	883	911	
(WY)	(1966)	(1997)	(1998)	(1984)	(1982)	(1993)	(1984)	(1965)	(1957)	(1993)	(1985)	(1969)	
MIN	29.1	39.3	41.7	44.6	46.7	56.5	59.3	50.5	36.0	15.6	14.0	10.7	
(WY)	(1992)	(1992)	(1981)	(1978)	(1981)	(1981)	(1972)	(1992)	(1988)	(1970)	(1991)	(1991)	

06883000 LITTLE BLUE RIVER NEAR DEWEESE, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1954 - 2003	
ANNUAL TOTAL	23,004.2		23,201.4		145	
ANNUAL MEAN	63.0		63.6		464	
HIGHEST ANNUAL MEAN					63.6	
LOWEST ANNUAL MEAN					14,300	
HIGHEST DAILY MEAN	560	May 12	777	May 25	14,300	Sep 1, 1969
LOWEST DAILY MEAN	2.0	Aug 21	5.3	Sep 8	0.00	Jan 1, 1997
ANNUAL SEVEN-DAY MINIMUM	2.8	Aug 12	6.7	Sep 4	2.8	Aug 12, 2002
MAXIMUM PEAK FLOW			1,580	May 24	25,100	Aug 31, 1969
MAXIMUM PEAK STAGE			6.99	May 24	*18.57	Aug 31, 1969
ANNUAL RUNOFF (AC-FT)	45,630		46,020		104,900	
10 PERCENT EXCEEDS	93		99		188	
50 PERCENT EXCEEDS	56		54		70	
90 PERCENT EXCEEDS	13		26		43	

e Estimated.

* Datum then in use.



06883995 LITTLE BLUE RIVER AT FAIRBURY, NE / 06884000 LITTLE BLUE RIVER NEAR FAIRBURY

LOCATION.--Lat 40° 08'47", long 97° 11'58", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.26, T.2 N., R.2 E., Jefferson County, Hydrologic Unit 10270207, on left downstream shoulder of roadway on Highway US 136, 0.5 mile west of Fairbury.

DRAINAGE AREA.--2,350 mi².

PERIOD OF RECORD.--May 1908 to September 1915, October 1928 to September 1956 (published as "near Endicott"), October 1956 to current year. Monthly discharge only for some periods, published in WSP 1310. Published as Little Blue River near Fairbury, (06884000) October 1952 to September 2002.

REVISED RECORDS.--WSP 1086: 1941(M). WSP 1390: 1908(M), 1912, 1915, 1935, 1939, 1945(M). WSP 1510: 1947 (calendar year figures only). WSP 1919: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,378 ft above sea level from topographic map. May 23, 1908 to Sept. 30, 1915, nonrecording gage at Highway 15 site at different datum. Apr. 26, 1929 to Sept. 24, 1957 nonrecording gage or water-stage recorder at site 3.5 mi downstream at various datums. Sept. 25, 1957 to Aug. 20, 1991 water-stage recorder at Highway 15 at datum 5.0 ft higher, through July 31, 2003, when gage was moved. Data collection platform at station.

REMARKS.--Records good except for December through March, which are poor. Natural flow of stream affected by irrigation development above station.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

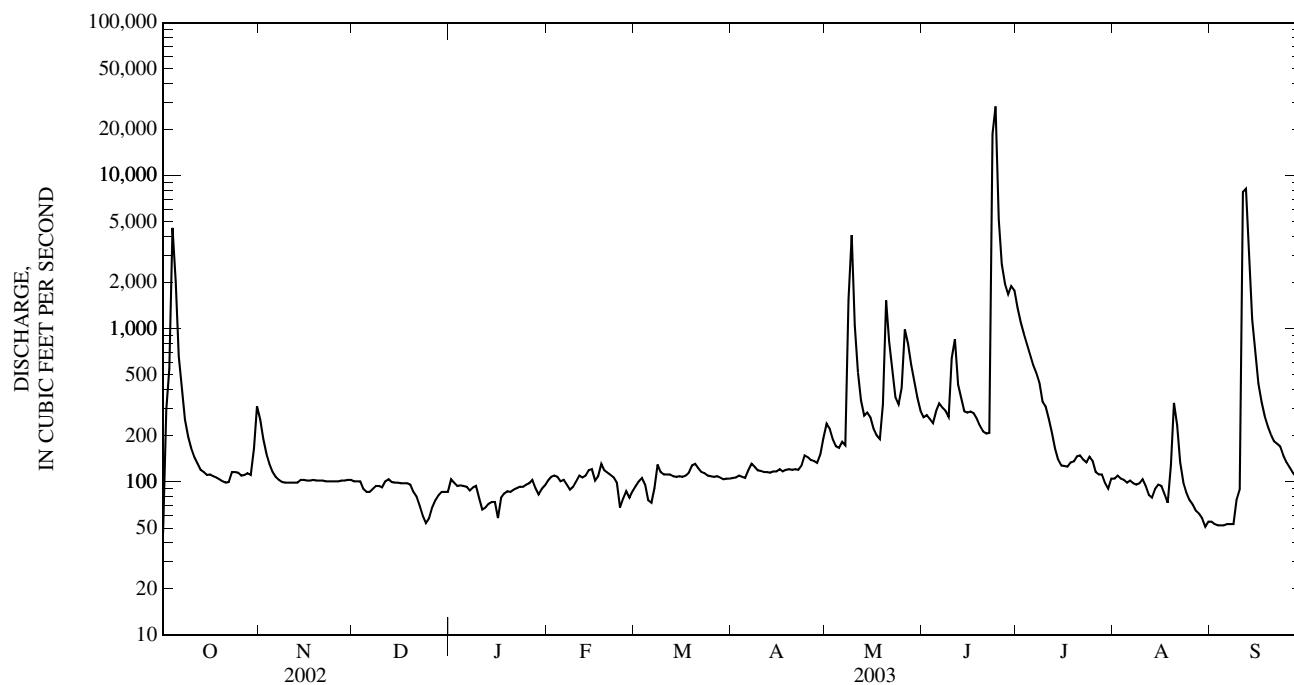
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	256	101	104	102	e94	106	240	265	1,380	105	55
2	296	192	101	99	e108	e101	107	222	273	1,110	110	53
3	549	153	101	94	e110	e106	110	190	257	938	105	52
4	4,570	131	e90	95	e108	e96	108	171	242	800	103	52
5	2,040	116	e86	94	e101	e76	106	167	291	683	99	52
6	663	108	e86	93	e103	e73	119	183	326	583	102	53
7	393	103	e90	88	e96	e91	131	174	306	516	98	53
8	254	100	e94	92	e89	e130	126	1,560	292	447	96	53
9	197	99	e94	94	e93	e116	119	4,100	266	334	98	76
10	166	99	e92	78	e101	e112	118	1,060	643	311	104	89
11	145	99	101	66	e110	112	116	519	855	258	94	7,850
12	132	99	104	e68	107	112	116	341	432	210	82	8,230
13	120	99	100	e72	110	109	115	271	353	165	79	2,680
14	116	103	99	e74	e119	108	117	284	289	140	90	1,150
15	111	103	99	e74	e121	109	117	264	283	128	96	679
16	112	102	98	58	e102	108	121	224	288	127	94	437
17	109	102	98	e79	e109	110	117	202	281	126	83	332
18	107	103	98	e84	131	115	120	191	259	134	73	270
19	104	102	96	e87	119	128	121	322	233	136	129	231
20	101	102	e86	e86	115	131	120	1,530	214	147	328	203
21	99	102	e80	e89	111	123	121	825	207	149	234	184
22	100	101	e70	e91	107	116	120	534	209	140	134	177
23	116	101	e60	e93	e99	114	128	359	18,800	134	99	170
24	116	101	e54	e93	e68	110	149	322	28,400	146	85	148
25	115	101	e58	e96	e78	109	145	410	5,190	137	76	134
26	110	101	e68	e98	e87	108	139	990	2,640	116	71	124
27	111	102	e76	e103	e79	109	137	799	1,970	112	65	115
28	114	102	e82	91	e87	107	133	587	1,680	112	62	108
29	111	103	e86	83	---	104	151	454	1,900	98	58	103
30	165	103	e86	90	---	105	193	357	1,780	90	51	105
31	312	---	e86	95	---	105	---	292	---	105	55	---
TOTAL	11,800	3,388	2,720	2,701	2,870	3,347	3,746	18,144	69,424	10,012	3,158	24,018
MEAN	381	113	87.7	87.1	102	108	125	585	2,314	323	102	801
MAX	4,570	256	104	104	131	131	193	4,100	28,400	1,380	328	8,230
MIN	46	99	54	58	68	73	106	167	207	90	51	52
AC-FT	23,410	6,720	5,400	5,360	5,690	6,640	7,430	35,990	137,700	19,860	6,260	47,640

06883995 LITTLE BLUE RIVER AT FAIRBURY, NE / 06884000 LITTLE BLUE RIVER NEAR FAIRBURY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1910 - 2003	
ANNUAL TOTAL	66,842		155,328		384	
ANNUAL MEAN	183		426		1,239	
HIGHEST ANNUAL MEAN					107	
LOWEST ANNUAL MEAN					36,400	
HIGHEST DAILY MEAN	4,570	Oct 4	28,400	Jun 24	14	Nov 22, 1929
LOWEST DAILY MEAN	30	Sep 11	46	Oct 1	24	Sep 14, 1991
ANNUAL SEVEN-DAY MINIMUM	33	Sep 7	53	Sep 2	71,200	Jun 24, 2003
MAXIMUM PEAK FLOW			71,200	Jun 24	*24.33	Jul 25, 1992
MAXIMUM PEAK STAGE			23.17	Jun 24		
ANNUAL RUNOFF (AC-FT)	132,600		308,100		277,900	
10 PERCENT EXCEEDS	259		479		580	
50 PERCENT EXCEEDS	120		110		159	
90 PERCENT EXCEEDS	53		79		91	

e Estimated.

* Site and datum then in use.



06884000 LITTLE BLUE RIVER NEAR FAIRBURY—Continued

WATER-QUALITY RECORDS

Pesticide Reconnaissance Study

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd std units (00400)	Specif. conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor ESA, water, fltrd 0.7u GF ug/L (50009)
OCT 02...	2000	8.13	730	8.2	6.5	148	13.5	0.14	0.16	0.30	0.48	0.06	0.09

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ala-chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala-chlor, water, fltrd, ug/L (46342)	Ametryn water, fltrd, ug/L (38401)	Amino-methyl-phosphonic acid, wat flt ug/L (62649)	Atra-zine, water, fltrd, ug/L (39632)	Cyana-zine amide, water, fltrd, ug/L (61709)	Cyana-zine, water, fltrd, ug/L (04041)	Dimeth-enamid ESA, water, fltrd, ug/L (61951)	Dimeth-enamid OA, water, fltrd, ug/L (62482)	Dimeth-enamid water, fltrd, ug/L (61588)	Flufen-acet ESA, water, fltrd, ug/L (61952)	Flufe-nacet OA, water, fltrd, ug/L (62483)	Flufe-nacet, water, fltrd, ug/L (62481)
OCT 02...	0.06	<0.05	<0.05	0.7	0.17	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Glufo-sinate, water, fltrd 0.7u GF ug/L (62721)	Glypho-sate, water, fltrd 0.7u GF ug/L (62722)	Metola-chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola-chlor OA, water, fltrd 0.7u GF ug/L (61044)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)	Propa-chlor, water, fltrd, ug/L (04024)	Propa-zine, water, fltrd, ug/L (38535)	Sima-zine, water, fltrd, ug/L (04035)	Ter-butryn, water, fltrd, ug/L (38888)
OCT 02...	<0.1	0.3	0.28	0.41	0.21	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Remark codes used in this table:
 < -- Less than

06884000 LITTLE BLUE RIVER NEAR FAIRBURY—Continued

THIS PAGE LEFT BLANK INTENTIONALLY

06884025 LITTLE BLUE RIVER AT HOLLENBERG, KS

LOCATION.--Lat 39° 58'48", long 97° 00'16", NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.8, T.1 S., R.4 E., Washington County, Hydrologic Unit 10270207, on right bank 2 ft downstream from bridge on county road, 0.6 mi west of Hollenberg, 1.75 mi downstream from Nebraska-Kansas State line, and at mile 43.1.

DRAINAGE AREA.--2,752 mi².

PERIOD OF RECORD.--March 1973 to February 1974 (discharge measurements only), March 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,216.10 ft above sea level. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor. Discharge measurements made prior to 1974 water year are published in table of miscellaneous sites in WDR NE-73.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	366	113	136	e136	e118	113	232	283	1,420	122	84
2	73	288	114	129	e142	e130	115	222	270	658	131	80
3	478	231	110	125	e145	e137	120	195	237	476	132	75
4	3,070	189	110	120	e123	e122	118	157	222	390	127	69
5	3,380	167	109	119	e123	88	115	138	221	336	125	63
6	1,040	149	103	120	e120	e87	129	145	413	288	119	61
7	564	142	115	126	e108	166	165	146	354	264	120	59
8	347	133	116	122	e125	176	156	740	328	263	117	56
9	240	126	115	126	e129	171	142	6,930	276	238	114	78
10	182	120	121	120	e131	150	134	2,480	448	217	130	113
11	155	115	117	e107	e138	151	130	842	1,360	222	145	3,270
12	142	112	120	e109	e153	151	126	481	848	214	132	10,700
13	127	111	122	e108	e142	145	123	330	521	209	122	5,680
14	118	120	120	e110	e154	144	122	278	394	203	125	2,070
15	116	121	119	e108	e162	146	120	335	317	189	131	1,040
16	116	118	121	e100	e144	149	124	268	281	173	132	615
17	114	115	123	e118	e144	159	115	229	276	168	128	433
18	109	114	123	e124	159	159	116	206	257	165	119	338
19	103	114	121	e134	168	172	104	266	229	160	173	285
20	100	114	118	e132	157	205	103	1,530	205	159	439	250
21	97	112	114	e122	155	185	101	1,110	194	166	600	222
22	97	109	105	e116	148	170	100	756	197	159	371	197
23	115	109	84	e107	148	159	102	472	5,950	148	210	201
24	132	108	e80	e114	95	140	144	365	29,100	148	154	176
25	131	110	e70	e118	e107	130	150	352	11,200	151	125	154
26	124	111	e90	e113	e120	123	130	886	2,900	140	109	140
27	121	112	e110	e105	e116	122	120	959	1,330	132	102	132
28	127	114	138	e114	e119	119	117	727	967	131	91	122
29	124	113	146	e105	---	113	120	541	1,210	133	82	115
30	152	112	149	e115	---	111	130	417	1,850	123	78	117
31	284	---	137	e123	---	113	---	328	---	117	84	---
TOTAL	12,126	4,175	3,553	3,645	3,811	4,411	3,704	23,063	62,638	7,960	4,889	26,995
MEAN	391	139	115	118	136	142	123	744	2,088	257	158	900
MAX	3,380	366	149	136	168	205	165	6,930	29,100	1,420	600	10,700
MIN	48	108	70	100	95	87	100	138	194	117	78	56
AC-FT	24,050	8,280	7,050	7,230	7,560	8,750	7,350	45,750	124,200	15,790	9,700	53,540

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2003, BY WATER YEAR (WY)

MEAN	311	244	181	176	324	786	532	804	984	1,019	508	383
MAX	2,163	1,113	424	576	1,059	3,816	2,379	2,302	4,373	9,014	2,572	1,320
(WY)	(1987)	(1997)	(1993)	(1984)	(1993)	(1993)	(1987)	(1995)	(1984)	(1993)	(1985)	(1977)
MIN	45.3	81.1	96.7	98.5	115	118	123	108	151	83.8	72.5	32.0
(WY)	(1992)	(1992)	(2001)	(1977)	(1992)	(1981)	(2003)	(1992)	(1981)	(2002)	(1991)	(1991)

06884025 LITTLE BLUE RIVER AT HOLLENBERG, KS—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1975 - 2003	
ANNUAL TOTAL	85,070		160,970		522	
ANNUAL MEAN	233		441		1,891	
HIGHEST ANNUAL MEAN					195	
LOWEST ANNUAL MEAN					39,300	
HIGHEST DAILY MEAN	5,790	May 28	29,100	Jun 24	27	Jul 26, 1992
LOWEST DAILY MEAN	40	Aug 8	48	Oct 1	26	Oct 1, 1991
ANNUAL SEVEN-DAY MINIMUM	45	Sep 24	66	Sep 3	27	Sep 27, 1991
MAXIMUM PEAK FLOW			43,900	Jun 24	47,800	Jul 26, 1992
MAXIMUM PEAK STAGE			20.67	Jun 24	21.21	Jul 26, 1992
ANNUAL RUNOFF (AC-FT)	168,700		319,300		378,400	
10 PERCENT EXCEEDS	322		479		857	
50 PERCENT EXCEEDS	153		132		203	
90 PERCENT EXCEEDS	58		105		107	

e Estimated.

