DAILY STAGES FOR 1994

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 11.94 FEET WAS OBSERVED ON JUL. 22 AND 23, 1987. MAXIMUM 3,501 CFS WAS COMPUTED FOR MAY 15, 1983. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 15 CFS WAS COMPUTED FOR NOV. 19, 1983.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.6	15.3	14.7	15.5	14.9	13.5	14.4	13.3	12.9	12.8	12.9	13.4
2	13.6	15.1	14.5	15.1	14.9	13.5	14.2	13.3	12.9	12.8	12.9	13.2
3	13.6	14.8	14.3	14.9	14.9	13.4	18.2	13.3	12.9	12.8	12.9	13.1
4	13.6	14.6	14.2	14.8	14.8	13.4	16.8	13.3	12.9	12.8	12.9	13.1
5	13.5	14.5	14.1	14.6	14.6	13.7	15.2	13.3	12.9	12.8	12.9	13.0
6	13.5	14.4	14.1	14.6	14.4	15.7	14.6	13.2	12.9	12.8	12.9	13.0
7	13.5	14.2	14.0	14.4	14.2	17.7	14.1	13.2	12.8	12.8	12.9	13.0
8	13.5	14.1	14.0	14.3	14.1	17.4	13.9	13.1	12.8	12.8	12.9	13.0
9	13.4	14.8	16.0	14.2	14.0	15.8	13.8	13.1	12.8	12.8	12.9	14.9
10	13.4	14.7	16.1	14.2	13.9	17.6	13.7	----	12.8	12.8	13.0	18.0
11	13.4	14.4	15.1	14.2	13.9	16.3	13.6	----	12.8	12.8	13.0	18.2
12	14.4	14.8	14.9	15.6	13.8	15.3	13.6	----	12.8	12.9	13.0	16.0
13	14.1	15.8	14.8	16.0	13.9	14.8	13.6	----	12.8	12.9	13.0	15.2
14	13.9	15.1	14.6	15.0	13.9	14.5	13.5	----	12.8	12.9	13.0	14.9
15	13.8	14.8	14.5	14.9	13.9	14.2	13.5	----	12.8	12.9	12.9	14.6
16	13.8	14.7	14.3	14.7	13.8	14.0	14.7	----	12.8	12.9	12.9	14.3
17	14.3	14.5	14.2	14.5	13.8	13.9	14.7	----	12.9	12.8	12.9	14.7
18	14.9	14.4	14.1	14.4	13.7	13.8	14.0	----	12.9	12.8	12.9	14.2
19	14.9	14.2	14.0	14.2	13.7	13.9	13.7	----	12.9	12.9	12.9	13.8
20	14.9	14.1	14.0	14.1	13.7	13.8	13.6	----	12.8	12.9	12.9	13.8
21	13.9	14.5	13.9	14.0	13.6	13.7	13.5	----	12.8	12.9	13.0	13.7
22	13.8	14.3	13.9	14.0	13.6	13.6	13.5	----	12.8	13.2	13.1	17.7
23	13.9	19.0	13.9	13.9	13.6	13.6	13.5	----	12.8	13.0	12.9	16.6
24	15.0	17.0	13.9	13.9	13.6	13.6	13.5	----	12.8	12.9	12.9	15.2
25	15.4	15.8	14.0	13.9	13.6	13.6	13.4	12.8	12.9	12.9	12.9	14.8
26	15.9	15.4	13.9	13.9	13.6	13.8	13.4	12.8	12.8	12.9	12.9	14.6
27	16.5	15.1	18.5	13.9	13.5	14.3	13.9	12.9	12.8	12.9	14.8	14.4
28	18.0	14.9	20.0	13.9	13.5	14.1	13.7	12.8	12.8	12.9	15.4	14.2
29	16.7	----	18.0	15.0	13.5	15.9	13.4	12.8	12.8	12.9	14.0	14.0
30	15.9	----	16.5	14.8	13.5	14.8	13.4	12.8	12.8	12.9	13.6	13.9
31	15.5	----	15.8	----	13.5	----	13.4	12.8	----	12.9	----	13.8
MEAN	14.5	15.0	14.9	14.5	13.9	14.6	14.1	----	12.8	12.9	13.1	14.5
MAX	18.0	19.0	20.0	16.0	14.9	17.7	18.2	----	12.9	13.2	15.4	18.2
MIN	13.4	14.1	13.9	13.9	13.5	13.4	13.4	----	12.8	12.8	12.9	13.0

THE MEAN STAGE FOR THE YEAR ----
HIGHEST STAGE WAS 20.39 27 MAR 1994
LOWEST RECORDED STAGE WAS 12.84 25 AUG 1994

DAILY STAGES FOR 1993

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 11.94 FEET WAS OBSERVED ON JUL. 22 AND 23, 1987. MAXIMUM 3,501 CFS WAS COMPUTED FOR MAY 15, 1983. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 15 CFS WAS COMPUTED FOR NOV. 19, 1983.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	14.1	14.2	A	14.1	A	A	12.9	12.9	14.2
2	A	A	A	14.0	14.3	A	A	A	A	12.9	12.9	13.9
3	A	A	A	14.0	16.5	A	A	A	A	13.4	12.9	14.3
4	14.9	A	14.4	14.0	17.3	13.4	A	A	A	13.1	12.9	19.2
5	16.3	A	14.2	13.9	15.6	E 13.4	A	A	A	13.0	12.9	18.7
6	15.1	A	14.2	13.8	15.1	E 13.4	A	A	A	12.9	12.9	16.7
7	14.8	A	14.1	13.8	14.8	E 13.4	A	A	12.7	12.9	12.9	15.8
8	14.0	A	13.9	13.9	14.6	13.3	A	A	12.7	12.9	12.9	15.4
9	13.9	13.4	A	15.7	14.4	A	A	A	12.7	12.9	12.9	15.2
10	13.9	A	A	16.4	14.2	A	A	A	12.7	12.9	12.9	14.9
11	13.9	A	A	15.2	14.9	13.3	A	A	12.7	12.9	12.9	14.6
12	13.8	A	A	14.9	14.4	A	A	A	12.7	12.9	12.9	14.3
13	13.7	A	A	14.7	14.2	A	13.0	12.8	12.7	12.9	13.0	14.2
14	A	A	A	14.5	14.2	A	A	A	12.8	12.9	13.0	15.4
15	A	A	13.6	15.7	14.2	A	A	A	13.0	12.9	14.4	14.8
16	A	A	A	15.8	14.1	A	A	A	12.8	12.9	13.6	14.5
17	A	A	A	15.0	14.1	A	A	A	12.8	12.9	18.7	14.4
18	A	A	A	14.7	14.0	A	A	A	12.7	12.9	17.0	14.3
19	A	13.9	A	14.6	13.9	A	A	A	12.7	12.9	15.5	14.1
20	13.8	A	A	14.7	13.8	A	A	A	12.8	12.9	14.9	14.0
21	14.4	A	A	14.5	A	A	A	A	12.8	13.0	14.8	14.0
22	13.9	A	13.9	14.2	A	13.2	A	A	12.8	13.0	14.6	13.9
23	13.8	A	15.1	14.2	A	E 13.5	A	A	12.7	12.9	14.5	13.8
24	A	A	14.2	14.1	A	E 13.8	A	A	13.3	12.9	14.2	13.8
25	A	A	14.2	14.1	A	E 14.1	A	A	14.0	12.9	14.0	13.7
26	A	A	16.2	14.1	A	15.4	A	A	13.7	12.9	16.1	13.7
27	A	A	16.1	14.1	13.5	14.2	A	A	13.2	12.9	15.7	13.7
28	A	A	15.0	14.1	A	14.2	A	A	13.1	12.9	14.8	13.7
29	A		14.6	14.1	A	14.3	A	A	13.0	12.9	14.6	13.7
30	A		14.4	14.1	A	14.5	A	12.7	13.0	12.9	14.4	13.7
31	A		14.3		A		A	A		12.9		13.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	14.50	12.93	14.08	14.65
MAX.	16.4	13.4	18.7	19.2
MIN.	13.8	12.9	12.9	13.7

A- NO RECORD.
E- ESTIMATED.
HIGHEST STAGE WAS 19.25 ON DEC. 4.
LOWEST STAGE WAS NOT DETERMINED.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 11.94 FEET WAS OBSERVED ON JUL. 22 AND 23, 1987. MAXIMUM 3,501 CFS WAS COMPUTED FOR MAY 15, 1983. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 15 CFS WAS COMPUTED FOR NOV. 19, 1983.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.8	A	14.8	A	A	A	A	A	A	A	A	A
2	13.8	A	14.7	A	A	A	A	A	A	A	A	A
3	13.8	A	14.7	A	A	13.3	A	A	13.0	A	A	A
4	13.8	A	14.7	A	A	18.4	A	A	A	A	13.0	A
5	13.7	A	14.7	A	14.3	16.5	A	A	A	12.0	A	A
6	13.7	A	14.7	A	A	15.5	14.9	A	A	A	A	A
7	13.7	A	14.7	A	A	17.2	17.5	A	A	A	A	A
8	13.8	A	14.7	A	13.2	16.0	16.4	A	A	A	A	A
9	16.0	A	14.7	A	A	15.5	15.5	A	A	A	A	A
10	14.7	A	18.9	A	A	15.2	15.1	13.0	12.9	A	A	A
11	14.5	14.5	16.8	A	A	16.4	14.9	15.2	A	A	A	A
12	14.5	A	15.9	A	A	15.9	14.9	14.9	A	A	A	A
13	14.4	A	15.6	A	A	15.5	A	A	A	12.9	13.0	A
14	16.0	A	15.5	A	A	15.2	13.3	A	A	A	A	A
15	14.9	A	15.2	A	A	13.9	A	A	A	A	A	A
16	14.5	A	15.0	A	A	A	A	A	A	A	A	13.0
17	14.4	A	14.9	A	A	A	A	A	14.9	A	A	13.0
18	14.3	A	15.0	A	A	A	A	A	15.6	A	A	13.0
19	14.1	A	16.7	A	A	A	A	12.9	15.8	A	A	14.2
20	14.0	A	15.9	A	A	A	A	A	15.4	A	A	16.4
21	13.9	A	15.7	A	A	A	A	A	15.0	A	A	15.3
22	14.3	A	15.6	A	A	A	A	A	14.9	A	A	14.9
23	14.2	A	15.8	A	A	A	A	A	15.0	A	A	A
24	14.1	A	15.5	A	A	A	A	A	A	A	A	A
25	14.1	A	15.3	A	A	A	A	A	A	A	13.1	A
26	14.1	14.2	15.2	A	A	13.6	A	A	A	12.9	A	A
27	A	14.7	15.1	A	A	A	A	A	A	A	A	A
28	A	14.8	15.0	A	A	A	13.2	A	A	A	A	A
29	A	14.8	15.0	A	A	13.4	13.2	A	A	13.0	A	A
30	A		15.0	A	A	A	13.2	A	A	A	A	A
31	A		14.9		A		A	A		A		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	15.35
MAX.	18.9
MIN.	14.7

A- NO RECORD.
HIGHEST STAGE WAS 18.88 ON MAR. 10.
LOWEST STAGE WAS NOT DETERMINED.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 11.94 FEET WAS OBSERVED ON JUL. 22 AND 23, 1987. MAXIMUM 3,501 CFS WAS COMPUTED FOR MAY 15, 1983. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 15 CFS WAS COMPUTED FOR NOV. 19, 1983.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.2	14.1	13.9	13.6	18.6	14.3	13.8	A	A	A	14.0	14.0
2	16.3	14.0	14.8	13.6	17.0	14.2	13.7	A	A	A	13.8	15.2
3	16.0	14.0	14.2	13.6	16.0	14.1	13.7	A	A	A	13.2	17.4
4	15.7	14.0	14.1	13.7	15.8	14.0	14.0	A	A	A	13.0	15.5
5	15.5	14.0	14.1	13.9	15.4	14.0	13.8	A	A	A	A	14.9
6	18.8	17.2	14.1	14.0	15.2	14.0	13.7	A	A	A	A	14.7
7	20.6	16.0	13.9	13.9	14.8	14.0	13.7	12.8	A	A	A	14.5
8	20.3	15.3	13.8	13.9	14.6	14.0	13.7	A	A	A	A	14.2
9	18.8	15.2	13.9	13.9	14.5	13.9	13.7	A	A	12.7	A	14.2
10	18.1	15.0	13.8	13.8	14.4	13.8	13.7	A	A	A	A	14.8
11	18.9	14.8	13.8	13.6	14.3	13.7	13.7	A	A	A	A	14.1
12	18.5	14.5	13.8	13.7	14.3	13.7	13.7	A	A	A	12.9	14.0
13	17.5	14.6	13.8	15.3	16.3	13.7	13.7	A	A	A	A	17.0
14	17.0	16.0	13.8	A	16.9	15.5	13.7	A	A	A	A	16.2
15	16.5	15.0	13.6	A	15.7	14.5	13.5	A	A	A	A	15.1
16	16.8	14.7	13.6	A	16.0	14.4	13.3	A	A	A	A	14.8
17	16.0	14.7	13.6	A	15.5	14.3	13.3	A	A	A	A	14.7
18	15.6	14.7	13.6	A	15.7	14.2	13.3	A	A	A	A	14.5
19	15.4	14.9	13.6	A	15.5	14.0	13.3	A	12.8	A	12.9	14.2
20	15.3	15.1	13.6	A	15.3	13.9	13.3	A	A	A	16.7	14.1
21	15.1	14.6	13.5	A	14.9	14.5	13.3	A	A	A	15.6	14.0
22	14.9	14.5	13.5	A	14.7	14.0	13.3	A	A	A	14.4	14.0
23	14.8	14.4	13.5	15.3	14.5	13.9	13.3	A	A	A	14.2	15.2
24	14.7	14.2	13.5	15.0	14.8	13.9	13.3	A	A	A	14.1	14.7
25	14.6	14.1	13.5	14.7	15.7	14.9	13.3	A	A	A	13.9	14.3
26	14.5	14.0	13.7	14.5	16.3	14.3	13.3	A	A	A	13.7	14.3
27	14.4	14.0	13.7	14.6	15.4	14.1	13.3	12.8	A	A	13.7	14.2
28	14.4	13.9	13.6	16.6	15.1	14.0	13.3	A	A	A	13.6	14.0
29	14.3		13.5	20.9	14.9	13.9	13.2	A	A	13.4	13.6	14.0
30	14.3		13.6	20.6	14.7	13.8	13.1	12.9	12.7	14.6	13.6	13.9
31	14.2		13.6		14.5		13.0	A		14.0		13.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	16.29	14.68	13.76		15.39	14.10	13.48					14.66
MAX.	20.6	17.2	14.8		18.6	15.5	14.0					17.4
MIN.	14.2	13.9	13.5		14.3	13.7	13.0					13.8

A- NO RECORD.
HIGHEST STAGE WAS 20.99 ON APR. 29.
LOWEST STAGE WAS NOT DETERMINED.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

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DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.9	13.7	15.1	E 15.4	15.4	14.2	A	13.0	12.9	12.7	13.0	13.1
2	12.9	15.9	15.2	E 15.1	16.5	16.0	A	13.0	12.9	12.7	13.0	13.1
3	12.9	16.7	15.1	E 14.9	18.4	15.2	A	13.0	12.9	12.8	13.0	13.0
4	12.8	16.3	14.9	E 14.7	17.2	14.8	A	13.0	12.9	13.0	13.0	13.0
5	A	15.0	14.8	A	16.1	14.5	A	13.0	12.9	12.9	13.0	13.0
6	A	14.9	14.7	A	15.5	14.3	A	13.0	12.7	12.7	13.0	12.9
7	A	14.8	14.7	A	15.4	14.1	A	12.9	12.7	12.7	13.0	12.9
8	A	14.7	18.6	A	15.4	14.0	A	12.9	12.7	14.3	13.0	12.8
9	A	14.6	19.1	A	15.2	13.9	A	12.9	12.7	15.5	13.1	12.9
10	12.8	15.6	17.2	A	15.0	13.8	A	12.9	12.7	17.4	13.0	E 13.3
11	12.8	14.9	16.2	A	14.9	13.7	A	12.9	12.7	15.5	13.1	E 13.9
12	12.8	14.6	15.7	A	14.8	13.8	13.2	12.9	12.7	14.7	13.1	E 14.6
13	12.8	14.5	15.4	A	14.7	13.8	A	12.9	12.7	14.5	12.9	E 15.3
14	12.9	14.3	15.4	A	14.6	A	A	12.9	12.7	14.4	13.1	E 15.9
15	12.9	16.0	17.3	A	14.6	A	A	12.9	12.7	14.1	13.1	E 16.6
16	12.9	19.9	16.9	A	14.5	A	A	12.9	12.7	13.8	13.1	E 17.3
17	12.8	19.0	15.7	15.1	14.5	A	A	12.9	12.7	13.6	13.1	E 17.9
18	12.9	18.2	15.3	16.9	14.1	A	A	12.9	12.7	13.6	13.1	18.8
19	12.9	17.0	15.0	15.5	14.0	A	A	12.9	12.7	13.6	13.0	18.6
20	13.3	16.1	14.8	15.4	15.8	A	13.2	12.9	12.7	13.6	13.0	17.0
21	13.8	15.6	A	16.7	15.2	A	13.2	12.9	12.7	13.5	13.0	17.2
22	13.4	16.3	A	16.3	16.5	14.9	13.1	12.9	12.7	13.6	13.0	21.2
23	13.6	16.9	A	15.4	15.4	14.5	13.1	12.9	12.7	13.5	13.0	20.8
24	13.5	15.9	A	15.4	15.4	13.8	13.1	12.9	12.7	13.3	13.1	19.5
25	13.3	15.4	A	15.2	15.3	13.7	13.1	12.9	12.7	13.2	13.1	E 18.6
26	13.3	15.4	A	14.7	15.1	13.6	13.1	12.9	12.7	13.2	13.1	E 18.0
27	13.2	15.3	A	14.4	14.9	13.6	13.1	12.9	12.7	13.2	13.1	E 17.5
28	13.2	15.1	A	18.0	15.0	A	13.0	12.9	12.7	13.2	13.0	18.6
29	13.7		A	19.0	14.9	A	13.0	12.9	12.7	13.1	13.1	18.1
30	13.8		15.2	16.6	14.7	A	13.0	12.9	12.7	13.1	13.1	18.2
31	13.4		16.3		14.3		13.0	12.9		13.0		18.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	15.80	15.26	12.92	12.74	13.67	13.03	16.20
MAX.	19.9	18.4	13.0	12.9	17.4	13.1	21.2
MIN.	13.7	14.0	12.9	12.7	12.7	12.9	12.8

A- NO RECORD.
E- ESTIMATED.
HIGHEST STAGE WAS 21.29 ON DEC. 22.
LOWEST STAGE WAS NOT DETERMINED.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 11.94 FEET WAS OBSERVED ON JUL. 22 AND 23, 1987. MAXIMUM 3,501 CFS WAS COMPUTED FOR MAY 15, 1983. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 15 CFS WAS COMPUTED FOR NOV. 19, 1983.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.1	14.5	15.8	15.5	13.8	13.7	14.5	13.3	13.1	12.8	12.8	12.8
2	14.9	14.3	15.4	15.2	13.8	13.7	15.3	13.2	13.1	12.8	12.8	12.8
3	14.9	19.0	15.2	15.2	13.8	13.6	15.0	13.2	13.1	12.8	12.8	12.8
4	14.7	E 20.0	15.0	17.0	13.7	13.5	14.5	13.1	13.1	12.7	12.8	12.8
5	14.5	E 20.1	18.1	16.1	13.8	13.7	14.2	13.1	13.1	12.7	12.8	12.8
6	14.8	E 20.2	19.7	15.3	13.7	13.6	14.0	13.1	13.0	12.8	12.8	12.8
7	14.7	E 20.3	18.4	15.2	13.7	13.6	13.9	13.1	13.0	12.9	12.8	12.8
8	14.9	E 20.3	17.2	15.1	13.7	13.6	13.8	13.0	13.0	12.8	12.8	12.9
9	14.9	E 20.4	16.5	14.9	13.8	13.6	13.7	13.0	13.0	12.8	12.8	12.9
10	14.8	E 20.5	16.1	14.7	14.0	13.5	13.7	13.0	13.0	12.8	12.8	12.9
11	14.7	E 20.6	15.8	14.6	13.9	13.5	13.6	13.0	13.0	12.8	12.8	12.9
12	16.2	E 20.7	15.5	14.5	13.8	13.6	13.6	13.0	12.9	12.8	12.8	12.9
13	19.2	E 20.8	15.3	14.4	13.7	14.2	13.7	13.0	12.8	12.8	12.8	12.9
14	17.7	E 20.8	15.2	14.3	13.7	14.6	13.6	13.0	12.9	12.8	12.8	12.9
15	18.2	21.7	14.9	14.2	13.7	15.1	13.5	13.0	12.8	12.8	12.8	12.9
16	16.8	22.1	14.8	14.2	13.6	15.0	13.5	12.9	12.8	12.8	12.8	12.9
17	16.0	21.8	14.7	14.2	13.6	15.0	13.4	12.9	12.8	12.8	12.8	12.8
18	15.6	21.5	14.6	14.1	13.6	15.0	13.4	13.1	12.8	12.9	12.8	12.8
19	15.2	20.6	14.5	14.1	13.6	15.5	13.4	13.1	12.8	12.9	12.8	12.8
20	14.9	19.4	14.5	14.0	13.6	14.8	13.4	13.1	12.8	12.9	12.7	12.8
21	14.8	21.5	14.8	14.0	13.6	14.7	13.4	13.1	12.8	12.9	12.7	12.8
22	14.7	20.9	14.7	14.0	13.7	14.5	13.4	13.1	12.8	12.8	12.7	12.7
23	14.6	19.3	14.7	13.9	14.8	14.4	13.4	13.1	12.8	12.8	12.7	12.8
24	14.5	18.0	14.6	13.9	14.3	14.2	13.4	13.1	12.8	12.8	12.7	12.8
25	14.4	17.3	14.5	13.9	14.1	14.1	13.4	13.1	12.8	12.8	12.7	12.8
26	14.6	16.9	14.4	13.9	13.9	14.0	13.4	13.1	12.8	12.8	12.7	12.8
27	14.9	16.5	14.3	13.9	14.1	13.9	13.4	13.2	12.8	12.8	12.7	12.8
28	14.8	16.3	14.3	13.9	14.2	14.0	13.4	13.1	12.8	12.8	12.7	12.8
29	14.8		15.2	13.9	14.0	13.8	13.4	13.1	12.8	12.8	12.7	12.8
30	14.8		16.1	13.8	13.8	13.7	13.5	13.1	12.8	12.8	12.7	12.9
31	14.6		16.2		13.7		13.5	13.1		12.8		12.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	15.29	19.51	15.52	14.53	13.82	14.11	13.71	13.08	12.90	12.82	12.76	12.82
MAX.	19.2	22.1	19.7	17.0	14.8	15.5	15.3	13.3	13.1	12.9	12.8	12.9
MIN.	14.4	14.3	14.3	13.8	13.6	13.5	13.4	12.9	12.8	12.7	12.7	12.7

E- ESTIMATED.
HIGHEST STAGE WAS 22.11 ON FEB. 16.
LOWEST STAGE WAS 12.67 ON NOV. 30.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 11.94 FEET WAS OBSERVED ON JUL. 22 AND 23, 1987. MAXIMUM 3,501 CFS WAS COMPUTED FOR MAY 15, 1983. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 15 CFS WAS COMPUTED FOR NOV. 19, 1983.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19.0	14.4	14.0	14.9	13.7	13.5	12.7	13.5	E 12.9	E 13.0	12.9	14.7
2	18.0	15.5	14.0	14.9	13.7	13.5	12.7	13.5	E 12.9	E 13.0	12.9	14.6
3	17.3	18.2	14.0	14.9	13.7	13.4	12.8	13.6	E 12.9	E 13.0	12.9	14.5
4	16.7	16.8	14.1	14.8	13.7	13.3	12.9	E 13.6	E 12.9	E 13.0	12.9	14.3
5	16.1	16.1	14.0	14.5	13.6	13.3	12.9	E 13.6	E 12.9	13.0	12.9	14.2
6	15.8	15.6	14.0	14.4	13.7	13.3	12.9	E 13.2	E 12.9	12.9	12.9	14.1
7	15.4	15.4	14.0	14.3	13.6	13.3	12.9	E 13.2	E 12.9	12.9	12.9	14.0
8	15.2	15.2	14.0	14.2	13.7	13.3	12.9	E 13.2	E 12.9	12.9	12.9	14.1
9	15.1	15.0	15.2	14.0	13.6	13.3	12.8	13.1	12.9	12.8	12.9	14.1
10	15.0	14.8	15.0	14.0	13.6	13.3	12.8	13.1	E 12.9	12.8	12.9	14.0
11	14.8	14.7	14.9	14.0	13.6	13.3	12.8	13.1	E 12.9	12.8	12.9	13.9
12	14.7	14.6	14.8	13.9	13.6	13.2	12.9	13.1	E 12.9	12.8	12.9	13.9
13	14.7	14.5	14.7	13.9	13.6	13.2	14.0	13.1	E 12.9	12.8	13.0	13.9
14	14.6	14.5	14.5	14.1	13.6	13.2	14.4	13.1	E 12.9	12.8	12.9	14.0
15	14.6	14.7	14.4	14.1	13.6	13.2	13.9	13.1	E 12.9	12.8	12.9	14.0
16	14.5	14.6	14.2	14.0	13.6	13.2	13.6	13.0	E 12.9	12.7	12.9	14.0
17	14.9	14.4	14.2	14.0	13.6	13.2	13.5	13.0	E 12.9	12.8	13.2	13.9
18	15.6	14.4	14.2	14.2	13.6	13.2	13.4	13.0	E 12.9	12.8	13.1	14.0
19	15.7	14.7	14.2	14.2	13.6	13.1	13.3	12.9	E 12.9	12.8	19.0	13.8
20	17.8	14.7	14.1	14.0	13.6	12.9	13.2	12.9	E 12.9	12.9	20.5	13.7
21	17.0	14.5	14.1	14.0	13.5	12.9	13.2	12.9	E 12.9	12.9	19.9	13.7
22	16.1	14.5	14.1	14.0	13.6	13.0	13.1	12.9	E 12.9	12.9	18.6	13.8
23	15.8	14.4	13.9	13.9	13.6	13.0	13.1	12.9	E 12.9	12.9	17.0	14.0
24	15.6	14.3	14.0	13.9	13.6	13.0	13.1	12.9	E 12.9	13.0	15.9	14.5
25	15.3	14.2	14.0	13.9	13.5	13.0	13.4	12.9	E 12.9	12.9	15.4	14.4
26	15.0	14.1	14.0	13.8	13.5	12.9	14.7	12.9	E 13.0	12.9	15.6	14.1
27	14.7	14.1	13.9	13.8	13.5	12.9	14.0	12.9	E 13.0	12.9	18.6	14.1
28	14.6	14.0	13.9	13.8	13.5	12.8	13.8	12.9	E 13.0	12.9	16.9	18.6
29	14.5	14.0	13.9	13.7	13.5	12.7	13.6	12.8	E 13.0	12.9	15.7	17.8
30	14.5		14.2	13.7	13.5	12.7	13.6	12.8	E 13.0	12.9	15.1	16.1
31	14.4		14.3		13.5		13.5	E 12.9		12.9		15.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	15.57	14.86	14.21	14.12	13.59	13.14	13.30	13.09	12.92	12.88	14.71	14.45
MAX.	19.0	18.2	15.2	14.9	13.7	13.5	14.7	13.6	13.0	13.0	20.5	18.6
MIN.	14.4	14.0	13.9	13.7	13.5	12.7	12.7	12.8	12.9	12.7	12.9	13.7

E- ESTIMATED.
HIGHEST STAGE WAS 20.62 ON NOV 20.
LOWEST STAGE WAS 12.71 ON JUL 1 AND SUBSEQUENT DAYS.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 12.59 FEET WAS OBSERVED ON OCT. 31, 1983. MAXIMUM, 3,501 CFS WAS COMPUTED FOR MAY 15, 1983. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 25 CFS WAS COMPUTED FOR NOV. 3, 1986.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.5	13.3	19.4	13.7	13.5	13.9	14.0	13.0	12.8	12.7	12.8	A
2	13.5	13.4	17.3	13.6	13.5	13.6	14.1	13.0	12.8	12.7	12.8	14.1
3	13.5	13.4	16.0	13.6	13.5	13.5	14.2	13.0	12.8	12.7	12.7	13.9
4	13.4	13.3	15.5	13.6	13.4	13.5	15.6	13.0	12.8	12.8	12.7	13.7
5	13.4	13.3	15.2	13.6	13.5	13.5	15.2	13.4	12.8	12.8	12.7	13.6
6	13.4	13.3	14.9	13.6	13.5	13.4	15.1	13.4	12.8	12.8	12.7	13.5
7	13.4	13.4	14.6	13.6	13.4	13.3	14.7	13.2	12.8	12.8	12.7	13.5
8	13.4	13.3	14.4	13.5	13.4	13.3	14.2	13.1	12.8	12.8	12.7	13.5
9	13.4	13.3	14.3	13.5	13.4	13.3	13.4	13.0	12.8	12.8	12.8	13.4
10	13.4	13.3	14.1	13.5	13.4	13.3	13.0	13.0	12.8	12.8	12.9	13.4
11	13.4	13.3	14.1	13.5	13.4	13.3	12.8	13.0	12.8	12.8	12.8	13.4
12	13.4	13.3	14.0	13.5	13.4	13.2	12.8	13.0	12.8	12.8	12.8	13.3
13	13.4	13.3	13.9	13.5	13.4	13.2	12.7	13.0	12.8	12.8	12.8	13.3
14	13.4	13.3	13.9	14.0	13.3	13.2	12.6	13.0	12.8	12.8	12.8	14.0
15	13.4	13.3	13.8	14.0	13.4	13.3	12.6	12.9	12.8	12.8	12.8	15.9
16	13.3	13.3	13.8	14.0	13.6	13.2	12.6	12.9	12.9	12.8	12.9	15.3
17	13.3	13.3	13.8	14.0	13.6	13.1	12.6	12.9	12.9	12.8	17.6	14.9
18	13.3	13.4	15.0	13.9	13.5	13.1	12.6	12.9	12.9	12.8	15.8	14.6
19	13.4	13.4	14.7	13.8	13.4	13.1	12.5	12.9	12.8	12.8	14.3	14.5
20	13.4	13.4	14.3	13.7	13.4	13.4	12.5	12.9	12.9	12.7	A	14.6
21	13.4	13.4	14.2	13.7	13.3	13.3	12.3	12.9	12.9	12.8	A	14.3
22	13.4	13.4	14.0	13.7	13.3	13.3	12.0	12.9	12.9	12.8	A	14.1
23	13.4	13.4	14.0	13.6	13.3	13.3	11.9	12.9	12.9	12.8	A	14.0
24	13.4	13.4	14.0	13.6	13.3	13.2	12.0	12.9	12.9	12.8	A	14.2
25	13.4	13.4	13.9	13.6	13.5	13.3	12.1	12.9	12.9	12.8	A	19.0
26	13.4	13.4	13.8	13.6	13.8	14.0	12.4	12.9	12.8	12.9	A	21.4
27	13.3	15.6	13.8	13.6	13.5	14.1	12.9	12.9	12.8	12.8	A	21.9
28	13.3	16.0	13.7	13.5	13.4	14.0	13.0	12.9	12.8	12.8	A	21.9
29	13.4		13.7	13.5	13.4	14.0	13.0	12.9	12.8	12.8	A	21.2
30	13.3		13.7	13.5	13.4	13.9	13.0	12.8	12.8	12.8	A	20.3
31	13.3		13.7		13.3		13.0	12.8		12.8		19.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	13.37	13.51	14.49	13.64	13.42	13.43	13.15	12.97	12.84	12.77
MAX.	13.5	16.0	19.4	14.0	13.8	14.1	15.6	13.4	12.9	12.9
MIN.	13.3	13.3	13.7	13.5	13.3	13.1	11.9	12.8	12.8	12.7

A- NO RECORD.
HIGHEST STAGE WAS 22.03 ON DEC. 27.
LOWEST STAGE WAS 11.94 ON JUL. 22 AND 23.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 12.59 FEET WAS OBSERVED ON OCT. 31, 1983. MAXIMUM, 3,386 CFS WAS OBSERVED ON APR. 2, 1979. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 44 CFS WAS COMPUTED FOR SEP. 25, 1977.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.7	13.4	13.7	13.6	13.7	14.7	13.7	13.2	13.0	E 13.0	12.9	13.3
2	13.7	13.4	13.7	13.6	13.8	14.4	13.7	13.2	13.0	E 13.0	12.9	13.2
3	13.7	13.4	13.7	13.6	13.7	14.4	13.6	13.2	13.0	E 13.0	12.9	13.2
4	13.7	13.6	13.7	13.6	13.7	14.5	13.6	13.2	13.0	E 13.0	12.9	13.2
5	13.7	14.3	13.6	13.9	13.7	17.6	13.5	13.2	13.0	E 12.9	12.9	13.3
6	13.7	14.1	13.7	14.9	13.7	18.3	13.5	13.2	13.0	E 12.9	12.9	13.3
7	13.7	14.7	13.6	14.2	13.7	17.0	13.5	13.2	13.0	E 12.9	12.9	13.4
8	13.6	14.3	13.6	15.0	13.7	16.0	13.5	13.2	13.0	E 12.9	15.0	13.5
9	13.6	14.3	13.6	15.5	13.7	15.3	13.5	13.2	13.0	E 12.9	15.6	14.0
10	13.6	14.2	13.6	15.0	13.8	15.2	13.5	13.2	13.0	12.8	14.5	17.0
11	13.6	14.2	13.5	14.8	14.6	15.1	13.4	13.2	13.0	12.8	14.8	15.6
12	13.6	14.2	16.0	14.7	14.9	14.9	13.4	13.2	E 13.0	13.0	14.5	15.2
13	13.5	14.1	15.8	14.4	14.7	14.7	13.4	13.1	E 13.0	13.4	14.0	15.0
14	13.5	14.1	14.9	14.3	14.4	14.7	13.4	13.1	E 12.9	13.1	13.7	14.7
15	13.5	14.5	14.6	14.1	14.5	14.6	13.3	13.1	E 12.9	13.0	13.6	14.3
16	13.5	14.7	14.4	14.0	15.0	14.5	13.3	13.1	13.0	13.0	13.4	14.0
17	13.5	14.6	14.1	14.0	14.6	14.3	13.3	13.2	13.0	13.0	13.4	13.9
18	13.5	14.6	13.9	14.0	15.5	14.2	13.3	13.1	13.1	12.9	13.3	13.8
19	13.6	14.4	14.2	13.9	15.5	14.1	13.3	13.1	13.0	12.9	13.2	13.8
20	13.5	14.3	14.0	14.0	15.0	14.0	13.3	13.1	13.1	13.0	13.2	13.7
21	13.5	14.1	13.9	14.0	14.8	14.0	13.3	13.1	13.0	13.0	13.2	13.7
22	13.5	14.0	13.8	13.9	14.6	13.9	13.2	13.1	13.4	12.9	13.2	13.7
23	13.5	13.9	13.8	13.8	14.7	13.9	13.2	13.1	13.1	12.9	13.2	13.6
24	13.4	13.9	13.7	13.8	14.7	13.8	13.2	13.1	13.0	13.0	13.2	13.6
25	13.4	13.9	13.7	13.8	16.5	13.8	13.2	13.1	13.0	13.0	13.2	13.6
26	13.4	13.9	13.7	13.8	17.9	13.8	13.2	13.0	E 13.0	13.0	13.5	13.6
27	13.3	13.9	13.6	13.8	18.0	13.7	13.2	13.0	E 13.0	12.9	13.4	13.6
28	13.3	13.8	13.6	13.8	16.2	13.7	13.6	13.0	E 13.0	12.9	13.3	13.6
29	13.4		13.6	13.8	15.5	13.7	13.4	13.0	E 13.0	12.9	13.3	13.6
30	13.4		13.6	13.8	15.0	13.7	13.3	13.0	E 13.0	12.9	13.3	13.5
31	13.4		13.6		14.9		13.2	13.0		12.9		13.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	13.53	14.09	13.95	14.10	14.80	14.69	13.38	13.11	13.02	12.95	13.50	13.91
MAX.	13.7	14.7	16.0	15.5	18.0	18.3	13.7	13.2	13.4	13.4	15.6	17.0
MIN.	13.3	13.4	13.5	13.6	13.7	13.7	13.2	13.0	12.9	12.8	12.9	13.2

E- ESTIMATED.
HIGHEST STAGE WAS 18.57 ON JUN. 5.
LOWEST STAGE WAS 12.83 ON OCT. 10 AND SUBSEQUENT DAYS.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 12.59 FEET WAS OBSERVED ON OCT. 31, 1983. MAXIMUM, 3,501 CFS WAS COMPUTED FOR MAY 15, 1983. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 44 CFS WAS COMPUTED FOR SEP. 25, 1977.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.1	E 14.7	E 15.1	14.9	17.2	14.4	A	A	A	13.2	14.9	A
2	15.9	E 14.6	E 15.0	14.6	16.4	14.3	A	A	A	13.2	14.2	A
3	15.5	E 14.5	E 14.9	14.6	15.8	14.2	A	A	A	13.2	13.9	A
4	15.5	E 14.5	E 14.9	E 14.6	15.5	14.1	A	A	13.4	13.3	13.8	A
5	15.3	E 14.5	E 14.8	E 14.6	15.3	14.1	A	A	13.4	13.2	13.6	A
6	15.2	E 14.5	14.7	E 14.4	15.1	14.0	A	A	A	13.2	13.5	14.4
7	15.1	E 14.4	14.6	E 14.3	14.9	14.1	A	A	A	13.2	13.4	14.3
8	15.5	E 14.3	14.6	E 14.3	15.0	14.0	A	A	A	13.2	13.3	14.2
9	15.3	E 14.3	14.5	E 14.3	15.0	14.0	A	A	A	13.2	13.3	14.1
10	15.3	E 14.2	14.4	14.2	14.7	13.9	A	A	A	13.2	13.3	14.0
11	15.3	E 14.2	14.5	14.2	14.6	14.0	A	A	A	13.2	13.3	14.1
12	15.1	E 14.2	14.4	14.1	14.6	14.0	A	A	A	13.3	13.3	14.6
13	15.0	E 14.1	14.3	14.1	14.6	14.0	A	A	A	13.2	13.3	14.4
14	14.9	E 14.1	14.3	14.1	14.5	13.9	A	A	A	13.2	13.3	14.4
15	14.8	E 14.7	14.3	14.3	14.7	13.9	A	A	A	13.3	13.3	14.3
16	14.6	E 17.5	14.2	14.2	14.7	13.9	A	A	A	13.3	13.5	14.2
17	14.7	E 16.5	14.2	14.2	14.5	13.9	A	A	A	13.3	13.6	14.1
18	14.6	E 16.1	14.2	14.2	14.4	14.0	A	A	A	13.3	13.6	14.0
19	14.6	E 15.2	14.1	14.1	14.3	A	A	A	A	13.3	13.6	14.0
20	14.5	E 15.1	14.1	14.1	14.2	A	A	A	A	13.3	13.6	14.0
21	14.4	E 15.0	14.1	14.0	14.2	A	A	A	A	13.3	13.5	13.9
22	14.4	E 15.3	14.5	14.0	15.6	A	A	A	A	13.2	13.4	14.0
23	14.4	E 15.5	14.3	14.1	15.8	A	A	A	13.5	13.3	13.4	13.9
24	14.3	E 15.3	14.2	16.7	15.2	A	A	A	13.3	13.5	13.4	13.9
25	14.3	E 15.2	14.2	15.8	15.1	A	A	A	13.2	13.4	13.4	13.9
26	14.3	E 15.1	14.1	15.2	14.9	A	A	A	13.3	13.4	13.4	13.8
27	14.2	E 15.3	14.2	16.7	14.7	14.6	A	A	13.3	13.3	18.4	13.8
28	14.3	E 15.1	14.2	17.3	14.5	A	A	A	13.2	13.3	18.7	13.8
29	14.2		14.1	16.0	14.8	A	A	A	13.2	13.2	16.7	13.8
30	14.2		14.1	15.5	14.9	A	A	A	13.2	13.2	15.7	13.8
31	15.1		15.6		14.7		A	A		13.7		13.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	14.86	14.93	14.43	14.72	14.97					13.28	14.04
MAX.	16.1	17.5	15.6	17.3	17.2					13.7	18.7
MIN.	14.2	14.1	14.1	14.0	14.2					13.2	13.3

A- NO RECORD.
E- ESTIMATED.
HIGHEST AND LOWEST STAGES NOT DETERMINED.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 12.59 FEET WAS OBSERVED ON OCT. 31, 1983. MAXIMUM, 3,501 CFS WAS COMPUTED FOR MAY 15, 1983. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 44 CFS WAS COMPUTED FOR SEP. 25, 1977.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.9	14.2	13.8	14.2	14.0	14.0	13.2	12.9	13.8	13.5	15.1	15.0
2	13.9	14.1	13.8	14.2	14.0	13.9	13.2	12.9	13.5	13.4	16.7	14.9
3	13.9	14.1	13.8	18.2	15.8	13.8	13.1	12.8	13.4	13.4	16.0	14.8
4	14.0	14.0	13.8	16.8	16.3	13.8	13.1	12.8	13.4	13.4	15.7	14.6
5	14.5	14.0	17.0	15.6	15.3	13.7	13.1	13.7	13.3	13.4	15.6	14.8
6	14.7	13.9	15.9	15.2	15.4	13.7	13.1	16.4	13.2	13.3	15.4	14.6
7	14.5	13.9	15.1	14.9	19.0	13.7	13.1	16.8	13.2	13.5	15.2	14.6
8	14.4	13.9	14.8	14.7	19.5	13.7	13.1	14.7	13.1	13.9	15.0	14.5
9	14.3	13.9	14.5	16.0	17.8	13.6	13.1	13.9	15.5	14.0	E 14.9	14.4
10	14.4	13.9	14.3	15.4	16.3	13.6	13.1	13.5	16.9	14.1	E 14.8	14.4
11	14.4	13.9	14.2	14.8	15.7	13.5	13.1	13.4	15.5	14.1	E 14.7	14.3
12	14.2	13.9	14.1	14.7	15.3	13.5	13.1	13.3	14.7	13.8	E 14.7	14.3
13	14.1	15.5	14.1	14.6	15.0	13.5	13.1	13.2	14.3	13.7	E 14.6	14.2
14	14.1	14.9	14.1	14.4	14.8	13.5	13.0	13.2	14.1	13.7	E 14.6	14.2
15	14.0	14.7	14.0	14.3	14.6	13.5	13.0	13.2	13.9	13.6	E 14.5	14.2
16	14.0	14.5	14.8	14.3	14.5	13.5	13.0	13.2	13.7	13.6	14.4	14.2
17	13.9	14.3	15.2	14.2	14.4	13.5	13.0	13.3	13.6	14.4	14.3	14.2
18	13.9	14.2	16.5	14.2	14.3	13.5	13.1	13.3	13.5	14.2	15.2	14.3
19	13.9	14.1	15.4	14.1	14.3	13.5	13.0	13.3	13.4	15.1	17.3	14.3
20	13.8	14.1	16.4	14.1	14.3	13.4	13.0	13.3	13.4	15.8	16.3	15.0
21	13.8	14.0	15.3	14.1	14.2	13.4	13.0	13.2	13.3	19.5	15.7	16.6
22	13.8	14.0	14.9	14.1	14.2	13.4	13.0	13.2	13.3	18.5	15.4	16.3
23	13.8	14.0	14.7	14.0	14.1	13.4	13.0	13.3	13.3	17.3	15.2	15.7
24	16.6	13.9	14.5	14.0	14.0	13.3	12.9	13.2	15.6	17.0	15.0	15.5
25	16.3	13.9	14.5	14.0	14.0	13.3	13.0	13.2	14.6	16.5	14.8	15.3
26	15.6	13.9	14.4	13.9	14.0	13.3	12.9	13.2	14.2	16.0	14.5	15.1
27	15.3	13.9	14.3	14.0	14.0	13.3	12.9	13.1	13.9	15.8	15.8	15.0
28	15.1	13.9	14.9	14.2	14.0	13.2	12.9	13.1	13.7	15.5	15.9	15.0
29	15.0	13.9	14.6	14.1	14.1	13.2	12.9	13.1	13.6	15.5	15.3	14.9
30	14.7		14.3	14.1	14.2	13.2	12.9	13.1	13.5	15.2	15.2	14.8
31	14.4		14.3		14.1		12.9	14.4		15.1		15.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	14.43	14.11	14.71	14.65	15.01	13.51	13.03	13.52	13.93	14.83	15.25	14.80
MAX.	16.6	15.5	17.0	18.2	19.5	14.0	13.2	16.8	16.9	19.5	17.3	16.6
MIN.	13.8	13.9	13.8	13.9	14.0	13.2	12.9	12.8	13.1	13.3	14.3	14.2

E- ESTIMATED.
HIGHEST STAGE WAS 19.78 ON MAY 7.
LOWEST STAGE WAS 12.82 ON AUG. 2 AND SUBSEQUENT DAYS.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 12.70 FEET WAS OBSERVED ON SEP. 4 1980. MAXIMUM, 3,386 CFS WAS OBSERVED ON APR. 2, 1979. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 44 CFS WAS COMPUTED FOR SEP. 25, 1977.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.6	14.5	13.7	13.5	19.1	14.5	13.7	13.1	12.8	12.8	12.6	13.9
2	15.3	15.5	13.7	13.6	17.4	14.3	13.6	13.1	12.8	12.8	12.7	14.1
3	15.1	15.2	13.7	13.6	19.9	14.3	13.6	13.2	12.8	12.8	12.7	18.7
4	15.0	14.8	13.7	13.5	19.0	14.3	13.6	13.1	12.9	12.8	12.7	18.1
5	14.9	14.7	13.7	14.0	17.1	14.3	13.6	13.1	12.8	12.8	12.7	16.5
6	14.8	14.8	14.9	15.3	16.1	14.3	13.5	13.1	12.8	12.8	12.7	16.7
7	14.7	14.6	14.4	15.4	15.6	14.2	13.5	13.1	12.8	12.8	12.7	15.9
8	14.6	14.4	14.3	16.1	15.2	14.1	13.5	13.1	12.8	12.8	12.7	15.2
9	14.5	14.4	14.2	16.1	15.0	14.1	13.4	13.1	12.9	12.8	12.7	14.9
10	14.5	14.3	14.0	15.3	14.8	14.1	13.4	13.1	12.9	12.8	12.7	14.6
11	14.4	14.2	13.9	14.9	14.7	14.1	13.4	13.0	12.9	12.8	12.7	15.4
12	14.3	14.1	13.8	14.6	17.9	14.0	13.4	13.0	12.8	12.8	12.7	15.2
13	14.3	14.0	13.8	14.4	19.3	14.0	13.3	13.1	12.8	12.8	12.7	14.7
14	14.3	14.0	13.7	16.8	17.3	13.9	13.4	13.0	12.8	12.8	12.7	14.6
15	14.2	14.0	13.7	15.9	20.9	14.0	13.3	13.0	12.8	12.8	12.7	14.5
16	14.2	13.9	13.7	15.4	20.3	14.0	13.3	13.0	12.8	12.8	12.7	14.3
17	14.1	13.9	13.6	15.2	18.7	14.0	13.3	13.0	12.8	12.8	12.7	14.1
18	14.1	13.8	13.6	15.0	17.1	14.0	13.3	13.0	12.8	12.9	12.7	14.0
19	14.0	13.8	13.6	14.7	20.4	13.9	13.3	13.0	12.8	12.8	12.7	13.9
20	14.0	13.8	13.6	14.5	19.2	13.9	13.3	12.9	12.8	12.7	13.1	13.8
21	14.0	13.8	13.6	14.4	17.6	13.8	13.3	12.9	12.9	12.7	13.2	13.8
22	14.1	13.8	13.6	14.3	17.0	13.8	13.3	12.9	12.9	12.7	12.9	15.3
23	14.1	13.8	13.6	14.3	16.2	13.8	13.2	12.9	12.9	12.7	14.7	15.1
24	14.2	13.8	13.5	17.3	15.7	13.8	13.2	12.9	12.8	12.7	18.3	14.7
25	14.2	13.8	13.5	16.0	15.4	13.7	13.1	12.9	12.8	12.7	15.8	E 14.5
26	14.3	13.8	13.5	15.4	15.8	13.7	13.1	12.9	12.8	12.7	14.7	E 14.4
27	14.3	13.7	13.5	15.0	15.1	13.7	13.2	12.9	12.8	12.7	14.4	E 14.3
28	14.2	13.7	13.5	14.7	14.8	13.7	13.2	12.8	12.8	12.6	15.2	E 14.2
29	14.2		13.5	14.5	14.7	13.7	13.2	12.9	12.8	12.6	14.4	E 14.1
30	14.3		13.5	15.0	14.6	13.6	13.2	12.8	12.8	12.6	14.1	E 14.0
31	14.1		13.5		14.5		13.1	12.8		12.6		14.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	14.40	14.17	13.74	14.95	16.98	13.99	13.34	12.99	12.83	12.75	13.38	14.89
MAX.	15.6	15.5	14.9	17.3	20.9	14.5	13.7	13.2	12.9	12.9	18.3	18.7
MIN.	14.0	13.7	13.5	13.5	14.5	13.6	13.1	12.8	12.8	12.6	12.6	13.8

E- ESTIMATED.
HIGHEST STAGE WAS 20.97 ON MAY 15.
LOWEST STAGE WAS 12.59 ON OCT. 31.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 12.70 FEET WAS OBSERVED ON SEP. 4 1980. MAXIMUM, 3,386 CFS WAS OBSERVED ON APR. 2, 1979. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 44 CFS WAS COMPUTED FOR SEP. 25, 1977.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	A	A	A	A	A	13.4	13.3	13.2	14.8
2	A	A	A	A	A	A	A	A	13.4	13.3	13.2	14.6
3	A	A	14.5	A	A	A	A	A	13.4	13.3	13.2	14.4
4	A	A	A	A	A	A	A	13.6	13.4	13.2	13.2	18.5
5	A	A	A	A	14.4	A	A	A	13.4	13.2	13.1	17.3
6	14.0	A	A	A	A	A	A	A	13.4	13.2	13.1	16.0
7	A	A	A	A	A	A	A	A	13.4	13.2	13.0	15.5
8	A	A	A	A	A	A	A	A	13.3	13.3	13.0	15.2
9	A	A	A	15.8	A	A	A	A	13.3	13.3	13.0	14.9
10	A	A	A	A	A	14.3	A	A	13.3	13.2	13.0	14.7
11	A	A	A	A	A	A	A	A	13.3	13.2	13.0	14.6
12	A	A	A	A	A	A	A	13.7	13.3	13.2	13.0	14.4
13	A	A	A	A	A	A	A	A	13.5	13.2	13.0	14.3
14	A	A	A	A	A	A	14.1	A	13.4	13.2	13.0	14.2
15	A	A	A	A	A	A	A	A	13.4	13.3	13.0	14.8
16	A	A	A	A	A	A	A	A	13.3	13.3	12.9	16.0
17	A	A	A	A	A	A	A	A	13.3	13.2	12.9	15.1
18	A	A	A	A	A	A	A	A	13.4	13.2	12.9	15.0
19	A	A	A	A	A	A	A	A	13.4	13.2	12.9	14.9
20	A	A	A	A	A	A	A	A	13.4	13.2	13.4	14.7
21	A	A	A	15.2	14.2	A	A	A	13.3	13.2	15.9	14.4
22	A	A	A	A	A	A	A	A	13.3	13.2	14.4	14.3
23	A	A	A	A	A	14.3	A	A	13.3	13.2	16.5	14.3
24	A	A	A	A	A	A	A	A	13.3	13.2	16.0	14.2
25	A	A	A	A	A	A	A	A	13.3	13.2	14.6	14.8
26	A	A	A	A	A	A	A	13.5	13.3	13.2	14.2	16.2
27	A	A	A	A	A	A	A	13.5	13.3	13.1	14.3	16.6
28	A	A	A	A	A	A	A	13.5	13.3	13.1	17.3	19.5
29	A		A	A	A	A	A	13.5	13.3	13.1	15.9	18.3
30	A		A	A	A	A	A	13.4	13.3	13.2	15.1	16.8
31	A		A		A		A	13.5		13.2		16.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	13.35	13.21	13.83	15.46
MAX.	13.5	13.3	17.3	19.5
MIN.	13.3	13.1	12.9	14.2

A- NO RECORD.
HIGHEST AND LOWEST STAGES NOT DETERMINED.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 12.70 FEET WAS OBSERVED ON SEP. 4, 1980. MAXIMUM, 3,386 CFS WAS OBSERVED ON APR. 2, 1979. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 44 CFS WAS COMPUTED FOR SEP. 25, 1977.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	A	A	A	14.40	A	A	A	A	A
2	A	A	A	13.76	A	A	A	A	A	A	A	A
3	A	A	13.70	A	A	A	A	A	A	A	A	A
4	A	A	A	A	A	A	A	A	A	A	13.25	A
5	A	A	A	A	A	A	A	13.80	A	A	A	A
6	A	A	A	A	A	A	A	A	A	A	A	A
7	A	A	A	A	A	A	14.80	A	A	A	A	A
8	A	A	A	14.30	A	A	A	A	A	13.26	A	A
9	13.54	A	A	A	A	A	A	A	A	A	A	A
10	A	A	A	A	A	A	A	A	13.32	A	A	A
11	A	A	13.95	A	A	A	A	13.70	A	A	A	A
12	A	14.00	A	A	A	A	A	A	A	A	A	A
13	A	A	A	A	A	A	A	A	A	A	A	A
14	A	A	A	A	14.40	A	14.15	A	A	A	A	A
15	A	A	A	A	A	A	A	A	A	A	A	A
16	A	A	A	13.69	A	15.40	A	A	A	A	A	A
17	A	13.80	A	A	A	A	A	A	A	A	A	A
18	A	A	A	A	A	A	A	A	A	A	A	A
19	A	A	A	A	A	A	A	A	A	A	A	A
20	A	A	13.90	A	A	A	A	13.60	A	A	A	A
21	A	A	A	A	A	A	A	A	13.45	A	A	A
22	A	A	A	A	A	A	A	A	A	A	A	A
23	13.40	A	A	A	A	A	A	A	A	A	A	A
24	A	A	A	13.80	A	A	14.30	A	A	A	A	A
25	A	A	A	A	A	14.70	A	A	A	A	A	A
26	A	A	A	A	A	A	A	A	A	A	A	A
27	A	A	A	13.80	A	A	A	A	A	A	A	A
28	A		A	A	14.30	A	A	A	A	A	A	A
29	A		A	A	A	A	A	A	A	A	A	A
30	A		A		A		14.28	A		A		A
31												

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN
MAX.
MIN.

A-NO RECORD
YEARLY RECORD INCOMPLETE

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 13.10 FEET WAS OBSERVED ON SEP. 14 AND DEC. 10, 1979. MAXIMUM, 3,386 CFS WAS OBSERVED ON APR. 2, 1979. DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 44 CFS WAS COMPUTED FOR SEP. 25, 1977.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	15.6	15.6	A	A	A	A	A	A	A
2	A	A	A	A	A	A	A	A	A	12.9	A	A
3	A	A	A	A	A	A	A	A	A	A	A	A
4	A	A	A	A	A	15.5	A	A	12.7	A	A	A
5	A	A	A	A	A	A	A	A	A	A	A	A
6	A	13.9	A	A	A	A	A	A	A	A	A	A
7	A	A	13.9	A	A	A	A	A	A	12.9	A	A
8	14.0	A	A	A	A	A	13.5	A	A	A	A	A
9	A	A	A	15.8	A	A	A	A	12.8	A	A	16.9
10	A	A	A	A	A	A	A	A	A	A	A	A
11	A	A	A	A	A	A	A	A	A	A	A	A
12	A	13.8	14.0	A	A	A	A	A	A	A	A	A
13	A	A	A	A	A	A	A	A	A	A	13.3	A
14	A	A	A	A	A	A	A	A	A	A	A	A
15	A	A	A	A	A	A	13.4	13.0	A	A	A	A
16	A	A	A	A	A	A	A	A	A	A	A	A
17	14.5	A	A	A	A	A	A	A	A	A	A	A
18	A	A	A	A	A	A	A	A	A	A	A	A
19	A	A	A	A	A	A	A	A	13.3	A	15.0	13.8
20	A	A	A	A	14.2	A	A	A	A	A	A	A
21	A	14.3	A	A	A	A	A	A	A	A	A	A
22	A	A	A	14.6	A	A	A	A	A	A	A	A
23	A	A	A	A	A	A	A	A	A	A	A	A
24	A	A	A	A	A	A	A	A	A	A	A	A
25	14.1	A	A	A	A	A	A	A	13.3	A	A	A
26	A	A	A	A	A	A	A	12.8	A	A	13.7	A
27	A	A	A	A	A	A	A	A	A	A	A	A
28	A	A	A	A	A	A	A	A	A	A	A	A
29	A	A	A	A	A	A	13.2	A	A	A	A	A
30	A		A	A	14.1	A	A	A	A	A	A	A
31	A		A		A		A	A		A		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN
MAX.
MIN.

A- NO RECORD.
HIGHEST STAGE WAS NOT DETERMINED.
LOWEST STAGE OBSERVED WAS 12.70 ON SEP. 4.
STAGES SHOWN ABOVE ARE MEAN STAGES FOR TIME OF DISCHARGE OBSERVATION.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 13.91 FEET ON JAN. 10, 1977. MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 44 CFS COMPUTED ON SEP. 25, 1977.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	A	A	A	A	A	A	A	A	A
2	A	A	A	20.8	A	A	14.1	A	A	13.4	A	A
3	A	A	A	A	A	A	A	A	A	A	A	A
4	A	A	A	A	A	A	A	A	A	A	A	A
5	A	A	A	A	A	A	A	A	13.3	A	A	A
6	A	A	A	A	A	15.1	A	A	A	A	A	A
7	A	A	17.9	A	A	A	A	A	A	A	A	A
8	A	A	A	A	18.8	A	A	13.5	A	A	A	A
9	A	A	A	A	A	A	A	A	A	A	A	A
10	A	A	A	A	A	A	A	A	A	A	A	13.1
11	A	A	A	20.1	A	A	A	A	A	13.3	A	A
12	A	A	A	A	A	A	A	A	A	A	A	A
13	A	13.6	A	A	A	A	A	A	A	A	A	A
14	A	A	A	A	A	A	A	A	13.1	A	A	A
15	A	A	A	A	A	A	A	A	A	A	A	A
16	17.4	A	A	A	A	A	A	A	A	A	A	A
17	A	A	A	A	A	A	A	A	A	A	A	A
18	A	A	A	A	A	A	A	A	A	13.2	A	13.6
19	A	A	A	A	A	A	A	A	A	A	A	A
20	A	A	15.2	A	A	A	A	A	A	A	A	A
21	A	A	A	A	A	13.4	A	A	A	A	A	A
22	A	A	A	A	A	A	A	A	A	A	A	A
23	A	A	A	A	A	A	13.7	A	A	13.2	A	A
24	A	A	A	A	A	A	A	A	A	A	A	A
25	A	A	A	A	A	A	A	A	A	A	A	A
26	A	A	A	A	A	14.4	A	A	A	A	A	14.6
27	A	19.4	A	A	A	A	A	A	A	A	A	A
28	A	A	A	A	A	A	A	A	A	A	A	A
29	A		15.3	A	A	A	A	A	A	A	A	A
30	19.2		A	A	A	A	A	13.3	A	A	A	A
31	A		A		A		A	A		A		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN
MAX.
MIN.

A- NO RECORD.
YEARLY RECORD INCOMPLETE.
STAGES SHOWN ABOVE ARE MEAN STAGES FOR TIME OF DISCHARGE OBSERVATION.

DITCH NO. 63 AT RIVERVALE, ARK

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT - RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 13.91 FEET ON JAN. 10, 1977. MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 44 CFS COMPUTED ON SEP. 25, 1977.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	17.2	19.3	17.1	16.9	17.2	15.6	15.1	22.8	15.4	A	A
2	A	16.9	18.9	17.0	16.7	17.2	15.5	15.1	21.6	15.4	A	A
3	A	16.8	22.1	17.0	16.6	17.0	15.5	15.0	20.3	15.3	A	A
4	A	16.6	21.6	16.9	17.3	16.7	15.5	15.1	19.0	15.3	A	A
5	A	16.6	20.8	16.8	16.8	16.4	15.6	17.6	17.9	A	A	A
6	A	16.4	20.3	16.8	16.6	16.4	15.6	17.1	17.0	A	A	A
7	A	16.2	19.9	16.7	22.2	16.8	15.4	16.4	16.4	A	A	A
8	A	16.2	20.8	16.6	24.1	17.2	15.5	15.8	16.1	A	15.6	A
9	A	16.2	21.0	16.6	23.9	16.9	15.5	15.5	15.9	A	A	A
10	A	16.2	20.4	16.5	23.0	16.8	15.7	15.3	15.8	15.1	A	A
11	17.5	16.2	19.9	19.0	21.8	16.7	16.0	15.2	15.7	A	A	A
12	17.2	16.1	19.3	18.4	20.8	16.4	18.4	15.2	15.7	A	A	A
13	16.7	20.0	18.9	17.9	20.0	16.3	17.7	17.5	15.6	A	A	A
14	16.4	22.0	21.1	17.6	19.0	16.1	17.1	21.5	22.9	A	A	A
15	16.2	21.1	20.9	17.3	18.1	16.1	17.3	20.0	22.8	A	A	A
16	16.2	20.4	20.3	17.0	17.6	16.0	17.0	18.0	21.6	15.0	14.8	A
17	16.9	19.9	19.7	16.9	17.3	16.0	16.7	16.6	19.7	A	A	A
18	17.2	19.1	19.1	19.4	17.1	15.9	16.3	16.0	18.2	A	A	A
19	17.0	18.3	18.6	19.2	17.0	15.9	16.0	15.7	17.2	A	A	A
20	16.8	17.8	18.3	18.5	17.9	16.0	15.8	15.5	16.7	A	A	A
21	16.7	17.6	18.2	18.2	17.5	16.3	15.6	15.4	16.3	A	A	A
22	16.6	17.3	18.1	17.9	17.1	16.2	15.5	15.4	16.1	A	A	A
23	16.5	17.1	17.9	17.6	16.9	16.2	15.4	15.3	15.9	A	A	A
24	16.6	17.6	17.9	17.3	16.8	16.0	15.4	15.2	15.8	A	A	A
25	20.5	19.6	17.9	17.0	16.7	16.1	15.3	15.2	15.8	A	A	A
26	21.4	19.6	17.7	16.9	16.6	16.1	15.3	15.1	15.7	A	A	A
27	20.1	19.4	17.6	16.7	17.1	16.0	15.5	15.1	15.6	A	18.5	A
28	19.2	19.4	17.5	16.6	17.4	15.8	15.4	15.0	15.6	A	A	A
29	18.7		17.4	16.5	17.2	15.7	15.3	15.1	15.5	A	A	A
30	18.4		17.2	16.5	16.9	15.6	15.2	23.4	15.4	14.8	A	A
31	17.7		17.2		17.2		15.2	23.7		A		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	17.98	19.21	17.34	18.32	16.32	15.89	16.54	17.54
MAX.	22.0	22.1	19.4	24.1	17.2	18.4	23.7	22.9
MIN.	16.1	17.2	16.5	16.6	15.6	15.2	15.0	15.4

A- NO RECORD
HIGHEST STAGE WAS 24.08 ON MAY 8.
RECORD INCOMPLETE FOR LOWEST STAGE.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION: LAT. 35-15-07, LONG. 90-20-16, DOWN STREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAIABLE. STAGE AND MEASURED DISCHARGE, 5 MARCH 1969 TO DATE. DAILY FLOWS, 5 MARCH 1969 TO 31 DECEMBER 1972 AND FROM 1 JANUARY 1977 TO DATE.

EXTREMES: HIGHEST, 26.02 FEET FROM 1100 A.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 14.09 AT 500 P.M., ON DEC. 31, 1975. MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 96 CFS. WAS MEASURED ON OCTOBER 19, 1976.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 194.86 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.1	14.7	14.5	15.4	15.8	15.1	15.4	14.6	14.2	17.4	15.0	16.4
2	14.1	14.6	14.4	15.4	15.8	15.2	15.2	14.6	14.2	17.8	14.9	17.0
3	14.1	14.5	14.4	15.5	15.7	15.1	15.2	14.6	14.1	17.5	14.9	17.5
4	14.2	14.5	17.1	15.6	15.7	15.0	15.1	14.5	14.1	17.5	15.0	17.3
5	14.2	14.4	19.1	15.7	15.6	15.0	15.0	14.5	14.1	16.8	15.0	17.0
6	14.2	14.5	18.0	15.6	15.6	15.0	15.0	14.5	14.1	16.4	15.0	16.6
7	14.2	14.6	17.2	15.6	15.5	14.9	14.9	14.5	14.1	16.0	15.0	16.7
8	14.1	14.5	16.6	15.6	15.5	14.9	14.9	14.4	14.1	15.8	15.0	16.5
9	14.1	14.5	16.0	15.5	15.4	14.8	14.9	14.4	14.2	15.6	15.0	16.3
10	14.0	14.4	15.6	15.5	15.4	14.8	14.8	14.4	14.2	15.6	14.9	16.3
11	14.0	14.4	15.4	15.4	15.3	14.8	16.1	14.4	14.2	15.5	14.9	16.3
12	14.2	14.4	15.3	15.4	15.3	14.8	15.6	14.3	14.1	15.4	14.9	16.2
13	14.2	14.6	19.8	15.4	15.2	14.8	15.7	14.3	14.1	15.4	14.9	16.2
14	14.2	14.5	18.9	15.3	15.2	14.7	15.8	14.3	14.1	15.3	14.9	16.2
15	14.2	14.5	17.9	15.3	15.2	14.8	15.7	14.4	14.2	15.3	14.9	17.3
16	14.2	14.6	17.2	15.3	15.2	15.9	15.4	14.6	14.3	15.2	14.9	17.5
17	14.2	14.5	16.5	15.2	15.1	15.3	15.1	14.5	14.3	15.2	14.9	17.3
18	14.2	14.4	16.0	15.2	15.1	15.2	15.0	14.5	14.4	15.2	15.0	17.3
19	14.2	14.4	15.9	15.2	15.1	15.7	14.9	14.6	14.5	15.1	15.1	17.1
20	14.3	14.3	15.7	15.2	15.0	16.2	14.8	14.5	14.4	15.1	15.0	16.8
21	14.3	14.3	15.6	15.3	15.1	15.9	14.8	14.5	14.4	15.1	15.0	A
22	14.3	14.3	15.6	15.4	15.1	15.7	14.8	14.4	14.3	15.1	15.0	A
23	14.2	14.3	15.5	15.4	15.0	15.5	14.8	14.4	14.2	15.0	15.7	A
24	14.3	14.6	15.5	17.0	16.3	15.4	14.8	14.4	14.2	15.0	17.9	A
25	14.5	14.7	15.4	17.0	16.6	16.1	14.9	14.3	14.2	15.0	17.3	A
26	14.5	14.5	15.4	16.9	15.9	15.8	14.8	14.3	14.8	15.0	17.1	A
27	14.8	14.6	15.3	16.4	16.0	16.0	14.8	14.2	15.7	15.1	16.9	A
28	15.0	14.6	15.4	16.2	15.8	16.0	14.7	14.2	17.2	15.1	16.4	A
29	14.7		15.5	16.0	15.5	15.7	14.7	14.2	17.1	15.0	16.0	A
30	14.6		15.4	15.9	15.3	15.5	14.7	14.2	17.1	15.0	15.7	A
31	14.7		15.4		15.1		14.7	14.2		15.0		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	14.28	14.48	16.17	15.65	15.45	15.31	15.05	14.40	14.56	15.62	15.39
MAX.	15.0	14.7	19.8	17.0	16.6	16.2	16.1	14.6	17.2	17.8	17.9
MIN.	14.0	14.3	14.4	15.2	15.0	14.7	14.7	14.2	14.1	15.0	14.9

A- NO RECORD
HIGHEST STAGE WAS 19.76 AT 1000 A.M., MAR. 13.
LOWEST STAGE WAS 13.91 AT 400 P.M., JAN. 10.

DITCH NO. 63 AT RIVERVALE, ARK

LOCATION: LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT - RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE, MEASURED DISCHARGE AND DAILY FLOWS, MAR. 3, 1969 TO DATE.

EXTREMES: HIGHEST, 26.02 FEET FROM 1100 P.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 14.12 FEET ON DEC. 2, 1971. MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 100 CFS COMPUTED FOR NOV. 13 AND 23, 1969.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 194.86 FEET M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.9	17.2	17.6	22.3	A	A	A	A	14.8	14.3	15.5	14.6
2	18.0	17.0	17.4	21.0	A	A	A	A	14.7	14.3	15.1	14.5
3	18.5	16.8	17.3	20.1	A	A	A	A	14.8	14.3	15.0	14.5
4	18.0	16.7	17.2	19.4	A	A	A	A	14.7	14.2	14.9	14.4
5	17.6	16.6	17.1	18.6	A	A	A	A	14.7	14.2	14.8	14.4
6	17.3	16.5	17.0	17.9	A	A	A	A	14.7	14.2	14.7	14.4
7	17.1	16.8	17.6	17.5	A	A	A	A	14.7	14.3	14.7	14.4
8	16.9	16.6	17.6	17.3	A	A	A	15.5	14.7	14.3	14.7	14.4
9	16.7	16.7	17.3	17.1	A	A	A	15.5	14.6	14.2	14.6	14.4
10	16.6	16.6	17.6	17.0	A	A	A	15.4	14.6	14.2	14.6	14.3
11	16.6	16.5	20.1	16.9	A	A	A	15.4	14.6	14.2	14.6	14.4
12	16.6	16.4	20.8	16.8	A	A	A	15.4	14.6	14.2	14.6	14.4
13	16.5	16.3	19.4	16.7	A	A	A	15.3	14.6	14.2	14.5	14.4
14	16.5	16.3	18.6	16.7	A	A	A	15.3	14.5	14.2	14.5	14.4
15	16.4	16.2	17.8	16.6	A	A	A	15.2	14.5	14.2	14.5	14.5
16	16.3	16.2	17.5	16.6	A	A	A	15.2	14.5	14.2	14.5	14.5
17	16.3	16.2	17.2	16.5	A	A	A	15.2	14.5	14.2	14.5	14.4
18	16.2	16.1	17.1	16.4	A	A	A	15.2	14.5	14.2	14.5	14.4
19	16.2	17.4	17.0	16.3	A	A	A	15.1	14.4	14.2	14.5	14.4
20	16.1	22.5	17.0	16.3	A	A	A	15.1	14.4	14.2	14.5	14.4
21	16.1	21.9	17.7	16.3	A	A	A	15.1	14.4	14.2	14.4	14.4
22	16.1	20.8	17.5	16.2	A	A	A	15.0	14.4	14.2	14.4	14.4
23	16.1	21.5	17.2	16.2	A	A	A	15.0	14.4	14.2	14.4	14.3
24	16.0	21.0	17.0	16.1	A	A	A	14.9	14.3	14.2	14.5	14.3
25	16.0	20.2	16.9	16.3	A	A	A	14.9	14.3	15.1	14.5	14.4
26	17.2	19.5	16.8	16.2	A	A	A	14.9	14.3	17.6	14.5	14.3
27	19.0	18.7	16.8	16.2	A	A	A	14.9	14.3	17.4	14.6	14.2
28	18.6	18.2	16.7	16.1	A	A	A	14.8	14.3	16.2	14.5	14.2
29	18.2	17.8	20.4	16.0	A	A	A	14.8	14.3	16.0	14.5	14.2
30	17.9		23.7	A	A	A	A	14.8	14.3	15.7	14.6	14.2
31	17.5		23.5		A	A	A	14.9		15.7		14.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	16.99	17.82	18.07						14.50	14.67	14.61	14.36
MAX.	19.0	22.5	23.7						14.8	17.6	15.5	14.6
MIN.	16.0	16.1	16.7						14.3	14.2	14.4	14.1

A- NO RECORD
HIGHEST STAGE WAS 23.79 AT 400 P.M., MAR. 30.
LOWEST STAGE WAS 14.09 AT 500 P.M., DEC. 31.

DITCH NO. 63 AT RIVERVALE, ARK

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT - RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE, MEASURED DISCHARGE AND DAILY FLOWS, MAR. 3, 1969 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 P.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 14.12 FEET ON DEC. 2, 1971. MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 100 CFS COMPUTED FOR NOV. 13 AND 23, 1969.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	17.1	A	17.7	15.8	A	A	15.5	15.3	14.8	17.3
2	A	A	16.9	A	17.6	15.0	A	A	15.4	15.3	14.8	16.8
3	18.2	A	16.7	25.4	17.8	14.9	A	A	15.2	15.2	14.8	16.7
4	17.6	A	17.3	25.4	17.7	14.8	A	A	15.2	15.2	15.0	16.4
5	16.5	A	24.1	25.3	17.3	14.8	A	A	15.1	15.2	15.0	16.0
6	17.3	A	24.3	25.1	16.8	A	A	A	15.2	15.2	14.9	16.5
7	A	A	23.7	24.7	21.0	A	A	A	15.4	15.1	15.3	17.9
8	A	A	23.5	24.3	20.1	A	A	A	15.3	15.1	15.2	17.6
9	A	A	22.6	23.7	18.3	A	A	A	15.2	15.1	15.2	17.2
10	A	A	20.9	23.0	17.3	A	A	A	15.1	15.1	15.4	16.8
11	A	A	21.4	22.1	16.9	A	A	A	15.1	15.1	15.3	16.4
12	A	A	19.7	20.8	16.6	A	A	A	15.7	15.1	15.2	16.2
13	A	A	23.9	19.9	16.4	A	A	A	16.2	15.0	15.2	16.1
14	16.9	A	24.3	19.3	16.2	A	A	A	16.0	15.0	15.2	16.0
15	16.2	A	24.4	18.9	16.1	A	A	15.3	16.0	15.0	15.1	15.9
16	A	A	A	18.6	16.3	A	A	15.2	15.9	15.0	15.0	16.8
17	A	A	A	18.3	17.5	A	A	15.3	15.7	15.0	15.0	16.5
18	A	A	A	18.1	16.7	A	A	15.3	15.6	15.0	14.9	16.5
19	A	A	A	18.6	16.1	A	A	18.4	15.5	15.0	14.9	16.3
20	A	A	A	18.1	15.9	A	A	17.8	16.8	15.0	15.0	16.2
21	A	A	A	17.7	15.8	A	A	16.8	16.7	15.0	15.0	16.0
22	A	A	A	17.5	15.7	A	A	16.2	16.5	14.9	14.9	15.9
23	A	A	A	17.4	15.6	A	A	15.8	16.3	14.9	14.9	15.9
24	A	A	A	17.3	15.7	A	A	15.6	16.1	14.9	14.9	15.8
25	A	20.4	A	17.5	15.5	A	A	15.5	15.8	15.0	14.9	15.8
26	A	18.8	A	17.6	15.5	A	A	15.4	15.7	14.9	14.9	18.9
27	A	17.8	A	17.4	15.4	A	A	15.3	15.5	14.9	15.1	18.9
28	A	17.3	A	17.2	15.3	A	A	15.3	15.5	14.9	15.1	18.4
29	A		A	17.1	15.2	A	A	15.3	15.4	14.9	15.0	18.1
30	A		A	17.0	15.1	A	A	15.3	15.4	14.9	15.3	18.5
31	A		A		15.1		A	15.6		14.8		18.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN					16.64				15.66	15.02	15.03	16.84
MAX.					21.0				16.8	15.3	15.4	18.9
MIN.					15.1				15.1	14.8	14.8	15.8

A- NO RECORD
HIGHEST STAGE WAS 25.47 AT 800 P.M., APR. 2.
LOWEST STAGE WAS 14.69 AT 200 A.M., JUN. 6.

DITCH NO. 63 AT RIVERVALE, ARK

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWNSTREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT - RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE, MEASURED DISCHARGE AND DAILY FLOWS, MAR. 3, 1969 TO DATE.

EXTREMES. HIGHEST, 26.02 FEET FROM 1100 P.M. MAY 1 TO 200 A.M. MAY 2, 1973. LOWEST, 14.12 FEET ON DEC. 2, 1971. MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 100 CFS COMPUTED FOR NOV. 13 AND 23, 1969.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FER	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19.6	20.5	18.1	A	20.4	20.8	A	17.7	A	15.2	15.2	A
2	19.0	19.7	17.9	A	20.2	19.8	A	15.9	A	15.2	15.1	A
3	18.7	19.1	17.8	A	19.6	18.8	A		A	15.2	15.1	A
4	18.4	18.7	17.8	A	19.4	19.5	A		A	A	15.1	A
5	18.2	18.6	17.7	A	19.2	19.8	A		A	A	15.1	A
6	18.1	18.5	17.6	A	18.8	23.8	A		A	A	15.0	A
7	18.1	18.3	17.6	A	18.5	24.0	A		A	A	15.0	A
8	18.7	18.2	17.6	A	18.1	23.5	A		A	A	15.0	A
9	21.0	18.0	17.4	16.7	18.3	22.6	A		A	A	15.1	A
10	24.4	17.9	17.3	16.6	17.9	21.5	A		A	A	15.0	A
11	24.7	17.8	17.7	16.6	19.0	20.5	A		A	A	15.0	A
12	24.7	17.7	18.5	18.0	19.2	19.2	A		A	A	15.1	A
13	24.5	17.7	18.4	17.5	18.9	19.2	A		15.9	A	15.1	A
14	24.3	17.6	18.2	17.6	18.5	18.9	A		15.8	A	15.3	A
15	23.9	17.5	17.9	17.4	18.1	18.3	A		15.8	A	15.3	A
16	23.3	17.6	17.7	17.2	17.9	17.9	16.0		15.7	A	15.1	A
17	22.5	17.8	17.5	17.0	17.7	17.7	15.9		15.7	A	16.3	A
18	21.7	18.0	17.4	16.9	17.5	17.7	16.9		15.7	A	15.6	A
19	21.2	19.6	A	16.8	17.4	17.7	16.2		15.6	A	15.4	A
20	21.4	19.5	A	16.7	17.3	17.7	15.9		15.5	A	15.6	A
21	21.3	19.0	A	18.9	17.3	17.7	15.8		15.5	A	A	A
22	20.9	21.7	A	24.7	18.1	17.5	15.9		15.4	A	A	A
23	20.5	21.4	A	24.9	18.2	17.3	16.7		15.4	A	A	A
24	20.1	20.6	A	25.1	17.9	17.1	15.9		15.4	A	A	A
25	19.7	19.8	A	25.0	17.6	16.9	15.7		15.4	A	A	A
26	20.0	19.0	A	24.8	17.7	16.8	16.1		15.4	A	A	A
27	19.9	18.5	A	24.5	17.4	16.6	19.7		15.7	A	A	A
28	23.2	18.3	A	23.7	17.2	16.5	18.2		15.4	A	A	A
29	22.5		A	22.6	17.1	16.4	16.8		15.3	A	A	A
30	21.7		A	21.3	17.0	16.3	16.4		15.2	A	A	A
31	21.1		A		21.1		17.7			15.2		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	21.19	18.80	18.33	18.92
MAX.	24.7	21.7	21.1	24.0
MIN.	18.1	17.5	17.0	16.3

A- NO RECORD
HIGHEST STAGE WAS 25.07 AT 800 A.M., APR. 24.
LOWEST STAGE WAS 14.94 FROM 400 P.M. TO 1200 MIDNITE NOV. 8.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWN STREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE, MEASURED DISCHARGE AND DAILY FLOWS, 3 MARCH 1969 TO DATE.

EXTREMES. HIGHEST, 24.29 FEET ON DEC. 19, 1970. LOWEST, 14.12 FEET ON DEC. 2, 1971. MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 100 CFS COMPUTED FOR NOV. 13 AND 23, 1969.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18.3	20.3	17.5	23.1	25.9	17.8	16.8	15.7	15.1	15.2	14.9	23.6
2	18.1	20.4	17.5	22.9	26.0	18.3	16.8	15.8	15.0	15.1	14.9	22.6
3	18.1	19.9	17.6	21.9	26.0	0.0	16.7	15.8	15.0	15.1	14.8	21.5
4	18.8	19.5	17.6	21.7	25.9	0.0	16.7	15.7	15.0	15.0	14.8	21.9
5	18.6	19.1	17.5	21.1	25.9	0.0	16.7	15.6	15.0	15.3	15.2	21.2
6	18.6	20.4	17.4	20.4	25.1	0.0	16.6	15.5	17.3	15.1	15.0	20.5
7	18.4	20.4	18.1	19.9	25.0	0.0	16.5	15.5	19.6	15.1	14.9	19.9
8	18.2	23.3	18.1	19.7	24.8	18.3	16.8	15.4	19.3	15.3	14.9	19.4
9	18.0	23.5	18.0	19.8	24.6	18.1	16.6	15.4	18.2	15.1	14.9	19.0
10	17.8	22.5	17.9	19.9	24.4	18.0	16.5	15.3	17.1	15.0	14.8	18.7
11	17.7	21.6	23.6	19.5	24.0	17.9	18.3	15.4	16.4	15.0	14.8	18.5
12	17.6	21.0	24.2	19.1	23.6	19.1	17.6	15.5	16.1	15.0	14.8	18.2
13	17.6	20.7	24.0	18.7	23.0	18.7	16.9	15.6	15.9	15.0	14.8	18.1
14	17.5	20.9	23.6	18.3	22.1	18.5	16.6	16.7	15.8	15.4	14.8	17.9
15	17.5	20.6	23.4	18.2	20.9	18.8	16.4	16.7	15.7	15.2	14.9	17.8
16	17.8	20.2	23.3	18.2	19.9	18.6	16.3	16.3	15.6	15.1	14.8	17.6
17	17.7	19.6	23.1	18.2	19.4	18.3	16.3	16.0	15.5	15.0	14.8	17.5
18	17.7	19.1	22.3	21.4	18.7	18.0	16.2	15.7	15.4	15.0	14.8	17.5
19	17.8	18.8	21.4	24.6	18.4	17.8	16.2	15.6	15.4	14.9	14.9	17.6
20	17.7	18.5	20.7	24.9	18.8	17.6	16.1	15.5	15.4	14.9	15.0	17.8
21	19.9	18.3	20.2	25.0	18.6	17.5	16.1	15.5	15.4	14.9	16.2	17.7
22	22.7	18.1	19.7	25.4	18.3	17.4	16.1	15.4	15.3	14.9	15.8	17.7
23	22.0	18.0	19.2	25.5	19.8	17.3	16.1	15.4	15.3	14.9	15.5	17.7
24	21.0	17.9	18.8	25.6	21.7	17.3	16.0	15.3	15.2	14.9	21.6	21.1
25	20.4	17.8	19.6	25.7	22.1	17.2	16.0	15.3	15.2	14.9	23.3	22.8
26	20.0	17.7	20.0	25.6	22.2	17.1	16.1	15.2	15.1	14.8	23.6	23.3
27	19.9	17.6	19.5	25.4	21.2	17.1	15.9	15.2	15.1	14.8	24.4	23.0
28	20.4	17.5	19.1	25.2	19.8	17.0	15.8	15.1	15.1	14.8	24.4	22.2
29	21.1		18.8	25.0	18.8	16.9	15.8	15.1	15.8	14.9	24.2	21.5
30	20.7		18.6	25.7	18.3	16.9	15.7	15.1	15.4	14.8	24.0	20.9
31	20.3		21.7		17.9		15.7	15.1		14.9		20.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	19.0	19.8	20.1	22.2	22.0	14.9	16.4	15.6	15.9	15.0	17.0	19.8
MAX	22.7	23.5	24.2	25.7	26.0	19.1	18.3	16.7	19.6	15.4	24.4	23.3
MIN	17.5	17.5	17.4	18.2	17.9	0.0	15.7	15.1	15.0	14.8	14.8	17.5

HIGHEST STAGE WAS 26.02 FROM 1100 P.M. MAY 1 TO 200 A.M., MAY 2.
LOWEST STAGE WAS 14.80 AT 1200 MIDNIGHT NOV. 18.

DAILY STAGES FOR 1972

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWN STREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE, MEASURED DISCHARGE AND DAILY FLOWS, 3 MARCH 1969 TO DATE.

EXTREMES. HIGHEST, 24.29 FEET ON NOV. 9 AND 10, 1969. LOWEST, 14.12 FEET ON DEC. 2, 1971. MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 100CFS COMPUTED FOR NOV. 13 AND 23, 1969.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 194.86 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14.9	15.1	15.2	17.1	17.1	15.9	15.6	15.3	14.5	16.5	19.9	17.2
2	14.9	15.1	15.6	16.7	18.4	15.9	15.7	15.2	14.4	15.8	20.0	17.1
3	14.9	15.1	15.8	16.4	17.9	15.8	16.1	15.3	14.4	15.4	19.5	17.0
4	15.1	15.1	16.1	17.7	17.6	15.7	15.8	15.3	14.4	15.0	19.0	17.4
5	15.2	15.0	16.2	17.2	17.3	15.7	15.9	15.2	14.5	14.8	18.5	17.4
6	15.1	15.2	16.0	17.1	17.0	15.6	15.8	15.1	14.4	14.7	18.0	17.7
7	15.1	15.9	15.9	16.8	16.8	15.6	15.6	15.2	14.4	14.6	20.4	17.8
8	15.1	16.0	15.9	16.5	16.7	15.5	15.4	15.1	14.4	14.5	22.0	19.2
9	15.2	16.2	15.8	16.3	16.6	15.5	15.3	15.0	14.3	14.5	21.1	24.0
10	15.4	16.0	15.7	16.2	16.5	15.4	15.2	14.9	14.3	14.5	20.3	24.3
11	15.3	15.8	15.7	16.2	16.4	15.4	15.2	14.9	14.3	14.4	19.7	24.0
12	15.6	15.6	15.7	16.1	16.4	15.4	15.1	14.9	14.3	14.4	19.2	23.2
13	15.5	15.5	15.7	16.1	16.4	15.4	15.1	15.0	14.3	14.4	18.7	23.4
14	15.3	15.4	15.7	16.0	16.4	15.4	15.1	14.9	14.2	14.4	19.3	23.0
15	15.1	15.4	15.7	16.0	16.3	16.0	15.0	14.8	14.2	14.4	19.0	22.6
16	15.0	15.4	15.7	17.9	16.2	15.7	15.1	14.8	14.3	14.4	18.7	22.0
17	15.1	15.3	15.6	17.7	16.2	15.6	15.9	14.7	14.2	14.4	18.4	21.2
18	15.1	15.3	15.6	17.3	16.1	15.5	15.8	14.7	14.2	14.4	18.1	20.5
19	15.1	15.3	15.6	16.9	16.0	15.4	15.7	14.7	14.2	14.4	18.0	20.3
20	15.1	15.2	15.5	16.6	16.0	15.4	15.6	14.6	14.2	14.4	18.3	20.1
21	15.7	15.2	15.5	17.0	15.9	15.3	15.4	14.6	14.2	14.7	18.0	19.9
22	15.5	15.2	15.5	18.1	15.9	15.3	15.2	14.6	14.2	14.9	17.9	19.5
23	15.4	15.2	15.4	18.0	15.8	15.2	15.1	15.0	14.1	15.1	17.8	19.2
24	15.5	15.2	15.4	17.8	15.8	15.2	15.1	14.8	14.2	15.0	17.6	18.9
25	15.3	15.2	15.4	17.4	15.8	15.2	15.0	14.7	14.2	14.9	17.7	18.6
26	15.2	15.2	15.4	17.1	15.7	15.2	15.0	14.7	14.2	14.9	18.0	18.4
27	15.1	15.1	15.5	16.8	15.7	15.2	14.9	14.6	14.3	15.0	17.9	18.3
28	15.1	15.1	15.5	16.6	15.6	15.3	14.9	14.6	14.2	15.6	17.7	18.2
29	15.1	15.1	16.6	17.1	15.9	15.3	15.5	14.5	14.4	15.3	17.5	18.1
30	15.1		17.1	16.9	16.3	15.3	15.6	14.5	17.5	15.4	17.4	18.3
31	15.1		17.2		16.1		15.5	14.5		16.7		18.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	15.2	15.4	15.8	16.9	16.4	15.5	15.4	14.9	14.4	14.9	18.8	19.8
MAX	15.7	16.2	17.2	18.1	18.4	16.0	16.1	15.3	17.5	16.7	22.0	24.3
MIN	14.9	15.0	15.2	16.0	15.6	15.2	14.9	14.5	14.1	14.4	17.4	17.0

HIGHEST STAGE WAS 24.28 AT 700 A.M., DEC. 10.
LOWEST STAGE WAS 14.15 FROM 900 P.M. SEP. 22 TO 800 A.M. SEP. 23.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWN STREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT-RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE, MEASURED DISCHARGE AND DAILY FLOWS, 3 MARCH 1969 TO DATE.

EXTREMES. HIGHEST, 24.29 FEET ON NOV. 9 AND 10, 1969. LOWEST, 14.12 FEET ON DEC. 2, 1971.
MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 100 CFS COMPUTED FOR NOV. 13 AND 23, 1969.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19.0	17.1	19.9	17.1	16.1	15.8	15.6	15.3	15.2	14.5	14.3	14.1
2	18.7	17.0	19.5	17.1	16.1	15.7	15.6	15.2	15.1	14.5	14.3	14.1
3	18.5	17.1	19.2	17.0	16.0	15.8	15.6	15.2	15.1	14.5	14.2	14.2
4	19.6	17.1	19.4	17.0	16.0	15.9	15.5	17.1	15.0	14.5	14.2	14.1
5	20.0	17.7	19.2	16.9	16.0	15.8	15.5	20.0	15.0	14.5	14.2	14.1
6	19.4	17.7	19.1	16.8	16.0	15.8	15.6	18.7	15.0	14.5	14.2	14.2
7	18.9	17.8	19.1	16.8	16.1	15.9	15.9	17.9	14.9	14.4	14.3	14.2
8	18.6	17.8	18.9	16.7	16.1	16.1	16.4	17.1	14.9	14.4	14.3	14.2
9	18.4	17.6	18.8	16.7	16.0	17.3	16.3	16.9	14.9	14.4	14.2	16.1
10	18.2	17.4	18.7	16.6	16.0	17.0	16.0	17.9	14.9	14.4	14.2	16.1
11	18.1	17.4	18.6	16.6	16.0	16.5	15.7	17.4	14.9	14.4	14.2	15.8
12	18.0	17.8	18.5	16.5	16.0	16.2	15.6	16.9	14.9	14.4	14.2	15.7
13	18.0	21.3	18.4	16.5	17.0	16.1	15.4	16.5	14.8	14.4	14.2	15.5
14	18.1	21.1	18.3	16.4	17.1	16.0	15.3	16.2	14.8	14.4	14.2	15.3
15	18.1	20.7	18.3	16.4	17.1	16.2	15.3	16.0	14.8	14.4	14.2	15.2
16	18.1	20.3	18.1	16.4	16.9	16.5	15.2	15.9	14.7	14.4	14.2	15.1
17	18.1	19.9	18.0	16.3	16.7	16.3	15.2	15.7	14.7	14.4	14.2	15.0
18	18.1	19.4	17.9	16.3	16.4	16.0	15.2	15.6	14.7	14.4	14.3	15.1
19	17.9	19.1	17.8	16.3	16.2	16.9	15.3	15.6	14.7	14.4	14.3	15.1
20	17.8	19.4	17.7	16.2	16.1	17.0	15.2	15.5	14.7	14.4	14.2	15.0
21	17.8	19.2	17.6	16.3	3.7	16.6	15.2	15.4	14.7	14.3	14.2	14.9
22	17.7	23.4	17.6	16.3	15.9	16.5	15.1	15.4	14.6	14.3	14.2	14.9
23	17.7	23.5	17.5	16.5	15.9	16.2	15.1	15.4	14.6	14.3	14.2	14.8
24	17.6	22.8	17.4	16.6	16.0	16.1	15.2	15.4	14.6	14.3	14.2	14.8
25	17.6	22.0	17.4	16.5	16.0	16.0	15.2	15.3	14.6	14.3	14.2	14.8
26	17.5	21.4	17.4	16.4	16.0	15.9	15.1	15.2	14.7	14.3	14.2	14.8
27	17.3	21.0	17.4	16.4	16.0	15.8	15.0	15.3	14.7	14.3	14.2	14.8
28	17.3	20.4	17.4	16.3	16.0	15.8	15.0	15.3	14.6	14.3	14.2	14.8
29	17.2		17.4	16.2	15.9	15.7	15.0	15.3	14.6	14.3	14.2	14.8
30	17.2		17.3	16.2	15.8	15.7	15.3	15.3	14.6	14.3	14.2	15.3
31	17.2		17.2		15.8		15.4	15.2		14.3		15.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	18.1	19.5	18.2	16.6	15.8	16.2	15.4	16.2	14.8	14.4	14.2	14.9
MAX	20.0	23.5	19.4	16.6	17.1	17.3	16.4	20.0	14.9	14.5	14.3	16.1
MIN	17.2	17.0	17.2	16.2	3.7	15.7	15.0	15.2	14.6	14.3	14.2	14.1

HIGHEST STAGE WAS 23.68 AT 900 P.M., FEB. 22.
LOWEST STAGE WAS 14.12 AT 500 A.M., DEC. 2.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWN STREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT - RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE, MEASURED DISCHARGE AND DAILY FLOWS, 3 MARCH 1969 TO DATE.

EXTREAM. HIGHEST, 24.29 FEET ON DEC. 23, 1970. LOWEST, 14.36 FEET ON NOV. 9 AND 10, 1969. MAXIMUM, 2,930 CFS COMPUTED ON APR. 18, 1969. MINIMUM, 100 CFS COMPUTED FOR NOV. 13 AND DEC. 23, 1969.

DAILY EIGHT A.M. STAGE IN FEET — GAGE ZERO, 194.86 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.2	16.1	16.6	17.7	21.3	17.2	17.1	15.7	15.3	16.6	18.8	17.2
2	20.6	16.7	16.6	17.6	22.3	17.8	17.0	15.6	15.9	16.4	18.6	17.1
3	20.0	16.7	17.6	17.6	21.5	18.7	16.9	15.6	15.8	16.3	18.4	17.2
4	19.4	16.5	20.5	17.5	20.6	18.9	16.8	15.5	16.0	16.2	18.2	17.1
5	18.8	16.5	20.2	17.4	19.9	20.1	16.7	15.5	16.9	16.1	18.0	17.0
6	18.2	16.5	19.7	17.3	19.3	19.6	16.7	15.6	17.0	16.0	17.8	17.1
7	17.6	16.6	19.2	17.3	18.9	18.8	16.6	16.0	16.8	16.0	17.7	17.0
8	17.2	16.7	18.7	17.2	18.6	18.3	16.6	16.0	16.5	16.0	17.6	16.9
9	16.9	16.8	18.4	17.1	18.4	17.8	16.7	16.5	16.1	16.4	17.7	16.8
10	16.8	16.9	18.1	17.1	18.3	17.6	16.7	17.3	15.9	16.9	17.7	16.8
11	16.8	16.9	17.8	17.0	18.3	17.4	16.8	17.4	15.7	16.9	17.8	16.8
12	16.8	16.8	17.6	17.0	18.1	17.3	16.9	17.3	15.6	17.3	17.8	17.1
13	16.8	16.6	17.5	17.0	18.0	17.2	16.6	17.1	15.6	17.9	17.9	17.1
14	16.8	16.6	17.4	16.9	17.8	17.8	16.4	16.7	15.5	20.5	18.0	17.2
15	16.9	18.3	17.3	16.8	17.7	18.4	16.3	16.2	15.5	20.4	18.4	17.2
16	17.0	19.2	17.1	16.7	17.7	20.9	16.3	15.9	15.5	19.8	18.4	18.1
17	17.1	19.0	17.1	16.7	17.6	21.0	16.2	15.7	15.4	19.3	18.5	19.3
18	17.1	18.7	19.2	16.7	17.5	20.7	16.1	15.6	15.3	18.9	18.4	19.1
19	17.1	18.4	19.2	16.7	17.4	20.1	16.1	15.5	19.0	18.4	18.2	18.8
20	16.9	18.0	20.6	18.6	17.3	19.6	16.0	15.5	22.0	18.4	18.1	18.5
21	16.7	17.6	20.2	19.0	17.2	19.5	16.0	15.5	21.5	18.5	18.0	19.5
22	16.6	17.3	19.6	18.7	17.1	19.3	16.0	15.6	20.9	18.5	18.0	23.3
23	16.6	17.1	19.1	18.4	17.1	18.9	16.0	15.6	20.5	18.4	17.9	24.3
24	16.5	17.0	18.7	18.2	17.1	18.5	15.9	15.5	20.1	18.3	17.8	23.9
25	16.4	16.9	18.4	18.5	17.1	18.3	15.9	15.5	19.6	18.0	17.7	23.1
26	16.4	16.8	18.6	23.1	17.0	18.2	15.9	15.4	19.0	17.8	17.6	22.2
27	16.3	16.7	18.4	22.8	16.9	17.9	15.8	15.3	18.3	17.9	17.5	21.5
28	16.3	16.7	18.1	21.9	16.8	17.6	15.8	15.3	17.7	18.9	17.5	20.9
29	16.3		18.0	21.3	16.7	17.4	15.8	15.3	17.2	19.6	17.3	20.2
30	16.2		17.9	20.6	17.2	17.2	15.8	15.2	16.9	19.5	17.3	19.7
31	16.2		17.8		17.1		15.7	15.3		19.2		19.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	17.30	17.16	18.42	18.21	18.18	18.59	16.32	15.85	17.29	17.91	17.95	18.94
MAX.	21.2	19.2	20.8	23.1	22.3	21.0	17.1	17.4	22.0	20.5	18.8	24.3
MIN.	16.2	16.1	16.6	16.7	16.7	17.2	15.7	15.2	15.3	16.0	17.3	16.8

HIGHEST STAGE WAS 24.29 AT 1000 A.M., DEC. 23.
LOWEST STAGE WAS 15.22 FROM 800 A.M. TO 1000 A.M., AUG. 30.

DITCH NO. 63 AT RIVERVALE, ARK.

LOCATION. LAT. 35-40-16, LONG. 90-20-16, DOWN STREAM END OF INVERTED SIPHON ON DITCH NO. 63 AT RIVERVALE, ARK.

GAGE. AUTOMATIC RECORDER ON HEADWALL.

GENERAL INFORMATION. ST. FRANCIS BASIN PROJECT - RIVERVALE SEEPAGE STUDY.

RECORDS AVAILABLE. STAGE, MEASURED DISCHARGE AND DAILY FLOWS, 3 MARCH 1969 TO DATE.

EXTREMES. HIGHEST, 23.53 FEET ON 19 APRIL 1969. LOWEST, 14.36 FEET ON 9 AND 10 NOVEMBER 1969. MAXIMUM AND MINIMUM DISCHARGE NOT DETERMINED FOR 1969.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 194.86 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	17.7	18.4	16.4	16.3	15.3	15.0	14.5	14.4	14.9
2	A	A	A	17.6	18.2	16.4	16.2	15.1	15.0	14.5	14.4	14.9
3	A	A	A	17.6	18.1	16.4	16.1	15.3	15.0	14.5	14.4	14.8
4	A	A	A	17.6	18.0	16.3	16.1	15.2	15.0	14.5	14.4	14.8
5	A	A	18.0	A	17.9	16.3	16.0	A	15.0	14.4	14.4	14.8
6	A	A	18.0	A	17.8	16.2	16.0	A	14.9	14.4	14.4	14.7
7	A	A	17.9	A	17.7	16.2	15.9	A	14.9	14.5	14.4	15.3
8	A	A	17.8	A	17.7	16.1	15.9	A	14.9	14.4	14.4	15.3
9	A	A	17.8	A	17.6	16.1	15.8	A	14.8	14.4	14.4	15.2
10	A	A	17.7	A	17.5	16.1	15.8	A	14.8	14.4	14.4	15.2
11	A	A	17.6	A	17.4	16.1	15.7	A	14.8	14.6	14.5	15.2
12	A	A	17.5	A	17.4	16.0	15.7	A	14.8	14.6	14.4	15.1
13	A	A	17.4	A	17.3	16.0	15.6	A	14.8	14.5	14.4	15.0
14	A	A	17.4	A	17.2	16.0	15.5	A	14.7	14.5	14.5	15.0
15	A	A	17.3	A	17.2	16.0	15.5	A	14.7	14.5	14.6	14.9
16	A	A	17.2	A	17.1	15.9	15.4	A	14.7	14.5	15.2	14.8
17	A	A	17.2	A	17.0	15.9	15.4	A	14.7	14.5	15.6	14.8
18	A	A	17.1	23.4	17.1	15.9	15.3	A	14.6	14.4	15.6	14.8
19	A	A	17.1	23.5	17.2	15.8	15.3	A	14.6	14.4	15.6	14.8
20	A	A	17.0	22.8	17.3	15.8	15.4	A	14.6	14.4	15.4	14.8
21	A	A	17.0	21.7	17.2	15.8	15.3	A	14.6	14.4	15.7	14.8
22	A	A	16.9	20.8	17.0	15.9	15.3	A	14.6	14.4	15.7	15.0
23	A	A	16.9	20.0	17.0	15.9	15.5	A	14.6	14.4	15.6	14.9
24	A	A	19.7	19.5	16.8	16.3	15.6	A	14.6	14.4	15.4	14.8
25	A	A	20.0	19.1	16.8	17.7	15.7	A	14.6	14.4	15.1	14.9
26	A	A	19.4	18.8	16.7	17.9	15.7	A	14.6	14.4	15.1	14.9
27	A	A	18.9	18.6	16.6	17.6	15.7	A	14.5	14.4	15.0	15.0
28	A	A	18.6	18.9	16.6	17.1	15.7	A	14.5	14.4	15.0	15.0
29	A		18.3	18.8	16.6	16.7	15.5	15.1	14.5	14.4	14.9	19.6
30	A		18.0	18.6	16.5	16.5	15.4	15.1	14.5	14.4	14.9	22.8
31	A		17.8		16.5		15.0	15.0		14.4		22.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN					17.26	16.30	15.65		14.72	14.44	14.86	15.58
MAX.					18.4	17.9	16.3		15.0	14.6	15.7	22.8
MIN.					16.5	15.8	15.0		14.5	14.4	14.4	14.7

A- NO RECORD
HIGHEST STAGE WAS 23.53 AT 200 A.M., APR. 19.
LOWEST STAGE WAS 14.36 FROM 1000 A.M., NOV. 9 TO 400 A.M., NOV. 10.