

## DAILY STAGES FOR 1994

## STATE LINE OUTLET DITCH NEAR PETTYVILLE, ARK.

LOCATION. LAT. 35-50-50, LONG. 90-07-24. STATE HIGHWAY 18 BRIDGE APPROXIMATELY 0.25 MILES WEST OF PETTYVILLE, ARK.

GAGE. TELEMETRY VIA SATELLITE FROM AUTOMATIC RECORDER ON BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, APPROXIMATELY 330 SQUARE MILES. BEGAN RECORDING DATA ON MARCH 28, 1991.

RECORDS AVAILABLE. STAGE, MARCH 28, 1991, TO DATE. MEASURED DISCHARGE, AUGUST 30, 1977 TO DECEMBER 22, 1978.

EXTREMES. HIGHEST AND LOWEST STAGES NOT DETERMINED AT THIS DATE.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 223.19 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-0.4	11.9	5.1	3.8	10.9	-0.6	0.9	-2.3	-3.4	-3.6	-3.7	2.6
2	-0.3	11.1	4.4	2.5	10.8	-1.3	-0.6	-2.4	-3.2	-3.3	-3.5	0.5
3	-0.3	10.1	3.1	2.2	10.8	-1.4	0.2	-2.4	-2.5	-3.7	-3.7	-0.1
4	-0.5	8.0	2.6	1.9	10.2	-1.3	0.2	-3.1	-2.5	-2.5	-3.3	-1.3
5	-0.7	6.2	2.4	1.4	8.9	0.3	0.3	-2.0	-2.4	-3.3	-3.6	-1.2
6	-0.9	4.7	2.0	.9	6.8	1.4	0.3	-2.9	-3.0	-3.0	-2.8	-1.7
7	-0.7	3.3	1.6	1.8	5.5	5.6	0.3	-2.9	-3.1	-3.8	-1.9	-1.7
8	-0.8	2.5	1.3	3.3	4.6	6.7	-0.4	-2.8	-3.1	-3.8	4.2	-1.9
9	-0.9	4.0	3.3	2.8	3.7	4.3	-1.0	-2.7	-3.1	-3.8	4.9	-1.6
10	-0.9	6.6	5.7	2.0	3.2	2.2	-1.2	-2.8	-3.2	-3.8	5.1	4.9
11	-0.3	4.3	5.9	2.7	2.6	0.8	-1.0	-3.2	-3.2	-3.8	4.8	10.5
12	0.9	3.6	6.2	5.7	1.9	-0.6	-2.3	-2.5	-3.2	-3.8	3.9	9.8
13	1.7	5.2	6.8	9.3	1.4	-0.8	-2.3	-3.3	-3.8	-3.6	2.8	8.9
14	1.3	5.0	7.2	9.2	1.3	-0.3	-0.6	-2.7	-4.0	-3.8	1.5	7.8
15	0.2	4.0	6.7	8.7	0.8	-0.9	-0.2	-3.3	-3.2	-3.7	0.2	5.1
16	-0.7	2.8	5.9	7.9	0.7	-1.4	0.2	-3.4	-3.9	-3.0	-0.2	2.5
17	-0.7	2.3	4.8	7.7	0.1	-1.5	-0.6	-3.4	-2.7	-3.8	-0.9	2.7
18	-0.3	1.4	3.7	7.2	-0.4	-1.0	-0.2	-3.4	-3.6	-2.9	-1.1	2.0
19	-0.3	1.1	2.9	5.7	-0.6	-1.4	-1.0	-2.8	-3.8	-3.8	-1.3	1.0
20	-0.3	0.9	1.9	4.7	-0.8	-1.8	-1.4	-3.3	-3.5	-2.9	-1.4	2.9
21	-0.3	1.8	1.5	3.3	-0.9	-1.8	-1.5	-3.2	-3.8	-3.0	-1.3	1.0
22	-0.3	4.6	1.2	2.6	-0.4	-1.7	-2.2	-3.3	-2.9	-2.5	-1.1	2.5
23	-0.5	10.4	0.4	1.9	-0.7	-1.3	-1.1	-3.3	-3.7	-2.0	-1.2	7.3
24	2.0	10.5	0.3	1.0	-0.8	-1.2	-.9	-3.3	-3.7	-1.3	-1.9	5.2
25	5.5	10.1	0.3	0.7	-0.7	-0.7	-1.4	-3.3	-3.3	-1.4	-2.0	6.9
26	8.1	9.6	0.3	0.3	-1.3	0.6	-2.1	-3.3	-3.4	-2.2	-2.0	4.3
27	9.8	8.1	4.1	0.1	-0.8	6.8	-2.0	-3.3	-3.5	-3.1	-1.8	1.5
28	11.4	6.4	10.3	1.8	-0.9	6.6	-0.9	-3.3	-3.5	-2.3	-0.2	2.4
29	11.5	----	9.5	9.9	-0.9	5.0	-0.9	-3.3	-3.5	-3.5	1.3	1.5
30	11.7	----	8.2	10.1	-1.1	2.7	-2.1	-3.4	-3.6	-2.7	3.1	1.1
31	12.1	----	6.6	----	-1.3	----	-2.1	-3.4	----	-3.6	----	0.8
MEAN	2.1	5.7	4.1	4.1	2.3	0.7	-0.9	-3.0	-3.3	-3.1	-0.2	2.8
MAX	12.1	11.9	10.3	10.1	10.9	6.8	0.9	-2.0	-2.4	-1.3	5.1	10.5
MIN	-0.9	0.9	0.3	0.1	-1.3	-1.8	-2.3	-3.4	-4.0	-3.8	-3.7	-1.9

THE MEAN STAGE FOR THE YEAR 0.9  
 HIGHEST STAGE WAS 12.10 31 JAN 1994  
 LOWEST STAGE WAS -4.04 14 SEP 1994

## DAILY STAGES FOR 1993

## STATE LINE OUTLET DITCH NEAR PETTYVILLE, ARK.

LOCATION. LAT. 35-50-50, LONG. 90-07-24. STATE HIGHWAY 18 BRIDGE APPROXIMATELY 0.25 MILES WEST OF PETTYVILLE, ARK.

GAGE. TELEMETRY VIA SATELLITE FROM AUTOMATIC RECORDER ON BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, APPROXIMATELY 330 SQUARE MILES. BEGAN RECORDING DATA ON MARCH 28, 1991.

RECORDS AVAILABLE. STAGE, MARCH 28, 1991, TO DATE. MEASURED DISCHARGE, AUGUST 30, 1977 TO DECEMBER 22, 1978.

EXTREMES. HIGHEST AND LOWEST STAGES NOT DETERMINED AT THIS DATE.

DAY	GAGE ZERO, 223.19 FEET, N.G.V.D. OF 1929											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.7	1.1	2.0	0.5	-0.1	-1.1	5.2	-2.3	-3.5	-0.8	-2.9	3.2
2	1.9	0.5	1.4	0.3	0.2	-0.8	3.4	-2.3	-3.1	-0.9	-2.6	2.6
3	1.1	0.0	4.1	0.2	2.7	-0.7	1.5	-1.8	-2.7	-1.1	-2.8	2.4
4	0.6	0.1	5.8	0.1	4.5	-0.8	0.3	-1.6	-2.7	-0.5	-2.8	10.2
5	4.5	-0.2	6.3	0.1	5.7	-0.5	-0.4	-2.3	-3.5	-1.5	-2.4	11.3
6	7.6	-0.4	6.1	-0.6	5.7	1.3	-1.0	-2.4	-2.3	-2.0	-2.7	11.5
7	8.5	-0.8	5.1	-0.4	5.9	1.3	-1.0	-2.0	-2.3	-2.2	-2.7	11.0
8	9.1	-0.5	4.0	-0.4	5.2	0.3	-1.2	-1.7	-3.6	-2.3	-2.8	9.8
9	8.7	-1.0	3.0	3.5	4.1	-0.9	-1.2	-2.4	-3.8	-2.0	-2.8	7.8
10	7.3	-0.7	1.8	8.7	3.2	-0.7	-2.0	-2.3	-2.9	-2.4	-2.8	5.8
11	6.4	-0.8	1.2	8.1	2.5	-0.4	-2.0	-3.1	-3.4	-2.5	-2.8	4.3
12	5.5	-0.6	0.3	7.4	1.8	1.4	-2.1	-3.0	-3.8	-2.6	-2.8	2.7
13	4.9	0.1	0.2	6.2	1.4	1.1	-1.8	-2.5	-3.8	-2.6	-2.7	1.8
14	4.4	0.1	-0.2	4.3	0.7	0.1	-1.2	-2.1	-3.7	-2.6	-2.3	3.3
15	3.4	-0.3	-0.5	4.5	0.3	-0.6	-1.3	-1.9	-1.9	-2.6	1.6	2.9
16	2.4	0.3	-0.6	7.2	0.2	-0.5	-0.7	-1.9	-3.0	-3.1	6.1	2.9
17	2.0	2.4	1.0	7.3	0.1	-1.7	-0.7	-2.4	-2.1	-2.7	10.8	2.6
18	1.7	2.7	0.8	6.7	-0.6	-1.2	-1.3	-2.6	-2.8	-2.2	11.7	2.2
19	1.1	1.7	1.1	5.5	-0.6	-1.8	-1.6	-2.9	-2.3	-3.0	11.8	1.4
20	0.5	0.5	0.8	4.4	-0.6	-1.0	-1.6	-3.2	-3.1	-2.7	11.7	1.2
21	1.3	0.1	0.2	4.2	-0.7	-1.4	-2.3	-2.1	-1.9	-1.1	11.7	-0.1
22	4.1	0.3	0.3	3.2	-0.7	-1.0	-1.2	-3.4	-2.9	2.1	11.4	-0.2
23	5.1	1.8	3.3	2.4	-1.1	-1.5	-0.9	-2.3	-3.3	2.6	10.1	-0.1
24	6.0	3.5	5.0	1.6	-1.0	-2.0	-1.2	-3.6	-3.0	1.4	6.5	-0.1
25	8.2	3.4	4.2	1.0	-0.6	-1.8	-1.3	-2.5	-2.6	-0.3	5.1	-0.2
26	7.9	4.2	5.1	1.1	-1.3	1.8	-1.6	-3.7	-0.1	-1.8	6.0	-0.3
27	6.7	3.5	4.3	1.1	-0.7	3.5	-2.0	-3.7	1.0	-2.2	7.7	-0.2
28	5.0	2.5	3.2	0.4	-1.2	3.5	-2.4	-3.3	2.2	-2.8	7.0	0.1
29	3.9		2.4	0.1	-1.4	3.5	-2.4	-3.7	1.7	-2.3	6.0	0.0
30	2.5		1.5	0.3	-0.9	5.8	-2.4	-3.7	0.4	-3.0	4.8	-0.1
31	1.5		0.7		-0.5		-2.2	-3.0		-2.8		-0.2

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

MEAN	4.36	0.85	2.39	2.96	1.03	0.11	-0.98	-2.63	-2.29	-1.69	3.08	3.21
MAX.	9.1	4.2	6.3	8.7	5.9	5.8	5.2	-1.6	2.2	2.6	11.8	11.5
MIN.	0.5	-1.0	-0.6	-0.6	-1.4	-2.0	-2.4	-3.7	-3.8	-3.1	-2.9	-0.3

HIGHEST STAGE WAS 11.82 ON NOV. 19.  
LOWEST STAGE WAS -3.82 ON SEP. 12 AND 13.

STATE LINE OUTLET DITCH NEAR PETTYVILLE, ARK.

LOCATION. LAT. 35-50-50, LONG. 90-07-24. STATE HIGHWAY 18 BRIDGE APPROXIMATELY 0.25 MILES WEST OF PETTYVILLE, ARK.

GAGE. TELEMETRY VIA SATELLITE FROM AUTOMATIC RECORDER ON BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, APPROXIMATELY 330 SQUARE MILES. BEGAN RECORDING DATA ON MARCH 28, 1991.

RECORDS AVAILABLE. STAGE, MARCH 28, 1991, TO DATE. MEASURED DISCHARGE, AUGUST 30, 1977 TO DECEMBER 22, 1978.

EXTREMES. HIGHEST AND LOWEST STAGES NOT DETERMINED AT THIS DATE.

DAILY EIGHT A. M. STAGE IN FEET												GAGE ZERO, 223.19 FEET, N. G. V. D. OF 1929
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-0.6	-1.3	0.3	-0.6	-1.0	-1.7	-1.4	-1.4	-1.4	-2.9	-2.7	-1.0
2	-0.7	-1.2	-0.4	-0.6	-1.2	-1.9	-1.5	-1.8	-1.8	-3.3	-2.9	-1.2
3	0.4	-1.3	-0.9	-0.6	-0.8	-1.3	-0.7	-1.8	-2.8	-2.8	-2.3	-1.9
4	0.2	-1.3	-0.7	-0.7	-1.1	0.3	-2.0	-1.4	-3.3	-3.2	-2.1	-1.3
5	-0.1	-1.1	-0.8	-1.2	-1.3	1.3	-1.9	-2.0	-2.6	-2.6	-2.7	-2.0
6	0.1	-1.3	-0.8	-1.4	-1.3	-0.2	0.3	-1.8	-3.2	-3.2	-2.1	-1.5
7	2.0	-1.4	-0.5	-1.5	-2.0	4.2	1.1	-2.1	-2.9	-2.5	-2.8	-2.2
8	1.1	-1.4	-0.9	-1.7	-2.3	4.4	-1.1	-2.0	-2.9	-3.5	-2.4	-2.5
9	5.1	-1.4	-1.0	-1.1	-2.0	3.3	-2.0	-1.8	-1.4	-3.6	-2.9	-2.1
10	5.1	-1.4	5.2	-1.4	-2.2	1.7	-2.1	-2.2	-1.7	-3.4	-2.5	A
11	4.2	-1.5	6.7	-0.9	-2.0	2.5	-2.8	-1.4	-2.5	-3.3	-2.8	A
12	2.9	-1.4	4.4	-0.9	-2.1	4.5	-2.5	0.1	-2.0	-3.5	-2.6	A
13	1.9	-1.4	2.6	-1.2	-1.6	3.2	-3.0	-1.0	-2.9	-3.4	-1.5	A
14	3.0	-1.3	1.1	-1.6	-1.9	1.3	-2.7	-1.9	-3.1	-3.0	2.6	A
15	4.7	1.7	0.7	-1.7	-2.0	-0.1	-2.5	-2.5	-3.2	-3.5	4.3	A
16	4.4	5.0	0.1	-1.8	-2.0	-1.4	-2.5	-2.9	-3.2	-2.7	3.6	A
17	3.1	5.5	-0.8	-1.4	-2.1	-1.9	-1.8	-3.0	-3.1	-1.7	2.4	A
18	2.0	4.8	-0.4	-0.5	-2.0	-0.4	-1.9	-3.4	-2.8	2.9	1.3	A
19	1.4	4.0	7.8	0.7	-1.4	-0.3	-0.5	-3.3	-2.9	4.1	-0.1	A
20	0.6	3.5	8.7	1.2	-1.7	-1.4	0.8	-3.4	-2.9	4.1	-2.0	A
21	0.2	1.9	7.1	3.5	-1.6	-1.3	0.1	-2.4	-3.0	4.1	-0.1	A
22	0.1	1.2	4.9	5.5	-0.9	-1.8	-0.7	-3.2	-2.8	3.5	0.8	A
23	0.1	0.4	3.6	4.9	-0.8	-2.3	-0.8	-3.3	-1.9	2.4	2.7	A
24	0.0	1.8	2.0	3.9	0.6	-1.9	-1.0	-3.3	-2.5	1.1	3.9	0.2
25	-0.4	2.4	1.1	2.4	0.0	-1.7	-1.7	-2.5	-0.7	-0.1	3.4	-1.6
26	-0.3	2.6	0.7	1.0	-1.1	-0.5	-2.0	-2.0	-1.3	-0.4	3.0	-1.5
27	-0.2	2.1	0.2	0.5	-0.9	2.3	-1.6	-2.9	-2.3	-1.9	2.1	-1.3
28	-0.6	1.1	-0.2	-0.6	-1.8	0.3	0.4	-1.6	-2.4	-2.2	-0.2	-1.4
29	-0.3	0.5	-0.4	-0.6	-2.2	-0.7	0.7	-0.9	-2.9	-2.5	-0.4	-1.7
30	-1.3		-0.1	-0.9	-0.4	-2.0	0.5	0.2	-3.3	-3.0	-0.6	-1.0
31	-0.6		-0.5		-1.1		-0.4	-0.8		-2.7		-0.7

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

MEAN	1.21	0.68	1.57	0.03	-1.43	0.21	-1.19	-2.05	-2.51	-1.37	-0.20
MAX.	5.1	5.5	8.7	5.5	0.6	4.5	1.1	0.2	-0.7	4.1	4.3
MIN.	-1.3	-1.5	-1.0	-1.8	-2.3	-2.3	-3.0	-3.4	-3.3	-3.6	-2.9

A- NO RECORD.

HIGHEST STAGE WAS 9.17 ON MAR. 19.

LOWEST STAGE RECORDED WAS -3.60 ON OCT. 8.

STATE LINE OUTLET DITCH NEAR PETTYVILLE, ARK.

LOCATION. LAT. 35-50-50, LONG. 90-07-24. STATE HIGHWAY 18 BRIDGE APPROXIMATELY 0.25 MILES WEST OF PETTYVILLE, ARK.

GAGE. TELEMETRY VIA SATELLITE FROM AUTOMATIC RECORDER ON BRIDGE.

GENERAL INFORMATION. DRAINAGE AREA, APPROXIMATELY 330 SQUARE MILES. BEGAN RECORDING DATA ON MARCH 28, 1991.

RECORDS AVAILABLE. STAGE, MARCH 28, 1991, TO DATE. MEASURED DISCHARGE, AUGUST 30, 1977 TO DECEMBER 22, 1978.

EXTREMES. HIGHEST AND LOWEST STAGES NOT DETERMINED AT THIS DATE.

DAILY EIGHT A. M. STAGE IN FEET													GAGE ZERO, 223.19 FEET, N. G. V. D. OF 1929
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	A	A	A	2.4	9.6	2.2	-0.5	-2.9	-3.2	-3.4	5.5	1.5	
2	A	A	A	1.8	8.4	0.2	-1.3	-2.6	-2.5	-3.1	6.0	3.5	
3	A	A	A	1.4	7.1	0.8	-1.4	-3.0	-3.2	-3.0	4.7	8.1	
4	A	A	A	1.2	5.1	1.8	-0.4	-3.3	-3.2	-3.0	2.9	8.5	
5	A	A	A	1.1	3.9	1.7	-0.8	-3.3	-2.2	-3.4	-0.6	8.3	
6	A	A	A	0.9	3.1	0.8	-1.3	-1.1	-1.0	-3.5	-0.6	8.1	
7	A	A	A	0.6	1.8	0.9	-1.5	-3.1	-1.1	-3.5	-1.3	7.2	
8	A	A	A	0.4	1.3	-0.2	-1.5	-3.5	-1.3	-3.6	-1.2	5.8	
9	A	A	A	0.3	1.0	-0.1	-1.7	-2.8	-1.3	-3.3	-1.6	4.8	
10	A	A	A	-0.2	0.7	-0.5	-1.7	-2.7	-2.8	-3.5	-2.2	4.2	
11	A	A	A	-0.8	0.3	-1.1	-1.6	-2.8	-2.1	-3.3	-2.4	2.1	
12	A	A	A	-0.7	3.7	-0.4	-1.7	-3.0	-3.2	-3.6	-2.4	1.3	
13	A	A	A	0.6	7.5	3.3	1.2	-3.0	-2.8	-3.6	-2.5	5.6	
14	A	A	A	8.0	9.9	5.2	0.5	-2.6	-3.3	-3.4	-2.6	9.1	
15	A	A	A	10.7	8.8	5.2	-0.8	-3.2	-3.3	-3.5	-3.0	6.6	
16	A	A	A	10.9	8.2	4.8	-1.3	-3.4	-2.3	-3.5	-2.8	5.6	
17	A	A	A	11.0	7.8	3.3	-2.2	-3.3	-3.3	-3.5	-2.7	5.2	
18	A	A	A	10.7	8.0	0.3	-2.2	-2.4	-3.4	-3.5	-2.6	3.8	
19	A	A	A	11.7	7.9	-0.1	-2.6	-3.0	-3.2	-3.5	-2.3	1.6	
20	A	A	A	10.9	7.4	0.1	-2.5	-3.3	-3.3	-3.4	2.9	0.9	
21	A	A	A	9.3	5.5	-0.1	-1.7	-2.5	-3.3	-3.5	9.5	0.8	
22	A	A	A	7.5	4.1	0.2	-1.8	-3.3	-3.2	-3.5	9.2	0.9	
23	A	A	A	5.4	2.8	1.0	-2.7	-3.4	-3.4	-3.5	9.1	3.6	
24	A	A	A	4.4	2.3	3.3	-2.4	-2.7	-3.3	-3.3	9.1	4.4	
25	A	A	A	3.5	2.5	4.3	-1.9	-3.4	-3.1	-3.5	8.5	4.2	
26	A	A	A	2.7	6.1	3.0	-2.1	-3.4	-3.3	-2.8	6.5	3.2	
27	A	A	A	2.3	6.7	1.7	-2.3	-2.9	-3.3	-3.0	4.4	2.0	
28	A	A	5.8	2.6	6.2	1.6	-2.4	-3.2	-3.3	-1.6	2.2	1.2	
29	A		4.2	7.3	4.8	-0.7	-2.4	-2.2	-3.0	-1.8	0.7	-0.6	
30	A		3.5	10.5	4.0	-0.5	-2.2	-3.0	-3.4	1.3	1.1	-1.1	
31	A		3.0		3.3		-2.7	-3.2		3.6		-0.5	

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

MEAN	4.62	5.15	1.40	-1.61	-2.96	-2.82	-2.89	1.72	3.86
MAX.	11.7	9.9	5.2	1.2	-1.1	-1.0	3.6	9.5	9.1
MIN.	-0.8	0.3	-1.1	-2.7	-3.5	-3.4	-3.6	-3.0	-1.1

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