

## DAILY STAGES FOR 1998

## WHITE RIVER AT ST. CHARLES, ARK.

LOCATION. LAT. 34-22-35, LONG. 91-07-30. MILE 57.0, AT BUNGE GRAIN ELEVATOR AT ST. CHARLES, ARK.

GAGE. TELEMETRY VIA SATELLITE.

GENERAL INFORMATION. DRAINAGE AREA, 25,732 SQUARE MILES. GAGE WAS ESTABLISHED 1/4 MILE UPSTREAM FROM PRESENT SITE AS BACKWATER GAGE 54 ON FEB. 22, 1932, AND EXTENDED TO LOW WATER ON JUNE 3, 1932. PRIOR TO DEC. 22, 1936, ZERO ELEVATION WAS AT MEAN GULF LEVEL. GAGE WAS MOVED TO PRESENT SITE ON FEB. 9, 1944.

RECORDS AVAILABLE. STAGE, FEB. 22 TO 29 AND JUNE 3, 1932, TO DATE.

EXTREMES. HIGHEST, 44.6 FEET, FROM WATERMARK, IN APR. 1927. A STAGE OF 40.1 FEET WAS OBSERVED ON FEB. 13 AND 14, 1937. LOWEST, 5.0 FEET ON OCT. 29 AND 30, 1954.

DAY	DAILY EIGHT A.M. STAGE IN FEET											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	GAGE ZERO, 129.95 FEET, N.G.V.D. OF 1929											
1	11.5	16.5	24.4	25.8	24.5	21.0	19.0	12.4	15.6	9.9	10.3	7.4
2	11.7	16.3	24.5	25.8	24.5	20.6	19.1	13.0	15.0	10.3	10.1	7.4
3	11.9	15.9	24.5	25.8	24.6	20.1	19.1	14.2	14.6	10.5	10.0	7.6
4	11.9	15.5	24.6	25.8	24.6	19.7	19.1	15.3	14.4	10.5	9.9	7.7
5	11.6	15.1	24.6	25.7	24.6	19.4	19.0	15.9	14.1	10.4	9.6	7.7
6	11.3	14.8	24.7	25.7	24.7	19.2	18.6	16.3	13.7	10.0	9.5	7.8
7	11.7	14.8	24.6	25.6	24.8	19.1	18.0	16.5	13.3	9.6	9.4	7.7
8	13.0	15.1	24.7	25.6	24.8	19.0	17.3	16.6	13.0	9.1	9.4	7.6
9	15.4	15.5	24.7	25.6	24.8	19.0	16.9	16.8	13.0	9.3	9.1	7.8
10	17.5	15.6	24.7	25.5	24.8	18.9	16.6	17.1	12.8	11.0	8.9	8.2
11	18.7	15.5	24.7	25.5	24.8	18.8	16.6	17.5	12.4	12.5	8.7	8.6
12	19.8	15.6	24.8	25.5	24.8	18.6	16.9	17.8	11.9	13.0	8.7	8.8
13	20.6	16.0	24.8	25.5	24.8	18.6	17.0	17.8	11.3	13.0	8.7	9.0
14	21.3	16.9	24.9	25.5	24.7	18.4	17.0	17.9	10.6	12.9	8.9	9.2
15	21.7	18.0	25.0	25.4	24.6	18.4	16.9	18.0	10.1	12.6	9.2	9.4
16	22.2	19.2	25.1	25.4	24.6	18.3	16.7	18.0	9.9	12.2	9.3	9.4
17	22.6	20.3	25.3	25.4	24.5	18.2	16.4	17.7	10.1	12.0	9.2	9.4
18	22.8	21.2	25.3	25.4	24.5	18.2	16.1	17.3	10.2	11.8	9.2	9.4
19	23.0	21.8	25.4	25.3	24.4	18.2	15.9	16.9	10.4	11.7	9.0	9.9
20	23.1	22.3	25.6	25.3	24.2	18.3	15.6	16.3	10.7	11.5	9.1	10.3
21	23.1	22.7	25.6	25.2	24.1	18.5	15.5	15.6	10.8	11.2	9.1	10.6
22	22.9	23.0	25.6	25.1	23.9	18.7	15.4	15.3	11.1	11.2	8.8	10.7
23	22.5	23.3	25.7	25.0	23.8	18.9	15.4	15.3	11.4	11.4	8.6	10.5
24	22.1	23.5	25.7	24.9	23.5	19.0	15.6	15.4	11.5	11.6	8.6	10.6
25	21.7	23.7	25.7	24.7	23.3	19.0	15.8	15.4	11.3	11.7	8.4	10.7
26	21.1	23.9	25.8	24.6	22.9	18.8	15.9	15.3	11.0	11.7	8.2	11.0
27	20.4	24.1	25.8	24.5	22.7	18.6	15.6	15.3	10.8	11.6	8.0	11.7
28	19.5	24.3	25.8	24.5	22.3	18.6	15.0	15.4	10.3	11.5	7.8	12.1
29	18.5		25.8	24.5	21.9	18.7	14.1	15.7	9.8	11.4	7.7	11.9
30	17.6		25.8	24.5	21.6	18.8	13.3	15.9	9.6	11.1	7.5	11.5
31	16.9		25.8		21.2		12.6	15.9		10.7		11.1
THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE												
MEAN	18.4	18.9	25.2	25.3	24.0	18.9	16.5	16.1	11.8	11.2	9.0	9.4
MAX.	23.1	24.3	25.8	25.8	24.8	21.0	19.1	18.0	15.6	13.0	10.3	12.1
MIN.	11.3	14.8	24.4	24.5	21.2	18.2	12.6	12.4	9.6	9.1	7.5	7.4

HIGHEST STAGE WAS 25.87 ON MAR 31.  
 LOWEST STAGE WAS 7.42 ON DEC 1.