

DAILY STAGES FOR 1997

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.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 129.95 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	26.4	21.7	24.1	29.6	25.5	17.5	18.3	14.2	14.4	10.2	9.0	8.2
2	26.4	21.8	24.6	29.3	25.4	18.0	17.9	14.1	14.3	10.5	9.2	7.9
3	26.3	22.0	24.9	29.1	25.3	18.5	17.5	13.8	13.9	10.6	9.5	7.6
4	26.2	22.4	25.2	28.8	25.1	18.8	16.8	13.2	13.1	10.3	9.5	7.4
5	26.3	22.6	25.5	29.0	24.9	19.0	16.4	12.8	12.2	9.9	9.3	7.1
6	26.2	22.8	25.7	29.0	24.8	19.3	16.4	12.4	11.5	9.4	9.1	7.2
7	26.1	22.9	26.0	28.9	24.6	19.6	16.3	12.2	11.4	9.5	9.1	7.8
8	26.0	23.2	26.4	28.8	24.5	20.0	15.9	12.3	11.3	10.2	9.1	8.3
9	25.9	23.4	26.9	28.7	24.4	20.3	15.3	12.5	10.7	10.8	9.0	8.6
10	25.8	23.5	27.6	28.7	24.2	20.5	14.7	12.5	10.0	11.1	8.8	8.6
11	25.7	23.6	28.2	28.6	24.0	20.7	14.3	11.8	9.8	11.0	8.6	8.5
12	25.5	23.7	28.7	28.4	23.8	20.7	14.2	10.9	10.2	10.9	8.3	8.3
13	25.4	23.9	29.3	28.3	23.5	20.5	14.3	10.1	11.0	10.9	8.1	8.0
14	25.2	24.0	29.8	28.2	23.2	20.1	14.4	9.7	11.4	10.7	8.0	7.9
15	25.0	24.1	30.1	28.0	22.9	19.5	14.4	9.6	11.0	10.5	8.2	7.9
16	24.9	24.2	30.4	27.8	22.5	18.9	14.3	10.0	10.4	10.5	8.8	7.9
17	24.8	24.2	30.6	27.6	22.1	18.8	14.1	10.6	9.6	10.4	9.3	8.0
18	24.6	24.3	30.9	27.4	21.6	19.1	14.2	11.2	9.1	10.1	9.6	7.9
19	24.4	24.2	31.1	27.1	21.2	19.3	14.4	11.9	8.8	10.1	9.7	7.8
20	24.2	24.2	31.2	27.0	20.8	19.4	14.8	12.6	9.4	9.8	9.5	7.8
21	23.9	24.2	31.3	26.8	20.3	19.2	15.1	13.1	10.7	10.0	9.2	7.7
22	23.5	24.2	31.3	26.6	19.8	19.1	15.4	13.1	11.8	10.2	9.1	7.7
23	23.2	24.1	31.2	26.4	19.3	19.1	15.4	12.8	12.5	10.1	9.1	7.6
24	22.9	24.1	31.1	26.2	18.9	19.1	14.9	12.6	13.1	9.8	9.3	7.7
25	22.4	24.0	31.0	26.0	18.6	19.0	14.5	12.6	12.9	9.5	9.3	8.4
26	22.0	24.0	30.8	25.8	18.2	18.8	14.2	12.4	12.3	9.9	9.2	9.1
27	21.6	24.0	30.6	25.8	17.7	18.7	13.9	12.1	11.5	9.9	9.1	9.8
28	21.6	24.1	30.4	25.8	17.1	18.6	13.8	12.0	10.9	9.7	8.8	10.2
29	21.5		30.2	25.7	16.6	18.7	13.7	12.5	10.4	9.5	8.6	10.4
30	21.6		30.0	25.6	16.5	18.6	14.0	13.4	10.1	9.5	8.3	10.6
31	21.6		29.8		16.9		14.2	14.1		9.3		10.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	24.4	23.6	28.9	27.6	21.7	19.2	15.1	12.2	11.3	10.1	9.0	8.4
MAX.	26.4	24.3	31.3	29.6	25.5	20.7	18.3	14.2	14.4	11.1	9.7	10.9
MIN.	21.5	21.7	24.1	25.6	16.5	17.5	13.7	9.6	8.8	9.3	8.0	7.1

HIGHEST STAGE WAS 31.31 ON MAR 21.
LOWEST STAGE WAS 7.05 ON DEC 5.