

MISSISSIPPI RIVER AT HICKMAN, KY.

DISCHARGE OBSERVATIONS

| DATE | MEAN GAGE READING | MAXIMUM DEPTH | M A I N C H A N N E L | | | | OVERBANK | TOTAL | WATER | AIR |
|--------|----------------------|------------------|-----------------------|--------------|------------|---------|-------------|-------------|-------|------|
| | | | WIDTH | AREA | VELOCITIES | | DISCHARGE | DISCHARGE | TEMP | TEMP |
| | | | | | MEAN | MAXIMUM | | | | |
| 1993 | FT | FT | FT | 100 SQ FT | FPS | FPS | 1000 CFS | 1000 CFS | DEG | DEG |
| JAN 5 | 30.19 | 69 | 2730 | 1153 | 6.28 | 8.3 | 0 | 724 | 39 | 38 |
| JAN 11 | 36.55 | 102 | 4345 | 1625 | 5.74 | 7.0 | 0 | 932 | 36 | 35 |
| JAN 25 | 31.54 | 75 | 2751 | 1238 | 6.26 | 8.2 | 0 | 775 | 37 | 43 |
| FEB 17 | 21.90 | 69 | 2697 | 999 | 4.85 | 6.3 | 0 | 485 | 38 | 28 |
| FEB 22 | 24.65 | 72 | 2714 | 1063 | 5.30 | 6.9 | 0 | 563 | 39 | 42 |
| MAR 3 | 28.95 | 72 | 2734 | 1161 | 5.74 | 7.5 | 0 | 666 | 36 | 51 |
| MAR 10 | 38.92 | 108 | 4398 | 1776 | 5.78 | 6.8 | 0 | 1027 | 39 | 55 |
| MAR 17 | 40.49 | 111 | 4395 | 1833 | 6.17 | 7.6 | 0 | 1131 | 39 | 34 |
| MAR 31 | 41.20 | 109 | 4417 | 1847 | 5.83 | 7.1 | 0 | 1076 | 46 | 59 |
| APR 5 | 42.21 | 112 | 4395 | 1916 | 5.86 | 7.0 | 0 | 1122 | 47 | 48 |
| APR 13 | 41.43 | 110 | 4392 | 1883 | 5.78 | 6.8 | 0 | 1088 | 52 | 60 |
| APR 21 | 41.26 | 109 | 4396 | 1867 | 5.70 | 6.8 | 0 | 1065 | 52 | 51 |
| APR 28 | 38.75 | 107 | 4338 | 1758 | 5.39 | 6.3 | 0 | 948 | 56 | 68 |
| MAY 5 | 40.41 | 108 | 4358 | 1792 | 5.71 | 7.0 | 0 | 1023 | 61 | 71 |
| MAY 13 | 37.02 | 102 | 4328 | 1634 | 5.26 | 6.3 | 0 | 859 | 66 | 57 |
| MAY 19 | 33.36 | 84 | 2740 | 1250 | 6.17 | 8.3 | 0 | 772 | 68 | 70 |
| MAY 24 | 30.99 | 82 | 2735 | 1207 | 5.92 | 7.7 | 0 | 714 | 67 | 69 |
| JUN 9 | 26.26 | 79 | 2718 | 1093 | 5.18 | 6.6 | 0 | 566 | 73 | 86 |
| JUN 16 | 29.42 | 80 | 2728 | 1135 | 5.71 | 7.1 | 0 | 649 | 77 | 86 |
| JUN 29 | 26.68 | 76 | 2708 | 1059 | 5.27 | 7.3 | 0 | 558 | 80 | 86 |
| JUL 7 | 32.30 | 82 | 2738 | 1237 | 6.04 | 8.1 | 0 | 747 | 81 | 80 |
| JUL 15 | 36.56 | 101 | 4345 | 1640 | 5.38 | 6.7 | 0 | 882 | 80 | 88 |
| JUL 26 | 39.32 | 104 | 4335 | 1764 | 5.42 | 6.8 | 0 | 957 | 80 | 96 |
| AUG 4 | 40.08 | 105 | 4355 | 1812 | 5.51 | 6.5 | 0 | 998 | 82 | 83 |
| AUG 11 | 39.65 | 107 | 4328 | 1848 | 5.16 | 6.3 | 0 | 954 | 79 | 90 |
| AUG 17 | 38.18 | 103 | 4330 | 1663 | 5.39 | 6.6 | 0 | 896 | 81 | 92 |
| AUG 25 | 33.35 | 98 | 4318 | 1495 | 4.93 | 5.8 | 0 | 737 | 84 | 90 |
| AUG 30 | 28.53 | 78 | 2720 | 1055 | 5.89 | 7.6 | 0 | 621 | 85 | 91 |
| SEP 14 | 26.23 | 74 | 2692 | 1059 | 5.10 | 6.8 | 0 | 540 | 74 | 80 |
| SEP 23 | 28.34 | 76 | 2642 | 1055 | 5.59 | 7.1 | 0 | 589 | 70 | 69 |
| SEP 28 | 32.80 | 81 | 2758 | 1199 | 6.33 | 8.2 | 0 | 758 | 79 | 66 |
| OCT 6 | 35.45 | 100 | 4345 | 1646 | 4.83 | 6.0 | 0 | 795 | 63 | 64 |
| OCT 13 | 25.14 | 74 | 2328 | 1007 | 4.96 | 6.3 | 0 | 500 | 61 | 57 |
| OCT 19 | 20.74 | 72 | 2123 | 924 | 4.42 | 5.6 | 0 | 408 | 62 | 70 |
| OCT 28 | 21.45 | 74 | 2093 | 933 | 4.49 | 5.7 | 0 | 419 | 56 | 63 |

DISCHARGE RANGE. WHERE WIDTH IS GREATER THAN 4,000 FEET, MILE 920.5.
WHERE WIDTH IS LESS THAN 4,000 FEET, MILE 918.4.
GAGE. HICKMAN, KY., MILE 922.0. ZERO, 264.73, N.G.V.D.