

DROUGHT DISCHARGE MEASUREMENTS AND FLOW OBSERVATIONS
ON ILLINOIS STREAMS,
SUMMER 1988

Prepared by
U.S. GEOLOGICAL SURVEY
in cooperation with
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DROUGHT DISCHARGE MEASUREMENTS AND FLOW OBSERVATIONS
ON ILLINOIS STREAMS, SUMMER 1988

By G.W. Curtis

The drought of 1988 effected streamflow conditions statewide in Illinois. New record-low instantaneous discharges were set at many stations and several stations went to zero discharge for the first time.

An agreement between the Illinois Department of Transportation, Division of Water Resources, and the U.S. Geological Survey, Water Resources Division, was made in July 1988, to make special statewide discharge-measurements/observation trips to document summer low-flow conditions in Illinois. Two special trips were made to collect about 350 additional measurements/observations at 174 gaging stations. These special trips were sandwiched between the routine six-week trips to provide extended drought-measurement coverage at three-week intervals for the period from July through September 1988. Thus, a total of about 950 measurements/observations were collected during the period June to October 1988.

The purpose of this report is to present the discharge measurements/observations collected from June to October, to provide provisional minimum instantaneous discharges for the 1988 water year, and to provide known station-record lows.

An overview of streamflow conditions during May to October 1988 at the index stations 05435500 Pecatonica River at Freeport, 05446500 Rock River near Joslin, 05572000 Sangamon River at Monticello, and 03380500 Skillet Fork at Wayne City is shown in table 1. These represents flow conditions at two sites in northern, one site in central, and one site in southern Illinois, respectively.

Table 1.--Streamflow Statistics for
May through September 1988

[%, percent of the monthly mean flow for the reference period 1951-80; N, normal range of discharge, 25%-75% quartiles for reference period 1951-80; D, discharge deficient, less than 25% quartiles for reference period 1951-80; *, new daily minimum, zero discharge; (1), ranking of lowest monthly mean flow for the period of record.]

| Month | Monthly mean flow, percent of median | | | |
|-----------|---|---------------------|-------------------------|-------------------------|
| | Freeport % Remarks | Joslin % Remarks | Monticello % Remarks | Wayne City % Remarks |
| May | 124 N | 90 N | 26 D | 5 D, (3) |
| June | 80 N | 49 D | 7 D | 2 D, (1) |
| July | 80 N | 61 D | 2 D, (3) | 13 N, * |
| August | 70 N | 60 D | 3 D, (1), * | 6 D |
| September | 71 N | 60 D | 2 D | 7 D |

Discharge measurements and flow observations are shown in table 2. Stations are listed in downstream order by station number. The minimum instantaneous low for the 1988 water year is provisional data.

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|-------------------|--|------|-------------------------|--------|------|-----|-------------|------|-----|------------|-----|-----|------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 03336645 | MF Vermilion River above Oakwood (DCN) | 432 | 101 | 061388 | 1.24 | 31 | 071288 | 0.89 | 4.2 | 071288 | .89 | 4.2 | |
| | | | 102 | 072988 | 1.07 | 20 | | | | | | | |
| | | | 103 | 081088 | 1.08 | 23 | | | | | | | |
| | | | 104 | 090288 | .84 | 7.3 | | | | | | | |
| | | | 105 | 091388 | .90 | 9.6 | | | | | | | |
| | | | 106 | 101488 | .88 | 6.5 | | | | | | | |
| | | | 107 | 110788 | 1.34 | 38 | | | | | | | |
| 03336900 | Salt Fork near St. Joseph (DCN) | 134 | 348 | 061388 | 2.66 | 18 | 083188 | 2.34 | 6.3 | 092263 | - | 1.7 | |
| | | | 349 | 072988 | 2.41 | 9.8 | | | | | | | |
| | | | 350 | 080988 | 2.42 | 8.5 | | | | | | | |
| | | | 351 | 090688 | 2.47 | 11 | | | | | | | |
| | | | 352 | 091388 | 2.40 | 6.6 | | | | | | | |
| | | | 353 | 101188 | 2.39 | 5.7 | | | | | | | |
| | | | 354 | 110788 | 2.52 | 11 | | | | | | | |
| 03337000 | Boneyard Creek at Urbana (DCN) | 4.46 | 528 | 061388 | .88 | .68 | 070688 | .75 | .17 | 021281 | - | .03 | |
| | | | 529 | 072188 | .91 | 1.8 | | | | | | | |
| | | | 530 | 090188 | .88 | .64 | | | | | | | |
| | | | 531 | 091688 | 1.87 | 68 | | | | | | | |
| | | | 532 | 091688 | 1.43 | 28 | | | | | | | |
| 03338780 | NF Vermilion River near Bismark (DCN) | 262 | 107 | 101188 | 4.40 | 5.4 | | | | | | | Activated 090188 |
| | | | 108 | 110788 | 5.15 | 109 | | | | | | | |
| 03339000 | Vermilion River near Danville (DCN) | 1290 | 596 | 061388 | 2.25 | 120 | 081588 | 1.75 | 31 | 081030 | - | 2 | |
| | | | 597 | 071388 | 1.89 | 61 | | | | | | | |
| | | | 598 | 071988 | 1.87 | 39 | | | | | | | |

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Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|-----------------------------------|------|-------------------------|--------|------|-----|-------------|-----|----|------------|-----|-----|---------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | | | 599 | 072788 | 2.52 | 203 | | | | | | | |
| | | | 600 | 081088 | 1.80 | 41 | | | | | | | |
| | | | 601 | 090288 | 1.75 | 31 | | | | | | | |
| | | | 602 | 091388 | 1.83 | 37 | | | | | | | |
| | | | 603 | 101188 | 1.78 | 38 | | | | | | | |
| | | | 604 | 110788 | 2.42 | 140 | | | | | | | |
| 03343400 | Embarras River near Camargo (DCN) | 186 | 317 | 060888 | 2.59 | 22 | 070788 | - | 0 | - | - | 0 | |
| | | | 318 | 071588 | 1.35 | 0 | | | | | | | |
| | | | 319 | 080188 | 2.00 | 6.9 | | | | | | | |
| | | | 320 | 081188 | 1.61 | 1.1 | | | | | | | |
| | | | 321 | 083088 | 1.34 | 0 | | | | | | | |
| | | | 322 | 091388 | 1.43 | .01 | | | | | | | |
| | | | 323 | 101888 | 1.54 | 0 | | | | | | | |
| 03344000 | Embarras River near Diona (CSG) | 919 | 240 | 062188 | 1.37 | 48 | - | - | - | 091744 | - | 2.6 | PARTIAL RECORD STA. |
| | | | 241 | 071888 | 1.00 | 11 | | | | | | | |
| | | | 242 | 081288 | 1.00 | 14 | | | | | | | |
| | | | 243 | 083088 | 0.89 | 7.1 | | | | | | | |
| | | | 244 | 092388 | 1.31 | 32 | | | | | | | |
| | | | 245 | 102188 | 1.06 | 10 | | | | | | | |
| 03344500 | Range Creek near Casey (CSG) | 7.61 | | 072188 | 1.31 | 0 | - | - | - | - | - | 0 | PARTIAL RECORD STA. |
| | | | | 081088 | 0.67 | 0 | | | | | | | |
| | | | | 083088 | DRY | 0 | | | | | | | |
| | | | | 092088 | DRY | 0 | | | | | | | |
| | | | | 102188 | DRY | 0 | | | | | | | |
| 03345500 | Embarras River | 1516 | 679 | 060288 | 2.17 | 198 | 092188 | .22 | 25 | 100514 | - | 1.0 | |

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Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|-----|-------------------------|--------|------|-----|-------------|-----|---|------------|-----|---|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | at Ste. Marie (DCN) | | 680 | 060888 | 1.23 | 164 | | | | | | | |
| | | | 681 | 062888 | 0.69 | 62 | | | | | | | |
| | | | 682 | 071288 | 0.55 | 45 | | | | | | | |
| | | | 683 | 080988 | 0.67 | 66 | | | | | | | |
| | | | 684 | 082488 | 0.32 | 27 | | | | | | | |
| | | | 685 | 092188 | 0.22 | 25 | | | | | | | |
| | | | 686 | 102488 | 0.44 | 43 | | | | | | | |
| 03346000 | NF Embarras River near Oblong (DCN) | 318 | 525 | 060888 | 2.44 | 7.6 | 090288 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 526 | 062188 | 2.21 | 3.7 | | | | | | | |
| | | | 527 | 071888 | 1.97 | 1.0 | | | | | | | |
| | | | 528 | 081088 | 2.21 | 4.8 | | | | | | | |
| | | | 529 | 083088 | 1.84 | .34 | | | | | | | |
| | | | 530 | 092188 | 1.90 | .21 | | | | | | | |
| | | | 531 | 102188 | 2.09 | .15 | | | | | | | |
| 03378000 | Bonpas Creek near Browns (DCN) | 228 | 476 | 060988 | 1.63 | 2.7 | 091688 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 477 | 062388 | 1.33 | .65 | | | | | | | |
| | | | 478 | 072088 | 4.03 | 110 | | | | | | | |
| | | | 479 | 080988 | 1.70 | 6.3 | | | | | | | |
| | | | 480 | 090288 | 0.89 | 0 | | | | | | | |
| | | | 481 | 092188 | 0.97 | 0 | | | | | | | |
| | | | 482 | 101788 | 0.86 | 0 | | | | | | | |
| 03378635 | L Wabash River near Effingham (DCN) | 240 | 274 | 062188 | 9.30 | 1.2 | 091288 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 275 | 071888 | 9.14 | .14 | | | | | | | |
| | | | 276 | 081088 | 9.23 | .98 | | | | | | | |
| | | | 277 | 083088 | 9.13 | .10 | | | | | | | |
| | | | 278 | 092088 | 9.13 | .10 | | | | | | | |

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Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--------------------------------------|------|-------------------------|--------|-------|-----|-------------|------|-----|------------|-----|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | | | 279 | 102188 | 9.14 | NIL | | | | | | | |
| 03378900 | L Wabash River at Louisville (CSG) | 745 | 243 | 060288 | 9.63 | 8.2 | - | - | - | 100567 | - | .50 | PARTIAL RECORD STA. |
| | | | 244 | 071888 | 11.43 | 10 | | | | | | | |
| | | | 245 | 081288 | 10.65 | 16 | | | | | | | |
| | | | 246 | 083088 | 10.20 | 4.5 | | | | | | | |
| | | | 247 | 092288 | 10.58 | 4.7 | | | | | | | |
| 03379500 | L Wabash River below Clay City (DCN) | 1131 | 637 | 062388 | 3.34 | 10 | 062888 | 2.97 | 2.9 | 090354 | - | 0 | |
| | | | 638 | 072088 | 3.41 | 12 | | | | | | | |
| | | | 639 | 080988 | 3.70 | 26 | | | | | | | |
| | | | 640 | 090188 | 3.22 | 5.5 | | | | | | | |
| | | | 641 | 092388 | 4.36 | 2.7 | | | | | | | |
| | | | | 101788 | 4.58 | NIL | | | | | | | |
| 03380475 | Horse Creek near Keenes (DCN) | 97.2 | 326 | 060888 | 4.11 | .07 | 091088 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 327 | 072288 | 4.77 | 9.7 | | | | | | | |
| | | | 328 | 080988 | 4.31 | 1.4 | | | | | | | |
| | | | 329 | 083188 | 3.93 | 0 | | | | | | | |
| | | | 330 | 091988 | 4.21 | .16 | | | | | | | |
| | | | 331 | 093088 | 4.09 | 0 | | | | | | | |
| | | | 332 | 101988 | 4.11 | NIL | | | | | | | |
| 03380500 | Skillet Fork near Wayne City (DCN) | 464 | 673 | 060888 | 4.72 | 1.5 | 070888 | - | 0 | - | - | 0 | |
| | | | 674 | 063088 | 4.68 | .35 | | | | | | | |
| | | | 675 | 080188 | 4.78 | 2.8 | | | | | | | |
| | | | 676 | 080988 | 4.82 | 4.5 | | | | | | | |
| | | | 677 | 083188 | 4.59 | .06 | | | | | | | |
| | | | 678 | 091988 | 4.84 | 3.0 | | | | | | | |

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Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--|------|-------------------------|--------|------|-----|-------------|------|-----|------------|-----|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | | | 679 | 093088 | 4.72 | .45 | | | | | | | |
| | | | 680 | 101988 | 4.89 | 6.5 | | | | | | | |
| 03381500 | L Wabash River at Carmi (DSS) | 3102 | 620 | 060988 | 2.24 | 74 | 101288 | 1.45 | 16 | 090953 | - | .60 | |
| | | | 621 | 071188 | 1.58 | 22 | | | | | | | |
| | | | 622 | 080988 | 2.26 | 93 | | | | | | | |
| | | | 623 | 082288 | 2.01 | 65 | | | | | | | |
| | | | 624 | 092188 | 2.40 | 100 | | | | | | | |
| | | | 625 | 101288 | 1.47 | 16 | | | | | | | |
| 03382100 | SF Saline River near Carrier Mills (DCN) | 147 | 273 | 062088 | 3.30 | 8.8 | 071588 | 3.26 | 6.5 | 072966 | - | .60 | |
| | | | 274 | 072088 | 4.04 | 71 | | | | | | | |
| | | | 275 | 080888 | 3.38 | 11 | | | | | | | |
| | | | 276 | 082988 | 3.31 | 8.5 | | | | | | | |
| | | | 277 | 092088 | 3.66 | 28 | | | | | | | |
| | | | 278 | 101888 | 3.38 | 9.0 | | | | | | | |
| 03384450 | Lusk Creek near Eddyville (DCN) | 42.9 | 240 | 060988 | 2.77 | .42 | 090188 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 241 | 062088 | 2.67 | .09 | | | | | | | |
| | | | 242 | 071988 | 2.78 | .26 | | | | | | | |
| | | | 243 | 080888 | 2.73 | .06 | | | | | | | |
| | | | 244 | 082988 | 2.62 | .01 | | | | | | | |
| | | | 245 | 092088 | 2.84 | .46 | | | | | | | |
| | | | 246 | 101488 | 2.79 | .29 | | | | | | | |
| 03385000 | Hayes Creek at Glendale (CSG) | 19.1 | | 071988 | - | 0 | - | - | - | - | - | 0 | PARTIAL RECORD STA. |
| | | | | 080988 | 2.11 | 0 | | | | | | | |
| | | | | 082988 | | 0 | | | | | | | |
| | | | 292 | 092088 | 2.63 | .74 | | | | | | | |

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| Station number | Station name (1) and type (2) | Measurement/Observation | | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--|-------------------------|-----|--------|------|-----|-------------|------|-----|------------|-----|-----|---------|
| | | DA | No. | Date | GHT | Q | Date | GHT | Q | Date | GHT | Q | |
| | | | | 101488 | | 0 | | | | | | | |
| 03612000 | Cache River at Forman (DCN) | 244 | 632 | 060988 | 0.96 | 3.6 | 071088 | .65 | .33 | - | - | 0 | |
| | | | 633 | 062088 | 0.83 | 1.9 | | | | | | | |
| | | | 634 | 071988 | 1.38 | 15 | | | | | | | |
| | | | 635 | 080888 | 1.03 | 5.8 | | | | | | | |
| | | | 636 | 082988 | 0.77 | 2.0 | | | | | | | |
| | | | 637 | 092088 | 1.93 | 55 | | | | | | | |
| | | | 638 | 101488 | 0.72 | 2.0 | | | | | | | |
| 05414820 | Sinsinawa River near Menominee (DCN) | 39.6 | 211 | 071188 | 4.47 | 14 | 080388 | 4.41 | 11 | 031079 | - | 1.7 | |
| | | | 212 | 072888 | 4.45 | 13 | | | | | | | |
| | | | 213 | 081688 | 4.44 | 13 | | | | | | | |
| | | | 214 | 090688 | 4.43 | 12 | | | | | | | |
| | | | 215 | 100388 | 4.45 | 12 | | | | | | | |
| 05419000 | Apple River near Hanover (DCN) | 247 | 726 | 060488 | 1.89 | 68 | 091588 | 1.61 | 21 | - | - | 0 | |
| | | | 727 | 071288 | 1.76 | 42 | | | | | | | |
| | | | 728 | 072888 | 1.72 | 34 | | | | | | | |
| | | | 729 | 081788 | 1.67 | 28 | | | | | | | |
| | | | 730 | 090688 | 1.65 | 27 | | | | | | | |
| | | | 731 | 100388 | 1.67 | 30 | | | | | | | |
| 05435500 | Pecatonica River at Freeport (DCN) | 1326 | 632 | 071188 | 2.62 | 484 | 091588 | 2.33 | 330 | 121157 | - | 82 | |
| | | | 633 | 072888 | 2.55 | 420 | | | | | | | |
| | | | 634 | 081688 | 2.41 | 374 | | | | | | | |
| | | | 635 | 090688 | 2.32 | 351 | | | | | | | |
| | | | 636 | 100388 | 2.51 | 446 | | | | | | | |

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| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|------|-------------------------|--------|------|------|-------------|------|-----|------------|-----|-----|---|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05437500 | Rock River at Rockton (DCN) | 6363 | 491 | 062088 | 2.59 | 1510 | 090188 | 1.99 | 966 | 091458 | - | 501 | |
| | | | 492 | 070788 | 2.34 | 1270 | | | | | | | |
| | | | 493 | 070788 | 2.37 | 1560 | | | | | | | |
| | | | 494 | 072888 | 1.44 | 1330 | | | | | | | |
| | | | 495 | 082688 | 2.27 | 1220 | | | | | | | |
| | | | 496 | 091388 | 2.04 | 1020 | | | | | | | |
| | | | 497 | 101188 | 2.52 | 1470 | | | | | | | |
| 05437695 | Keith Creek at Eight St at Rockford (D7M) | 13.4 | 80 | 071288 | 2.40 | .57 | 090888 | 2.37 | .28 | 072580 | - | .23 | |
| | | | 81 | 072888 | 2.39 | .53 | | | | | | | |
| | | | 82 | 082488 | 2.39 | .56 | | | | | | | |
| | | | 83 | 091388 | 2.40 | .42 | | | | | | | |
| | | | 84 | 101188 | 2.40 | .42 | | | | | | | |
| 05438250 | Coon Creek at Riley (CSG) | 85.1 | 275 | 060288 | 2.53 | 27 | - | - | - | 102366 | - | .70 | PARTIAL RECORD STA. |
| | | | 276 | 071388 | 2.28 | 9.8 | | | | | | | |
| | | | 277 | 082588 | 2.22 | 8.8 | | | | | | | |
| 05438500 | Kishwaukee River at Belvidere (DCN) | 538 | 487 | 060988 | .95 | 154 | 091988 | .16 | 14 | 010740 | - | 15 | Q 14 EFFECTED BY TEMPORARY PUMPAGE |
| | | | 488 | 071288 | 0.52 | 56 | | | | | | | |
| | | | 489 | 072888 | 0.44 | 72 | | | | | | | |
| | | | 490 | 082488 | 0.47 | 68 | | | | | | | |
| | | | 491 | 091388 | 0.32 | 37 | | | | | | | |
| | | | 492 | 101188 | 0.37 | 50 | | | | | | | |
| 05439000 | SB Kishwaukee River at DeKalb (DCN) | 77.7 | 144 | 060788 | 3.44 | 15 | 071588 | - | 0 | 071588 | - | 0 | RECORD LOW MEAN DAILY Q OF ZERO SET 080788 |
| | | | 145 | 071988 | 3.19 | 5.1 | | | | | | | |
| | | | 146 | 081688 | 3.03 | 1.4 | | | | | | | |
| | | | 147 | 090188 | 2.87 | .05 | | | | | | | |

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| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|------|-------------------------|--------|------|------|-------------|------|------|------------|-----|-----|----------------------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | | | 148 | 091988 | 2.94 | .10 | | | | | | | |
| | | | 149 | 102188 | 3.06 | 1.5 | | | | | | | |
| 05439500 | SB Kishwaukee River near Fairdale (DCN) | 387 | 512 | 060688 | 1.96 | 85 | 091388 | 1.55 | 11 | 012040 | - | 2.1 | |
| | | | 513 | 070688 | 1.70 | 24 | | | | | | | |
| | | | 514 | 072688 | 1.69 | 23 | | | | | | | |
| | | | 515 | 082388 | 2.70 | 28 | | | | | | | |
| | | | 516 | 091388 | 1.55 | 12 | | | | | | | |
| | | | 517 | 102188 | 1.66 | 22 | | | | | | | |
| 05440000 | Kishwaukee River near Perryville (DCN) | 1099 | 511 | 060188 | 5.75 | 363 | 090588 | 4.89 | 74 | 101056 | - | 46 | |
| | | | 512 | 062388 | 5.34 | 203 | | | | | | | |
| | | | 513 | 071288 | 5.12 | 143 | | | | | | | |
| | | | 514 | 072888 | 5.06 | 119 | | | | | | | |
| | | | 515 | 082488 | 5.06 | 118 | | | | | | | |
| | | | 516 | 091388 | 4.92 | 84 | | | | | | | |
| | | | 517 | 101288 | 4.97 | 97 | | | | | | | |
| 05443500 | Rock River at Como (D7M) | 8753 | 470 | 061388 | 2.80 | 2300 | 092088 | 2.21 | - | 082034 | - | 440 | MIN. GHT & Q OCCUR ON DIFF. DAYS |
| | | | 471 | 072588 | 2.83 | 2380 | 092688 | 2.24 | 1010 | | | | |
| | | | 472 | 082288 | 2.46 | 1550 | | | | | | | |
| | | | 473 | 091588 | 2.34 | 1460 | | | | | | | |
| | | | 474 | 102088 | 2.75 | 2220 | | | | | | | |
| 05444000 | Elkhorn Creek near Penrose (DCN) | 146 | 538 | 061388 | 2.80 | 55 | 091988 | 2.33 | 12.0 | 010376 | - | 1.9 | |
| | | | 539 | 072588 | 2.65 | 40 | | | | | | | |
| | | | 540 | 082288 | 2.57 | 31 | | | | | | | |
| | | | 541 | 091588 | 2.52 | 28 | | | | | | | |
| | | | 542 | 101988 | 2.57 | 34 | | | | | | | |

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mddyyy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record Low | | | Remarks |
|----------------|--------------------------------|------|-------------------------|--------|------|------|-------------|------|------|------------|-----|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05446000 | Rock Creek at Morrison (CSG) | 164 | 199 | 072588 | 6.13 | 33 | - | - | - | 120440 | - | 1.0 | PARTIAL RECORD STA. |
| | | | 200 | 082288 | 6.03 | 26 | | | | | | | |
| | | | 201 | 091588 | 5.96 | 23 | | | | | | | |
| 05446500 | Rock River near Joslin (DCN) | 9549 | 661 | 071288 | 3.43 | 1830 | 091788 | 3.18 | 1590 | 010340 | - | 834 | |
| | | | 662 | 080288 | 3.38 | 1790 | | | | | | | |
| | | | 663 | 082388 | 3.66 | 2150 | | | | | | | |
| | | | 664 | 100388 | 3.72 | 2300 | | | | | | | |
| 05447500 | Green River near Geneseo (DCN) | 1003 | 708 | 061288 | 2.16 | 401 | 080888 | .38 | 34 | 011877 | - | 22 | |
| | | | 709 | 070888 | 1.06 | 145 | | | | | | | |
| | | | 710 | 072988 | 0.67 | 77 | | | | | | | |
| | | | 711 | 081888 | 0.42 | 35 | | | | | | | |
| | | | 712 | 090788 | 0.46 | 46 | | | | | | | |
| | | | 713 | 100488 | 0.52 | 60 | | | | | | | |
| 05448000 | Mill Creek at Milan (D7M) | 62.4 | 546 | 060288 | 1.56 | 10 | 080388 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 547 | 062988 | 1.38 | 3.2 | 081788 | - | 0 | | | | |
| | | | 548 | 072988 | 0.97 | .08 | | | | | | | |
| | | | 549 | 081888 | 0.90 | 0 | | | | | | | |
| | | | 550 | 090788 | 1.06 | .94 | | | | | | | |
| | | | 551 | 100488 | 1.10 | .48 | | | | | | | |
| 05466000 | Edwards River near Orion (DCN) | 155 | 509 | 060188 | 1.67 | 36 | 092188 | .96 | .60 | 100656 | - | .3 | |
| | | | 510 | 062988 | 1.43 | 19 | | | | | | | |
| | | | 511 | 072988 | 1.10 | 3.5 | | | | | | | |
| | | | 512 | 081788 | 1.02 | 1.7 | | | | | | | |
| | | | 513 | 090788 | 1.02 | 1.8 | | | | | | | |
| | | | 514 | 100488 | 1.08 | 2.4 | | | | | | | |

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mddyy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|-----|-------------------------|--------|-------|-----|-------------|-------|-----|------------|-----|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05466500 | Edwards River near New Boston (DCN) | 445 | 763 | 060988 | 12.12 | 80 | 091088 | 11.07 | 4.8 | 093056 | - | 5.2 | |
| | | | 764 | 072288 | 11.32 | 15 | | | | | | | |
| | | | 765 | 080988 | 11.31 | 15 | | | | | | | |
| | | | 766 | 083188 | 11.26 | 15 | | | | | | | |
| | | | 767 | 092188 | 11.16 | 8.0 | | | | | | | |
| | | | 768 | 101488 | 11.25 | 5.2 | | | | | | | |
| 05467000 | Pope Creek near Keithsburg (D7M) | 174 | 717 | 060988 | 18.04 | 30 | 090388 | 17.33 | .55 | 100249 | - | .6 | |
| | | | 718 | 072288 | 17.53 | 3.8 | | | | | | | |
| | | | 719 | 080988 | 17.50 | 3.1 | | | | | | | |
| | | | 720 | 083188 | 12.46 | 2.2 | | | | | | | |
| | | | 721 | 092188 | 17.47 | 2.0 | | | | | | | |
| | | | 722 | 101488 | 17.47 | 1.7 | | | | | | | |
| 05468500 | Cedar Creek at Little York (CSG) | 132 | 352 | 072188 | 6.11 | 10 | - | - | - | 082841 | - | 1.0 | PARTIAL RECORD STA. |
| | | | 353 | 080988 | 6.31 | 21 | | | | | | | |
| 05469000 | Henderson Creek near Oquawka (DCN) | 432 | 724 | 060988 | 12.78 | 67 | 081888 | 11.71 | 6.6 | 092340 | - | 1.7 | |
| | | | 725 | 072288 | 11.90 | 14 | | | | | | | |
| | | | 726 | 080988 | 12.16 | 28 | | | | | | | |
| | | | 727 | 090188 | 11.82 | 11 | | | | | | | |
| | | | 728 | 092188 | 12.36 | 38 | | | | | | | |
| | | | 729 | 101488 | 11.80 | 10 | | | | | | | |
| 05495500 | Bear Creek near Marcelline (DCN) | 349 | 614 | 060288 | 2.68 | 2.7 | 061988 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 615 | 072888 | 2.65 | .08 | | | | | | | |
| | | | 616 | 080988 | 2.77 | 0 | | | | | | | |
| | | | 617 | 082688 | 2.93 | 0 | | | | | | | |

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GHT, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|----------------------------------|------|-------------------------|--------|------|-----|-------------|------|-----|------------|-----|-----|---------------------|
| | | | No. | Date | GHT | Q | Date | GHT | Q | Date | GHT | Q | |
| | | | 618 | 092088 | 2.99 | .29 | | | | | | | |
| | | | 619 | 102088 | 3.10 | .06 | | | | | | | |
| 05502020 | Hadley Creek near Barry (CSG) | 40.9 | | 071988 | | 0 | - | - | - | - | - | 0 | PARTIAL RECORD STA. |
| | | | | 080888 | | 0 | | | | | | | |
| | | | | 092088 | | .01 | | | | | | | |
| | | | | 101288 | | 0 | | | | | | | |
| 05512500 | Bay Creek at Pittsfield (DCN) | 39.4 | 624 | 062188 | 1.39 | 1.0 | 051788 | .63 | .07 | - | - | 0 | |
| | | | 625 | 071888 | 1.59 | 1.0 | | | | | | | |
| | | | 626 | 080888 | 1.98 | .19 | | | | | | | |
| | | | 627 | 083088 | 2.10 | .64 | | | | | | | |
| | | | 628 | 092088 | 2.04 | 1.2 | | | | | | | |
| | | | 629 | 101188 | 2.17 | NIL | | | | | | | |
| 05520500 | Kankakee River at Momence (DCN) | 2294 | 649 | 062288 | 1.18 | 541 | 080788 | .73 | 243 | 080788 | .73 | 243 | |
| | | | 650 | 070588 | 1.11 | 502 | | | | | | | |
| | | | 651 | 071388 | 1.01 | 468 | | | | | | | |
| | | | 652 | 072688 | .94 | 398 | | | | | | | |
| | | | 653 | 081788 | .85 | 367 | | | | | | | |
| | | | 654 | 090888 | 1.04 | 497 | | | | | | | |
| | | | 655 | 101388 | 1.07 | 541 | | | | | | | |
| 05525000 | Iroquois River at Iroquois (DCN) | 686 | 458 | 071388 | 3.43 | 36 | 082088 | 2.62 | 8.2 | 091364 | - | 5.2 | |
| | | | 457 | 070588 | 3.32 | 30 | | | | | | | |
| | | | 459 | 072588 | 3.18 | 17 | | | | | | | |
| | | | 460 | 081788 | 2.84 | 13 | | | | | | | |
| | | | 461 | 090888 | 2.69 | 14 | | | | | | | |
| | | | 462 | 101388 | 2.73 | 11 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | Measurement/Observation | | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--------------------------------------|-------------------------|-----|--------|------|-----|-------------|------|-----|------------|-----|-----|-----------------------|
| | | DA | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05525500 | Sugar Creek at Milford (DCN) | 446 | 451 | 062188 | 3.00 | 21 | 090188 | 2.52 | 2.1 | 090772 | - | 2.0 | |
| | | | 452 | 070588 | 2.75 | 10 | | | | | | | |
| | | | 453 | 071388 | 2.79 | 10 | | | | | | | |
| | | | 454 | 072588 | 2.73 | 9.8 | | | | | | | |
| | | | 455 | 081888 | 2.57 | 3.5 | | | | | | | |
| | | | 456 | 090888 | 2.60 | 4.1 | | | | | | | |
| | | | 457 | 101388 | 2.60 | 3.6 | | | | | | | |
| 05526000 | Iroquois River near Chebanse (DCN) | 2091 | 598 | 062188 | 2.34 | 87 | 080988 | 1.96 | 21 | 100856 | - | 9 | |
| | | | 599 | 070588 | 2.15 | 56 | | | | | | | |
| | | | 600 | 072588 | 2.18 | 50 | | | | | | | |
| | | | 601 | 081788 | 2.05 | 36 | | | | | | | |
| | | | 602 | 090888 | 2.11 | 49 | | | | | | | |
| | | | 603 | 101388 | 2.19 | 60 | | | | | | | |
| 05527500 | Kankakee River near Wilmington (DCN) | 5150 | 477 | 062288 | .83 | 658 | 080888 | .48 | 266 | 080136 | - | 204 | |
| | | | 478 | 070688 | .70 | 476 | | | | | | | |
| | | | 479 | 071388 | .66 | 423 | | | | | | | |
| | | | 480 | 072788 | .68 | 430 | | | | | | | |
| | | | 481 | 080688 | .51 | 322 | | | | | | | |
| | | | 482 | 081688 | .71 | 544 | | | | | | | |
| | | | 483 | 090788 | .73 | 577 | | | | | | | |
| | | | 484 | 101288 | .93 | 949 | | | | | | | |
| 05527800 | Des Plaines River at Russell (DCN) | 123 | 249 | 062188 | 1.78 | 1.1 | 072688 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 250 | 072688 | 2.03 | 0 | | | | | | | |
| | | | 251 | 081788 | 2.23 | 4.4 | | | | | | | |
| | | | 252 | 090988 | 2.18 | 0 | | | | | | | |
| | | | 253 | 101188 | 2.58 | 0 | | | | | | | |

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GHT, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|------|-------------------------|--------|------|-----|-------------|------|----|------------|-----|---|-----------------------|
| | | | No. | Date | GHT | Q | Date | GHT | Q | Date | GHT | Q | |
| 05528000 | Des Plaines River near Gurnee (DCN) | 232 | 358 | 062188 | 1.22 | 42 | 091188 | 1.06 | 31 | 090270 | - | 0 | |
| | | | 359 | 072688 | 1.36 | 54 | | | | | | | |
| | | | 360 | 081688 | 1.35 | 54 | | | | | | | |
| | | | 361 | 090888 | 1.15 | 39 | | | | | | | |
| | | | 362 | 101288 | 1.14 | 32 | | | | | | | |
| 05528500 | Buffalo Creek near Wheeling (DCN) | 19.6 | 398 | 062288 | 1.01 | .6 | 080488 | - | 0 | - | - | 0 | |
| | | | 399 | 072788 | 1.04 | 1.3 | | | | | | | |
| | | | 400 | 081788 | 1.19 | 3.1 | | | | | | | |
| | | | 401 | 091288 | 1.81 | 22 | | | | | | | |
| | | | 402 | 101388 | 1.00 | .71 | | | | | | | |
| 05529000 | Des Plaines River near Des Plaines (DCN) | 360 | 498 | 062388 | 0.85 | 99 | 080788 | .68 | 35 | 080862 | - | 0 | |
| | | | 499 | 072888 | 0.75 | 60 | | | | | | | |
| | | | 500 | 081888 | 0.75 | 73 | | | | | | | |
| | | | 501 | 081888 | 0.75 | 73 | | | | | | | |
| | | | 502 | 091388 | 0.87 | 88 | | | | | | | |
| | | | 503 | 101388 | 0.86 | 48 | | | | | | | |
| 05529500 | Mc Donald Creek near Mount Prospect (DCN) | 7.93 | 376 | 062288 | 0.83 | .10 | 071388 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 377 | 072788 | 0.83 | .10 | | | | | | | |
| | | | 378 | 081788 | 0.90 | .32 | | | | | | | |
| | | | 379 | 091288 | 3.61 | 67 | | | | | | | |
| | | | 380 | 101388 | 0.84 | .12 | | | | | | | |
| 05530000 | Weller Creek at Des Plaines (DCN) | 13.2 | 452 | 062388 | 0.67 | 3.1 | 062888 | - | 0 | - | - | 0 | |
| | | | 453 | 072888 | 0.59 | .41 | | | | | | | |
| | | | 454 | 081988 | 0.65 | 1.3 | | | | | | | |
| | | | 455 | 091388 | 0.79 | 5.5 | | | | | | | |

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Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--------------------------------------|------|-------------------------|--------|------|-----|-------------|------|-----|------------|-----|----|---------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | | | 456 | 101488 | 0.55 | .25 | | | | | | | |
| 05530990 | Salt Creek at Rolling Meadows (DCN) | 30.5 | 163 | 062288 | 1.89 | 1.8 | 061688 | 1.73 | .45 | 020877 | - | 0 | |
| | | | 164 | 072888 | 1.92 | 1.1 | | | | | | | |
| | | | 165 | 081888 | 2.31 | 14 | | | | | | | |
| | | | 166 | 091388 | 2.30 | 16 | | | | | | | |
| | | | 167 | 101488 | 1.93 | .96 | | | | | | | |
| 05531500 | Salt Creek at Western Springs (DCN) | 114 | 478 | 062488 | 1.91 | 62 | 062088 | 1.72 | 35 | 071353 | - | .4 | |
| | | | 479 | 072988 | 1.84 | 46 | | | | | | | |
| | | | 480 | 081888 | 1.95 | 73 | | | | | | | |
| | | | 481 | 091088 | 1.78 | 42 | | | | | | | |
| | | | 482 | 101888 | 4.52 | 440 | | | | | | | |
| 05532000 | Addison Creek at Bellwood (DCN) | 17.9 | 444 | 062488 | 1.23 | 4.1 | 082588 | 1.07 | 1.3 | 091462 | - | 0 | |
| | | | 445 | 072988 | 1.27 | 4.5 | | | | | | | |
| | | | 446 | 081888 | 1.36 | 11 | | | | | | | |
| | | | 447 | 091088 | 1.22 | 4.6 | | | | | | | |
| | | | 448 | 101788 | 1.76 | 22 | | | | | | | |
| 05532500 | Des Plaines River at Riverside (DCN) | 630 | 476 | 062488 | 3.05 | 234 | 080788 | .68 | 35 | 100774 | - | 0 | |
| | | | 477 | 072988 | 2.92 | 147 | | | | | | | |
| | | | 478 | 081888 | 3.04 | 212 | | | | | | | |
| | | | 479 | 091088 | 2.92 | 147 | | | | | | | |
| | | | 480 | 101788 | 3.10 | 282 | | | | | | | |
| 05533000 | Flag Creek near Willow Springs (DCN) | 16.5 | 423 | 062488 | 3.43 | 12 | 082488 | 3.25 | 6 | 120957 | - | .1 | |
| | | | 424 | 072888 | 3.39 | 8.1 | | | | | | | |
| | | | 425 | 082588 | 3.40 | 10 | | | | | | | |

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| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|------|-------------------------|--------|------|-----|-------------|------|-----|------------|-----|----|----------------------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | | | 426 | 091488 | 3.39 | 9.7 | | | | | | | |
| | | | 427 | 101888 | 3.64 | 29 | | | | | | | |
| 05534500 | NB Chicago River at Deerfield (DCN) | 19.7 | 411 | 062288 | 3.30 | .3 | 082988 | 3.20 | .19 | - | - | 0 | |
| | | | 412 | 072788 | 3.32 | 1.7 | | | | | | | |
| | | | 413 | 081788 | 3.28 | .48 | | | | | | | |
| | | | 414 | 090988 | 3.22 | .73 | | | | | | | |
| | | | 415 | 101388 | 3.30 | .48 | | | | | | | |
| 05535000 | Skokie River at Lake Forest (DCN) | 13.0 | 416 | 062188 | 1.42 | .5 | 061888 | 1.38 | .33 | 1959 | - | 0 | |
| | | | 417 | 072788 | 1.48 | 1.4 | | | | | | | |
| | | | 418 | 081788 | 1.45 | .88 | | | | | | | |
| | | | 419 | 090988 | 1.53 | .33 | | | | | | | |
| | | | 420 | 101288 | 1.56 | .56 | | | | | | | |
| 05535070 | Skokie River Highland Park (DCN) | 21.1 | 234 | 062188 | 2.21 | 0 | 061488 | - | 0 | 061488 | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 235 | 072788 | 2.92 | 1.2 | | | | | | | |
| | | | 236 | 081788 | 2.50 | 0 | | | | | | | |
| | | | 237 | 090988 | 2.52 | .01 | | | | | | | |
| | | | 238 | 090988 | 2.52 | 0 | | | | | | | |
| | | | 239 | 101288 | 2.88 | 1.2 | | | | | | | |
| 05535500 | WF NB Chicago River at Northbrook (DCN) | 11.5 | 417 | 062288 | 1.04 | 2.1 | 060688 | 1.02 | 1.8 | - | - | 0 | MIN. GHT & Q OCCUR ON DIFF. DAYS |
| | | | 418 | 072788 | 1.12 | 4.7 | 071288 | .99 | - | | | | |
| | | | 419 | 081788 | 1.17 | 6.6 | | | | | | | |
| | | | 420 | 090988 | 1.16 | 5.7 | | | | | | | |
| | | | 421 | 101388 | .96 | 2.0 | | | | | | | |
| 05536000 | NB Chicago River | 100 | 428 | 062388 | 4.12 | 32 | 091888 | .95 | 14 | 093053 | - | .1 | |

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| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---------------------------------------|------|-------------------------|--------|------|-----|-------------|------|----|------------|-----|---|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | at Niles (DCN) | | 429 | 072888 | 1.27 | 24 | | | | | | | |
| | | | 430 | 081888 | 1.75 | 74 | | | | | | | |
| | | | 431 | 091388 | 3.39 | 104 | | | | | | | |
| | | | 432 | 101488 | 1.49 | 25 | | | | | | | |
| 05536215 | Thorn Creek at Glenwood (DCN) | 24.7 | 464 | 062988 | 3.49 | 32 | 070188 | 3.08 | 11 | 092549 | - | 6 | |
| | | | 465 | 072688 | 3.31 | 20 | | | | | | | |
| | | | 466 | 082488 | 3.40 | 24 | | | | | | | |
| | | | 467 | 091088 | 3.33 | 25 | | | | | | | |
| | | | 468 | 101988 | 3.53 | 31 | | | | | | | |
| 05536235 | Deer Creek near Chicago Heights (DCN) | 23.1 | 441 | 063088 | 2.86 | 1.5 | 061288 | - | 0 | - | - | 0 | |
| | | | 442 | 072588 | 2.66 | .29 | | | | | | | |
| | | | 443 | 082388 | 2.78 | 1.1 | | | | | | | |
| | | | 444 | 091088 | 2.62 | .42 | | | | | | | |
| | | | 445 | 101988 | 3.56 | 7.6 | | | | | | | |
| 05536255 | Butterfield Creek at Flossmoor (DCN) | 23.5 | 444 | 062388 | 3.72 | .6 | 061888 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 445 | 071588 | 3.50 | 0 | | | | | | | |
| | | | 446 | 071688 | 3.49 | 0 | | | | | | | |
| | | | 447 | 072688 | 3.58 | .05 | | | | | | | |
| | | | 448 | 082388 | 3.60 | .55 | | | | | | | |
| | | | 449 | 091088 | 3.50 | 0 | | | | | | | |
| | | | 450 | 101988 | 4.33 | 17 | | | | | | | |
| 05536265 | Lansing Ditch near Lansing (DCN) | 8.84 | 458 | 063088 | 3.03 | .3 | 092788 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 459 | 072588 | 3.26 | 2.8 | | | | | | | |
| | | | 460 | 082388 | 2.95 | .08 | | | | | | | |
| | | | 461 | 091088 | 2.85 | .01 | | | | | | | |

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| Station number | Station name (1) and type (2) | Measurement/Observation | | | | | 1988 WY low | | | Record low | | | Remarks |
|-------------------|--|-------------------------|-----|--------|------|-----|-------------|------|-----|------------|------|-----|--------------------|
| | | DA | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05537500 | Long Run near Lemont (DCN) | 20.9 | 395 | 062488 | 0.59 | 1.0 | 072888 | .34 | .05 | - | - | 0 | |
| | | | 396 | 072888 | 0.36 | .09 | | | | | | | |
| | | | 397 | 082588 | 0.71 | .22 | | | | | | | |
| | | | 398 | 091488 | 0.54 | .41 | | | | | | | |
| | | | 399 | 101888 | 2.35 | 36 | | | | | | | |
| 05539000 | Hickory Creek at Joliet (DCN) | 107 | 460 | 060788 | 0.90 | 11 | 080688 | .65 | 1.7 | 081964 | - | .5 | |
| | | | 461 | 072188 | 0.86 | 7.4 | | | | | | | |
| | | | 462 | 080888 | 0.65 | 1.7 | | | | | | | |
| | | | 463 | 083088 | 0.80 | 8.7 | | | | | | | |
| | | | 464 | 091988 | 0.75 | 7.5 | | | | | | | |
| | | | 465 | 101988 | 1.19 | 5.1 | | | | | | | |
| 05539900 | WB Du Page River near West Chicago (DCN) | 28.5 | 324 | 060388 | 3.91 | 16 | 082788 | 3.60 | 6.3 | 071263 | - | .2 | |
| | | | 325 | 071488 | 3.75 | 11 | | | | | | | |
| | | | 326 | 072988 | 3.74 | 11 | | | | | | | |
| | | | 327 | 081988 | 3.98 | 21 | | | | | | | |
| | | | 328 | 091488 | 3.81 | 14 | | | | | | | |
| | | | 329 | 101288 | 3.66 | 12 | | | | | | | |
| 05540095 | WB Du Page River near Warrenville (DCN) | 90.4 | 227 | 060388 | 1.80 | 34 | 090188 | 1.68 | 11 | 102672 | - | 7.8 | |
| | | | 228 | 071488 | 1.78 | 20 | | | | | | | |
| | | | 229 | 072988 | 1.78 | 23 | | | | | | | |
| | | | 230 | 081988 | 1.96 | 73 | | | | | | | |
| | | | 231 | 091488 | 1.78 | 33 | | | | | | | |
| | | | 232 | 101988 | 2.08 | 120 | | | | | | | |
| 05540275 | Spring Brook at 87th Street Near | | 11 | 072888 | 2.11 | .05 | 072888 | 2.10 | .04 | 072888 | 2.10 | .04 | FIRST YR OF RECORD |
| | | | 12 | 072888 | 2.11 | .05 | | | | | | | |

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddyy);
GHT, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY Low | | | Record low | | | Remarks | |
|----------------|--|------|-------------------------|--------|------|------|----------------|------|------|------------|------|------|----------------|--|
| | | | No. | Date | GHT | Q | Date | GHT | Q | Date | GHT | Q | | |
| | Naperville (DCN) | | 13 | 082288 | 2.22 | .42 | | | | | | | | |
| | | | 14 | 091688 | 2.19 | .18 | | | | | | | | |
| | | | 15 | 091988 | 2.27 | .57 | | | | | | | | |
| | | | 16 | 102588 | 2.48 | 2.5 | | | | | | | | |
| 05540500 | Du Page River at Shorewood (DCN) | 324 | 441 | 060688 | 2.04 | 117 | 091088 | 1.86 | 61 | 111755 | - | .2 | | |
| | | | 442 | 072088 | 2.28 | 214 | | | | | | | | |
| | | | 443 | 080888 | 1.94 | 788 | | | | | | | | |
| | | | 444 | 083088 | 2.02 | 103 | | | | | | | | |
| | | | 445 | 091988 | 2.02 | 115 | | | | | | | | |
| | | | 446 | 101988 | 2.70 | 477 | | | | | | | | |
| 05542000 | Mazon River naer Coal City (DCN) | 455 | 505 | 070688 | .75 | .51 | NOT DETERMINED | - | - | - | - | 0 | | |
| | | | 506 | 071488 | .64 | .03 | | | | | | | | |
| | | | 507 | 072788 | .75 | .75 | | | | | | | | |
| | | | 508 | 081688 | .96 | 2.6 | | | | | | | | |
| | | | 509 | 090788 | .77 | .33 | | | | | | | | |
| | | | 510 | 101288 | .88 | 1.6 | | | | | | | | |
| 05543500 | Illinois River at Marseilles (DCN) | 8259 | 319 | 060888 | 1.83 | 5450 | 093088 | .34 | 1310 | 093088 | .34 | 1310 | | |
| | | | 320 | 072188 | 1.46 | 4254 | | | | | | | | |
| | | | 321 | 082588 | 1.71 | 5030 | | | | | | | | |
| | | | 322 | 101888 | 3.15 | 9610 | | | | | | | | |
| 05547000 | Channel Lake near Antioch (SCN) | | | 062088 | 3.85 | - | 062788 | 3.85 | - | 012677 | 1.65 | - | IN SUMMER POOL | |
| | | | | 090188 | 3.95 | - | | | | | | | | |
| 05547500 | Fox Lake near | | | 062088 | 3.85 | - | 062788 | 3.78 | - | 011868 | 1.83 | - | IN SUMMER POOL | |

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddyy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--|------|-------------------------|--------|------|-----|-------------|------|----|------------|------|-----|---------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | Lake Villa (SCN) | | | 090188 | 3.94 | - | | | | | | | |
| 05548000 | Nippersink Lake at Fox Lake (SCN) | | | 062088 | 3.79 | - | 071588 | 3.71 | - | 021072 | 1.70 | - | IN SUMMER POOL |
| | | | | 090188 | 3.86 | - | | | | | | | |
| 05548280 | Nippersink Creek near Spring Grove (DCN) | 192 | 233 | 072688 | 3.49 | 35 | 091088 | 3.11 | 6 | 110366 | - | 13 | |
| | | | 234 | 081688 | 3.35 | 27 | | | | | | | |
| | | | 235 | 090888 | 3.36 | 24 | | | | | | | |
| | | | 236 | 101188 | 3.31 | 22 | | | | | | | |
| 05548500 | Fox River at Johnsborg (SCN) | 1205 | | 090288 | 3.76 | - | 071588 | 3.64 | - | 030967 | 1.43 | - | IN SUMMER POOL |
| 05549000 | Boone Creek near McHenry (CSG) | 15.5 | 397 | 072688 | 0.62 | 7.0 | - | - | - | 122548 | .30 | 1.6 | PARTIAL RECORD STA. |
| | | | 398 | 081688 | 0.40 | 3.3 | | | | | | | |
| | | | 399 | 090888 | 0.45 | 3.2 | | | | | | | |
| 05549500 | Fox River near McHenry (SCN) | 1250 | | 090288 | 3.83 | | 071588 | 3.64 | - | 020667 | - | .32 | IN SUMMER POOL |
| 05550000 | Fox River at Algonquin (DCN) | 1403 | 409 | 060288 | 1.32 | 403 | 071588 | .87 | 39 | 072842 | - | 12 | |
| | | | 410 | 061788 | 1.06 | 190 | | | | | | | |
| | | | 411 | 071388 | 0.92 | 63 | | | | | | | |
| | | | 412 | 072988 | 1.00 | 118 | | | | | | | |
| | | | 413 | 982588 | 1.06 | 147 | | | | | | | |
| | | | 414 | 091488 | 1.10 | 195 | | | | | | | |
| | | | 415 | 101288 | 1.25 | 353 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks | | |
|----------------|---------------------------------------|------|-------------------------|--------|------|------|-------------|------|-----|------------|------|----|----------------------------------|--------|------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | | | |
| 05550500 | Poplar Creek at Elgin (DCN) | 35.2 | 441 | 060788 | 0.95 | 1.6 | 082088 | .77 | .16 | 091458 | - | 0 | | | |
| | | | 442 | 071288 | 0.80 | .30 | | | | | | | | | |
| | | | 443 | 081688 | 1.36 | 13 | | | | | | | | | |
| | | | 444 | 090888 | .84 | .53 | | | | | | | | | |
| | | | 445 | 101188 | .86 | .75 | | | | | | | | | |
| 05551200 | Ferson Creek near Ste. Charles (DCN) | 51.7 | 313 | 060388 | 1.73 | 12 | 080888 | 1.44 | 1.4 | 61,65 | - | .1 | | | |
| | | | 314 | 071488 | 1.50 | 2.0 | | | | | | | | | |
| | | | 315 | 072988 | 1.50 | 2.4 | | | | | | | | | |
| | | | 316 | 081988 | 1.68 | 11 | | | | | | | | | |
| | | | 317 | 091488 | 1.56 | 4.8 | | | | | | | | | |
| | | | 318 | 101288 | 1.12 | 2.8 | | | | | | | | | |
| 05551700 | Blackberry Creek near Yorkville (DCN) | 70.2 | 307 | 060688 | 2.99 | 24 | 080888 | 2.60 | 3.2 | 120762 | - | .1 | MIN. GHT & Q OCCUR ON DIFF. DAYS | | |
| | | | 308 | 071288 | 3.14 | 33 | | | | | | | | 082988 | 2.56 |
| | | | 309 | 080888 | 2.60 | 3.2 | | | | | | | | | |
| | | | 310 | 082888 | 2.68 | 6.8 | | | | | | | | | |
| | | | 311 | 091988 | 2.71 | 7.0 | | | | | | | | | |
| | | | 312 | 101888 | 3.68 | 52 | | | | | | | | | |
| 05552500 | Fox River at Dayton (DCN) | 2642 | 432 | 060788 | 5.74 | 638 | 072388 | 4.48 | 36 | 072388 | 4.48 | 36 | REGULATED BY POWER PLANT | | |
| | | | 433 | 071588 | 4.64 | 68 | | | | | | | | | |
| | | | 434 | 080888 | 4.80 | 131 | | | | | | | | | |
| | | | 435 | 083088 | 5.90 | 754 | | | | | | | | | |
| | | | 436 | 092088 | 6.11 | 924 | | | | | | | | | |
| | | | 437 | 101888 | 6.38 | 1010 | | | | | | | | | |
| 05554000 | NF Vermilion River near | 186 | 215 | 080388 | .70 | 0 | - | - | - | - | - | 0 | PARTIAL RECORD STA. | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mddyy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|-----------------|-------------------------------------|------|-------------------------|--------|------|-----|-------------|------|-----|------------|------|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| Charlotte (CSG) | | | | | | | | | | | | | |
| 05554500 | Vermilion River at Pontiac (DCN) | 579 | 513 | 070788 | .95 | 0 | 070188 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 514 | 072788 | .68 | 0 | | | | | | | |
| | | | 515 | 080388 | .51 | 0 | | | | | | | |
| | | | 516 | 081688 | .78 | 0 | | | | | | | |
| | | | 517 | 090788 | 1.27 | 0 | | | | | | | |
| | | | 518 | 101288 | 1.50 | 0 | | | | | | | |
| 05555300 | Vermilion River near Leonore (DCN) | 1251 | 196 | 062488 | 3.12 | 28 | 080288 | 2.76 | 2.5 | 080288 | 2.76 | 2.5 | |
| | | | 197 | 070788 | 2.88 | 8.8 | | | | | | | |
| | | | 198 | 071488 | 2.92 | 8.9 | | | | | | | |
| | | | 199 | 072788 | 2.94 | 5.0 | | | | | | | |
| | | | 200 | 081688 | 2.80 | 6.6 | | | | | | | |
| | | | 201 | 090788 | 2.94 | 12 | | | | | | | |
| | | | 202 | 101288 | 3.34 | 33 | | | | | | | |
| 05556500 | Big Bureau Creek at Princeton (DCN) | 196 | 588 | 060388 | 2.25 | 78 | 091988 | 1.47 | 1.2 | 110053 | - | 0 | |
| | | | 589 | 070788 | 1.60 | 6.0 | | | | | | | |
| | | | 590 | 072688 | 1.53 | 2.2 | | | | | | | |
| | | | 591 | 081988 | 1.57 | 2.9 | | | | | | | |
| | | | 592 | 090388 | 1.49 | 1.6 | | | | | | | |
| | | | 593 | 100488 | 1.53 | 2.4 | | | | | | | |
| 05557000 | West Bureau Creek at Wyanet (CSG) | 86.7 | 418 | 072688 | 1.26 | .01 | - | - | - | - | - | 0 | PARTIAL RECORD STA. |
| | | | 419 | 081988 | 1.13 | 0 | | | | | | | |
| | | | 420 | 090388 | 1.25 | .02 | | | | | | | |
| 05557500 | East Bureau | 99.0 | 330 | 072688 | 6.10 | .13 | - | - | - | - | - | 0 | PARTIAL RECORD STA. |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddyy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---------------------------------------|-------|-------------------------|--------|-------|------|-------------|-------|------|------------|-----|------|----------------------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | Creek near Bureau (CSG) | | 331 | 081988 | 5.80 | .08 | | | | | | | |
| | | | 332 | 090388 | 5.45 | .06 | | | | | | | |
| 05558300 | Illinois River at Henry (PVM) | 13543 | 62 | 070188 | 14.66 | 6250 | 093088 | 13.20 | - | 090888 | - | 1750 | MIN. GHT & Q OCCUR ON DIFF. DAYS |
| | | | 64 | 090888 | 14.45 | 1750 | 090888 | 14.45 | 1750 | | | | |
| | | | 65 | 101388 | 14.39 | 2860 | | | | | | | |
| 05560500 | Farm Creek at Farmdale (D7M) | 27.4 | 548 | 070788 | .81 | .93 | 080688 | .72 | .10 | - | - | 0 | |
| | | | 549 | 072588 | .77 | .34 | | | | | | | |
| | | | 550 | 081588 | .71 | .76 | | | | | | | |
| | | | 551 | 090688 | .76 | .82 | | | | | | | |
| 05561500 | Fondulac Creek near East Peoria (D7M) | 5.54 | 376 | 051988 | 1.13 | 0 | 030288 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 377 | 070788 | 1.11 | 0 | | | | | | | |
| | | | 378 | 072588 | 1.10 | 0 | | | | | | | |
| | | | 379 | 081588 | DRY | - | | | | | | | |
| | | | 380 | 090688 | DRY | - | | | | | | | |
| | | | 381 | 101188 | DRY | - | | | | | | | |
| 05563000 | Kickapoo Creek near Kickapoo (CSG) | 119 | 243 | 072588 | 1.14 | 1.5 | - | - | - | 080156 | - | .4 | PARTIAL RECORD STA. |
| | | | 244 | 081688 | 1.10 | 1.4 | | | | | | | |
| | | | 245 | 090688 | .99 | .32 | | | | | | | |
| 05563500 | Kickapoo Creek at Peoria (CSG) | 297 | 363 | 072588 | 1.17 | 5.4 | - | - | - | 092863 | - | .2 | PARTIAL RECORD STA. |
| | | | 364 | 081588 | 1.13 | 5.5 | | | | | | | |
| | | | 365 | 090788 | 1.10 | 6.7 | | | | | | | |
| 05567000 | Panther Creek near El Paso | 93.9 | 135 | 080488 | DRY | 0 | - | - | - | 100249 | - | .2 | PARTIAL RECORD STA. |
| | | | 136 | 081588 | DRY | - | | | | | | | |

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Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--|-------|-------------------------|--------|-------|------|-------------|-----|---|------------|-----|------|----------------------------|
| | | | No. | Date | Ght | Q | Date. | Ght | Q | Date | Ght | Q | |
| | (CSG) | | 137 | 090788 | DRY | - | | | | | | | |
| 05567500 | Mackinaw River near Congerville (DCN) | 767 | 437 | 061788 | .74 | 37 | 080888 | - | 0 | 080888 | - | 0 | |
| | | | 438 | 070788 | .26 | 6.8 | | | | | | | |
| | | | 439 | 071488 | .19 | 5.6 | | | | | | | |
| | | | 440 | 072888 | .12 | 2.1 | | | | | | | |
| | | | 441 | 081588 | .08 | 1.8 | | | | | | | |
| | | | 442 | 090688 | .00 | .25 | | | | | | | |
| | | | 443 | 101188 | .06 | -1.7 | | | | | | | |
| 05568000 | Mackinaw River near Green Valley (CSG) | 1089 | 349 | 071488 | 13.20 | 40 | - | - | - | 102740 | - | 1.7 | STATION REACTIVATED 062488 |
| | | | 350 | 072788 | 13.15 | 33 | | | | | | | |
| | | | 351 | 080988 | 13.05 | 26 | | | | | | | |
| | | | 352 | 092088 | 13.33 | 49 | | | | | | | |
| | | | 353 | 101288 | 13.05 | 24 | | | | | | | |
| 05568500 | Illinois River at Kingston Mines (DSI) | 15818 | 432 | 062988 | 2.80 | 5820 | - | - | - | 090184 | - | 1700 | |
| | | | 433 | 072088 | 2.98 | 6950 | | | | | | | |
| | | | 434 | 092988 | 3.92 | 7490 | | | | | | | |
| | | | 435 | 102188 | 3.48 | 7200 | | | | | | | |
| | | | 436 | 110788 | 3.28 | 5920 | | | | | | | |
| 05568800 | Indian Creek near Wyoming (DCN) | 62.7 | 291 | 060888 | 1.08 | 15 | 091088 | - | 0 | 091088 | - | 0 | |
| | | | 292 | 072188 | .66 | 1.6 | | | | | | | |
| | | | 293 | 081088 | .84 | 6.5 | | | | | | | |
| | | | 294 | 083188 | .58 | .56 | | | | | | | |
| | | | 295 | 092088 | .77 | 3.4 | | | | | | | |
| | | | 296 | 101388 | .53 | .13 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|-------------------|---|------|-------------------------|--------|------|-----|-------------|------|-----|------------|------|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05569500 | Spoon River at London Mills (DCN) | 1072 | 457 | 060288 | 2.86 | 176 | 082288 | 1.46 | 8.6 | 020877 | - | 5.6 | |
| | | | 458 | 071288 | 1.94 | 33 | | | | | | | |
| | | | 459 | 072688 | 1.70 | 19 | | | | | | | |
| | | | 460 | 080888 | 1.49 | 9.1 | | | | | | | |
| | | | 461 | 082488 | 1.58 | 14 | | | | | | | |
| | | | 462 | 091988 | 1.63 | 18 | | | | | | | |
| | | | 463 | 101188 | 1.37 | 10 | | | | | | | |
| 05570000 | Spoon River at Seville (DCN) | 1636 | 594 | 071388 | 4.21 | 46 | 091588 | 3.77 | 10 | 082914 | - | 3.8 | |
| | | | 595 | 072688 | 4.03 | 28 | | | | | | | |
| | | | 596 | 080988 | 3.97 | 24 | | | | | | | |
| | | | 597 | 082588 | 3.90 | 20 | | | | | | | |
| | | | 598 | 091988 | 3.88 | 19 | | | | | | | |
| | | | 599 | 100288 | 4.25 | 56 | | | | | | | |
| 05570370 | Big Creek near Bryant (DCN) | 41.2 | 168 | 060188 | 5.00 | 5.4 | 070588 | 4.69 | .40 | 070588 | 4.69 | .40 | |
| | | | 169 | 072188 | 4.84 | 2.2 | | | | | | | |
| | | | 170 | 072788 | 4.83 | 1.8 | | | | | | | |
| | | | 171 | 080888 | 5.29 | .95 | | | | | | | |
| | | | 172 | 090688 | 4.76 | 1.2 | | | | | | | |
| | | | 173 | 092188 | 4.90 | 2.8 | | | | | | | |
| | | | 174 | 101088 | 5.14 | 2.5 | | | | | | | |
| 05570380 | Slug Run near Bryant (DCN) | 7.12 | 130 | 060188 | 4.90 | .22 | 020188 | - | 0 | 020188 | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 131 | 072188 | 4.85 | .06 | | | | | | | |
| | | | 132 | 072788 | 4.57 | 0 | | | | | | | |
| | | | 133 | 080888 | 3.78 | 0 | | | | | | | |
| | | | 134 | 090688 | 4.83 | .03 | | | | | | | |
| | | | 135 | 092188 | 4.86 | .07 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|-------|-------------------------|--------|------|------|-------------|-----|---|------------|-----|------|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | | | 136 | 101088 | 4.88 | .23 | | | | | | | |
| 05570500 | Illinois River at Havana (PVM) | 18299 | 40 | 062888 | 5.35 | 5320 | - | - | - | 082486 | - | 6600 | |
| | | | 41 | 071988 | 5.22 | 6280 | | | | | | | |
| | | | 42 | 081688 | 5.62 | 6970 | | | | | | | |
| | | | 43 | 092788 | 5.70 | 7480 | | | | | | | |
| | | | 44 | 102088 | 6.11 | 7890 | | | | | | | |
| | | | 45 | 110888 | 5.76 | 7000 | | | | | | | |
| 05570910 | Sangamon River at Fisher (DCN) | 240 | 101 | 063088 | 3.87 | 6.1 | 083188 | - | 0 | 083188 | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 102 | 072888 | 3.80 | 2.6 | | | | | | | |
| | | | 103 | 081588 | 3.70 | .82 | | | | | | | |
| | | | 104 | 090688 | 3.71 | 1.0 | | | | | | | |
| | | | 105 | 092888 | 3.59 | .01 | | | | | | | |
| 05572000 | Sangamon River at Monticello (DCN) | 550 | 765 | 063088 | 3.91 | 26 | 090488 | - | 0 | 090488 | - | 0 | |
| | | | 766 | 071488 | 3.74 | 7.8 | | | | | | | |
| | | | 767 | 080188 | 3.67 | 2.2 | | | | | | | |
| | | | 768 | 083188 | 3.47 | .85 | | | | | | | |
| | | | 769 | 092988 | 3.48 | 0 | | | | | | | |
| | | | 770 | 103188 | 3.99 | 0 | | | | | | | |
| 05573540 | Sangamon River at Route 48 at Decatur (DCN) | 938 | 83 | 061088 | 4.58 | 29 | 071488 | - | 0 | 071488 | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 84 | 071488 | 3.74 | 3.0 | | | | | | | |
| | | | 85 | 072888 | 3.89 | 2.5 | | | | | | | |
| | | | 86 | 090188 | 3.61 | 1.1 | | | | | | | |
| | | | 87 | 091588 | 3.87 | .23 | | | | | | | |
| | | | 88 | 101888 | 4.06 | 3.1 | | | | | | | |

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddyy);
GHT, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---------------------------------------|------|-------------------------|--------|------|-----|-------------|------|----|------------|-----|---|--|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05575500 | SF Sangamon River at Kincaid (CSG) | 562 | 295 | 072588 | 7.14 | 22 | - | - | - | 102322 | - | 0 | PARTIAL RECORD STA. |
| | | | 296 | 080888 | 6.33 | 3.0 | | | | | | | |
| | | | 297 | 090788 | 6.40 | 1.4 | | | | | | | |
| | | | 298 | 091988 | 6.85 | 3.1 | | | | | | | |
| 05576000 | SF Sangmon River near Rochester (DSS) | 867 | 426 | 062888 | 5.86 | 32 | 060588 | - | 0 | 110685 | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 427 | 071388 | 4.50 | .26 | | | | | | | |
| | | | 428 | 072688 | 6.10 | 52 | | | | | | | |
| | | | 429 | 080888 | 4.51 | .37 | | | | | | | |
| | | | 430 | 091388 | 4.53 | 1.3 | | | | | | | |
| 05576500 | Sangamon River at Riverton (DCN) | 2618 | 367 | 062188 | 3.68 | 100 | 091188 | 2.06 | 37 | 101514 | - | 3 | |
| | | | 368 | 070888 | 2.45 | 71 | | | | | | | |
| | | | 369 | 071388 | 2.36 | 67 | | | | | | | |
| | | | 370 | 072088 | 2.42 | 74 | | | | | | | |
| | | | 371 | 080988 | 2.45 | 80 | | | | | | | |
| | | | 372 | 090888 | 2.11 | 46 | | | | | | | |
| | | | 373 | 091988 | 2.25 | 68 | | | | | | | |
| 05577500 | Spring Creek at Springfield (DCN) | 107 | 425 | 062888 | 1.23 | .22 | 100187 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS CHANNEL DRY, NO GHT |
| | | | 426 | 071388 | - | 0 | | | | | | | |
| | | | 427 | 072688 | 1.68 | 1.3 | | | | | | | |
| | | | 428 | 080888 | 1.18 | .08 | | | | | | | |
| | | | 429 | 090788 | 1.79 | DRY | | | | | | | |
| | | | 430 | 091388 | 1.79 | DRY | | | | | | | |
| 431 | 101988 | 1.37 | .11 | | | | | | | | | | |

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddyy);
GHT, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|-------------------------------------|------|-------------------------|--------|------|-----|----------------|------|-----|------------|------|-----|---------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05578500 | Salt Creek near Rowell (DCN) | 335 | 489 | 062288 | 8.39 | 11 | NOT DETERMINED | - | - | 100454 | - | .7 | |
| | | | 490 | 071288 | 8.36 | 8.6 | | | | | | | |
| | | | 491 | 080288 | 8.30 | 6.6 | | | | | | | |
| | | | 492 | 081088 | 8.31 | 6.7 | | | | | | | |
| | | | 493 | 090188 | 8.22 | 5.4 | | | | | | | |
| | | | 494 | 091288 | 8.23 | 5.3 | | | | | | | |
| | | | 495 | 101288 | 8.23 | 5.9 | | | | | | | |
| 05579500 | Lake Fork near Cornland (DCN) | 214 | 465 | 062288 | 4.29 | 21 | 090888 | 3.68 | .86 | - | - | 0 | |
| | | | 466 | 071488 | 4.02 | 10 | | | | | | | |
| | | | 467 | 072888 | 3.93 | 6.4 | | | | | | | |
| | | | 468 | 080988 | 3.82 | 3.9 | | | | | | | |
| | | | 469 | 090888 | 3.68 | .86 | | | | | | | |
| | | | 470 | 091488 | 3.81 | 5.2 | | | | | | | |
| | | | 471 | 101888 | 4.04 | 5.6 | | | | | | | |
| 05580000 | Kickapoo Creek at Waynesville (DCN) | 227 | 476 | 061688 | 2.67 | 15 | 073188 | - | 0 | 073188 | - | 0 | |
| | | | 477 | 071288 | 2.30 | 2.6 | | | | | | | |
| | | | 478 | 080288 | 2.35 | 2.8 | | | | | | | |
| | | | 479 | 081088 | 2.37 | 2.6 | | | | | | | |
| | | | 480 | 090188 | 2.10 | .22 | | | | | | | |
| | | | 481 | 091488 | 2.09 | .15 | | | | | | | |
| | | | 482 | 101288 | 2.12 | .24 | | | | | | | |
| 05580500 | Kickapoo Creek near Lincoln (CSG) | 306 | 409 | 072888 | 2.03 | 0 | - | - | 0 | - | - | 0 | PARTIAL RECORD STA. |
| | | | 410 | 090888 | 2.30 | 0 | | | | | | | |
| 05580950 | Sugar Creek near | 34.4 | 132 | 071488 | 1.75 | 32 | 080888 | 1.14 | 7.2 | 080888 | 1.14 | 7.2 | |

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|-----------------------------------|------|-------------------------|--------|------|-----|----------------|------|-----|------------|-----|-----|---------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | Bloomington (DCN) | | 133 | 072888 | 1.47 | 17 | | | | | | | |
| | | | 134 | 081588 | 1.44 | 16 | | | | | | | |
| | | | 135 | 090688 | 1.40 | 16 | | | | | | | |
| | | | 136 | 101188 | 1.45 | 21 | | | | | | | |
| 05581500 | Sugar Creek near Hartsburg (CSG) | 333 | 412 | 072888 | .66 | 18 | - | - | - | 122263 | - | 4.9 | PARTIAL RECORD STA. |
| | | | 413 | 081088 | .67 | 17 | | | | | | | |
| | | | 414 | 090888 | .62 | 18 | | | | | | | |
| | | | 415 | 092188 | .86 | 33 | | | | | | | |
| 05582000 | Salt Creek near Greenvew (DCN) | 1864 | 466 | 061588 | 1.40 | 240 | NOT DETERMINED | - | - | 101463 | - | 46 | |
| | | | 467 | 072788 | 1.04 | 132 | | | | | | | |
| | | | 468 | 080988 | .92 | 85 | | | | | | | |
| | | | 469 | 090788 | .85 | 67 | | | | | | | |
| | | | 470 | 092088 | 1.00 | 109 | | | | | | | |
| | | | 471 | 101988 | .89 | 73 | | | | | | | |
| 05583000 | Sangamon River near Oakford (DCN) | 5093 | 514 | 071488 | 3.01 | 297 | 090988 | 2.68 | 179 | 013118 | - | 45 | |
| | | | 515 | 072688 | 2.93 | 290 | | | | | | | |
| | | | 516 | 081088 | 3.24 | 436 | | | | | | | |
| | | | 517 | 082588 | 2.88 | 254 | | | | | | | |
| | | | 518 | 092188 | 3.22 | 425 | | | | | | | |
| | | | 519 | 100288 | 2.75 | 219 | | | | | | | |
| 05584400 | Drowning Fork near Bushnell (CSG) | 26.3 | 240 | 072688 | 3.55 | 0 | - | - | 0 | - | - | 0 | PARTIAL RECORD STA. |
| | | | 241 | 080988 | 3.73 | .50 | | | | | | | |
| | | | 242 | 082488 | 3.65 | 0 | | | | | | | |
| 05584500 | La Moine River | 655 | 430 | 060288 | 2.90 | 30 | 080888 | 1.82 | .88 | 122155 | - | 0 | |

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|-------|-------------------------|--------|------|------|-------------|------|------|------------|-----|------|---|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | at Colmar (DCN) | | 431 | 072888 | 1.95 | 2.1 | | | | | | | |
| | | | 432 | 080988 | 1.90 | 1.4 | | | | | | | |
| | | | 433 | 082688 | 2.33 | 7.9 | | | | | | | |
| | | | 434 | 092188 | 2.05 | .80 | | | | | | | |
| | | | 435 | 102088 | 2.20 | .07 | | | | | | | |
| 05585000 | La Moine River Ripley (DCN) | 1293 | 631 | 060288 | 5.04 | 60 | 081788 | 4.60 | 9.6 | 102156 | - | 3.9 | GHT EFFECTED BY BACKWATER FROM BEAVER DAM |
| | | | 632 | 072888 | 4.25 | 17 | | | | | | | |
| | | | 633 | 080988 | 4.52 | 12 | | | | | | | |
| | | | 634 | 082688 | 4.88 | 16 | | | | | | | |
| | | | 635 | 092088 | 4.46 | 10 | | | | | | | |
| | | | 636 | 102088 | 4.14 | 10 | | | | | | | |
| | | | 637 | 103188 | 4.19 | 8.0 | | | | | | | |
| 05585500 | Illinois River at Meredosia (AVM) | 26028 | 634 | 062788 | 2.08 | 6080 | 082888 | 1.93 | 2020 | 090284 | - | 1330 | |
| | | | 635 | 071988 | 1.96 | 5710 | | | | | | | |
| | | | 636 | 081588 | 2.24 | 7340 | | | | | | | |
| | | | 637 | 092888 | 2.57 | 6640 | | | | | | | |
| | | | 638 | 102088 | 2.67 | 9020 | | | | | | | |
| | | | 639 | 110888 | 2.20 | 6860 | | | | | | | |
| 05586000 | NF Mauvaise Terre Cr near Jacksonville (CSG) | 29.1 | 269 | 072788 | - | 0 | - | - | 0 | - | - | 0 | PARTIAL RECORD STA. |
| | | | 270 | 081088 | - | 0 | | | | | | | |
| | | | 271 | 090588 | - | 0 | | | | | | | |
| 05586100 | Illinois River at Valley City (SED) | 26742 | | 101988 | 2.00 | 7320 | - | - | - | - | - | - | |
| | | | | 110988 | 2.02 | 6420 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mddyy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--|-------|-------------------------|--------|-------|-----|-------------|-------|-----|------------|-------|---|--|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05586500 | Hurricane Creek near Roodhouse (CSG) | 2.30 | | 071888 | - | 0 | - | - | - | - | - | 0 | PARTIAL RECORD STA. |
| | | | | 080888 | - | 0 | | | | | | | |
| | | | | 083088 | - | 0 | | | | | | | |
| | | | | 092088 | - | 0 | | | | | | | |
| | | | | 101188 | - | 0 | | | | | | | |
| 05587000 | Macoupin Creek near Kane (DCN) | 868 | 632 | 061088 | 3.59 | 19 | 092088 | 3.29 | 2.0 | 101955 | - | 0 | |
| | | | 633 | 062188 | 3.51 | 12 | | | | | | | |
| | | | 634 | 071888 | 3.44 | 9.7 | | | | | | | |
| | | | 635 | 080888 | 3.37 | 7.1 | | | | | | | |
| | | | 636 | 083088 | 3.40 | 6.2 | | | | | | | |
| | | | 637 | 092088 | 3.35 | 2.8 | | | | | | | |
| | | | 638 | 101188 | 3.32 | 2.9 | | | | | | | |
| 05587060 | Illinois River at Hardin (SCN) | 28690 | | 071988 | 19.16 | - | 070888 | 18.77 | - | 070888 | 18.77 | - | STAGE STATION. LOWEST STAGE=7.33 IN 1879 |
| | | | | 080988 | 19.00 | - | | | | | | | |
| | | | | 083188 | 19.22 | - | | | | | | | |
| | | | | 092188 | 19.16 | - | | | | | | | |
| | | | | 101288 | 18.93 | - | | | | | | | |
| 05587900 | Cahokia Creek at Edwardsville (DCN) | 212 | 216 | 062288 | 3.13 | .90 | 092588 | - | 0 | 092588 | - | 0 | MIN DAILY=0.24, 1976 |
| | | | 217 | 071988 | 3.08 | .79 | | | | | | | |
| | | | 218 | 080988 | 3.13 | .40 | | | | | | | |
| | | | 219 | 083188 | 3.16 | .42 | | | | | | | |
| | | | 220 | 092188 | 3.07 | .25 | | | | | | | |
| | | | 221 | 101288 | 3.01 | NIL | | | | | | | |
| 05588000 | Indian Creek at Wanda (DCN) | 36.7 | 529 | 060388 | 1.60 | .67 | 091188 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 530 | 062288 | 1.42 | .03 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddy);
GHT, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--------------------------------------|------|-------------------------|--------|------|-----|-------------|------|-----|------------|-----|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | | | 531 | 071988 | 1.38 | 0 | | | | | | | |
| | | | 532 | 080988 | 1.32 | 0 | | | | | | | |
| | | | 533 | 083188 | 1.33 | 0 | | | | | | | |
| | | | 534 | 092188 | 1.33 | 0 | | | | | | | |
| | | | 535 | 101288 | 1.26 | 0 | | | | | | | |
| 05590000 | Kaskaskia Ditch at Bondville (DCN) | 12.4 | 517 | 061088 | 2.64 | 1.3 | 080788 | 1.72 | .13 | 102984 | - | 0 | |
| | | | 518 | 072888 | 1.75 | .40 | | | | | | | |
| | | | 519 | 080988 | 1.82 | .19 | | | | | | | |
| | | | 520 | 091488 | 1.85 | .07 | | | | | | | |
| | | | 521 | 101288 | 1.96 | .10 | | | | | | | |
| 05590800 | Lake Fork at Atwood (DCN) | 149 | 155 | 071288 | 1.70 | 0 | 070188 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 156 | 072588 | 1.82 | 0 | | | | | | | |
| | | | 157 | 080588 | 1.80 | 0 | | | | | | | |
| | | | 158 | 080888 | 1.68 | 0 | | | | | | | |
| | | | 159 | 083088 | 1.35 | 0 | | | | | | | |
| | | | 160 | 091488 | 1.21 | 0 | | | | | | | |
| | | | 161 | 101888 | 1.79 | 0 | | | | | | | |
| 05591200 | Kaskaskia River at Cooks Mills (DCN) | 473 | 186 | 060888 | 2.08 | 48 | 070288 | 1.45 | 13 | 101086 | - | 3.2 | |
| | | | 187 | 071588 | 1.93 | 12 | | | | | | | |
| | | | 188 | 072688 | 1.94 | 14 | | | | | | | |
| | | | 189 | 081188 | 1.76 | 9.0 | | | | | | | |
| | | | 190 | 090688 | 2.13 | 17 | | | | | | | |
| | | | 191 | 091488 | 1.86 | 7.7 | | | | | | | |
| | | | 192 | 101788 | 2.50 | 9.0 | | | | | | | |
| 05591550 | Whitley Creek | 34.6 | 194 | 060788 | 2.64 | 4.4 | 080888 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddyy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---------------------------------------|------|-------------------------|--------|------|-----|-------------|------|-----|------------|-----|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | near Allenville (DCN) | | 195 | 071288 | 2.26 | .11 | | | | | | | |
| | | | 196 | 072588 | 2.24 | .11 | | | | | | | |
| | | | 197 | 080888 | DRY | 0 | | | | | | | |
| | | | 198 | 083088 | DRY | 0 | | | | | | | |
| | | | 199 | 091488 | DRY | 0 | | | | | | | |
| | | | 200 | 101788 | DRY | 0 | | | | | | | |
| 05591700 | West Okaw River near Lovington (DCN) | 112 | 109 | 060788 | 2.11 | 15 | 071288 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 110 | 071288 | DRY | 0 | | | | | | | |
| | | | 111 | 072588 | DRY | 0 | | | | | | | |
| | | | 112 | 080888 | DRY | 0 | | | | | | | |
| | | | 113 | 083088 | DRY | 0 | | | | | | | |
| | | | 114 | 091488 | DRY | 0 | | | | | | | |
| | | | 115 | 101788 | DRY | 0 | | | | | | | |
| 05592000 | Kaskaskia River at Shelbyville (DCN) | 1054 | 622 | 062288 | 0.39 | 14 | 070288 | .33 | 9.1 | - | - | 0 | REGULATED FLOW |
| | | | 623 | 081088 | 0.36 | 14 | | | | | | | |
| | | | 624 | 083188 | 0.38 | 14 | | | | | | | |
| | | | 625 | 092088 | 0.60 | 33 | | | | | | | |
| | | | 626 | 102088 | 0.59 | 31 | | | | | | | |
| 05592050 | Robinson Creek near Shelbyville (DCN) | 93.1 | 145 | 062288 | 1.28 | .67 | 082988 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 146 | 071988 | 1.31 | .34 | | | | | | | |
| | | | 147 | 081088 | 1.29 | .28 | | | | | | | |
| | | | 148 | 083188 | 1.25 | .16 | | | | | | | |
| | | | 149 | 092088 | 1.28 | .28 | | | | | | | |
| | | | 150 | 102088 | 1.30 | .20 | | | | | | | |
| 05592100 | Kaskaskia River | 1330 | 182 | 062288 | 1.63 | 24 | 083088 | 1.38 | 9.7 | 100684 | - | 4.6 | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|------|-------------------------|--------|------|-----|-------------|------|----|------------|-----|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | near Cowden (DCN) | | 183 | 071988 | 1.60 | 22 | | | | | | | |
| | | | 184 | 081088 | 1.54 | 20 | | | | | | | |
| | | | 185 | 083188 | 1.49 | 18 | | | | | | | |
| | | | 186 | 092088 | 1.80 | 56 | | | | | | | |
| | | | 187 | 102088 | 1.69 | 35 | | | | | | | |
| 05592500 | Kaskaskia River at Vandalia (DCN) | 1940 | 709 | 062488 | 2.49 | 48 | 082388 | 2.00 | 21 | 082211 | - | 3.5 | |
| | | | 710 | 072188 | 2.40 | 48 | | | | | | | |
| | | | 711 | 081188 | 2.28 | 40 | | | | | | | |
| | | | 712 | 090188 | 2.10 | 28 | | | | | | | |
| | | | 713 | 092288 | 2.39 | 55 | | | | | | | |
| | | | 714 | 101988 | 2.24 | 46 | | | | | | | |
| 05592600 | Hickory Creek near Bluff City (MMR) | 77.6 | 230 | 062488 | 4.49 | .05 | 092288 | - | 0 | - | - | 0 | |
| | | | 231 | 072188 | 4.54 | .08 | | | | | | | |
| | | | 232 | 081188 | 4.39 | 0 | | | | | | | |
| | | | 233 | 090188 | 4.43 | 0 | | | | | | | |
| | | | 234 | 092288 | 4.37 | 0 | | | | | | | |
| 05592800 | Hurricane Creek near Mulberry Grove (DCN) | 152 | 210 | 060988 | 2.85 | 5.9 | 081288 | - | 0 | 081288 | - | 0 | |
| | | | 211 | 062488 | 2.55 | 1.3 | | | | | | | |
| | | | 212 | 072188 | 2.57 | 1.8 | | | | | | | |
| | | | 213 | 081188 | 2.31 | .04 | | | | | | | |
| | | | 214 | 090188 | 2.25 | 0 | | | | | | | |
| | | | 215 | 092288 | 2.35 | 0 | | | | | | | |
| | | | 216 | 101988 | 2.36 | .28 | | | | | | | |
| 05592900 | EF Kaskaskia River near | 113 | 226 | 060988 | 2.18 | .24 | 082288 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 227 | 062088 | 2.14 | .15 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--|------|-------------------------|--------|------|-----|-------------|------|-----|------------|------|-----|---|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | Sandoval (DCN) | | 228 | 071588 | 1.85 | 0 | | | | | | | |
| | | | 229 | 080888 | 2.06 | .01 | | | | | | | |
| | | | 230 | 090188 | 1.74 | 0 | | | | | | | |
| | | | 231 | 091988 | 1.81 | 0 | | | | | | | |
| | | | 232 | 101888 | 2.25 | 1.4 | | | | | | | |
| 05593000 | Kaskaskia River at Carlyle (DCN) | 2734 | 617 | 062088 | 5.68 | 44 | 050388 | 5.01 | 6.8 | 050388 | 5.01 | 6.8 | |
| | | | 618 | 071588 | 5.96 | 85 | | | | | | | |
| | | | 619 | 080888 | 5.99 | 94 | | | | | | | |
| | | | 620 | 090288 | 5.95 | 106 | | | | | | | |
| | | | 621 | 091988 | 5.79 | 70 | | | | | | | |
| | | | 622 | 101888 | 5.24 | 10 | | | | | | | |
| 05593020 | Kaskaskia River near Posey (SCN) | | | 072188 | 7.30 | - | 051588 | 6.06 | - | - | - | - | STAGE STATION |
| | | | | 081088 | 6.89 | - | | | | | | | |
| | | | | 082588 | 6.81 | - | | | | | | | |
| | | | | 091988 | 6.73 | - | | | | | | | |
| | | | | 101488 | 6.24 | - | | | | | | | |
| 05593520 | Crooked Creek near Hoffman (DCN) | 254 | 134 | 062488 | 2.15 | .22 | 071188 | 2.03 | .01 | 071188 | 2.03 | .01 | |
| | | | 135 | 072188 | 2.68 | 21 | | | | | | | |
| | | | 136 | 081088 | 2.15 | 7.9 | | | | | | | |
| | | | 137 | 082588 | 2.29 | 7.9 | | | | | | | |
| | | | 138 | 091988 | 4.28 | 139 | | | | | | | |
| | | | 139 | 101488 | 2.05 | .70 | | | | | | | |
| 05593575 | Little Crooked Creek near New Minden (DCN) | 84.3 | 235 | 060888 | 4.94 | .26 | 082188 | - | 0 | - | - | 0 | NO FLOW AT TIMES MOST YEARS NO FLOW LAST YEAR |
| | | | 236 | 062488 | 4.96 | .31 | | | | | | | |
| | | | 237 | 072188 | 4.90 | .60 | | | | | | | |

Table 2.--Drought Discharge Measurements and Observations on Illinois streams for Drought of Summer 1988

[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|-------------------------------------|------|-------------------------|--------|------|-----|-------------|------|-----|------------|-----|----|---|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | | | 238 | 081088 | 4.66 | .19 | | | | | | | |
| | | | 239 | 082588 | 4.71 | .13 | | | | | | | |
| | | | 240 | 091988 | 8.10 | 106 | | | | | | | |
| | | | 241 | 101388 | 4.71 | .29 | | | | | | | |
| 05593600 | Blue Grass Creek near Raymond (CSG) | 17.3 | | 071588 | 1.68 | 0 | - | - | - | - | - | 0 | PARTIAL RECORD STA. |
| | | | | 080888 | - | 0 | | | | | | | |
| | | | | 082688 | - | 0 | | | | | | | |
| | | | | 092088 | - | 0 | | | | | | | |
| | | | | 101188 | - | 0 | | | | | | | |
| 05593900 | EF Shoal Creek near Coffeen (DCN) | 55.5 | 289 | 060688 | 2.54 | .30 | 071588 | - | 0 | - | - | 0 | NO FLOW MOST YEARS 0.02 LAST YEAR NO FLOW |
| | | | 290 | 062088 | 2.49 | .02 | | | | | | | |
| | | | 291 | 071588 | 2.19 | 0 | | | | | | | |
| | | | 292 | 080888 | 1.05 | 0 | | | | | | | |
| | | | 293 | 082688 | 1.06 | 0 | | | | | | | |
| | | | 294 | 092088 | 1.70 | 0 | | | | | | | |
| | | | 295 | 101188 | 0.45 | 0 | | | | | | | |
| 05594000 | Shoal Creek near Breese (DCN) | 735 | 485 | 060988 | 1.90 | 20 | 093088 | 1.33 | 1.0 | - | - | 0 | |
| | | | 486 | 062088 | 1.87 | 13 | | | | | | | |
| | | | 487 | 071588 | 1.88 | 5.8 | | | | | | | |
| | | | 488 | 080888 | 1.75 | 9.4 | | | | | | | |
| | | | 489 | 090288 | 1.73 | 7.9 | | | | | | | |
| | | | 490 | 091988 | 1.72 | 1.3 | | | | | | | |
| | | | 491 | 101888 | 2.07 | 47 | | | | | | | |
| 05594100 | Kaskaskia River near Venedy | 4393 | 208 | 060788 | 1.89 | 129 | 070188 | 1.24 | 74 | 091270 | - | 54 | |
| | | | 209 | 062388 | 1.40 | 91 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|----------------------------------|-----|-------------------------|--------|-------|-----|-------------|-------|-----|------------|-----|-----|---------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| | Station (DCN) | | 210 | 072788 | 2.05 | 174 | | | | | | | |
| | | | 211 | 081088 | 1.67 | 137 | | | | | | | |
| | | | 212 | 090888 | 1.62 | 134 | | | | | | | |
| | | | 213 | 092188 | 2.44 | 240 | | | | | | | |
| | | | 214 | 101788 | 1.23 | 97 | | | | | | | |
| 05594450 | Silver Creek near Troy (DCN) | 154 | 253 | 060388 | 3.28 | 1.6 | 082988 | 2.84 | .22 | - | - | 0 | |
| | | | 254 | 062388 | 3.42 | .53 | | | | | | | |
| | | | 255 | 072088 | 3.28 | 1.2 | | | | | | | |
| | | | 256 | 081088 | 3.00 | .51 | | | | | | | |
| | | | 257 | 082988 | 2.96 | .78 | | | | | | | |
| | | | 258 | 092188 | 3.00 | .01 | | | | | | | |
| | | | 259 | 101488 | 3.02 | NIL | | | | | | | |
| 05594800 | Silver Creek near Freeburg (DCN) | 464 | 198 | 060888 | 0.58 | 7.1 | 092888 | .32 | 2.8 | 091783 | - | .41 | |
| | | | 199 | 062388 | 0.62 | 12 | | | | | | | |
| | | | 200 | 072088 | 1.52 | 122 | | | | | | | |
| | | | 201 | 080988 | 0.43 | 7.4 | | | | | | | |
| | | | 202 | 082988 | 0.48 | 10 | | | | | | | |
| | | | 203 | 092288 | 0.63 | 16 | | | | | | | |
| | | | 204 | 101388 | 0.52 | 5.3 | | | | | | | |
| 05595200 | Richland Creek near Hecker (DCN) | 129 | 215 | 060888 | 24.74 | 13 | 090888 | 24.21 | 5.4 | 101776 | - | 4.2 | |
| | | | 216 | 062388 | 24.65 | 12 | | | | | | | |
| | | | 217 | 072088 | 28.20 | 212 | | | | | | | |
| | | | 218 | 081088 | 24.55 | 11 | | | | | | | |
| | | | 219 | 082988 | 24.40 | 7.8 | | | | | | | |
| | | | 220 | 092288 | 24.64 | 13 | | | | | | | |
| | | | 221 | 101388 | 24.40 | 8.3 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmdyy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|---|------|-------------------------|--------|------|--------|-------------|-----|--------|------------|------|-----|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05595700 | Big Muddy River near Mt. Vernon (MMR) | 71.9 | 221 | 060888 | 0.54 | .05 | 070988 | .24 | .01 | 100183 | 0.05 | - | |
| | | | 222 | 062388 | 0.38 | .01 | | | | | | | |
| | | | 223 | 072688 | 1.55 | 5.4 | | | | | | | |
| | | | 224 | 080888 | 1.40 | 6.1 | | | | | | | |
| | | | 225 | 082988 | 0.53 | .12 | | | | | | | |
| | | | 226 | 092288 | 0.94 | 1.7 | | | | | | | |
| | | | 227 | 101188 | 0.62 | .12 | | | | | | | |
| 05595730 | Rayse Creek near Waltonville (DCN) | 88.0 | 214 | 060888 | 0.57 | .20 | 070988 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 215 | 062188 | 0.45 | NIL | | | | | | | |
| | | | 216 | 072688 | 3.86 | 129 | | | | | | | |
| | | | 217 | 080988 | 0.51 | .06 | | | | | | | |
| | | | 218 | 082988 | 0.30 | 0 | | | | | | | |
| | | | 219 | 092188 | 1.02 | 2.9 | | | | | | | |
| | | | 220 | 101188 | 0.58 | .02 | | | | | | | |
| 05595765 | Big Muddy River Subimpoundment near Waltonville (SCN) | 217 | - | - | - | 091188 | 4.81 | - | 091186 | 5.20 | - | | |
| 05595820 | Casey Fork at Mt. Vernon (DCN) | 76.9 | 80 | 060888 | 1.36 | 2.7 | 083088 | .94 | .18 | 100685 | - | 1.2 | |
| | | | 81 | 062188 | 1.37 | 3.3 | | | | | | | |
| | | | 82 | 072688 | 1.75 | 11 | | | | | | | |
| | | | 83 | 080988 | 1.22 | 2.4 | | | | | | | |
| | | | 84 | 082988 | 1.21 | 2.0 | | | | | | | |
| | | | 85 | 091988 | 1.86 | 16 | | | | | | | |
| | | | 86 | 101988 | 1.70 | 2.3 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddyy);
Ght, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | | 1988 WY low | | | Record low | | | Remarks |
|----------------|--|------|-------------------------|--------|------|------|-------------|------|----|------------|------|---|-----------------------|
| | | | No. | Date | Ght | Q | Date | Ght | Q | Date | Ght | Q | |
| 05595860 | Casey Fork Sub-impoundment near Bonnie (SCN) | 133 | - | - | - | - | 090588 | 4.86 | - | 090486 | 5.37 | - | |
| 05597000 | Big Muddy River at Plumfield (DSS) | 794 | 659 | 062188 | 7.04 | 150 | 090588 | 6.25 | 34 | - | - | 0 | |
| | | | 660 | 072588 | 8.80 | 339 | | | | | | | |
| | | | 661 | 081088 | 6.66 | 85 | | | | | | | |
| | | | 662 | 090288 | 6.27 | 37 | | | | | | | |
| | | | 663 | 092288 | 8.28 | 298 | | | | | | | |
| | | | 664 | 101888 | 6.42 | 54 | | | | | | | |
| 05597500 | Crab Orchard Creek near Marion (DCN) | 31.7 | 399 | 060988 | 5.33 | .11 | 091188 | - | 0 | - | - | 0 | NO FLOW FOR MANY DAYS |
| | | | 400 | 062088 | 5.12 | .01 | | | | | | | |
| | | | 401 | 072088 | 7.99 | 85 | | | | | | | |
| | | | 402 | 080888 | 5.19 | .14 | | | | | | | |
| | | | 403 | 090288 | 4.64 | 0 | | | | | | | |
| | | | 404 | 092288 | 5.07 | 0 | | | | | | | |
| | | | 405 | 101488 | 5.07 | NIL | | | | | | | |
| 05599500 | Big Muddy River at Murphysboro (DSS) | 2169 | 740 | 073188 | 3.02 | 110 | 091088 | 2.70 | 66 | 081336 | - | 0 | |
| | | | 741 | 081088 | 3.02 | 132 | | | | | | | |
| | | | 742 | 082388 | 2.88 | 101 | | | | | | | |
| | | | 743 | 092288 | 6.58 | 1420 | | | | | | | |
| | | | 744 | 101388 | 2.99 | 130 | | | | | | | |
| 05600000 | Big Creek near Wetaug (CSG) | 32.2 | | 071988 | - | 0 | - | - | - | - | - | 0 | PARTIAL RECORD STA. |
| | | | EST | 080988 | - | 1.0 | | | | | | | |
| | | | | 082988 | - | 1.0 | | | | | | | |
| | | | 310 | 092088 | - | 6.9 | | | | | | | |

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[WY, water year; DA, drainage area, in square miles; No., measurement number; Date, month day year (mmddyy);
GHT, gage height, in feet; Q, discharge, in cubic feet per second]

| Station number | Station name (1) and type (2) | DA | Measurement/Observation | | | 1988 WY Low | | | Record low | | | Remarks | | |
|-------------------|----------------------------------|----|-------------------------|------|-----|-------------|-----|---|------------|-----|---|---------|--|--|
| | | | No. | Date | GHT | Date | GHT | Q | Date | GHT | Q | | | |
| | | | 101488 | | - | | | | | | | | | |

(1) - Abbreviations in station names: L, Little; MF, Middle Fork;
NB, North Branch; NF, North Fork; SF, South Fork; WB, West Branch;
WF, West Fork.

(2) - Station type: AVM, acoustic velocity meter; CSG, crest-stage gage;
DCN, discharge continuous; D7N, discharge continuous 7-month
operation; DSI, discharge continuous - Illinois River slope; DSS,
discharge continuous - slope; MMR, miscellaneous measurements and
rating; PVM, point velocity meter; SED, sediment; SCN, stage
continuous.