

**In cooperation with Kentucky Natural Resources and Environmental  
Protection Cabinet—Department for Environmental Protection—  
Division of Waste Management**

**Ground-Water Levels and Precipitation Data  
at the Maxey Flats Low-Level Radioactive  
Waste Disposal Site Near Morehead,  
Kentucky, October 1988—September 2000**

**Open-File Report 02-357**

# PRECIPITATION DATA

Precipitation at Maxey Flats gage located at USGS Site ID 381534083341802

[Total precipitation, in inches; daily sum values; ---, data not available]

| WATER YEAR OCTOBER 1988 TO SEPTEMBER 1989 |      |      |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
| 1   | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 0.01 | 0.24 |
| 2   | .01  | .01  | .00  | .00  | .43  | .00  | .18  | .00  | .00  | .02  | .01  | .00  |
| 3   | .00  | .20  | .00  | .00  | 1.01 | .00  | .04  | .00  | .26  | .32  | .00  | .00  |
| 4   | .01  | .10  | .00  | .00  | .00  | .01  | .81  | .45  | .03  | .60  | .00  | .00  |
| 5   | .00  | .91  | .00  | .22  | .00  | 2.73 | .01  | .17  | 2.02 | .01  | .24  | .00  |
| 6   | .00  | .18  | .00  | .29  | .00  | .29  | .18  | .10  | .01  | .00  | .19  | .00  |
| 7   | .00  | .00  | .02  | .03  | .00  | .00  | .00  | .00  | .07  | .00  | .00  | .00  |
| 8   | .00  | .05  | .01  | .60  | .00  | .00  | .44  | .00  | .04  | .00  | .00  | .00  |
| 9   | .00  | .00  | .00  | .00  | .00  | .00  | .00  | 1.21 | .83  | .00  | .00  | .00  |
| 10  | .00  | .40  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 11  | .00  | .00  | .00  | .40  | .00  | .00  | .00  | .00  | .00  | .40  | .00  | .00  |
| 12  | .00  | .00  | .00  | .48  | .00  | .00  | .00  | .00  | .07  | .00  | .00  | .00  |
| 13  | .00  | .22  | .01  | .00  | 2.18 | .14  | .00  | .00  | 1.00 | .53  | .00  | .00  |
| 14  | .00  | .00  | .01  | 1.08 | 1.07 | .00  | .09  | .08  | .02  | .00  | .00  | .72  |
| 15  | .00  | .00  | .00  | .00  | 3.05 | .04  | .18  | .81  | .77  | .00  | .00  | .68  |
| 16  | .09  | .03  | .00  | .00  | .25  | .00  | .00  | .01  | .00  | .00  | .01  | .70  |
| 17  | .01  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .05  | .00  |
| 18  | .29  | .00  | .00  | .00  | .00  | .39  | .44  | .00  | .00  | .00  | .33  | .00  |
| 19  | .00  | 2.15 | .00  | .00  | .00  | .00  | .11  | .01  | .58  | 2.08 | .00  | .00  |
| 20  | .00  | 1.63 | .00  | .00  | .79  | 1.17 | .00  | .49  | .25  | .00  | .05  | .00  |
| 21  | .78  | .00  | 1.08 | .00  | 1.19 | .29  | .00  | .00  | .00  | .16  | 1.97 | .00  |
| 22  | .26  | .00  | .00  | .00  | .00  | .00  | .00  | .19  | .06  | .00  | .02  | 1.00 |
| 23  | .34  | .00  | .64  | .00  | .00  | .00  | .00  | .36  | .00  | .03  | .05  | .75  |
| 24  | .00  | .00  | 1.17 | .00  | .00  | .00  | .00  | .00  | .00  | .09  | .33  | .00  |
| 25  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 26  | .00  | .12  | .00  | .18  | .02  | .00  | .18  | .26  | .00  | .00  | .00  | .00  |
| 27  | .00  | .19  | .00  | .00  | .00  | .00  | .44  | .10  | .04  | .02  | .00  | .00  |
| 28  | .08  | .00  | .60  | .00  | .00  | .00  | .03  | .00  | .04  | .00  | .00  | .00  |
| 29  | .00  | .00  | .00  | .04  | ---  | .43  | .50  | .00  | .00  | .00  | .00  | .00  |
| 30  | .00  | .00  | .00  | .18  | ---  | .25  | .00  | .00  | .00  | 1.15 | .00  | .00  |
| 31  | .00  | ---  | .02  | .00  | ---  | .64  | ---  | .00  | ---  | .00  | .00  | ---  |
| TOTAL                                     | 1.87 | 6.19 | 3.56 | 3.72 | 9.99 | 6.38 | 3.63 | 4.68 | 6.09 | 5.41 | 3.26 | 4.09 |

WATER YEAR 1989-TOTAL 58.87

| WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990 |      |      |      |      |      |      |      |      |      |      |      |     |
|---|------|------|------|------|------|------|------|------|------|------|------|-----|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP |
| 1   | 0.70 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.24 | 0.00 | 0.08 | 0.00 | --- |
| 2   | .00  | .00  | .00  | .00  | .12  | .05  | .01  | .07  | .06  | .00  | .00  | --- |
| 3   | .00  | .00  | .00  | .03  | .34  | .00  | .01  | .00  | .64  | .00  | .00  | --- |
| 4   | .00  | .00  | .00  | .10  | .12  | .00  | .00  | .71  | .00  | .00  | .30  | --- |
| 5   | .00  | .00  | ---  | .00  | .00  | .00  | .03  | .01  | .00  | .10  | .12  | --- |
| 6   | .15  | .00  | ---  | .00  | .00  | .00  | .03  | .22  | .28  | .16  | .00  | --- |
| 7   | .00  | .00  | ---  | .00  | .16  | .00  | .00  | .00  | .52  | .00  | .00  | --- |
| 8   | .00  | .83  | ---  | .01  | .00  | .06  | .00  | .00  | .00  | .00  | .00  | --- |
| 9   | .00  | .00  | ---  | .00  | 1.44 | .00  | .00  | .00  | .00  | .00  | .14  | --- |
| 10  | .15  | .00  | ---  | .00  | .18  | .00  | .13  | .03  | .00  | .00  | .24  | --- |
| 11  | .00  | .00  | ---  | .00  | .04  | .00  | .02  | .00  | .00  | .28  | .00  | --- |
| 12  | .00  | .00  | ---  | .00  | .01  | .00  | .00  | .05  | .00  | .92  | .00  | --- |
| 13  | .00  | .00  | ---  | .00  | .00  | .00  | .00  | .18  | .00  | .10  | .28  | --- |
| 14  | .00  | .00  | ---  | .00  | .00  | .00  | .19  | .00  | 1.56 | .20  | .00  | --- |
| 15  | .00  | .80  | ---  | .00  | .30  | .00  | .00  | .00  | .00  | .00  | .04  | --- |
| 16  | 2.10 | .05  | ---  | .07  | .06  | .12  | .00  | .17  | .00  | .00  | ---  | --- |
| 17  | .81  | .00  | ---  | .15  | .00  | .15  | .16  | .26  | .00  | .00  | ---  | --- |
| 18  | .16  | .00  | ---  | .01  | .00  | .00  | .01  | .00  | .00  | .00  | ---  | --- |
| 19  | .21  | .00  | .05  | .09  | .00  | .08  | .00  | .00  | .00  | .00  | ---  | --- |
| 20  | .10  | .00  | .00  | 1.18 | .00  | .01  | .03  | .06  | .02  | .00  | ---  | --- |
| 21  | .00  | .00  | .00  | .00  | .01  | .00  | .89  | 1.32 | .00  | .00  | ---  | --- |
| 22  | .00  | .00  | .00  | .00  | .01  | .00  | .00  | .22  | .44  | .96  | ---  | --- |
| 23  | ---  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .02  | .00  | ---  | --- |
| 24  | ---  | .00  | .00  | .00  | .01  | .03  | .00  | .00  | .04  | .00  | ---  | --- |
| 25  | ---  | .00  | .00  | .20  | .00  | .05  | .00  | .04  | .00  | .00  | ---  | --- |
| 26  | ---  | .00  | .06  | .00  | .00  | .00  | .00  | .26  | .00  | .00  | ---  | --- |
| 27  | ---  | .27  | .00  | .00  | .07  | .00  | .00  | .00  | .00  | .00  | ---  | --- |
| 28  | ---  | .00  | .00  | .01  | .00  | .00  | .16  | 1.90 | .00  | .00  | ---  | --- |
| 29  | ---  | .00  | .20  | 1.52 | ---  | .00  | .00  | .64  | .00  | .00  | ---  | --- |
| 30  | ---  | .00  | .45  | .01  | ---  | .23  | .00  | .00  | .00  | .30  | ---  | --- |
| 31  | .00  | ---  | .85  | .00  | ---  | .08  | ---  | .00  | ---  | .00  | ---  | --- |
| TOTAL                                     | ---  | 1.95 | ---  | 3.38 | 2.89 | .86  | 1.68 | 6.38 | 3.58 | 3.10 | ---  | --- |

WATER YEAR 1990-TOTAL incomplete

Precipitation at Maxey Flats gage located at USGS Site ID 381534083341802—Continued

[Total precipitation, in inches; daily sum values; ---, data not available]

| WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991 |      |      |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
| 1   | ---  | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | ---  | 0.12 | 0.00 | 0.00 |
| 2   | ---  | .00  | .24  | .00  | .00  | .00  | .00  | .00  | ---  | .88  | .00  | .02  |
| 3   | ---  | .00  | .86  | .00  | .00  | .53  | .00  | .00  | ---  | .00  | .00  | .87  |
| 4   | ---  | .00  | .00  | .00  | .00  | .10  | .08  | .00  | ---  | .59  | .00  | .33  |
| 5   | ---  | .34  | .00  | .23  | .64  | .00  | .10  | .02  | ---  | .00  | .00  | .06  |
| 6   | ---  | .00  | .00  | .81  | .54  | .60  | .00  | .09  | ---  | .00  | .00  | .00  |
| 7   | ---  | .00  | .00  | .24  | .08  | .00  | .00  | .00  | ---  | .00  | .00  | .00  |
| 8   | ---  | .00  | .00  | .09  | .00  | .00  | .09  | .29  | ---  | 1.72 | .02  | .00  |
| 9   | ---  | .86  | .00  | .02  | .00  | .00  | .31  | .29  | ---  | .00  | .50  | .00  |
| 10  | ---  | .28  | .00  | .22  | .00  | .00  | .00  | .00  | ---  | .80  | .00  | .97  |
| 11  | ---  | .00  | .00  | .18  | .00  | .00  | .00  | .00  | ---  | .05  | .00  | .00  |
| 12  | ---  | .00  | .02  | .01  | .00  | .50  | .31  | .03  | ---  | .76  | .00  | .00  |
| 13  | ---  | .00  | .00  | .01  | .57  | .28  | .28  | .00  | ---  | .06  | .11  | .03  |
| 14  | ---  | .00  | .00  | .01  | .62  | .00  | .02  | .00  | ---  | .00  | .00  | .00  |
| 15  | ---  | .00  | .70  | .05  | .00  | .00  | .30  | .00  | ---  | .00  | .00  | .00  |
| 16  | ---  | .18  | .00  | .07  | .00  | .00  | .00  | .32  | ---  | .00  | .00  | .00  |
| 17  | ---  | .00  | .40  | .01  | .15  | .55  | .00  | .00  | ---  | .00  | .22  | .00  |
| 18  | 0.00 | .00  | 2.38 | .00  | .57  | .14  | .00  | .25  | 0.69 | .05  | .00  | .12  |
| 19  | .00  | .00  | .00  | .00  | .13  | .00  | .66  | .00  | .12  | .05  | .27  | .07  |
| 20  | .00  | .00  | .02  | .10  | .11  | .03  | .00  | .00  | .00  | .00  | .00  | .00  |
| 21  | .00  | .00  | .20  | .00  | .00  | .19  | .00  | .00  | .03  | .00  | .00  | .00  |
| 22  | 1.84 | .88  | .33  | .00  | .00  | 2.37 | .00  | .00  | .74  | .00  | .00  | .00  |
| 23  | .12  | .00  | 1.38 | .00  | .00  | .00  | .05  | .00  | .00  | .00  | .00  | .05  |
| 24  | .00  | .00  | .00  | .00  | .00  | .00  | .18  | .00  | .00  | .00  | .00  | 1.31 |
| 25  | .02  | .00  | .00  | .00  | .02  | .00  | .00  | .00  | .00  | .21  | .00  | .43  |
| 26  | .00  | .00  | .00  | .00  | .00  | .63  | .00  | .00  | .00  | .00  | .00  | .00  |
| 27  | .00  | .00  | .06  | .13  | .01  | .49  | .31  | .21  | .00  | .00  | .00  | .00  |
| 28  | .00  | .40  | .32  | .06  | .00  | .00  | .01  | .00  | .00  | .00  | .00  | .00  |
| 29  | .00  | .00  | .00  | .00  | ---  | .03  | .07  | .00  | .26  | .00  | .00  | .00  |
| 30  | .00  | .00  | 2.32 | .28  | ---  | .13  | .00  | ---  | .00  | .00  | .00  | .00  |
| 31  | .00  | ---  | .00  | .00  | ---  | .00  | ---  | ---  | ---  | .00  | .10  | ---  |
| TOTAL                                     | ---  | 2.94 | 9.23 | 2.52 | 3.44 | 6.64 | 2.77 | ---  | ---  | 5.29 | 1.22 | 4.26 |

WATER YEAR 1991-TOTAL incomplete

| WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992 |      |      |      |      |      |     |     |     |      |      |      |      |
|---|------|------|------|------|------|-----|-----|-----|------|------|------|------|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR | APR | MAY | JUN  | JUL  | AUG  | SEP  |
| 1   | 0.00 | 0.00 | 0.63 | 0.00 | 0.00 | --- | --- | --- | ---  | 0.11 | 0.00 | 0.02 |
| 2   | .00  | .00  | 2.50 | .16  | .00  | --- | --- | --- | ---  | .00  | .00  | .00  |
| 3   | .15  | .00  | .00  | .34  | .00  | --- | --- | --- | ---  | .26  | 1.26 | .00  |
| 4   | .00  | .00  | .00  | .06  | .00  | --- | --- | --- | ---  | .00  | .00  | .00  |
| 5   | 1.12 | .00  | .00  | .00  | .00  | --- | --- | --- | ---  | .49  | .00  | .03  |
| 6   | .00  | .00  | .00  | .00  | .00  | --- | --- | --- | ---  | .00  | .00  | .00  |
| 7   | .00  | .00  | .00  | .00  | .00  | --- | --- | --- | ---  | .01  | .06  | .04  |
| 8   | .00  | .00  | .00  | .00  | .00  | --- | --- | --- | ---  | .04  | .19  | .00  |
| 9   | .00  | .00  | .53  | .19  | .00  | --- | --- | --- | ---  | .01  | .00  | .00  |
| 10  | .00  | .00  | .00  | .01  | .00  | --- | --- | --- | ---  | .00  | .01  | .00  |
| 11  | .00  | .00  | .00  | .00  | .00  | --- | --- | --- | ---  | .00  | .56  | .00  |
| 12  | .00  | .05  | .22  | .02  | .06  | --- | --- | --- | ---  | .09  | .00  | .00  |
| 13  | .00  | .00  | .57  | .03  | .81  | --- | --- | --- | ---  | .00  | .00  | .00  |
| 14  | .33  | .00  | .00  | .19  | .00  | --- | --- | --- | ---  | .00  | .00  | .00  |
| 15  | .00  | .04  | .00  | .00  | .25  | --- | --- | --- | ---  | .00  | .01  | .00  |
| 16  | .00  | .13  | .00  | .00  | .00  | --- | --- | --- | ---  | .08  | .00  | .00  |
| 17  | .00  | .00  | .00  | .00  | .04  | --- | --- | --- | ---  | .02  | .00  | .00  |
| 18  | .00  | .00  | .00  | .00  | .00  | --- | --- | --- | ---  | .11  | .00  | 1.05 |
| 19  | .00  | .04  | .00  | .00  | .01  | --- | --- | --- | 0.02 | .00  | .01  | .00  |
| 20  | .00  | .01  | .00  | .00  | .01  | --- | --- | --- | .00  | .00  | .00  | .00  |
| 21  | .00  | .07  | .24  | .00  | .00  | --- | --- | --- | .00  | .00  | .00  | .34  |
| 22  | .00  | 1.06 | .00  | .04  | .00  | --- | --- | --- | .00  | 1.31 | 1.07 | .69  |
| 23  | .15  | .00  | .82  | .51  | .33  | --- | --- | --- | .00  | .27  | .00  | .00  |
| 24  | .05  | .01  | .00  | .00  | .04  | --- | --- | --- | .42  | .37  | .00  | .00  |
| 25  | .00  | .00  | .00  | .01  | .08  | --- | --- | --- | .02  | .00  | .00  | .00  |
| 26  | .00  | .00  | .00  | .00  | .11  | --- | --- | --- | .03  | .38  | .01  | .04  |
| 27  | .30  | .00  | .00  | .00  | ---  | --- | --- | --- | .00  | 1.26 | .55  | .01  |
| 28  | .00  | .02  | .45  | .00  | ---  | --- | --- | --- | .00  | .00  | .39  | .00  |
| 29  | .00  | .00  | .04  | .00  | ---  | --- | --- | --- | .00  | .00  | .00  | .00  |
| 30  | .00  | .30  | .00  | .00  | ---  | --- | --- | --- | .00  | .86  | .00  | .00  |
| 31  | .00  | ---  | .00  | .00  | ---  | --- | --- | --- | ---  | .31  | .01  | ---  |
| TOTAL                                     | 2.10 | 1.73 | 6.00 | 1.56 | ---  | --- | --- | --- | ---  | 5.98 | 4.13 | 2.22 |

WATER YEAR 1992-TOTAL incomplete

Precipitation at Maxey Flats gage located at USGS Site ID 381534083341802—Continued

[Total precipitation, in inches; daily sum values; ---, data not available]

| WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993 |      |      |      |      |      |      |      |      |      |     |      |      |
|---|------|------|------|------|------|------|------|------|------|-----|------|------|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL | AUG  | SEP  |
| 1   | 0.00 | 0.45 | 0.00 | 0.00 | 0.00 | 0.02 | 0.12 | 0.00 | 0.00 | --- | ---  | 0.00 |
| 2   | .00  | .38  | .00  | .00  | .00  | .06  | .04  | .00  | .00  | --- | ---  | .47  |
| 3   | .00  | .00  | .00  | .01  | .00  | .16  | .00  | .09  | .00  | --- | ---  | 1.19 |
| 4   | .00  | .07  | .05  | 1.16 | .00  | .96  | .00  | .24  | 1.40 | --- | ---  | .01  |
| 5   | .00  | .10  | .00  | .05  | .00  | .01  | .05  | .00  | .00  | --- | ---  | .00  |
| 6   | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | --- | ---  | .00  |
| 7   | .00  | .00  | .00  | .00  | .00  | .11  | .00  | .00  | .00  | --- | ---  | .00  |
| 8   | .00  | .00  | .00  | .06  | .00  | .15  | .00  | .00  | .00  | --- | ---  | .00  |
| 9   | .20  | .00  | .07  | .00  | .00  | .00  | .18  | .00  | .03  | --- | ---  | .44  |
| 10  | .00  | .00  | .46  | .06  | .00  | .34  | .00  | .05  | .00  | --- | ---  | .00  |
| 11  | .00  | .30  | .10  | .26  | .36  | .01  | .00  | .00  | .08  | --- | ---  | .00  |
| 12  | .00  | .56  | .01  | .01  | .05  | .00  | .00  | .42  | .07  | --- | ---  | .00  |
| 13  | .00  | .00  | .00  | .05  | .02  | .00  | .00  | .00  | .01  | --- | ---  | .00  |
| 14  | .00  | .00  | .00  | .00  | .00  | .00  | .18  | .00  | .36  | --- | ---  | .00  |
| 15  | .00  | .01  | .00  | .00  | .00  | .07  | .33  | .00  | .00  | --- | ---  | .60  |
| 16  | .19  | .00  | .04  | .00  | .60  | .17  | .09  | .07  | .00  | --- | ---  | .00  |
| 17  | .00  | .00  | .53  | .00  | .00  | .32  | .00  | .00  | .00  | --- | ---  | .09  |
| 18  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .62  | .00  | --- | 0.01 | .00  |
| 19  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | --- | .00  | .00  |
| 20  | .00  | .00  | .55  | .00  | .04  | .11  | .01  | .00  | .00  | --- | .00  | .00  |
| 21  | .00  | .20  | .00  | .68  | 1.79 | .02  | .23  | .01  | .29  | --- | .00  | .00  |
| 22  | .00  | .44  | .00  | .00  | .00  | .01  | .00  | .00  | .01  | --- | .00  | .00  |
| 23  | .00  | .00  | .11  | .00  | .00  | .69  | .00  | .00  | .00  | --- | .00  | .10  |
| 24  | .00  | .39  | .00  | .41  | .00  | .00  | .41  | .00  | .27  | --- | .45  | .00  |
| 25  | .00  | .07  | .00  | .00  | .00  | .00  | .74  | .00  | .00  | --- | .00  | .23  |
| 26  | .00  | .00  | .00  | .00  | .07  | .00  | .39  | .00  | ---  | --- | .00  | .02  |
| 27  | .00  | .00  | .08  | .00  | .07  | .10  | .00  | .00  | ---  | --- | .00  | .06  |
| 28  | .00  | .00  | .03  | .00  | .06  | .10  | .00  | .00  | ---  | --- | .00  | .00  |
| 29  | .01  | .00  | .00  | .00  | ---  | .03  | .00  | .00  | ---  | --- | .00  | .00  |
| 30  | .07  | .00  | .00  | .00  | ---  | .00  | .00  | .17  | ---  | --- | .00  | .00  |
| 31  | .02  | ---  | .17  | .00  | ---  | .81  | ---  | .21  | ---  | --- | .00  | ---  |
| TOTAL                                     | .49  | 2.97 | 2.20 | 2.75 | 3.06 | 4.25 | 2.77 | 1.88 | ---  | --- | ---  | 3.21 |

WATER YEAR 1993—TOTAL incomplete

| WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994 |      |      |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
| 1   | 0.00 | 0.10 | 0.00 | 0.15 | 0.00 | 0.05 | 0.00 | 0.11 | 0.00 | 0.00 | 0.02 | 0.00 |
| 2   | .11  | .00  | .02  | .01  | .00  | .59  | .00  | .00  | .00  | .02  | .00  | .00  |
| 3   | .01  | .03  | .18  | .41  | .00  | .04  | .26  | .14  | .00  | .06  | .00  | .00  |
| 4   | .00  | .00  | 1.06 | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .33  | .00  |
| 5   | .00  | .11  | .24  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .81  | .04  |
| 6   | .00  | .00  | .00  | .71  | .00  | .00  | .63  | .09  | .00  | .02  | .00  | .00  |
| 7   | .00  | .00  | .00  | .77  | .00  | .41  | .00  | 1.93 | .85  | .00  | .00  | .00  |
| 8   | .00  | .00  | .00  | .00  | 1.22 | .39  | .00  | .00  | .00  | .00  | .00  | .00  |
| 9   | .25  | .00  | .00  | .00  | .83  | 1.17 | .00  | .00  | .05  | .03  | .00  | .00  |
| 10  | .00  | .00  | .37  | .00  | .00  | .03  | .22  | .00  | .00  | .00  | .00  | .00  |
| 11  | .00  | .00  | .00  | .28  | .01  | .23  | .22  | .00  | .00  | .00  | .00  | .00  |
| 12  | .00  | .00  | .00  | .16  | .41  | .10  | .08  | .00  | .00  | .00  | .00  | .00  |
| 13  | .00  | 1.25 | .00  | .01  | .27  | .13  | .00  | .00  | .00  | 1.34 | .00  | .00  |
| 14  | .04  | .80  | .28  | .00  | .23  | .00  | .00  | .25  | .00  | 2.00 | .09  | .00  |
| 15  | .00  | .08  | .09  | .00  | .00  | .00  | .98  | 1.35 | .00  | .50  | .00  | .00  |
| 16  | .99  | .00  | .00  | .00  | .00  | .00  | .01  | .00  | .00  | .00  | .00  | .00  |
| 17  | .19  | .83  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .71  |
| 18  | .00  | .01  | .06  | .00  | .00  | .18  | .00  | .00  | .00  | .00  | .13  | .00  |
| 19  | .39  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 20  | 1.35 | .00  | .09  | .00  | .25  | .00  | .00  | .00  | .00  | .00  | .07  | .00  |
| 21  | .10  | .00  | .00  | .00  | .13  | .16  | .12  | .00  | .00  | .18  | 1.62 | .00  |
| 22  | .00  | .00  | .00  | .00  | .90  | .00  | .00  | .00  | .00  | 1.09 | .00  | .00  |
| 23  | .00  | .00  | .00  | .45  | .14  | .00  | .00  | .00  | .00  | .03  | .00  | .00  |
| 24  | .00  | .00  | .00  | .01  | .10  | .24  | .00  | .00  | .53  | .00  | .00  | .03  |
| 25  | .00  | .00  | .00  | .35  | .01  | .00  | .00  | .00  | .00  | .00  | .00  | .01  |
| 26  | .00  | .44  | .00  | .08  | .00  | .26  | .09  | .07  | .98  | .06  | .00  | .04  |
| 27  | .00  | .40  | .05  | .80  | .00  | 1.40 | .44  | .00  | .02  | .13  | .04  | .01  |
| 28  | .00  | .00  | .00  | .53  | .00  | .27  | .41  | .00  | .00  | .00  | .00  | .01  |
| 29  | .00  | .00  | .00  | .00  | ---  | .03  | .58  | .00  | .08  | .12  | .06  | .00  |
| 30  | .23  | .00  | .00  | .00  | ---  | .00  | .02  | .00  | .00  | .00  | .00  | .01  |
| 31  | .22  | ---  | .03  | .00  | ---  | .10  | ---  | .00  | ---  | .00  | .15  | ---  |
| TOTAL                                     | 3.88 | 4.05 | 2.47 | 4.72 | 4.50 | 5.78 | 4.06 | 3.94 | 2.51 | 5.58 | 3.32 | .86  |

WATER YEAR 1994—TOTAL 45.67

Precipitation at Maxey Flats gage located at USGS Site ID 381534083341802—Continued

[Total precipitation, in inches; daily sum values; ---, data not available]

| WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995 |      |      |      |      |      |      |      |      |      |     |     |     |
|---|------|------|------|------|------|------|------|------|------|-----|-----|-----|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL | AUG | SEP |
| 1   | 0.00 | 0.26 | 0.00 | 0.18 | 0.01 | 0.00 | 0.00 | 1.08 | 0.03 | --- | --- | --- |
| 2   | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .09  | .04  | --- | --- | --- |
| 3   | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .21  | --- | --- | --- |
| 4   | .00  | .00  | .78  | .00  | .00  | .00  | .02  | .38  | .00  | --- | --- | --- |
| 5   | .00  | .00  | .03  | .00  | .00  | .44  | .00  | .02  | .00  | --- | --- | --- |
| 6   | .00  | .03  | .00  | 1.38 | .00  | .16  | .00  | .00  | .00  | --- | --- | --- |
| 7   | .00  | .00  | .00  | .02  | .00  | .01  | .00  | .00  | .00  | --- | --- | --- |
| 8   | .00  | .00  | .00  | .00  | .00  | .42  | .09  | .00  | .16  | --- | --- | --- |
| 9   | .31  | .05  | .33  | .00  | .00  | .01  | .27  | .76  | .50  | --- | --- | --- |
| 10  | .00  | .17  | 1.08 | .00  | .01  | .07  | .00  | .50  | .03  | --- | --- | --- |
| 11  | .00  | .00  | .00  | .27  | .00  | .00  | .00  | .00  | .62  | --- | --- | --- |
| 12  | .07  | .00  | .00  | .00  | .00  | .00  | .77  | .00  | .11  | --- | --- | --- |
| 13  | .77  | .00  | .00  | .00  | .00  | .00  | .00  | .15  | .00  | --- | --- | --- |
| 14  | .00  | .00  | .00  | .93  | .00  | .00  | .00  | .53  | .00  | --- | --- | --- |
| 15  | .00  | .05  | .00  | .24  | .82  | .00  | .00  | .00  | .00  | --- | --- | --- |
| 16  | .00  | .26  | .44  | .00  | .16  | .00  | .00  | .03  | .00  | --- | --- | --- |
| 17  | .00  | .00  | .00  | .00  | .00  | .00  | .31  | 1.43 | .17  | --- | --- | --- |
| 18  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | 1.72 | .00  | --- | --- | --- |
| 19  | .61  | .00  | .00  | .68  | .00  | .00  | .00  | .00  | .00  | --- | --- | --- |
| 20  | .13  | .00  | .00  | .00  | .00  | .35  | .43  | .00  | ---  | --- | --- | --- |
| 21  | .00  | .06  | .00  | .00  | .00  | .00  | .57  | .00  | ---  | --- | --- | --- |
| 22  | .01  | .00  | .00  | .00  | .01  | .00  | .00  | .01  | ---  | --- | --- | --- |
| 23  | .00  | .00  | .00  | .00  | .09  | .07  | .81  | .00  | ---  | --- | --- | --- |
| 24  | .00  | .00  | .00  | .00  | .00  | .00  | .02  | .00  | ---  | --- | --- | --- |
| 25  | .00  | .22  | .00  | .00  | .00  | .00  | .02  | .59  | ---  | --- | --- | --- |
| 26  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | ---  | --- | --- | --- |
| 27  | .00  | 1.29 | .00  | .00  | .19  | .10  | .01  | .00  | ---  | --- | --- | --- |
| 28  | .00  | .67  | .00  | 1.11 | .28  | .00  | .00  | .07  | ---  | --- | --- | --- |
| 29  | .00  | .00  | .00  | .00  | ---  | .00  | .00  | .00  | ---  | --- | --- | --- |
| 30  | .00  | .00  | .00  | .00  | ---  | .00  | .07  | .00  | ---  | --- | --- | --- |
| 31  | .00  | ---  | .03  | .00  | ---  | .00  | ---  | .00  | ---  | --- | --- | --- |
| TOTAL                                     | 1.90 | 3.06 | 2.69 | 4.81 | 1.57 | 1.63 | 3.39 | 7.36 | ---  | --- | --- | --- |

WATER YEAR 1995—TOTAL incomplete

| WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996 |     |     |     |      |      |      |      |      |      |      |      |      |
|---|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| DAY                                       | OCT | NOV | DEC | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
| 1   | --- | --- | --- | ---  | 0.00 | 0.00 | 0.21 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2   | --- | --- | --- | ---  | .00  | .13  | .00  | .15  | .17  | .03  | .00  | .00  |
| 3   | --- | --- | --- | ---  | .00  | .00  | .00  | .12  | .00  | .01  | .00  | .10  |
| 4   | --- | --- | --- | ---  | .00  | .00  | .37  | 1.22 | .11  | .00  | .00  | .00  |
| 5   | --- | --- | --- | ---  | .00  | .56  | .00  | 1.52 | .25  | .00  | .13  | .00  |
| 6   | --- | --- | --- | ---  | .00  | .47  | .00  | .00  | .00  | .00  | .00  | .00  |
| 7   | --- | --- | --- | ---  | .01  | .01  | .00  | .21  | .84  | .02  | .00  | .00  |
| 8   | --- | --- | --- | ---  | .24  | .00  | .00  | 1.09 | .07  | .29  | .57  | .00  |
| 9   | --- | --- | --- | ---  | .00  | .00  | .00  | .00  | .06  | .00  | .00  | .02  |
| 10  | --- | --- | --- | ---  | .00  | .00  | .00  | .04  | .00  | .00  | .00  | .00  |
| 11  | --- | --- | --- | ---  | .14  | .00  | .00  | .28  | .32  | .00  | .06  | .00  |
| 12  | --- | --- | --- | ---  | .00  | .00  | .00  | .00  | .09  | .00  | .57  | .38  |
| 13  | --- | --- | --- | ---  | .00  | .00  | .18  | .00  | .00  | .00  | .00  | .00  |
| 14  | --- | --- | --- | ---  | .00  | .00  | .01  | .00  | .10  | .76  | .00  | .00  |
| 15  | --- | --- | --- | ---  | .00  | .50  | .91  | 2.64 | .00  | 1.35 | .05  | .00  |
| 16  | --- | --- | --- | ---  | .03  | .18  | .27  | .00  | .00  | .00  | .07  | 1.55 |
| 17  | --- | --- | --- | ---  | .00  | .01  | .00  | .00  | .00  | .04  | .00  | .05  |
| 18  | --- | --- | --- | 1.25 | .00  | .00  | .00  | .00  | .17  | .05  | .00  | .00  |
| 19  | --- | --- | --- | .31  | .11  | .30  | .08  | .00  | .16  | .70  | .00  | .00  |
| 20  | --- | --- | --- | .00  | .23  | .05  | .92  | .00  | .00  | .00  | .11  | .00  |
| 21  | --- | --- | --- | .00  | .00  | .00  | .00  | .00  | .00  | .16  | .08  | .10  |
| 22  | --- | --- | --- | .00  | .00  | .08  | .10  | .00  | .73  | .00  | .00  | .00  |
| 23  | --- | --- | --- | .73  | .26  | .04  | 1.76 | .00  | .67  | .00  | .00  | .00  |
| 24  | --- | --- | --- | .81  | .07  | .00  | .00  | .39  | .27  | .00  | .01  | .00  |
| 25  | --- | --- | --- | .00  | .00  | .47  | .00  | .00  | .00  | .02  | .00  | .00  |
| 26  | --- | --- | --- | .11  | .06  | .00  | .00  | .56  | .00  | .00  | .00  | .00  |
| 27  | --- | --- | --- | .57  | .27  | .00  | .00  | 1.62 | .00  | .00  | .15  | .27  |
| 28  | --- | --- | --- | .00  | .01  | .62  | .01  | .11  | .00  | .01  | .01  | .94  |
| 29  | --- | --- | --- | .00  | .00  | .04  | .57  | .00  | .00  | .00  | .00  | .01  |
| 30  | --- | --- | --- | .00  | ---  | .00  | .29  | .00  | .00  | 1.49 | .00  | .00  |
| 31  | --- | --- | --- | .00  | ---  | .36  | ---  | .00  | ---  | 1.36 | .00  | ---  |
| TOTAL                                     | --- | --- | --- | ---  | 1.43 | 3.82 | 5.68 | 9.97 | 4.01 | 6.29 | 1.81 | 3.42 |

WATER YEAR 1996—TOTAL incomplete

Precipitation at Maxey Flats gage located at USGS Site ID 381534083341802—Continued

[Total precipitation, in inches; daily sum values; ---, data not available]

| WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997 |      |      |      |      |      |       |      |      |      |      |      |      |
|---|------|------|------|------|------|-------|------|------|------|------|------|------|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR   | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
| 1   | 0.00 | 0.01 | 0.58 | 0.00 | 0.00 | 4.56  | 0.00 | 0.39 | 0.14 | 0.02 | 0.00 | 0.00 |
| 2   | .06  | .00  | .00  | .00  | .00  | 1.42  | .00  | .12  | .08  | .00  | .00  | .00  |
| 3   | .00  | .00  | .00  | .00  | .08  | .81   | .00  | 1.57 | .01  | .00  | .00  | .03  |
| 4   | .00  | .00  | .00  | .00  | 1.04 | .00   | .00  | .00  | .00  | .01  | .00  | .00  |
| 5   | .00  | .00  | .16  | .58  | .00  | .54   | .01  | .01  | .00  | .00  | .00  | .00  |
| 6   | .00  | .14  | .00  | .00  | .00  | .06   | .04  | .02  | .00  | .00  | .00  | .00  |
| 7   | .00  | 1.18 | .00  | .00  | .11  | .00   | .00  | .00  | .01  | .00  | .00  | .00  |
| 8   | .00  | .30  | .03  | .00  | .01  | .00   | .02  | .27  | 1.11 | .00  | .19  | .21  |
| 9   | .06  | .14  | .00  | .39  | .02  | .19   | .00  | .02  | 1.30 | .41  | .00  | .43  |
| 10  | .00  | .00  | .00  | .06  | .00  | .02   | .00  | .00  | .00  | .00  | .23  | .46  |
| 11  | .00  | .00  | .02  | .00  | .01  | .00   | .00  | .00  | .08  | .00  | .00  | .00  |
| 12  | .00  | .00  | .79  | .00  | .02  | .00   | .44  | .00  | .64  | .00  | .08  | .00  |
| 13  | .00  | .00  | .01  | .00  | .08  | .15   | .00  | .00  | .63  | .00  | .46  | .00  |
| 14  | .00  | .00  | .00  | .00  | .21  | .15   | .00  | .27  | .16  | .00  | .10  | .00  |
| 15  | .00  | .00  | .00  | .15  | .00  | .00   | .00  | .28  | .00  | .00  | .27  | .00  |
| 16  | .00  | .00  | .50  | .15  | .03  | .00   | .11  | .00  | .30  | .00  | .00  | .00  |
| 17  | .00  | .52  | .77  | .00  | .00  | .00   | .01  | .04  | .19  | .00  | 1.79 | .00  |
| 18  | .97  | .17  | .05  | .00  | .03  | .74   | .03  | .00  | .21  | .03  | .04  | .00  |
| 19  | .00  | .00  | .00  | .00  | .04  | .01   | .04  | .24  | .01  | .00  | .22  | .00  |
| 20  | .00  | .00  | .00  | .00  | .00  | .00   | .00  | .05  | .00  | .00  | .27  | .61  |
| 21  | .00  | .27  | .00  | .00  | .61  | .00   | .14  | .00  | .00  | .72  | .00  | .00  |
| 22  | .00  | .00  | .02  | .39  | .56  | .00   | .00  | .00  | .00  | .02  | .00  | .00  |
| 23  | .40  | .00  | .04  | .00  | .00  | .00   | .05  | .04  | .00  | .00  | .00  | .02  |
| 24  | .00  | .00  | .67  | .42  | .00  | .00   | .00  | .00  | .00  | .00  | .00  | .05  |
| 25  | .08  | .76  | .00  | .06  | .00  | .86   | .00  | .55  | .00  | .00  | .54  | .00  |
| 26  | .12  | .13  | .00  | .00  | .22  | .03   | .00  | .54  | .84  | .00  | .00  | .00  |
| 27  | .00  | .00  | .03  | .29  | .49  | .00   | .89  | .00  | .02  | .67  | .00  | .00  |
| 28  | .16  | .00  | .00  | .26  | .00  | .69   | .03  | .08  | .00  | 2.31 | .00  | .02  |
| 29  | .00  | .00  | .04  | .00  | ---  | .07   | .00  | .06  | .89  | .00  | .09  | .08  |
| 30  | .37  | .70  | .01  | .00  | ---  | .14   | .00  | .00  | 1.18 | .00  | .00  | .00  |
| 31  | .00  | ---  | .00  | .01  | ---  | .06   | ---  | 1.53 | ---  | .00  | .00  | ---  |
| TOTAL                                     | 2.22 | 4.32 | 3.72 | 2.76 | 3.56 | 10.50 | 1.81 | 6.08 | 7.80 | 4.19 | 4.28 | 1.91 |

WATER YEAR 1997—TOTAL 53.15

| WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998 |      |     |      |      |      |      |      |      |      |      |      |      |
|---|------|-----|------|------|------|------|------|------|------|------|------|------|
| DAY                                       | OCT  | NOV | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
| 1   | 0.00 | --- | ---  | 0.00 | 0.00 | 0.00 | 0.68 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2   | .00  | --- | ---  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 3   | .00  | --- | ---  | .00  | .00  | .00  | .09  | .37  | .21  | .00  | .00  | .00  |
| 4   | .00  | --- | ---  | .00  | .01  | .18  | .20  | .22  | .10  | .31  | .00  | .00  |
| 5   | .00  | --- | ---  | .18  | .00  | .02  | .00  | .00  | .07  | .00  | .00  | .00  |
| 6   | .00  | --- | ---  | .19  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 7   | .00  | --- | ---  | 2.39 | .10  | .00  | .00  | 1.00 | .00  | .64  | .00  | .06  |
| 8   | .00  | --- | ---  | .15  | .12  | .36  | .29  | .00  | .00  | .08  | .00  | .01  |
| 9   | .00  | --- | ---  | .04  | .00  | .65  | .35  | .00  | .67  | .00  | .23  | .00  |
| 10  | .04  | --- | ---  | .00  | .00  | .00  | .11  | .01  | .21  | .00  | .01  | .00  |
| 11  | .00  | --- | ---  | .00  | .00  | .00  | .00  | .00  | .06  | .00  | .00  | .00  |
| 12  | .00  | --- | ---  | .14  | .00  | .00  | .00  | .00  | .32  | .00  | .00  | .00  |
| 13  | .03  | --- | ---  | .03  | .00  | .00  | .00  | .00  | .51  | .00  | .00  | .00  |
| 14  | .47  | --- | ---  | .00  | .00  | .00  | .09  | .00  | .04  | .27  | .11  | .00  |
| 15  | .00  | --- | ---  | .14  | .00  | .00  | .11  | .00  | .06  | .07  | .00  | .00  |
| 16  | .00  | --- | ---  | .00  | .19  | .00  | 1.43 | .00  | .51  | .81  | .00  | .00  |
| 17  | .00  | --- | 0.00 | .10  | .23  | .00  | .03  | .00  | .00  | .00  | .01  | .00  |
| 18  | .00  | --- | .01  | .00  | .14  | .33  | .44  | .00  | .00  | .26  | .15  | .04  |
| 19  | .00  | --- | .00  | .00  | .00  | .00  | .26  | .00  | .08  | .00  | .00  | .57  |
| 20  | .00  | --- | .00  | .00  | .08  | .37  | .00  | .29  | .00  | 2.11 | .00  | .00  |
| 21  | .00  | --- | .04  | .01  | .01  | .12  | .05  | .82  | .01  | .00  | .00  | 1.01 |
| 22  | .00  | --- | .41  | .25  | .00  | .00  | .34  | .08  | .93  | .93  | .00  | .00  |
| 23  | .00  | --- | .00  | .08  | .04  | .04  | .00  | 2.01 | .12  | .00  | .00  | .00  |
| 24  | ---  | --- | .50  | .00  | .00  | .00  | .00  | .42  | .00  | .00  | .00  | .00  |
| 25  | ---  | --- | .01  | .00  | .00  | .02  | .01  | .01  | .00  | .00  | .00  | .00  |
| 26  | ---  | --- | .00  | .00  | .00  | .00  | .03  | .01  | .00  | .00  | .00  | .00  |
| 27  | ---  | --- | .00  | .00  | .00  | .00  | .17  | .10  | .00  | .00  | .00  | .00  |
| 28  | ---  | --- | .00  | .00  | .16  | .01  | .00  | .00  | .00  | .00  | .00  | .00  |
| 29  | ---  | --- | .00  | .00  | ---  | .00  | .45  | .00  | 1.44 | .00  | .00  | .00  |
| 30  | ---  | --- | .00  | .00  | ---  | .00  | 1.96 | .00  | .39  | .92  | .00  | .00  |
| 31  | ---  | --- | .00  | .00  | ---  | .17  | ---  | .87  | ---  | .00  | .00  | ---  |
| TOTAL                                     | ---  | --- | ---  | 3.70 | 1.08 | 2.27 | 7.09 | 6.66 | 5.73 | 6.40 | .51  | 1.69 |

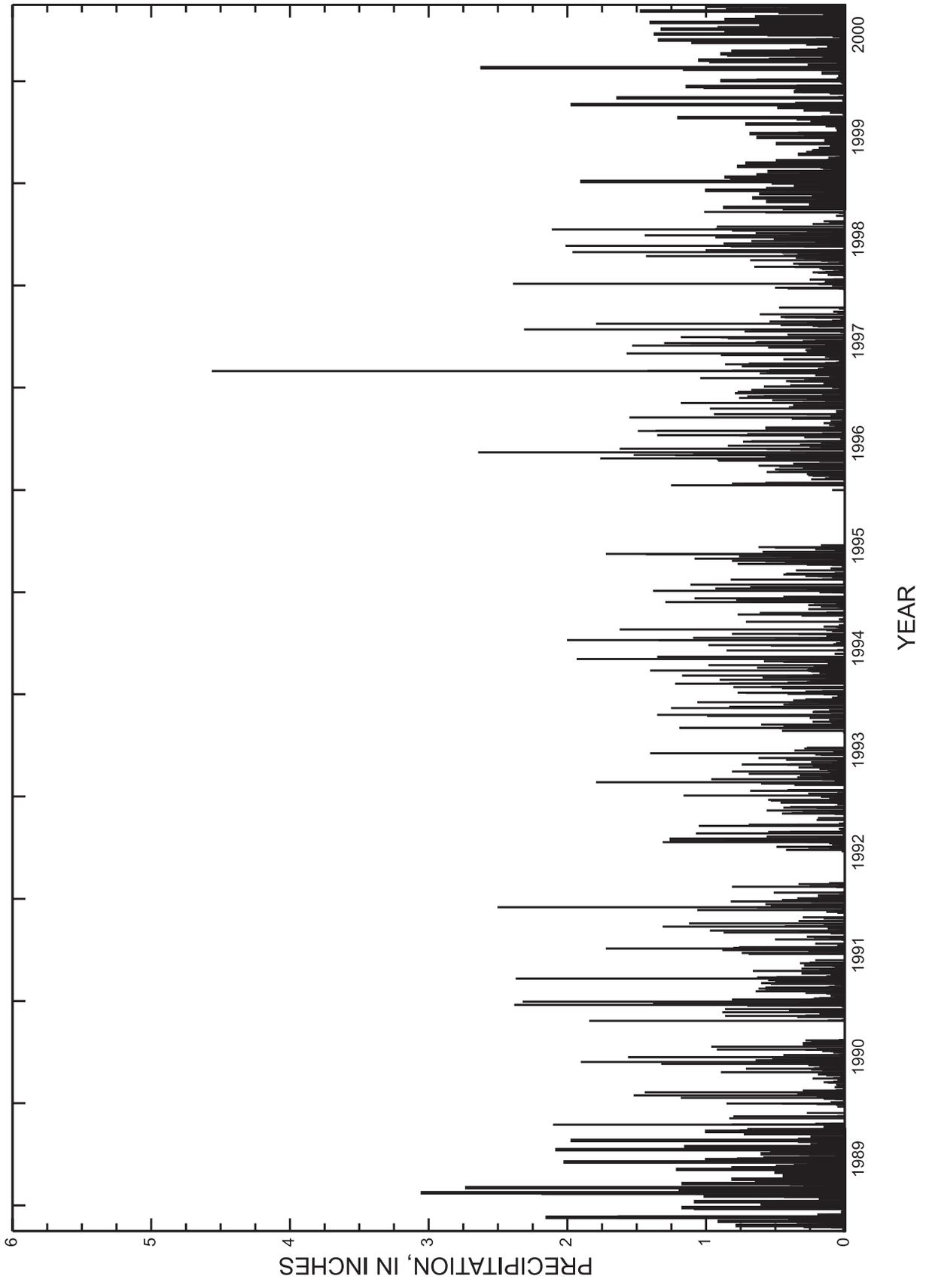
WATER YEAR 1998—TOTAL incomplete

Precipitation at Maxey Flats gage located at USGS Site ID 381524083341601

[Total precipitation, in inches; daily sum values; ---, data not available]

| WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999 |      |      |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
| 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 | 0.06 | 0.00 | 0.01 | 0.00 | 0.71 | 0.00 |
| 2   | .00  | .00  | .00  | .52  | .09  | .01  | .00  | .00  | .14  | .00  | .00  | .00  |
| 3   | .44  | .20  | .00  | .00  | .00  | .77  | .00  | .00  | .00  | .00  | .00  | .00  |
| 4   | .02  | .00  | .00  | .00  | .01  | .01  | .00  | .00  | .00  | .00  | .00  | .00  |
| 5   | .00  | .00  | .14  | .00  | .00  | .00  | .00  | .14  | .00  | .00  | .00  | .00  |
| 6   | .14  | .00  | .00  | .00  | .05  | .20  | .03  | .18  | .00  | .00  | .00  | .00  |
| 7   | .87  | .00  | 1.00 | .00  | .19  | .00  | .00  | .05  | .01  | .00  | .00  | .00  |
| 8   | .07  | .02  | .42  | 1.90 | .00  | .00  | .00  | .00  | .00  | .00  | .24  | .00  |
| 9   | .00  | .07  | .00  | .54  | .00  | .41  | .00  | .00  | .00  | .00  | .00  | .01  |
| 10  | .00  | .66  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .05  | .00  | .00  |
| 11  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 12  | .00  | .00  | .22  | .00  | .55  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 13  | .00  | .00  | .56  | .15  | .00  | .00  | .00  | .02  | .00  | .00  | .00  | .10  |
| 14  | .01  | .00  | .00  | .13  | .01  | .71  | .00  | .05  | .63  | .00  | .00  | .00  |
| 15  | .01  | .00  | .00  | .00  | .01  | .00  | .33  | .00  | .00  | .00  | .00  | .00  |
| 16  | .00  | .00  | .10  | .46  | .03  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 17  | .00  | .00  | .00  | .82  | .09  | .00  | .00  | .00  | .01  | .00  | .00  | .00  |
| 18  | .15  | .00  | .00  | .17  | .00  | .00  | .04  | .10  | .00  | .05  | .00  | .00  |
| 19  | .25  | .00  | .11  | .00  | .00  | .00  | .20  | .00  | .00  | .00  | .34  | .00  |
| 20  | .01  | .23  | .00  | .01  | .00  | .00  | .01  | .00  | .00  | .06  | .00  | .29  |
| 21  | .00  | .00  | .17  | .25  | .00  | .03  | .27  | .00  | .00  | .00  | .00  | .01  |
| 22  | .00  | .00  | .36  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 23  | .00  | .00  | .00  | .86  | .02  | .49  | .00  | .49  | .00  | .05  | .00  | .00  |
| 24  | .00  | .00  | .00  | .00  | .00  | .12  | .00  | .02  | .06  | .05  | 1.20 | .00  |
| 25  | .00  | .61  | .00  | .00  | .15  | .00  | .00  | .00  | .00  | .00  | .16  | .00  |
| 26  | .00  | .01  | .00  | .00  | .00  | .00  | .23  | .00  | .29  | .13  | .00  | .00  |
| 27  | .00  | .00  | .00  | .00  | .14  | .00  | .22  | .00  | .25  | .06  | .00  | .06  |
| 28  | .56  | .00  | .01  | .00  | .17  | .00  | .13  | .00  | .68  | .03  | .00  | .00  |
| 29  | .00  | .00  | .09  | .00  | ---  | .00  | .00  | .00  | .33  | .00  | .00  | .48  |
| 30  | .02  | .02  | .00  | .00  | ---  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 31  | .01  | ---  | .00  | .63  | ---  | .11  | ---  | .00  | ---  | .00  | .00  | ---  |
| TOTAL                                     | 2.56 | 1.82 | 3.18 | 6.44 | 1.83 | 2.86 | 1.52 | 1.05 | 2.41 | .48  | 2.65 | .95  |
| WATER YEAR 1999-TOTAL 27.75               |      |      |      |      |      |      |      |      |      |      |      |      |

| WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000 |      |      |      |      |      |      |      |      |      |      |      |      |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| DAY                                       | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
| 1   | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.01 | 0.00 | 0.00 | 0.07 | 0.03 |
| 2   | .00  | 1.64 | .00  | .01  | .03  | .00  | .16  | .12  | .01  | .00  | .00  | .47  |
| 3   | .00  | .04  | .02  | .89  | .03  | .00  | .84  | .00  | .00  | .23  | .55  | .00  |
| 4   | .41  | .00  | .04  | .63  | .00  | .00  | .15  | .08  | .00  | .00  | .43  | .00  |
| 5   | .00  | .00  | .35  | .00  | .00  | .00  | .00  | .00  | .03  | 1.32 | .00  | .00  |
| 6   | .00  | .00  | .01  | .00  | .03  | .00  | .00  | .00  | .00  | .00  | .00  | .00  |
| 7   | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .17  | .00  |
| 8   | .00  | .00  | .00  | .00  | .00  | .00  | .89  | .00  | .00  | .00  | .86  | 1.47 |
| 9   | 1.97 | .00  | .00  | .05  | .00  | .04  | .00  | .00  | .00  | .00  | .63  | .00  |
| 10  | .03  | .00  | 1.01 | .00  | .00  | .00  | .00  | .00  | .00  | .91  | .13  | .01  |
| 11  | .00  | .00  | .00  | .00  | .01  | .97  | .65  | .04  | .08  | .60  | .00  | .01  |
| 12  | .00  | .00  | .03  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .85  |
| 13  | .35  | .00  | 1.14 | .01  | 1.16 | .00  | .00  | .27  | .00  | .00  | .00  | .00  |
| 14  | .00  | .00  | .34  | .00  | .18  | .00  | .00  | .00  | .00  | .50  | .00  | .00  |
| 15  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .00  | .55  | .00  | .00  | .00  |
| 16  | .00  | .00  | .00  | .00  | .01  | 1.05 | .00  | .00  | .00  | .00  | .00  | .00  |
| 17  | .00  | .00  | .00  | .00  | .03  | .00  | .81  | .07  | 1.37 | .00  | .04  | .00  |
| 18  | .00  | .00  | .00  | .00  | 2.62 | .00  | .00  | .00  | .04  | .00  | .64  | .00  |
| 19  | .00  | .00  | .00  | .04  | .01  | .54  | .00  | 1.10 | .09  | .61  | .00  | .00  |
| 20  | .00  | .10  | .01  | .00  | .00  | .35  | .39  | .06  | .15  | .00  | .00  | .17  |
| 21  | .00  | .00  | .00  | .00  | .00  | .00  | .17  | .00  | .05  | .00  | .00  | .00  |
| 22  | .00  | .00  | .00  | .00  | .19  | .00  | .01  | .00  | .00  | .00  | .00  | .01  |
| 23  | .01  | .00  | .00  | .01  | .00  | .00  | .00  | .32  | .00  | .00  | .00  | .25  |
| 24  | .00  | .11  | .00  | .00  | .08  | .00  | .19  | .00  | .00  | .00  | .14  | .40  |
| 25  | .00  | .36  | .00  | .00  | .00  | .00  | .02  | .00  | .07  | .00  | .00  | .99  |
| 26  | .00  | .30  | .00  | .00  | .00  | .00  | .00  | .00  | .42  | .00  | .00  | .02  |
| 27  | .00  | .00  | .00  | .00  | .26  | .15  | .00  | 1.34 | .86  | .00  | .15  | .00  |
| 28  | .00  | .00  | .00  | .00  | .00  | .07  | .00  | .20  | .01  | .00  | .00  | .00  |
| 29  | .00  | .00  | .02  | .00  | .00  | .00  | .00  | .03  | .00  | 1.40 | .00  | .00  |
| 30  | .00  | .00  | .00  | .16  | ---  | .00  | .00  | .00  | .00  | .24  | .00  | .00  |
| 31  | .00  | ---  | .00  | .00  | ---  | .00  | ---  | .00  | ---  | .28  | .00  | ---  |
| TOTAL                                     | 2.77 | 2.55 | 2.97 | 1.80 | 4.64 | 3.22 | 4.28 | 3.64 | 3.73 | 6.09 | 3.81 | 4.68 |
| WATER YEAR 2000-TOTAL 44.18               |      |      |      |      |      |      |      |      |      |      |      |      |



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## SUMMARY

The U.S. Geological Survey, in cooperation with the Kentucky Natural Resources and Environmental Protection Cabinet—Department for Environmental Protection—Division of Waste Management, has an ongoing program to monitor water levels at the Maxey Flats low-level radioactive waste disposal site near Morehead, Kentucky. This report is a data compilation of ground-water-level and precipitation data that were collected from 112 wells and 1 rain gage at the Maxey Flats site during October 1988–September 2000. Data were collected on a semi-annual basis from 62 wells, continuously from 6 wells, and monthly or bimonthly from 44 wells (13 of which had continuous water-level recorders installed for the period October 1988–September 2000). One tipping-bucket rain gage was used to collect data at the Maxey Flats site for the period October 1988–September 2000. The data contained in this report and previously published reports are being used to help determine the effectiveness of the Maxey Flats remediation plans in decreasing the migration of radionuclides from the site. All data are available for retrieval from the USGS National Water Information System (NWIS) data base.

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