Rainfall Data
Allison
Station #19-023
Butler County

| Year | Monthly Rainfall in Inches | | | | | Wetness Evaluation | | | | | July slides April-June | | August slides May-July | | September slides June-August | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | April | May | June | July | August | April | May | June | July | August | Product | Eval | Product | Eval | Product | Eval |
| 1979 | 4.08 | 4.3 | 5.39 | 5.04 | 9.72 | 3 | 2 | 2 | 2 | 3 | 13 | N | 12 | N | 15 | W |
| 1980 | 0.96 | 3.87 | 5.23 | 2.92 | 13.26 | 1 | 2 | 2 | 1 | 3 | 11 | N | 9 | D | 13 | N |
| 1981 | 3.24 | 2.4 | 7.49 | 3.73 | 4.38 | 2 | 1 | 3 | 2 | 2 | 13 | N | 13 | N | 13 | N |
| 1982 | 2.32 | 5.36 | 1.96 | 6.65 | 3.44 | 2 | 3 | 1 | 3 | 2 | 11 | N | 14 | N | 13 | N |
| 1983 | 3.26 | 7.99 | 4.87 | 5.65 | 1.32 | 2 | 3 | 2 | 3 | 1 | 14 | N | 16 | W | 11 | N |
| 1984 | 5.49 | 4.33 | 7.88 | 3.03 | 0.74 | 3 | 2 | 3 | 2 | 1 | 16 | W | 14 | N | 10 | N |
| 1985 | 1.7 | 2.03 | 3.42 | 1.74 | 4.93 | 1 | 1 | 1 | 1 | 2 | 6 | D | 6 | D | 9 | D |
| 1986 | 2.99 | 4.86 | 3.01 | 5.89 | 3.83 | 2 | 2 | 1 | 3 | 2 | 9 | D | 13 | N | 13 | N |
| 1987 | 1.41 | 3.11 | 1.53 | 5.1 | 5.94 | 1 | 2 | 1 | 2 | 3 | 8 | D | 10 | N | 14 | N |
| 1988 | 2.4 | 1.1 | 4.45 | 3.16 | 3.47 | 2 | 1 | 2 | 2 | 2 | 10 | N | 11 | N | 12 | N |
| 1989 | 1.77 | 1.54 | 2.24 | 2.79 | 1.89 | 1 | 1 | 1 | 1 | 1 | 6 | D | 6 | D | 6 | D |
| 1990 | 4.39 | 4.26 | 7.01 | 9.69 | 4.87 | 3 | 2 | 3 | 3 | 2 | 16 | W | 17 | W | 15 | W |
| 1991 | 6.26 | 11.05 | 2.52 | 3.77 | 4.36 | 3 | 3 | 1 | 2 | 2 | 12 | N | 11 | N | 11 | N |
| 1992 | 3.65 | 1.53 | 2.48 | 6.94 | 2.94 | 2 | 1 | 1 | 3 | 2 | 7 | D | 12 | N | 13 | N |
| 1993 | 1.9 | 4.5 | 7.66 | 8.81 | 6.31 | 1 | 2 | 3 | 3 | 3 | 14 | N | 17 | W | 18 | W |
| 1994 | 2.25 | 4.08 | 7.04 | 5.36 | 5.17 | 2 | 2 | 3 | 3 | 2 | 15 | W | 17 | W | 15 | W |
| 1995 | 3.81 | 2.61 | 4.62 | 2.25 | 3.22 | 2 | 1 | 2 | 1 | 2 | 10 | N | 8 | D | 10 | N |
| 1996 | 1.12 | 4.54 | 4.58 | 2.98 | 4.86 | 1 | 2 | 2 | 1 | 2 | 11 | N | 9 | D | 10 | N |
| 1997 | 3.89 | 2.01 | 6.55 | 2.76 | 1.68 | 2 | 1 | 3 | 1 | 1 | 13 | N | 10 | N | 8 | D |
| 1998 | 3.69 | 4.44 | 8.24 | 1.33 | 7.88 | 2 | 2 | 3 | 1 | 3 | 15 | W | 11 | N | 14 | N |
| 1999 | 6.2 | 11.29 | 6.54 | 9.31 | 2.43 | 3 | 3 | 3 | 3 | 1 | 18 | W | 18 | W | 12 | N |
| 2000 | 2.55 | 4.96 | 5.72 | 5.37 | 2.15 | 2 | 2 | 2 | 3 | 1 | 12 | N | 15 | W | 11 | N |
| 2001 | 2.14 | 5.62 | 3.38 | 4.21 | 3.28 | 1 | 3 | 1 | 2 | 2 | 10 | N | 11 | N | 11 | N |
| 2002 | 4.32 | 2.76 | 2.87 | 3.92 | 7.78 | 3 | 1 | 1 | 2 | 3 | 8 | D | 9 | D | 14 | N |
| 2003 | 2.96 | 3.96 | 3.73 | 5.87 | 0.69 | 2 | 2 | 2 | 3 | 1 | 12 | N | 15 | W | 11 | N |
| 2004 | 1.22 | 9.06 | 2.27 | 3.19 | 3.49 | 1 | 3 | 1 | 2 | 2 | 10 | N | 11 | N | 11 | N |
| 2005 | 2 | 3.32 | 8.86 | 2.23 | 5.12 | 1 | 2 | 3 | 1 | 2 | 14 | N | 11 | N | 11 | N |
| 2006 | 5.01 | 2.87 | 5.35 | 3.61 | 2.64 | 3 | 2 | 2 | 2 | 2 | 13 | N | 12 | N | 12 | N |
| 2007 | 4.95 | 4.05 | 5.09 | 2.97 | 10.67 | 3 | 2 | 2 | 1 | 3 | 13 | N | 9 | D | 13 | N |
| 2008 | 9.45 | 5.28 | 8.52 | 5.18 | 1.65 | 3 | 3 | 3 | 2 | 1 | 18 | W | 15 | W | 10 | N |
| 2009 | 4.12 | 6.38 | 4.14 | 5.63 | 4.87 | 3 | 3 | 2 | 3 | 2 | 15 | W | 16 | W | 14 | N |
| 2010 | 2.63 | 4.45 | 8.14 | 9.66 | 2.45 | 2 | 2 | 3 | 3 | 1 | 15 | W | 17 | W | 12 | N |
| 2011 | 3.91 | 4.24 | 4.91 | 2.68 | 2.12 | 3 | 2 | 2 | 1 | 1 | 13 | N | 9 | D | 7 | D |
| 2012 | 3.71 | 4.15 | 2.02 | 1 | 1.2 | 2 | 2 | 1 | 1 | 1 | 9 | D | 7 | D | 6 | D |
| 2013 | 6.25 | 8.74 | 5.58 | 5.32 | 3.21 | 3 | 3 | 2 | 3 | 2 | 15 | W | 16 | W | 14 | N |
| 2014 | 5.31 | 3.62 | 9.05 | 2.11 | 2.30 | 3 | 2 | 3 | 1 | 1 | 16 | W | 11 | N | 8 | D |

Normals are for 1971-2000 data

* divisional data used

| | | |
|---|---|---|
| April | 3.25 | Normal: inside 30% chance values |
| May | 4.30 | Dry: < lower bound for 30% chance |
| June | 4.97 | Wet: > upper bound for 30% chance |
| July | 4.40 | |
| August | 4.31 | 1=Dry, 2=Normal, 3=Wet |

| Month | 30% chance Lower Bound - D | N | 30% chance Upper Bound - W |
|---|---|---|---|
| April | 2.21 | 3.25 | 3.89 |
| May | 2.81 | 4.30 | 5.17 |
| June | 3.51 | 4.97 | 5.89 |
| July | 2.99 | 4.40 | 5.25 |
| August | 2.50 | 4.31 | 5.24 |
| PGS-Apr-June | 8.53 | 12.52 | 14.95 |

Missing Data