

Weather Reports for Research Field Locations

Table 1. Precipitation at Ashland Bottoms, Belleville, and Colby

| Month | Ashland Bottoms | | Belleville | | Colby | |
|------------------|-----------------|-----------------|------------|-----------------|---------|-----------------|
| | 2016 | 30-year average | 2016 | 30-year average | 2016 | 30-year average |
| | ----- in. ----- | | | | | |
| January | 0.50 | 0.65 | 0.87 | 0.61 | 0.00 | 0.41 |
| February | 0.40 | 1.07 | 0.55 | 0.87 | 0.17 | 0.48 |
| March | 0.44 | 2.20 | 0.58 | 2.12 | 0.26 | 1.12 |
| April | 8.45 | 2.80 | 4.93 | 2.87 | 5.64 | 2.03 |
| May | 6.98 | 4.48 | 9.44 | 4.35 | 1.51 | 3.29 |
| June | 1.55 | 5.09 | 1.12 | 4.37 | 1.70 | 2.54 |
| July | 6.10 | 3.97 | 4.65 | 3.97 | 2.53 | 3.77 |
| August | 7.31 | 4.28 | 7.25 | 3.68 | 1.54 | 2.78 |
| September | 4.16 | 3.17 | 2.24 | 3.25 | 0.91 | 1.45 |
| October | 2.77 | 2.22 | 1.87 | 2.37 | 0.02 | 1.58 |
| November | 0.30 | 1.60 | 0.91 | 1.19 | 0.09 | 0.72 |
| December | 0.83 | 1.02 | 1.16 | 0.95 | 0.25 | 0.48 |
| Annual | 39.79 | 32.55 | 35.57 | 30.6 | 14.62 | 20.65 |
| Last freeze | 4/12/16 | | 4/13/16 | | 5/2/16 | |
| First freeze | 10/13/16 | | 10/13/16 | | 10/7/16 | |
| Frost free days | 184 | | 183 | | 158 | |
| Days above 90°F | 54 | | 45 | | 52 | |
| Days above 100°F | 4 | | 2 | | 3 | |
| Days below 10°F | 8 | | 12 | | 15 | |

Table 2. Precipitation at Conway Springs, Ellsworth, and Hays

| Month | Conway Springs | | Ellsworth | | Hays | |
|------------------|-----------------|-----------------|-----------|-----------------|---------|-----------------|
| | 2016 | 30-year average | 2016 | 30-year average | 2016 | 30-year average |
| | ----- in. ----- | | | | | |
| January | 0.16 | 0.82 | 0.89 | 0.62 | 0.36 | 0.51 |
| February | 0.60 | 1.37 | 1.06 | 1.06 | 0.21 | 0.67 |
| March | 1.09 | 3.06 | 0.86 | 2.35 | 0.43 | 1.74 |
| April | 5.86 | 3.08 | 6.31 | 2.43 | 6.94 | 2.21 |
| May | 6.17 | 4.51 | 7.90 | 4.50 | 2.72 | 3.19 |
| June | 2.09 | 5.17 | 2.50 | 3.93 | 3.15 | 3.38 |
| July | 3.94 | 3.55 | 6.13 | 3.63 | 3.11 | 4.34 |
| August | 6.12 | 3.51 | 8.75 | 3.94 | 4.66 | 3.08 |
| September | 12.55 | 2.69 | 1.17 | 3.05 | 1.29 | 2.10 |
| October | 1.91 | 2.88 | 0.62 | 2.20 | 0.64 | 1.61 |
| November | 0.26 | 1.79 | 0.86 | 1.11 | 1.13 | 0.90 |
| December | 0.95 | 1.14 | 1.00 | 0.93 | 0.38 | 0.61 |
| Annual | 41.7 | 33.57 | 38.05 | 29.75 | 25.02 | 24.34 |
| Last freeze | | | 4/13/16 | | 4/13/16 | |
| First freeze | | | 10/14/16 | | 10/7/16 | |
| Frost free days | | | 184 | | 177 | |
| Days above 90°F | | | 63 | | 65 | |
| Days above 100°F | | | 4 | | 11 | |
| Days below 10°F | | | 8 | | 9 | |

Table 3. Precipitation at Hutchinson, Manhattan, and McPherson

| Month | Hutchinson | | Manhattan | | McPherson | |
|------------------|-----------------|-----------------|-----------|-----------------|-----------|-----------------|
| | 2016 | 30-year average | 2016 | 30-year average | 2016 | 30-year average |
| | ----- in. ----- | | | | | |
| January | 0.63 | 0.79 | 0.55 | 0.63 | 0.78 | 0.79 |
| February | 0.53 | 1.25 | 0.34 | 1.08 | 0.65 | 1.19 |
| March | 0.99 | 2.58 | 0.36 | 2.49 | 0.84 | 2.69 |
| April | 4.56 | 2.70 | 7.94 | 3.17 | 4.91 | 2.87 |
| May | 6.57 | 4.68 | 5.94 | 5.09 | 6.48 | 4.98 |
| June | 4.00 | 4.57 | 1.27 | 5.70 | 3.55 | 4.95 |
| July | 5.04 | 4.09 | 6.96 | 4.42 | 6.77 | 3.94 |
| August | 8.06 | 3.36 | 5.89 | 4.12 | 5.38 | 3.60 |
| September | 4.92 | 2.66 | 6.18 | 3.43 | 7.52 | 2.86 |
| October | 0.60 | 2.44 | 2.17 | 2.69 | 1.53 | 2.45 |
| November | 0.44 | 1.32 | 0.43 | 1.73 | 0.55 | 1.43 |
| December | 0.83 | 1.17 | 0.75 | 1.07 | 1.32 | 1.04 |
| Annual | 37.17 | 31.61 | 38.78 | 35.62 | 40.28 | 32.79 |
| Last freeze | 4/12/16 | | 4/12/16 | | 4/13/16 | |
| First freeze | 11/12/16 | | 11/12/16 | | 11/12/16 | |
| Frost free days | 214 | | 214 | | 213 | |
| Days above 90°F | 64 | | 51 | | 51 | |
| Days above 100°F | 6 | | 5 | | 4 | |
| Days below 10°F | 7 | | 8 | | 7 | |

Table 4. Precipitation at Perry and Scandia

| Month | Perry | | Scandia | |
|------------------|-----------------|-----------------|----------|-----------------|
| | 2016 | 30-year average | 2016 | 30-year average |
| | ----- in. ----- | | | |
| January | 0.72 | 0.93 | 0.63 | 0.45 |
| February | 1.41 | 1.10 | 0.40 | 0.74 |
| March | 2.24 | 2.53 | 0.45 | 2.12 |
| April | 3.58 | 3.83 | 4.43 | 2.96 |
| May | 6.50 | 5.43 | 6.24 | 4.21 |
| June | 2.90 | 5.85 | 0.95 | 3.81 |
| July | 8.00 | 4.37 | 5.93 | 4.24 |
| August | 6.33 | 4.22 | 7.47 | 3.26 |
| September | 5.88 | 4.24 | 2.46 | 2.84 |
| October | 1.19 | 3.08 | 1.94 | 2.14 |
| November | 1.95 | 2.10 | 0.73 | 1.26 |
| December | 1.66 | 1.50 | 0.90 | 0.79 |
| Annual | 42.36 | 39.18 | 32.53 | 28.82 |
| Last freeze | 4/13/16 | | 4/12/16 | |
| First freeze | 10/13/16 | | 10/12/16 | |
| Frost free days | 183 | | 183 | |
| Days above 90°F | 25 | | 40 | |
| Days above 100°F | 0 | | 3 | |
| Days below 10°F | 48 | | 16 | |