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## Annual Summary of Weather Data for Parsons – 2017

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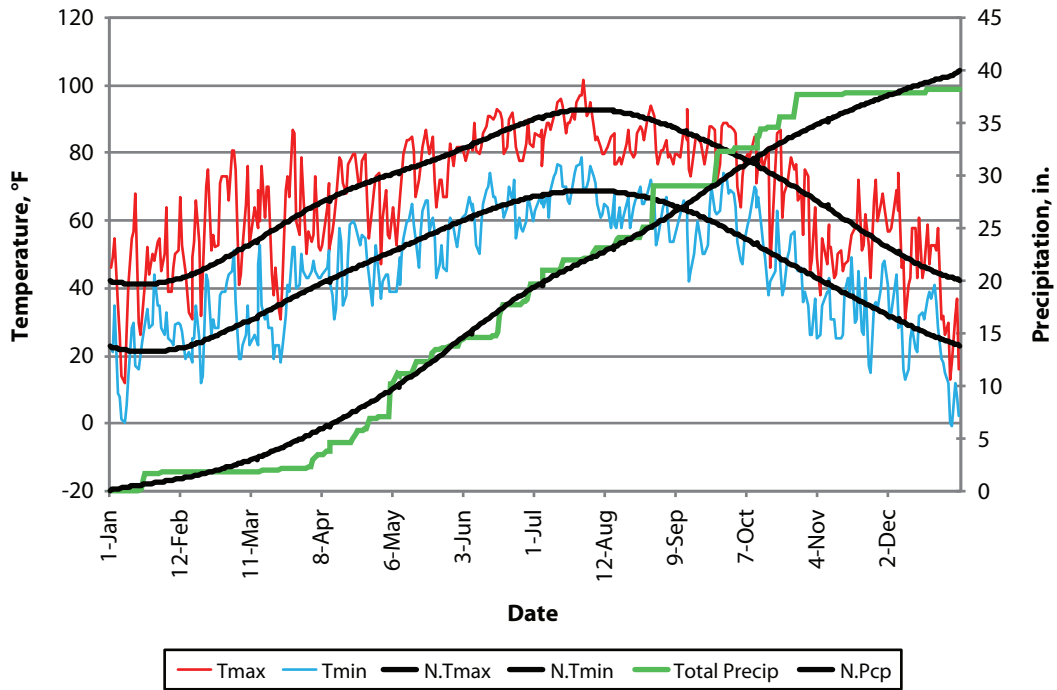
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### Annual Summary of Weather Data for Parsons – 2017



2018 SEARC AGRICULTURAL RESEARCH

2017 data

|           | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| Avg. Max  | 44.2 | 57.6 | 60.6 | 67.3 | 74.9 | 85.1 | 89.3 | 82.7 | 81.9 | 71.0 | 54.7 | 45.0 | 67.9   |
| Avg. Min  | 23.6 | 30.0 | 36.4 | 46.5 | 53.6 | 63.4 | 69.4 | 62.6 | 59.2 | 47.7 | 34.3 | 23.8 | 45.9   |
| Avg. Mean | 33.9 | 43.8 | 48.5 | 56.9 | 64.2 | 74.3 | 79.3 | 72.7 | 70.6 | 59.4 | 44.5 | 34.4 | 56.9   |
| Precip    | 1.72 | 0    | 1.64 | 3.8  | 7.13 | 5.48 | 3.35 | 5.97 | 3.61 | 5.08 | 0.15 | 0.28 | 38.17  |
| Snow      | 0.8  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0    | 0.6  | 1.4    |
| Heat DD*  | 963  | 594  | 521  | 266  | 120  | 0    | 0    | 0    | 31   | 236  | 615  | 949  | 4293   |
| Cool DD*  | 0    | 1    | 9    | 22   | 96   | 279  | 444  | 238  | 198  | 61   | 0    | 0    | 1346   |
| Rain Days | 6    | 0    | 9    | 13   | 12   | 12   | 8    | 7    | 6    | 8    | 3    | 2    | 86     |
| Min < 10  | 5    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 9      |
| Min < 32  | 25   | 17   | 11   | 1    | 0    | 0    | 0    | 0    | 0    | 3    | 13   | 21   | 91     |
| Max > 90  | 0    | 0    | 0    | 0    | 0    | 6    | 13   | 3    | 1    | 0    | 0    | 0    | 23     |

Normal values (1981-2010)

|           | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| Avg. Max  | 42.0 | 47.6 | 57.1 | 67.1 | 75.7 | 84.4 | 90.0 | 90.3 | 81.3 | 69.6 | 56.6 | 44.2 | 67.2   |
| Avg. Min  | 21.8 | 26.0 | 35.0 | 44.5 | 55.0 | 64.1 | 68.5 | 66.6 | 57.6 | 45.5 | 35.3 | 24.6 | 45.5   |
| Avg. Mean | 31.9 | 36.8 | 46.1 | 55.8 | 65.3 | 74.2 | 79.3 | 78.5 | 69.4 | 57.6 | 46   | 34.4 | 56.4   |
| Precip    | 1.41 | 1.77 | 3.19 | 4.38 | 5.93 | 5.53 | 3.92 | 3.29 | 4.69 | 3.86 | 2.94 | 2.06 | 42.97  |
| Snow      | 2.8  | 1.7  | 1.2  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.3  | 2.7  | 8.7    |
| Heat DD   | 1026 | 790  | 590  | 299  | 85   | 8    | 1    | 1    | 52   | 260  | 574  | 948  | 4632   |
| Cool DD   | 0    | 0    | 2    | 23   | 96   | 285  | 442  | 418  | 186  | 29   | 2    | 0    | 1483   |

Departure from normal

|           | Jan  | Feb   | Mar   | Apr   | May  | Jun   | Jul   | Aug  | Sep   | Oct  | Nov   | Dec   | Annual |
|-----------|------|-------|-------|-------|------|-------|-------|------|-------|------|-------|-------|--------|
| Avg. Max  | 2.2  | 10.0  | 3.5   | 0.2   | -0.8 | 0.7   | -0.7  | -7.6 | 0.6   | 1.4  | -1.9  | 0.8   | 0.7    |
| Avg. Min  | 1.8  | 4.0   | 1.4   | 2.0   | -1.4 | -0.7  | 0.9   | -4.0 | 1.6   | 2.2  | -1.0  | -0.8  | 0.5    |
| Avg. Mean | 2.0  | 7.0   | 2.4   | 1.1   | -1.1 | 0.1   | 0.0   | -5.8 | 1.1   | 1.8  | -1.5  | 0.0   | 0.6    |
| Precip    | 0.31 | -1.77 | -1.55 | -0.62 | 1.2  | -0.05 | -0.57 | 2.68 | -1.08 | 1.22 | -2.79 | -1.78 | -4.8   |
| Snow      | -2.8 | -1.7  | -1.2  | 0.0   | 0.0  | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | -0.3  | -2.7  | -8.7   |
| Heat DD   | -63  | -196  | -70   | -34   | 35   | -8    | -1    | -1   | -21   | -25  | 41    | 1     | -341   |
| Cool DD   | 0    | 1     | 7     | -1    | 0    | -7    | 2     | -180 | 12    | 32   | -2    | 0     | -137   |

\* Daily values were computed from mean temperatures. Each degree that a day's mean is below (or above) 65 F is counted for one heating (or cooling) degree day.