

Three Oaks Farms Precipitation Trends

Summary Statistics

Summary by Year

| Year | Total Precip | Precip Events | Mean Precip Event | Median Precip Event | Max Precip Event |
|------|--------------|---------------|-------------------|---------------------|------------------|
| 2013 | 39.98 | 69 | 0.58 | 0.39 | 3.33 |
| 2014 | 31.79 | 67 | 0.47 | 0.18 | 3.25 |
| 2015 | 30.58 | 72 | 0.42 | 0.24 | 2.60 |
| 2016 | 36.89 | 71 | 0.52 | 0.25 | 2.92 |
| 2017 | 29.20 | 62 | 0.47 | 0.18 | 2.01 |
| 2018 | 36.54 | 79 | 0.46 | 0.24 | 2.91 |

Summary by Month

| Month | Total Precip | Precip Events | Mean Precip Event | Median Precip Event | Max Precip Event |
|-------|--------------|---------------|-------------------|---------------------|------------------|
| Jan | 4.44 | 19 | 0.23 | 0.15 | 0.97 |
| Feb | 4.46 | 13 | 0.34 | 0.15 | 1.60 |
| Mar | 7.96 | 23 | 0.35 | 0.15 | 2.01 |
| Apr | 22.21 | 48 | 0.46 | 0.22 | 2.03 |
| May | 29.31 | 59 | 0.50 | 0.27 | 2.43 |
| Jun | 25.11 | 48 | 0.52 | 0.29 | 3.25 |
| Jul | 33.54 | 50 | 0.67 | 0.31 | 3.33 |
| Aug | 30.79 | 49 | 0.63 | 0.47 | 2.80 |
| Sep | 15.74 | 31 | 0.51 | 0.39 | 3.00 |
| Oct | 17.18 | 36 | 0.48 | 0.32 | 2.23 |
| Nov | 6.10 | 23 | 0.27 | 0.17 | 1.00 |
| Dec | 8.14 | 21 | 0.39 | 0.18 | 1.71 |

Summary by Month and Year

| Year | Month | Total Precip | Precip Events | Mean Precip Event | Median Precip Event | Max Precip Event |
|------|-------|--------------|---------------|-------------------|---------------------|------------------|
| 2013 | Jan | 0.74 | 4 | 0.18 | 0.14 | 0.45 |
| 2013 | Feb | 2.40 | 3 | 0.80 | 0.44 | 1.60 |
| 2013 | Mar | 1.76 | 5 | 0.35 | 0.41 | 0.72 |
| 2013 | Apr | 4.22 | 9 | 0.47 | 0.26 | 1.70 |
| 2013 | May | 3.95 | 7 | 0.56 | 0.39 | 1.74 |
| 2013 | Jun | 2.42 | 6 | 0.40 | 0.26 | 1.43 |
| 2013 | Jul | 9.92 | 13 | 0.76 | 0.67 | 3.33 |
| 2013 | Aug | 10.35 | 12 | 0.86 | 0.55 | 2.80 |
| 2013 | Sep | 1.14 | 3 | 0.38 | 0.45 | 0.55 |
| 2013 | Oct | 1.70 | 5 | 0.34 | 0.33 | 0.60 |
| 2013 | Nov | 0.53 | 1 | 0.53 | 0.53 | 0.53 |
| 2013 | Dec | 0.85 | 1 | 0.85 | 0.85 | 0.85 |
| 2014 | Jan | 0.21 | 2 | 0.10 | 0.10 | 0.15 |
| 2014 | Feb | 0.89 | 4 | 0.22 | 0.10 | 0.65 |

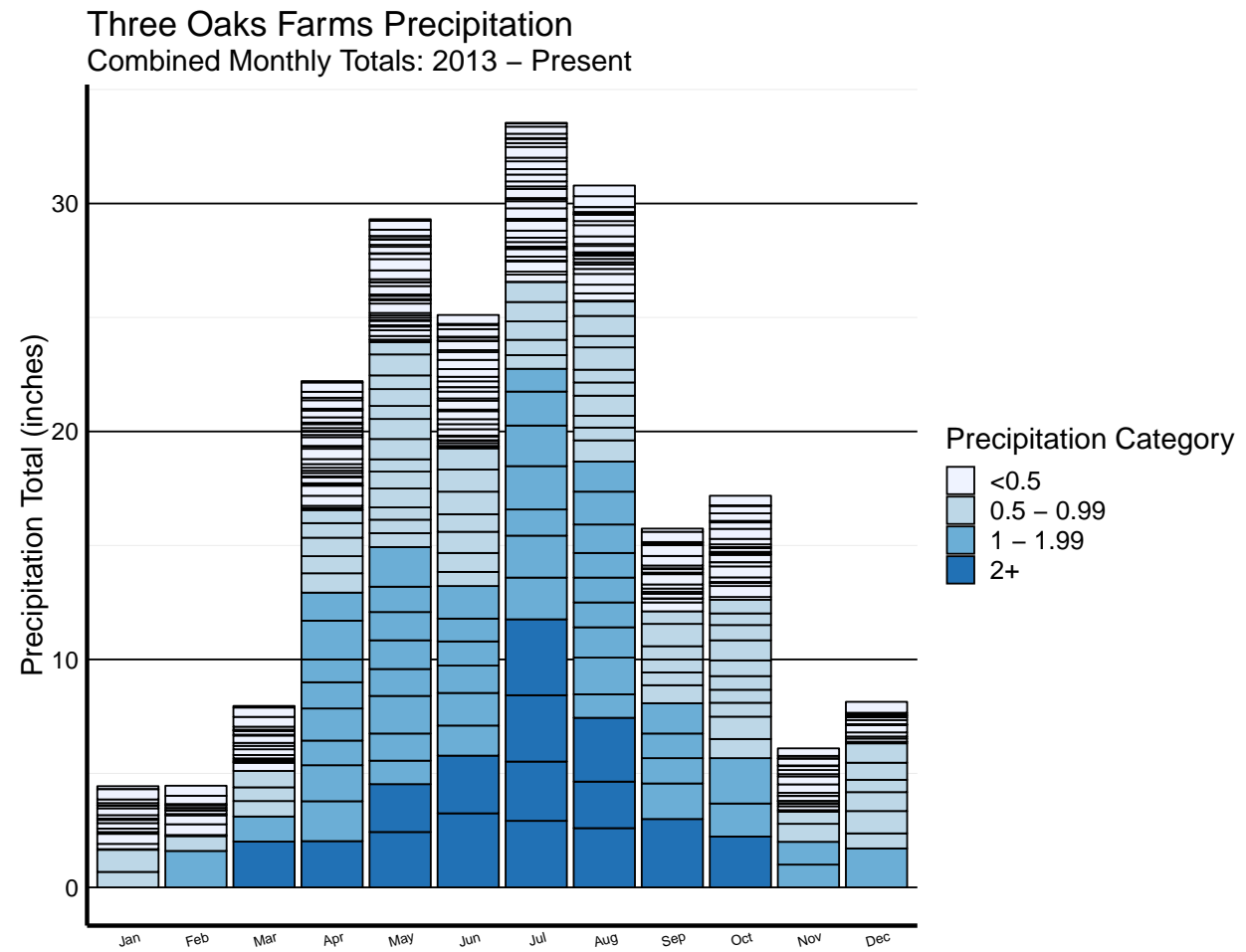
| Year | Month | Total Precip | Precip Events | Mean Precip Event | Median Precip Event | Max Precip Event |
|------|-------|--------------|---------------|-------------------|---------------------|------------------|
| 2014 | Mar | 0.36 | 2 | 0.18 | 0.18 | 0.32 |
| 2014 | Apr | 1.04 | 5 | 0.21 | 0.12 | 0.64 |
| 2014 | May | 3.76 | 6 | 0.63 | 0.18 | 2.10 |
| 2014 | Jun | 11.46 | 12 | 0.96 | 0.70 | 3.25 |
| 2014 | Jul | 2.02 | 6 | 0.34 | 0.16 | 1.15 |
| 2014 | Aug | 3.72 | 10 | 0.37 | 0.15 | 1.25 |
| 2014 | Sep | 4.01 | 7 | 0.57 | 0.15 | 3.00 |
| 2014 | Oct | 2.28 | 5 | 0.46 | 0.60 | 0.88 |
| 2014 | Nov | 0.28 | 2 | 0.14 | 0.14 | 0.18 |
| 2014 | Dec | 1.76 | 6 | 0.29 | 0.15 | 0.83 |
| 2015 | Jan | 0.53 | 3 | 0.18 | 0.15 | 0.24 |
| 2015 | Feb | 0.39 | 1 | 0.39 | 0.39 | 0.39 |
| 2015 | Mar | 0.13 | 1 | 0.13 | 0.13 | 0.13 |
| 2015 | Apr | 3.28 | 9 | 0.36 | 0.22 | 1.00 |
| 2015 | May | 7.71 | 16 | 0.48 | 0.38 | 1.65 |
| 2015 | Jun | 2.07 | 7 | 0.30 | 0.19 | 1.06 |
| 2015 | Jul | 3.63 | 8 | 0.45 | 0.31 | 1.84 |
| 2015 | Aug | 3.98 | 4 | 1.00 | 0.64 | 2.60 |
| 2015 | Sep | 1.03 | 5 | 0.21 | 0.14 | 0.58 |
| 2015 | Oct | 0.92 | 4 | 0.23 | 0.17 | 0.57 |
| 2015 | Nov | 3.88 | 10 | 0.39 | 0.28 | 1.00 |
| 2015 | Dec | 3.03 | 4 | 0.76 | 0.65 | 1.71 |
| 2016 | Jan | 0.75 | 3 | 0.25 | 0.23 | 0.44 |
| 2016 | Feb | 0.47 | 1 | 0.47 | 0.47 | 0.47 |
| 2016 | Mar | 0.74 | 7 | 0.11 | 0.08 | 0.25 |
| 2016 | Apr | 5.33 | 8 | 0.67 | 0.50 | 2.03 |
| 2016 | May | 5.67 | 12 | 0.47 | 0.17 | 2.43 |
| 2016 | Jun | 2.32 | 6 | 0.39 | 0.25 | 1.20 |
| 2016 | Jul | 7.42 | 10 | 0.74 | 0.26 | 2.92 |
| 2016 | Aug | 7.15 | 8 | 0.89 | 0.96 | 1.61 |
| 2016 | Sep | 3.32 | 4 | 0.83 | 0.82 | 1.11 |
| 2016 | Oct | 2.25 | 4 | 0.56 | 0.54 | 0.98 |
| 2016 | Nov | 0.39 | 3 | 0.13 | 0.11 | 0.17 |
| 2016 | Dec | 1.08 | 5 | 0.22 | 0.14 | 0.66 |
| 2017 | Jan | 1.68 | 3 | 0.56 | 0.68 | 0.97 |
| 2017 | Feb | 0.05 | 1 | 0.05 | 0.05 | 0.05 |
| 2017 | Mar | 3.65 | 4 | 0.91 | 0.64 | 2.01 |
| 2017 | Apr | 6.99 | 12 | 0.58 | 0.27 | 1.75 |
| 2017 | May | 4.16 | 11 | 0.38 | 0.16 | 1.19 |
| 2017 | Jun | 3.31 | 10 | 0.33 | 0.08 | 1.43 |
| 2017 | Jul | 2.28 | 4 | 0.57 | 0.22 | 1.83 |
| 2017 | Aug | 2.23 | 5 | 0.45 | 0.38 | 0.93 |
| 2017 | Sep | 2.90 | 4 | 0.72 | 0.59 | 1.56 |
| 2017 | Oct | 1.82 | 6 | 0.30 | 0.16 | 0.84 |
| 2017 | Nov | 0.07 | 1 | 0.07 | 0.07 | 0.07 |
| 2017 | Dec | 0.06 | 1 | 0.06 | 0.06 | 0.06 |
| 2018 | Jan | 0.53 | 4 | 0.13 | 0.11 | 0.30 |
| 2018 | Feb | 0.26 | 3 | 0.09 | 0.09 | 0.11 |
| 2018 | Mar | 1.32 | 4 | 0.33 | 0.11 | 1.10 |
| 2018 | Apr | 1.35 | 5 | 0.27 | 0.23 | 0.58 |
| 2018 | May | 4.06 | 7 | 0.58 | 0.60 | 1.24 |
| 2018 | Jun | 3.53 | 7 | 0.50 | 0.40 | 0.99 |

| Year | Month | Total Precip | Precip Events | Mean Precip Event | Median Precip Event | Max Precip Event |
|------|-------|--------------|---------------|-------------------|---------------------|------------------|
| 2018 | Jul | 8.27 | 9 | 0.92 | 0.34 | 2.91 |
| 2018 | Aug | 3.36 | 10 | 0.34 | 0.31 | 0.98 |
| 2018 | Sep | 3.34 | 8 | 0.42 | 0.24 | 1.33 |
| 2018 | Oct | 8.21 | 12 | 0.68 | 0.36 | 2.23 |
| 2018 | Nov | 0.95 | 6 | 0.16 | 0.14 | 0.33 |
| 2018 | Dec | 1.36 | 4 | 0.34 | 0.28 | 0.75 |

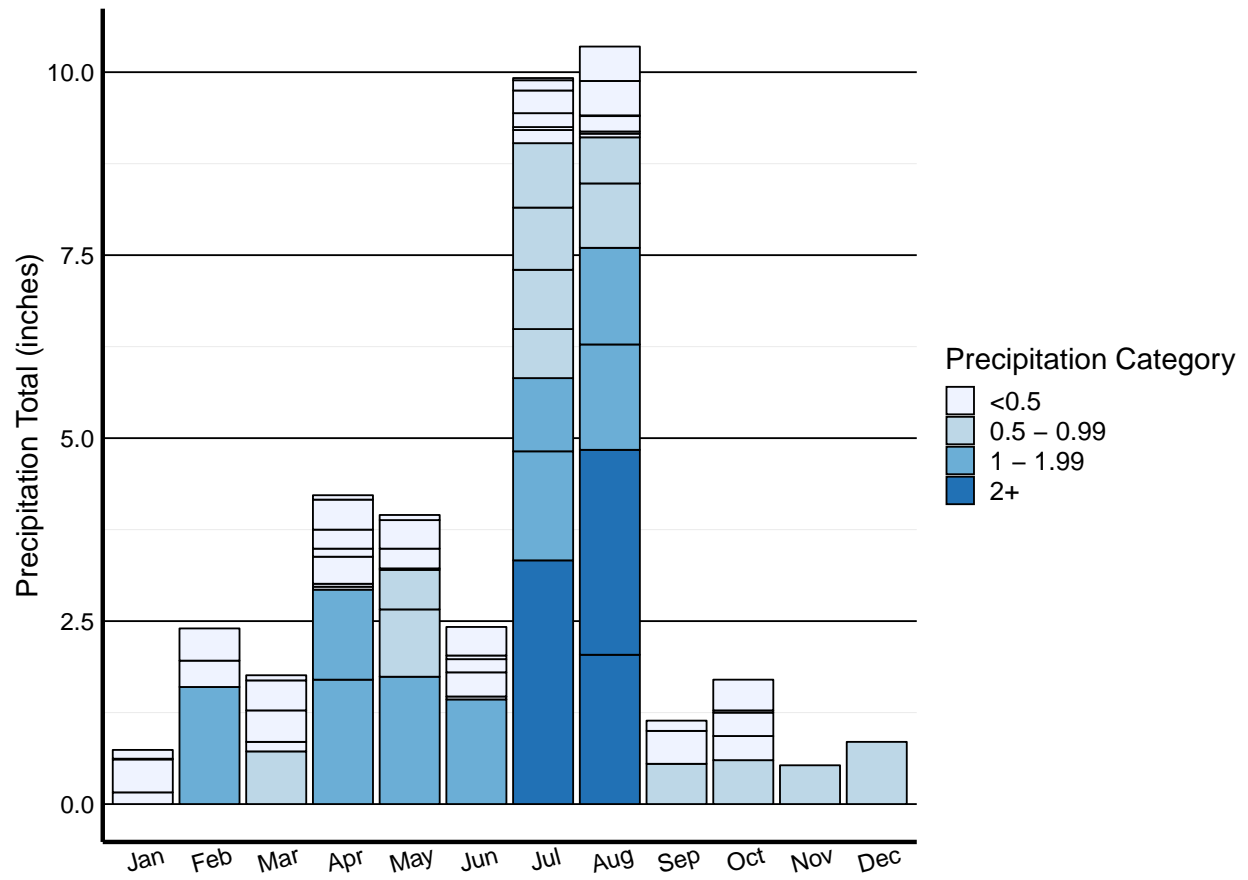
Monthly Averages

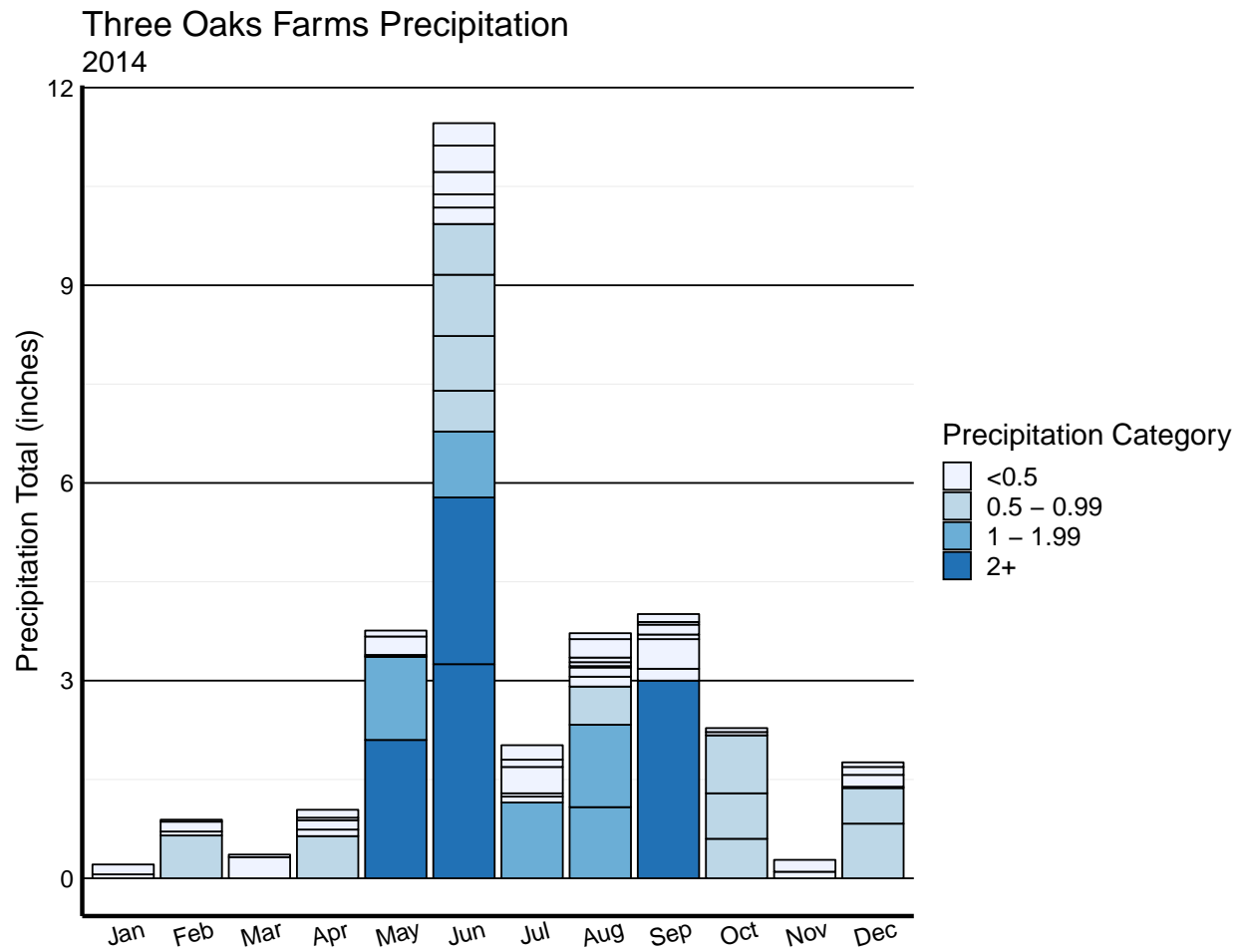
| Month | Monthly Average |
|-------|-----------------|
| Jan | 0.74 |
| Feb | 0.74 |
| Mar | 1.33 |
| Apr | 3.70 |
| May | 4.88 |
| Jun | 4.18 |
| Jul | 5.59 |
| Aug | 5.13 |
| Sep | 2.62 |
| Oct | 2.86 |
| Nov | 1.02 |
| Dec | 1.36 |

Plots

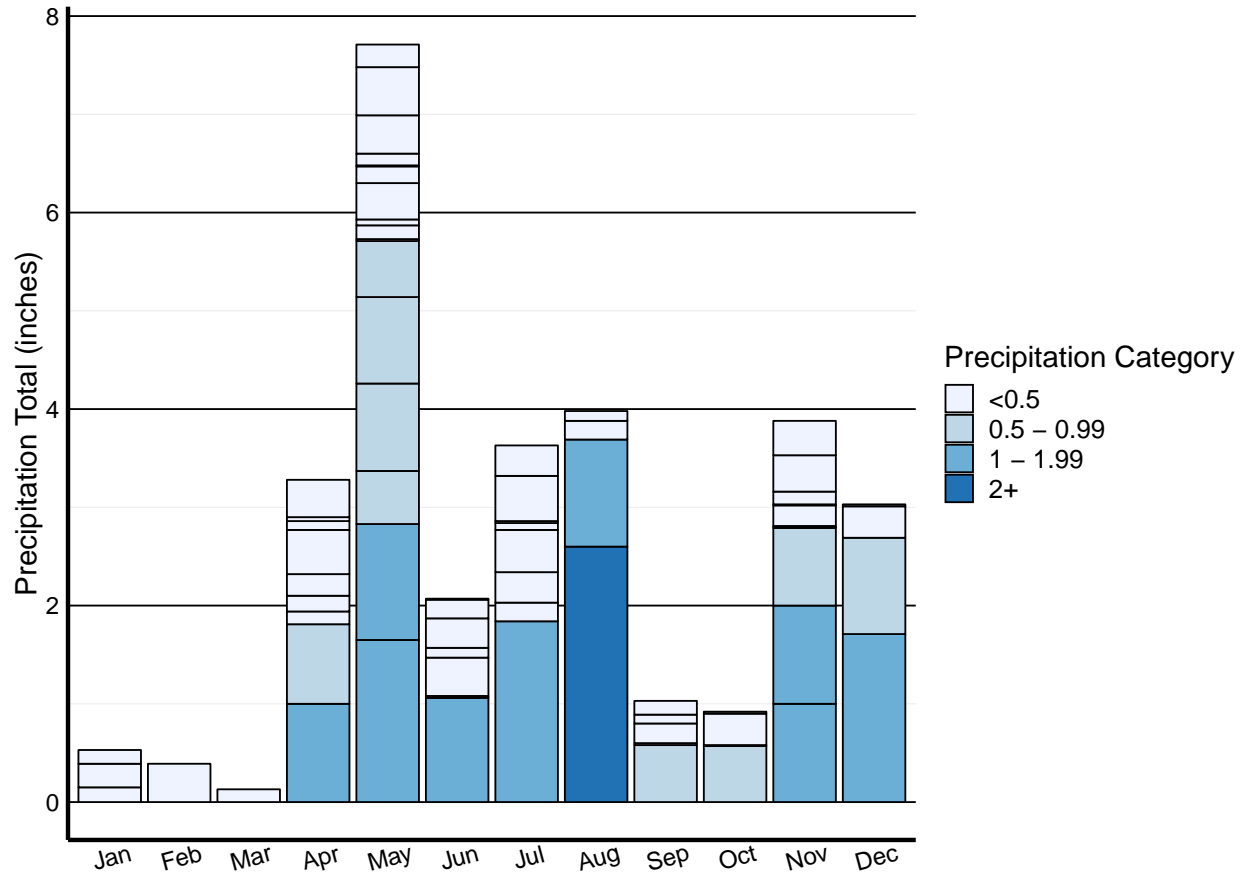


Three Oaks Farms Precipitation 2013

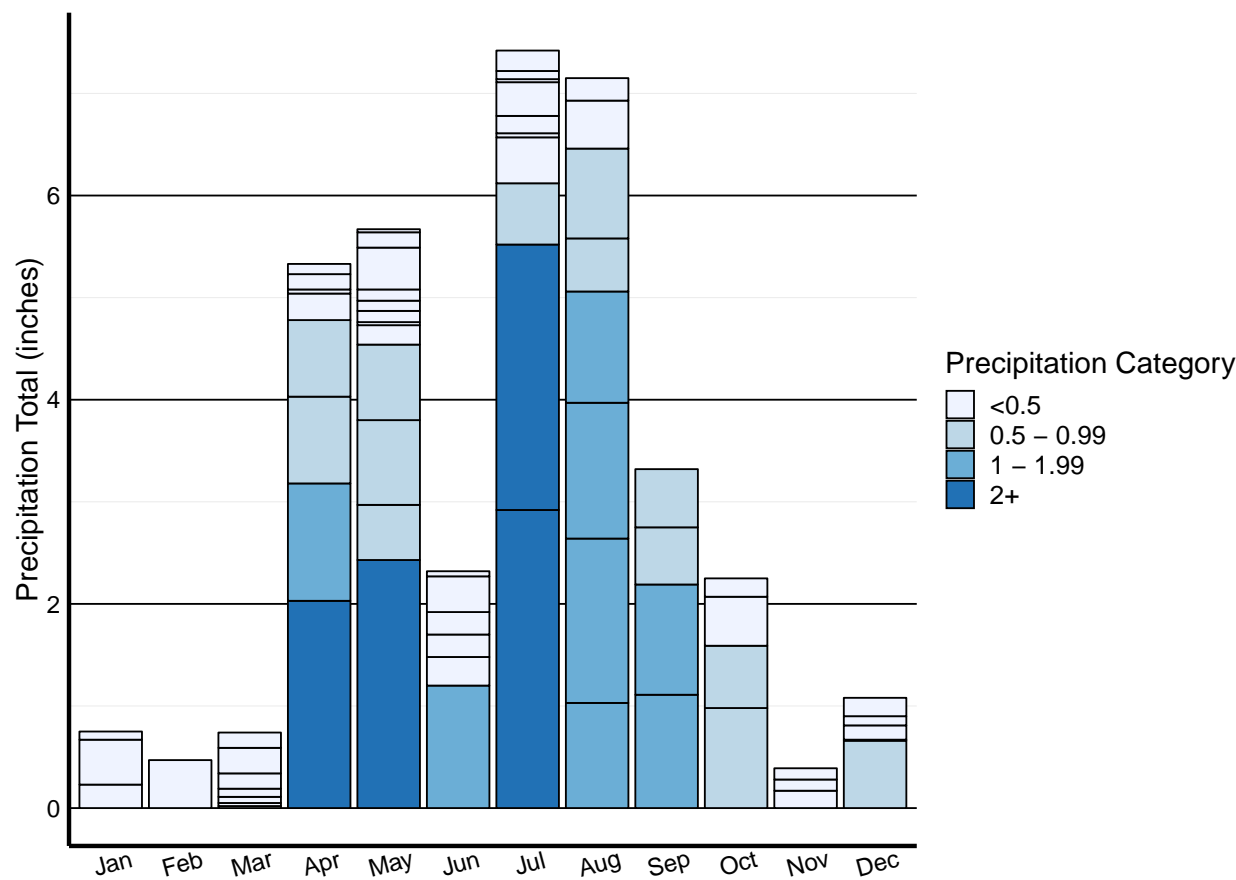




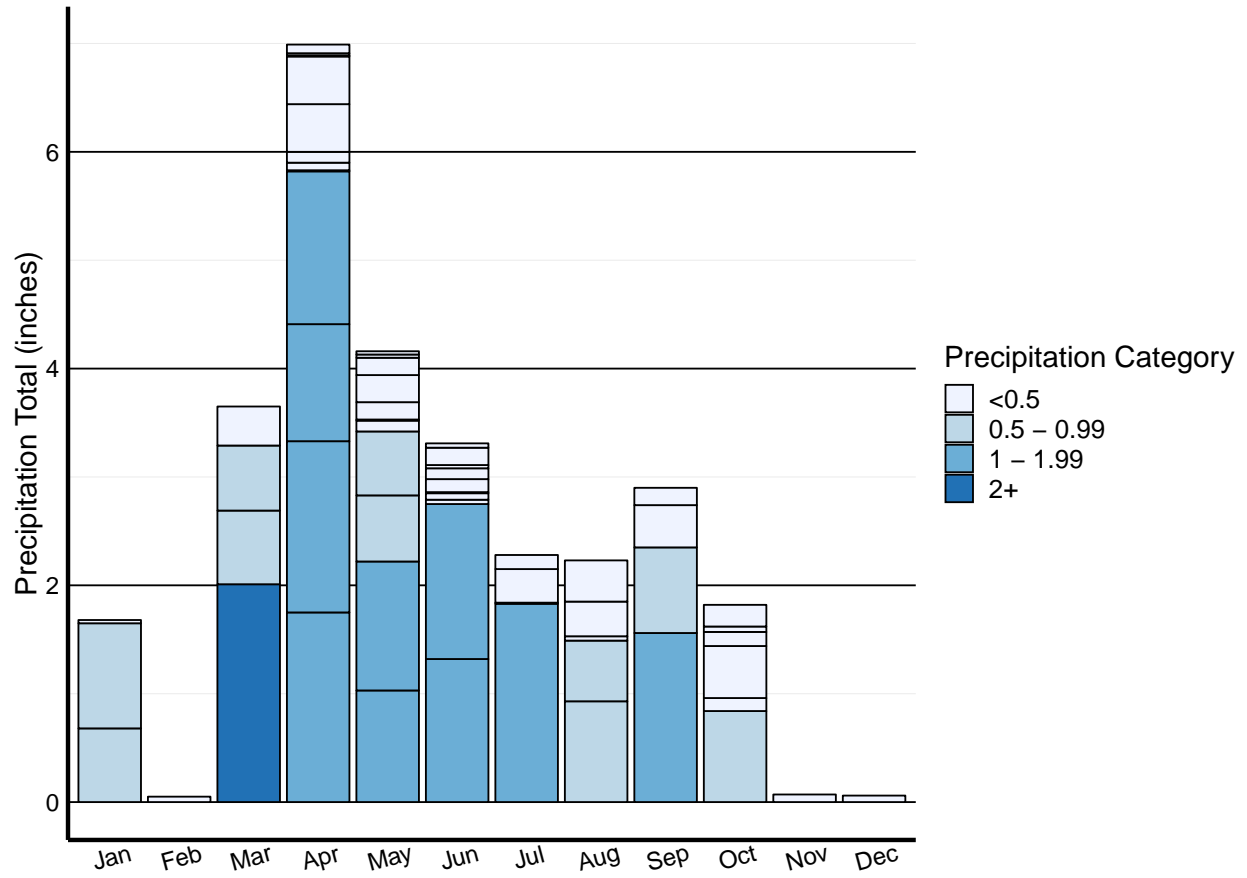
Three Oaks Farms Precipitation 2015

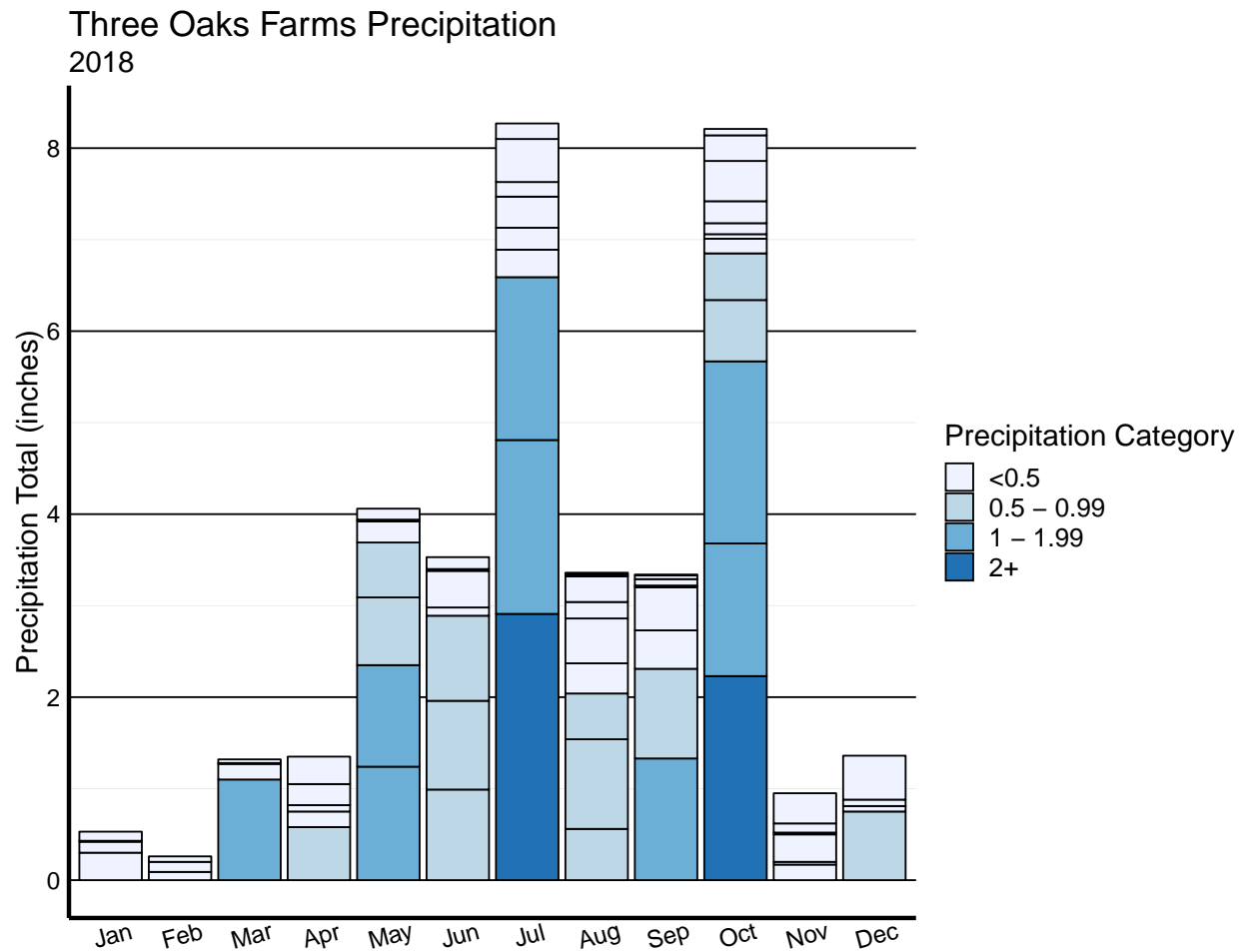


Three Oaks Farms Precipitation
2016



Three Oaks Farms Precipitation 2017





```
## Warning: Factor `month` contains implicit NA, consider using  
## `forcats::fct_explicit_na`
```

Three Oaks Farms Precipitation
2019

Precipitation Total (inches)

Three Oaks Farms Precipitation

