

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	38.19	81	0.47	0.24	2.91
2019	2.71	9	0.30	0.11	1.02

Summary by Month

Month	Total Precip	Precip Events	Mean Precip Event	Median Precip Event	Max Precip Event
Jan	5.57	23	0.24	0.14	0.99
Feb	5.78	17	0.34	0.15	1.60
Mar	8.22	24	0.34	0.16	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	9.79	23	0.43	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
2014	Mar	0.36	2	0.18	0.18	0.32

Year	Month	Total Precip	Precip Events	Mean Precip Event	Median Precip Event	Max Precip Event
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
2018	Jul	8.27	9	0.92	0.34	2.91

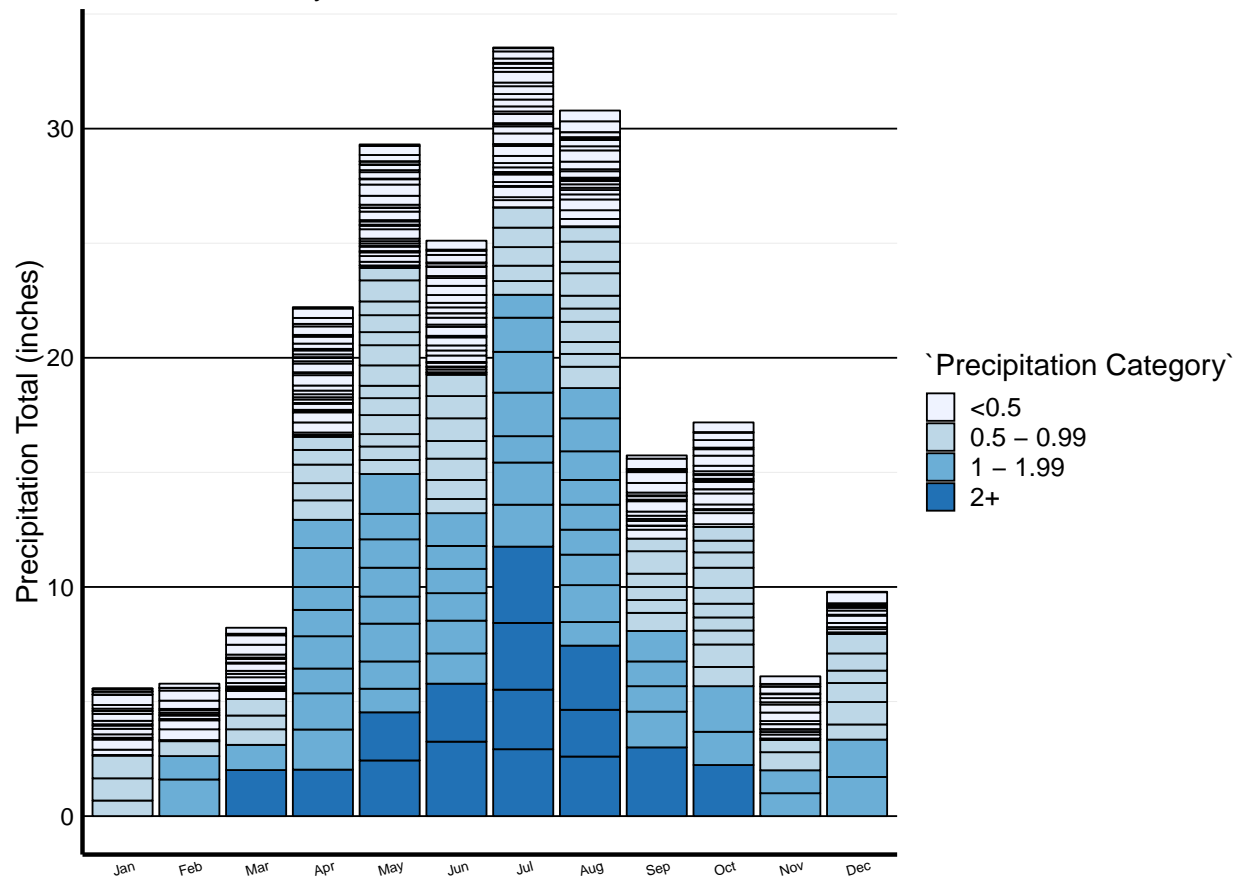
Year	Month	Total Precip	Precip Events	Mean Precip Event	Median Precip Event	Max Precip Event
2018	Aug	3.36	10	0.34	0.31	0.98
2018	Sep	3.34	8	0.42	0.24	1.33
2018	Oct	8.21	12	0.68	0.36	2.23
2018	Nov	0.95	6	0.16	0.14	0.33
2018	Dec	3.01	6	0.50	0.28	1.63
2019	Jan	1.13	4	0.28	0.06	0.99
2019	Feb	1.32	4	0.33	0.14	1.02
2019	Mar	0.26	1	0.26	0.26	0.26

Monthly Averages

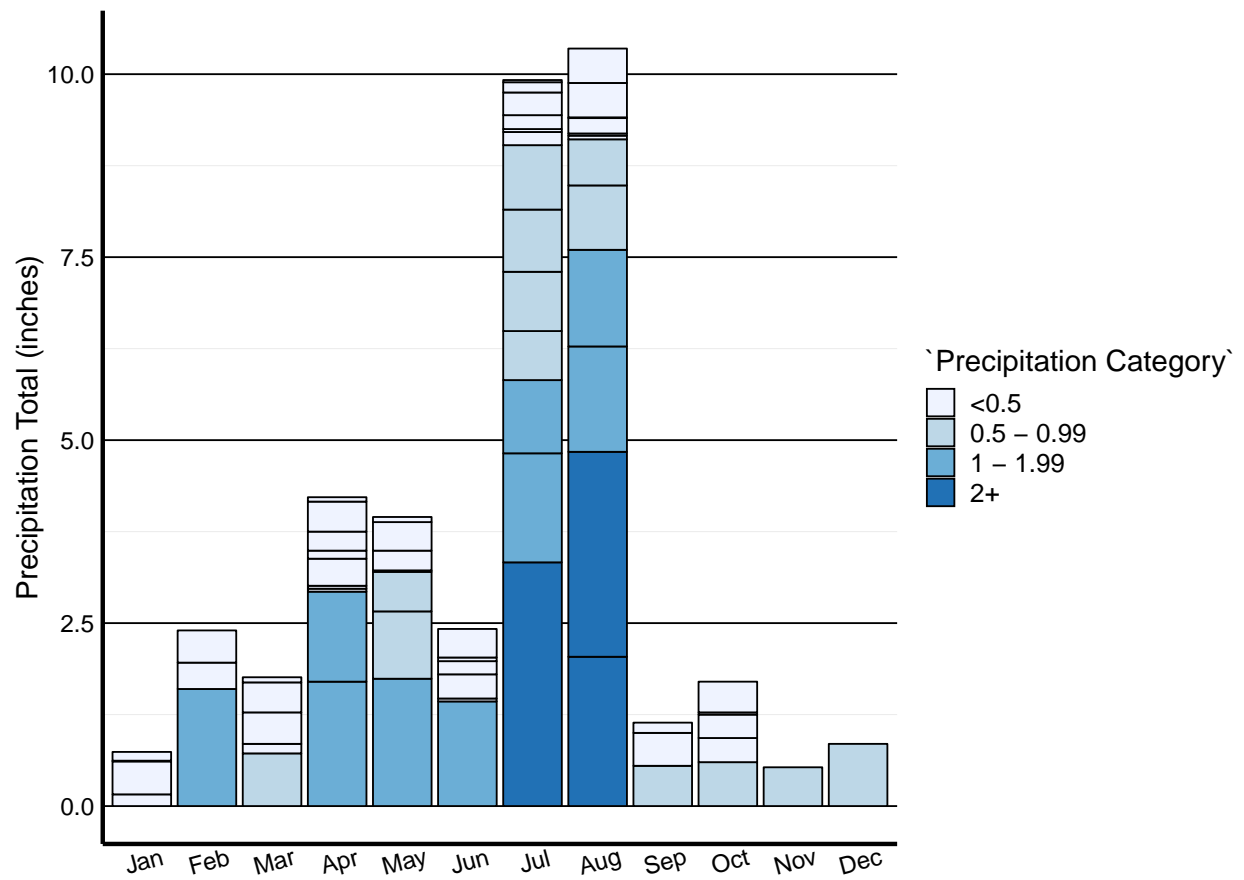
Month	Monthly Average
Jan	0.80
Feb	0.83
Mar	1.17
Apr	3.70
May	4.88
Jun	4.18
Jul	5.59
Aug	5.13
Sep	2.62
Oct	2.86
Nov	1.02
Dec	1.63

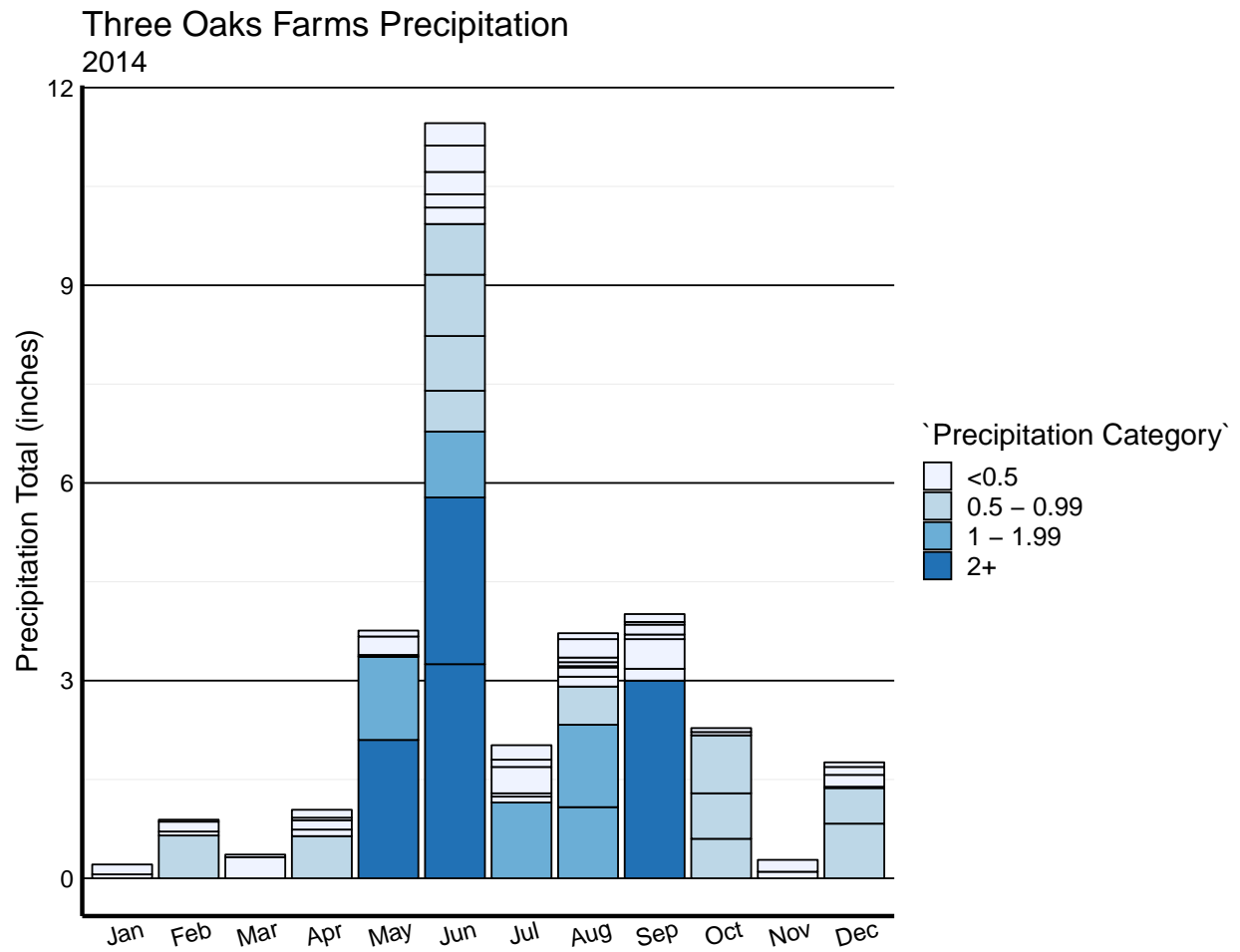
Plots

Three Oaks Farms Precipitation Combined Monthly Totals: 2013 – Present

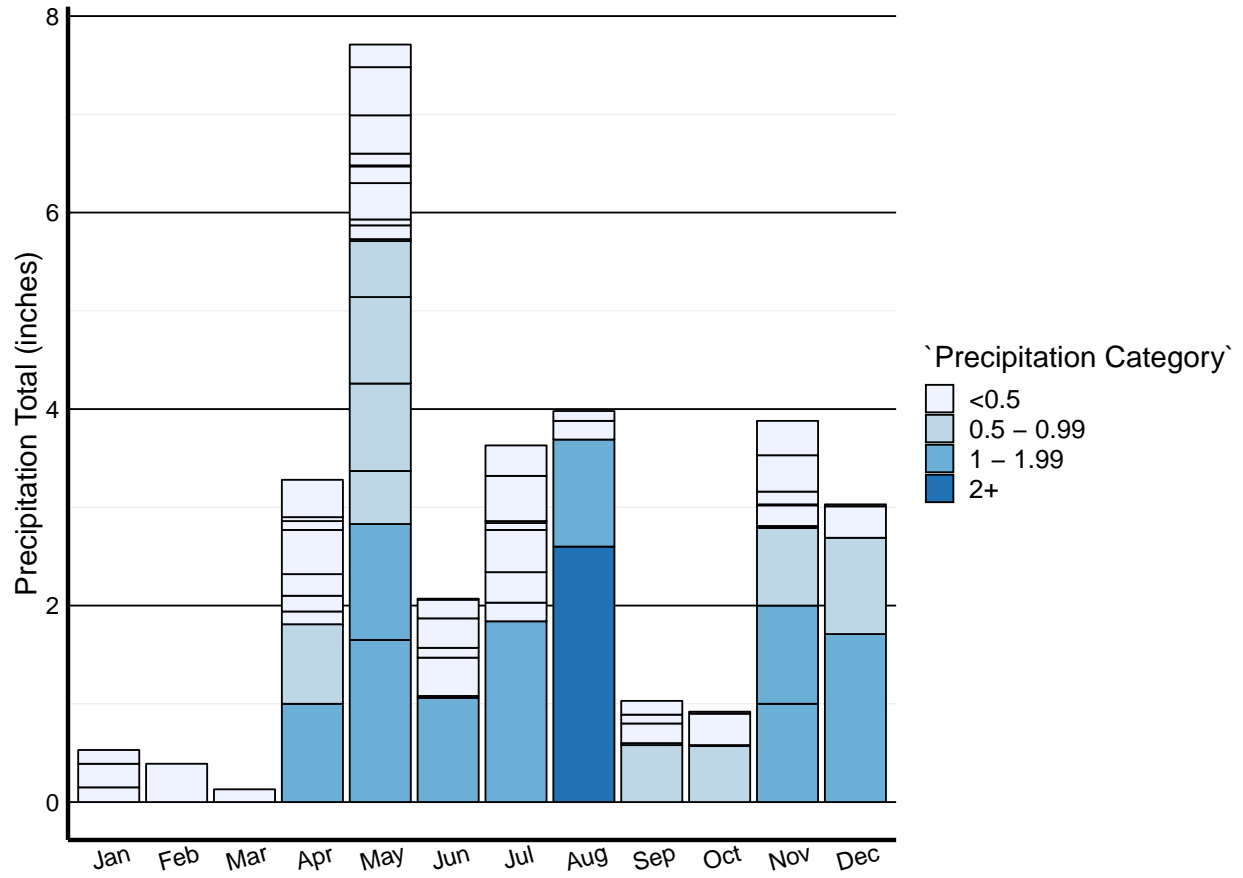


Three Oaks Farms Precipitation 2013

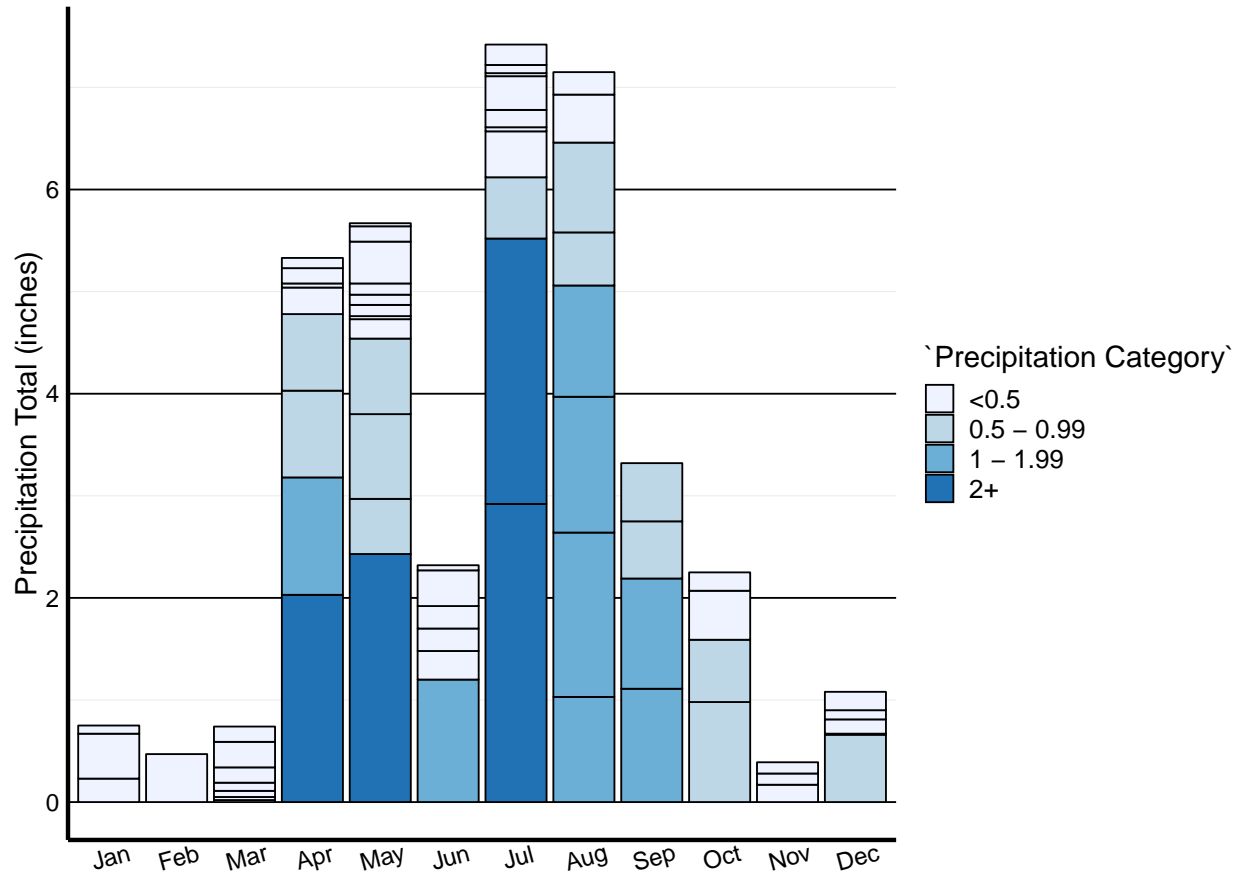




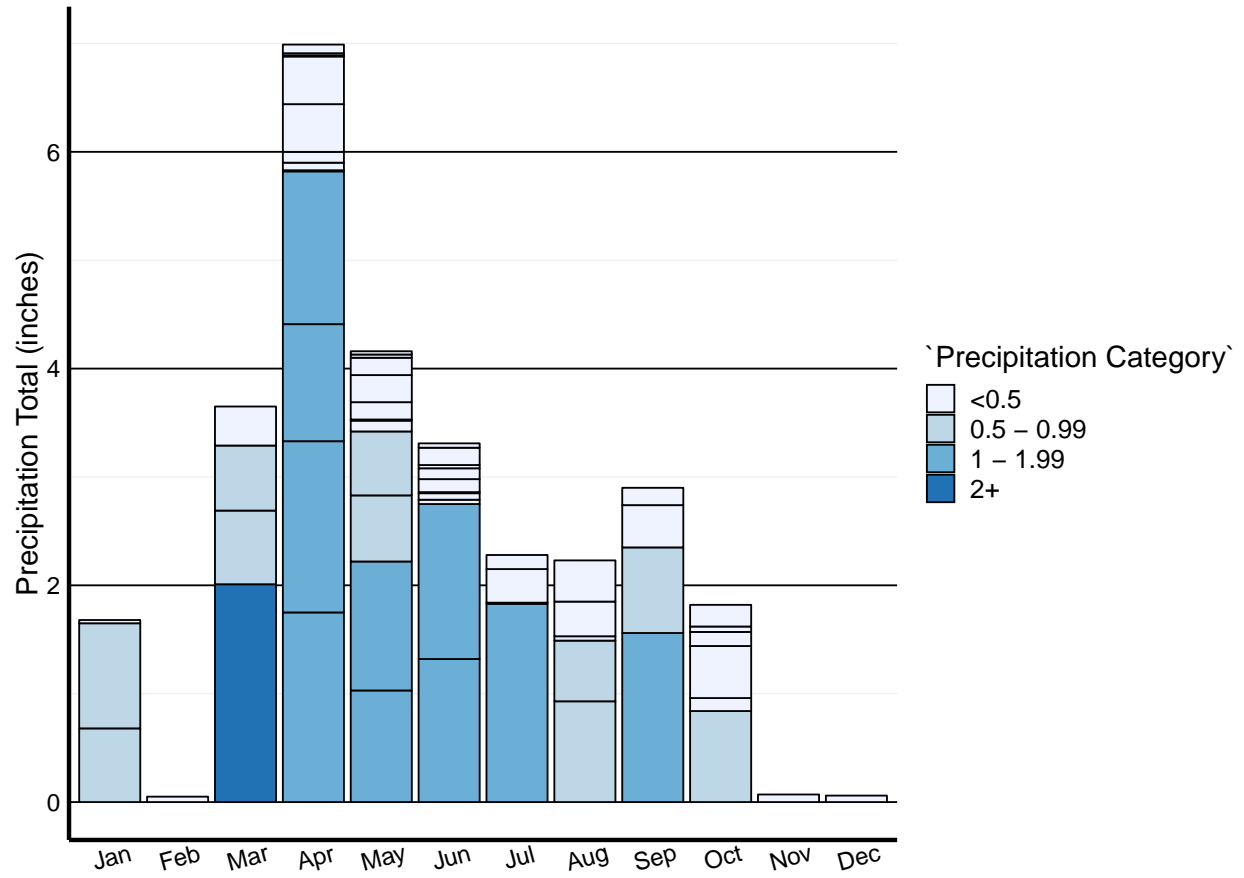
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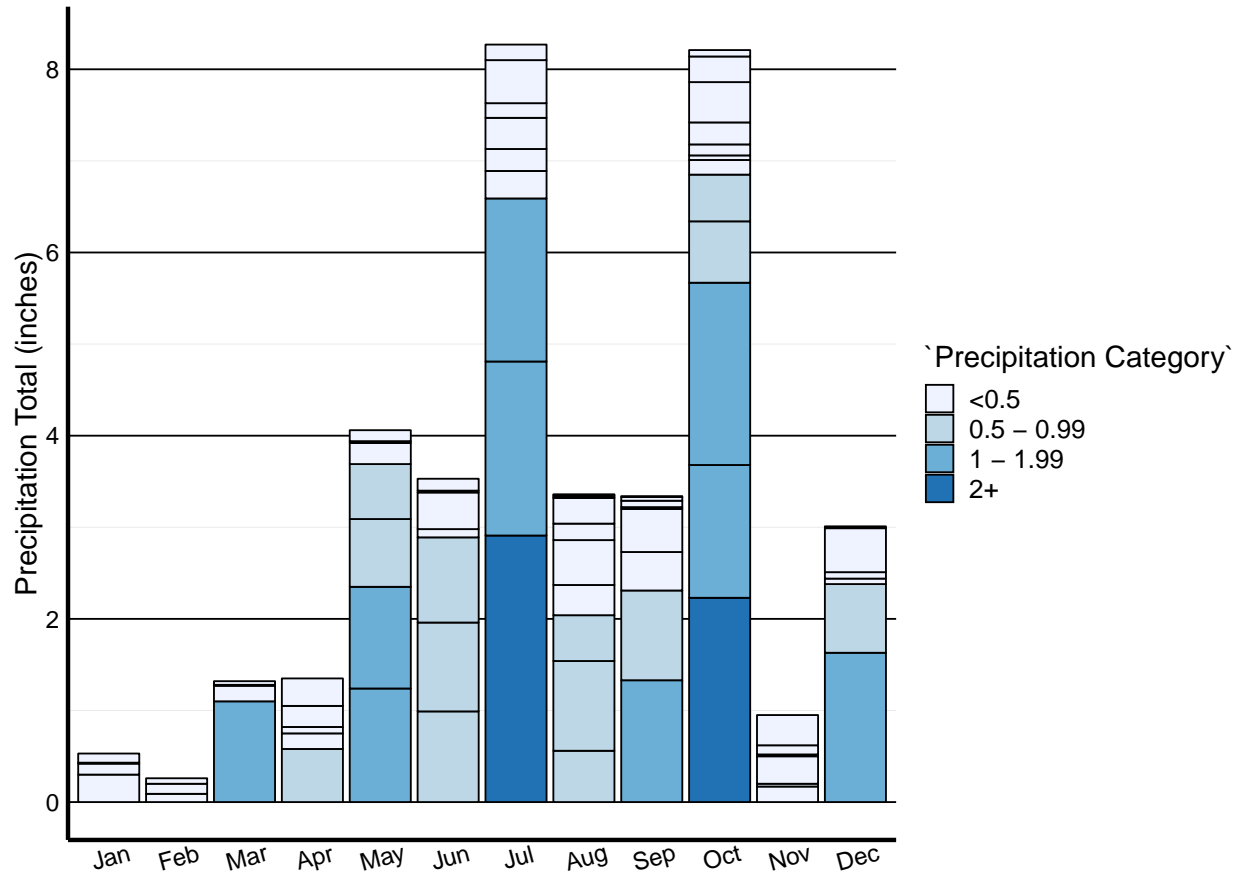
Three Oaks Farms Precipitation 2016



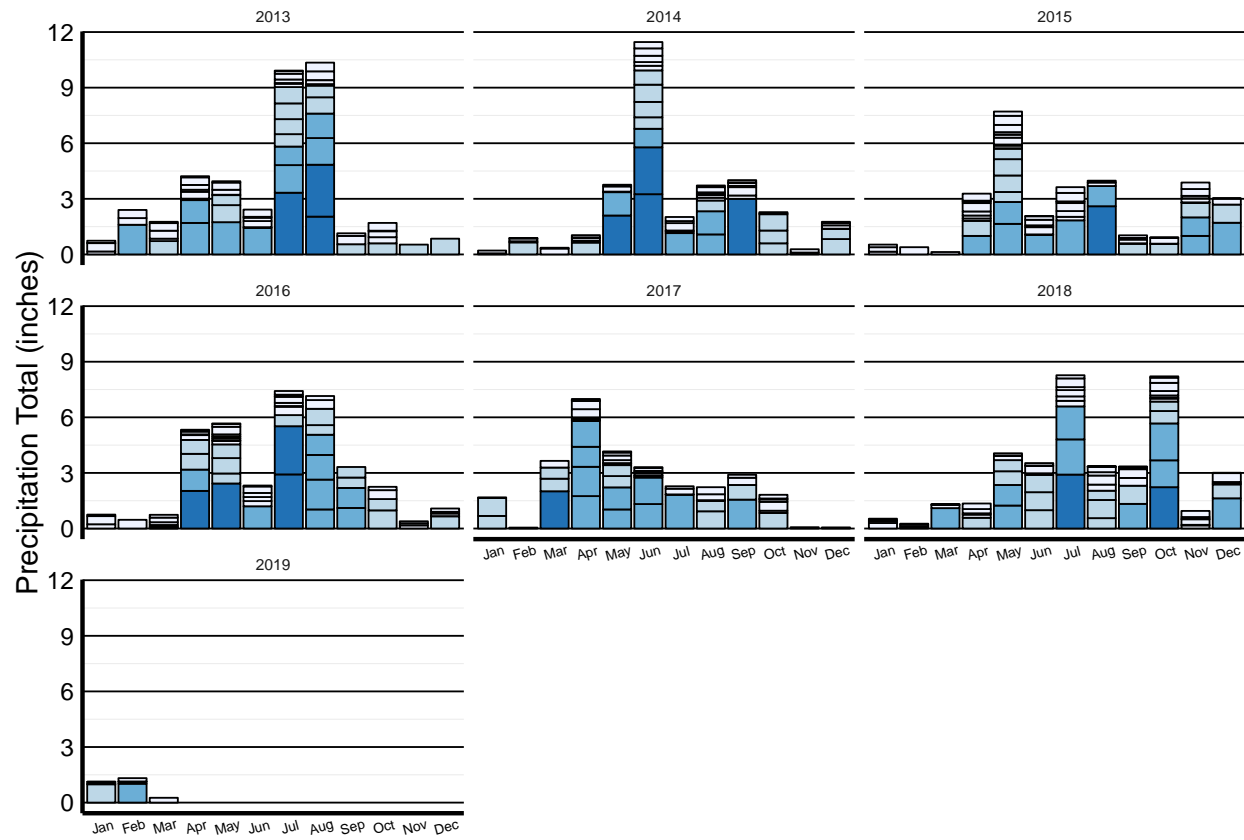
Three Oaks Farms Precipitation
2017



Three Oaks Farms Precipitation 2018



Three Oaks Farms Precipitation



`Precipitation Category` <0.5 0.5 – 0.99 1 – 1.99 2+