

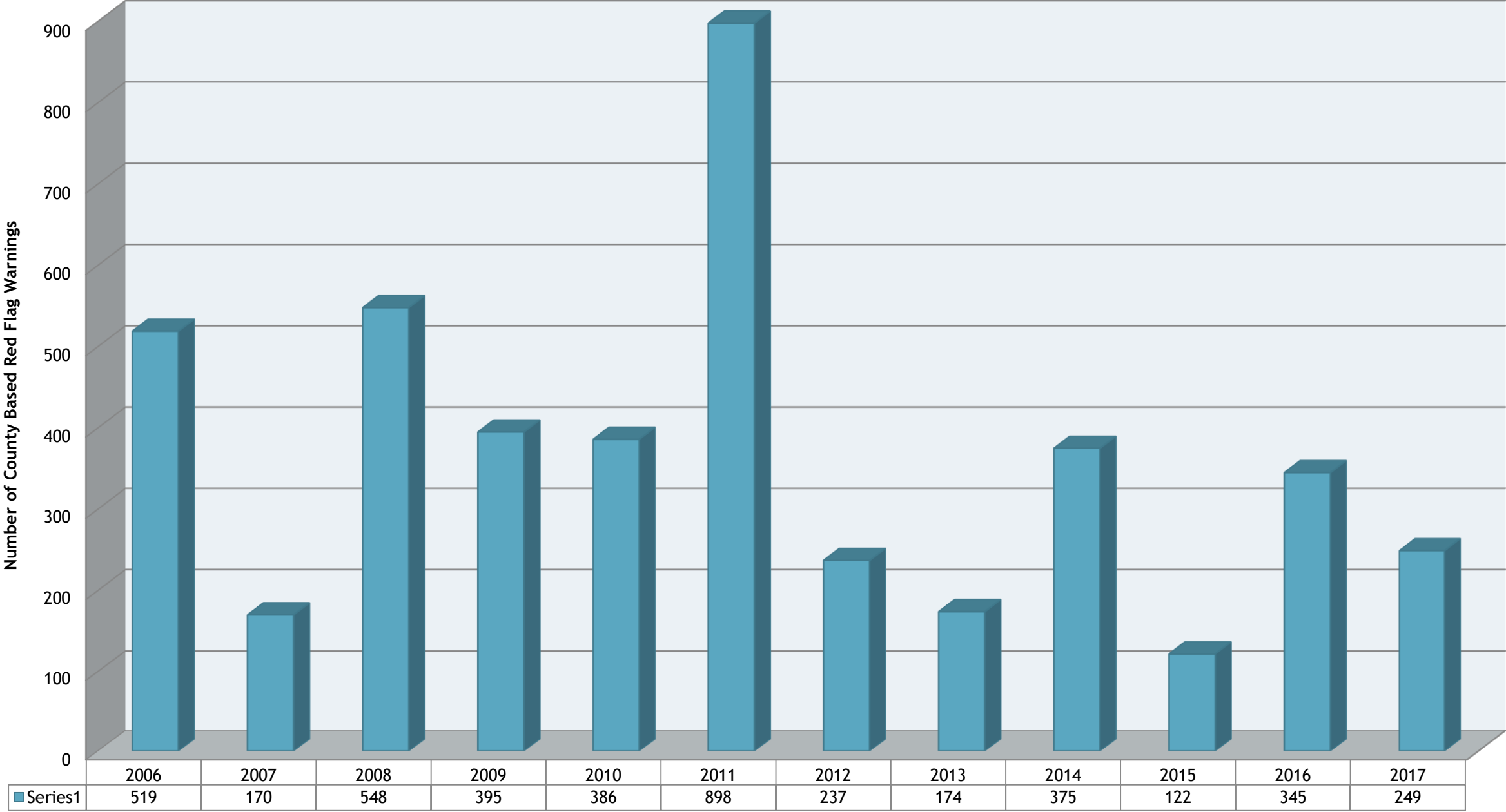


Fire weather statistics

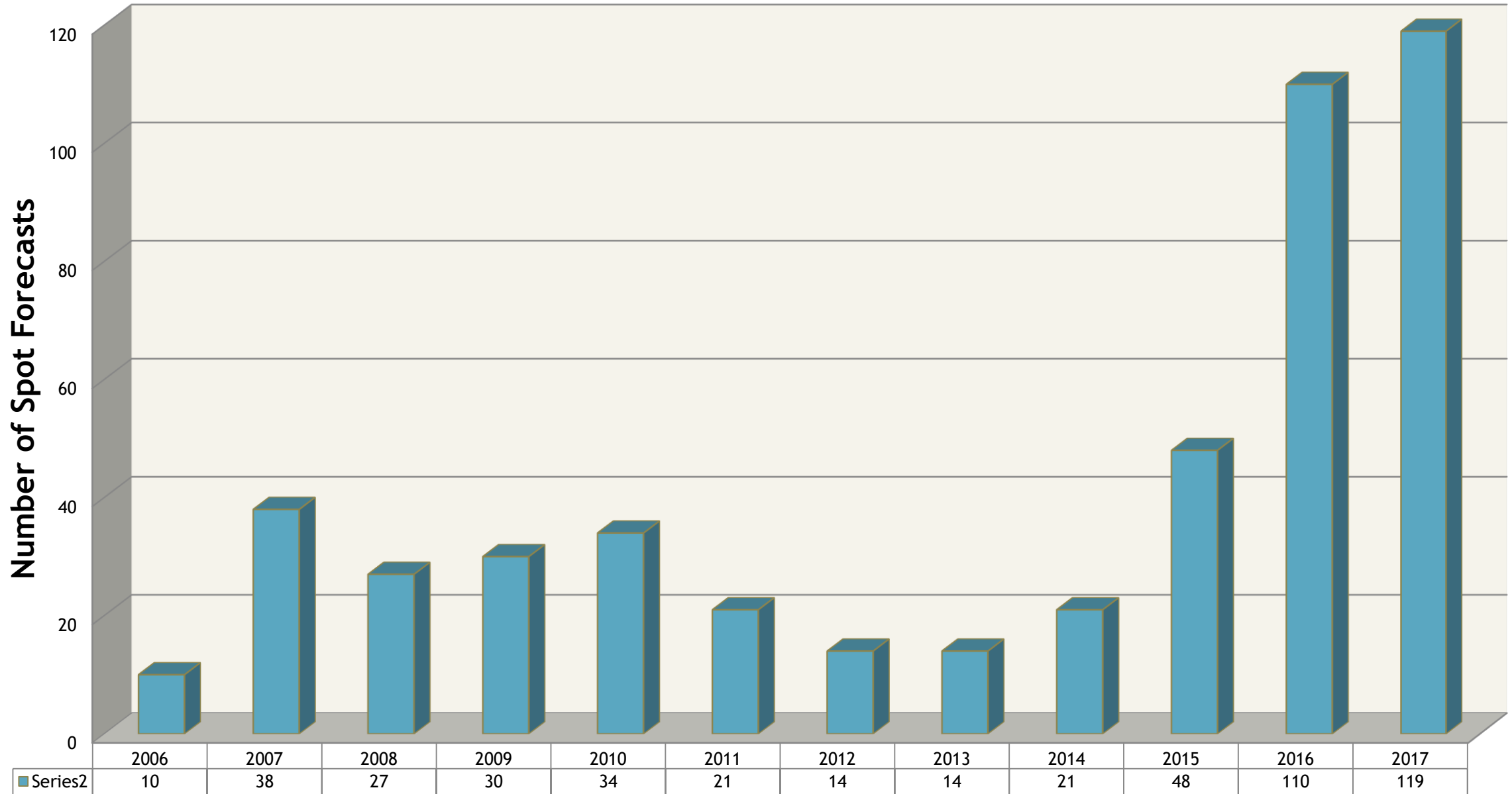
Fire Weather Customer Meeting
January 30, 2018

Ken Schneider & Melissa Beat

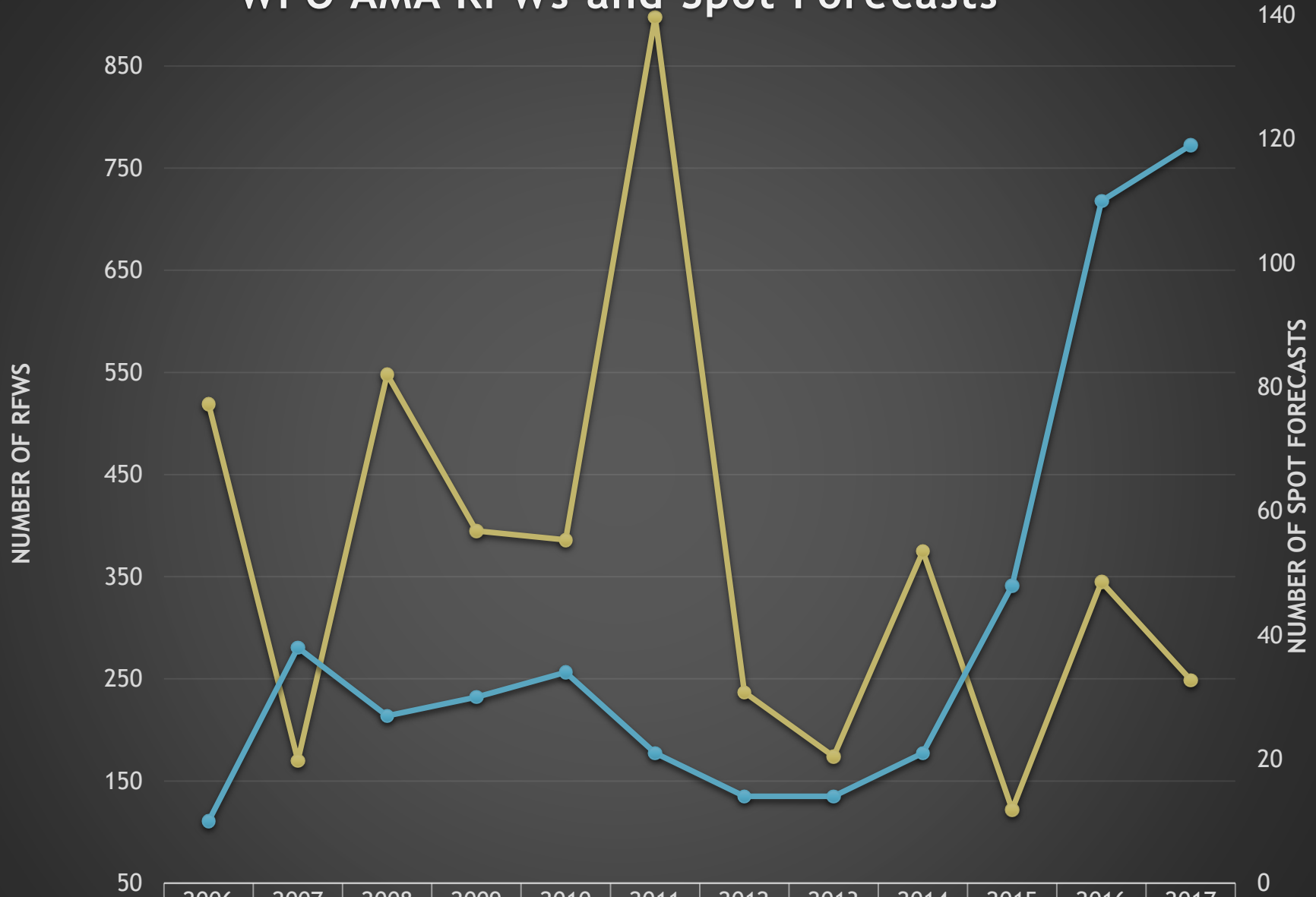
County Based Red Flag Warnings 2006-2017



Spot Forecasts 2006-2017



WFO AMA RFWs and Spot Forecasts



	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
● RFW	519	170	548	395	386	898	237	174	375	122	345	249
● Spot Forecasts	10	38	27	30	34	21	14	14	21	48	110	119

Large & Damaging Fires of 2017

- February 23: 1) The 02232017 Wildfire - about 10 miles east of Channing just south of State Highway 354 and South County Line Road. Consumed approximately 7,000 acres
- 2) The Lit Ranch Wildfire - 2 miles north northwest of Boys Ranch TX. Consumed 13,500 acres
- March 6: 1) Northwest Oklahoma Wildfire Complex (consisted of Starbuck Wildfire 2 miles west of Gate OK). Consumed 662,687 acres of which 198,379 acres burned in Oklahoma
- 2) The Dumas Complex Wildfire (consisted of Reclamation, Willow Vista, Bluebonnet, East and Folsom wildfires) - 7 miles north of Claude TX. Consumed 28,800 acres -at least 3 fire fighters injured
- 3) Perryton Wildfire - 13 miles southwest of Wolf Creek Park. Consumed 318,056 acres - 1 fatality and 2 injuries - 4 homes and 100 other structures destroyed - Approx 4,000 livestock killed on March 6 in the Texas Panhandle
- 4) Lefors East Wildfire - 6 miles southeast of Lefors. Consumed 135,000 acres. 3 fatalities and ten near misses - 1 home and 2 other structures destroyed
- 5) Beaver Wildfire - 4 miles southwest of Beaver OK. Consumed 2,962 acres

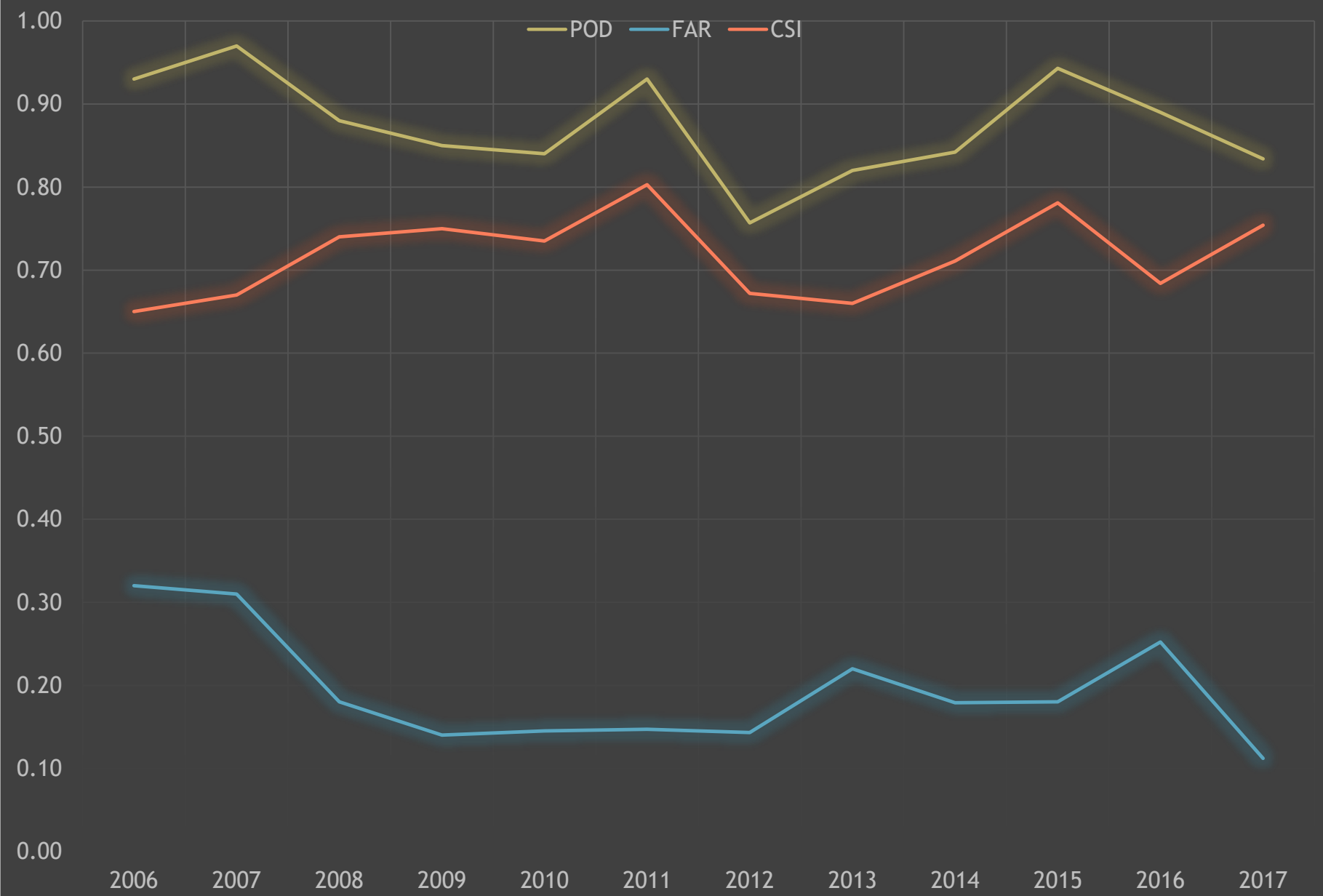
Large & Damaging Fires of 2017 (Cont'd)

- March 23: 1) The Rankin Ranch Road Wildfire - 10 miles north northwest of Codman TX. Consumed 60,000 acres

2017 Verification Statistics

- WFO AMA
 - # RFW issued: 249
 - POD: 0.834
 - FAR: 0.112
 - CSI: 0.754
 - Avg Lead Time: 14.4 hrs
 - # Spot forecasts: 119
- National Goals 2017:
 - POD: N/A
 - Avg Lead Time: 11 hours
- National Goals 2018:
 - POD: N/A
 - Avg Lead Time: 11 hours
- Office Goals 2018:
 - POD: 0.850
 - FAR: 0.200
 - CSI: 0.750
 - Avg Lead Time: 12.5 hours

POD, FAR, and CSI of RFWs



2003 - 2017 Statistics

Year	POD	Vs. Avg	FAR	Vs. Avg2	CSI	Vs. Avg3	Lead Time	Vs. Avg4	# RFWs	# Spots
2003	0.76	-10.70%	0.14	-38.20%	0.68	0.69%	5.0	-52.13%	249	39
2004	0.60	-29.50%	0.30	32.43%	0.48	-28.92%	2.0	-80.85%	61	39
2005	0.92	8.10%	0.63	178.10%	0.36	-46.69%	5.7	-45.43%	190	26
2006	0.93	9.27%	0.32	41.26%	0.65	-3.75%	6.4	-38.73%	519	10
2007	0.97	13.97%	0.31	36.85%	0.67	-0.79%	7.4	-29.15%	170	38
2008	0.88	3.40%	0.18	-20.54%	0.74	9.58%	7.1	-32.02%	548	27
2009	0.85	-0.13%	0.14	-38.20%	0.75	11.06%	8.2	-21.49%	395	30
2010	0.84	-1.30%	0.15	-35.99%	0.74	8.84%	8.9	-14.79%	386	34
2011	0.93	9.27%	0.15	-35.11%	0.80	18.90%	14.4	37.87%	898	21
2012	0.76	-11.05%	0.14	-36.87%	0.67	-0.49%	10.9	4.36%	237	14
2013	0.82	-3.65%	0.22	-2.88%	0.66	-2.27%	8.9	-14.79%	174	14
2014	0.84	-1.07%	0.18	-20.98%	0.71	5.28%	14.4	37.87%	375	21
2015	0.94	10.80%	0.18	-20.54%	0.78	15.65%	17.5	67.55%	122	48
2016	0.89	4.57%	0.25	11.24%	0.68	1.28%	16.2	55.10%	345	110
2017	0.83	-2.01%	0.11	-50.56%	0.75	11.65%	14.4	37.87%	249	119