

Season Outlook: North San Joaquin Valley



Joel Siegel, USDA/ARS, Parlier

Simple Prediction

season pressure

in time to do

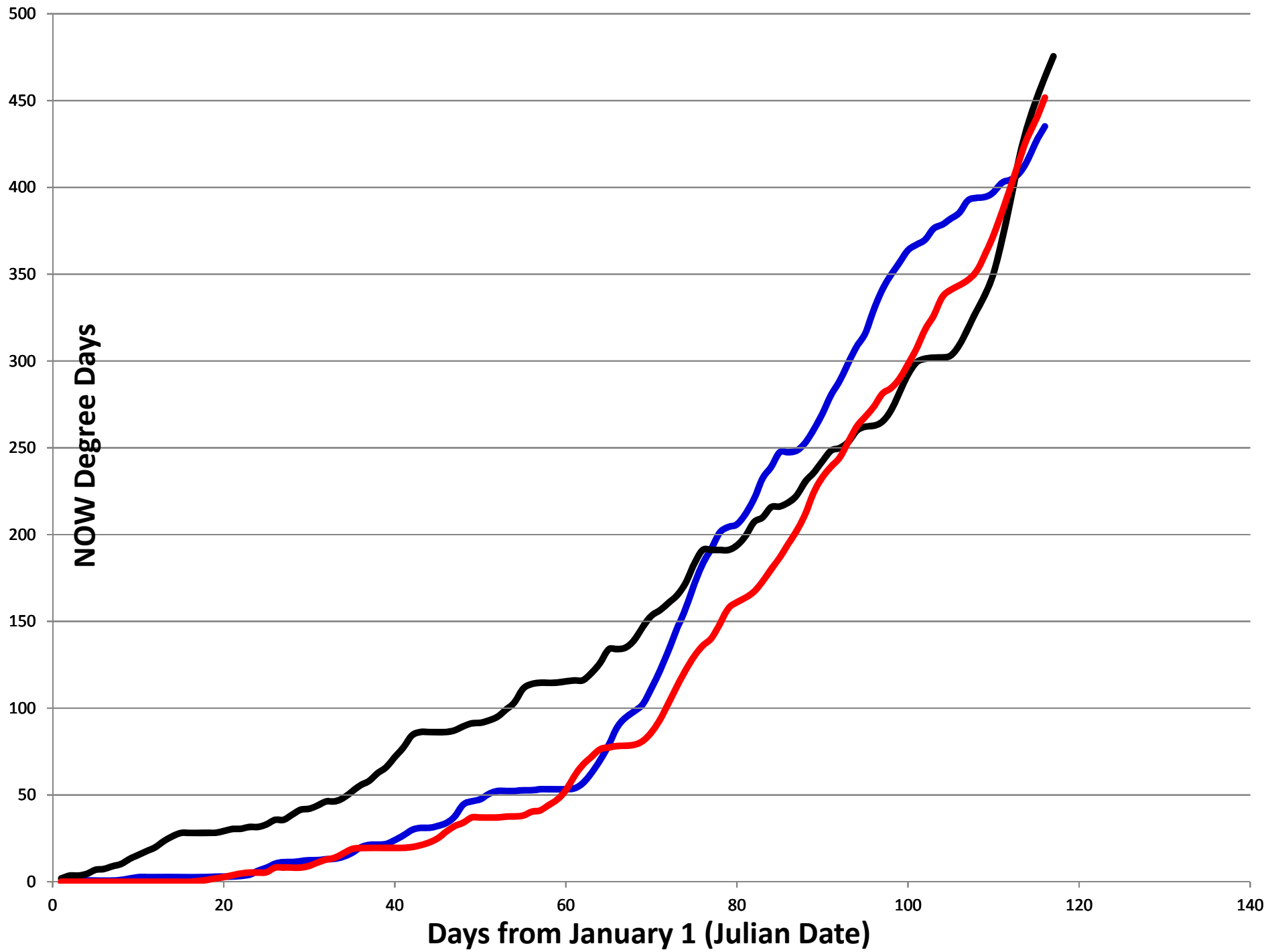
something?

**What Makes a
High Pressure
Year?**

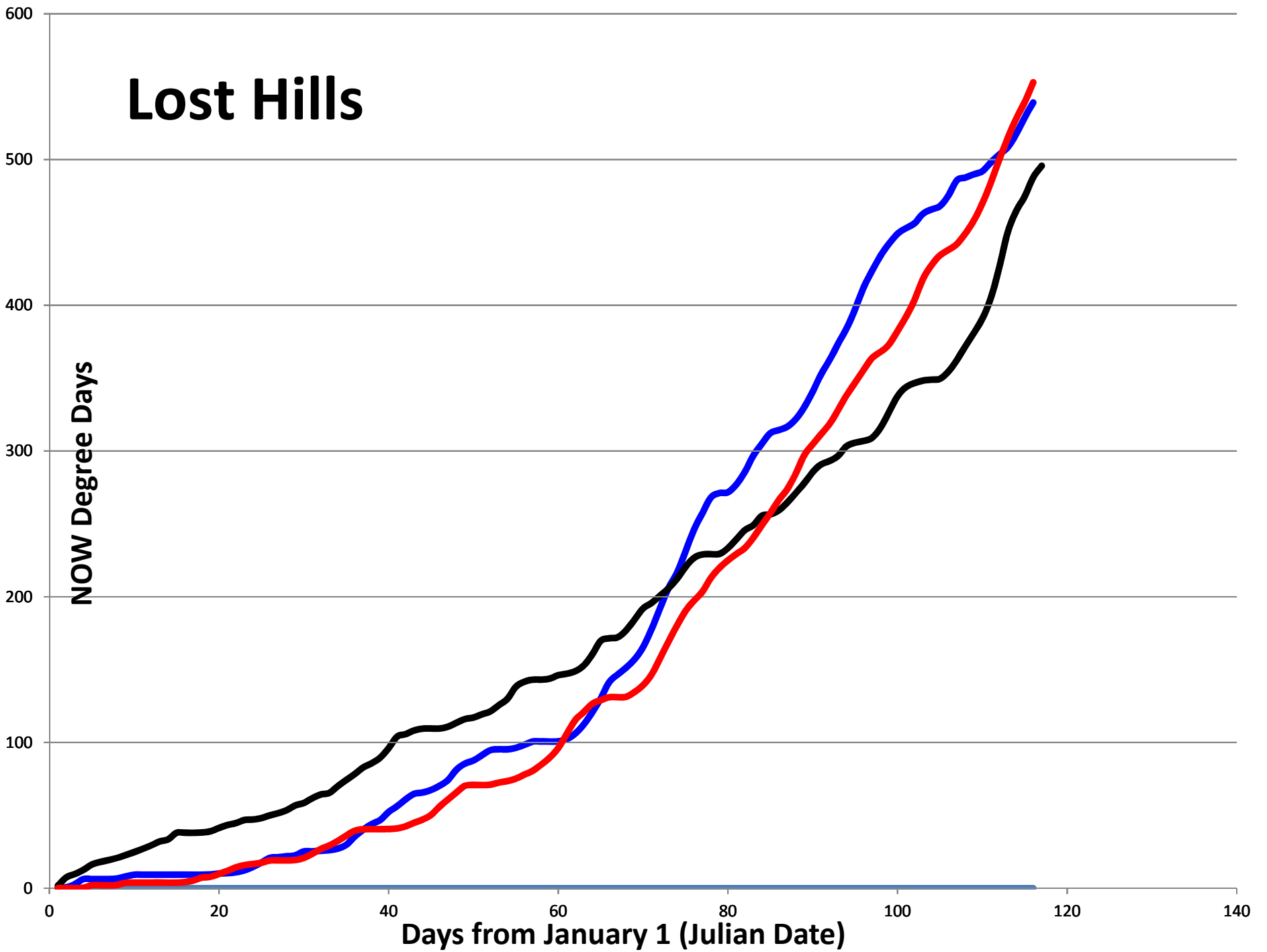
Three Factors:
Heat Unit Accumulation
Overwintering Population
Nut Development Rate

HEAT

2007, 2012, 2013



Lost Hills



Drought and Survival

Frank Zalom:
**Focus on the
timing of rain**

FIGS (8,502)

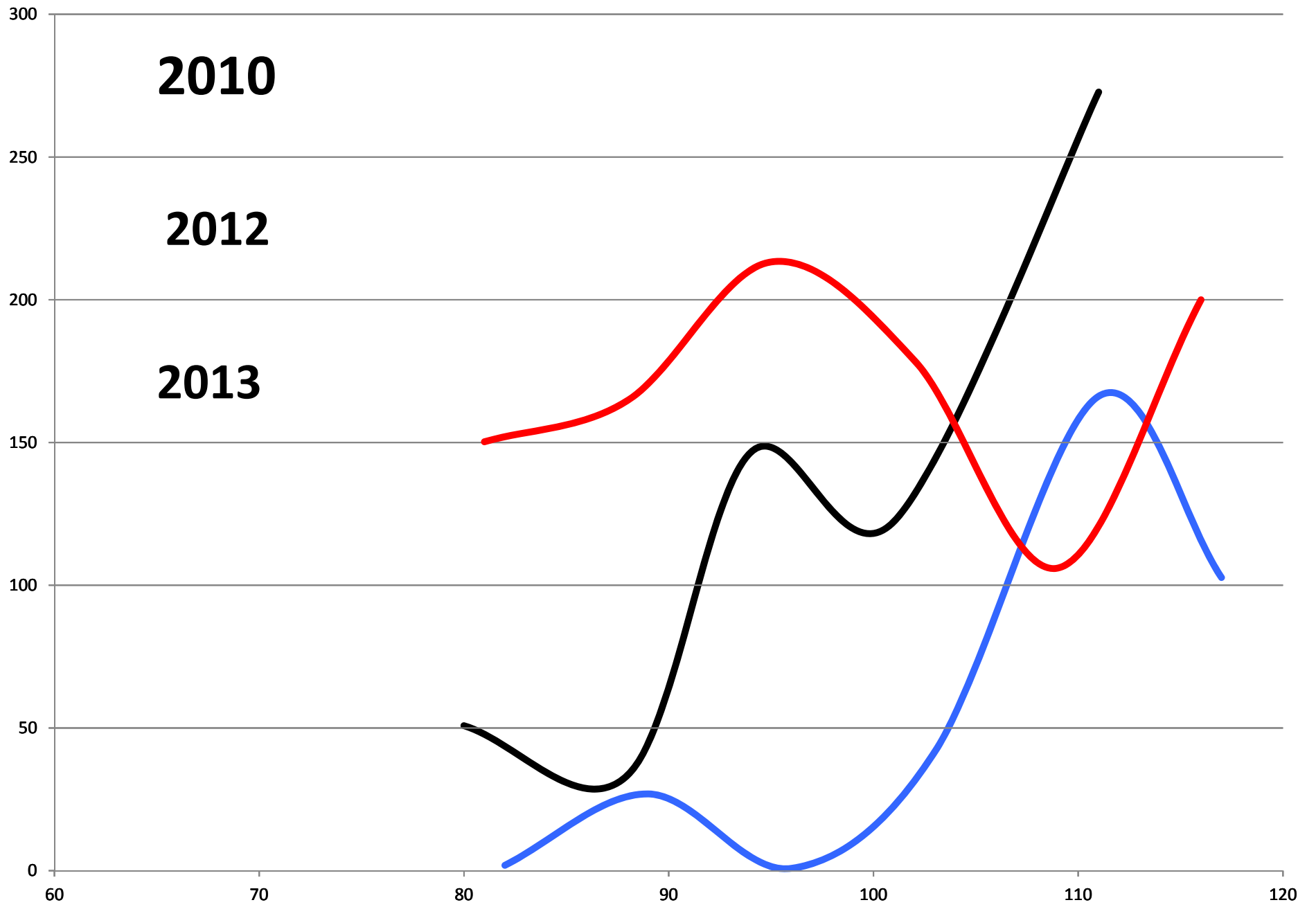
Date	Figs	Infestation	Total NOW
Nov 30	1,155	27.0%	456
Jan 8	871	14.2%	152
Jan 24	1,719	13.8%	316
Feb 7	1,713	14.4%	360
Feb 28	1,015	10.1%	125
Mar 12	2,029	13.2%	341

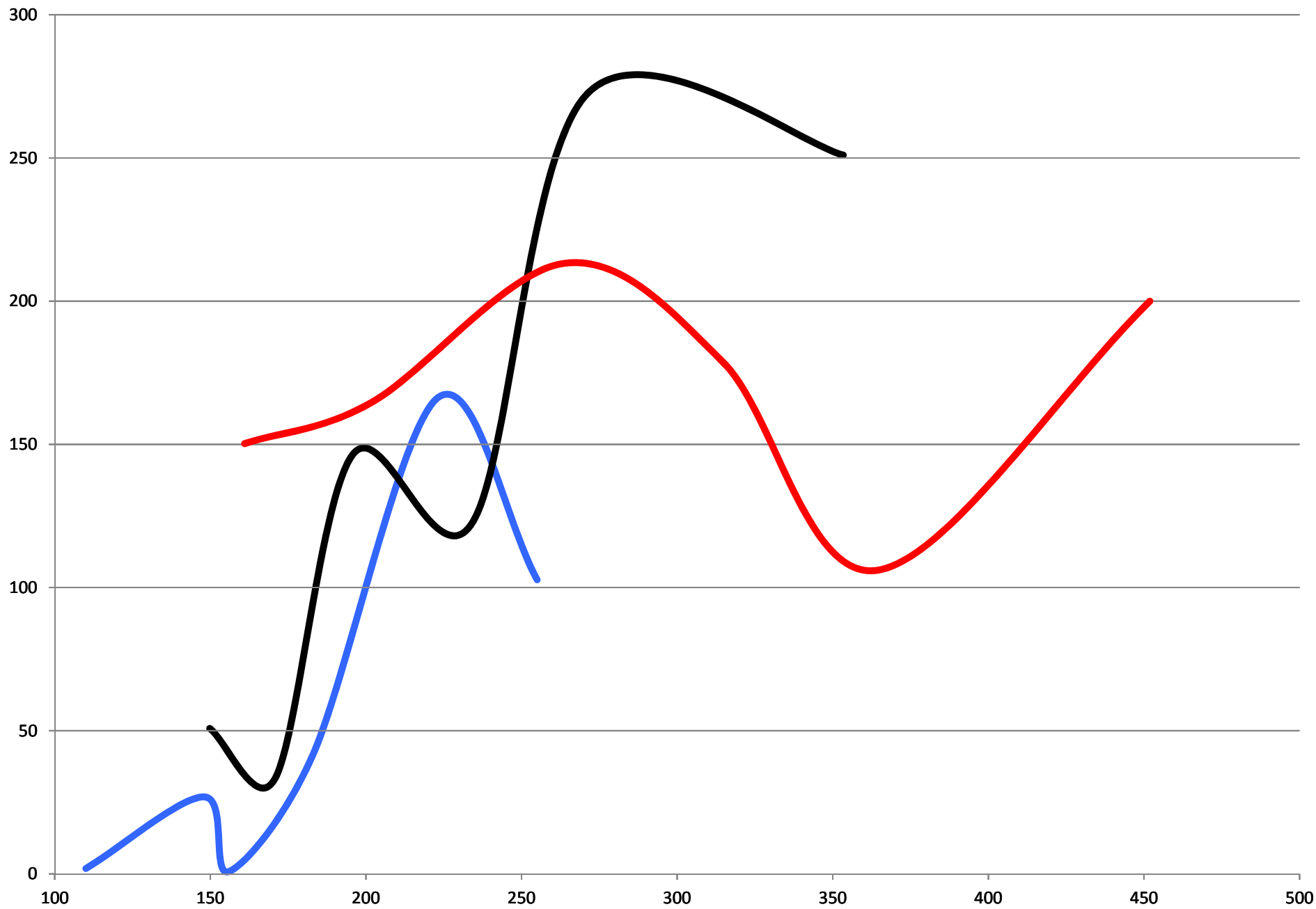
Flight Activity

2007, 2012: High

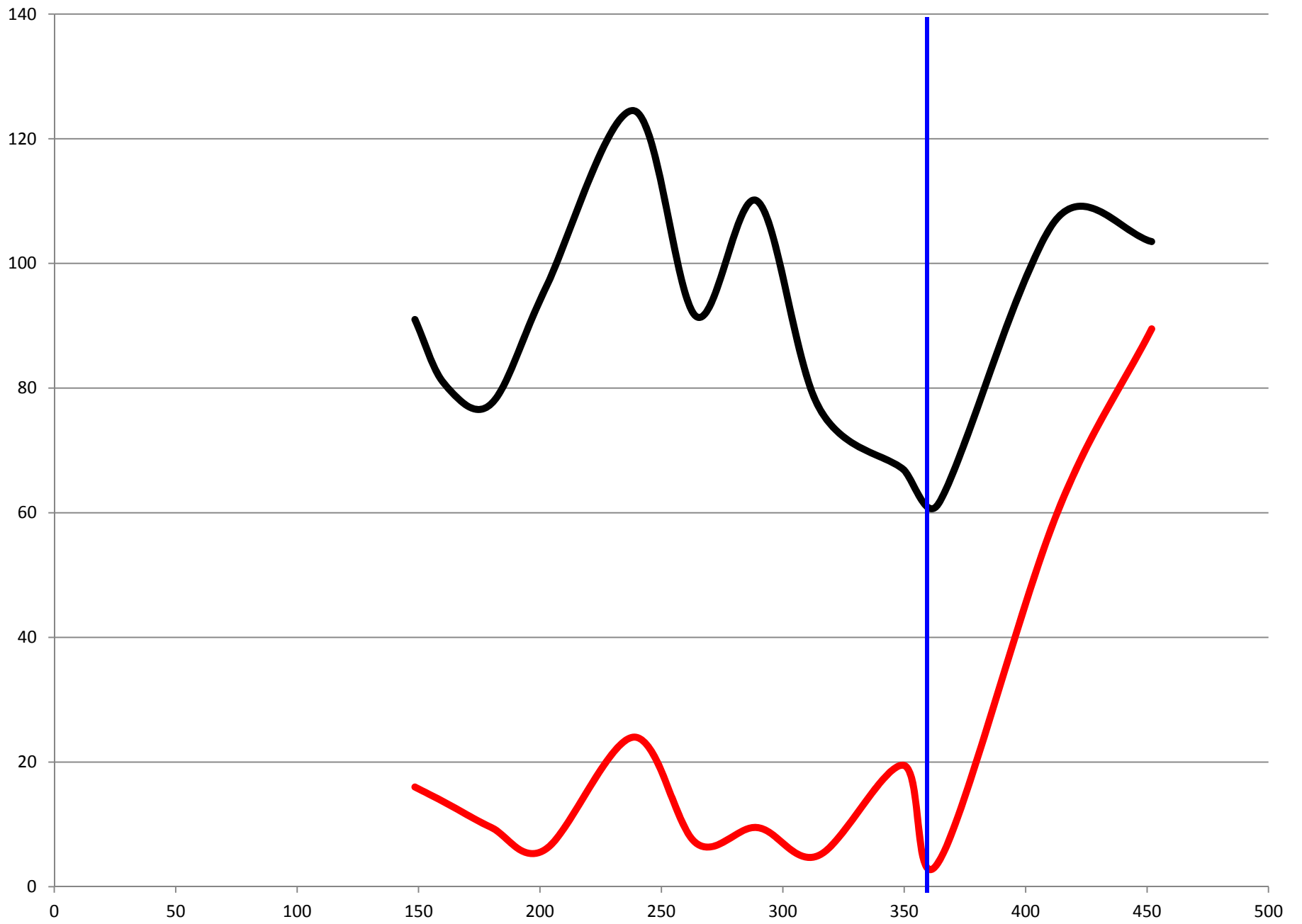
2010: Low







Degree Days from Jan. 1







Thanks