VERIFICATION STATISTICS

BRIAN LASORSA

POD: Probability of Detection

% of time we had a warning for an event

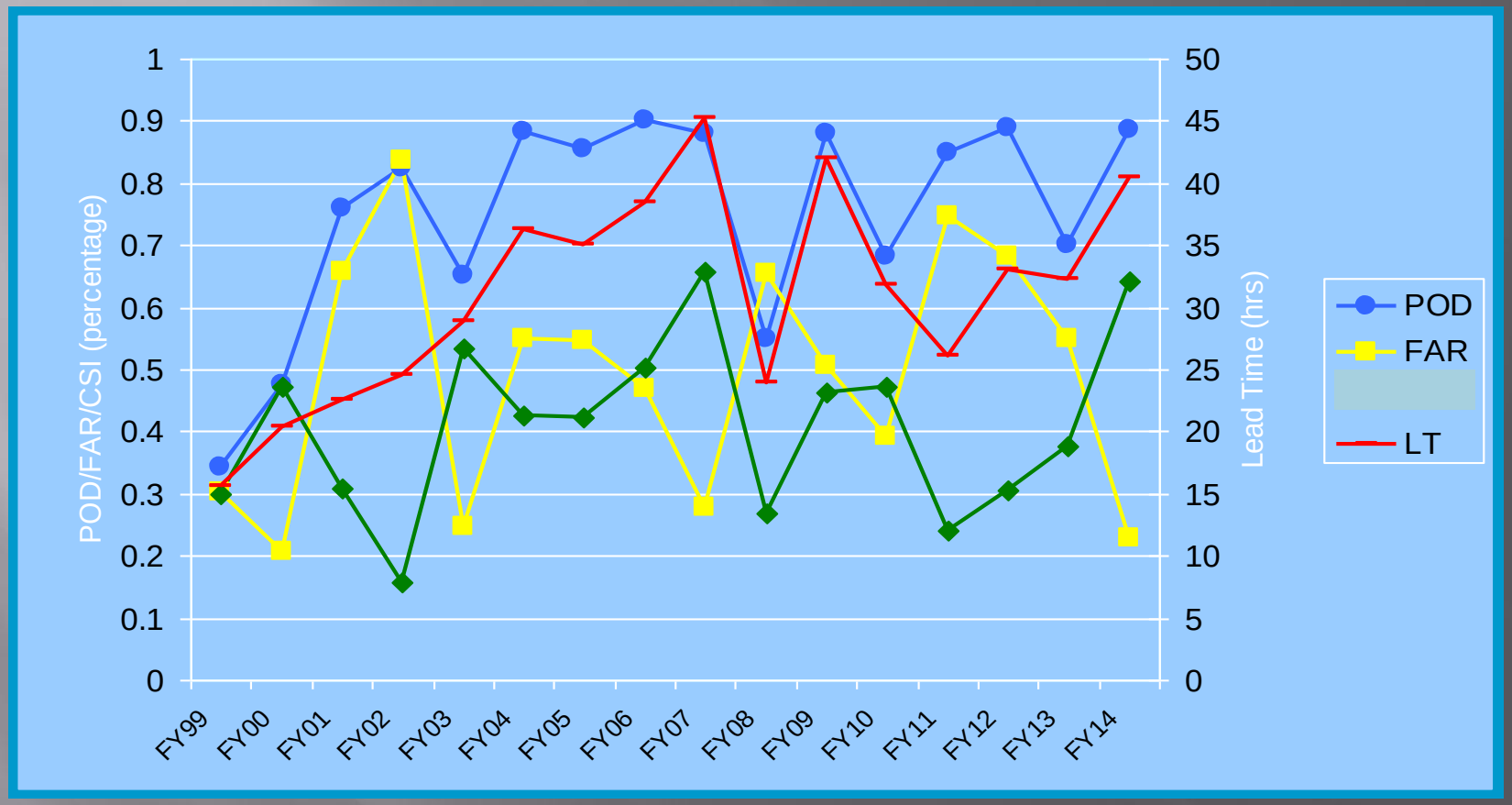
FAR: False Alarm Rate

% of time warnings didn't verify

LT: Lead Time

Minutes of advance notice before an event

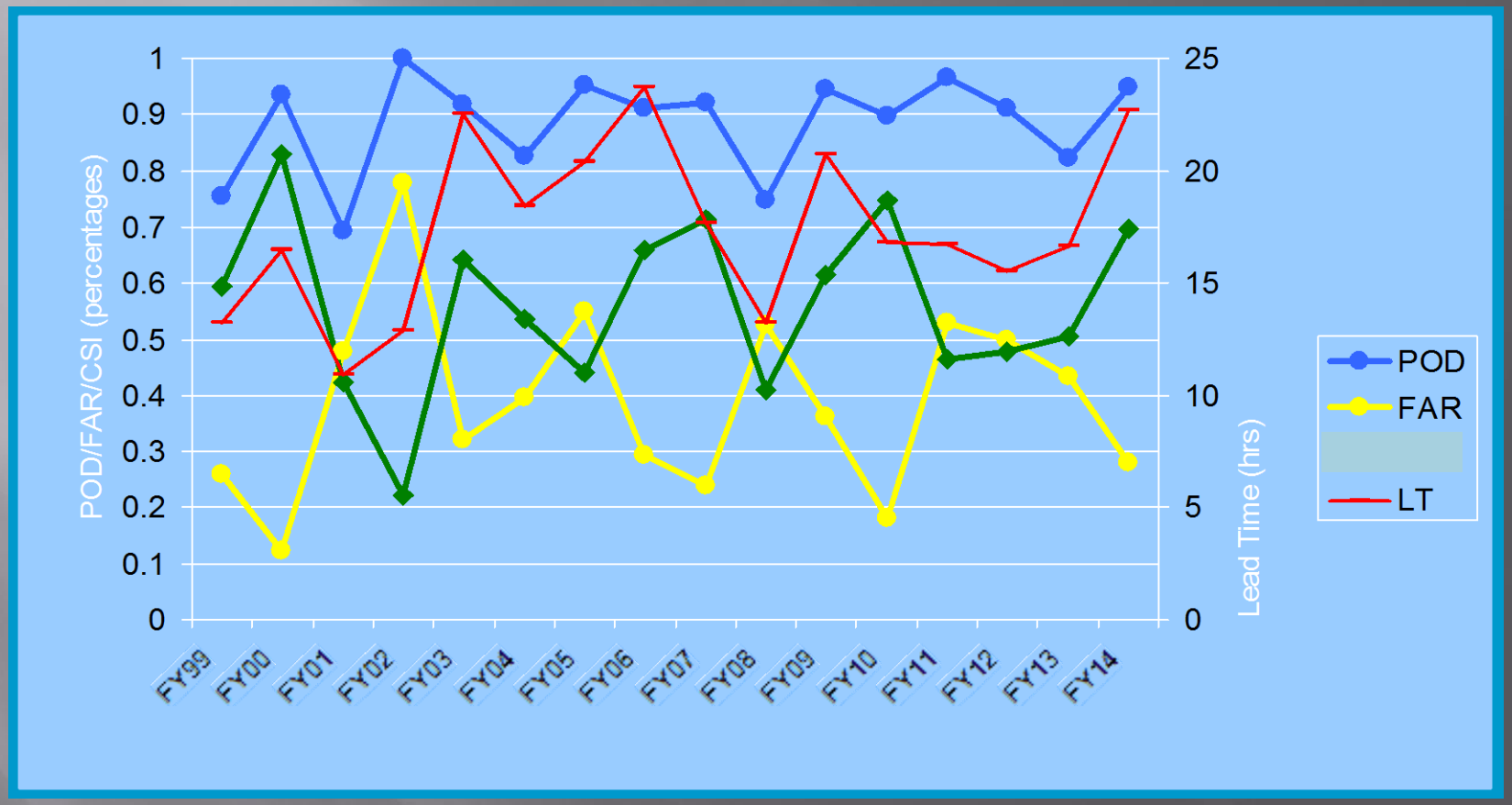
LWX Winter Storm Watches



THROUGH JULY:

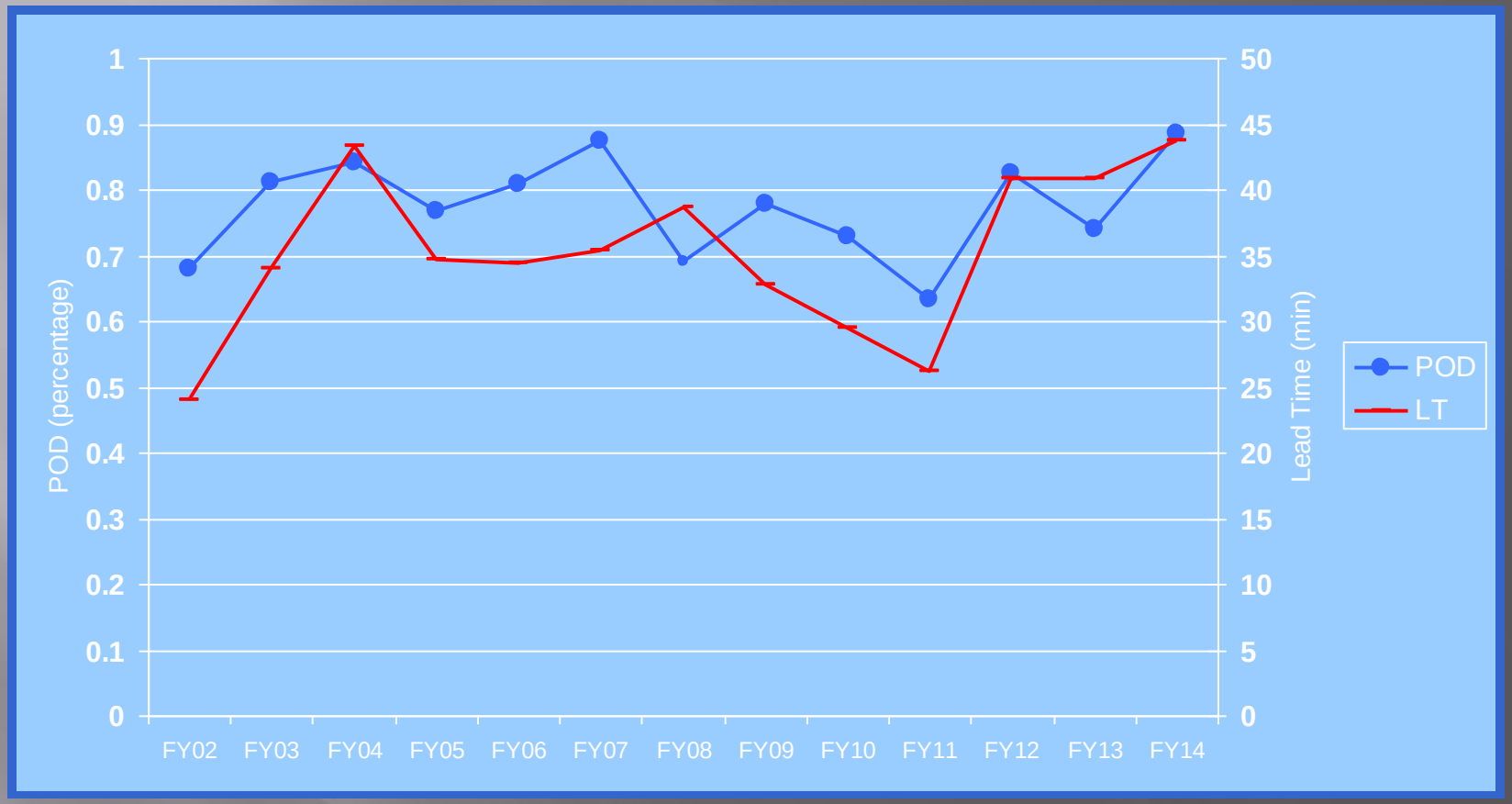
POD: 0.885, FAR: .299, LEAD TIME: 40.5

LWX Winter Storm Warnings



Winter Storm POD	**95**	**Goal: 90**
Winter Storm FAR +	28	Goal: 43
Winter Storm LT	23	Goal: 19

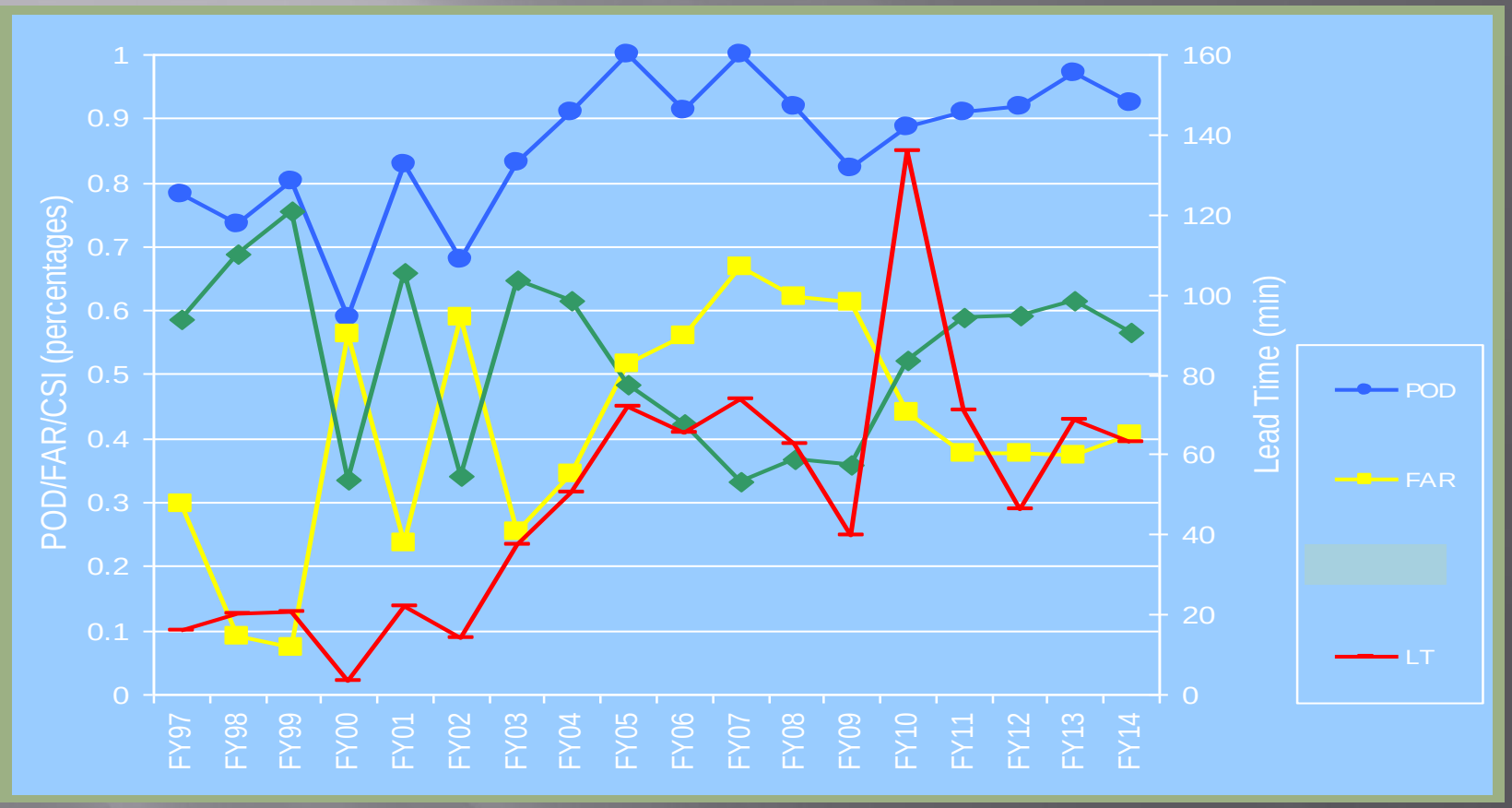
LWX Special Marine Warnings



Special Marine Warning POD ++	**89 FY14**	**-**
Special Marine Warning LT ++	44 FY14	-

Note: FY08 was the first year that Storm-based Warnings in effect.
FARs tend to be inflated due to limited observation data over water. High FARs lower the CSIs.

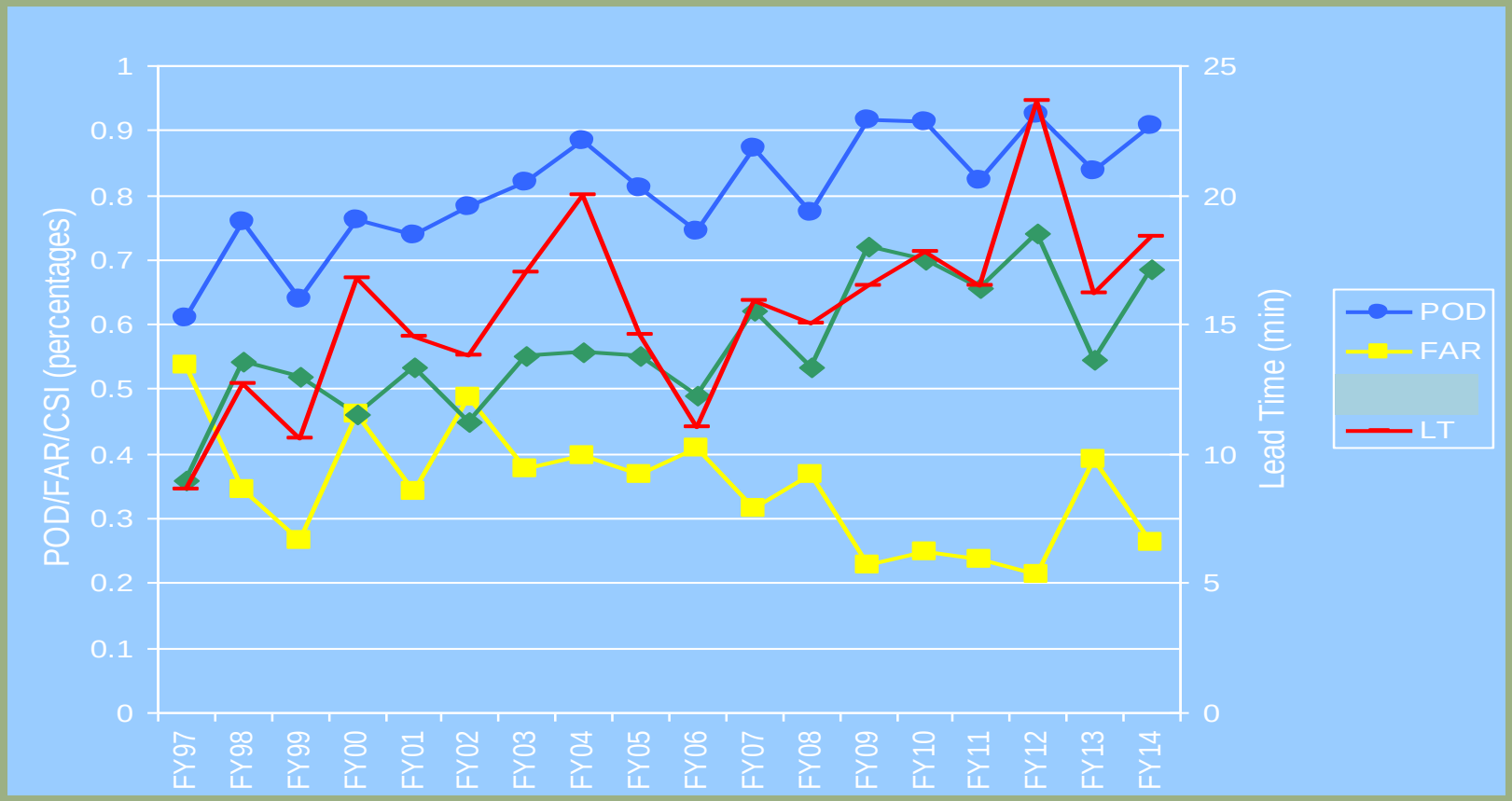
LWX Flash Flood Warnings



Flash Flood POD FY14	**92**	**74**
Flash Flood FAR + FY14	41	45
Flash Flood LT FY14	63	58

Note: FY09 was the first year that Storm-based Warnings in effect.

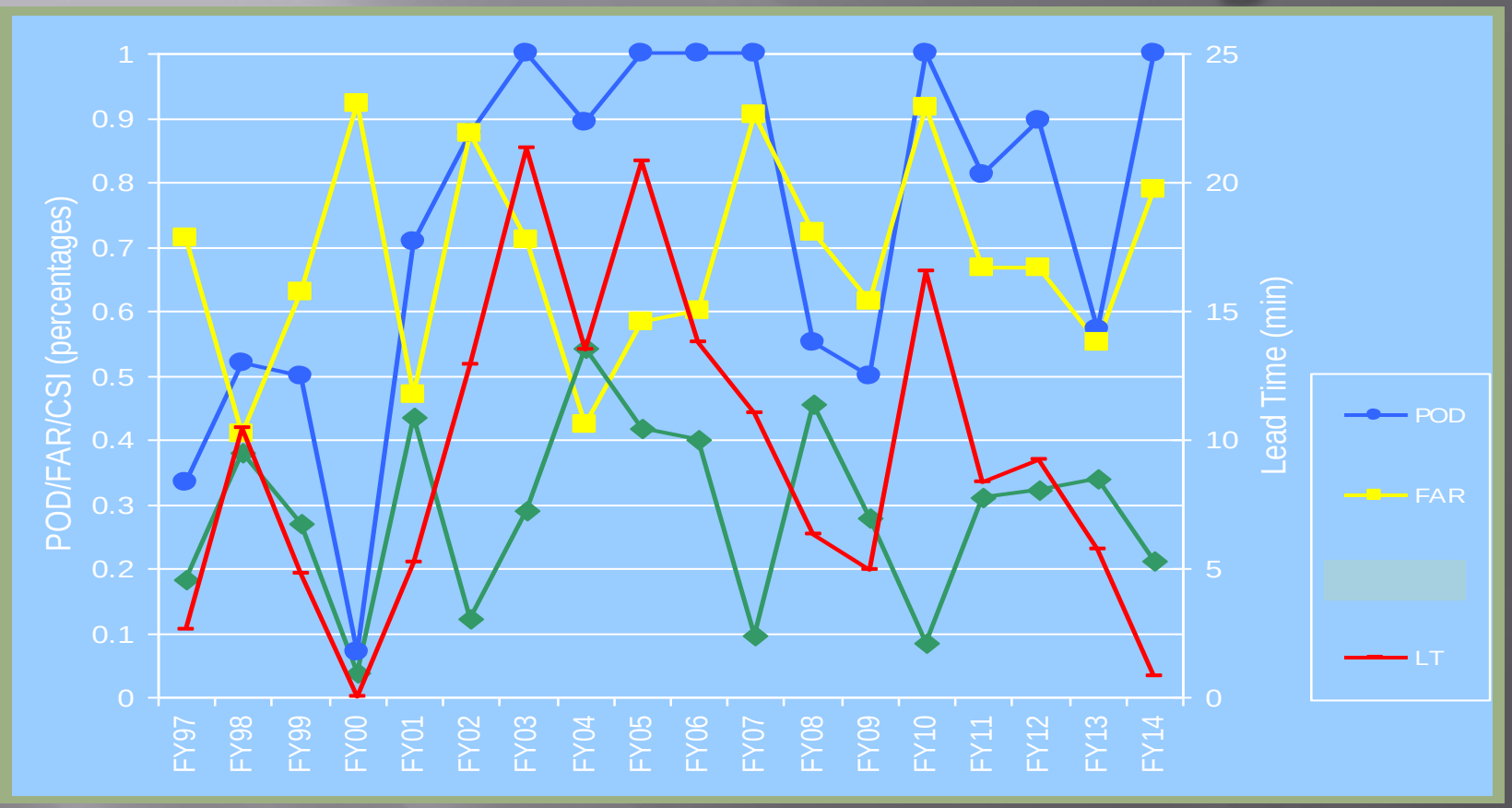
LWX Severe Thunderstorm Warnings



Severe POD + FY14	**91**	**Goal: 86**
Severe FAR + FY14	26	Goal: 39
Severe LT + FY14	18	Goal: 19

Note: FY08 was the first year that Storm-based Warnings in effect.

LWX Tornado Warnings



Tornado POD FY14	**100**	**72**
Tornado FAR FY14	79	72
Tornado LT FY14	1	13

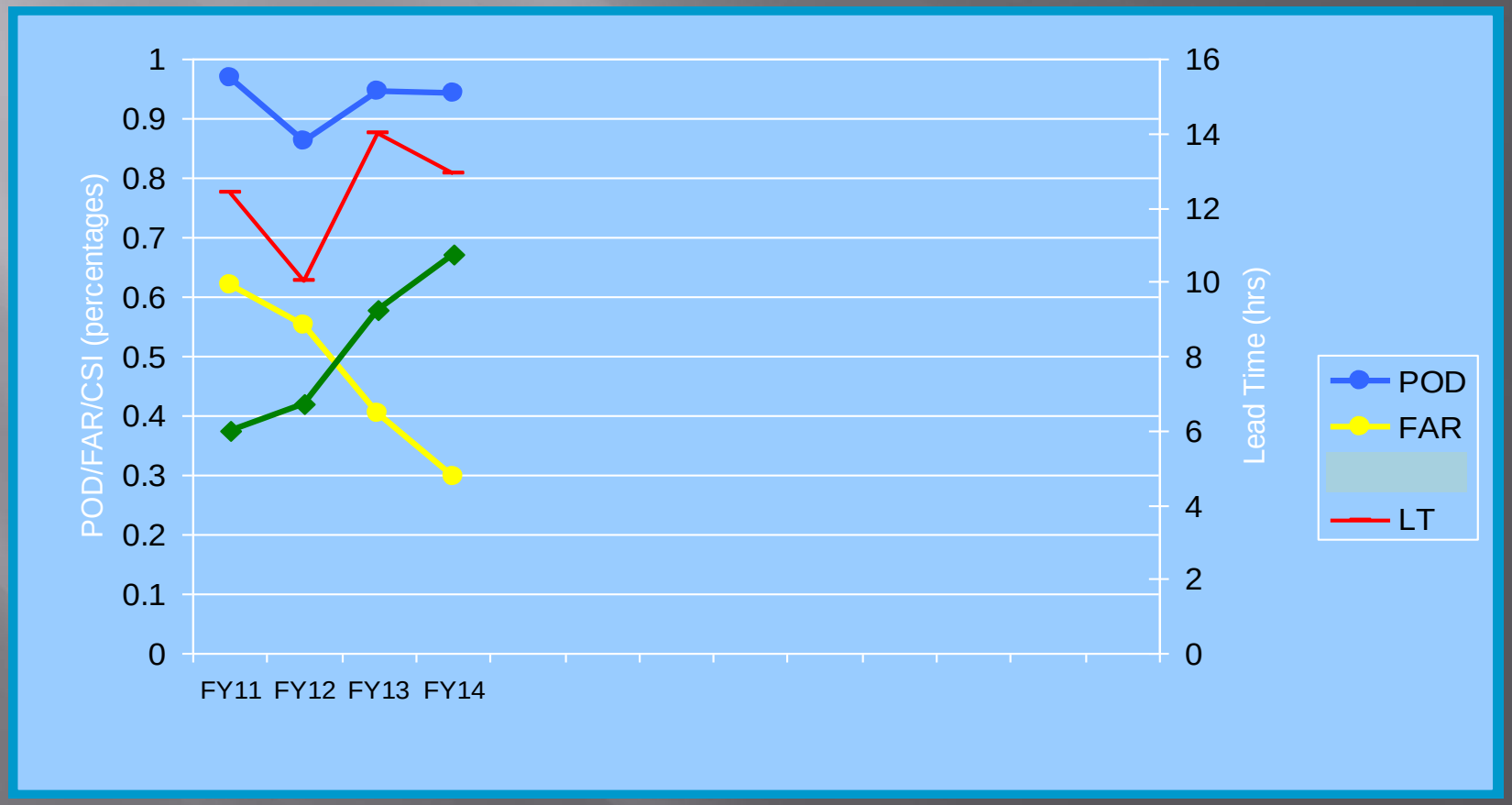
Note: FY08 was the first year that Storm-based Warnings in effect.

LOCAL PROGRAMS

FY2014

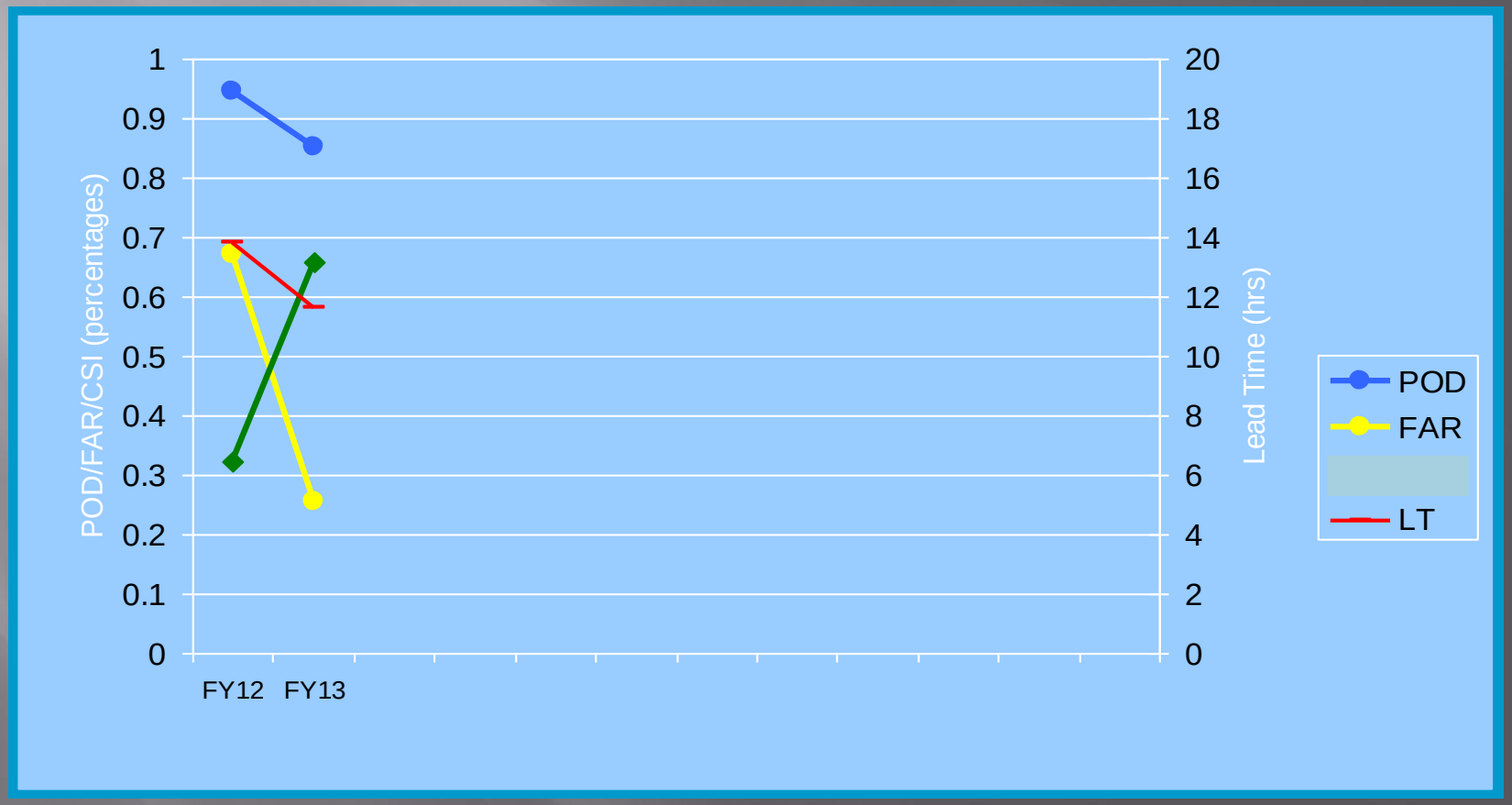
LWX Winter Weather Advisory

FY14: POD: .942, FAR: .298, CSI: .672, LT 12.9



LWX Heat

FY13 (NO DATA FOR FY14): Pod: 0.85 FAR: 0.26 CSI: 0.659 LT: 11.6



METRIC	FY13 GOALS	FY14 GOALS	FY15 GOALS	FY16 GOALS	FY17 GOALS	FY18 GOALS	FY19 GOALS	FY20 GOALS	UNITS
TOR POD	0.72	0.72	0.72	0.72	0.72	0.72			
TOR FAR	0.72	0.72	0.72	0.71	0.71	0.71			
TOR LT	13	13	13	13	13	13			minutes
FFW POD	0.74	0.74	0.76	0.76	0.76	0.76			
FFW LT	58	60	61	61	63	65			minutes
WSW POD	0.90	0.90	0.90	0.90	0.90	0.90			
WSW LT	19	20	20	20	20	20			hours
IFR POD	0.65	0.65	0.65	0.65	0.65	0.65			
IFR FAR	0.40	0.38	0.38	0.38	0.38	0.38			
MARINE WIND	75	79	79	80	80	81	81	82	percent
MARINE WAVE	86	88	89	89	90	90	91	91	percent
COMBINED SVR POD	0.85	0.86	0.86	0.86	0.86	0.87	0.87	0.87	
COMBINED SVR FAR	0.39	0.39	0.39	0.39	0.39	0.38	0.38	0.38	
COMBINED SVR LT	18	19	19	19	19	19	19	19	minutes
FFW FAR	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
WSW FAR	0.43	0.43	0.42	0.42	0.41	0.41	0.40	0.40	
FFW LT > 0	84	85	86	87	88	88	89	89	percent
RIVER FLOOD POD	0.84	0.84	0.85	0.85	0.86	0.86	0.87	0.87	
WSR-88D AVAILABILITY	99	99	99	99	99	99	99	99	percent
Entries in red	are changes	from last	year.	Purple =	GPRA+ goals				
FOR RFC's									
FLOOD OUTLOOK POD	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	
BEAT HPC QPF .5-1" CAT	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	percent
MEET/BEAT 5 RIVER									
FORECAST MAE GOALS	100	100	100	100	100	100	100	100	percent

Red Flag Warning POD	91	84
Aviation (CIGS & VSBY) POD	76	65
Aviation (CIGS & VSBY) FAR	30	40